REGULAR MEETING AGENDA

Date: 1/13/2025
Time: 7:00 p.m.
Location: Zoom.us/join – ID# 846 9472 6242 and
City Council Chambers
751 Laurel St., Menlo Park, CA 94025

Members of the public can listen to the meeting and participate using the following methods.

How to participate in the meeting

- Access the live meeting, in-person, at the City Council Chambers
- Access the meeting real-time online at:
  zoom.us/join – Meeting ID# 846 9472 6242
- Access the meeting real-time via telephone (listen only mode) at:
  (669) 900-6833
  Regular Meeting ID # 846 9472 6242
  Press *9 to raise hand to speak
- Submit a written comment online up to 1-hour before the meeting start time:
  planning.commission@menlopark.gov*
  Please include the agenda item number related to your comment.

  *Written comments are accepted up to 1 hour before the meeting start time. Written messages are provided to the Planning Commission at the appropriate time in their meeting.

Subject to change: The format of this meeting may be altered or the meeting may be canceled. You may check on the status of the meeting by visiting the city website menlopark.gov. The instructions for logging on to the webinar and/or the access code is subject to change. If you have difficulty accessing the webinar, please check the latest online edition of the posted agenda for updated information (menlopark.gov/agendas).

Regular Meeting

A. Call To Order

B. Roll Call

C. Reports and Announcements

D. Public Comment

Under “Public Comment,” the public may address the Commission on any subject not listed on the agenda. Each speaker may address the Commission once under public comment for a limit of three minutes. You are not required to provide your name or City of residence, but it is helpful. The Commission cannot act on items not listed on the agenda and, therefore, the Commission cannot respond to non-agenda issues brought up under Public Comment other than to provide general information.

E. Consent Calendar

E1. Approval of minutes from the November 18, 2024 Planning Commission meeting (Attachment)

E2. Approval of minutes from the December 2, 2024 Planning Commission meeting (Attachment)

E3. Architectural Control Revision/St. Raymond Catholic Church/1100 Santa Cruz Ave.:
Consider and adopt a resolution to approve an architectural control revision to modify the glass curtain wall and add entrance doors on the southern building facade and modify the hardscapes and landscapes of plazas for an existing church in the R-E (Residential Estate) zoning district; determine this action is categorically exempt under CEQA Guidelines Section 15301’s Class 1 exemption for existing facilities. (Staff Report #25-001-PC)

F. Public Hearing

F1. Use Permit, Architectural Control, Below Market Rate (BMR) Housing Agreement, Environmental Review/Alliant Communities LLC/320 Sheridan Dr.:
Consider and adopt a resolution to approve a use permit, architectural control permit, and BMR housing agreement to construct three new three-story residential buildings with a total of 88 multi-family dwelling units, with 87 BMR units and one on-site manager’s unit, a community room of approximately 2,217 square feet, and associated site improvements including a barbeque area and children's play area, on a vacant lot in the R-3 (Apartment) zoning district; determine this action is categorically exempt under CEQA Guidelines Section 15332’s Class 32 exemption for infill development. The application is being reviewed subject to the State Density Bonus Law, Government Code Section 65915 and relevant amendments, which permits exceptions to the City's Zoning Ordinance requirements. The applicant is requesting waivers from development standards to increase the maximum floor area ratio (FAR), height, maximum fence height in the front setback, and paving area for driveways and parking. The applicant is requesting waivers to reduce the required front and rear setbacks, land area required per dwelling unit, parking lot tree island requirements, and required bicycle parking spaces. The applicant is requesting waivers to

remove the building profile requirement and façade modulation requirements. The proposed project includes incentives to not underground utilities along the project frontage, remove the window inset design standard, not require the buildings to be dual plumbed for future internal use of recycled water, remove the requirement to certify the project as LEED silver, and use an alternate method to comply with transit pass requirements. The proposed project includes two development-related heritage tree removals which were reviewed and conditionally approved by the City Arborist. (Staff Report #25-002-PC)

H. Informational Items

H1. Future Planning Commission Meeting Schedule – The upcoming Planning Commission meetings are listed here, for reference. No action will be taken on the meeting schedule, although individual Commissioners may notify staff of planned absences.

- Regular Meeting: January 27, 2025

I. Adjournment

At every regular meeting of the Planning Commission, in addition to the public comment period where the public shall have the right to address the Planning Commission on any matters of public interest not listed on the agenda, members of the public have the right to directly address the Planning Commission on any item listed on the agenda at a time designated by the chair, either before or during the Planning Commission's consideration of the item.

At every special meeting of the Planning Commission, members of the public have the right to directly address the Planning Commission on any item listed on the agenda at a time designated by the chair, either before or during consideration of the item. For appeal hearings, appellant and applicant shall each have 10 minutes for presentations.

If you challenge any of the items listed on this agenda in court, you may be limited to raising only those issues you or someone else raised at the public hearing described in this notice, or in written correspondence delivered to the City of Menlo Park at, or before, the public hearing.

Any writing that is distributed to a majority of the Planning Commission by any person in connection with an agenda item is a public record (subject to any exemption under the Public Records Act) and is available by request by emailing the city clerk at jaherren@menlopark.gov. Persons with disabilities, who require auxiliary aids or services in attending or participating in Planning Commission meetings, may call the City Clerk's Office at 650-330-6620.

Agendas are posted in accordance with Cal. Gov. Code §54954.2(a) or §54956. Members of the public can view electronic agendas and staff reports by accessing the city website at menlopark.gov/agendas and can receive email notifications of agenda postings by subscribing at menlopark.gov/subscribe. Agendas and staff reports may also be obtained by contacting City Clerk at 650-330-6620. (Posted: 1/8/2025)

REGULAR MEETING DRAFT MINUTES

Date: 11/18/2024
Time: 7:00 p.m.
Location: Zoom.us/join – ID# 858 7073 1001 and
City Council Chambers
751 Laurel St., Menlo Park, CA 94025

A. Call To Order

Chair Jennifer Schindler called the meeting to order at 7:03 p.m.

B. Roll Call

Present: Jennifer Schindler (Chair), Andrew Ehrich (Vice Chair), Katie Behroozi, Linh Dan Do, Katie Ferrick, Misha Silin, Ross Silverstein

Staff: Connor Hochleutner, Assistant Planner; Kyle Perata, Assistant Community Development Director; Matt Pruter, Associate Planner

C. Reports and Announcements

Assistant Community Development Director Kyle Perata said the City Council at its November 19, 2024 meeting would consider a resolution declaring the downtown parking plazas 1, 2 and 3 exempt from the Surplus Land Act and authorizing staff to prepare a request for qualifications for potential affordable housing development on those plazas and also a request for funding from the City's Below Market Rate (BMR) fund for a 100% affordable housing project at 320 Sheridan Drive.

Chair Schindler reported that she attended a walking tour in Palo Alto with three local architects that focused on the history and architecture of five tall residential buildings in the University Avenue downtown area. She said more information was available by request to info@paloaltoforward.com.

D. Public Comment

None

E. Consent Calendar

E1. Approval of minutes from the October 28, 2024 Planning Commission meeting (Attachment)

E2. Approval of minutes from the November 4, 2024 Planning Commission meeting (Attachment)

Chair Schindler opened the consent calendar for public comment and closed public comment as no persons requested to speak.

ACTION: Motion and second (Ferrick/Silverstein) to approve the consent calendar consisting of the minutes from the October 28 and November 4 Planning Commission meetings; passes 7-0.

F. Public Hearing

F1. Use Permit/Kathleen Liston/801 Hermosa Way:
Consider and adopt a resolution to approve a use permit to demolish an existing one-story, single-family residence and accessory structures and construct a new two-story, single-family residence and accessory structures on a substandard lot with regard to minimum lot width in the R-E (Residential Estate) zoning district, at 801 Hermosa Way; determine this action is categorically exempt under CEQA Guidelines Section 15303's Class 3 exemption for new construction or conversion of small structures. The proposal also includes a detached accessory dwelling unit (ADU), which is a permitted use and not subject to discretionary review. The proposed project includes the removal of one heritage tree which has been reviewed and conditionally approved by the City Arborist. (Staff Report #24-048-PC)

Assistant Planner Connor Hochleutner said three comment letters were received after publication of the staff report, which had been shared with the Commission and were available for the public. He said staff, in response to a number of neighbor inquiries about tree protection and utility trenching, had several recommended conditions to add. Those were:

Add condition 2.b.: Concurrent with the submittal of a complete building permit application, the Project Arborist shall submit an addendum to the project arborist report to include specific protection measures to protect Coast live oak trees #23 and 24 during fence removal, subject to review and approval of the City Arborist and the Planning Division.

Add condition 2.c: Concurrent with the submittal of a complete building permit application, the Project Arborist shall review and evaluate the civil plan sheets to ensure all utility work, including trenching, would be outside the tree's designated tree protection zone (TPZ) from heritage trees or identify measures to reduce any potential impact to heritage trees on the project site or adjacent sites. The project arborist shall submit an addendum to the project arborist report with this evaluation and, if applicable, additional tree protection measures, subject to review and approval of the City Arborist and the Planning Division.

Add condition 2.d.: During project construction, the project arborist shall conduct monthly monitoring of the project site and submit a monthly monitoring report to the City Arborist for review and approval.

Kathleen Liston, property owner, spoke on behalf of the project.

Chair Schindler opened the public hearing.

Public Comment:

- Beth Benjamin expressed concerns about heritage tree preservation.
- John Durrett expressed concerns about heritage tree preservation and privacy.
- Moira Cullen expressed concerns about heritage tree preservation and arborist review.

Chair Schindler closed the public hearing.

The Commission discussed various aspects of tree preservation, PG&E work, structure location, and privacy solutions with the applicant and discussed the additional conditions with staff.

Commission discussion continued with general acknowledgement of the applicant's thoroughness in developing the design and plan and expression of some concern with condition 2.d being duplicative and potentially creating an undesirable precedent.

ACTION: Motion and second (Silin/Behroozi) to adopt a resolution approving the item as presented with the following modifications; passes 7-0.

Add condition 2.b.: Concurrent with the submittal of a complete building permit application, the Project Arborist shall submit an addendum to the project arborist report to include specific protection measures to protect Coast live oak trees #23 and 24 during fence removal, subject to review and approval of the City Arborist and the Planning Division.

Add condition 2.c: Concurrent with the submittal of a complete building permit application, the Project Arborist shall review and evaluate the civil plan sheets to ensure all utility work, including trenching, would be outside the tree's designated tree protection zone (TPZ) from heritage trees or identify measures to reduce any potential impact to heritage trees on the project site or adjacent sites. The project arborist shall submit an addendum to the project arborist report with this evaluation and, if applicable, additional tree protection measures, subject to review and approval of the City Arborist and the Planning Division.

Add condition 2.d.: During project construction, the project arborist shall conduct monthly monitoring of the project site and submit a monthly monitoring report to the City Arborist for review and approval.

F2. Use Permit Revision and Architectural Control Revision/Laurie Shepard/2800 Sand Hill Rd.: Consider and adopt a resolution to approve a use permit revision and architectural control revision for minor alterations to the north elevation of an existing two-story office building located within the C-1-C (Administrative, Professional, and Research District, Restrictive) zoning district; determine this action is categorically exempt under CEQA Guidelines Section 15301's Class 1 exemption for existing facilities. (Staff Report #24-049-PC)

Associate Planner Matt Pruter said staff had no additions to the written report.

Tim Murphy, principal architect, spoke on behalf of the project.

Chair Schindler opened the public hearing and closed the public hearing as no persons requested to speak.

ACTION: Motion and second (Ferrick/Behroozi) to adopt a resolution to approve the item as presented; passes 7-0.

F3. Use Permit Revision and Architectural Control Revision/Olana Khan/2245 Avy Ave.: Consider and adopt a resolution to modify the previously approved use permit and architectural control permit that allowed a temporary classroom to be located at an existing school (Phillips Brooks) in the P-F (Public Facilities) zoning district, until November 15, 2024. The proposed modifications to the permit would allow the current temporary classroom to remain for an additional three years, until November 15, 2027; determine this action is categorically exempt under CEQA Guidelines Section 15301's Class 1 exemption for existing facilities. (Staff Report #24-050-PC)

Planner Pruter said staff had no updates to the written report.

Olana Khan, Assistant Director, Phillips Brooks School, spoke on behalf of the project.

Chair Schindler opened the public hearing and closed the public hearing as no persons requested to speak.

The Commission discussed a potentially longer extension with the applicant and staff.

ACTION: Motion and second (Schindler/Do) to adopt a resolution approving the item as presented; passes 7-0.

G. Informational Items

G1. Future Planning Commission Meeting Schedule

- Regular Meeting: December 2, 2024

Mr. Perata said the December 2 agenda had three public hearing items and the 2025 Planning Commission calendar.

- Regular Meeting: December 16, 2024

H. Adjournment

Chair Schindler adjourned the meeting at 9:23 p.m.

Staff Liaison: Kyle Perata, Assistant Community Development Director

Recording Secretary: Brenda Bennett

REGULAR MEETING DRAFT MINUTES

Date: 12/2/2024
Time: 7:00 p.m.
Location: Zoom.us/join – ID# 858 7073 1001 and
City Council Chambers
751 Laurel St., Menlo Park, CA 94025

A. Call To Order

Vice Chair Andrew Ehrich called the meeting to order at 7:03 p.m.

B. Roll Call

Present: Andrew Ehrich (Vice Chair), Katie Behroozi, Linh Dan Do, Katie Ferrick, Misha Silin, Ross Silverstein

Absent: Jennifer Schindler (Chair)

Staff: Calvin Chan, Senior Planner; Connor Hochleutner, Assistant Planner; Kyle Perata, Assistant Community Development Director; Chris Turner, Senior Planner

C. Reports and Announcements

Assistant Community Development Director Kyle Perata said the City Council at its December 10, 2024 meeting would conduct its reorganization for 2025 followed by a reception.

D. Public Comment

- Kelly Traver expressed multiple concerns about a proposed project at 80 Willow Road.
- John Selling expressed multiple concerns about a proposed project at 80 Willow Road.

E. Consent Calendar

E1. Architectural Control/Debora Ferrand/816 Santa Cruz Ave.:
Consider and adopt a resolution to approve an architectural control permit for an attached pergola, a new wood fence, and other site improvements associated with an existing outdoor seating area at the rear of an existing commercial building in the SP-ECR-D (El Camino/Downtown Specific Plan-Downtown Main Street Overlay) district; determine this action is categorically exempt under CEQA Guidelines Section 15301's Class 1 exemption for existing facilities. (Staff Report #24-051-PC)

Vice Chair Ehrich opened public comment and closed public comment as no persons requested to speak.

ACTION: Motion and second (Ferrick/Behroozi) to approve the consent calendar consisting of adoption of a resolution to approve an architectural control permit for 816 Santa Cruz Avenue;

passes 6-0 with Commissioner Schindler absent.

F. Public Hearing

F1. Use Permit/Mark Burbridge/351 Barton Pl.:
Consider and adopt a resolution to approve a use permit to partially demolish an existing single-story, single-family residence and construct first- and second-story additions and conduct interior modifications to an existing nonconforming structure on a substandard lot with regard to minimum lot width in the R-1-U (Single Family Urban Residential) zoning district at 351 Barton Place. The proposed project would remove the nonconforming portions of the existing structure and the additions would exceed 50 percent of the existing floor area, and is considered equivalent to new structure; determine this action is categorically exempt under CEQA Guidelines Section 15301's Class 1 exemption for existing facilities. (Staff Report #24-052-PC)

Commissioner Ross Silverstein said he lived within 1,000 feet of the subject property but not within the 500 feet that would require his recusal; he noted further he would not recuse himself and would be impartial in his consideration of the use permit request.

Assistant Planner Connor Hochleutner said staff had no additions to the written report.

Carole Micaelian, project architect, spoke on behalf of the project and answered clarifying questions regarding the proposed stairwell and privacy screening.

Vice Chair Ehrich opened the public hearing.

Public Comment:

- Rob Trice expressed support for the project, but expressed concerns with light spillover.

Vice Chair Ehrich closed the public hearing.

The Commission discussed solutions to light spillover from the stairwell with the applicant and property owner Mark Burbridge.

Commission comments included appreciation for the neighbor's concern, general support for the project, a desire to not specify particular plant type screening nor require obscured glass, and preference for screening solution agreed upon by the applicant and their neighbor.

Commissioner Ferrick moved to approve with a condition to require a landscape screening solution.

Planner Hochleutner said the submitted site plan noted a "screening bush" in the area of concern. Commissioner Ferrick suggested that a tree might provide better screening due to height allowances.

Discussion ensued among the Commissioners and staff regarding a proposed modification to the recommended action regarding landscape screening language.

ACTION: Motion and second (Ferrick/Behroozi) to adopt a resolution approving the item as submitted with the following modifications; passes 6-0 with Chair Schindler absent.

Add condition 2.b.: Simultaneous with the submittal of a complete building permit application, the applicant shall revise the site plan to change the "screening bush" notation to "screening tree or bush" along the right side property line subject to review and approval of the Planning Division.

F2. Use Permit/Spiffy Pottery Studio/1919 Menalto Ave.:
Consider and adopt a resolution to approve a use permit for a change of use from a dance studio to a pottery studio for a tenant suite within an existing commercial building that is substandard with regard to the minimum parking requirement in the C-MU (Neighborhood Mixed Use) zoning district at 1919 Menalto Avenue. The proposed pottery studio is considered a special use and is conditionally permitted subject to a use permit; determine this action is categorically exempt under CEQA Guidelines Section 15301's Class 1 exemption for existing facilities. (Staff Report #24-053-PC)

Senior Planner Calvin Chan said staff had no additions to the written staff report.

Jeffrey Liang, applicant, spoke on behalf of the project and answered clarifying questions from Commissioners regarding a former request for business operations after midnight which was subsequently removed in response to neighborhood outreach.

Vice Chair Ehrich opened the public hearing and closed the public hearing as no persons requested to speak.

ACTION: Motion and second (Silverstein/Ferrick) to adopt a resolution approving the item as presented; passes 6-0 with Chair Schindler absent.

G. Regular Business

G1. Review of draft 2025 Planning Commission meeting dates (Staff Report #24-054-PC).

Mr. Perata introduced the item.

Vice Chair Ehrich opened public comment and closed public comment as no persons requested to speak.

Commissioner Silverstein indicated he would be absent August 11, 2025 and Commissioner Behroozi indicated she might be absent at the last meeting in August 2025.

H. Informational Items

H1. Future Planning Commission Meeting Schedule

- Regular Meeting: December 16, 2024

Mr. Perata said the December 16, 2024 meeting would be cancelled.

I. Adjournment

Vice Chair Ehrich adjourned the meeting at 8:20 p.m.

Staff Liaison: Kyle Perata, Assistant Community Development Director

Recording Secretary: Brenda Bennett

CITY OF MENLO PARK

STAFF REPORT

Planning Commission Meeting Date: **1/13/2025**
Staff Report Number: **25-001-PC**

Consent Calendar: **Consider and adopt a resolution to an approve architectural control permit revision to modify the glass curtain wall and add entrance doors on the southern building facade and modify the hardscapes and landscapes of plazas for an existing church in the R-E (Residential Estate) zoning district at 1100 Santa Cruz Avenue; determine this action is categorically exempt under CEQA Guidelines Section 15301's Class 1 exemption for existing facilities.**

Recommendation

Staff recommends that the Planning Commission adopt a resolution approving an architectural control permit revision to modify the glass curtain wall and add entrance doors on the southern building facade and modify the hardscapes and landscapes of plazas for an existing church in the R-E (Residential Estate) zoning district at 1100 Santa Cruz Avenue (St. Raymond Catholic Church). The draft resolution, including the recommended actions and conditions of approval, is included as Attachment A.

Policy Issues

Each architectural control request is considered individually and the Planning Commission will need to consider whether the required architectural control findings identified in Menlo Park Municipal Code (MPMC) Section 16.68.020 can be made for the proposal.

The site has a Very Low Density Residential General Plan land use designation, which includes public and quasi-public uses. The General Plan includes goals that may be broadly considered, although not explicitly related to a church, in evaluating the proposed project, such as:

- Goal LU-2: Maintain and enhance the character, variety, and stability of Menlo Park's residential neighborhoods, and
- Goal LU-3: Retain and enhance existing and encourage new neighborhood-serving commercial uses, particularly retail services, to create vibrant commercial corridors.

Background

Using Santa Cruz Avenue in the east-west orientation, the property at 1100 Santa Cruz Avenue is located on the northwest corner of the intersection of Santa Cruz Avenue and Arbor Road in the West Menlo neighborhood. The proposed project is located at St. Raymond Church in the Residential Estate (R-E) zoning district, which includes conditionally-permitted non-residential uses such as private schools and

churches. On December 18, 1989, the Planning Commission granted architectural control and a use permit to operate and implement phased improvements to St. Raymond Catholic Church and School. The site is surrounded by residences in the R-E, R-1-S (Single Family Suburban Residential), and R-3 (Apartment District) zoning districts and St. Raymond School on the adjacent parcel at 1185 Arbor Road. A location map is included as Attachment B.

Analysis

Project description

The project proposes to modify the glass curtain wall and add entrance doors on the southern building facade and modify the hardscapes and landscapes of plazas for the existing church. The project plans and project description letter are included as Attachment A, Exhibits A and B, respectively.

The southern building facade oriented towards Santa Cruz Avenue serves as the front entrance of the church and currently includes a decorative stained glass window curtain wall and entry doors to the chapel at the eastern and western sides of the building where no work is proposed. The project proposes to replace the stained glass window curtain wall with clear glazing in the same dimensions and to add two sets of bronze anodized aluminum double doors at the base of the curtain wall to better define the church entry and improve accessibility. The aluminum portions of the proposed window glazing and doors would match existing materials and there are no other modifications to this building facade. The cross at the center of the façade would be removed during construction and replaced after construction is finished. The two sculptures to the left and right of the window curtain wall would remain. All existing paths of ingress and egress would remain the same, except the addition of two sets of double doors into the chapel from the southern facade.

On each side of the church, there are presently outdoor concrete and brick plazas and the project proposes to repave the areas as needed and add brick clad seat walls and bollard lighting to enhance informal gathering areas. Between the church building entry and Santa Cruz Avenue, the project proposes to replace the existing concrete front plaza with brick pavers matching the side plazas. Along Santa Cruz Avenue, at the front of the plaza and site, the applicant intends to install a new monument sign which will be applied for and evaluated separately through the City's administrative sign permit process.

Staff notes that project plans also include details for interior improvements (e.g., new baptismal font, painting, new aluminum and glass storefront between chapel and sanctuary) to the church which are not subject to architectural control and will be evaluated through the building permit application process.

Landscaping

The project includes new trees, shrubs, grasses, perennials, and groundcover. A total of five new trees are proposed (three Western Redbud, two Crape Myrtle, and one Yoshino Cherry) on the left side of the church and along the front of the church by Santa Cruz Avenue. A variety (19 types) of shrubs, grasses, perennials, and groundcover are proposed to enhance and blend with existing landscaping. An arborist report was prepared for the project (Attachment A, Exhibit C), evaluating a total of 25 trees (18 heritage trees and seven non heritage trees), and the arborist report includes tree protection measures for existing trees on site that would be required during construction. No heritage trees are proposed for removal. One non-heritage callery pear tree (Pyrus calleryana) near the front of the property is proposed for removal to accommodate construction and repair pavement damage. The project has been evaluated by the City Arborist and deemed appropriate.

Parking

A total of 168 parking spaces for the church and school were previously approved by the Planning Commission. The project does not propose any modification to existing parking and would not result in any increase in parking demand.

Correspondence

As of the compilation of this report, staff has not received correspondence related to the application. Staff notes that within the project description letter (Attachment A, Exhibit B), the applicant relays that the church held two open houses to present the improvement plans to the neighborhood, most recently in December 2024.

Conclusion

The proposed design and materials would be generally compatible with the surrounding buildings in the neighborhood. The project's modification to the southern building facade and entry plazas of the existing church will maintain a balanced and consistent appearance, improve the usability and safety of the outdoor areas and make the building entrance more apparent and easier to access, and will continue to keep with the character of the streetscape. The proposed project would be generally consistent with the goals of the General Plan. Staff recommends that the Planning Commission approve the proposed project.

Impact on City Resources

The project sponsor is required to pay Planning, Building and Public Works permit fees, based on the City's Master Fee Schedule, to fully cover the cost of staff time spent on the review of the project.

Environmental Review

The proposed project is categorically exempt under Class 1 (Section 15301, "Existing Facilities") of the current California Environmental Quality Act (CEQA) Guidelines.

Public Notice

Public notification was achieved by posting the agenda, with the agenda items being listed, at least 72 hours prior to the meeting. Public notification also consisted of publishing a notice in the local newspaper and notification by mail of owners and occupants within a 300-foot radius of the subject property.

Appeal period

The Planning Commission action will be effective after 15 days unless the action is appealed to the City Council, in which case the outcome of the application shall be determined by the City Council.

Attachments

A. Draft Planning Commission Resolution
   Exhibits to Attachment A
   A. Project Plans
   B. Project Description Letter
   C. Arborist Report

D. Conditions of Approval

B. Location Map

Report prepared by:
Calvin Chan, Senior Planner

Report reviewed by:
Tom Smith, Principal Planner

PLANNING COMMISSION RESOLUTION NO. 2025-XXX

A RESOLUTION OF THE PLANNING COMMISSION OF THE CITY OF MENLO PARK APPROVING AN ARCHITECTURAL CONTROL PERMIT REVISION TO MODIFY THE GLASS CURTAIN WALL AND ADD ENTRANCE DOORS ON THE SOUTHERN BUILDING FACADE AND MODIFY THE HARDSCAPES AND LANDSCAPES OF PLAZAS FOR AN EXISTING CHURCH AT 1100 SANTA CRUZ AVENUE IN THE R-E (RESIDENTIAL ESTATE) ZONING DISTRICT

WHEREAS, the City of Menlo Park ("City") received an application requesting an architectural control revision to modify the glass curtain wall and add entrance doors on the southern building facade and modify the hardscapes and landscapes of plazas for an existing church in the R-E (Residential Estate) zoning district (collectively, the "Project"), from Father Jerome Cudden ("Applicant") and Archdiocese of San Francisco Real Property Support Corp. ("Owner"), located at 1100 Santa Cruz Avenue (APN 071-071-0040) ("Property"). The Project architectural control revision is depicted in and subject to the development plans and project description letter, which are attached hereto as Exhibit A and Exhibit B, respectively, and incorporated herein by this reference; and

WHEREAS, the Property is located in the Residential Estate (R-E) zoning district. The R-E zoning district supports primarily residential uses and select non-residential uses including private schools and churches which may be conditionally permitted with a use permit; and

WHEREAS, the Property received architectural control and use permit approval from the Planning Commission on December 18, 1989 to operate and implement phased improvements to St. Raymond Catholic Church and School; and

WHEREAS, the proposed Project would involve physical modifications to the existing church building and hardscape and landscape improvements to the plazas, which would provide an update to the Santa Cruz Avenue frontage of the building while maintaining a balanced and consistent appearance; and

WHEREAS, the findings and conditions for the architectural control would ensure that all City requirements are applied consistently and correctly as part of the project's implementation; and

WHEREAS, the proposed Project was reviewed by the City Arborist and found to be in compliance with the Heritage Tree Ordinance, and the arborist report prepared by Tree Management Experts, dated August 22, 2024 (incorporated herein as Exhibit C) identifies adequate tree protection mitigation measures to protect heritage trees in the vicinity of the project; and

WHEREAS, the Project requires discretionary actions by the City as summarized above, and therefore the California Environmental Quality Act ("CEQA," Public Resources Code

Section §21000 et seq.) and CEQA Guidelines (Cal. Code of Regulations, Title 14, §15000 et seq.) require a determination regarding the Project's compliance with CEQA; and

WHEREAS, the City is the lead agency, as defined by CEQA and the CEQA Guidelines, and is therefore responsible for the preparation, consideration, certification, and approval of environmental documents for the Project; and

WHEREAS, the Project is exempt from environmental review pursuant to CEQA Guidelines §15301 (Existing Facilities); and

WHEREAS**,** all required public notices and public hearings were duly given and held according to law; and

WHEREAS, at a duly and properly noticed public hearing held on January 13, 2025, the Planning Commission fully reviewed, considered, and evaluated the whole of the record, including all public and written comments, pertinent information, documents and plans, prior to taking action regarding the proposed Project.

NOW, THEREFORE, THE MENLO PARK PLANNING COMMISSION HEREBY RESOLVES AS FOLLOWS:

Section 1. Recitals. The Planning Commission has considered the full record before it, which may include but is not limited to such things as the staff report, public testimony, and other materials and evidence submitted or provided, and the Planning Commission finds the foregoing recitals are true and correct, and they are hereby incorporated by reference into this Resolution.

Section 2. Architectural Control Findings. The Planning Commission of the City of Menlo Park does hereby make the following findings:

The approval of the architectural control permit revision to modify the glass curtain wall and add entrance doors on the southern building facade and modify the hardscapes and landscapes of plazas for an existing church at 1100 Santa Cruz Avenue is granted based on the following findings, which are made pursuant to Menlo Park Municipal Code Section 16.68.020:

1. That the general appearance of the structure is in keeping with character of the neighborhood, in that, the Project's modification to the southern building facade and entry plazas of the existing church will maintain a balanced and consistent appearance, improve the usability and safety of the outdoor areas and make the building entrance more apparent and easier to access, and will continue to keep with the character of the streetscape.

2. That the development will not be detrimental to the harmonious and orderly growth of the city, in that, the Project contains design modifications to an existing church building and plazas. The Project's design is generally consistent with all applicable requirements of the City of Menlo Park Municipal Code. The General

Plan land use for the Property, Very Low Density Residential, is consistent with the existing and proposed uses on the site which include public and quasi-public uses. Therefore, the Project will not be detrimental to the harmonious and orderly growth of the city.

3. That the development will not impair the desirability of investment or occupation in the neighborhood, in that, the Project contains design modifications to an existing church building and plazas, which involves a use that is consistent with the applicable standards of the Zoning Ordinance for the project site. The Project is designed in a manner consistent with all applicable codes and ordinances. Therefore, the Project would not impair the desirability of investment or occupation in the neighborhood.

4. That the development provides adequate parking as required in all applicable city ordinances, in that, the Project does not modify existing adequate parking nor would the improvements increase parking need.

5. That the development is consistent with any applicable specific plan, in that, the Project is not located within an area governed by a specific plan.

Section 3. Architectural Control Revision. The Planning Commission approves the architectural control permit revision, which is depicted in and subject to the project plans and project description letter, which are attached hereto and incorporated herein by this reference as Exhibit A and Exhibit B, respectively. The architectural control permit is conditioned in conformance with the conditions attached hereto and incorporated herein by this reference as Exhibit D.

Section 4. Environmental Review. The Planning Commission makes the following findings, based on its independent judgment after considering the Project, and having reviewed and taken into consideration all written and oral information submitted in this matter:

A. The Project is categorically except from environmental review pursuant to Cal. Code of Regulations, Title 14, §15301 et seq. (Existing Facilities).

Section 5. Severability. If any term, provision, or portion of these findings or the application of these findings to a particular situation is held by a court to be invalid, void or unenforceable, the remaining provisions of these findings, or their application to other actions related to the proposed Project, shall continue in full force and effect unless amended or modified by the City.

I, Kyle Perata, Assistant Community Development Director of the City of Menlo Park, do hereby certify that the above and foregoing Planning Commission Resolution was duly and regularly passed and adopted at a meeting by said Planning Commission on January 13, 2025, by the following votes:

AYES:

NOES:

ABSENT:

ABSTAIN:

IN WITNESS THEREOF, I have hereunto set my hand and affixed the Official Seal of said City on this ____ day of January 2025.

PC Liaison Signature

_____
Kyle Perata
Assistant Community Development Director
City of Menlo Park

Exhibits

A. Project plans
B. Project description letter
C. Arborist report
D. Conditions of approval

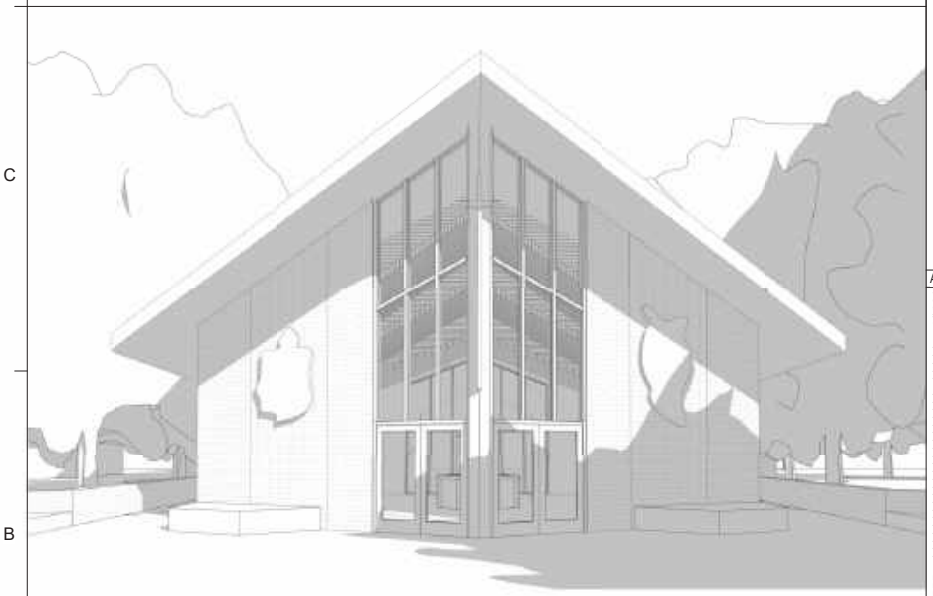
EXHIBIT A

ST. RAYMOND'S CHURCH

CHAPEL IMPROVEMENTS

1100 Santa Cruz Ave
Menlo Park, CA 94025

Permit Set
June 20, 2024



DRAWING INDEX

SHEET #	SHEET NAME
000 GENERAL	
G-001	COVER SHEET
G-002	BEST MANAGEMENT PRACTICES
070 ARCHITECTURAL	
AS100	SITE PLAN
A-101	DEMOLITION PLAN, FLOOR PLAN, AND FIRE & LIFE SAFETY PLAN
A-200	ELEVATIONS
A-201	ELEVATIONS AND SECTION
A-202	STREETSCAPE ELEVATION
A-203	EXISTING ELEVATIONS
A-601	DOOR SCHEDULE & LEGENDS AND WINDOW DETAILS
LANDSCAPE	
L1.1	NOTES, LEGENDS AND, COLOR AND FINISH SCHEDULE
L1.2	PLANTING NOTES AND LEGENDS
L2.0	EXISTING LANDSCAPE PLAN
L2.1	LANDSCAPE LAYOUT PLAN
L3.1	LANDSCAPE GRADING PLAN
L4.1	LANDSCAPE PLANTING PLAN
L5.1	IRRIGATION PLAN
L5.2	IRRIGATION NOTES AND LEGEND
L5.3	IRRIGATION DETAILS
L6.1	LANDSCAPE CONSTRUCTION DETAILS
L7.1	TREE DISPOSITION PLAN
L7.2	ARBORIST REPORT
L7.3	ARBORIST REPORT
L8.1	SIGNAGE EXHIBIT
STRUCTURAL	
S0.00	GENERAL NOTES
S1.00	LAYOUT AND DETAILS

VICINITY MAP

LOCATION MAP

PROJECT DIRECTORY

OWNER	ARCHITECT	STRUCTURAL	LANDSCAPE	ARBORIST
St. Raymond's Church 1100 Santa Cruz Avenue Menlo Park, CA 94025 PHONE: (650) 323-1755 CONTACT: Angie Robbiano	**RATCLIFF** 5856 Doyle Street Emeryville, CA 94608 PHONE: (510) 899-6400 CONTACT: Dan Wetherell	**IDA Structural Engineers** 1629 Telegraph Avenue, Suite 300 Oakland, CA 94612 PHONE: (510) 834-1629 CONTACT: Steve De Jesse	**The Guzzardo Partnership Inc.** Pier 9, The Embarcadero, Suite 115 San Francisco, CA 94111 PHONE: (510) 433-4672 CONTACT: Paul Lettieri	**Tree Management Experts** 3109 Sacramento Street San Francisco, CA 94115 PHONE: (847) 630-3599 CONTACT: Aaron Wang

CODE SUMMARY

PROJECT INFORMATION

ST. RAYMOND'S CHAPEL IMPROVEMENTS — AFD
1100 SANTA CRUZ AVE. MENLO PARK, CA 94025 — AFDPR

APPLICABLE CODES

LOCAL	
GENERAL	2019 CALIFORNIA BUILDING STANDARDS ADMINISTRATIVE CODE, CALIFORNIA CODE OF REGULATIONS (C.C.R.), TITLE 24, PART 1
BUILDING	2019 CALIFORNIA BUILDING CODE, VOLUMES 1 AND 2 (CCR TITLE 24, PART 2; PREASSEMBLED WITH 2015 INTERNATIONAL BUILDING CODE)
ELECTRICAL	2019 CALIFORNIA ELECTRICAL CODE (CCR TITLE 24, PART 3, PREASSEMBLED WITH 2014 NATIONAL ELECTRIC CODE, NFPA)
MECHANICAL	2019 CALIFORNIA MECHANICAL CODE (CCR TITLE 24, PART 4, PREASSEMBLED WITH 2015 UNIFORM MECHANICAL CODE, IAPMO)
PLUMBING	2019 CALIFORNIA PLUMBING CODE (CCR TITLE 24, PART 5, PREASSEMBLED WITH 2015 UNIFORM PLUMBING CODE, IAPMO)
ENERGY	2019 CALIFORNIA ENERGY CODE (CCR TITLE 24, PART 6)
FIRE	2019 CALIFORNIA FIRE CODE (CCR TITLE 24, PART 9, PREASSEMBLED WITH 2006 INTERNATIONAL FIRE CODE) 2019 NFPA 13 - STANDARD FOR INSTALLATION OF AUTOMATIC FIRE SPRINKLER SYSTEMS, AS AMENDED 2019 NFPA 72 - NATIONAL FIRE ALARM CODE, AS AMENDED
DISABILITY	2010 AMERICANS WITH DISABILITIES ACT (28 CFR, PART 36)
WORKER SAFETY	CALIFORNIA DEPARTMENT OF INDUSTRIAL RELATIONS, DIVISION OF OCCUPATIONAL SAFETY AND HEALTH (CAL/OSHA) (CCR, TITLE 8)
GREEN BUILDING	2019 CALIFORNIA GREEN BUILDING STANDARDS 2019 CALIFORNIA REFERENCED STANDARDS (CCR TITLE 24, PART 12)
OCCUPANCIES	A3
CONSTRUCTION TYPES	TYPE V - EXISTING STEEL FRAME ROOF WITH 2x6 T&G DECKING. MASONRY, STUCCO & WOOD, AND GLASS EXTERIOR
FLOOR AREAS (GROSS)	1449 SF
OCCUPANT LOAD	290
REQUIRED EXIT WIDTHS	58" REQUIRED. 216" PROVIDED
SPRINKLERS	NOT APPLICABLE
REQUIRED PLUMBING FIXTURES	NOT APPLICABLE

PLAN AND SECTION

EARTH; AGGREGATE BASE COURSE; CONCRETE; CONCRETE MASONRY UNIT; BRICK MASONRY; LIMESTONE, SANDSTONE, GRANITE; MARBLE; STEEL, STAINLESS STEEL (LARGE SCALE); ALUMINUM (LARGE SCALE); OTHER METALS (LARGE SCALE); WOOD FRAMING - CONTINUOUS (LARGE SCALE); WOOD FRAMING - DISCONTINUOUS (LARGE SCALE)

PLYWOOD (LARGE SCALE); FINISH WOOD (LARGE SCALE); SEMI-RIGID INSULATION (LARGE SCALE); BATT INSULATION (LARGE SCALE); MORTAR, SAND, FIREPROOFING, STUCCO, GYPSUM BOARD; TERRAZZO (LARGE SCALE); COMPOSITE BOARD (LARGE SCALE); ACOUSTIC TILE (LARGE SCALE); PROTECTION BOARD (LARGE SCALE); CERAMIC TILE (LARGE SCALE); GLASS (LARGE SCALE); THERMA -FIBER

ELEVATION

PANEL FORMED CONCRETE; SCREEN WALL METAL PANEL; METAL PANEL

VISION GLASS, G1; SPANDREL GLASS, G1B

GENERAL NOTES

1. THE CONSTRUCTION DOCUMENTS INCLUDE BUT ARE NOT LIMITED TO; THE GENERAL CONDITIONS, SUPPLEMENTAL CONDITIONS, DIVISION 1, THE MATERIAL AND PRODUCT SPECIFICATIONS. DEFINITIONS FOR THE COMPLETE CONSTRUCTION DOCUMENTS ARE DESCRIBED IN THE GENERAL AND SUPPLEMENTAL CONDITIONS. ALL OF THE CONSTRUCTION DOCUMENTS SHALL BE CONSIDERED TOGETHER AS A WHOLE FOR COMPLETE DESCRIPTION OF THE WORK.
2. THE DRAWINGS ARE DIAGRAMMATIC. INFORMATION SHOWN AT A LARGER SCALE SUPERSEDES THAT OF A SMALLER SCALE. IT IS NECESSARY TO REFER TO THE SPECIFICATIONS FOR COMPLETE DESCRIPTION OF THE BUILDING SYSTEMS.
3. EXISTING CONDITIONS ARE SHOWN FOR REFERENCE ONLY. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AND BE RESPONSIBLE FOR THE ACCURACY OF SUCH CONDITIONS PRIOR TO STARTING THE WORK.
4. WRITTEN DIMENSIONS TAKE PRECEDENCE. DO NOT SCALE THE DRAWINGS. IF UNABLE TO LOCATE DIMENSIONS FOR ANY ITEM OF WORK, CONSULT THE ARCHITECT PRIOR TO PROCEEDING WITH THE WORK.
5. VERIFY ALL DRAWING DIMENSIONS PRIOR TO STARTING THE WORK. NOTIFY THE ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES OR VARIATIONS. DO NOT PROCEED WITH THE AFFECTED OR RELATED WORK UNTIL THE DISCREPANCIES OR VARIATIONS ARE RESOLVED BY THE ARCHITECT.
6. ALL DIMENSIONS NOTED "VERIFY" AND "VIF" ARE TO BE CHECKED BY THE CONTRACTOR PRIOR TO STARTING THE WORK. NOTIFY THE ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES OR VARIATIONS.
7. THE NOTATION "TYP" CONVEYS THE MEANING THAT ALL ASSOCIATED CRITERIA FOR LIKE OR SIMILAR ITEMS BE CONSISTENT WHEREVER SUCH NOTE OCCURS.
8. THE ARCHITECT SHALL BE NOTIFIED IN WRITING OF ANY EXISTING MATERIALS SUSPECTED OF BEING HAZARDOUS. WORK CONFINED TO THE AFFECTED AREA SHALL BE SUSPENDED UNTIL APPROPRIATE STEPS TO TEST AND ABATE THE MATERIALS, AS REQUIRED.
9. THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING EXISTING CONDITIONS TO REMAIN. ANY EXISTING CONDITION THAT IS DAMAGED OR ALTERED DURING CONSTRUCTION SHALL BE RETURNED TO ITS PREVIOUS STATE.
10. ALL WORK SHALL BE IN ACCORDANCE WITH THE PROVISIONS OF THE CALIFORNIA CODE OF REGULATIONS AND ANY/ALL GOVERNING AUTHORITIES HAVING JURISDICTION OVER THE WORK AS IDENTIFIED IN THE CONTRACT DOCUMENTS.

PROJECT DESCRIPTION

CONSTRUCTION OF A NEW EXTERIOR CURTAIN WALL WITH A NEW ENTRY INTO CHAPEL AND A NEW INTERIOR STOREFRONT WITH THE NEW ENTRY TO CHURCH. DEMOLISH EXISTING PEWS AND PROVIDE A NEW BAPTISMAL FONT IN CHAPEL. PROVIDE NEW FINISHES. RENOVATION OF NEW FRONT ENTRY PLAZA AND LANDSCAPING.

REFERENCE SYMBOLS

REFERENCE INDICATOR - COMMON

DETAIL NUMBER ON SHEET TYP. — S3
SHEET NUMBER TYP. — A401

DETAILS

PARALLEL VIEW
DETAIL AREA
DETAIL NUMBER TYP. — S3
SHEET NUMBER TYP. — A501

PERPENDICULAR VIEW
VIEW DIRECTION
DETAIL NUMBER TYP. — S2
SHEET NUMBER TYP. — A501

ELEVATIONS

EXTERIOR ELEVATION
VIEW DIRECTION
ELEVATION REFERENCE — S3
SHEET NUMBER TYP. — A401

INTERIOR ELEVATION
ELEVATION REFERENCE — 3
VIEW DIRECTION — A401
SHEET NUMBER TYP.

SECTIONS

BUILDING SECTION
SECTION REFERENCE — S3
SECTION DIRECTION — A501
SHEET NUMBER TYP.

WALL SECTION
SECTION DIRECTION
SECTION REFERENCE — S2
SHEET NUMBER TYP. — A501

OTHER SYMBOLS

MATCH LINE
1 / A110 — REFERENCE
1 / A111 — SHEET NUMBER

GRID LINES AND BUBBLES

REVISION — REVISION AREA — REVISION

NORTH — TRUE NORTH

TAGS

OBJECT TAGS

DOOR — 107 — FLOOR LEVEL — ROOM NUMBER

ROOM TAGS

ROOM — ROOM NAME — NAME — 100 — NUMBER

NAME — NAME — 100 — NUMBER — 750 SF — SQ FT — 100 — OCCUPANTS PER SF — 8 — OCCUPANTS — CODE GROUP

PHASING GRAPHICS

EXISTING PARTITION TO REMAIN
PORTION OF (E) PARTITION TO BE DEMOLISHED
NEW PARTITION
TEMPORARY PARTITIONS AND FENCES

ABBREVIATIONS

&	AND	DBL	DOUBLE	G DISP	GARBAGE DISPOSER	(N)	NEW	S	SOUTH		
@	AT	DCS	DIAPER CHANGING STATION	GA	GAUGE	N	NORTH	SA	SUPPLY AIR		
Ø	DIAMETER OR ROUND	DED	DEDICATED	GALV	GALVANIZED	NA	NOT APPLICABLE	SAF	SELF-ADHERED FLASHING		
#	POUND OR NUMBER	DEMO	DEMOLITION	GB	GRAB BAR	NAT	NATURAL	SBSTR	SUBSTRATE		
+/-	PLUS OR MINUS	DEPT	DEPARTMENT	GC	GENERAL CONTRACTOR	NF	NEAR FACE	SC	SOLID CORE		
		DET	DETAIL	GDR	GUARD RAIL	NIC	NOT IN CONTRACT	SCD	TOILET SEAT COVER DISPENSER		
		DF	DRINKING FOUNTAIN	GEN	GENERAL	NKL	NICKEL	SCHED	SCHEDULE		
A/C	AIR CONDITION	DFJ	DEFLECTION JOINT	GFCI	GROUND FAULT CIRCUIT INTERRUPTER	NM	NON METALLIC	SCP	SCUPPER		
AAP	ALARM ANNUNCIATOR PANEL	DIA	DIAMETER	GL	GLASS	NO	NUMBER	SCWD	SOLID CORE WOOD DOOR		
AB	ANCHOR BOLT	DIM	DIMENSION	GL BLK	GLASS BLOCK	NOM	NOMINAL	SD	SMOKE DETECTOR, SOAP DISPENSER, OR STORM DRAIN		
ABC	AGGREGATE BASE COURSE	DISP	DISPENSER	GLU LAM	GLU LAMINATED WOOD	NR	NOISE REDUCTION				
AC	ASBESTOS CEMENT OR ASPHALTIC CONCRETE	DPTN	DEMOUNTABLE PARTITION	GLZ	GLAZING	NTS	NOT TO SCALE	SECT	SECTION		
		DR	DOOR	GPC	GYPSUM PLASTER CEILING			SF	SQUARE FOOT		
ACOUS	ACOUSTIC	DS	DOWNSPOUT					SGL	SINGLE		
ACP	ASPHALTIC CONCRETE PAVING	DSP	DRY STANDPIPE					SH	STAINLESS STEEL SHELF		
ACS OR	ACCESS DOOR	DW	DISHWASHER	HB	HOSE BIB	OA	OVERALL	SHR	SHOWER		
ACS FLR	ACCESS FLOOR	DWG	DRAWING	HC	HANDICAP OR HOSE CABINET	OC	ON CENTER	SHT	SHEET		
ACT	ACOUSTICAL CEILING TILE	DWR	DRAWER	HCWD	HOLLOW CORE WOOD DOOR	OCEW	ON CENTER EACH WAY	SHV	SHELVING		
AD	AREA DRAIN			HD	HAND DRYER	OCC	OCCUPANCY	SIG	SIGNAL		
ADA	AMERICANS WITH DISABILITIES ACT			HDBD	HARDBOARD	OD	OUTSIDE DIAMETER OR DIMENSION	SIM	SIMILAR		
ADH	ADHESIVE	(E)	EXISTING	HDR	HEADER	OF	OUTSIDE FACE	SKLT	SKYLIGHT		
ADJ	ADJACENT OR ADJUSTABLE	E	EAST	HDW	HARDWARE	OFCI	OWNER FURNISHED / CONTRACTOR INSTALLED	SLNT	SEALANT		
AFF	ABOVE FINISHED FLOOR	EA	EACH	HGR	HANGER			SM	SHEET METAL		
AGGR	AGGREGATE	ECU	EVAPORATIVE COOLING UNIT	HIM	HEALTH INFORMATION MANAGEMENT	OFOI	OWNER FURNISHED / OWNER INSTALLED	SMS	SHEET METAL SCREW		
ALT	ALTERNATE	ED	EMERGENCY DEPARTMENT	HLDN	HOLDDOWN	OFF	OFFICE	SND	SANITARY NAPKIN DISPENSER		
ALUM. AL	ALUMINUM	EF	EACH FACE OR EXTERIOR FINISH	HM	HOLLOW METAL	OH	OVERHANG	SND INS	SOUND INSULATION		
ANOD	ANODIZED	EHD	ELECTRIC HAND DRYER	HNDRL	HANDRAIL	OPNG	OPENING	SNDU	SANITARY NAPKIN DISPOSAL UNIT		
APPROX	APPROXIMATE	EIFS	EXTERIOR INSULATION AND FINISH SYSTEM	HORIZ	HORIZONTAL	OPP	OPPOSITE	SP	STANDPIPE		
ARCH	ARCHITECTURAL	EJ	EXPANSION JOINT	HOSP	HOSPITAL	OPT	OPTIONAL	SPEC	SPECIFICATION		
ASB	ASBESTOS	EL	ELEVATION	HP	HIGH POINT	OR	OPERATING ROOM	SPKLR	SPRINKLER		
ASPH	ASPHALT	ELAST	ELASTOMERIC	HS	HAND SINK	ORD	OVERFLOW ROOF DRAIN	SPKR	SPEAKER		
ASSY	ASSEMBLY	ELAST CTG	ELASTOMERIC COATING	HT	HEIGHT	ORIG	ORIGINAL	SPT	SPECIMEN PASS-THROUGH		
AV	AUDIO VISUAL OR AIR VENT	ELEC	ELECTRICAL	HVY	HEAVY	OSHA	OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION	SQ	SQUARE		
AVG	AVERAGE	ELEV	ELEVATOR	HW	HOT WATER			SS	SANITARY SEWER, SERVICE SINK, STANDING SEAM, OR STORM SEWER		
AWT	ACOUSTICAL WALL TREATMENT	EMER	EMERGENCY	HVAC	HEATING, VENTILATING, AND AIR CONDITIONING	OVFL	OVERFLOW	SST	STAINLESS STEEL		
		ENAM	ENAMEL					STD	STANDARD		
BAT	BATTEN	ENCL	ENCLOSURE	HYD	HYDRANT			STL	STEEL		
BB	BASEBOARD OR BULLETIN BOARD	ENGR	ENGINEER			PA	PUBLIC ADDRESS	STOR	STORAGE		
BD	BOARD	EP	EDGE OF PAVEMENT OR ELECTRICAL PANEL	ID	INSIDE DIAMETER	PAR	PARAPET	STRUC	STRUCTURAL		
BITUM	BITUMINOUS	EPB	ELECTRICAL PANEL BOARD	IDF	INTERMEDIATE DISTRIBUTION FRAME	PB	PANEL BOARD, PANIC BAR, OR PULL BOX	SURF	SURFACE		
BKBD	BACKBOARD	EQ	EQUAL	IF	INSIDE FACE	PBD	PARTICLE BOARD	SUSP	SUSPENDED		
BKG	BACKING	EQUIP	EQUIPMENT	IN	INCH	PC	PORTLAND CEMENT	SYS	SYSTEM		
BLDG	BUILDING	ESMT	EASEMENT	INC	INCANDESCENT	PCP	PORTLAND CEMENT PLASTER				
BLK	BLOCKING	EST	ESTIMATE	INSUL	INSULATION	PERF	PERFORATED				
BLT IN	BUILT-IN	EW	EACH WAY	INT	INTERIOR	PERIM	PERIMETER	T	TREAD		
BM	BEAM	EWC	ELECTRIC WATER COOLER	IR	INSIDE RADIUS	PERM	PERMANENT	T&G	TOUNGUE AND GROOVE		
BO	BY OWNER	EWH	ELECTRIC WATER HEATER	IWH	INSTANTANEOUS WATER HEATER	PERP	PERPENDICULAR	TB	THROUGH BOLT		
BP	BUILDING PAPER	EXIST	EXISTING			PL	PROPERTY LINE	TD	TOWEL DISPENSER OR TRENCH DRAIN		
BRG	BEARING	EXP JT	EXPANSION JOINT			PLAM	PLASTIC LAMINATE	TDR	TOWEL DISPENSER / RECEPTACLE		
BRZ	BRONZE	EXT	EXTERIOR	JAN	JANITOR	PLAS	PLASTER OR PLASTIC	TEL	TELEPHONE		
BUR	BUILT-UP ROOFING			J-BOX	JUNCTION BOX	PLBG	PLUMBING	TEMP	TEMPORARY		
				JT	JOINT	PLYWD	PLYWOOD	TER	TERRAZO		
		FA	FIRE ALARM			PNL	PANEL	TH	THICK OR THICKNESS		
C&G	CURB AND GUTTER	FAAP	FIRE ALARM ANNUNCIATOR PANEL			PR	PAIR	THRES	THRESHOLD		
CAB	CABINET	FACP	FIRE ALARM CONTROL PANEL	KIT	KITCHEN	PRCST	PRECAST	TMPD GL	TEMPERED GLASS		
CB	CATCH BASIN	FCTY	FACTORY	KPL	KICK PLATE	PRELIM	PRELIMINARY	TO_	TOP OF _		
CC	CENTER TO CENTER	FD	FLOOR DRAIN	KWY	KEYWAY	PRKG	PARKING	TP	TELEPHONE POLE		
CEM PLAS	CEMENT PLASTER	FDTN	FOUNDATION			PROJ	PROJECT	TPD	TOILET PAPER DISPENSER		
CER	CERAMIC	FE	FIRE EXTINGUISHER			PROP	PROPERTY	TRTD	TREATED		
CFCI	CONTRACTOR FURNISHED / CONTRACTOR INSTALLED	FEC	FIRE EXTINGUISHER CABINET	L	ANGLE OR LENGTH	PS	PULL STATION	TS	TUBE STEEL		
		FF	FINISHED FACE	LAB	LABORATORY	PSF	POUND PER SQUARE FOOT	TSTAT	THERMOSTAT		
CFOI	CONTRACTOR FURNISHED / OWNER INSTALLED	FH	FIRE HYDRANT	LAD	LADDER	PSI	POUND PER SQUARE INCH	TV	TELEVISION		
		FHC	FIRE HOSE CABINET	LAM	LAMINATE	PT	PAINT	TYP	TYPICAL		
CFLG	COUNTERFLASHING	FHMS	FLAT HEAD MACHINE SCREW	LAM GL	LAMINATED GLASS	PTD	PAPER TOWEL DISPENSER				
CG	CORNER GUARD	FHWS	FLAT HEAD WOOD SCREW	LAV	LAVATORY	PTN	PARTITION				
CH	COAT HOOK	FIN FLR	FINISHED FLOOR	LED	LIGHT EMITTING DIODE	PTR	PAPER TOWEL RECEPTACLE	UNFIN	UNFINISHED		
CI	CAST IRON	FIN GRD	FINISHED GRADE	LF	LINEAR FOOT	PVG	PAVING	UON	UNLESS OTHERWISE NOTED		
CIP	CAST IN PLACE	FIXT	FIXTURE	LIB	LIBRARY	PWR	POWER	UR	URINAL		
CJ	CONSTRUCTION JOINT OR CONTROL JOINT	FLASH	FLASHING	LIN	LINEAR			UTIL	UTILITY		
CL	CENTERLINE	FLDG	FOLDING	LKR	LOCKER						
CLG	CEILING	FLG	FLANGE	LNDSCP	LANDSCAPE	QT	QUARRY TILE				
CLO	CLOSET	FLR	FLOOR	LT	LIGHT	QTY	QUANTITY	VAR	VARIES		
CLR	CLEAR	FLR REG	FLOOR REGISTER	LT GA	LIGHT GAUGE			VB	VINYL BASE		
CMPTR	COMPUTER	FLR SK	FLOOR SINK	LTG	LIGHTING			VCT	VINYL COMPOSITION TILE		
CMU	CONCRETE MASONRY UNIT	FLUOR	FLUORESCENT	LTG PNL	LIGHTING PANEL	(R)	REMOVE	VENT	VENTILATE OR VENTILATION		
CNTR	COUNTER	FO	FINISHED OPENING	LVR	LOUVER	R	RISER OR RADIUS	VERT	VERTICAL		
CO	CASED OPENING OR CLEANOUT	FO_	FACE OF _			RB	RUBBER BASE	VEST	VESTIBULE		
COL	COLUMN	FR	FIRE RATING OR FIRE RESISTANT			RD	ROOF DRAIN	VFAT	VINYL FACED ACOUSTICAL TILE		
CONC	CONCRETE	FRG	FIBER REINFORCED GYPSUM	MACH	MACHINE	RDG INS	RIGID INSULATION	VIF	VERIFY IN FIELD		
COND	CONDITION	FRMG	FRAMING	MAS	MASONRY	REF	REFRIGERANT	VNR	VENEER		
CONN	CONNECT OR CONNECTION	FRP	FIBERGLASS REINFORCED PLASTIC	MATL	MATERIAL	REFL	REFLECTED	VR	VAPOR RETARDER		
CONSTR	CONSTRUCTION	FRZ	FREEZER	MAX	MAXIMUM	REFR	REFRIGERATOR	VTR	VENT-THROUGH-ROOF		
CONT	CONTINUOUS	FS	FULL SCALE OR SIZE	MB	MACHINE BOLT	REG	REGISTER	VWC	VINYL WALL COVERING		
CONTR	CONTRACT OR CONTRACTOR	FSTNR	FASTENER	MBR	MEMBER	REINF	REINFORCED	VWF	VINYL WALL FABRIC		
COORD	COORDINATE	FT	FEET	MC	MEDICINE CABINET	REQ	REQUIRE				
CORR	CORRIDOR	FTG	FOOTING	MECH	MECHANICAL	REQD	REQUIRED				
COTG	CLEANOUT TO GRADE	FURG	FURRING	MED	MEDIUM	REST	RESTROOM	W	WEST		
CP	CONTROL PANEL	FURN	FURNISH OR FURNITURE	MEMB	MEMBRANE	REV	REVISION	W	WITH		
CPT	CARPET OR COMMON PATH OF TRAVEL	FUT	FUTURE	MFD	MANUFACTURED	RFG	ROOFING	W/O	WITHOUT		
CSK	COUNTERSUNK	FWC	FABRIC WALL COVERING	MFR	MANUFACTURER	RH	ROOF HATCH	WBL	WOOD BLOCKING		
CT	CERAMIC TILE			MH	MAN HOLE	RLG	RAILING	WC	WALL COVERING OR WATER CLOSET		
CTR	CENTER			MID	MIDDLE	RM	ROOM	WD	WOOD		
CW	COLD WATER			MIN	MINIMUM	RND	ROUND	WDP	WOOD PANELING		
				MIRR	MIRROR	RO	ROUGH OPENING	WGL	WIRED GLASS		
				MISC	MISCELLANEOUS	RS	ROUGH SAWN	WH	WATER HEATER		
				ML	METAL LATH	RTF	RUBBER TILE FLOOR	WM	WIRE MESH OR WATER METER		
				MLWK	MILLWORK	RTG	RATING	WP	WALL PROTECTION		
				MO	MASONRY OPENING	RV	ROOF VENT	WPT	WORKING POINT		
				MOD BIT	MODIFIED BITUMIN	RWD	REDWOOD	WR	WASTE RECEPTACLE OR WATER RESISTANT		
				MS	MACHINE SCREW OR MOP SINK	RWL	RAIN WATER LEADER	WSCT	WAINSCOT		
				MTD	MOUNTED			WT	WEIGHT		
				MTL	METAL			WWF	WELDED WIRE MESH		
				MULL	MULLION						

RATCLIFF
5856 Doyle Street
Emeryville, CA 94608
Tel 510 899 6400
www.ratcliffarch.com

REGISTERED ARCHITECT — No. C-18257 — REN. 12-31-25 — STATE OF CALIFORNIA

ISSUE SCHEDULE	NO.	DATE
PLANNING RESUBMITTAL 1	1	09/13/24
PLANNING RESUBMITTAL 2	2	11/19/24
RESPONSE TO PLANNING	3	12/17/24

ST. RAYMOND'S CHURCH

1100 Santa Cruz Ave
Menlo Park, CA 94025

CHAPEL IMPROVEMENTS

SHEET TITLE:

COVER SHEET

SCALE: As indicated
PROJECT NUMBER: 22425.00

SHEET NUMBER: G-001

6/20/2024 Permit Set

D:\07\2025 11 05 11.rvt

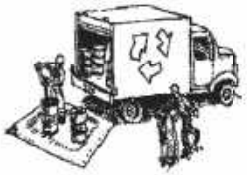
A5 1 2 3 4 5

SAN MATEO COUNTYWIDE
Water Pollution Prevention Program
Clean Water. Healthy Community.

Construction Best Management Practices (BMPs)

Construction projects are required to implement the stormwater best management practices (BMP) on this page, as they apply to your project, all year long.

Materials & Waste Management



Non-Hazardous Materials

- ❑ Berm and cover stockpiles of sand, dirt or other construction material with tarps when rain is forecast or if not actively being used within 14 days.
- ❑ Use (but don't overuse) reclaimed water for dust control.

Hazardous Materials

- ❑ Label all hazardous materials and hazardous wastes (such as pesticides, paints, thinners, solvents, fuel, oil, and antifreeze) in accordance with city, county, state and federal regulations.
- ❑ Store hazardous materials and wastes in water tight containers, store in appropriate secondary containment, and cover them at the end of every work day or during wet weather or when rain is forecast.
- ❑ Follow manufacturer's application instructions for hazardous materials and be careful not to use more than necessary. Do not apply chemicals outdoors when rain is forecast within 24 hours.
- ❑ Arrange for appropriate disposal of all hazardous wastes.

Waste Management

- ❑ Cover waste disposal containers securely with tarps at the end of every work day and during wet weather.
- ❑ Check waste disposal containers frequently for leaks and to make sure they are not overfilled. Never hose down a dumpster on the construction site.
- ❑ Clean or replace portable toilets, and inspect them frequently for leaks and spills.
- ❑ Dispose of all wastes and debris properly. Recycle materials and wastes that can be recycled (such as asphalt, concrete, aggregate base materials, wood, gyp board, pipe, etc.)
- ❑ Dispose of liquid residues from paints, thinners, solvents, glues, and cleaning fluids as hazardous waste.

Construction Entrances and Perimeter

- ❑ Establish and maintain effective perimeter controls and stabilize all construction entrances and exits to sufficiently control erosion and sediment discharges from site and tracking off site.
- ❑ Sweep or vacuum any street tracking immediately and secure sediment source to prevent further tracking. Never hose down streets to clean up tracking.

Equipment Management & Spill Control

Maintenance and Parking

- ❑ Designate an area, fitted with appropriate BMPs, for vehicle and equipment parking and storage.
- ❑ Perform major maintenance, repair jobs, and vehicle and equipment washing off site.
- ❑ If refueling or vehicle maintenance must be done onsite, work in a bermed area away from storm drains and over a drip pan or drop cloths big enough to collect fluids. Recycle or dispose of fluids as hazardous waste.
- ❑ If vehicle or equipment cleaning must be done onsite, clean with water only in a bermed area that will not allow rinse water to run into gutters, streets, storm drains, or surface waters.
- ❑ Do not clean vehicle or equipment onsite using soaps, solvents, degreasers, or steam cleaning equipment.

Spill Prevention and Control

- ❑ Keep spill cleanup materials (e.g., rags, absorbents and cat litter) available at the construction site at all times.
- ❑ Inspect vehicles and equipment frequently for and repair leaks promptly. Use drip pans to catch leaks until repairs are made.
- ❑ Clean up spills or leaks immediately and dispose of cleanup materials properly.
- ❑ Do not hose down surfaces where fluids have spilled. Use dry cleanup methods (absorbent materials, cat litter, and/or rags).
- ❑ Sweep up spilled dry materials immediately. Do not try to wash them away with water, or bury them.
- ❑ Clean up spills on dirt areas by digging up and properly disposing of contaminated soil.
- ❑ Report significant spills immediately. You are required by law to report all significant releases of hazardous materials, including oil. To report a spill: 1) Dial 911 or your local emergency response number, 2) Call the Governor's Office of Emergency Services Warning Center, (800) 852-7550 (24 hours).

Earthmoving

- ❑ Schedule grading and excavation work during dry weather.
- ❑ Stabilize all denuded areas, install and maintain temporary erosion controls (such as erosion control fabric or bonded fiber matrix) until vegetation is established.
- ❑ Remove existing vegetation only when absolutely necessary, and seed or plant vegetation for erosion control on slopes or where construction is not immediately planned.
- ❑ Prevent sediment from migrating offsite and protect storm drain inlets, gutters, ditches, and drainage courses by installing and maintaining appropriate BMPs, such as fiber rolls, silt fences, sediment basins, gravel bags, berms, etc.
- ❑ Keep excavated soil on site and transfer it to dump trucks on site, not in the streets.

Contaminated Soils

- ❑ If any of the following conditions are observed, test for contamination and contact the Regional Water Quality Control Board:
  - Unusual soil conditions, discoloration, or odor.
  - Abandoned underground tanks.
  - Abandoned wells
  - Buried barrels, debris, or trash.

Paving/Asphalt Work

- ❑ Avoid paving and seal coating in wet weather or when rain is forecast, to prevent materials that have not cured from contacting stormwater runoff.
- ❑ Cover storm drain inlets and manholes when applying seal coat, tack coat, slurry seal, fog seal, etc.
- ❑ Collect and recycle or appropriately dispose of excess abrasive gravel or sand. Do NOT sweep or wash it into gutters.
- ❑ Do not use water to wash down fresh asphalt concrete pavement.

Sawcutting & Asphalt/Concrete Removal

- ❑ Protect nearby storm drain inlets when saw cutting. Use filter fabric, catch basin inlet filters, or gravel bags to keep slurry out of the storm drain system.
- ❑ Shovel, absorb, or vacuum saw-cut slurry and dispose of all waste as soon as you are finished in one location or at the end of each work day (whichever is sooner!).
- ❑ If sawcut slurry enters a catch basin, clean it up immediately.

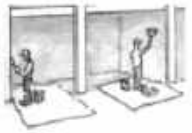
Concrete, Grout & Mortar Application

- ❑ Store concrete, grout, and mortar away from storm drains or waterways, and on pallets under cover to protect them from rain, runoff, and wind.
- ❑ Wash out concrete equipment/trucks offsite or in a designated washout area, where the water will flow into a temporary waste pit, and in a manner that will prevent leaching into the underlying soil or onto surrounding areas. Let concrete harden and dispose of as garbage.
- ❑ When washing exposed aggregate, prevent wastewater from entering storm drains. Block any inlets and vacuum gutters, hose washwater onto dirt areas, or drain onto a bermed surface to be pumped and disposed of properly.

Landscaping

- ❑ Protect stockpiled landscaping materials from wind and rain by storing them under tarps all year-round.
- ❑ Stack bagged material on pallets and under cover.
- ❑ Discontinue application of any erodible landscape material within 2 days before a forecast rain event or during wet weather.

Painting & Paint Removal



Painting Cleanup and Removal

- ❑ Never clean brushes or rinse paint containers into a street, gutter, storm drain, or stream.
- ❑ For water-based paints, paint out brushes to the extent possible, and rinse into a drain that goes to the sanitary sewer. Never pour paint down a storm drain.
- ❑ For oil-based paints, paint out brushes to the extent possible and clean with thinner or solvent in a proper container. Filter and reuse thinners and solvents. Dispose of excess liquids as hazardous waste.
- ❑ Paint chips and dust from non-hazardous dry stripping and sand blasting may be swept up or collected in plastic drop cloths and disposed of as trash.
- ❑ Chemical paint stripping residue and chips and dust from marine paints or paints containing lead, mercury, or tributyltin must be disposed of as hazardous waste. Lead based paint removal requires a state-certified contractor.

Dewatering

- ❑ Discharges of groundwater or captured runoff from dewatering operations must be properly managed and disposed. When possible send dewatering discharge to landscaped area or sanitary sewer. If discharging to the sanitary sewer call your local wastewater treatment plant.
- ❑ Divert run-on water from offsite away from all disturbed areas.
- ❑ When dewatering, notify and obtain approval from the local municipality before discharging water to a street gutter or storm drain. Filtration or diversion through a basin, tank, or sufficient map may be required.
- ❑ In areas of known or suspected contamination, call your local agency to determine whether the ground water must be tested. Pumped groundwater may need to be collected and hauled off-site for treatment and proper disposal.

Storm drain polluters may be liable for fines of up to $10,000 per day!

RATCLIFF
5856 Doyle Street
Emeryville, CA 94608
Tel 510 899 6400
www.ratcliffarch.com

REGISTERED ARCHITECT
No. C-18257
REN. 12-31-25
STATE OF CALIFORNIA

ISSUE SCHEDULE	NO.	DATE

ST. RAYMOND'S CHURCH

1100 Santa Cruz Ave
Menlo Park, CA 94025

CHAPEL IMPROVEMENTS

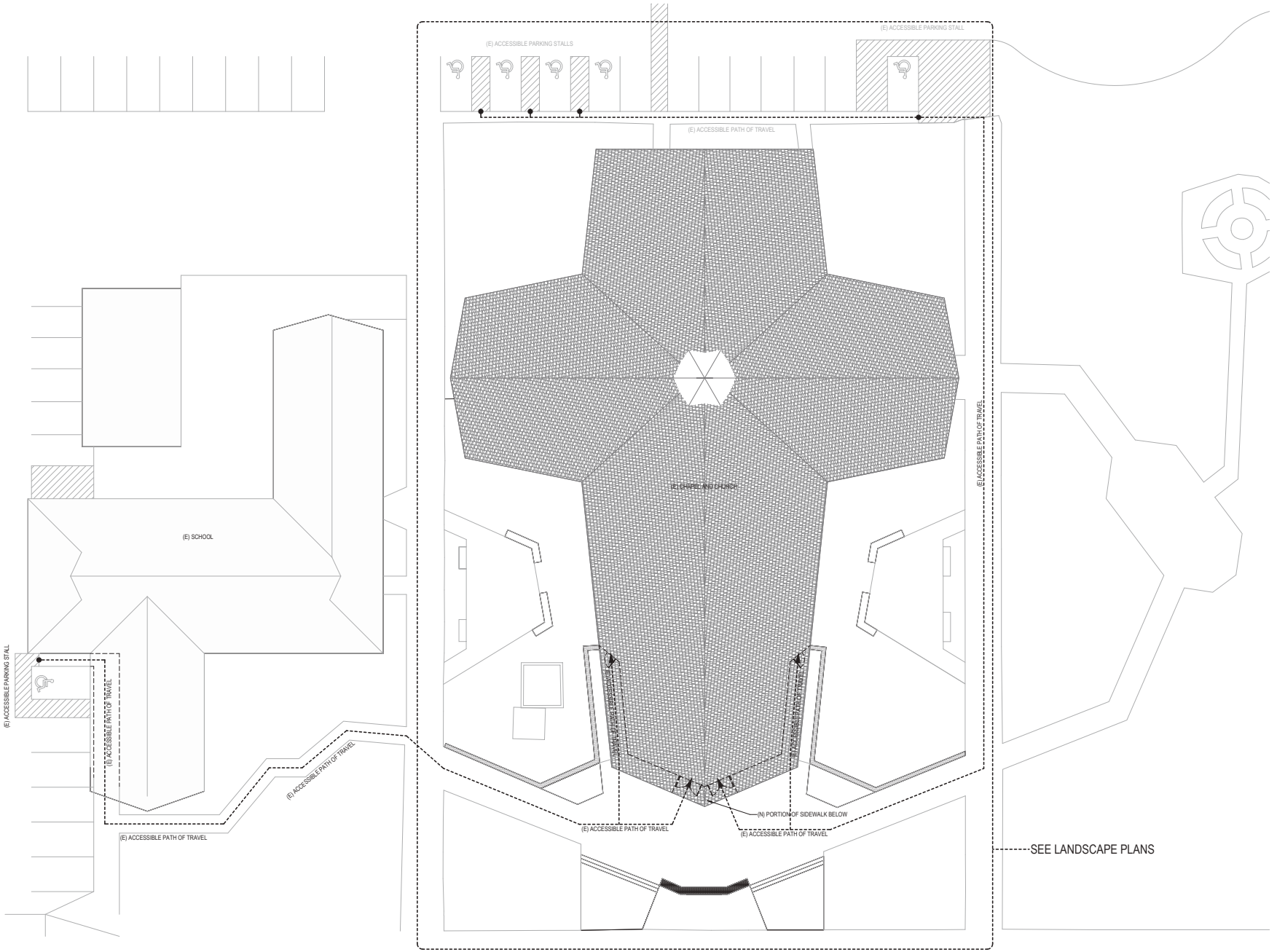
SHEET TITLE:
BEST MANAGEMENT PRACTICES

SCALE:

PROJECT NUMBER: 22425.00

SHEET NUMBER: G-002

6/20/2024 Permit Set



NOTE:
ALL (E) PATHS OF INGRESS/EGRESS REMAIN, SEE LANDSCAPE FOR (E) SITE PLAN

A7 SITE PLAN
1" = 10'-0"

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Emeryville, CA 94608
Tel 510 899 6400
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REGISTERED ARCHITECT
No. C-18257
REN. 12-31-25
STATE OF CALIFORNIA

ISSUE SCHEDULE	NO.	DATE

KEY PLAN

0' 5' 10' 20' 40'
SCALE: 1" = 10'-0"

PROJECT NORTH TRUE NORTH

ST. RAYMOND'S CHURCH

1100 Santa Cruz Ave
Menlo Park, CA 94025

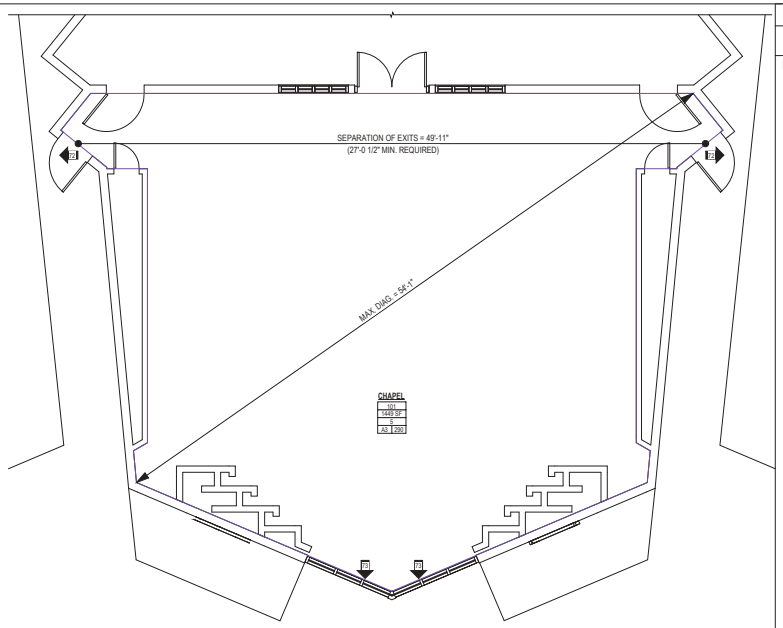
CHAPEL IMPROVEMENTS

SHEET TITLE:
SITE PLAN

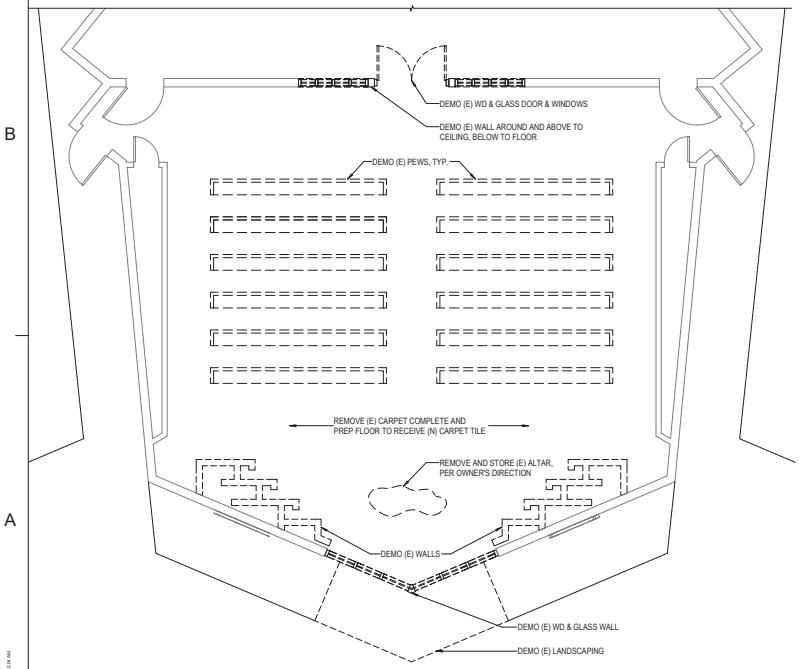
SCALE: 1" = 10'-0"
PROJECT NUMBER: 22425.00

SHEET NUMBER: AS100

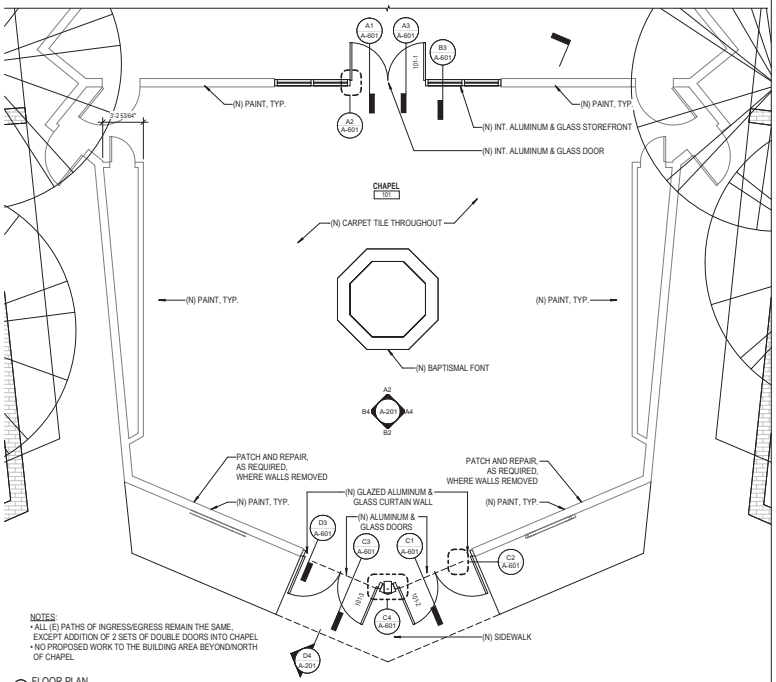
Permit Set 6/20/2024



1 FIRE & LIFE SAFETY PLAN
1/4" = 1'-0"



A1 DEMOLITION PLAN
1/4" = 1'-0"



A3 FLOOR PLAN
1/4" = 1'-0"

LEGEND

(E) PARTITION
PARTITION

FIRE LIFE SAFETY LEGEND

TAGS

NAME
101
150 SF
100
S 6

AREA NAME
AREA NUMBER
AREA SQUARE FOOTAGE
OCCUPANCY LOAD FACTOR
NUMBER OF OCCUPANTS
CODE USE CLASSIFICATION (CHAPTER 3)

REQUIRED EXIT
101

ASSUMED DIRECTION OF TRAVEL EXIT ACCESS
OF OCCUPANTS AT EXIT
EGRESS: COMMON PATH OF TRAVEL

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REGISTERED ARCHITECT
No. C-18257
REN. 12-31-25
STATE OF CALIFORNIA

ISSUE SCHEDULE	NO.	DATE

KEY PLAN

0' 2' 4' 8' 16'
SCALE: 1/4" = 1'-0"

PROJECT NORTH
TRUE NORTH

ST. RAYMOND'S CHURCH

1100 Santa Cruz Ave
Menlo Park, CA 94025

CHAPEL IMPROVEMENTS

SHEET TITLE:

DEMOLITION PLAN, FLOOR PLAN, AND FIRE & LIFE SAFETY PLAN

SCALE: As indicated
PROJECT NUMBER: 22425.00

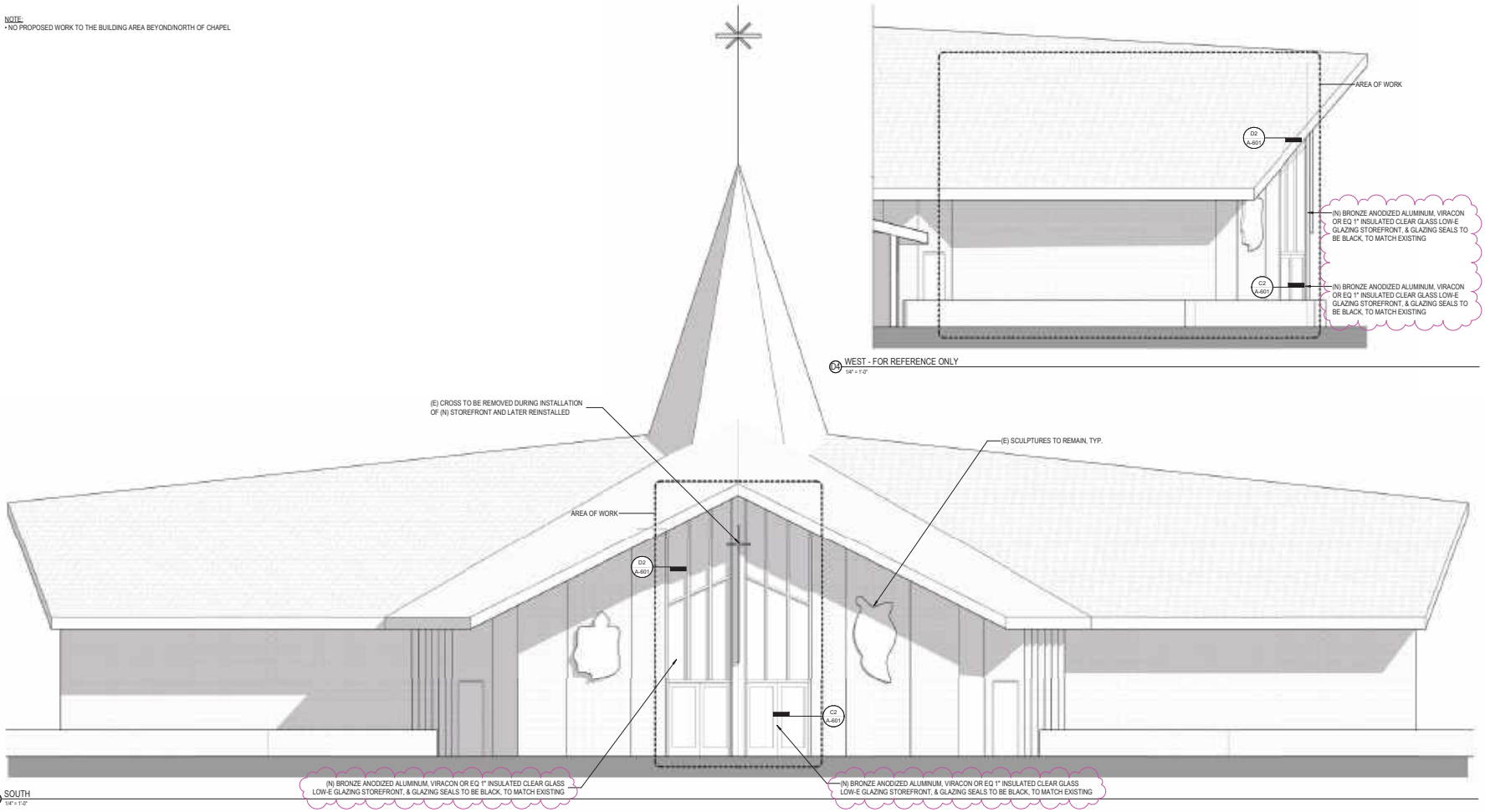
SHEET NUMBER: A-101

6/20/2024 Permit Set

11/8/2024 1:53:08 AM

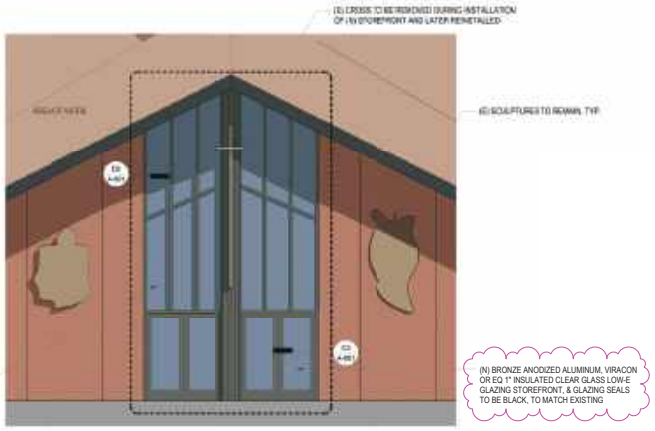
A8

NOTE:
• NO PROPOSED WORK TO THE BUILDING AREA BEYOND/NORTH OF CHAPEL

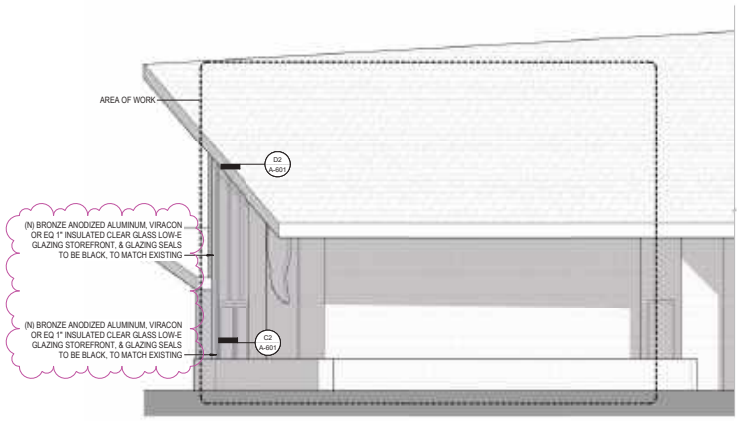


B1 SOUTH
1/4" = 1'-0"

B4 WEST - FOR REFERENCE ONLY
1/4" = 1'-0"



A1 ENLARGED ELEVATION - SOUTH
1/4" = 1'-0"



A4 EAST - FOR REFERENCE ONLY
1/4" = 1'-0"

RATCLIFF
5856 Doyle Street
Emeryville, CA 94608
Tel 510 899 6400
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REGISTERED ARCHITECT
JOHN D. RATCLIFF
No. C-18257
REN. 12-31-25
STATE OF CALIFORNIA

ISSUE SCHEDULE	NO.	DATE
RESPONSE TO PLANNING	3	12/17/24

0' 2' 4' 8' 16'
SCALE: 1/4" = 1'-0"

ST. RAYMOND'S CHURCH

1100 Santa Cruz Ave
Menlo Park, CA 94025

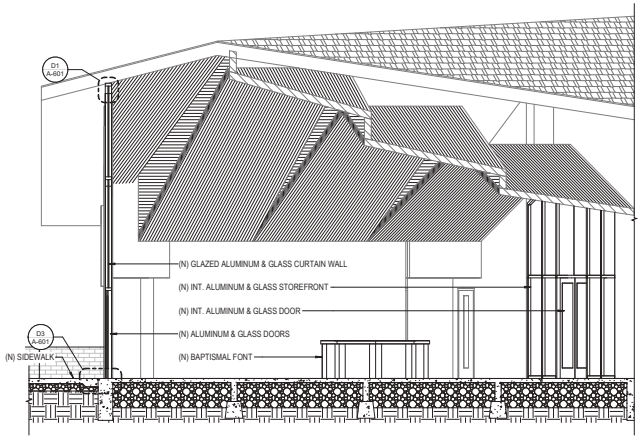
CHAPEL IMPROVEMENTS

SHEET TITLE:
ELEVATIONS

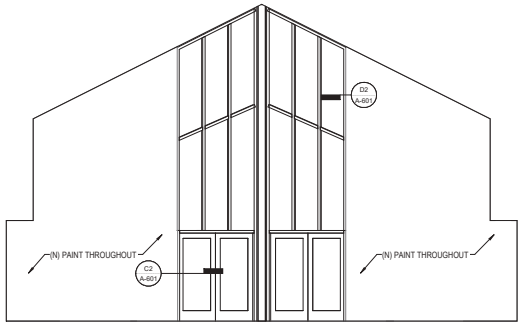
SCALE: 1/4" = 1'-0"
PROJECT NUMBER: 22425.00

SHEET NUMBER: A-200

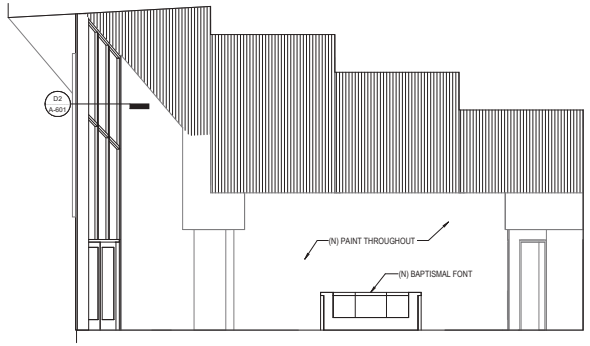
Permit Set
6/20/2024



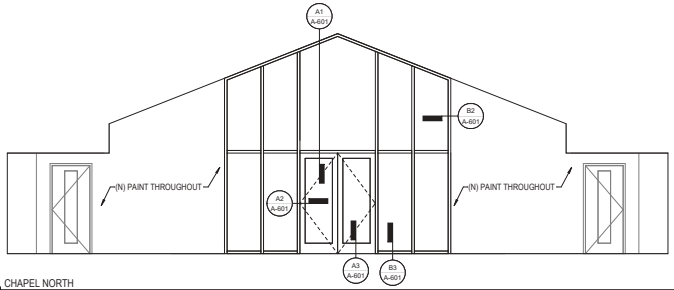
D4 BLDG SECTION @ DOOR
1/4" = 1'-0"



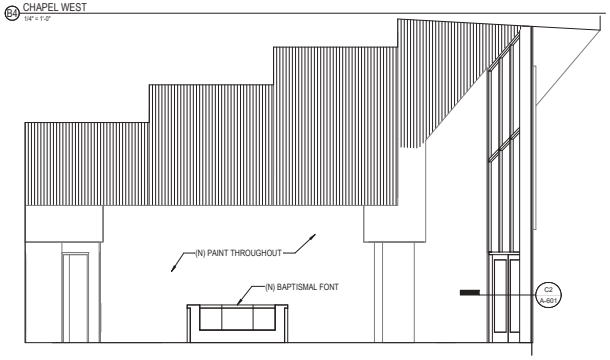
B2 CHAPEL SOUTH
1/4" = 1'-0"



B4 CHAPEL WEST
1/4" = 1'-0"



A2 CHAPEL NORTH
1/4" = 1'-0"



A4 CHAPEL EAST
1/4" = 1'-0"

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Tel 510 899 6400
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REGISTERED ARCHITECT
No. C-18257
REN. 12-31-25
STATE OF CALIFORNIA

ISSUE SCHEDULE	NO.	DATE

0' 2' 4' 8' 16'
SCALE: 1/4" = 1'-0"

ST. RAYMOND'S CHURCH

1100 Santa Cruz Ave
Menlo Park, CA 94025

CHAPEL IMPROVEMENTS

SHEET TITLE:
ELEVATIONS AND SECTION

SCALE: 1/4" = 1'-0"
PROJECT NUMBER: 22425.00

SHEET NUMBER: A-201

6/20/2024 Permit Set

A1 STREETSCAPE ELEVATION ALONG SANTA CRUZ AVE
1" = 10'-0"

RATCLIFF
6816 Doyle Street
Emeryville, CA 94608
Tel 510 899 6400
www.ratcliffarch.com

ISSUE SCHEDULE	NO.	DATE

0' 5' 10' 20' 40'
SCALE: 1" = 10'-0"

ST. RAYMOND'S CHURCH

1100 Santa Cruz Ave.
Menlo Park, CA 94025

CHAPEL IMPROVEMENTS

SHEET TITLE:
STREETSCAPE ELEVATION

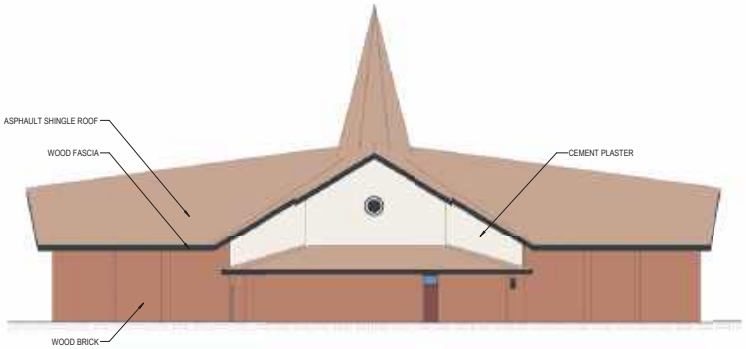
SCALE: 1" = 10'-0"
PROJECT NUMBER: 22425.00

SHEET NUMBER: A-202

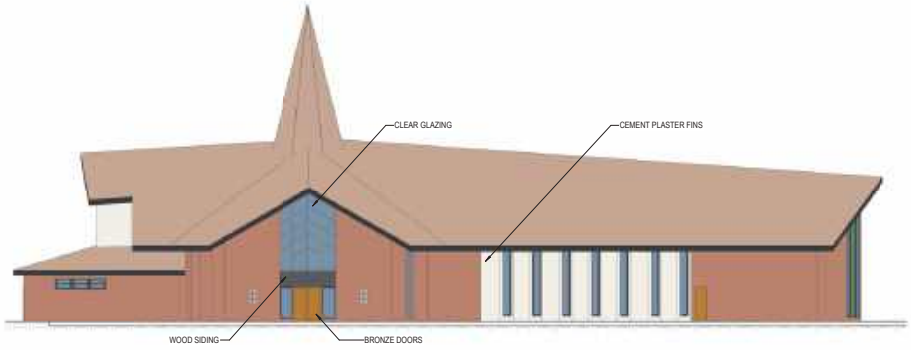
Permit Set
6/20/2024

A11

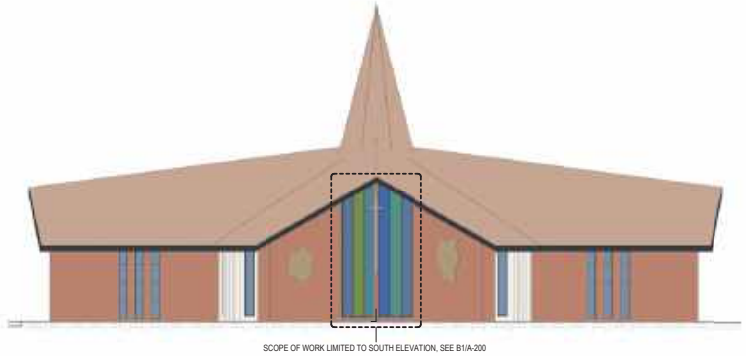
C1 (E) EXTERIOR ELEVATION - EAST (NO WORK ON THIS ELEVATION)
1" = 10'-0"



C4 (E) EXTERIOR ELEVATION - NORTH (NO WORK ON THIS ELEVATION)
1" = 10'-0"



B1 (E) EXTERIOR ELEVATION - WEST (NO WORK ON THIS ELEVATION)
1" = 10'-0"



B4 (E) EXTERIOR ELEVATION - SOUTH
1" = 10'-0"

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5856 Doyle Street
Emeryville, CA 94608
Tel 510 899 6400
www.ratcliffarch.com

REGISTERED ARCHITECT
No. C-18257
REN. 12-31-25
STATE OF CALIFORNIA

ISSUE SCHEDULE	NO.	DATE

0' 5' 10' 20' 40'
SCALE: 1" = 10'-0"

ST. RAYMOND'S CHURCH

1100 Santa Cruz Ave
Menlo Park, CA 94025

CHAPEL IMPROVEMENTS

SHEET TITLE:
EXISTING ELEVATIONS

SCALE:
PROJECT NUMBER: 22425.00

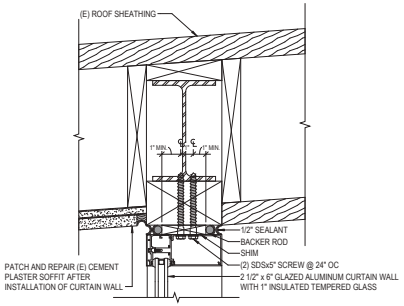
SHEET NUMBER: A-203

6/20/2024 Permit Set

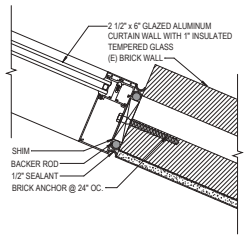
A12

1 2 3 4 5

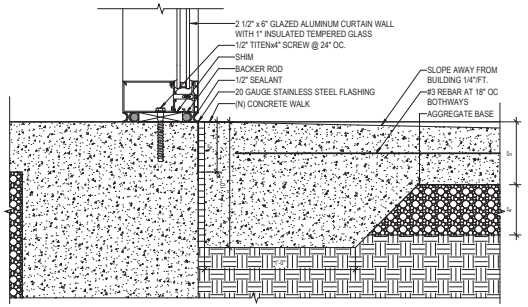
D C B A



D1 HEAD DETAIL @ (N) EXTERIOR CURTAIN WALL
3" = 1'-0"



D2 JAMB DETAIL @ (N) EXTERIOR CURTAIN WALL
3" = 1'-0"

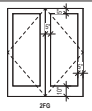


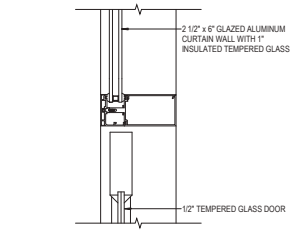
D3 SILL DETAIL @ NEW EXTERIOR CURTAIN WALL
3" = 1'-0"

OPENING SCHEDULE - DOORS

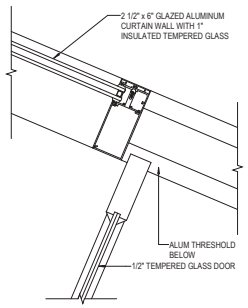
Mark	WIDTH	HEIGHT	RATING	DOOR TYPE	DOOR MATL	DOOR FINISH	FRAME TYPE	FRAME HEAD	FRAME JAMB	FRAME SILL	FRAME FINISH	HDW GROUP	GLAZE TYPE	REMARKS
101-1	6'-0"	8'-0"	NR	3FG	AL		NA					02	3/8" LAMINATED	
101-2	6'-5 15/64"	7'-0"	NR	3FG	AL		NA					01	1" LAMINATED	
101-3	6'-5 15/64"	7'-0"	NR	3FG	AL		NA					01	1" LAMINATED	

DOOR TYPES

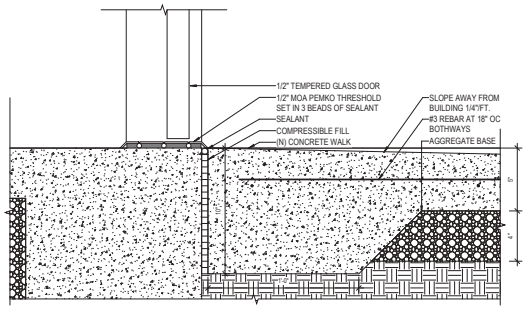




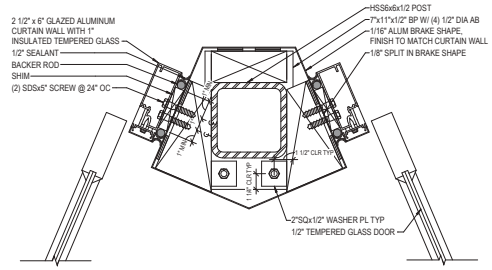
C1 HEAD DETAIL @ (N) EXTERIOR DOOR
3" = 1'-0"



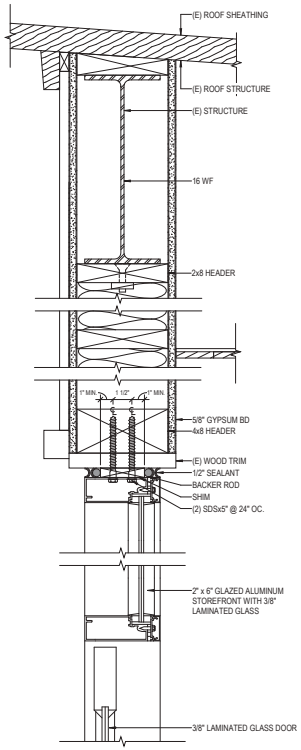
C2 JAMB DETAIL @ (N) EXTERIOR DOOR
3" = 1'-0"



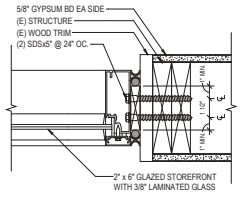
C3 SILL DETAIL @ (N) EXTERIOR DOOR
3" = 1'-0"



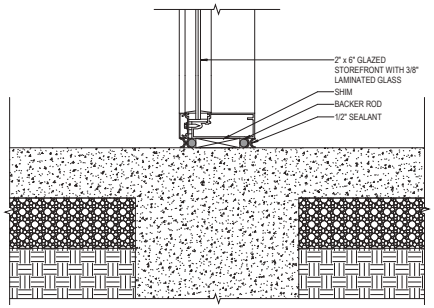
C4 CENTER MULLION DETAIL @ (N) EXTERIOR DOOR
3" = 1'-0"



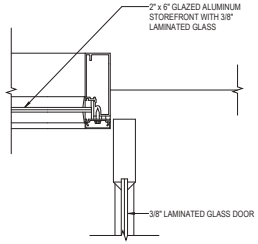
A1 HEAD DETAIL @ (N) INTERIOR DOOR & WINDOW WALL
3" = 1'-0"



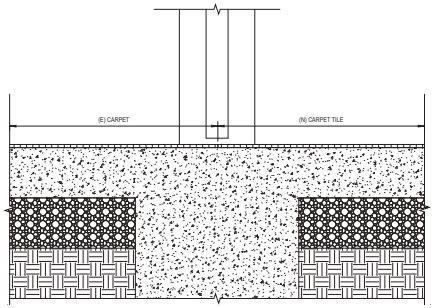
B2 JAMB DETAIL @ (N) INTERIOR WINDOW WALL
3" = 1'-0"



B3 SILL DETAIL @ (N) INTERIOR WINDOW WALL
3" = 1'-0"



A2 JAMB DETAIL @ (N) INTERIOR DOOR
3" = 1'-0"



A3 SILL DETAIL @ (N) INTERIOR DOOR
3" = 1'-0"

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Emeryville, CA 94608
Tel 510 899 6400
www.ratcliffarch.com

REGISTERED ARCHITECT
No. C-18257
REN. 12-31-25
STATE OF CALIFORNIA

ISSUE SCHEDULE	NO.	DATE

0" 3" 6" 9" 1' 1'-4"
SCALE: 3" = 1'-0"

ST. RAYMOND'S CHURCH

1100 Santa Cruz Ave
Menlo Park, CA 94025

CHAPEL IMPROVEMENTS

SHEET TITLE:
DOOR SCHEDULE & LEGENDS AND WINDOW DETAILS

SCALE: As indicated
PROJECT NUMBER: 22425.00

SHEET NUMBER: A-601

6/20/2024 Permit Set

A13

LAYOUT LEGEND

Shrubs and Ground Cover Planting

Pedestrian Unit Pavers

Pedestrian Concrete Paving

Fire Hydrant

Utility Boxes

Below grade utilities as noted

Pedestrian Scale Pole Light

Bollard Light

Up Light

TR — Tree From Survey

E.J. — Expansion Joint

S.A.D. — See Architect's Drawings

S.C.F.S — See Color and Finish Schedule

X — Detail Number

L-X — Sheet Number

Property Line

Center Line

Phase Line

Match Line

Align

FINE GRADING AND DRAINAGE LEGEND

+60.3	Spot Elevation
T.C. (60.6)	Top of Curb Elevation (from Civil Engineer's Survey, verify)
T.C.I. (60.6)	Top of Curb Elevation Interpolated (from Civil Engineer's Survey, verify)
+H.P. 61.2	Relative High Point
T.S. 61.25	Top of Step Elevation
B.S. 60.1	Bottom of Step Elevation
T.R. 61.25	Top of Ramp Elevation
B.R. 60.1	Bottom of Ramp Elevation
T.W. 63.4	Top of Wall Elevation
B.W. 60.4	Bottom of Wall Elevation. (Finish Grade of Soil or Paving)
T.F. 63.4	Top of Fence
B.F. 60.4	Bottom of Fence Elevation
T.B. 63.4	Top of Bench
B.B. 60.4	Bottom of Bench Elevation

Direction of Surface Water Flow

Grade Break (Ridge Line)

LAYOUT NOTES

1. The Contractor shall verify all distances and dimensions in the field and bring any discrepancies to the attention of the Landscape Architect for a decision before proceeding with the work.
2. Contractor to take all necessary precautions to protect buildings and waterproof membranes from damage. Any damage caused by the Contractor or the Contractor's representatives during their activities shall be repaired at no cost to the Owner.
3. All written dimensions supersede all scaled distances and dimensions. Dimensions shown are from the face of building wall, face of curb, edge of walk, property line, or centerline of column unless otherwise noted on the drawings.
4. Walk scoring, expansion joints and paving shall be located as indicated on the Layout Plans, Landscape Construction Details, in the Specifications, or as field adjusted under the direction of the Landscape Architects.
5. Building renovation information is based on drawings prepared by:
   Ratcliff Architects
   5856 Doyle Street
   Emeryville, CA 94608
   510.899.6400
6. Survey prepared by:
   Kier + Wright
   3350 Scott Boulevard, Building 22
   Santa Clara, CA 95054
   408.727.6665
7. The Contractor is to verify location of all on-site utilities before commencing with the work. The Contractor shall be responsible for the repair of any damage to utilities caused by the activities of the Contractor or the Contractor's representatives. Any utilities shown on Landscape Drawings are for reference and coordination purposes only.
8. All uplights are to be directed upward into the trees or objects they are intended to illuminate. Uplight positioning is subject to field modification by the Landscape Architect.
9. Protect all existing construction from damage. The Contractor shall be responsible for the repair of any damage to existing construction caused by the activities of the Contractor or the Contractor's representatives.
10. Expansion joints shall be located no less than 16' o.c. nor greater than 20' o.c. and/or as indicated on the Layout Plans, Landscape Construction Details, in Specifications, or as field adjusted under the direction of the Landscape Architect.
11. All existing cracked or damaged features along the property frontage must be repaired in kind. All frontage improvement work shall be in accordance with the latest version of the City Standard Details.
12. Any frontage improvements which are damaged as a result of construction will be required to be replaced per the satisfaction of Public Works' Director and or designee.
13. An encroachment permit from the Engineering Division is required prior to any construction activities in the public right of way.

FINE GRADING NOTES

1. The Landscape Contractor is responsible for fine grading and positive surface drainage in all landscape areas. The Contractor shall verify all rough grades in the field and bring any discrepancies to the attention of the Landscape Architect for a decision before proceeding with the work.
2. See Civil Engineer's drawings for road surface elevations, roadway sections, catch basins, and top of curb elevations. Top of curb elevations shown on Landscape drawings are for reference and coordination purposes only.
3. Earth mounds are shown diagrammatically for form and location. Shaping of mounds to be reviewed and approved in the field by the Landscape Architect.
4. Contractors are to exercise extreme care in back filling and compacting any excavation or trenching in areas previously compacted for other aspects of the work.
5. The Landscape Contractor shall remove from the site all debris and unsuitable material generated by the Contractor's operations.
6. All on-grade areas to receive planting are to be received by the fine grading Contractor within a tenth of a foot of final grade. The Landscape Contractor shall rip compacted rough graded soil to a depth of 8 inches, then till in the soil amendment. Soil amendment shall be determined by an Agricultural Suitabilities Analysis conducted by a licensed soils laboratory upon sample(s) taken from the rough graded soil. This analysis shall be conducted and paid for by the General Contractor.
7. Minimum paving slope to be 2% typically with a maximum cross slope of 2%. Minimum planting area slope to be 2% typically. Bring any discrepancies to the attention of the Landscape Architect for a decision prior to fine grading.
8. All slopes 2-½:1 and greater shall have jute mesh erosion control netting installed per manufacturer's specifications. Lap netting minimum 2'-0" and stake.
9. Grading shall be in conformance with all local codes and ordinances. Swales shall be a minimum of four (4) feet from all structures.
10. Grades to be constant and uniform between spot elevations.
11. Grades within the first 10 feet adjacent to a structure must have a 2% slope on impervious surfaces per §1804.A3 of the California Building Code (CBC).
12. Under no circumstance shall drainage resulting from this project, during or post construction, directly sheetflow across an adjoining property. Runoff shall be contained on-site up to the 10-year storm.
13. Contractor is required to submit an erosion control plan and construction detail sheet that documents all erosion control measures implemented during the course of construction including, but not limited to, straw waddles, silt fence, temporary construction entrances, inlet protection, check dams, tree protection fencing, etc.

Color and Finish Schedule

SYMBOL	TYPE	SPEC	DIMENSIONS	COLOR / FINISH	MANUFACTURER	NOTES / QUANTITY	SUBMITTAL	SHOP DRAWINGS	ON SITE MOCK UP	IMAGE
Concrete Paving										
	Type 1	Integral color concrete paving		Color: Davis Outback #677 Finish: Medium Broom	Davis Colors 323.265.8323 daviscolors.com		Required		Required	
Unit Paving										
	Type 1	Pedestrian Unit Pavers, by Ackerstone, California Paver Standard Chamfered	6x12" 80 mm thick	Color: 75% Granada White with Large Slag FM, 25% Israel Pewter FM & Grind. Pattern: Running Bond	Acker-Stone: 951.674.0047 www.ackerstone.com		Required			
Lighting										
	Bollard Light	Flindt Bollard 10000139067	31.5" H	15W LED/3000K Finish: Powder Coated Color: Natural Paint Aluminum	Louis Poulsen USA, Inc. (954) 349 2525 www.louispoulsen.com		Required			
	Pole Light	POULSEN LP NEST	13' H	40 W LED /3000K Finish: Powder Coated Color: Natural Paint Aluminum			Required			
	Sign Uplight	Night Star w/ Powerpipe		7.5 W Aluminum Color Black	BK Lighting (559) 438-5800 https://bklighting.com/		Required			

SHEET INDEX

L1.1	Notes, Legends, and Color and Finish Schedule
L1.2	Planting Notes and Legends
L2.0	Existing Landscape Plan
L2.1	Landscape Layout Plan
L3.1	Landscape Grading Plan
L4.1	Landscape Planting Plan
L5.1	Irrigation Plan
L5.2	Irrigation Notes and Legend
L5.3	Irrigation Details
L6.1	Landscape Construction Details
L7.1	Tree Disposition Plan
L7.2	Arborist Report
L7.3	Arborist Report
L8.1	Signage Exhibit

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ISSUE SCHEDULE	NO.	DATE
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Response to Planning	1	12/17/2024

OSHPD STAMP (IF APPLIES):

ST. RAYMOND'S CHURCH

1100 Santa Cruz Ave
Menlo Park, CA 94025

CHAPEL IMPROVEMENTS

SHEET TITLE:

NOTES, LEGENDS, AND COLOR AND FINISH SCHEDULE

SCALE:

PROJECT NUMBER: 22425.00

SHEET NUMBER: L1.1

PLANTING NOTES

1. All work shall be performed by persons familiar with planting work and under supervisions of a qualified planting foreman.
2. Plant material locations shown are diagrammatic and may be subject to change in the field by the Landscape Architect before the maintenance period begins.
3. All trees are to be staked as shown in the staking diagrams.
4. All tree stakes shall be cut 6" above tree ties after stakes have been installed to the depth indicated in the staking diagrams. Single stake all conifers per tree staking diagram.
5. Plant locations are to be adjusted in the field as necessary to screen utilities but not to block windows nor impede access. The Landscape Architect reserves the right to make minor adjustments in tree locations after planting at no cost to the Owner. All planting located adjacent to signs shall be field adjusted so as not to interfere with visibility of the signs.
6. The Landscape Architect reserves the right to make substitutions, additions, and deletions in the planting scheme as felt necessary while work is in progress. Such changes are to be accompanied by equitable adjustments in the contract price if/when necessary and subject to the Owner's approval.
7. The contractor is to secure all vines to walls and columns with approved fasteners, allowing for two (2) years growth. Submit sample of fastener to Landscape Architect for review prior to ordering.
8. All planting areas, except lawns and storm water treatment zones (as defined by the civil engineer), shall be top-dressed with a 3" layer of recycled wood mulch, "Colored Wood Chip" by Vision Recycling (510.429.1300; www.visionrecycling.com) or approved equal. Planter pots shall be top-dressed with "Colored Lumber Fines" mulch by Vision Recycling. Mulch shall be Black in color. Submit sample to Landscape Architect for review prior to ordering. Hold all mulch six (6) inches from all plants where mulch is applied over the rootball.
9. All street trees to be installed in accordance with the standards and specifications of the City of San Jose. Contractor to contact the city arborist to confirm plant type, plant size (at installation), installation detailing and locations prior to proceeding with installation of street trees. Contractor is to obtain street tree planting permit from the city, if a permit is required, prior to installation of street trees. Contractor is to consult with the Landscape Architect during this process.
10. The lawn shall be sod or seeded (as noted) and consist of a drought tolerant hard fescue blend such as Pacific Sod "Medallion Dwarf with Bonsai", installed per manufacturer's recommendations and specifications. The mix shall consist of the following proportions of grass species: 100% Bonsai Double Dwarf fescue. Available through: Pacific Sod 800.542.7633
11. Trees planted in lawn areas shall have a 12" diameter cutout for trimming purposes.
12. Plants shall be installed to anticipate settlement. See Tree and Shrub Planting Details.
13. All trees noted with 'deep root' and those planted within 5'-0" of concrete paving, curbs, and walls shall have deep root barriers installed per manufacturer's specifications. See specifications and details for materials, depth of material, and location of installation.
14. The Landscape Contractor shall arrange with a nursery to secure plant material noted on the drawings and have those plants available for review by the Owner and Landscape Architect within thirty (30) days of award of contract. The Contractor shall purchase the material and have it segregated and grown for the job upon approval of the plant material. The deposit necessary for such contract growing is to be born by the Contractor.
15. The project has been designed to make efficient use of water through the use of drought tolerant plant materials. Deep rooting shall be encouraged by deep watering plant material as a part of normal landscape maintenance. The irrigation for all planting shall be limited to the amount required to maintain adequate plant health and growth. Water usage should be decreased as plants mature and become established. The irrigation controllers shall be adjusted as necessary to reflect changes in weather and plant requirements.
16. The Landscape Contractor shall verify the location of underground utilities and bring any conflicts with plant material locations to the attention of the Landscape Architect for a decision before proceeding with the work. Any utilities shown on the Landscape drawings are for reference and coordination purposes only. See Civil Drawings.
17. The design intent of the planting plan is to establish an immediate and attractive mature landscape appearance. Future plant growth will necessitate trimming, shaping and, in some cases, removal of trees and shrubs as an on-going maintenance procedure.
18. Install all plants per plan locations and per patterns shown on the plans. Install all shrubs to ensure that anticipated, maintained plant size is at least 2'-0" from the face of building(s) unless shown otherwise on the plans. Refer to Plant Spacing Diagram for plant masses indicated in a diagrammatic manner on the plans. Refer to Plant Spacing Diagram for spacing of formal hedge rows.
19. Contractor to provide one (1) Reference Planting Area for review by Landscape Architect prior to installation of the project planting. The Reference Planting Area shall consist of a representative portion of the site of not less than 900 (nine hundred) square feet. Contractor to set out plants, in containers, in the locations and patterns shown on the plans, for field review by the Landscape Architect. The Reference Planting Area will be used as a guide for the remaining plant installation.
20. The Maintenance Period(s) shall be for 60 (sixty) days. Portions of the installed landscape of a project may be placed on a maintenance period prior to the completion of the project at the Owner's request and with the Owner's concurrence.
21. Contractor to verify drainage of all tree planting pits. See Planting Specifications. Install drainage well per specifications and Tree Planting Detail(s) if the tree planting pit does not drain at a rate to meet the specifications.
22. Contractor shall remove all plant and bar code labels from all installed plants and landscape materials prior to arranging a site visit by the Landscape Architect.
23. VersiCell drainage board or approved equal is to be installed in all on-structure planters and all pre-cast planters/pots as shown in the drawings. Material available through: TourneSol SiteWorks, Union City, CA 800.542.2282. Allow at least 4 weeks lead time for ordering product. All VersiCell board shall be completed covered with filter fabric as shown in the drawings and per manufacturer's specifications.
24. All tree rootballs shall be irrigated by water jet during the sixty (60) day maintenance period established by specifications. This irrigation shall occur each time normal irrigation is scheduled.
25. The Landscape Contractor shall, as a part of this bid, provide for a planting allowance for the amount of $4,000.000 (Four Thousand Dollars) to be used for supplying and installing additional plant material as directed by the Landscape Architect and approved by the Owner in writing. The unused portion of the alllowance shall be returned to the Owner at the beginning of the maintenance period.

PLANT SPACING DIAGRAM

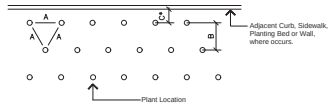


Diagram for use when plants are spaced equidistant from each other as in all ground cover plantings and massed shrub plantings

PLANT CALLOUT SYMBOL

PLANT QUANTITY DIAGRAM

SPACING 'A'	SPACING 'B'	SPACING 'C'	NO. OF PLANTS/SQUARE FOOT
6" O.C.	5.20"	2.60"	4.60
8" O.C.	6.93"	3.47"	2.60
9" O.C.	7.79"	3.90"	1.78
10" O.C.	8.66"	4.33"	1.66
12" O.C.	10.40"	5.20"	1.15
15" O.C.	13.00"	6.50"	0.74
18" O.C.	15.60"	7.80"	0.51
24" O.C.	20.80"	10.40"	0.29
30" O.C.	26.00"	13.00"	0.18
36" O.C.	30.00"	15.00"	0.12
48" O.C.	40.00"	20.00"	0.07
72" O.C.	62.35"	31.18"	0.04

See Plant Spacing Diagram for maximum triangular spacing 'A'. This chart is to be used to determine number of ground cover required in a given area and spacing between shrub massings. Where shrub massings are shown, calculate shrub mass areas before utilizing spacing chart to determine plant quantities.

* Where curb, sidewalk, adjacent planting bed or wall condition occurs, utilize spacing 'C' to determine plant distance from wall, sidewalk, adjacent planting bed or back of curb, where C=1/2 B.

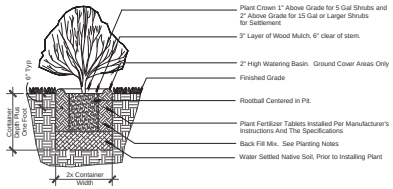
PLANT PALETTE

TREES * Size: See Plans					
KEY	QTY	BOTANICAL NAME	COMMON NAME	COMMENT	WUCOL
CER OCC	3	Cercis occidentalis	Western Redbud		L
LAG TUS	2	Lagerstroemia 'Tuskegee'	Crape Myrtle		L
PRU YED	1	Prunus x yedoensis	Yoshino Cherry		M

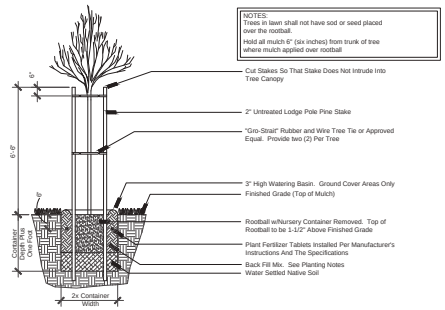
SHRUBS					
KEY	SIZE	BOTANICAL NAME	COMMON NAME	SPACING	WUCOL
BUX	5 gal	Buxus sempervirens	Boxwood	30" o.c.	M
CAV	5 gal	Callistemon viminalis 'Little John'	Dwarf Bottlebrush	30" o.c.	L
LAV	5 gal	Lavandula x i. 'Provence'	French Lavender	30" o.c.	L
LC	5 gal	Loropetalum chinense 'Rubrum'	Red fringe flower	36" o.c.	L
LS	5 gal	Leucadendron 'Safari Sunset'	Safari Sunset Conebush	60" o.c.	L
MAH	5 gal	Mahonia repens	Creeping Oregon Grape	36" o.c.	L
RC	5 gal	Rhamunus californica 'Eva Case'	Eva Case Coffeeberry	60" o.c.	L
ROS	5 gal	Rosa x 'Noare'	Flower Carpet Red Rose	30" o.c.	M
SAC	5 gal	Salvia clevelandii 'Winnifred Gilman'	Cleveland Sage	36" o.c.	L

ACCENT SHRUBS, GRASSES AND PERENNIALS					
KEY	SIZE	BOTANICAL NAME	COMMON NAME	SPACING	WUCOL
AGA	5 gal	Agave 'Blue Glow'	Blue Glow Agave	36" o.c.	L
CAS	1 gal	Calandrinia spectabilis	Rock Purslane	18" o.c.	L
DLD	5 gal	Dietes bicolor 'Lemon Drops'	Fortnight Lily / Lemon Drops	30" o.c.	L
HEP	5 gal	Hesperaloe parviflora	Red Yucca	24" o.c.	VL
LIB	1 gal	Libertia peregrinans	Orange Libertia	18" o.c.	L
LOM	5 gal	Lomandra longifolia 'Platinum Beauty'	Variegated Dwarf Mat Rush	36" o.c.	L
NEP	1 gal	Nephrolepis cordifolia	Southern Sword Fern	24" o.c.	M

GROUNDCOVERS					
KEY	SIZE	BOTANICAL NAME	COMMON NAME	SPACING	WUCOL
BUL	1 gal	Bulbine frutescens	Orange Bulbine	18" o.c.	L
SEN	1 gal	Senecio mandraliscae	Blue Chalk Sticks	24" o.c.	L



Shrub Planting Detail
Not to Scale



Tree Staking Diagram
Not to Scale

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CHAPEL IMPROVEMENTS

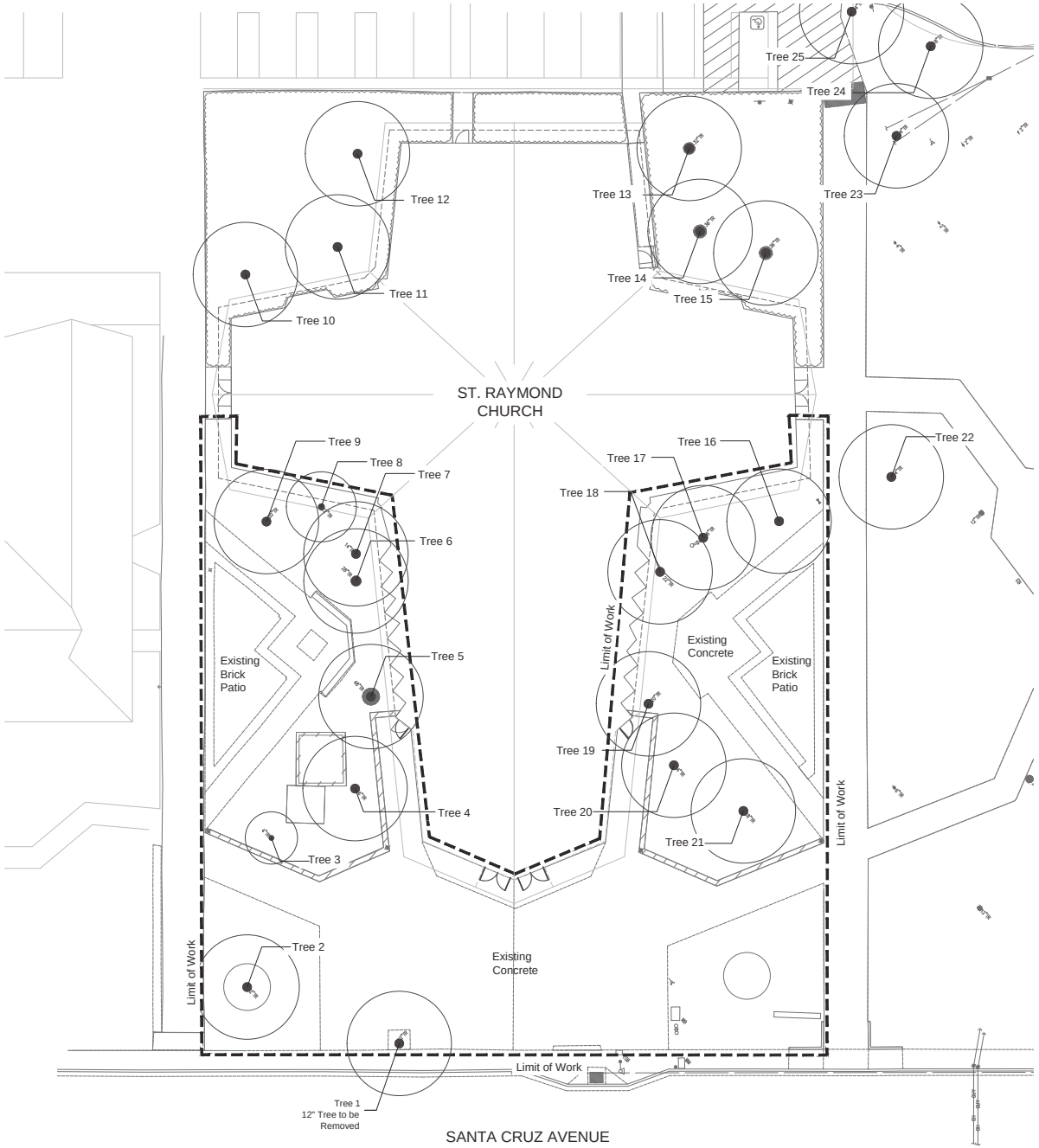
SHEET TITLE:

PLANTING NOTES AND LEGENDS

SCALE:

PROJECT NUMBER: 22425.00

SHEET NUMBER: L1.2



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CHAPEL
IMPROVEMENTS

SHEET TITLE:

EXISTING
LANDSCAPE
PLAN

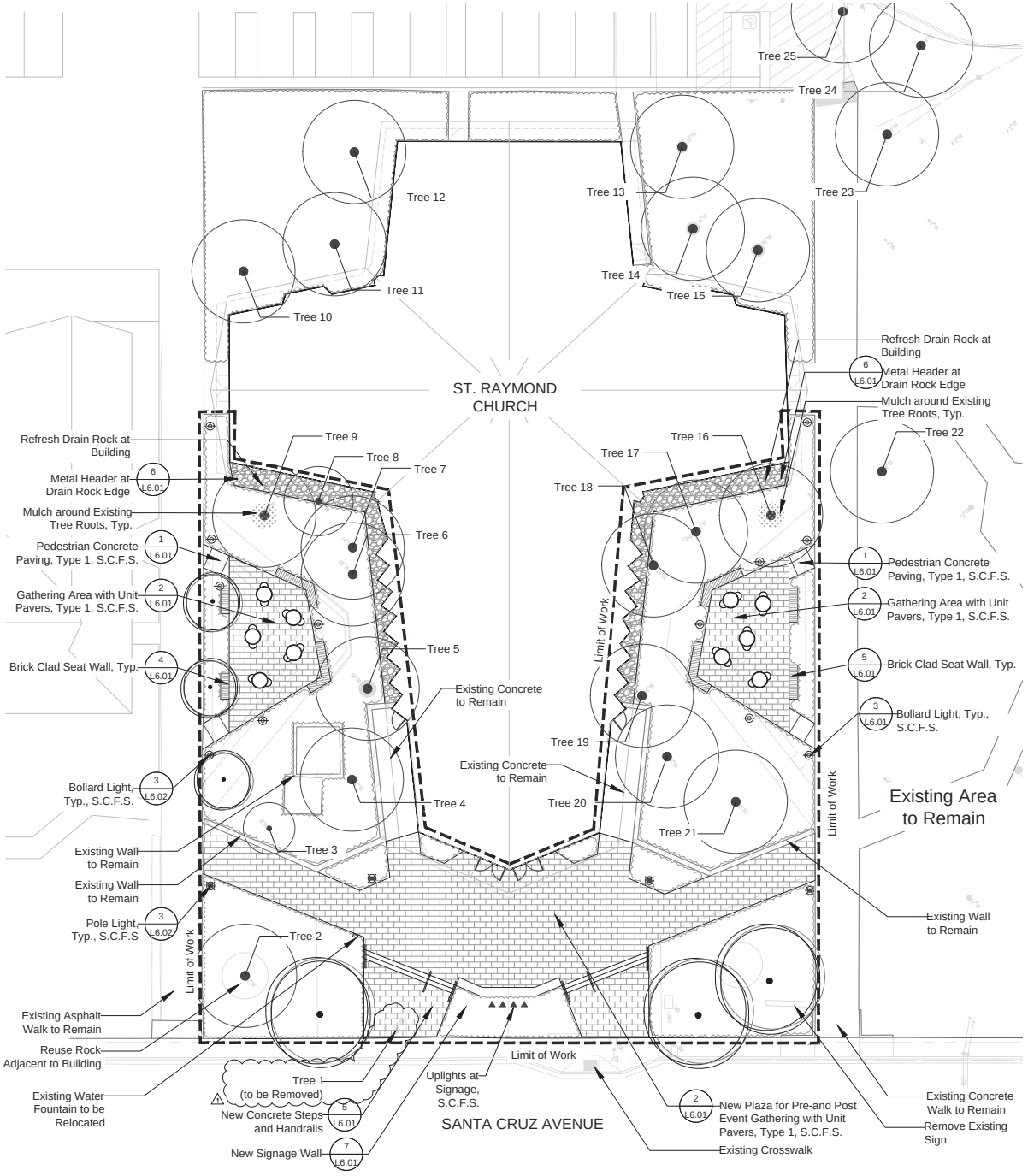
SCALE:

PROJECT NUMBER: 22425.00

SHEET NUMBER: L2.0

SCALE: 1" = 10'-0"

A16



LAYOUT LEGEND

- Shrubs and Ground Cover Planting
- Pedestrian Unit Pavers
- Pedestrian Concrete Paving
- Fire Hydrant
- Utility Boxes
- Below grade utilities as noted
- Pedestrian Scale Pole Light
- Bollard Light
- Up Light
- TR — Tree From Survey
- E.J. — Expansion Joint
- S.A.D. — See Architect's Drawings
- S.C.F.S — See Color and Finish Schedule
- Detail Number / Sheet Number
- Property Line
- Center Line
- Phase Line
- Match Line
- Align

TREE DATA CHART

Tree #	Common Name	Binomial Name	Diameter (in)	Heritage Tree
1	callery pear	Pyrus calleryana	12.5	
2	Kwanzan cherry	Prunus serrulata 'Kanzan'	11.5	
3	edible fig	Ficus carica	4.3	
4	southern magnolia	Magnolia grandiflora	18.1	X
5	Hollywood juniper	Juniperus chinensis 'Torulosa'	28.3	X
6	Hollywood juniper	Juniperus chinensis 'Torulosa'	24.0	X
7	Hollywood juniper	Juniperus chinensis 'Torulosa'	14.2	
8	Hollywood juniper	Juniperus chinensis 'Torulosa'	8.0	
9	southern magnolia	Magnolia grandiflora	22.5	X
10	incense cedar	Calocedrus decurrens	17.8	X
11	incense cedar	Calocedrus decurrens	28.7	X
12	incense cedar	Calocedrus decurrens	30.1	X
13	incense cedar	Calocedrus decurrens	31.4	X
14	incense cedar	Calocedrus decurrens	43.0	X
15	incense cedar	Calocedrus decurrens	42.1	X
16	southern magnolia	Magnolia grandiflora	18.4	X
17	southern magnolia	Magnolia grandiflora	13.2	
18	Hollywood juniper	Juniperus chinensis 'Torulosa'	27.2	X
19	Hollywood juniper	Juniperus chinensis 'Torulosa'	26.5	X
20	southern magnolia	Magnolia grandiflora	15.0	X
21	southern magnolia	Magnolia grandiflora	16.7	X
22	coast redwood	Sequoia sempervirens	18.5	X
23	Kwanzan cherry	Prunus serrulata 'Kanzan'	14.4	
24	London plane	Platanus x acerfolia	19.2	X
25	London plane	Platanus x acerfolia	16.1	X

NOTE:
Total new hardscape area: 4,642 SF

N SCALE: 1" = 10'-0"
0 5 10 20'

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OSHPD STAMP (IF APPLIES):

ST. RAYMOND'S CHURCH

1100 Santa Cruz Ave
Menlo Park, CA 94025

CHAPEL IMPROVEMENTS

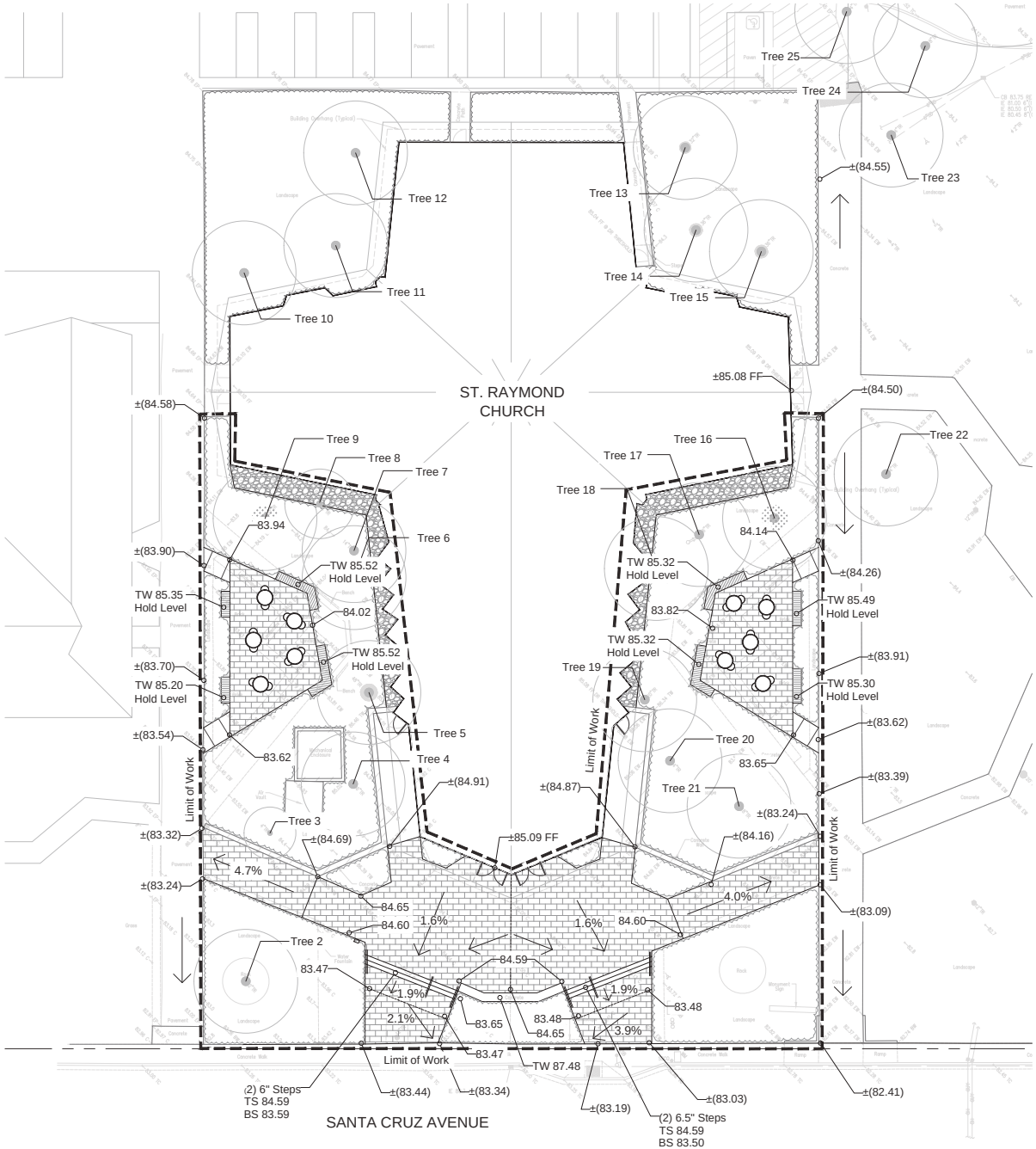
SHEET TITLE:

LANDSCAPE LAYOUT PLAN

SCALE:

PROJECT NUMBER: 22425.00

SHEET NUMBER: L2.1



FINE GRADING AND DRAINAGE LEGEND

+60.3	Spot Elevation
T.C. (60.6)	Top of Curb Elevation (from Civil Engineer's Survey, verify)
T.C.I. (60.6)	Top of Curb Elevation Interpolated (from Civil Engineer's Survey, verify)
+H.P. 61.2	Relative High Point
T.S. 61.25	Top of Step Elevation
B.S. 60.1	Bottom of Step Elevation
T.R. 61.25	Top of Ramp Elevation
B.R. 60.1	Bottom of Ramp Elevation
T.W. 63.4	Top of Wall Elevation
B.W. 60.4	Bottom of Wall Elevation. (Finish Grade of Soil or Paving)
T.F. 63.4	Top of Fence
B.F. 60.4	Bottom of Fence Elevation
T.B. 63.4	Top of Bench
B.B. 60.4	Bottom of Bench Elevation
→	Direction of Surface Water Flow
— + —	Grade Break (Ridge Line)

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www.ratcliffarch.com

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ISSUE SCHEDULE	NO.	DATE
Permit Set		6/11/2024
Response to Planning	1	12/17/2024

OSHPD STAMP (IF APPLIES):

ST. RAYMOND'S CHURCH

1100 Santa Cruz Ave
Menlo Park, CA 94025

CHAPEL IMPROVEMENTS

SHEET TITLE:

LANDSCAPE GRADING PLAN

SCALE:

PROJECT NUMBER: 22425.00

SHEET NUMBER: L3.1

N SCALE: 1" = 10'-0"
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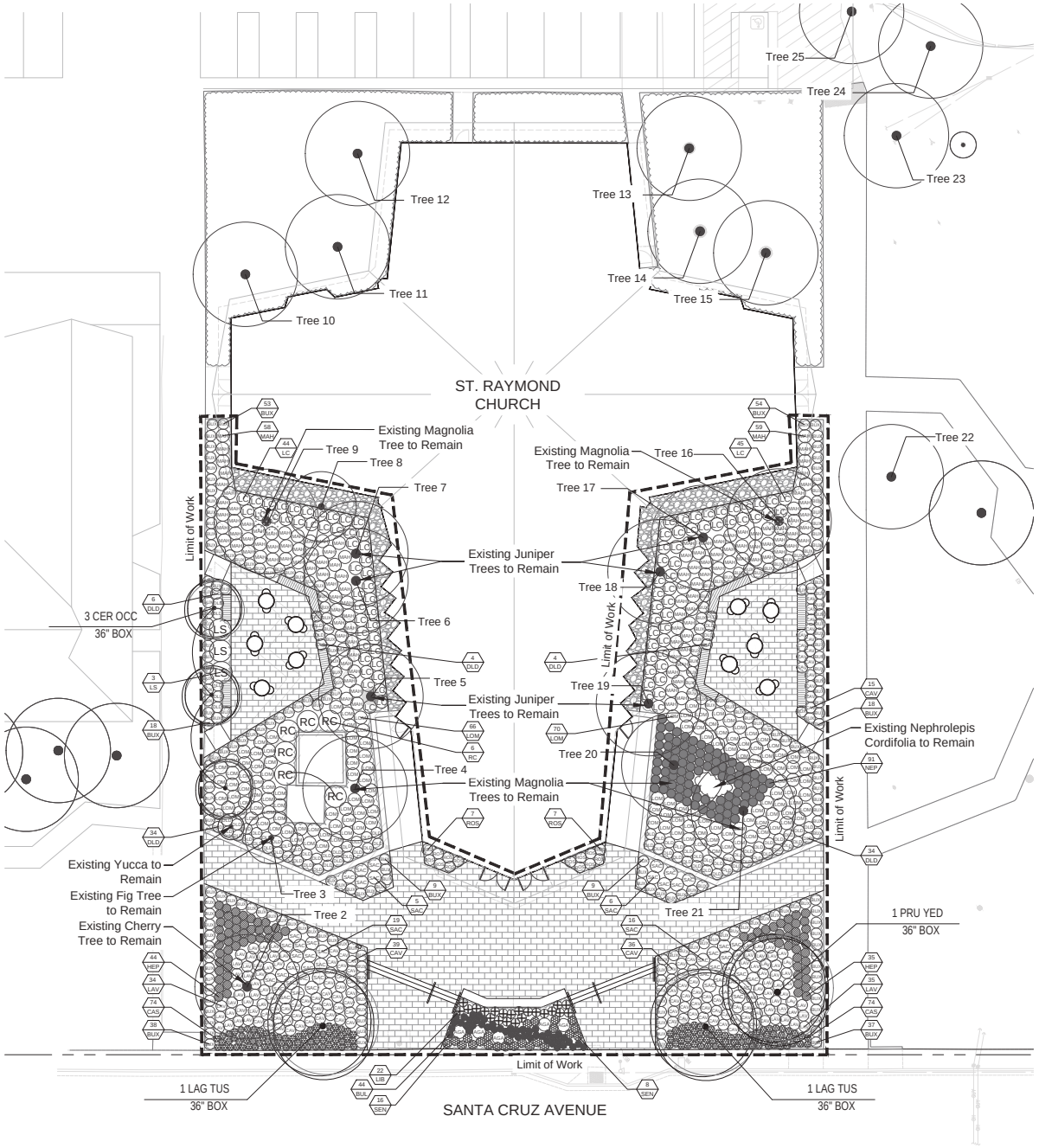
A18



PLANT PALETTE

TREES	* Size: See Plans				
KEY	QTY	BOTANICAL NAME	COMMON NAME	COMMENT	WUCOL
CER OCC	3	Cercis occidentalis	Western Redbud		L
LAG TUS	2	Lagerstroemia 'Tuskegee'	Crape Myrtle		L
PRU YED	1	Prunus x yedoensis	Yoshino Cherry		M

SHRUBS					
KEY	SIZE	BOTANICAL NAME	COMMON NAME	SPACING	WUCOL
BUX	5 gal	Buxus sempervirens	Boxwood	30" o.c.	M
CAV	5 gal	Callistemon viminalis 'Little John'	Dwarf Bottlebrush	30" o.c.	L
LAV	5 gal	Lavandula x i. 'Provence'	French Lavender	30" o.c.	L
LC	5 gal	Loropetalum chinense 'Rubrum'	Red fringe flower	36" o.c.	L
LS	5 gal	Leucadendron 'Safari Sunset'	Safari Sunset Conebush	60" o.c.	L
MAH	5 gal	Mahonia repens	Creeping Oregon Grape	36" o.c.	L
RC	5 gal	Rhamunus californica 'Eva Case'	Eva Case Coffeeberry	60" o.c.	L
ROS	5 gal	Rosa x 'Noare'	Flower Carpet Red Rose	30" o.c.	M
SAC	5 gal	Salvia clevelandii 'Winnifred Gilman'	Cleveland Sage	36" o.c.	L

ACCENT SHRUBS, GRASSES AND PERENNIALS					
KEY	SIZE	BOTANICAL NAME	COMMON NAME	SPACING	WUCOL
AGA	5 gal	Agave 'Blue Glow'	Blue Glow Agave	36" o.c.	L
CAS	1 gal	Calandrinia spectabilis	Rock Purslane	18" o.c.	L
DLD	5 gal	Dietes bicolor 'Lemon Drops'	Fortnight Lily / Lemon Drops	30" o.c.	L
HEP	5 gal	Hesperaloe parviflora	Red Yucca	24" o.c.	VL
LIB	1 gal	Libertia peregrinans	Orange Libertia	18" o.c.	L
LOM	5 gal	Lomandra longifolia 'Platinum Beauty'	Variegated Dwarf Mat Rush	36" o.c.	L
NEP	1 gal	Nephrolepis cordifolia	Southern Sword Fern	24" o.c.	M

GROUNDCOVERS					
KEY	SIZE	BOTANICAL NAME	COMMON NAME	SPACING	WUCOL
BUL	1 gal	Bulbine frutescens	Orange Bulbine	18" o.c.	L
SEN	1 gal	Senecio mandraliscae	Blue Chalk Sticks	24" o.c.	L

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OSHPD STAMP (IF APPLIES):

ST. RAYMOND'S CHURCH

1100 Santa Cruz Ave
Menlo Park, CA 94025

CHAPEL IMPROVEMENTS

SHEET TITLE:

LANDSCAPE PLANTING PLAN

SCALE:

PROJECT NUMBER: 22425.00

SHEET NUMBER: L4.1

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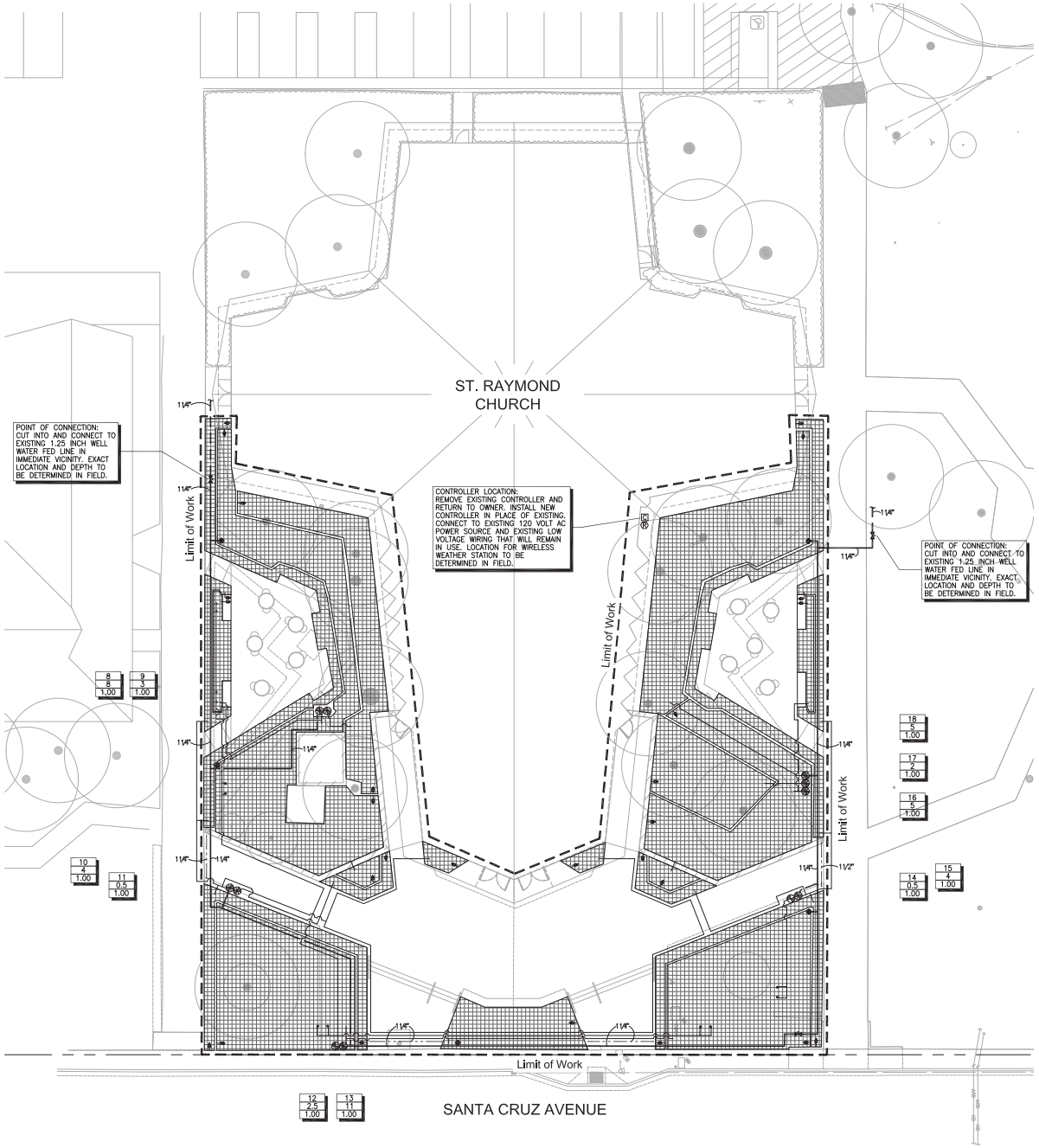

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OSHPD STAMP (IF APPLIES):

ST. RAYMOND'S CHURCH

1100 Santa Cruz Ave
Menlo Park, CA 94025

CHAPEL IMPROVEMENTS

SHEET TITLE:

IRRIGATION PLAN

SCALE:

PROJECT NUMBER: 22425.00

SHEET NUMBER: L5.1

ARTHUR LANDSCAPE IRRIGATION CONSULTING
Professional Member - AIC
Post Office Box 3400
Livermore, CA 94551
T 925.313.2956
E carl@ArthurLandscapeIrrig.net

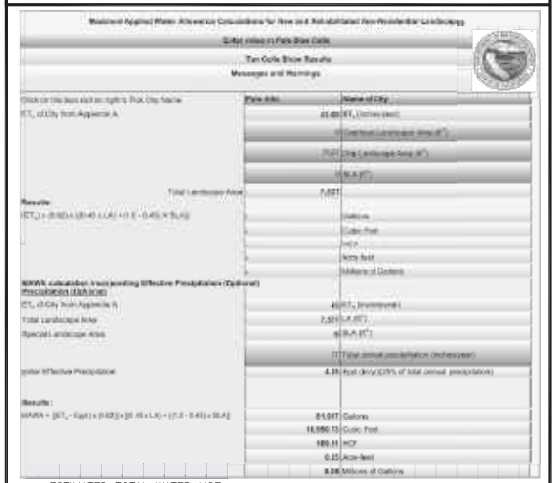
SCALE: 1" = 10'-0"
0 5 10 20

A20

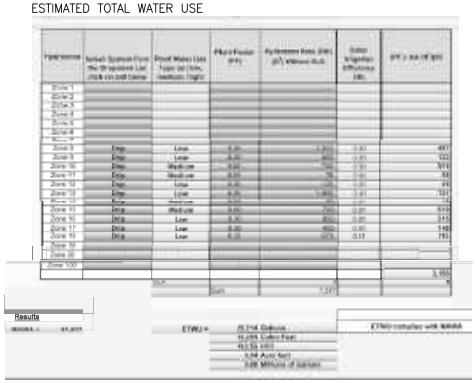
IRRIGATION SYSTEM LEGEND

	EXISTING WELL WATER MAINLINE		
C	CONTROLLER	–HUNTER–PRO–C, P2C–400/PCM–1600	
®	WIRELESS WEATHER/RAIN SENSOR	–HUNTER–WSS–SEN	
	GATE VALVE	–NIBCO–T113–IRR–LINE SIZE	
	REMOTE CONTROL VALVE	–TORO–700 SERIES	
	QUICK COUPLING VALVE	–RAINBIRD–33DNP	
	DRIP ZONE KIT	–TORO–700DK–1	
	DRIP FLUSH VALVE	–SEE DETAIL	
	TREE BUBBLER	–RAINBIRD–1401	
	IRRIGATION SUPPLYLINE–1.25"	–1120/SCHEDULE 40 PVC PIPE	–18" COVER
	IRRIGATION LATERAL LINE–3/4"	–1120/CLASS 200 PVC PIPE	–12" COVER
	SUBSURFACE DRIPLINE	–NETAFIM–TLCV–6–18	–3" COVER
	ELECTRICAL CONDUIT	–1120/SCHEDULE 40 ELECTRICAL CONDUIT	–24" COVER
sta gpm size	CONTROLLER STATION NUMBER GALLONS PER MINUTE THROUGH VALVE CONTROL VALVE SIZE		

WELO CALCULATIONS



ESTIMATED TOTAL WATER USE



IRRIGATION SYSTEM NOTES

1. IRRIGATION SYSTEM IS DESIGNED FOR A MAXIMUM OF 11 G.P.M. AT 50 P.S.I. OPERATING PRESSURE. VERIFY PRESSURE AT THE POINT OF CONNECTION PRIOR TO INSTALLATION OF THE IRRIGATION SYSTEM. NOTIFY OWNERS REPRESENTATIVE OF ANY DISCREPANCIES IN PRESSURE.
2. NOTIFY OWNERS REPRESENTATIVE SIX (6) DAYS PRIOR TO INSTALLATION FOR A PRE–INSTALLATION CONFERENCE AND FIELD REVIEW COORDINATION FOR TRENCH DEPTHS, ASSEMBLY REVIEW, PRESSURE TESTS, COVERAGE TESTS, PRE– MAINTENANCE AND FINAL REVIEWS. A CONTINUITY TEST WILL BE REQUIRED FOR CONTROL WIRE STUBOUTS. NO SUBSTITUTIONS WILL BE ALLOWED WITHOUT PRIOR WRITTEN APPROVAL FROM THE OWNERS REPRESENTATIVE.
3. CONNECT TO EXISTING WELL WATER MAINLINES APPROXIMATELY WHERE SHOWN ON DRAWINGS.
4. INSTALL CONTROLLER WHERE INDICATED. EXACT LOCATION OF CONTROLLER TO BE DETERMINED AT JOBSITE BY OWNERS REPRESENTATIVE. USE THIN WALL METAL CONDUIT ABOVE GRADE. INSTALL PER MANUFACTURERS SPECIFICATIONS. CONTROLLER SHALL BE PROPERLY GROUNDED PER ARTICLE 250 OF THE NATIONAL ELECTRIC CODE AND CONFORM TO LOCAL REGULATIONS AND MANUFACTURERS WRITTEN SPECIFICATIONS. INSTALL AS DETAILED. SEAL ALL CONDUIT HOLES WITH SILICONE OR EQUAL. PROGRAM CONTROLLER TO IRRIGATE USING MULTIPLE REPEAT CYCLES OF SHORT DURATIONS. CARE SHALL BE TAKEN TO PREVENT RUNOFF OF WATER AND SLOPE/SOIL EROSION DUE TO PROLONGED APPLICATIONS OF WATER. GROUNDING AND INSTALLATION SHALL BE IN ACCORDANCE WITH MANUFACTURERS WRITTEN SPECIFICATIONS. PROGRAM CONTROLLER PER MANUFACTURERS WRITTEN SPECIFICATIONS TO PROVIDE WEATHER DRIVEN OPERATION.
5. INSTALL EQUIPMENT AS DETAILED. INSTALL R.C.V. ID TAGS MANUFACTURED BY T. CHRISTY ENT. STANDARD SIZE, 1 1/8" HOT STAMPED BLACK LETTERS ON YELLOW BACKGROUND ON SOLENOID WIRES. LETTERS TO CONFORM TO CONTROLLER/STATION NUMBER.
6. IRRIGATION HEADS SHALL HAVE RISER ASSEMBLIES AS DETAILED. INSTALL CHECK VALVES AS SHOWN ON BUBBLER RISER ASSEMBLY DETAIL WHERE LOW HEAD DRAINAGE OCCURS. NOTE ESPECIALLY TO AVOID DRAINAGE AT SIDEWALKS AND OTHER POINTS WHERE PUDDLING WILL CAUSE DAMAGE OR HAZARD.
7. PIPE UNDER PAVEMENT SHALL BE SCHEDULE 40 PVC. PIPE AND WIRING UNDER PAVEMENT SHALL BE INSTALLED AT A TWENTY–FOUR INCH (24") DEPTH BELOW GRADE. WIRING UNDER PAVEMENT SHALL BE INSTALLED IN PVC SCHEDULE 40 ELECTRICAL CONDUIT. ELECTRICAL CONDUIT SHALL EXTEND SIX INCHES (6") BEYOND EDGE OF PAVEMENT OR CURB. SURROUND PIPE WITH SAND IN AREAS WHERE ROCKY TERRAIN IS ENCOUNTERED.
8. ALL VALVE CONTROL WIRE SHALL BE MINIMUM NO. 14 AWG COPPER UL APPROVED FOR DIRECT BURIAL IN GROUND. CONNECT WIRES USING 3M DBY CONNECTORS PER MANUFACTURERS SPECIFICATIONS. RUN ONE (1) EXTRA CONTROL WIRE OF DIFFERENT COLOR THROUGH ALL NEW VALVE LOCATIONS FROM CONTROLLER. EACH WIRE AT VALVES SHALL HAVE 24" EXCESS COILED LOOP IN VALVE BOXES. TAPE WIRES IN BUNDLES EVERY TEN FEET (10').
9. PRIOR TO INSTALLATION OF SUBSURFACE DRIP SYSTEMS REVIEW DRIP COMPONENTS, EQUIPMENT AND INSTALLATION TECHNIQUES WITH MANUFACTURERS REPRESENTATIVE. SPECIAL ATTENTION SHALL BE PAID WHEN COORDINATING INSTALLATION OF PLANT MATERIALS AND DRIP SYSTEM. AVOID CONFLICTS BETWEEN INSTALLATION OF EMITTERLINE AND PLANT LOCATIONS. IF CONFLICTS OCCUR, THEN PLANT INSTALLATION LOCATIONS SHALL HAVE PRIORITY. LAYOUT SHOWN IS DIAGRAMMATIC ONLY. INSTALL SPECIFIED SUBSURFACE DRIPLINE AS DETAILED AND PER MANUFACTURERS SPECIFICATIONS. COORDINATE WITH OWNERS REPRESENTATIVE FOR INSTALLATION OF DRIPLINES WITHIN EXISTING TREE ROOT AREAS.
10. PROVIDE LITERATURE OF DRIP SYSTEM COMPONENTS INCLUDING ANY PREVENTATIVE MAINTENANCE AND TROUBLE SHOOTING GUIDES TO OWNER AND REVIEW MAINTENANCE PROCEDURES INCLUDING:
    CLEANING FILTER IN WYE STRAINERS
    REPAIRING BREAKS IN PIPES AND RISERS
    ADDING EMITTERS OR TUBING FOR EXPANSION/INSTALLING PLUGS
11. MAINTENANCE CONSIDERATIONS:
    FILTER CLEANING AND FLUSHING SHOULD START OUT AS A MONTHLY PROCEDURE(MORE FREQUENT FOR DIRTY WATER SITUATIONS) AND ADJUST TIMING AS APPROPRIATE. VISUALLY CHECK FOR INDICATIONS OF PIPE BREAKS OR CLOGGED EMITTERS ON A REGULAR BASIS. DURING WINTER MONTHS, WHEN THE SYSTEM IS NOT IN USE, THE SUBSURFACE DRIP SYSTEMS SHOULD BE RUN ABOUT EVERY 2 WEEKS FOR 2–4 MINUTE MINIMUM RUNTIME.
12. REFER TO SPECIFICATIONS FOR FURTHER INFORMATION REGARDING THIS PROJECT.

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OSHPD STAMP (IF APPLIES):

ST. RAYMOND'S CHURCH

1100 Santa Cruz Ave
Menlo Park, CA 94025

CHAPEL IMPROVEMENTS

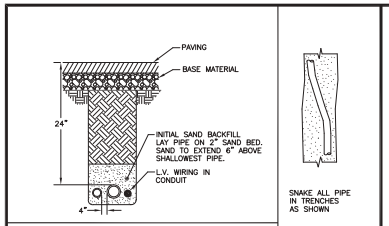
SHEET TITLE:

IRRIGATION NOTES AND LEGEND

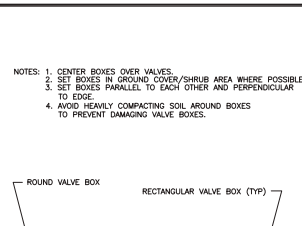
SCALE:

PROJECT NUMBER: 22425.00

SHEET NUMBER: L5.2



A TRENCHING DETAILS
NTS



B VALVE BOX INSTALLATION DETAIL
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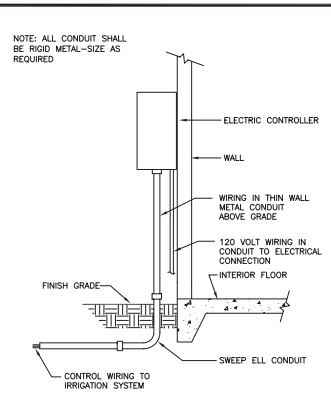

C WALL MOUNT CONTROLLER INSTALLATION DETAIL
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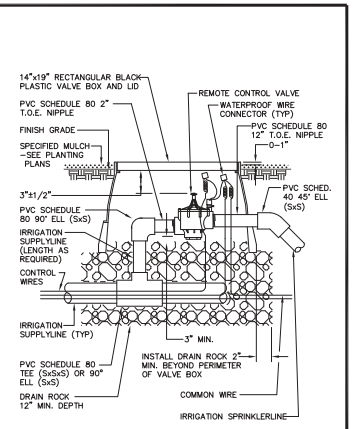

D REMOTE CONTROL VALVE INSTALLATION DETAIL
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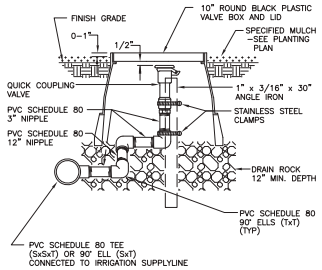

E QUICK COUPLING VALVE RISER ASSEMBLY DETAIL
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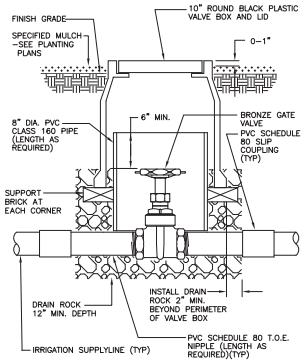

F GATE VALVE INSTALLATION DETAIL
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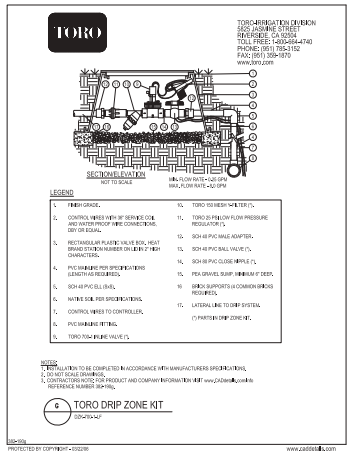
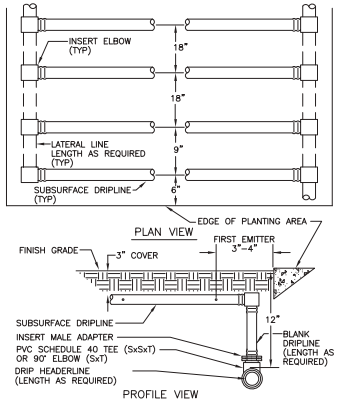


G TORO DRIP ZONE KIT
NTS



H SUBSURFACE DRIP INSTALLATION DETAIL
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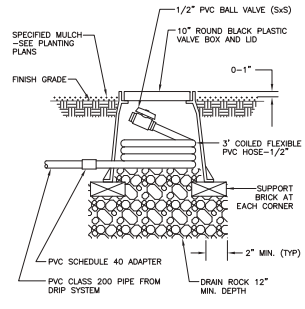

I FLUSH VALVE INSTALLATION DETAIL
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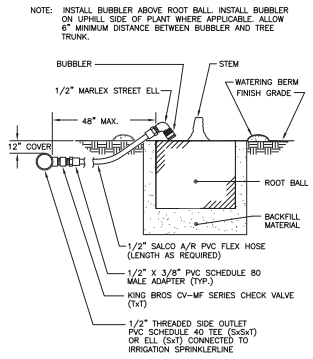

J BUBBLER INSTALLATION DETAIL FOR TREES
NTS

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OSHPD STAMP (IF APPLIES):

ST. RAYMOND'S CHURCH

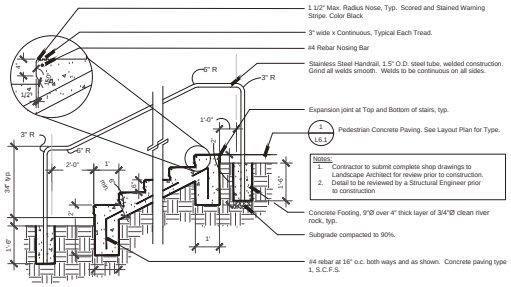
1100 Santa Cruz Ave
Menlo Park, CA 94025

CHAPEL IMPROVEMENTS

SHEET TITLE:
IRRIGATION DETAILS

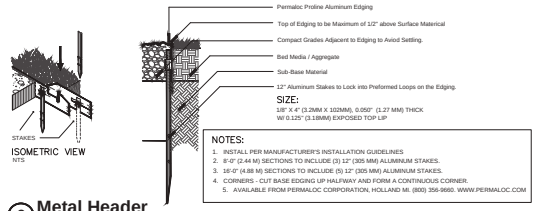
SCALE:
PROJECT NUMBER: 22425.00

SHEET NUMBER: L5.3



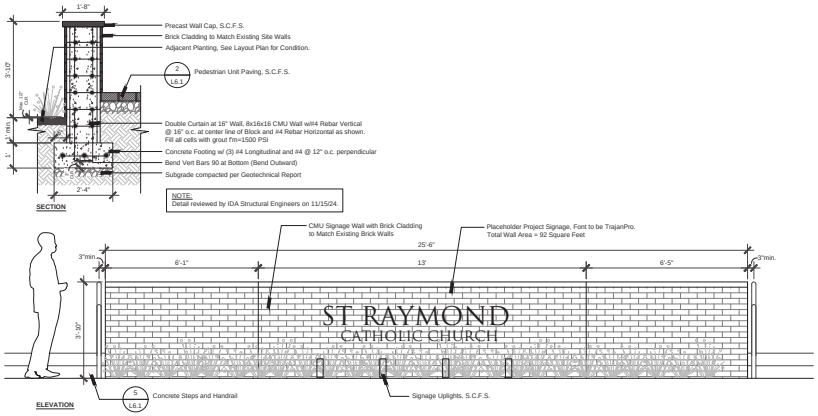
5 Concrete Steps and Handrail

SCALE: 1/2" = 1'-0"



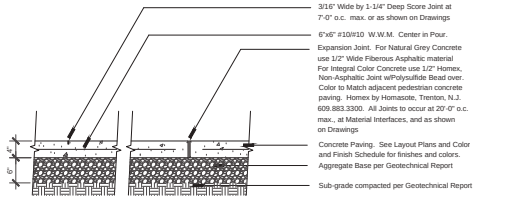
6 Metal Header

SCALE: 1" = 1'-0"



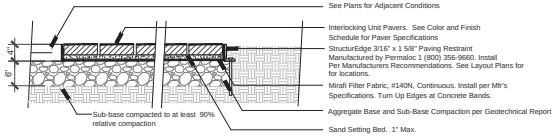
7 Signage Wall

SCALE: 1/2" = 1'-0"



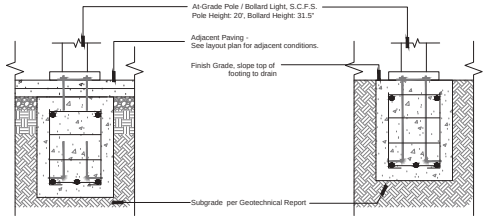
1 Pedestrian Concrete Paving

SCALE: 1" = 1'-0"



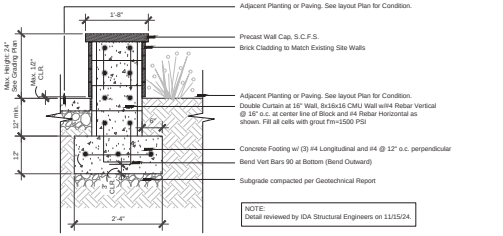
2 Pedestrian Unit Paving

SCALE: 1" = 1'-0"



3 Pole / Bollard Light Footing - At Grade

SCALE: 1" = 1'-0"



4 Brick Clad Seat Wall

SCALE: 3/4" = 1'-0"

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OSHPD STAMP (IF APPLIES):

ST. RAYMOND'S CHURCH

1100 Santa Cruz Ave
Menlo Park, CA 94025

CHAPEL IMPROVEMENTS

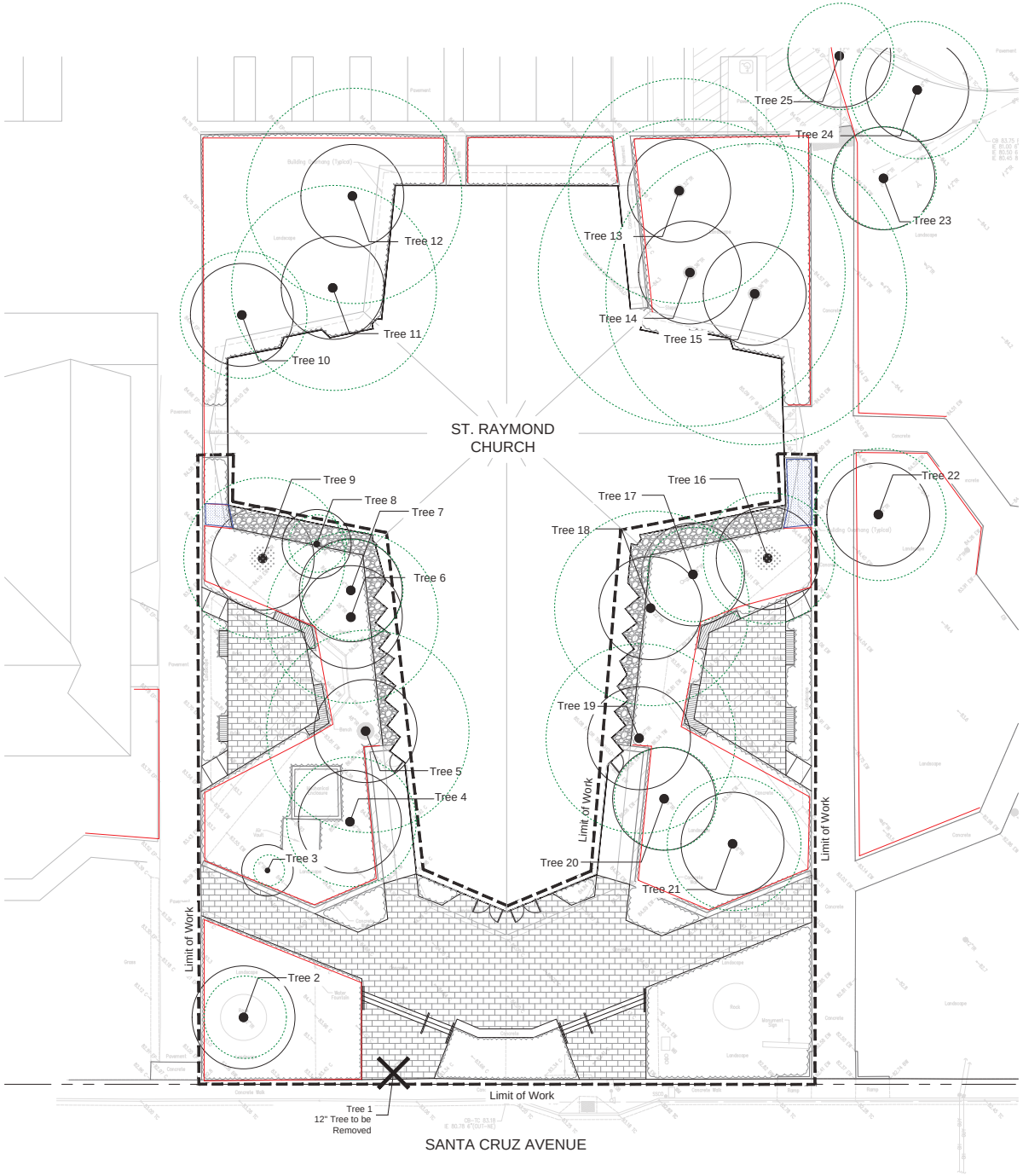
SHEET TITLE:

LANDSCAPE CONSTRUCTION DETAILS

SCALE:

PROJECT NUMBER: 22425.00

SHEET NUMBER: L6.1



X	Existing Tree to be Removed per Project Design
	Property Line

TREE PROTECTION/PRUNING NOTES

1. All trees designated to be preserved shall be verified by the Project Superintendent. This shall occur prior to the removal of any trees on-site.
2. Neighboring trees overhanging the site should be protected from site construction impacts in the same manner as existing on-site trees to be preserved.
3. Tree drip zone areas shall be protected with a 5' high chain link fence enclosure mounted on 2 inch diameter galvanized iron posts driven into the ground to a depth of at least 2 feet at no more than 10 foot spacing. The fence shall enclose the entire area under the dripline. Spray paint the top of the fence with bright orange paint before unrolling the fabric to ensure visibility of the barrier. In no case shall any vehicles or equipment be permitted to be stored within this enclosed area. Fence shall be erected before construction begins and remain in place until time for relocation.
4. No materials or topsoil shall be stored within the tree enclosure area.
5. No trenching within enclosure shall be permitted. Any tree roots encountered outside of the enclosure smaller than 2" shall be cut clean with the approved tree pruning tools and sealed with an approved fungicidal tree sealant. Tree roots 2" or larger shall not be cut. Route pipes into alternate location to avoid conflict. Any damaged or torn roots are to be root pruned and sealed with orange shellac.
6. No grading or trenching shall be permitted within the fenced zone or under the dripline except as specifically noted on the plans.
7. No soil sterilants shall be applied under pavement near existing trees.
8. Fertilizer and water soil injections must be done during April-May of the year of construction as well as the year after. These shall consist of Miller Nutrileaf 20-20-20 or equal at 5.5 pounds per 100 gallons of water or equivalent, or as recommended by the Arborist. This shall be applied to a depth of at least 18" and at a 20 degree angle toward the tree trunk at a rate of 10 gallons per inch of tree caliper.
9. Above ground surface runoff shall not be directed into the tree canopy area from adjacent areas.
10. A supplemental irrigation program is recommended at regular intervals (every three to four weeks) during the period in May 1 through Oct. 31. Irrigation is to be applied at or above the 'dripline' in an amount sufficient to supply approximately fifteen gallons of water for each inch in trunk diameter.
11. Irrigation can be provide by means of a soil needle, 'soaker' or permeable hose. When using 'soaker' or permeable hose, water is to be run at low pressure, avoiding runoff/puddling, allowing the needed moisture to penetrate the soil to feeder root depths.
12. Periodic inspections by a qualified Arborist are recommended during construction activities, particularly as trees are impacted by trenching/grading operations. Any recommendations by the Arborist for maintaining the health of trees are to be implemented.
13. Tree Pruning Notes. All trees shall be pruned in compliance with the following industry standards:

    A. All specifications for working on protected trees shall be written and administered by a qualified arborist.

    B. All work on protected trees shall be in accordance with the industry Standard Practices for Tree Care Operations outlined in the ANSII A300-1995 and ANSI33-1994.

    C. All Specified tree work shall be designed to promote practices which encourage the preservation of tree structure and health, in accordance with the current Tree Pruning Guidelines (International Society of Arboriculture). An I.S.A. Certified Arborist or Tree Worker must be present at all times during pruning operations.

TREE PROTECTION ADVISORY NOTES

1. Tree protection should be installed in compliance with city tree protection requirements and project-specific recommendations in the Arborist Report.
2. The Project Arborist should visit the property, verify that the protection measures comply, take photos, and prepare a brief verification letter for City Arborist review.
3. For tree protection verification:
   i. tree protection fencing needs signage
   ii. there should be a plan for providing consistent irrigation to the trees before, during, and after construction (this helps the trees tolerate root loss better);
   iii. tree protection zones need mulch and/or plywood soil compaction protection.
4. During these inspections, the Project Arborist should monitor the condition of the trees, verify the compliance of tree protection measures, provide recommendations for any necessary maintenance and impact mitigation, and prepare monthly reports for City Arborist review. .

Tree 15 / TREE NUMBER

10x TPZ

TREE PROTECTION FENCING

ROOT BUFFER

N SCALE: 1" = 10'-0"
0 5 10 20'

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Emeryville, CA 94608
Tel 510 899 6400
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San Francisco, CA 94111 | www.tgp-inc.com

ISSUE SCHEDULE	NO.	DATE
Permit Set		6/11/2024
Response to Planning	1	12/17/2024

OSHPD STAMP (IF APPLIES):

ST. RAYMOND'S CHURCH

1100 Santa Cruz Ave
Menlo Park, CA 94025

CHAPEL IMPROVEMENTS

SHEET TITLE:

TREE DISPOSITION PLAN

SCALE:

PROJECT NUMBER: 22425.00

SHEET NUMBER: L7.1

St. Raymond Church
Attn: Angie Robbiano

via email to: dirofops@straymondmp.com

RE: Church Landscape Project
1100 Santa Cruz Ave, Menlo Park

Date: 8/22/24

ARBORIST REPORT and TREE PROTECTION REPORT

Arborist Report

- Provide a tree inventory for trees within the work area.
- Identify tree impacts due to proposed construction and determine where impacts will require tree removal or re-design.
- Provide a marked set of drawings to show tree protection measures needed.
- Provide data tables, and the Arborist Report and Tree Protection Plan in digital formats to be incorporated into plan sheets by others.

Background

The Church property consists of a large landscaped property with one main building and an auxiliary building. The owners plan to renovate the landscaping around the church.

The following documents were reviewed for this report:

- A plan set provided by Guzzardo Partnership Inc., dated 6/11/2024.

Heritage trees in the City of Menlo Park are defined as any tree larger than 15" DBH (diameter at breast height), native oak trees larger than 10" DBH, certain trees designated by the City Council, and multi-stemmed trees measuring larger than 15" diameter at the point where the stems merge. This Arborist Report and Tree Protection Plan are intended to protect all trees so defined, and is subject to review and approval by City staff.

Tree Management Experts has been designated as the Project Arborist for purposes of these development improvements. The Project Arborist refers to either of the following Certified Arborists who have been pre-approved by the City of Menlo Park:

Aaron Wang	aaron@treemanagementexperts.com	cell 847.630.3599
Roy Leggitt	roy@treemanagementexperts.com	cell 415.606.3610

Project

For this project, St. Raymond Church plans to repave the area surrounding the church and update the landscaping around the building.

Paving will consist of new concrete walkways and pavers installed at the periphery of the church.

New small trees and an assortment of new shrubs, perennials, and groundcovers will be installed. New irrigation will also be installed.

A total of 25 trees were inventoried within and adjacent to the work area. Of these trees, 18 are heritage trees. Each tree is referenced by an assigned number that corresponds to those used on the attached Site Plan markup. The data for tree identification, defects, and recommendations are listed in the attached data table.

Project Considerations

The planned work will require excavation for new hardscape and irrigation installations. Over-excavation must be minimized to prevent excessive root damage and all roots encountered must be cleanly severed at the edge of excavation. Root Buffers and Tree Protective Fencing must be in place for the duration of the project.

In order to avoid trenching adjacent to heritage trees, irrigation routing should be designed to minimize TPZ areas. This work will have to take place using hand digging, compressed air, vacuum, or hydro-vac excavation, or a combination of those under the supervision of the project arborist. Drain rock will also be refreshed under the dripline of the roof, which will require root buffers to allow access.

Tree Protection

Project Arborist & Periodic Inspections

PROJECT ARBORIST

The Project Arborists for these construction activities is designated as:

Tree Management Experts
MP Business License No: 71214

Name	ISA Cert. #	Phone #
Aaron Wang	MW-5597A	847.630.3599
Roy C. Leggitt, III	WE-0564A	415.606.3610

MONTHLY INSPECTIONS

The Project Arborist shall make periodic inspections on a not less than four-week interval to assess and monitor the effectiveness of the Tree Protection Plan and to provide recommendations for any additional care or treatment.

REPORTING REQUIREMENTS

Any damage to trees due to construction activities shall be reported to the Project Arborist or City Arborist within six hours so that remedial action can be taken. The Project Arborist shall be responsible for the preservation of the designated trees. Should the builder fail to follow the tree protection specifications, it shall be the responsibility of the Project Arborist to report the matter to the City Arborist as an issue of non-compliance.

In addition, after each construction monitoring visit, the Project Arborist shall provide a follow-up letter to the city with an assessment of the severity of impacts and confirming whether mitigation has been completed to specification. If the Project Arborist determines that the structural integrity of the trees has been compromised or the long-term viability of the trees has been compromised, then the trees should be removed and appropriate mitigation should be provided.

Any tree on site protected by the Menlo Park Municipal Code will require replacement according to its appraised value if it is damaged beyond repair as a result of construction activities.

Construction Procedures

PROHIBITED ACTIVITIES

Do Not:

a. Allow run off of spillage of damaging materials into the area below any tree canopy.
b. Store materials, stockpile soil, or park or drive vehicles within the TPZ.
c. Cut, break, skin, or bruise roots, branches, or trunks without first obtaining authorization from the City Arborist.
d. Allow fires under and adjacent to trees.
e. Discharge exhaust into foliage.
f. Secure cable, chain, or rope to trees or shrubs.
g. Trench, dig, or otherwise excavate within the dripline or TPZ of the tree(s) without first obtaining authorization from the City Arborist.
h. Apply soil sterilants under pavement near existing trees.

DEMOLITION

All tree protective fencing, root buffers, and mulch must be in place prior to demolition. Refer to specific sections below for proper installation of each of these items.

At no time is any wheeled equipment or an excavator allowed to enter or cross over TPZ areas, except where a temporary root buffer has been installed. Use of a tracked Bobcat® or similar loader may be permitted within TPZ areas only on required root buffers, within the footprint of existing structures, or when the Project Arborist is on site to determine appropriate access points and to monitor soil and root conditions. Larger equipment shall not enter the TPZ under any circumstances.

IRRIGATION TRENCHING

Because proposed utility trenching will pass through TPZ areas of the property, any clearing of organic material from the surface or excavation within three (3) feet of depth from current grade must be done under the direction of the Project Arborist. Excavation shall be carried out using hand tools, compressed air, and/or hydro-jet. Roots smaller than 1-inch in diameter shall be cleanly severed at the edge of the excavation. Roots 1-inch and larger in diameter shall be preserved and bridged across the trench. If trenches are to be left open for more than 24 hours, remaining roots must be wrapped in natural (jute) burlap that is kept damp until the trench is backfilled.

Backfill material shall consist of clean native soil that shall not be compacted to more than 85%.

STAGING AREAS

Staging areas are available outside of TPZ areas throughout the site on existing pavement. Storing and staging within TPZ areas can only be done on top of a required root buffer and with proper trunk protection, as specified in this report.

BACKFILL AND FILL SOIL

Within TPZ areas, all backfill and fill soil shall be comprised of clean native topsoil. Soil must be placed without tamping, vibration, rolling, saturating or otherwise causing compaction that exceeds 85 percent. No fill soil movement or placement may be done during wet soil conditions. Do not place, store or stage any fill soil within TPZ areas, except where backfilling against the construction perimeter.

Tree Protection Measures

Tree Protection Implementation Methods

To implement tree protection measures effectively, fences shall enclose the areas outlined on the attached site plan markup. It is recommended that fence posts be installed first, then place mulch and root buffers according to layout. Where tree canopies are contiguous, fencing may enclose multiple trees.

Surface installations such as root buffers and mulch must be installed in appropriate locations between areas identified by fence posts.

Following surface installations, chain link fencing must be strung tightly and closed off at all locations.

Tree Protection Measures for All Areas

TREE PROTECTIVE FENCING AND WARNING SIGNS

Placement: fence installation lines shall enclose the areas outlined on the attached site plan markup. For non-heritage trees to be retained on site, fencing will enclose the dripline or a circle 10x the tree diameter in radius, whichever is greater, to be adjusted as necessary and replaced with root buffers to accommodate construction activities.

Type and Size: 6-foot high chain link fencing shall be placed on at least 1.5-inch tubular galvanized iron posts driven a minimum of 2 feet into undisturbed soil and spaced not more than 10 feet on center. Where temporary access may be necessary, as approved by the City Arborist or Project Arborist, fences may be set on concrete blocks and appropriate root buffers, as described below, shall be installed. Under no circumstances

may a fence be moved closer than 1.5 diameters of the tree from the base of a tree. (e.g. The fence the fence must remain 30 inches from the trunk of a 20-inch tree)

Duration: Tree fencing shall be erected prior to any demolition activity, and shall remain in place for the duration of the project.

TPZ Signs: TPZ signs shall be printed on 11x17 inch (tabloid) yellow paper and laminated and posted on Tree Protective Fencing not more than every 20 feet. A template for these signs is attached to this report.

TRUNK WRAP

Where root buffers are installed in lieu of Tree Protective Fencing, and where construction may affect the stems or branches of a tree, the trunks of trees shall be protected with one of the following methods:

Option 1: Armored straw wattle wrap: Wrap the lower 8 feet of the trunk with straw wattles, encase this in a length of Sonotube®, or similar, and secure with a layer of orange plastic snow fencing. Where the diameter of the tree combined with the straw wattles exceeds the diameter of Sonotube® or similar available (usually 48"), 2x4 planking shall be laid edge to edge around the straw wattle and secured with zip ties and snow-fence.

Option 2: Straw wattle wrap: This method may be easier to install on multi-trunk trees. Wrap at least the lower 6 feet of the trunk with straw wattles and secure with a layer of orange plastic snow fencing.

Option 3: Plywood box wrap: Build a box out of ½ inch plywood screwed together with 2 x 4 bracing. Place blocking between the plywood box and the trunk to prevent movement, cushioning the blocking with a strip of carpet or ½ inch thick cloth layer. This method works well for street trees.

MULCH

Placement: All areas enclosed by Tree Protective Fencing shall have a 6-inch deep layer of mulch applied, leaving a 12-inch distance around each tree trunk free of mulch.

Type and Size: Mulch material shall be 2-inch unpainted, untreated wood chip mulch or an approved equal.

Duration: Mulch shall be placed in all designated areas prior to any demolition or construction activity.

ROOT BUFFER

Placement: A temporary protective Root Buffer must be installed before any driving, storing or staging takes place within any TPZ areas. Root buffers should be placed as delineated in the attached site plan markup.

Type and Size: The Root Buffer shall consist of a base course of tree chips spread over each designated area to a minimum depth of 6 inches. In some cases, it may further stabilize the tree chips to place a cap of a base course of 3/4-inch quarry gravel. The root buffer must be covered with a minimum 3/4-inch or thicker layer of plywood. The plywood cap may be secured with clips to join the sheets. Additional wood chips may be added periodically upon the recommendation of the Project Arborist following monthly inspections.

Duration: All Root Buffers shall remain in place for the duration of the project.

Construction Impact Mitigation

GRADE CHANGES

Grading changes shall not exceed 4 inches of depth in cuts, or 4 inches of depth in fill where such grade changes are within Tree Protection Zones except as approved by the City Arborist or Project Arborist

UTILITY TRENCHING

If any utility trenches must be excavated through any TPZ area or within 10 trunk diameters from any tree, either directional boring not less than 3 feet below grade or careful hand excavation or Air-spade® (or equivalent) excavation is required.

When roots are encountered during excavation outside of this area, any roots under 1" in diameter shall be cleanly severed by hand across the cross-section using bypass pruners or a saw with a pruning blade.

Whenever roots larger than 1" in diameter are encountered, they shall be reported immediately to the Project Arborist who shall determine whether they can be cut or must be left in situ and excavated around using hand or compressed air techniques. Removal of larger roots may result in a hazardous tree and would require removal of a tree, and this can only be determined by having the Project Arborist inspect larger roots.

If roots are left in place they must be protected with dampened burlap. Trenches that must remain open for more than 24 hours shall be lined on the side adjacent to trees with four layers of dampened, untreated burlap, being rewetted as often as necessary to keep the burlap wet.

Construction Impacts and Mitigation – tree by tree

Trees not shown on this plan set will not be impacted by construction.

Additional trees are shown on the plan set that are not impacted by construction and are not considered in this report.

Tree 1

Tree will be removed to accommodate construction and repair pavement damage.

Project Arborist involvement: none.

The following tree protection measures and mitigation will be necessary:

- None

Tree 2

Demolition and construction activities and potential impacts that will occur within the tree protection zone for this tree are limited to passive uses.

Project Arborist involvement: none.

The following tree protection measures and mitigation will be necessary:

- Tree protective fencing.

Tree 3

Demolition and construction activities and potential impacts that will occur within the tree protection zone for this tree are limited to passive uses.

Project Arborist involvement: none.

The following tree protection measures and mitigation will be necessary:

- Tree protective fencing.

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ISSUE SCHEDULE	NO.	DATE
Permit Set		6/11/2024
Response to Planning	1	12/17/2024

OSHPD STAMP (IF APPLIES):

ST. RAYMOND'S CHURCH

1100 Santa Cruz Ave
Menlo Park, CA 94025

CHAPEL IMPROVEMENTS

SHEET TITLE:

ARBORIST REPORT

SCALE:

PROJECT NUMBER: 22425.00

SHEET NUMBER: L7.2

A25

Tree Management Experts

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Tree 4

Demolition and construction activities and potential impacts that will occur within the tree protection zone for this tree are limited to passive uses.

Project Arborist involvement: none.

The following tree protection measures and mitigation will be necessary:
- Tree protective fencing.

Tree 5

Demolition and construction activities and potential impacts that will occur within the tree protection zone for this tree are new paving and bench construction.

Project Arborist involvement: mandatory during all excavation activity.

The following tree protection measures and mitigation will be necessary:
- Tree protective fencing.
- Arborist oversight during excavation for the new construction.

Tree 6

Demolition and construction activities and potential impacts that will occur within the tree protection zone for this tree are new paving and bench construction.

Project Arborist involvement: mandatory during all excavation activity.

The following tree protection measures and mitigation will be necessary:
- Tree protective fencing.
- Arborist oversight during excavation for the new construction.

Tree 7

Demolition and construction activities and potential impacts that will occur within the tree protection zone for this tree are limited to passive uses.

Project Arborist involvement: none.

The following tree protection measures and mitigation will be necessary:
- Tree protective fencing.

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Tree 8

Demolition and construction activities and potential impacts that will occur within the tree protection zone for this tree are limited to passive uses.

Project Arborist involvement: none.

The following tree protection measures and mitigation will be necessary:
- Tree protective fencing.

Tree 9

Demolition and construction activities and potential impacts that will occur within the tree protection zone for this tree are new paving and bench construction as well as access for new drain rock installation.

Project Arborist involvement: mandatory during all excavation activity.

The following tree protection measures and mitigation will be necessary:
- Tree protective fencing.
- Root Buffers
- Arborist oversight during excavation for the new construction.

Tree 10

Demolition and construction activities and potential impacts that will occur within the tree protection zone for this tree are limited to passive uses.

Project Arborist involvement: none.

The following tree protection measures and mitigation will be necessary:
- Tree protective fencing.

Tree 11

Demolition and construction activities and potential impacts that will occur within the tree protection zone for this tree are limited to passive uses.

Project Arborist involvement: none.

The following tree protection measures and mitigation will be necessary:
- Tree protective fencing.

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Tree 12

Demolition and construction activities and potential impacts that will occur within the tree protection zone for this tree are limited to passive uses.

Project Arborist involvement: none.

The following tree protection measures and mitigation will be necessary:
- Tree protective fencing.

Tree 13

Demolition and construction activities and potential impacts that will occur within the tree protection zone for this tree are limited to passive uses.

Project Arborist involvement: none.

The following tree protection measures and mitigation will be necessary:
- Tree protective fencing.

Tree 14

Demolition and construction activities and potential impacts that will occur within the tree protection zone for this tree are limited to passive uses.

Project Arborist involvement: none.

The following tree protection measures and mitigation will be necessary:
- Tree protective fencing.

Tree 15

Demolition and construction activities and potential impacts that will occur within the tree protection zone for this tree are limited to passive uses.

Project Arborist involvement: none.

The following tree protection measures and mitigation will be necessary:
- Tree protective fencing.

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Tree 16

Demolition and construction activities and potential impacts that will occur within the tree protection zone for this tree are new paving and bench construction as well as access for new drain rock installation.

Project Arborist involvement: mandatory during all excavation activity.

The following tree protection measures and mitigation will be necessary:
- Tree protective fencing.
- Root Buffers
- Arborist oversight during excavation for the new construction.

Tree 17

Demolition and construction activities and potential impacts that will occur within the tree protection zone for this tree are limited to passive uses.

Project Arborist involvement: none.

The following tree protection measures and mitigation will be necessary:
- Tree protective fencing.

Tree 18

Demolition and construction activities and potential impacts that will occur within the tree protection zone for this tree are new paving and bench construction.

Project Arborist involvement: mandatory during all excavation activity.

The following tree protection measures and mitigation will be necessary:
- Tree protective fencing.
- Arborist oversight during excavation for the new construction.

Tree 19

Demolition and construction activities and potential impacts that will occur within the tree protection zone for this tree are new paving and bench construction.

Project Arborist involvement: mandatory during all excavation activity.

The following tree protection measures and mitigation will be necessary:
- Tree protective fencing.
- Arborist oversight during excavation for the new construction.

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Tree 20

Demolition and construction activities and potential impacts that will occur within the tree protection zone for this tree are limited to passive uses.

Project Arborist involvement: none.

The following tree protection measures and mitigation will be necessary:
- Tree protective fencing.

Tree 21

Demolition and construction activities and potential impacts that will occur within the tree protection zone for this tree are new paving.

Project Arborist involvement: mandatory during all excavation activity.

The following tree protection measures and mitigation will be necessary:
- Tree protective fencing.
- Arborist oversight during excavation for the new construction.

Tree 22

Demolition and construction activities and potential impacts that will occur within the tree protection zone for this tree are limited to passive uses.

Project Arborist involvement: none.

The following tree protection measures and mitigation will be necessary:
- Tree protective fencing.

Tree 23

Demolition and construction activities and potential impacts that will occur within the tree protection zone for this tree are limited to passive uses.

Project Arborist involvement: none.

The following tree protection measures and mitigation will be necessary:
- Tree protective fencing.

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Tree 24

Demolition and construction activities and potential impacts that will occur within the tree protection zone for this tree are limited to passive uses.

Project Arborist involvement: none.

The following tree protection measures and mitigation will be necessary:
- Tree protective fencing.

Tree 25

Demolition and construction activities and potential impacts that will occur within the tree protection zone for this tree are limited to passive uses.

Project Arborist involvement: none.

The following tree protection measures and mitigation will be necessary:
- Tree protective fencing.

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Maintenance and Ongoing Care

Tree maintenance and ongoing care is necessary in preparation for construction, and throughout the entire timeline for construction. Anticipated needs include pruning and tree protection during landscape construction:

PRUNING

Pruning shall be done by a Certified Arborist in accordance with the current ANSI A300 Pruning Standards and International Society of Arboriculture (ISA) Best Management Practices.

Pruning shall be in accordance with that outlined in this report.

IRRIGATION

Supplemental irrigation shall be applied to all trees that are anticipated to have root impacts as a result of construction impacts. However, summer irrigation of native oaks can predispose them to sudden oak death and fungal infections and should not occur under any circumstances. Winter precipitation may not be sufficient to support tree health and during this cooler periods, native oaks, especially those impacted by construction, may need to receive supplemental irrigation.

In cases where irrigation is deemed necessary it shall consist of 1 time per month during the irrigation season (usually March through September, depending on precipitation) in the amount of 10 gallons per inch of trunk diameter to be evenly applied within the dripline by standard gear driven sprinklers, inline drip tubing, or soaker hoses. The water flow should not cause runoff and should be adjusted to fully percolate into soil.

Lime dust from concrete can burn the foliage of trees and soil dust can suffocate foliage. After work producing this type of dust, tree foliage shall be flushed with potable water.

LANDSCAPING

Care must be exercised during landscape construction to avoid any trenches across existing TPZ areas. If sub-surface trenches must be installed, common trenches should be used and they should stay as far away from the trees as possible. A trench running along a radius line directly toward a tree is preferable to a cross trench.

Landscape construction plans are subject to review and comment by the Project Arborist. If extensive trenching is required, Air-spade® excavation may be required.

Care must be taken to keep mulch away from the base of all trees and other woody plants. Similarly, soil grades must be carefully monitored to keep excess soil from accumulating around the base of trees and shrubs.

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Assumptions and Limiting Conditions

1. Any legal description provided to the consultant is assumed to be correct. Title and ownership of all property considered are assumed to be good and marketable. No responsibility is assumed for matters legal in character. Any and all property is appraised or evaluated as though free and clear, under responsible ownership and competent management.
2. It is assumed that any property is not in violation of any applicable codes, ordinances, statutes or other governmental regulations.
3. Care has been taken to obtain all information from reliable sources. All data has been verified insofar as possible. The consultant can neither guarantee nor be responsible for the accuracy of information provided by others.
4. Various diagrams, sketches and photographs in this report are intended as visual aids and are not to scale, unless specifically stated as such on the drawing. These communication tools in no way substitute for nor should be construed as surveys, architectural or engineering drawings.
5. Loss or alteration of any part of this report invalidates the entire report.
6. Possession of this report or a copy thereof does not imply right of publication or use for any purpose by any other than the person to whom it is addressed, without the prior written or verbal consent of the consultant.
7. This report is confidential and to be distributed only to the individual or entity to whom it is addressed. Any or all of the contents of this report may be conveyed to another party only with the express prior written or verbal consent of the consultant. Such limitations apply to the original report, a copy, facsimile, scanned image or digital version thereof.
8. This report represents the opinion of the consultant. In no way is the consultant's fee contingent upon a stipulated result, the occurrence of a subsequent event, nor upon any finding to be reported.
9. The consultant shall not be required to give testimony or to attend court by reason of this report unless subsequent contractual arrangements are made, including payment of an additional fee for such services as described in the fee schedule, an agreement or a contract.
10. Information contained in this report reflects observations made only to those items described and only reflects the condition of those items at the time of the site visit. Furthermore, the inspection is limited to visual examination of items and elements at the site, unless expressly stated otherwise. There is no expressed or implied warranty or guarantee that problems or deficiencies of the plants or property inspected may not arise in the future.

Disclosure Statement

Arborists are tree specialists who use their education, knowledge, training, and experience to examine trees, recommend measures to enhance the beauty and health of trees, and attempt to reduce the risk of living near trees. Clients may choose to accept or disregard the recommendations of the arborist, or to seek additional advice.

Arborists cannot detect every condition that could possibly lead to the structural failure of a tree. Trees are living organisms that fail in ways we do not fully understand. Conditions are often hidden within trees and below ground. Arborists cannot guarantee that a tree will be healthy or safe under all circumstances, or for a specified period of time. Likewise, remedial treatments, like any medicine, cannot be guaranteed.

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Treatment, pruning, and removal of trees may involve considerations beyond the scope of the arborist's services such as property boundaries, property ownership, site lines, disputes between neighbors, and other issues. An arborist cannot take such considerations into account unless complete and accurate information is disclosed to the arborist. An arborist should then be expected to reasonably rely upon the completeness and accuracy of the information provided.

Trees can be managed, but they cannot be controlled. To live near trees is to accept some degree of risk. The only way to eliminate all risk associated with trees is to eliminate the trees.

Certification of Performance

I, Aaron Wang, Certify:

- That we have inspected the trees and/or property evaluated in this report. We have stated findings accurately, insofar as the limitations of the Assignment and within the extent and context identified by this report;
- That we have no current or prospective interest in the vegetation or any real estate that is the subject of this report, and have no personal interest or bias with respect to the parties involved;
- That the analysis, opinions and conclusions stated herein are original and are based on current scientific procedures and facts and according to commonly accepted arboricultural practices;
- That no significant professional assistance was provided, except as indicated by the inclusion of another professional report within this report;
- That compensation is not contingent upon the reporting of a predetermined conclusion that favors the cause of the client or any other party.

I am a member and Certified Arborist with the International Society of Arboriculture.

I have attained professional training in all areas of knowledge asserted through this report by completion of a Bachelor of Science degree in Forestry and Natural Resources, by routinely attending pertinent professional conferences and by reading current research from professional journals, books and other media.

I have rendered professional services in a full-time capacity in the field of horticulture and arboriculture for more than 11 years.

Signed: _____

Date: 8/22/24

St. Raymond's Church Landscape Project
Tree Data

Tree #	Identifying Information: Common Name	Botanical Name	Diameter (in)	Height (ft)	Spread (ft)	Condition (%)	Suitability for Preservation (%)	Good Candidate for Preservation	Maintenance Tasks: Remove	Prune for Clearance	Root Prune	Mulch	Notes	Appraised Value ($)
1	cattley pear	*Pyrus calleryana*	12.5	20	15	75	50		X				Sidewalk Lifts, Curb Damage	$ 1,000
2	Kwanzan cherry	*Prunus serrulata 'Kanzan'*	11.5	10	15	80	60					X		$ 6,650
3	edible fig	*Ficus carica*	4.3	15	10	80	60					X		$ 940
4	southern magnolia	*Magnolia grandiflora*	18.1	30	20	75	70				X		sucker growth, one-sided	$ 9,500
5	Hollywood juniper	*Juniperus chinensis 'Torulosa'*	24.0,10.5,7.5,6.5	18	15	75	60					X	one-sided	$ 11,700
6	Hollywood juniper	*Juniperus chinensis 'Torulosa'*	20.0,17.0,10.5,6.5	15	15	75	60					X	one-sided	$ 8,400
7	Hollywood juniper	*Juniperus chinensis 'Torulosa'*	14.2	15	15	75	60					X	one-sided, crowded	$ 3,950
8	Hollywood juniper	*Juniperus chinensis 'Torulosa'*	8.0	15	10	40	40					X	one-sided, crowded	$ 430
9	southern magnolia	*Magnolia grandiflora*	22.5	30	20	75	60				X		one-sided	$ 14,400
10	incense cedar	*Calocedrus decurrens*	17.8	40	15	75	70		X				15" taken	$ 6,400
11	incense cedar	*Calocedrus decurrens*	26.7	60	25	80	70		X				codoms at 5ft	$ 12,950
12	incense cedar	*Calocedrus decurrens*	30.1	60	25	80	70		X					$ 15,200
13	incense cedar	*Calocedrus decurrens*	31.4	50	25	80	70		X					$ 15,450
14	incense cedar	*Calocedrus decurrens*	43.0	70	50	75	70		X					$ 27,350
15	incense cedar	*Calocedrus decurrens*	42.1	60	30	75	70		X				adjust cable, codoms @ 5ft	$ 26,050
16	southern magnolia	*Magnolia grandiflora*	18.4	30	30	80	60		X				adjust cable, codoms @ 3ft	$ 11,000
17	southern magnolia	*Magnolia grandiflora*	13.2	20	15	75	50		X					$ 4,650
18	Hollywood juniper	*Juniperus chinensis 'Torulosa'*	27.2	25	15	80	60					X	one-sided	$ 11,650
19	Hollywood juniper	*Juniperus chinensis 'Torulosa'*	26.5	20	15	80	60					X	one-sided	$ 11,050
20	southern magnolia	*Magnolia grandiflora*	15.0	25	10	75	50					X		$ 4,700
21	southern magnolia	*Magnolia grandiflora*	18.7	20	20	80	60					X		$ 12,350
22	coast redwood	*Sequoia sempervirens*	18.5	40	20	80	60					X		$ 12,400
23	Kwanzan cherry	*Prunus serrulata 'Kanzan'*	14.4	10	15	80	60					X		$ 10,600
24	London plane	*Platanus x acerifolia*	19.2	60	50	80	70					X		$ 7,700
25	London plane	*Platanus x acerifolia*	16.1	50	35	80	70					X		$ 5,400

St. Raymond's Church Landscape Project
Appraised Tree Value

Tree #	Botanical Name	Diameter (in)	Trunk Area	Suitability for Preservation (%)	Tree Condition (%)	Good Candidate for Preservation	Replacement Tree Required	Unit Tree Cost	Basic Cost	Depreciated Cost	Replacement Tree Installation Cost	Total Cost	Appraised Value
1	*Pyrus calleryana*	12.5	122.72	50	75		1	$ 800.00	$ 10,000.00	$ 4,999.62	1	$ 4,999.62	$ 5,000
2	*Prunus serrulata 'Kanzan'*	11.5	103.87	60	80		1	$ 800.00	$ 12,478.53	$ 9,970.15	1	$ 9,970.15	$ 9,950
3	*Ficus carica*	4.3	14.52	60	80		1	$ 800.00	$ 1,161.60	$ 940.44	1	$ 940.44	$ 940
4	*Magnolia grandiflora*	18.1	257.32	70	75		1	$ 800.00	$ 20,585.60	$ 9,500.00	1	$ 9,500.00	$ 9,500
5	*Juniperus chinensis 'Torulosa'*	24.0,10.5,7.5,6.5	501.12	60	75		1	$ 800.00	$ 40,089.60	$ 11,700.00	1	$ 11,700.00	$ 11,700
6	*Juniperus chinensis 'Torulosa'*	20.0,17.0,10.5,6.5	453.08	60	75		1	$ 800.00	$ 36,246.40	$ 8,400.00	1	$ 8,400.00	$ 8,400
7	*Juniperus chinensis 'Torulosa'*	14.2	158.37	60	75		1	$ 800.00	$ 12,669.60	$ 3,950.00	1	$ 3,950.00	$ 3,950
8	*Juniperus chinensis 'Torulosa'*	8.0	50.27	40	40		1	$ 800.00	$ 4,021.60	$ 430.00	1	$ 430.00	$ 430
9	*Magnolia grandiflora*	22.5	397.61	60	75		1	$ 800.00	$ 31,808.80	$ 14,400.00	1	$ 14,400.00	$ 14,400
10	*Calocedrus decurrens*	17.8	248.92	70	75		1	$ 800.00	$ 19,913.60	$ 6,400.00	1	$ 6,400.00	$ 6,400
11	*Calocedrus decurrens*	26.7	559.77	70	75		1	$ 800.00	$ 44,781.60	$ 12,950.00	1	$ 12,950.00	$ 12,950
12	*Calocedrus decurrens*	30.1	711.06	70	75		1	$ 800.00	$ 56,884.80	$ 15,200.00	1	$ 15,200.00	$ 15,200
13	*Calocedrus decurrens*	31.4	773.72	70	75		1	$ 800.00	$ 61,897.60	$ 15,450.00	1	$ 15,450.00	$ 15,450
14	*Calocedrus decurrens*	43.0	1452.20	70	75		1	$ 800.00	$ 116,176.00	$ 27,350.00	1	$ 27,350.00	$ 27,350
15	*Calocedrus decurrens*	42.1	1392.96	70	75		1	$ 800.00	$ 111,436.80	$ 26,050.00	1	$ 26,050.00	$ 26,050
16	*Magnolia grandiflora*	18.4	265.90	60	80		1	$ 800.00	$ 21,272.00	$ 11,000.00	1	$ 11,000.00	$ 11,000
17	*Magnolia grandiflora*	13.2	136.85	50	75		1	$ 800.00	$ 10,948.00	$ 4,650.00	1	$ 4,650.00	$ 4,650
18	*Juniperus chinensis 'Torulosa'*	27.2	581.07	60	80		1	$ 800.00	$ 46,485.76	$ 11,650.00	1	$ 11,650.00	$ 11,650
19	*Juniperus chinensis 'Torulosa'*	26.5	552.92	60	80		1	$ 800.00	$ 44,233.60	$ 11,050.00	1	$ 11,050.00	$ 11,050
20	*Platanus x acerifolia*	15.0	176.72	50	75		1	$ 800.00	$ 14,137.60	$ 4,700.00	1	$ 4,700.00	$ 4,700
21	*Platanus x acerifolia*	18.7	273.68	60	80		1	$ 800.00	$ 21,894.40	$ 12,350.00	1	$ 12,350.00	$ 12,350
22	*Sequoia sempervirens*	18.5	268.80	60	80		1	$ 800.00	$ 21,504.00	$ 12,400.00	1	$ 12,400.00	$ 12,400
23	*Prunus serrulata 'Kanzan'*	14.4	162.86	60	80		1	$ 800.00	$ 13,028.80	$ 10,600.00	1	$ 10,600.00	$ 10,600
24	*Platanus x acerifolia*	19.2	289.53	60	80		1	$ 800.00	$ 23,162.24	$ 7,677.66	1	$ 7,677.66	$ 7,700
25	*Platanus x acerifolia*	16.1	203.58	60	80		1	$ 800.00	$ 16,286.40	$ 5,398.43	1	$ 5,398.43	$ 5,400

St. Raymond's Church Landscape Project
Expected Construction Impacts

Tree no.	Common Name	Botanical Name	Protected by Ordinance	Heritage Tree	Reason for Removal	Trunk Diameter (in)	Trunk Area	Approx. Extent of Canopy Removal (%)	Expected Injury Level	Expected Canopy Loss	Buffer Zone	Root Buffer	Tree Protection Fencing	Trunk Wrap	Root Pruning
1	cattley pear	*Pyrus calleryana*	X		Construction Conflict	12.5	122.72	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2	Kwanzan cherry	*Prunus serrulata 'Kanzan'*				11.5	103.87	0%	0%		X	X			
3	edible fig	*Ficus carica*				4.3	14.52	0%	0%		X	X			
4	southern magnolia	*Magnolia grandiflora*	X			18.1	257.32	15%	0%		X	X			
5	Hollywood juniper	*Juniperus chinensis 'Torulosa'*				24.0,10.5,7.5,6.5	501.12	20%	0%		X	X			
6	Hollywood juniper	*Juniperus chinensis 'Torulosa'*				20.0,17.0,10.5,6.5	453.08	15%	0%		X	X			
7	Hollywood juniper	*Juniperus chinensis 'Torulosa'*				14.2	158.37	20%	0%		X	X			
8	Hollywood juniper	*Juniperus chinensis 'Torulosa'*				8.0	50.27	0%	0%		X	X			
9	southern magnolia	*Magnolia grandiflora*				22.5	397.61	0%	0%		X	X			X
10	incense cedar	*Calocedrus decurrens*				17.8	248.92	0%	0%		X				
11	incense cedar	*Calocedrus decurrens*				26.7	559.77	0%	0%		X				
12	incense cedar	*Calocedrus decurrens*				30.1	711.06	0%	0%		X				
13	incense cedar	*Calocedrus decurrens*				31.4	773.72	0%	0%		X				
14	incense cedar	*Calocedrus decurrens*				43.0	1452.20	0%	0%		X				
15	incense cedar	*Calocedrus decurrens*				42.1	1392.96	0%	0%		X				
16	southern magnolia	*Magnolia grandiflora*				18.4	265.90	10%	0%		X	X			X
17	southern magnolia	*Magnolia grandiflora*				13.2	136.85	0%	0%		X	X			
18	Hollywood juniper	*Juniperus chinensis 'Torulosa'*	X			27.2,9.5	581.07	15%	0%		X	X			
19	Hollywood juniper	*Juniperus chinensis 'Torulosa'*	X			26.5	552.92	20%	0%		X	X			
20	southern magnolia	*Magnolia grandiflora*				15.0	176.72	0%	0%		X	X			
21	southern magnolia	*Magnolia grandiflora*				18.7	273.68	0%	0%		X	X			
22	coast redwood	*Sequoia sempervirens*				18.5	268.80	0%	0%		X				
23	Kwanzan cherry	*Prunus serrulata 'Kanzan'*				14.4	162.86	0%	0%		X				
24	London plane	*Platanus x acerifolia*				19.2	289.53	0%	0%		X				
25	London plane	*Platanus x acerifolia*				16.1	203.58	0%	0%		X				

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LICENSED LANDSCAPE ARCHITECT — Peter J. Latimer — No. 2500 — 06-30-2025 — STATE OF CALIFORNIA

ISSUE SCHEDULE	NO.	DATE
Permit Set		6/11/2024
Response to Planning	1	12/17/2024

OSHPD STAMP (IF APPLIES):

ST. RAYMOND'S CHURCH

1100 Santa Cruz Ave
Menlo Park, CA 94025

CHAPEL IMPROVEMENTS

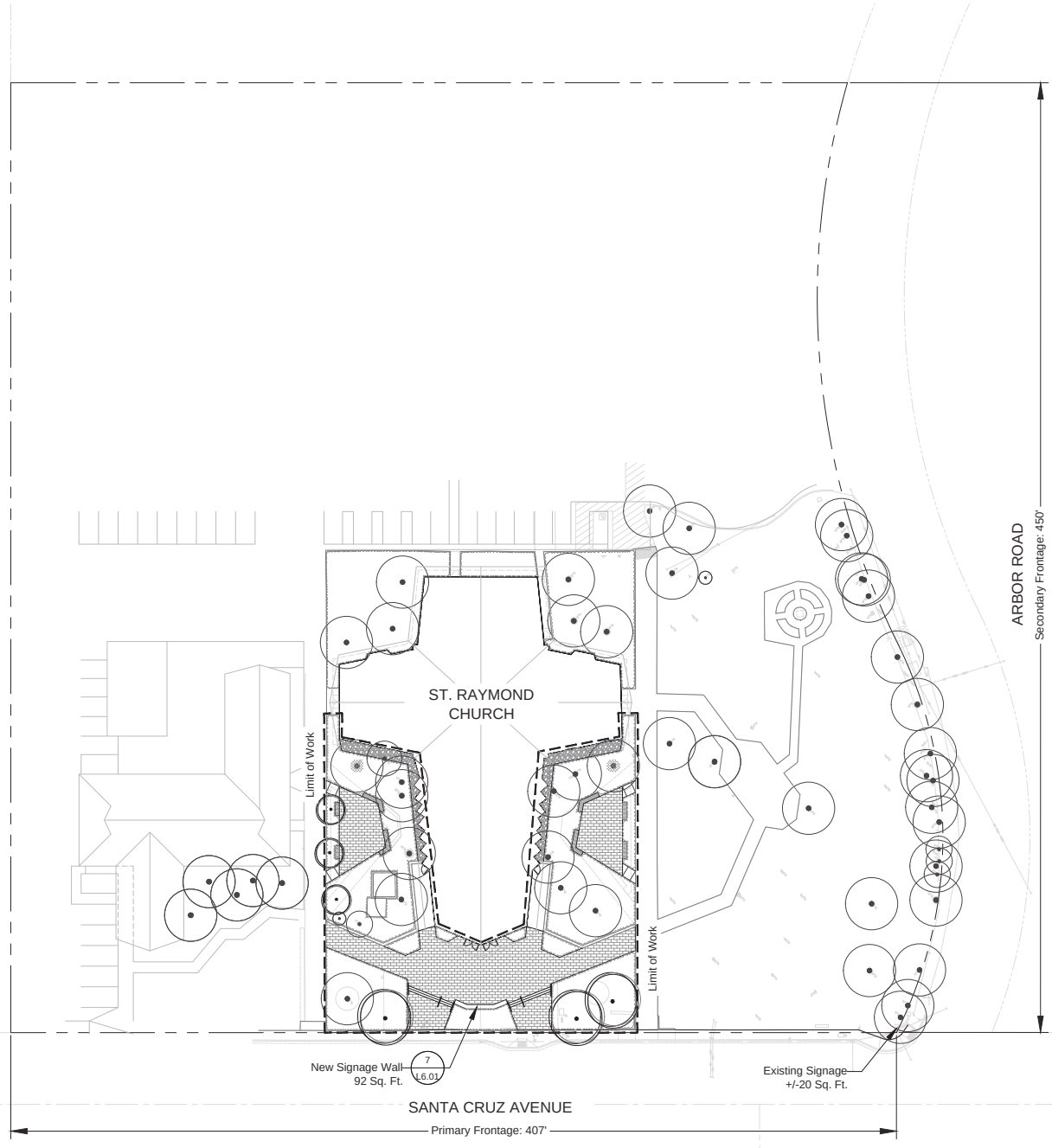
SHEET TITLE:

ARBORIST REPORT

SCALE:

PROJECT NUMBER: 22425.00

SHEET NUMBER: L7.3



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OSHPD STAMP (IF APPLIES):

ST. RAYMOND'S CHURCH

1100 Santa Cruz Ave
Menlo Park, CA 94025

CHAPEL IMPROVEMENTS

SHEET TITLE:

SIGNAGE EXHIBIT

SCALE:

PROJECT NUMBER: 22425.00

SHEET NUMBER: L8.1

A27

GENERAL NOTES

1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE 2019 CALIFORNIA BUILDING CODE.
2. THESE NOTES SHALL APPLY TO ALL STRUCTURAL DRAWINGS UNLESS OTHERWISE NOTED OR SHOWN.
3. ALL WORK IS TO BE ASSUMED AS NEW UNLESS SPECIFICALLY STATED OTHERWISE.
4. FEATURES OF CONSTRUCTION SHOWN ARE TYPICAL AND SHALL APPLY GENERALLY THROUGHOUT SIMILAR CONDITIONS. ALL DETAILS REFERENCED, AND DETAILS NOT REFERENCED ON PLANS, SHALL BE CONSIDERED TYPICAL AND APPLY TO ALL SIMILAR CONDITIONS OF THE CONSTRUCTION.
5. UNLESS SHOWN OTHERWISE, DETAILS SHOWN ON "TYPICAL DETAIL" SHEETS SHALL BE USED WHEREVER APPLICABLE. SPECIFIC DETAILS ON THE STRUCTURAL DRAWINGS TAKE PRECEDENCE OVER "TYPICAL DETAILS". SPECIFIC NOTES ON STRUCTURAL DRAWINGS TAKE PRECEDENCE OVER NOTES SHOWN IN "GENERAL NOTES".
6. THE STRUCTURAL DRAWINGS SHOW STRUCTURAL FEATURES. EXACT CONFIGURATION OF INTERIOR PARTITION WALLS IS SHOWN ON ARCHITECTURAL DRAWINGS AND IS NOT NECESSARILY ALL SHOWN ON THE STRUCTURAL DRAWINGS. PROVIDE ANCHORAGE, INSERTS, ANCHOR BOLTS, ETC. FOR STRUCTURAL CONNECTIONS OF TOP, SIDES AND BOTTOM OF ALL PARTITION WALLS AS LOCATED ON THE ARCHITECTURAL DRAWINGS.
7. REFER TO THE ARCHITECTURAL DRAWINGS FOR THE FOLLOWING: FLOOR FINISHES; DEPRESSIONS AND CURBS ON FLOORS; OPENINGS REQUIRED FOR WINDOWS, DOORS, DUCTS, VENTS, PLUMBING, ETC.; FLASHING, INSERTS, ANCHORAGES, HANGERS ETC., EMBEDDED IN OR ATTACHED TO THE STRUCTURE; ROADWAY, WALKS, PAVING, STAIRS, RAMPS, TERRACES, EXTERIOR GRADES, ELEVATIONS OF ROOF SURFACE AND LOCATIONS OF DRAINS AND PARTITION WALLS.
8. THE CONTRACTOR SHALL COMPARE THE STRUCTURAL DRAWINGS WITH ARCHITECTURAL, PLUMBING, MECHANICAL, CIVIL, AND ELECTRICAL DRAWINGS AS TO ALL LAYOUTS, DIMENSIONS AND ELEVATIONS. ANY DISCREPANCIES SHALL BE REPORTED TO THE ARCHITECT FOR PROPER ADJUSTMENT BEFORE PROCEEDING WITH THE WORK.
9. IN THE EVENT THAT CERTAIN FEATURES OF THE CONSTRUCTION ARE NOT FULLY SHOWN ON THE DRAWINGS OR CALLED FOR IN THE GENERAL NOTES, THEIR CONSTRUCTION SHALL BE OF THE SAME CHARACTER AS SHOWN FOR SIMILAR CONDITIONS.
10. BEAMS, JOISTS AND ANY OTHER STRUCTURAL ELEMENTS SHALL NOT BE CUT OR PENETRATED, EXCEPT AS SHOWN IN STRUCTURAL DETAILS OR AS APPROVED BY THE ARCHITECT AND THE STRUCTURAL ENGINEER.
11. CONTRACTOR SHALL VERIFY ALL DIMENSIONS IN FIELD PRIOR TO POURING CONCRETE. ANY DISCREPANCIES SHALL BE CALLED TO THE ATTENTION OF THE ARCHITECT BEFORE PROCEEDING WITH THE WORK.
12. FEATURES OF EXISTING CONSTRUCTION SHALL BE VERIFIED BY THE CONTRACTOR IN THE FIELD AND DISCREPANCIES SHALL BE CALLED TO THE ATTENTION OF THE ARCHITECT.
13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL MEANS, METHODS, TECHNIQUES AND SEQUENCES OF CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SAFETY PROGRAMS AND PROCEDURES DURING CONSTRUCTION.
14. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO ADEQUATELY SHORE AND BRACE EXISTING BUILDING AS REQUIRED DURING CONSTRUCTION. ALL SHORING SHALL CONFORM TO FEDERAL AND LOCAL JURISDICTION OSHA REQUIREMENTS. SHORING DESIGN SHALL BE DESIGNED AND STAMPED BY AN ENGINEER RETAINED BY CONTRACTOR AND REGISTERED IN THE LOCAL JURISDICTION.
15. THE CONTRACTOR SHALL FOLLOW ALL INSTRUCTIONS, RECOMMENDATIONS AND SAFETY PRECAUTIONS PROVIDED BY THE MANUFACTURER OR SUPPLIER OF ANY MATERIAL OR PRODUCT NOTED IN GENERAL NOTES OR DRAWINGS.
16. CONTRACTOR SHALL FIELD VERIFY EXISTING FRAMING CONDITIONS AND SHALL NOTIFY ARCHITECT OF ANY VARIATION FROM CONDITIONS ASSUMED ON DRAWINGS. CONTRACTOR SHALL VERIFY THAT EXISTING FRAMING IS RE-SUPPORTED AND ALL LOADS ARE TRANSFERRED TO NEW OR EXISTING FOOTINGS. CONTRACTOR SHALL CONSULT WITH THE STRUCTURAL ENGINEER AS REQUIRED.
17. GRADES SHOWN ON STRUCTURAL DRAWINGS ARE APPROXIMATE AND FOR GENERAL REFERENCE ONLY.
18. MECHANICAL UNIT LOCATIONS SHOWN ON STRUCTURAL DRAWINGS ARE SCHEMATIC ONLY. GENERAL CONTRACTOR TO COORDINATE STRUCTURAL TRADES WITH MECHANICAL CONTRACTOR TO DETERMINE EXACT LOCATION OF UNITS AND SUPPORTING STRUCTURE.
19. DO NOT SCALE DRAWINGS.

DESIGN CRITERIA

LATERAL LOADS:

A.	WIND DESIGN LOADS – PER CBC SECTION 1609:		
	BASIC WIND SPEED	92 MPH	
	EXPOSURE CATEGORY	C	
B.	SEISMIC DESIGN – PER ASCE 7-16 CHAPTER 13:		
	RISK CATEGORY	II	
	SITE CLASS	D	
	FUNDAMENTAL PERIOD OF BUILDING	T	= N/A
	MAPPED SHORT PERIOD ACCELERATION	S_S	= 1.844 g
	SITE AMPLIFICATION FACTOR	F_a	= 1.2
	DESIGN SHORT PERIOD ACCELERATION	S_{DS}	= 1.475 g
	MAPPED ONE SECOND PERIOD ACCELERATION	S_1	= 0.703 g
	SITE AMPLIFICATION FACTOR	F_v	= 1.7
	DESIGN ONE SECOND ACCELERATION	S_{D1}	= N/A
	IMPORTANCE FACTOR	I	= 1.0
	RESPONSE FACTOR	R	= N/A

STRUCTURAL STEEL NOTES

1. STRUCTURAL STEEL SHALL BE ASTM A36 UNLESS OTHERWISE NOTED. ALL W AND WT SHAPES SHALL BE ASTM A992. ALL HOLLOW STEEL SECTIONS SHALL BE ASTM A500 GRADE C. ALL BASE PLATES, WEB PLATES WITH 2 ROWS OF HS BOLTS AND BRACED FRAME (BRBF) GUSSET PLATES SHALL BE ASTM A572 GRADE 50.
2. ALL STRUCTURAL STEEL SHALL BE FABRICATED AND ERECTED IN ACCORDANCE WITH AISC SPECIFICATIONS, LATEST EDITION.
3. ALL BOLTED STEEL-TO-STEEL CONNECTIONS SHALL BE MADE WITH 1/2" DIAMETER HIGH-STRENGTH BOLTS (ASTM F3125 GRADE A325-X) UNLESS OTHERWISE NOTED. BOLTED CONNECTIONS FOR SEISMIC APPLICATIONS SHALL BE MADE WITH 1" DIAMETER HIGH-STRENGTH BOLTS (ASTM F3125 GRADE F1852 TENSION CONTROLLED WITH PRETENSION OF 51 KIPS). ANCHOR RODS/BOLTS SHALL BE ASTM F1554, Fy = 36 KSI. ANCHOR RODS/BOLTS AT BRBF BASE PLATES SHALL BE ASTM F1554 Fy = 55 KSI. THREADED RODS SHALL BE PER ASTM A193 GRADE B7.
4. ALL WELDING SHALL BE DONE BY CERTIFIED WELDERS.
5. ALL TESTING AND INSPECTION OF SHOP AND FIELD WELDING OPERATIONS SHALL BE MADE BY A CERTIFIED WELDING INSPECTOR.
6. ALL WELDS SHALL BE TESTED AND INSPECTED IN ACCORDANCE WITH
   A. THE SPECIFICATIONS
   B. THE CALIFORNIA BUILDING CODE
   C. AWS D1.1, AS WELL AS D1.8 FOR SEISMIC ELEMENTS. ALL WELDING ELECTRODES SHALL BE E70 SERIES. THE WELDING INSPECTOR SHALL CHECK THE WELDER'S CERTIFICATION, MATERIAL, EQUIPMENT, FIT UP AND PROCEDURES AS WELL AS THE WELDS. THE INSPECTOR SHALL USE ALL MEANS NECESSARY TO DETERMINE THE QUALITY OF THE WELDS, INCLUDING THE USE OF GAMMA RAY, MAGNAFLUX, TREPANNING, SONICS OR ANY OTHER AID TO VISUALLY INSPECT AND TO ASCERTAIN THE ADEQUACY OF THE WELDING. THE INSPECTOR SHALL FURNISH THE ARCHITECT AND THE STRUCTURAL ENGINEER WITH A REPORT VERIFYING THAT ALL WELDS HAVE BEEN DONE IN CONFORMITY WITH THE PLANS, SPECIFICATIONS, AWS D1.1 AND ANY APPLICABLE CODES. UNLESS NOTED OTHERWISE ON THE DRAWINGS, THE FABRICATION AND ERECTION REQUIREMENTS MAY DICTATE FIELD WELDING AND/OR SHOP WELDING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE METHOD OF WELDING TO FULFILL THESE REQUIREMENTS. ALL ASSOCIATED COSTS SHALL BE INCLUDED IN THE CONTRACT PRICE. ALL WELDS USED IN MEMBERS AND CONNECTIONS IN THE SEISMIC LOAD RESISTING SYSTEM AS DEFINED ON THE PLANS SHALL BE MADE WITH A FILLER METAL THAT CAN PRODUCE WELDS THAT HAVE A MINIMUM CHARPY V-NOTCH TOUGHNESS OF 20 FT-LB AT 0 DEGREES FAHRENHEIT AS DETERMINED BY THE APPROPRIATE AWS AS CLASSIFICATION TEST METHOD OR MANUFACTURER CERTIFICATION.
7. ALL WELDS DESIGNATED AS DEMAND CRITICAL SHALL BE MADE WITH A FILLER METAL THAT CAN PRODUCE WELDS THAT HAVE A MINIMUM CHARPY V-NOTCH TOUGHNESS OF 20 FT-LB AT 0 DEGREES FAHRENHEIT AS DETERMINED BY THE APPROPRIATE AWS AS CLASSIFICATION TEST METHOD OR MANUFACTURER CERTIFICATION, AND 40 FT-LB AT 70 DEGREES FAHRENHEIT AS DETERMINED BY AISC 341-10 OR OTHER APPROVED METHOD, WHEN THE STEEL FRAME IS NORMALLY ENCLOSED AND MAINTAINED AT A TEMPERATURE OF 50 DEGREES FAHRENHEIT OR HIGHER.
8. SUBMIT SHOP DRAWINGS TO ARCHITECT FOR REVIEW PRIOR TO FABRICATION. SHOP DRAWINGS SHALL INCLUDE ITEMS REQUIRED BY THE SPECIFICATIONS AND THE FOLLOWING:
   A. DESIGNATION OF THE MEMBERS AND CONNECTIONS THAT ARE PART OF THE SEISMIC LOAD RESISTING SYSTEM
   B. CONNECTION MATERIAL SPECIFICATIONS AND SIZES
   C. LOCATIONS OF DEMAND CRITICAL WELDS
   D. LOCATIONS AND DIMENSIONS OF PROTECTED ZONES
   E. GUSSET PLATES DRAWN TO SCALE
   F. WELDING REQUIREMENTS AS SPECIFIED IN AISC 341-10.
9. WHERE CLOSER THAN AISC TOLERANCES ARE NECESSARY, SUCH AS FOR ALIGNMENT OF STEEL STUDS, MULLIONS, HSS, PANELS, ETC., FIELD WELDING WILL BE REQUIRED TO MEET THE NECESSARY TOLERANCES WITH NO ADDITIONAL COSTS TO THE OWNER.
10. USE ONE TYPE OF WELDING ELECTRODE THROUGHOUT ANY ONE CONNECTION.
11. WELDING OF REINFORCING STEEL TO STRUCTURAL STEEL SHALL BE DONE BY STRUCTURAL STEEL SUB-CONTRACTOR.
12. BOLT HOLES IN STEEL SHALL BE STANDARD SIZE HOLES PER AISC UNLESS OTHERWISE NOTED.
13. STRUCTURAL STEEL CONTRACTOR SHALL EXCHANGE SHOP DRAWINGS WITH STEEL DECK SUB-CONTRACTOR FOR COORDINATION.
14. IRON AND STEEL PRODUCTS PROVIDED BY THE CONTRACTOR SHALL COMPLY WITH THE AMERICAN IRON AND STEEL ACT AND ASSOCIATED REQUIREMENTS.

COLD FORMED METAL FRAMING NOTES

1. METAL STUD FABRICATION SHALL CONFORM TO AISI SPECIFICATIONS FOR THE DESIGN OF LIGHT GAGE COLD FORMED SECTIONS.
2. ALL GALVANIZED STUDS (AND/OR) JOISTS, 54, 68 AND 97 MIL, SHALL BE FORMED FROM STEEL THAT CONFORMS TO THE REQUIREMENTS OF ASTM A1003, GRADE D, WITH A MINIMUM YIELD STRENGTH OF 50,000 PSI.
3. ALL GALVANIZED 33 AND 43 MIL STUDS (AND/OR) JOISTS, AND ALL GALVANIZED TRACK, BRIDGING AND ACCESSORIES SHALL BE FORMED FROM STEEL THAT CONFORMS TO THE REQUIREMENTS OF ASTM A1003, GRADE A, WITH A MINIMUM YIELD STRENGTH OF 33,000 PSI.
4. METAL STUD PROPERTIES SHALL BE PER METAL STUD MANUFACTURERS ASSOCIATION STANDARDS.
5. ALL WELDS FOR LIGHT GAGE STEEL SHALL BE IN ACCORDANCE WITH AISC AND AISI SPECIFICATIONS.
6. ALL WELDING SHALL BE DONE BY CERTIFIED WELDERS.
7. ALL WELDS SHALL BE INSPECTED BY A CERTIFIED WELDING INSPECTOR.
8. BEARING STUDS SHALL BE INSTALLED IN A MANNER WHICH WILL ASSURE THAT ENDS OF THE STUDS ARE POSITIONED AGAINST THE TRACK WEBS, PRIOR TO STUD AND TRACK ATTACHMENT. STUDS SHALL BE SEATED SQUARELY IN THE TRACK WITH THE STUD WEB AND FLANGE ABUTTING THE TRACK WEB, PLUMBED AND ALIGNED, AND SECURELY ATTACHED TO THE FLANGES OR WEB OF BOTH THE UPPER AND LOWER TRACKS.
9. STUDS SHALL BE INSTALLED PLUMB AND ALIGNED, AND SECURELY ATTACHED TO THE FLANGES OR WEB OF BOTH THE UPPER AND LOWER TRACKS.
10. WALL STUD BRIDGING SHALL BE ATTACHED IN A MANNER TO PROVIDE RESISTANCE TO BOTH MINOR AXIS BENDING AND ROTATION. BRIDGING ROWS SHALL BE EQUALLY SPACED NOT TO EXCEED 4'-0" ON CENTER.
11. SPLICES IN BEARING STUDS SHALL NOT BE PERMITTED.
12. JOISTS SHALL BE LOCATED DIRECTLY OVER BEARING STUDS UNLESS OTHERWISE DETAILED.
13. JOIST BRIDGING SHALL BE PROVIDED AS SHOWN ON PLANS AND AS RECOMMENDED BY THE AMERICAN IRON AND STEEL INSTITUTE.
14. PROVIDE ADDITIONAL JOISTS UNDER PARALLEL PARTITIONS AND AROUND ALL FLOOR AND ROOF OPENINGS WHICH INTERRUPT ONE OR MORE SPANNING MEMBERS UNLESS OTHERWISE NOTED.
15. END BLOCKING SHALL BE PROVIDED WHERE JOIST ENDS ARE NOT OTHERWISE RESTRAINED FROM ROTATION.
16. TEMPORARY BRACING SHALL BE PROVIDED UNTIL ERECTION IS COMPLETE.
17. FRAMED WALL OPENINGS SHALL INCLUDE HEADERS AND SUPPORTING STUDS AS SHOWN ON TYPICAL FRAMING DETAILS PROVIDED BY MANUFACTURER UNLESS OTHERWISE NOTED.
18. PUNCHOUTS SHALL NOT OCCUR WITHIN 12" OF ANY SUPPORT POINT, INCLUDING TRACKS, AND SUPPORT CLIPS.

EXPANSION ANCHORS IN HARDENED CONCRETE NOTES

1. INSTALLATION: THE ANCHORS MUST BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS GIVEN IN ICBO RESEARCH COMMITTEE RECOMMENDATIONS FOR THE SPECIFIC ANCHOR.
2. HOLES FOR EXPANSION ANCHORS SHALL BE DRILLED WITH ROTARY HAMMER OR OTHER SUITABLE METHOD TO ENSURE EXISTING REINFORCEMENT IS NOT DAMAGED. HOLE DIAMETER SHALL BE AS REQUIRED BY MANUFACTURER. LOCATE EXISTING REINFORCING BARS PRIOR TO DRILLING HOLES. DO NOT DAMAGE EXISTING REINFORCING. METHOD OF LOCATING EXISTING REINFORCING BARS SHALL BE APPROVED BY THE STRUCTURAL ENGINEER. ALL MIS-DRILLED OR UNACCEPTABLE HOLES SHALL BE GROUTED SOLID.
3. JOB TESTING AND INSPECTION: CONTINUOUS VISUAL INSPECTION OF ANCHOR INSTALLATION IS REQUIRED. TEST FIRST TEN INSTALLED ANCHORS OF EACH SIZE TO TENSION PROOF LOAD. IF ALL PASS, TEST 10% OF REMAINING ANCHORS. IF ANY ANCHOR FAILS, TEST ALL ANCHORS UNTIL 10 SUCCESSIVE, CONSECUTIVE TESTS ARE MADE, THEN RESUME 10% TESTING FREQUENCY. THE LOAD TEST SHALL BE PERFORMED IN THE PRESENCE OF THE PROJECT INSPECTOR. THE LOAD MAY BE APPLIED BY ANY METHOD THAT WILL EFFECTIVELY MEASURE THE TENSION IN THE ANCHOR, SUCH AS DIRECT PULL WITH A HYDRAULIC JACK, A TORQUE WRENCH CALIBRATED USING THE SPECIFIC ANCHOR, CALIBRATED SPRING-LOADED DEVICES, ETC. ANCHORS IN WHICH THE TORQUE IS USED TO EXPAND THE ANCHOR WITHOUT APPLYING TENSION TO THE BOLT MAY NOT BE VERIFIED WITH A TORQUE WRENCH.
4. ALL EXPANSION ANCHORS IN CONCRETE SHALL BE SIMPSON STRONG-BOLT 2 (PER ESR 3037) OR APPROVED EQUAL.
5. TEST INSPECTOR SHALL VERIFY ALL EXPANSION ANCHORS NOT TENSION LOAD TESTED FOR MINIMUM INSTALLATION TORQUE NOTED IN SCHEDULE BELOW.
6. TENSION PROOF LOAD SHALL BE BY AN INDEPENDENT TESTING LABORATORY.
7. EPOXY TO BE SET-3G.

TESTS, INSPECTIONS AND OBSERVATIONS NOTES

1. TESTS AND INSPECTIONS SHALL BE PROVIDED FOR ALL ITEMS AS REQUIRED BY THE CALIFORNIA BUILDING CODE.
2. SEE STATEMENT OF SPECIAL INSPECTIONS, WHEN INCLUDED, FOR SPECIAL INSPECTION REQUIRMENTS.
3. THE FOLLOWING ITEMS SHALL HAVE SPECIAL INSPECTION.
   A. POST INSTALLED ANCHORS IN CONCRETE – EXPANSION ANCHORS, EPOXY ANCHORS, ETC.

THE OWNER SHALL BE RESPONSIBLE FOR RETAINING AN INDEPENDENT TESTING AND INSPECTION LABORATORY TO PERFORM ALL REQUIRED TESTING AND INSPECTIONS.

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING THE TESTING AND INSPECTION LABORATORY WITH CONSTRUCTION SCHEDULES TO ENSURE PROPER COORDINATION OF WORK.

THE CONTRACTOR SHALL NOTIFY THE STRUCTURAL ENGINEER OR INSPECTOR A MINIMUM OF 48 HOURS (EXCLUDING WEEKEND DAYS) PRIOR TO THE TIME OF A REQUIRED INSPECTION.

SYMBOLS AND ABBREVIATIONS

A/S2.1	SECTION A ON DRAWING S2.1	FDN	FOUNDATION	PT	POINT
@	AT	FF	FINISH FLOOR	PTDF	PRESSURE TREATED DOUGLAS FIR LUMBER
&	AND	FIN	FINISH	PTN	PARTITION
°	DEGREE	FLR	FLOOR	PW	STRUCTURAL PLYWOOD
Ø OR DIA	DIAMETER	FOC	FACE OF CONCRETE	PW EN	PLYWOOD EDGE NAILING
#	NUMBER OR POUND	FOM	FACE OF MASONRY		
(E)	EXISTING	FOS	FACE OF STUD	QAP	QUALITY ASSURANCE PROGRAM
(N)	NEW	FS	FAR SIDE		
		FT	FEET	RAD	RADIUS
AB	ANCHOR BOLT	FTG	FOOTING	RBS	REDUCED BEAM SECTION
ADDL	ADDITIONAL			RDP	REGISTERED DESIGN PROFESSIONAL
ADJ	ADJACENT	GA	GAGE, GAUGE	REF	REFERENCE
AFF	ABOVE FINISH FLOOR	GALV	GALVANIZED	RECT	RECTANGULAR
ALT	ALTERNATE	GB	GRADE BEAM	REINF	REINFORCING
APPROX	APPROXIMATE	GLM	GLUED LAMINATED	REQD	REQUIRED
ARCH	ARCHITECT OR ARCHITECTURAL	GYP BD	GYPSUM BOARD	RET WALL	RETAINING WALL
ATS	ANCHOR TIEDOWN SYSTEM			RW	REDWOOD LUMBER
ATTN	ATTENTION	HD	HOLDOWN		
		HDG	HOT-DIPPED GALVANIZED	SAD	SEE ARCHITECTURAL DRAWING
BD	BOARD	HDR	HEADER		OR SEE ARCHITECTURAL DETAIL
BLDG	BUILDING	HGR	HANGER	SCD	SEE CIVIL/SITE DRAWINGS
BLK	BLOCK	HOR	HORIZONTAL	SCHED	SCHEDULE
BLKG	BLOCKING	HP	HIGH POINT	SEC	SECTION
BM	BEAM	HSB	HIGH STRENGTH BOLT	SED	SEE ELECTRICAL DRAWINGS
BO	BOTTOM OF	HSS	HOLLOW STEEL SECTION	SHT	SHEET
BOT	BOTTOM	HT	HEIGHT	SHTG	SHEATHING
BRB	BUCKLING-RESTRAINED BRACE			SIM	SIMILAR
BS	BOTH SIDES	ID	INSIDE DIAMETER	SLD	SEE LANDSCAPE DRAWINGS
BTWN	BETWEEN	IF	INSIDE FACE	SLRS	SEISMIC LOAD RESISTING SYSTEM
		INT	INTERIOR	SMD	SEE MECHANICAL DRAWINGS
C	CONTROL JOINT	INV	INVERT		OR SEE MECHANICAL DETAIL
CBC	CALIFORNIA BUILDING CODE			SMS	SHEET METAL SCREW
CJ	CONSTRUCTION JOINT	JST	JOIST	SOG	SLAB ON GRADE
CL	CENTERLINE	JT(S)	JOINT(S)	SPD	SEE PLUMBING DRAWINGS
CLG	CEILING			SPEC(S)	SPECIFICATION(S)
CLR	CLEAR	K	KIPS (1000 LBS)	SQ	SQUARE
CMU	CONCRETE MASONRY UNIT			SS	SOLID SAWN
COL	COLUMN	LBS	POUNDS	STAG	STAGGERED
CONC	CONCRETE OR CONCENTRATED	LG	LONG	STD	STANDARD
COND	CONDITION	LL	LIVE LOAD	STIFF	STIFFENER
CONN	CONNECTION	LLH	LONG LEG HORIZONTAL	STL	STEEL
CONT	CONTINUOUS	LLV	LONG LEG VERTICAL	STRUCT	STRUCTURAL
CP	COMPLETE PENETRATION WELD	LP	LOW POINT	SW	SHEAR WALL
CTSK	COUNTERSINK	LSL	TIMBERSTRAND LAMINATED STRAND LUMBER	SWL	SHEAR WALL LENGTH
		LT	LIGHT	SYM	SYMMETRICAL
d	PENNY	LTWT	LIGHTWEIGHT		
D	DEPTH	LVL	MICROLLAM LAMINATED VENEER LUMBER	TB	TIE BEAM
DBL	DOUBLE			T&B	TOP & BOTTOM
DCW	DEMAND CRITICAL WELD	MATL	MATERIAL	TDS	TIEDOWN SYSTEM
DEMO	DEMOLISH	MAX	MAXIMUM	T&G	TONGUE & GROOVE
DET	DETAIL	MB	MACHINE BOLT	THK	THICK
DF	DOUGLAS FIR	MECH	MECHANICAL	THRU	THROUGH
DIAG	DIAGONAL	MFR	MANUFACTURER	TN	TOENAIL
DIM(S)	DIMENSION(S)	MIN	MINIMUM	T.O.	TOP OF
DJ	DOUBLE JOIST	MISC	MISCELLANEOUS	TOC	TOP OF CONCRETE
DL	DEAD LOAD	MTL	METAL	TOF	TOP OF FOOTING
DN	DOWN			TO PW	TOP OF PLYWOOD
DO	DITTO	NIC	NOT IN CONTRACT	TOS	TOP OF STEEL OR SLAB
DP	DEEP	NOM	NOMINAL	TOW	TOP OF WALL
DTLS	DETAILS	NTS	NOT TO SCALE	TYP	TYPICAL
DWG(S)	DRAWING(S)	NS	NEAR SIDE		
				UON	UNLESS OTHERWISE NOTED
EA	EACH	OSB	ORIENTED STRAND BOARD	URM	UNREINFORCED MASONRY
EB	EXPANSION BOLT	OC	ON CENTER		
EE	EACH END	OD	OUTSIDE DIAMETER	VENT	VENTILATION
EF	EACH FACE	OH	OPPOSITE HAND	VERT	VERTICAL
EJ	EXPANSION JOINT	OPNG	OPENING	VIF	VERIFY IN FIELD
EL	ELEVATION	OPP	OPPOSITE		
ELEC	ELECTRICAL			W/	WITH
ELEV	ELEVATOR	P#	STEEL PIPE (# = NOMINAL DIAMETER)	WD	WOOD
EMBED	EMBEDMENT	PDF	POWDER DRIVEN FASTENER	WF	WIDE FLANGE
EN	EDGE NAILING	PERF	PERFORATED	W/O	WITHOUT
ENGR	ENGINEER	PFT	PREFABRICATED TRUSSES	WP	WATERPROOF OR WORK POINT
EQ	EQUAL	PDP	POWDER DRIVEN PIN	WT	WEIGHT
EQUIP	EQUIPMENT	PHD	PREDEFLECTED HOLDOWN	WWF	WELDED WIRE FABRIC
ES	EACH SIDE	PL	PLATE	WWM	WELDED WIRE MESH
ETC	ETCETERA	PP	PARTIAL PENETRATION WELD		
EW	EACH WAY	PROP	PROPERTY		
EXC	EXCAVATE	PSF	POUNDS PER SQUARE FEET		
EXT	EXTERIOR	PSI	POUNDS PER SQUARE INCH		
		PSL	PARALLAM PARALLEL STRAND LUMBER		

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ida-ee.com

ISSUE SCHEDULE	NO.	DATE

OSHPD STAMP (IF APPLIES):

ST. RAYMOND'S CHURCH

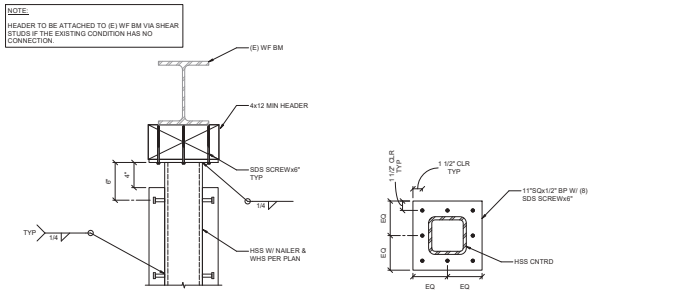
1100 Santa Cruz Ave
Menlo Park, CA 94025

CHAPEL IMPROVEMENTS

SHEET TITLE:

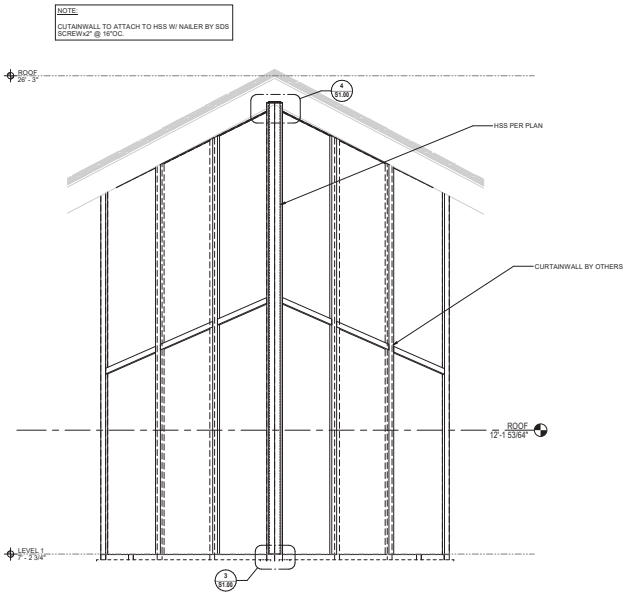
GENERAL NOTES

SCALE: 3/4" = 1'-0"
PROJECT NUMBER: 22084
SHEET NUMBER: S0.00
2018-08-10



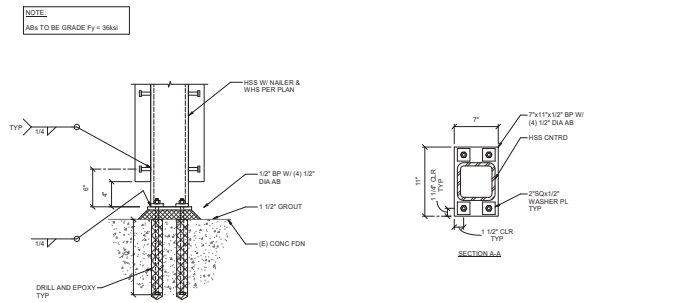
4 S1.00 TOP CONNECTION
1 1/2" = 1'-0"

0' 6" 1' 2' 2'-8"
SCALE: 1 1/2" = 1'-0"



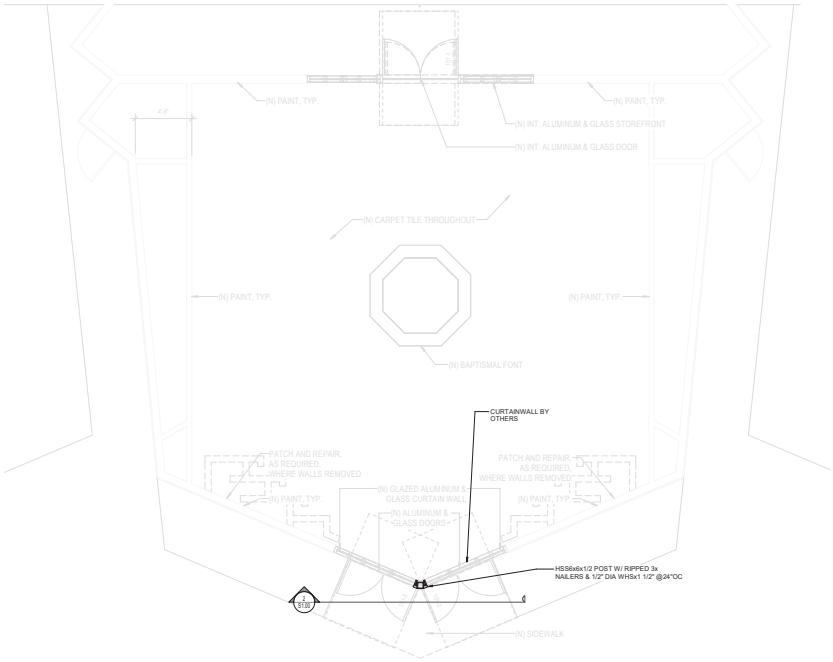
2 S1.00 CURTAIN WALL ELEVATION
1/2" = 1'-0"

0' 1' 2' 4' 8'
SCALE: 1/2" = 1'-0"



3 S1.00 BOTTOM CONNECTION
1 1/2" = 1'-0"

0' 6" 1' 2' 2'-8"
SCALE: 1 1/2" = 1'-0"



1 S1.00 LEVEL 1
1/4" = 1'-0"

0' 2' 4' 8' 16'
SCALE: 1/4" = 1'-0"

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ISSUE SCHEDULE	NO.	DATE

OSHPD STAMP (IF APPLIES):

ST. RAYMOND'S CHURCH

1100 Santa Cruz Ave
Menlo Park, CA 94025

CHAPEL IMPROVEMENTS

SHEET TITLE:
LAYOUT AND DETAILS

SCALE: As indicated
PROJECT NUMBER: 22084

SHEET NUMBER: S1.00

1611131
50%SD
PACKAGE A

A29

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December 2024

St. Raymonds Church

Project Description

Purpose
The purpose of the project is to improve the usability and safety of the sanctuary outdoor areas as well as improve the connection between the inside of the chapel and the sanctuary. The entry to the chapel/ sanctuary is not clearly defined. The outdoor improvements, along with a new curtainwall system, will make the entry sequence more apparent and easier to access. The improvements will also address the safety concerns of the uneven pavement at church's main entry on Santa Cruz Avenue. On each side of the sanctuary, small outdoor spaces with uneven pavement sections will be improved to provide safer space for smaller gatherings before and after services. On each side of the sanctuary, small outdoor spaces with uneven pavement sections will be improved to provide safer space for smaller gatherings before and after services. On each side of the sanctuary, small outdoor spaces will be improved for smaller gatherings before and after services. Currently, much of the paving is in disrepair

Scope of Work
The scope of work in our submittal includes improvements to the exterior areas at the front of the chapel area and along the sides of the sanctuary. New paving, landscaped areas with shrubs and trees will be added along with new signage. There will also be new bollard and pole lights to improve the visibility at night. The main entry glazing will be replaced with the addition of two sets of exterior doors. On the inside of the chapel space, most of the work is new interior finishes along with new glazing and doors to improve the connection between the chapel and sanctuary that allow for overflow space during large church events.

Architectural Style, Materials, Colors, and Construction Methods
The scope of the interior and exterior improvements will be in keeping with the existing architecture. The new curtain wall will match the existing windows of the sanctuary (dark brown). The interior improvements (lighting and finishes) will match the finishes in the sanctuary.

Basis for Site Layout
The design of the exterior site improvements has a formal arrangement to match the formality and symmetry of the chapel and sanctuary. A landscaped area with a new monument sign will be symmetrically placed in front of the chapel with two pathways flanking the entry sign. The two landscaped areas on either side of the sanctuary will also be symmetrical about the sanctuary and similar in nature. There are also two ADA accessible paths that lead to the chapel entries.

Existing and Proposed Uses
The existing and proposed uses will be the same. The purpose of the improvements is improve their existing operations and functions as a church and chapel. The ability to meet informally outdoors is hampered currently by the lack of seating and furnishes. The new improvements will help facilitate more informal gatherings outside the church.

Outreach to Neighboring Properties
The church has held one open house to present the improvement plans to their neighbors and received no objections. They are planning to hold one more meeting with the neighborhod on 12/18 and expect no objections.

Tree Management Experts
Consulting Arborists
3109 Sacramento Street
San Francisco, CA 94115
Member, American Society of Consulting Arborists
Certified Arborists, Tree Risk Assessment Qualified

St. Raymond Church
Attn: Angie Robbiano

via email to: dirofops@straymondmp.com

RE: Church Landscape Project
1100 Santa Cruz Ave, Menlo Park

Date: 8/22/24

ARBORIST REPORT and TREE PROTECTION REPORT

Arborist Report

- Provide a tree inventory for trees within the work area.
- Identify tree impacts due to proposed construction and determine where impacts will require tree removal or re-design.
- Provide a marked set of drawings to show tree protection measures needed.
- Provide data tables, and the Arborist Report and Tree Protection Plan in digital formats to be incorporated into plan sheets by others.

Background

The Church property consists of a large landscaped property with one main building and an auxiliary building. The owners plan to renovate the landscaping around the church.

The following documents were reviewed for this report:

- A plan set provided by Guzzardo Partnership Inc., dated 6/11/2024.

Heritage trees in the City of Menlo Park are defined as any tree larger than 15" DBH (diameter at breast height), native oak trees larger than 10" DBH, certain trees designated by the City Council, and multi-stemmed trees measuring larger than 15" diameter at the point where the stems merge. This Arborist Report and Tree Protection Plan are intended to protect all trees so defined, and is subject to review and approval by City staff.

Tree Management Experts has been designated as the Project Arborist for purposes of these development improvements. The Project Arborist refers to either of the following Certified Arborists who have been pre-approved by the City of Menlo Park:

Aaron Wang	aaron@treemanagementexperts.com	cell 847.630.3599
Roy Leggitt	roy@treemanagementexperts.com	cell 415.606.3610

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Project

For this project, St. Raymond Church plans to repave the area surrounding the church and update the landscaping around the building.

Paving will consist of new concrete walkways and pavers installed at the periphery of the church.

New small trees and an assortment of new shrubs, perennials, and groundcovers will be installed. New irrigation will also be installed.

A total of 25 trees were inventoried within and adjacent to the work area. Of these trees, 18 are heritage trees. Each tree is referenced by an assigned number that corresponds to those used on the attached Site Plan markup. The data for tree identification, defects, and recommendations are listed in the attached data table.

Project Considerations

The planned work will require excavation for new hardscape and irrigation installations. Over-excavation must be minimized to prevent excessive root damage and all roots encountered must be cleanly severed at the edge of excavation. Root Buffers and Tree Protective Fencing must be in place for the duration of the project.

In order to avoid trenching adjacent to heritage trees, irrigation routing should be designed to minimize TPZ areas. This work will have to take place using hand digging, compressed air, vacuum, or hydro-vac excavation, or a combination of those under the supervision of the project arborist. Drain rock will also be refreshed under the dripline of the roof, which will require root buffers to allow access.

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Certified Arborists, Tree Risk Assessment Qualified

Tree Protection

Project Arborist & Periodic Inspections

PROJECT ARBORIST

The Project Arborists for these construction activities is designated as:

Tree Management Experts
MP Business License No: 71214

Name	ISA Cert. #	Phone #
Aaron Wang	MW-5597A	847.630.3599
Roy C. Leggitt, III	WE-0564A	415.606.3610

MONTHLY INSPECTIONS

The Project Arborist shall make periodic inspections on a not less than four-week interval to assess and monitor the effectiveness of the Tree Protection Plan and to provide recommendations for any additional care or treatment.

REPORTING REQUIREMENTS

Any damage to trees due to construction activities shall be reported to the Project Arborist or City Arborist within six hours so that remedial action can be taken. The Project Arborist shall be responsible for the preservation of the designated trees. Should the builder fail to follow the tree protection specifications, it shall be the responsibility of the Project Arborist to report the matter to the City Arborist as an issue of non-compliance.

In addition, after each construction monitoring visit, the Project Arborist shall provide a follow-up letter to the city with an assessment of the severity of impacts and confirming whether mitigation has been completed to specification. If the Project Arborist determines that the structural integrity of the trees has been compromised or the long-term viability of the trees has been compromised, then the trees should be removed and appropriate mitigation should be provided.

Any tree on site protected by the Menlo Park Municipal Code will require replacement according to its appraised value if it is damaged beyond repair as a result of construction activities.

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Construction Procedures

PROHIBITED ACTIVITIES

Do Not:

a. Allow run off of spillage of damaging materials into the area below any tree canopy.
b. Store materials, stockpile soil, or park or drive vehicles within the TPZ.
c. Cut, break, skin, or bruise roots, branches, or trunks without first obtaining authorization from the City Arborist.
d. Allow fires under and adjacent to trees.
e. Discharge exhaust into foliage.
f. Secure cable, chain, or rope to trees or shrubs.
g. Trench, dig, or otherwise excavate within the dripline or TPZ of the tree(s) without first obtaining authorization from the City Arborist.
h. Apply soil sterilants under pavement near existing trees.

DEMOLITION

All tree protective fencing, root buffers, and mulch must be in place prior to demolition. Refer to specific sections below for proper installation of each of these items.

At no time is any wheeled equipment or an excavator allowed to enter or cross over TPZ areas, except where a temporary root buffer has been installed. Use of a tracked Bobcat® or similar loader may be permitted within TPZ areas only on required root buffers, within the footprint of existing structures, or when the Project Arborist is on site to determine appropriate access points and to monitor soil and root conditions. Larger equipment shall not enter the TPZ under any circumstances.

IRRIGATION TRENCHING

Because proposed utility trenching will pass through TPZ areas of the property, any clearing of organic material from the surface or excavation within three (3) feet of depth from current grade must be done under the direction of the Project Arborist. Excavation shall be carried out using hand tools, compressed air, and/or hydro-jet. Roots smaller than 1-inch in diameter shall be cleanly severed at the edge of the excavation. Roots 1-inch and larger in diameter shall be preserved and bridged across the trench. If trenches are to be left open for more than 24 hours, remaining roots must be wrapped in natural (jute) burlap that is kept damp until the trench is backfilled.

Backfill material shall consist of clean native soil that shall not be compacted to more than 85%.

STAGING AREAS

Staging areas are available outside of TPZ areas throughout the site on existing pavement. Storing and staging within TPZ areas can only be done on top of a required root buffer and with proper trunk protection, as specified in this report.

BACKFILL AND FILL SOIL

Within TPZ areas, all backfill and fill soil shall be comprised of clean native topsoil. Soil must be placed without tamping, vibration, rolling, saturating or otherwise causing compaction that exceeds 85 percent. No fill soil movement or placement may be done during wet soil conditions. Do not place, store or stage any fill soil within TPZ areas, except where backfilling against the construction perimeter.

Tree Protection Measures

Tree Protection Implementation Methods

To implement tree protection measures effectively, fences shall enclose the areas outlined on the attached site plan markup. It is recommended that fence posts be installed first, then place mulch and root buffers according to layout. Where tree canopies are contiguous, fencing may enclose multiple trees.

Surface installations such as root buffers and mulch must be installed in appropriate locations between areas identified by fence posts.

Following surface installations, chain link fencing must be strung tightly and closed off at all locations.

Tree Protection Measures for All Areas

TREE PROTECTIVE FENCING AND WARNING SIGNS

Placement: fence installation lines shall enclose the areas outlined on the attached site plan markup. For non-heritage trees to be retained on site, fencing will enclose the dripline or a circle 10x the tree diameter in radius, whichever is greater, to be adjusted as necessary and replaced with root buffers to accommodate construction activities.

Type and Size: 6-foot high chain link fencing shall be placed on at least 1.5-inch tubular galvanized iron posts driven a minimum of 2 feet into undisturbed soil and spaced not more than 10 feet on center. Where temporary access may be necessary, as approved by the City Arborist or Project Arborist, fences may be set on concrete blocks and appropriate root buffers, as described below, shall be installed. Under no circumstances

may a fence be moved closer than 1.5 diameters of the tree from the base of a tree. (e.g. The fence the fence must remain 30 inches from the trunk of a 20-inch tree)

Duration: Tree fencing shall be erected prior to any demolition activity, and shall remain in place for the duration of the project.

TPZ Signs: TPZ signs shall be printed on 11x17 inch (tabloid) yellow paper and laminated and posted on Tree Protective Fencing not more than every 20 feet. A template for these signs is attached to this report.

TRUNK WRAP

Where root buffers are installed in lieu of Tree Protective Fencing, and where construction may affect the stems or branches of a tree, the trunks of trees shall be protected with one of the following methods:

Option 1: Armored straw wattle wrap: Wrap the lower 8 feet of the trunk with straw wattles, encase this in a length of Sonotube®, or similar, and secure with a layer of orange plastic snow fencing. Where the diameter of the tree combined with the straw wattles exceeds the diameter of Sonotube® or similar available (usually 48”), 2x4 planking shall be laid edge to edge around the straw wattle and secured with zip ties and snow-fence.

Option 2: Straw wattle wrap: This method may be easier to install on multi-trunk trees. Wrap at least the lower 6 feet of the trunk with straw wattles and secure with a layer of orange plastic snow fencing.

Option 3: Plywood box wrap: Build a box out of ½ inch plywood screwed together with 2 x 4 bracing. Place blocking between the plywood box and the trunk to prevent movement, cushioning the blocking with a strip of carpet or ½ inch thick cloth layer. This method works well for street trees.

MULCH

Placement: All areas enclosed by Tree Protective Fencing shall have a 6-inch deep layer of mulch applied, leaving a 12-inch distance around each tree trunk free of mulch.

Type and Size: Mulch material shall be 2-inch unpainted, untreated wood chip mulch or an approved equal.

Duration: Mulch shall be placed in all designated areas prior to any demolition or construction activity.

ROOT BUFFER

Placement: A temporary protective Root Buffer must be installed before any driving, storing or staging takes place within any TPZ areas. Root buffers should be placed as delineated in the attached site plan markup.

Type and Size: The Root Buffer shall consist of a base course of tree chips spread over each designated area to a minimum depth of 6 inches. In some cases, it may further stabilize the tree chips to place a cap of a base course of 3/4-inch quarry gravel. The root buffer must be covered with a minimum 3/4-inch or thicker layer of plywood. The plywood cap may be secured with clips to join the sheets. Additional wood chips may be added periodically upon the recommendation of the Project Arborist following monthly inspections.

Duration: All Root Buffers shall remain in place for the duration of the project.

Construction Impact Mitigation

GRADE CHANGES

Grading changes shall not exceed 4 inches of depth in cuts, or 4 inches of depth in fill where such grade changes are within Tree Protection Zones except as approved by the City Arborist or Project Arborist

UTILITY TRENCHING

If any utility trenches must be excavated through any TPZ area or within 10 trunk diameters from any tree, either directional boring not less than 3 feet below grade or careful hand excavation or Air-spade® (or equivalent) excavation is required.

When roots are encountered during excavation outside of this area, any roots under 1” in diameter shall be cleanly severed by hand across the cross-section using bypass pruners or a saw with a pruning blade.

Whenever roots larger than 1” in diameter are encountered, they shall be reported immediately to the Project Arborist who shall determine whether they can be cut or must be left in situ and excavated around using hand or compressed air techniques. Removal of larger roots may result in a hazardous tree and would require removal of a tree, and this can only be determined by having the Project Arborist inspect larger roots.

If roots are left in place they must be protected with dampened burlap. Trenches that must remain open for more than 24 hours shall be lined on the side adjacent to trees with four layers of dampened, untreated burlap, being rewetted as often as necessary to keep the burlap wet.

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Construction Impacts and Mitigation – tree by tree

Trees not shown on this plan set will not be impacted by construction.

Additional trees are shown on the plan set that are not impacted by construction and are not considered in this report.

Tree 1

Tree will be removed to accommodate construction and repair pavement damage.

Project Arborist involvement: none.

The following tree protection measures and mitigation will be necessary:

- None

Tree 2

Demolition and construction activities and potential impacts that will occur within the tree protection zone for this tree are limited to passive uses.

Project Arborist involvement: none.

The following tree protection measures and mitigation will be necessary:

- Tree protective fencing.

Tree 3

Demolition and construction activities and potential impacts that will occur within the tree protection zone for this tree are limited to passive uses.

Project Arborist involvement: none.

The following tree protection measures and mitigation will be necessary:

- Tree protective fencing.

Tree 4

Demolition and construction activities and potential impacts that will occur within the tree protection zone for this tree are limited to passive uses.

Project Arborist involvement: none.

The following tree protection measures and mitigation will be necessary:

- Tree protective fencing.

Tree 5

Demolition and construction activities and potential impacts that will occur within the tree protection zone for this tree are new paving and bench construction.

Project Arborist involvement: mandatory during all excavation activity.

The following tree protection measures and mitigation will be necessary:

- Tree protective fencing.
- Arborist oversight during excavation for the new construction.

Tree 6

Demolition and construction activities and potential impacts that will occur within the tree protection zone for this tree are new paving and bench construction.

Project Arborist involvement: mandatory during all excavation activity.

The following tree protection measures and mitigation will be necessary:

- Tree protective fencing.
- Arborist oversight during excavation for the new construction.

Tree 7

Demolition and construction activities and potential impacts that will occur within the tree protection zone for this tree are limited to passive uses.

Project Arborist involvement: none.

The following tree protection measures and mitigation will be necessary:

- Tree protective fencing.

Tree 8

Demolition and construction activities and potential impacts that will occur within the tree protection zone for this tree are limited to passive uses.

Project Arborist involvement: none.

The following tree protection measures and mitigation will be necessary:

- Tree protective fencing.

Tree 9

Demolition and construction activities and potential impacts that will occur within the tree protection zone for this tree are new paving and bench construction as well as access for new drain rock installation.

Project Arborist involvement: mandatory during all excavation activity.

The following tree protection measures and mitigation will be necessary:

- Tree protective fencing.
- Root Buffers
- Arborist oversight during excavation for the new construction.

Tree 10

Demolition and construction activities and potential impacts that will occur within the tree protection zone for this tree are limited to passive uses.

Project Arborist involvement: none.

The following tree protection measures and mitigation will be necessary:

- Tree protective fencing.

Tree 11

Demolition and construction activities and potential impacts that will occur within the tree protection zone for this tree are limited to passive uses.

Project Arborist involvement: none.

The following tree protection measures and mitigation will be necessary:

- Tree protective fencing.

Tree 12

Demolition and construction activities and potential impacts that will occur within the tree protection zone for this tree are limited to passive uses.

Project Arborist involvement: none.

The following tree protection measures and mitigation will be necessary:

- Tree protective fencing.

Tree 13

Demolition and construction activities and potential impacts that will occur within the tree protection zone for this tree are limited to passive uses.

Project Arborist involvement: none.

The following tree protection measures and mitigation will be necessary:

- Tree protective fencing.

Tree 14

Demolition and construction activities and potential impacts that will occur within the tree protection zone for this tree are limited to passive uses.

Project Arborist involvement: none.

The following tree protection measures and mitigation will be necessary:

- Tree protective fencing.

Tree 15

Demolition and construction activities and potential impacts that will occur within the tree protection zone for this tree are limited to passive uses.

Project Arborist involvement: none.

The following tree protection measures and mitigation will be necessary:

- Tree protective fencing.

Tree 16

Demolition and construction activities and potential impacts that will occur within the tree protection zone for this tree are new paving and bench construction as well as access for new drain rock installation.

Project Arborist involvement: mandatory during all excavation activity.

The following tree protection measures and mitigation will be necessary:

- Tree protective fencing.
- Root Buffers
- Arborist oversight during excavation for the new construction.

Tree 17

Demolition and construction activities and potential impacts that will occur within the tree protection zone for this tree are limited to passive uses.

Project Arborist involvement: none.

The following tree protection measures and mitigation will be necessary:

- Tree protective fencing.

Tree 18

Demolition and construction activities and potential impacts that will occur within the tree protection zone for this tree are new paving and bench construction.

Project Arborist involvement: mandatory during all excavation activity.

The following tree protection measures and mitigation will be necessary:

- Tree protective fencing.
- Arborist oversight during excavation for the new construction.

Tree 19

Demolition and construction activities and potential impacts that will occur within the tree protection zone for this tree are new paving and bench construction.

Project Arborist involvement: mandatory during all excavation activity.

The following tree protection measures and mitigation will be necessary:

- Tree protective fencing.
- Arborist oversight during excavation for the new construction.

Tree 20

Demolition and construction activities and potential impacts that will occur within the tree protection zone for this tree are limited to passive uses.

Project Arborist involvement: none.

The following tree protection measures and mitigation will be necessary:

- Tree protective fencing.

Tree 21

Demolition and construction activities and potential impacts that will occur within the tree protection zone for this tree are new paving.

Project Arborist involvement: mandatory during all excavation activity.

The following tree protection measures and mitigation will be necessary:

- Tree protective fencing.
- Arborist oversight during excavation for the new construction.

Tree 22

Demolition and construction activities and potential impacts that will occur within the tree protection zone for this tree are limited to passive uses.

Project Arborist involvement: none.

The following tree protection measures and mitigation will be necessary:

- Tree protective fencing.

Tree 23

Demolition and construction activities and potential impacts that will occur within the tree protection zone for this tree are limited to passive uses.

Project Arborist involvement: none.

The following tree protection measures and mitigation will be necessary:

- Tree protective fencing.

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Tree 24

Demolition and construction activities and potential impacts that will occur within the tree protection zone for this tree are limited to passive uses.

Project Arborist involvement: none.

The following tree protection measures and mitigation will be necessary:

- Tree protective fencing.

Tree 25

Demolition and construction activities and potential impacts that will occur within the tree protection zone for this tree are limited to passive uses.

Project Arborist involvement: none.

The following tree protection measures and mitigation will be necessary:

- Tree protective fencing.

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Maintenance and Ongoing Care

Tree maintenance and ongoing care is necessary in preparation for construction, and throughout the entire timeline for construction. Anticipated needs include pruning and tree protection during landscape construction:

PRUNING

Pruning shall be done by a Certified Arborist in accordance with the current ANSI A300 Pruning Standards and International Society of Arboriculture (ISA) Best Management Practices.

Pruning shall be in accordance with that outlined in this report.

IRRIGATION

Supplemental irrigation shall be applied to all trees that are anticipated to have root impacts as a result of construction impacts. However, summer irrigation of native oaks can predispose them to sudden oak death and fungal infections and should not occur under any circumstances. Winter precipitation may not be sufficient to support tree health and during this cooler periods, native oaks, especially those impacted by construction, may need to receive supplemental irrigation.

In cases where irrigation is deemed necessary it shall consist of 1 time per month during the irrigation season (usually March through September, depending on precipitation) in the amount of 10 gallons per inch of trunk diameter to be evenly applied within the dripline by standard gear driven sprinklers, inline drip tubing, or soaker hoses. The water flow should not cause runoff and should be adjusted to fully percolate into soil.

Lime dust from concrete can burn the foliage of trees and soil dust can suffocate foliage. After work producing this type of dust, tree foliage shall be flushed with potable water.

LANDSCAPING

Care must be exercised during landscape construction to avoid any trenches across existing TPZ areas. If sub-surface trenches must be installed, common trenches should be used and they should stay as far away from the trees as possible. A trench running along a radius line directly toward a tree is preferable to a cross trench.

Landscape construction plans are subject to review and comment by the Project Arborist. If extensive trenching is required, Air-spade® excavation may be required.

Care must be taken to keep mulch away from the base of all trees and other woody plants. Similarly, soil grades must be carefully monitored to keep excess soil from accumulating around the base of trees and shrubs.

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Assumptions and Limiting Conditions

1. Any legal description provided to the consultant is assumed to be correct. Title and ownership of all property considered are assumed to be good and marketable. No responsibility is assumed for matters legal in character. Any and all property is appraised or evaluated as though free and clear, under responsible ownership and competent management.
2. It is assumed that any property is not in violation of any applicable codes, ordinances, statutes or other governmental regulations.
3. Care has been taken to obtain all information from reliable sources. All data has been verified insofar as possible. The consultant can neither guarantee nor be responsible for the accuracy of information provided by others.
4. Various diagrams, sketches and photographs in this report are intended as visual aids and are not to scale, unless specifically stated as such on the drawing. These communication tools in no way substitute for nor should be construed as surveys, architectural or engineering drawings.
5. Loss or alteration of any part of this report invalidates the entire report.
6. Possession of this report or a copy thereof does not imply right of publication or use for any purpose by any other than the person to whom it is addressed, without the prior written or verbal consent of the consultant.
7. This report is confidential and to be distributed only to the individual or entity to whom it is addressed. Any or all of the contents of this report may be conveyed to another party only with the express prior written or verbal consent of the consultant. Such limitations apply to the original report, a copy, facsimile, scanned image or digital version thereof.
8. This report represents the opinion of the consultant. In no way is the consultant's fee contingent upon a stipulated result, the occurrence of a subsequent event, nor upon any finding to be reported.
9. The consultant shall not be required to give testimony or to attend court by reason of this report unless subsequent contractual arrangements are made, including payment of an additional fee for such services as described in the fee schedule, an agreement or a contract.
10. Information contained in this report reflects observations made only to those items described and only reflects the condition of those items at the time of the site visit. Furthermore, the inspection is limited to visual examination of items and elements at the site, unless expressly stated otherwise. There is no expressed or implied warranty or guarantee that problems or deficiencies of the plants or property inspected may not arise in the future.

Disclosure Statement

Arborists are tree specialists who use their education, knowledge, training, and experience to examine trees, recommend measures to enhance the beauty and health of trees, and attempt to reduce the risk of living near trees. Clients may choose to accept or disregard the recommendations of the arborist, or to seek additional advice.

Arborists cannot detect every condition that could possibly lead to the structural failure of a tree. Trees are living organisms that fail in ways we do not fully understand. Conditions are often hidden within trees and below ground. Arborists cannot guarantee that a tree will be healthy or safe under all circumstances, or for a specified period of time. Likewise, remedial treatments, like any medicine, cannot be guaranteed.

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Treatment, pruning, and removal of trees may involve considerations beyond the scope of the arborist's services such as property boundaries, property ownership, site lines, disputes between neighbors, and other issues. An arborist cannot take such considerations into account unless complete and accurate information is disclosed to the arborist. An arborist should then be expected to reasonably rely upon the completeness and accuracy of the information provided.

Trees can be managed, but they cannot be controlled. To live near trees is to accept some degree of risk. The only way to eliminate all risk associated with trees is to eliminate the trees.

Certification of Performance

I, Aaron Wang, Certify:

- That we have inspected the trees and/or property evaluated in this report. We have stated findings accurately, insofar as the limitations of the Assignment and within the extent and context identified by this report;
- That we have no current or prospective interest in the vegetation or any real estate that is the subject of this report, and have no personal interest or bias with respect to the parties involved;
- That the analysis, opinions and conclusions stated herein are original and are based on current scientific procedures and facts and according to commonly accepted arboricultural practices;
- That no significant professional assistance was provided, except as indicated by the inclusion of another professional report within this report;
- That compensation is not contingent upon the reporting of a predetermined conclusion that favors the cause of the client or any other party.

I am a member and Certified Arborist with the International Society of Arboriculture.

I have attained professional training in all areas of knowledge asserted through this report by completion of a Bachelor of Science degree in Forestry and Natural Resources, by routinely attending pertinent professional conferences and by reading current research from professional journals, books and other media.

I have rendered professional services in a full-time capacity in the field of horticulture and arboriculture for more than 11 years.

Signed: _____

Date: *8/22/24*

St. Raymond's Church Landscape Project
Tree Data

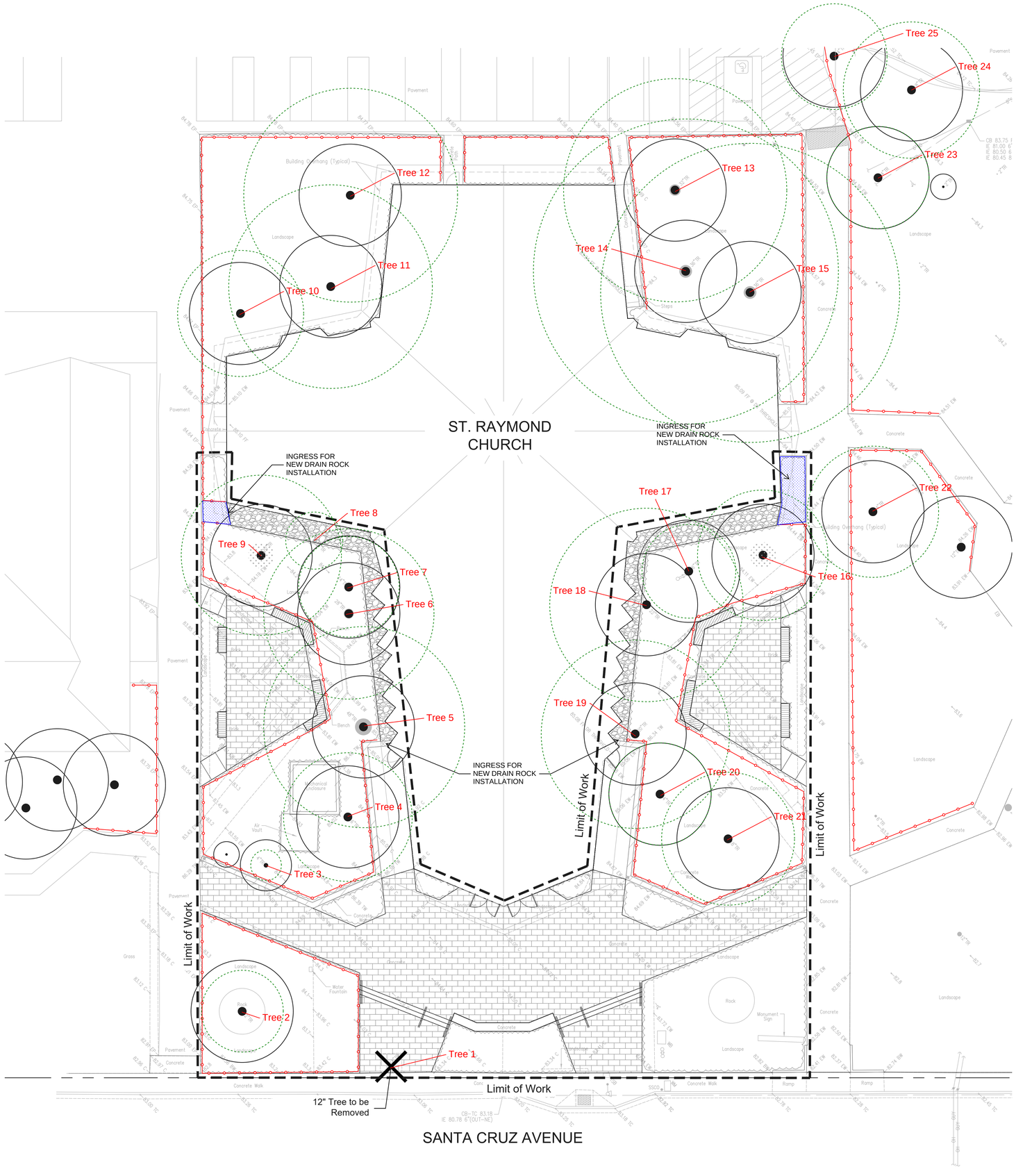
Identifying Information										Maintenance Tasks					
Tree #	Common Name	Binomial Name	Diameter (in)	Height (ft)	Spread (ft)	Condition (%)	Functional Limitations (%)	External Limitations (%)	Heritage Tree	Remove Tree	Crown Clean	End-Weight Reduction	Monitor	Notes	Appraised Value
1	callery pear	*Pyrus calleryana*	12.5	20	15	75	60	90		X				Sidewalk Lifts, Curb Damage	$ 5,000
2	Kwanzan cherry	*Prunus serrulata 'Kanzan'*	11.5	10	10	80	90	90					X		$ 6,800
3	edible fig	*Ficus carica*	4.3	10	10	80	90	90					X		$ 940
4	southern magnolia	*Magnolia grandiflora*	18.1	30	20	75	70	70	X			X		sucker growth, one-sided	$ 9,500
5	Hollywood juniper	*Juniperus chinensis 'Torulosa'*	12.0,13.7, 14.0,16.6	15	15	75	60	70	X				X	one-sided	$ 11,700
6	Hollywood juniper	*Juniperus chinensis 'Torulosa'*	16.4,17.5	15	15	75	60	70	X				X	one-sided	$ 8,400
7	Hollywood juniper	*Juniperus chinensis 'Torulosa'*	14.2	15	15	75	60	90					X	one-sided, crowded	$ 3,800
8	Hollywood juniper	*Juniperus chinensis 'Torulosa'*	8.0	15	10	40	40	90					X	one-sided, crowded	$ 430
9	southern magnolia	*Magnolia grandiflora*	22.5	30	20	75	80	60	X			X		one-sided	$ 14,400
10	incense cedar	*Calocedrus decurrens*	17.8	40	15	75	70	60	X		X			15° lean	$ 4,600
11	incense cedar	*Calocedrus decurrens*	28.7	60	25	80	70	60	X		X			codoms at 5ft	$ 12,900
12	incense cedar	*Calocedrus decurrens*	30.1	50	25	75	70	60	X		X				$ 13,300
13	incense cedar	*Calocedrus decurrens*	31.4	50	25	80	70	60	X		X				$ 15,400
14	incense cedar	*Calocedrus decurrens*	43.0	70	30	75	70	60	X		X				$ 27,100
15	incense cedar	*Calocedrus decurrens*	42.1	60	30	75	70	60	X		X			adjust cable, codoms @ 5ft	$ 26,000
16	southern magnolia	*Magnolia grandiflora*	18.4	30	30	80	80	70	X			X		adjust cable, codoms @ 8ft	$ 11,900
17	southern magnolia	*Magnolia grandiflora*	13.2	20	15	75	50	90				X			$ 4,600
18	Hollywood juniper	*Juniperus chinensis 'Torulosa'*	27.2	20	15	80	60	70	X				X	one-sided	$ 11,600
19	Hollywood juniper	*Juniperus chinensis 'Torulosa'*	26.5	20	15	80	60	70	X				X	one-sided	$ 11,000
20	southern magnolia	*Magnolia grandiflora*	15.0	25	15	75	50	70	X				X		$ 4,700
21	southern magnolia	*Magnolia grandiflora*	18.7	20	20	80	80	70	X				X		$ 12,300
22	coast redwood	*Sequoia sempervirens*	18.5	40	20	80	90	70	X				X		$ 6,400
23	Kwanzan cherry	*Prunus serrulata 'Kanzan'*	14.4	10	15	80	90	90					X		$ 10,600
24	London plane	*Platanus x acerfolia*	19.2	50	30	80	80	70	X			X			$ 7,700
25	London plane	*Platanus x acerfolia*	16.1	50	30	80	80	70	X			X			$ 5,400

St. Raymond's Church Landscape Project
Appraised Tree Value

Tree #	Species	Diameter (in)	Trunk Area	Cond %	FL %	EL %	Repl Dia	Repl Trunk Area	Replacement Tree Cost	Unit Tree Cost	Basic Cost	Depreciated Cost	Repl Tree Install	Aftercare	Total Addl Costs	Total Costs	Appraisal (Rounded)
1	*Pyrus calleryana*	12.5	122.72	75%	60%	90%	1.69	2.24	$ 225.00	$ 100.30	$ 12,309.18	$ 4,985.22	$ -	$ -	$ -	$ 4,985.22	$ 5,000
2	*Prunus serrulata 'Kanzan'*	11.5	103.87	80%	90%	90%	1.69	2.24	$ 225.00	$ 100.30	$ 10,418.49	$ 6,751.18	$ -	$ -	$ -	$ 6,751.18	$ 6,800
3	*Ficus carica*	4.3	14.52	80%	90%	90%	1.69	2.24	$ 225.00	$ 100.30	$ 1,456.62	$ 943.89	$ -	$ -	$ -	$ 943.89	$ 940
4	*Magnolia grandiflora*	18.1	257.30	75%	70%	70%	1.69	2.24	$ 225.00	$ 100.30	$ 25,808.71	$ 9,484.70	$ -	$ -	$ -	$ 9,484.70	$ 9,500
5	*Juniperus chinensis 'Torulosa'*	28.3	629.02	75%	60%	70%	2.20	3.80	$ 225.00	$ 59.19	$ 37,231.46	$ 11,727.91	$ -	$ -	$ -	$ 11,727.91	$ 11,700
6	*Juniperus chinensis 'Torulosa'*	24.0	452.39	75%	60%	70%	2.20	3.80	$ 225.00	$ 59.19	$ 26,776.86	$ 8,434.71	$ -	$ -	$ -	$ 8,434.71	$ 8,400
7	*Juniperus chinensis 'Torulosa'*	14.2	158.37	75%	60%	90%	2.20	3.80	$ 225.00	$ 59.19	$ 9,373.76	$ 3,796.37	$ -	$ -	$ -	$ 3,796.37	$ 3,800
8	*Juniperus chinensis 'Torulosa'*	8.0	50.27	40%	40%	90%	2.20	3.80	$ 225.00	$ 59.19	$ 2,975.21	$ 428.43	$ -	$ -	$ -	$ 428.43	$ 430
9	*Magnolia grandiflora*	22.5	397.61	75%	80%	60%	1.69	2.24	$ 225.00	$ 100.30	$ 39,881.74	$ 14,357.43	$ -	$ -	$ -	$ 14,357.43	$ 14,400
10	*Calocedrus decurrens*	17.8	248.85	75%	70%	60%	2.20	3.80	$ 225.00	$ 59.19	$ 14,729.13	$ 4,639.68	$ -	$ -	$ -	$ 4,639.68	$ 4,600
11	*Calocedrus decurrens*	28.7	646.93	80%	70%	60%	2.20	3.80	$ 225.00	$ 59.19	$ 38,291.37	$ 12,865.90	$ -	$ -	$ -	$ 12,865.90	$ 12,900
12	*Calocedrus decurrens*	30.1	711.58	75%	70%	60%	2.20	3.80	$ 225.00	$ 59.19	$ 42,118.23	$ 13,267.24	$ -	$ -	$ -	$ 13,267.24	$ 13,300
13	*Calocedrus decurrens*	31.4	774.37	80%	70%	60%	2.20	3.80	$ 225.00	$ 59.19	$ 45,834.92	$ 15,400.53	$ -	$ -	$ -	$ 15,400.53	$ 15,400
14	*Calocedrus decurrens*	43.0	1452.20	75%	70%	60%	2.20	3.80	$ 225.00	$ 59.19	$ 85,955.58	$ 27,076.01	$ -	$ -	$ -	$ 27,076.01	$ 27,100
15	*Calocedrus decurrens*	42.1	1392.05	75%	70%	60%	2.20	3.80	$ 225.00	$ 59.19	$ 82,395.09	$ 25,954.45	$ -	$ -	$ -	$ 25,954.45	$ 26,000
16	*Magnolia grandiflora*	18.4	265.91	80%	80%	70%	1.69	2.24	$ 225.00	$ 100.30	$ 26,671.34	$ 11,948.76	$ -	$ -	$ -	$ 11,948.76	$ 11,900
17	*Magnolia grandiflora*	13.2	136.85	75%	50%	90%	1.69	2.24	$ 225.00	$ 100.30	$ 13,726.41	$ 4,632.66	$ -	$ -	$ -	$ 4,632.66	$ 4,600
18	*Juniperus chinensis 'Torulosa'*	27.2	581.07	80%	60%	70%	2.20	3.80	$ 225.00	$ 59.19	$ 34,393.39	$ 11,556.18	$ -	$ -	$ -	$ 11,556.18	$ 11,600
19	*Juniperus chinensis 'Torulosa'*	26.5	551.55	80%	60%	70%	2.20	3.80	$ 225.00	$ 59.19	$ 32,645.92	$ 10,969.03	$ -	$ -	$ -	$ 10,969.03	$ 11,000
20	*Magnolia grandiflora*	15.0	176.72	75%	50%	70%	1.69	2.24	$ 225.00	$ 100.30	$ 17,725.22	$ 4,652.87	$ -	$ -	$ -	$ 4,652.87	$ 4,700
21	*Magnolia grandiflora*	18.7	274.65	80%	80%	70%	1.69	2.24	$ 225.00	$ 100.30	$ 27,548.14	$ 12,341.57	$ -	$ -	$ -	$ 12,341.57	$ 12,300
22	*Sequoia sempervirens*	18.5	268.80	80%	90%	70%	2.46	4.75	$ 225.00	$ 47.34	$ 12,724.94	$ 6,413.37	$ -	$ -	$ -	$ 6,413.37	$ 6,400
23	*Prunus serrulata 'Kanzan'*	14.4	162.86	80%	90%	90%	1.69	2.24	$ 225.00	$ 100.30	$ 16,335.56	$ 10,585.44	$ -	$ -	$ -	$ 10,585.44	$ 10,600
24	*Platanus x acerfolia*	19.2	289.53	80%	80%	70%	2.20	3.80	$ 225.00	$ 59.19	$ 17,137.19	$ 7,677.46	$ -	$ -	$ -	$ 7,677.46	$ 7,700
25	*Platanus x acerfolia*	16.1	203.58	80%	80%	70%	2.20	3.80	$ 225.00	$ 59.19	$ 12,050.05	$ 5,398.42	$ -	$ -	$ -	$ 5,398.42	$ 5,400

St. Raymond's Church Landscape Project
Expected Construction Impacts

Tree #	Common Name	Binomial Name	Diameter (in)	Heritage Tree	Planned Removal	Reason for Removal	10x TPZ Radius (ft)	Estimated Minimum Distance to Impacts (ft)	Expected Root Loss	Expected Canopy Losses	Significant Impacts (>25%)	Tree Protection Fencing	Mulch	Trunk Wrap	Root Buffer
1	callery pear	Pyrus calleryana	12.5		X	Construction Conflict	10.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2	Kwanzan cherry	Prunus serrulata 'Kanzan'	11.5				9.6	18.0	0%	0%		X	X		
3	edible fig	Ficus carica	4.3				3.6	4.5	0%	0%		X	X		
4	southern magnolia	Magnolia grandiflora	18.1	X			15.1	15.5	0%	0%		X	X		
5	Hollywood juniper	Juniperus chinensis 'Torulosa'	28.3	X			23.6	8.8	20%	0%		X	X		
6	Hollywood juniper	Juniperus chinensis 'Torulosa'	24.0	X			20.0	9.5	15%	0%		X	X		
7	Hollywood juniper	Juniperus chinensis 'Torulosa'	14.2				11.8	12.5	0%	0%		X	X		
8	Hollywood juniper	Juniperus chinensis 'Torulosa'	8.0				6.7	17.8	0%	0%		X	X		
9	southern magnolia	Magnolia grandiflora	22.5	X			18.8	11.5	20%	0%		X	X		X
10	incense cedar	Calocedrus decurrens	17.8	X			14.8	63.0	0%	0%		X			
11	incense cedar	Calocedrus decurrens	28.7	X			23.9	75.0	0%	0%		X			
12	incense cedar	Calocedrus decurrens	30.1	X			25.1	97.0	0%	0%		X			
13	incense cedar	Calocedrus decurrens	31.4	X			26.2	96.0	0%	0%		X			
14	incense cedar	Calocedrus decurrens	43.0	X			35.8	78.0	0%	0%		X			
15	incense cedar	Calocedrus decurrens	42.1	X			35.1	70.0	0%	0%		X			
16	southern magnolia	Magnolia grandiflora	18.4	X			15.3	10.3	10%	0%		X	X		X
17	southern magnolia	Magnolia grandiflora	13.2				11.0	11.8	0%	0%		X	X		
18	Hollywood juniper	Juniperus chinensis 'Torulosa'	27.2	X			22.7	12.5	15%	0%		X	X		
19	Hollywood juniper	Juniperus chinensis 'Torulosa'	26.5	X			22.1	11.0	20%	0%		X	X		
20	southern magnolia	Magnolia grandiflora	15.0	X			12.5	17.0	0%	0%		X	X		
21	southern magnolia	Magnolia grandiflora	18.7	X			15.6	13.8	5%	0%		X	X		
22	coast redwood	Sequoia sempervirens	18.5	X			15.4	23.0	0%	0%		X			
23	Kwanzan cherry	Prunus serrulata 'Kanzan'	14.4				12.0	96.0	0%	0%		X			
24	London plane	Platanus x acerfolia	19.2	X			16.0	118.0	0%	0%		X			
25	London plane	Platanus x acerfolia	16.1	X			13.4	122.0	0%	0%		X			



X	Existing Tree to be Removed per Project Design
— — —	Property Line

TREE PROTECTION/PRUNING NOTES

1. All trees designated to be preserved shall be verified by the Project Superintendent. This shall occur prior to the removal of any trees on-site.
2. Neighboring trees overhanging the site should be protected from site construction impacts in the same manner as existing on-site trees to be preserved.
3. Tree drip zone areas shall be protected with a 5' high chain link fence enclosure mounted on 2 inch diameter galvanized iron posts driven into the ground to a depth of at least 2 feet at no more than 10 foot spacing. The fence shall enclose the entire area under the dripline. Spray paint the top of the fence with bright orange paint before unrolling the fabric to ensure visibility of the barrier. In no case shall any vehicles or equipment be permitted to be stored within this enclosed area. Fence shall be erected before construction begins and remain in place until time for relocation.
4. No materials or topsoil shall be stored within the tree enclosure area.
5. No trenching within enclosure shall be permitted. Any tree roots encountered outside of the enclosure smaller than 2" shall be cut clean with the approved tree pruning tools and sealed with an approved fungicidal tree sealant. Tree roots 2" or larger shall not be cut. Route pipes into alternate location to avoid conflict. Any damaged or torn roots are to be root pruned and sealed with orange shellac.
6. No grading or trenching shall be permitted within the fenced zone or under the dripline except as specifically noted on the plans.
7. No soil sterilants shall be applied under pavement near existing trees.
8. Fertilizer and water soil injections must be done during April-May of the year of construction as well as the year after. These shall consist of Miller Nutrileaf 20-20-20 or equal at 5.5 pounds per 100 gallons of water or equivalent, or as recommended by the Arborist. This shall be applied to a depth of at least 18" and at a 20 degree angle toward the tree trunk at a rate of 10 gallons per inch of tree caliper.
9. Above ground surface runoff shall not be directed into the tree canopy area from adjacent areas.
10. A supplemental irrigation program is recommended at regular intervals (every three to four weeks) during the period in May 1 through Oct. 31. Irrigation is to be applied at or above the 'dripline' in an amount sufficient to supply approximately fifteen gallons of water for each inch in trunk diameter.
11. Irrigation can be provide by means of a soil needle, 'soaker' or permeable hose. When using 'soaker' or permeable hose, water is to be run at low pressure, avoiding runoff/puddling, allowing the needed moisture to penetrate the soil to feeder root depths.
12. Periodic inspections by a qualified Arborist are recommended during construction activities, particularly as trees are impacted by trenching/grading operations. Any recommendations by the Arborist for maintaining the health of trees are to be implemented.
13. Tree Pruning Notes. All trees shall be pruned in compliance with the following industry standards:

    A. All specifications for working on protected trees shall be written and administered by a qualified arborist.

    B. All work on protected trees shall be in accordance with the industry Standard Practices for Tree Care Operations outlined in the ANSII A300-1995 and ANSI33-1994.

    C. All Specified tree work shall be designed to promote practices which encourage the preservation of tree structure and health, in accordance with the current Tree Pruning Guidelines (International Society of Arboriculture). An I.S.A. Certified Arborist or Tree Worker must be present at all times during pruning operations.

Tree 15 / TREE NUMBER

10x TPZ

TREE PROTECTION FENCING

ROOT BUFFER

RATCLIFF
5856 Doyle Street
Emeryville, CA 94608
Tel 510 899 6400
www.ratcliffarch.com

THE Guzzardo Partnership, INC.
Landscape Architects | Land Planners
Pier 9, The Embarcadero, Suite 115
San Francisco, CA 94111 | www.tgp-inc.com

LICENSED LANDSCAPE ARCHITECT — Paul T. Lettieri No. 3815 — Exp. 08-31-25 — 06-11-2024 — STATE OF CALIFORNIA

ISSUE SCHEDULE	NO.	DATE
Permit Set		6/11/2024

OSHPD STAMP (IF APPLIES):

ST. RAYMOND'S CHURCH

1100 Santa Cruz Ave
Menlo Park, CA 94025

CHAPEL IMPROVEMENTS

SHEET TITLE:

TREE PROTECTION PLAN

SCALE:

PROJECT NUMBER: 22425.00

SHEET NUMBER: L7.2

Tree Management Experts
Consulting Arborists
Certified Arborists, Certified Tree Risk Assessors
Contractor's License No. 885953, D-49 Tree Service
(415) 606-3610 · Roy@treemanagementexperts.com

N SCALE: 1" = 10'-0"
0' 5' 10' 20'

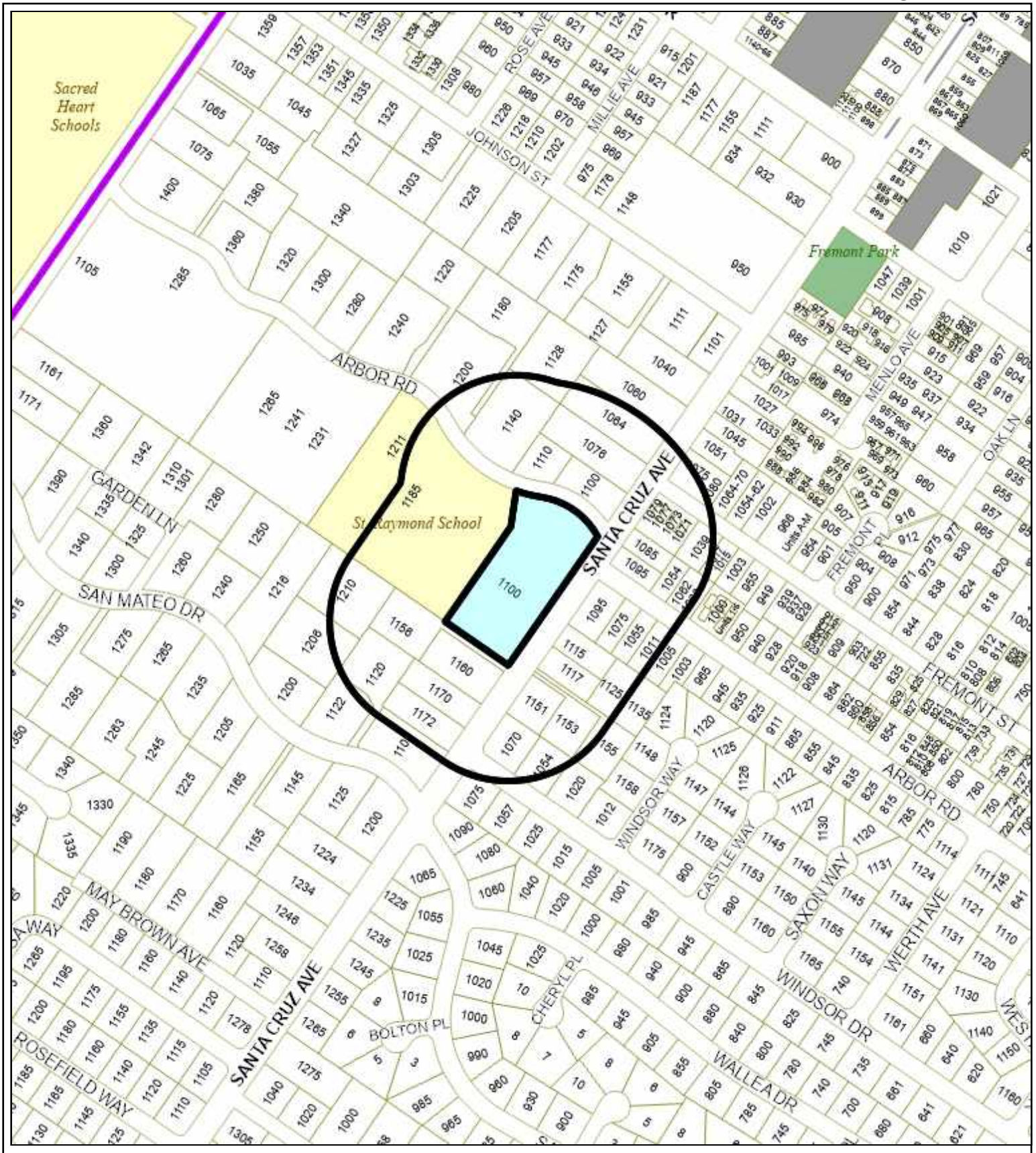
3/5/2024 9:02:36 AM

A51

LOCATION: 1100 Santa Cruz Avenue	**PROJECT NUMBER:** PLN2024-00045	**APPLICANT:** Father Jerome Cudden	**OWNER:** Archdiocese of San Francisco Real Property Support Corp.

PROJECT CONDITIONS:

1. The architectural control permit shall be subject to the following standard conditions**:**
    a. Development of the project shall be substantially in conformance with the plans prepared by Ratcliff Architects, consisting of 25 plan sheets, dated received December 17, 2024 and approved by the Planning Commission on January 13, 2025, except as modified by the conditions contained herein, subject to review and approval of the Planning Division.
    b. Prior to building permit issuance, the applicants shall comply with all Sanitary District, Menlo Park Fire Protection District, and utility companies' regulations that are directly applicable to the project.
    c. Prior to building permit issuance, the applicants shall comply with all requirements of the Building Division, Engineering Division, and Transportation Division that are directly applicable to the project.
    d. Prior to building permit issuance, if applicable, the applicant shall submit a plan for any new utility installations or upgrades for review and approval by the Planning, Engineering and Building Divisions. All utility equipment that is installed outside of a building and that cannot be placed underground shall be properly screened by landscaping. The plan shall show exact locations of all meters, back flow prevention devices, transformers, junction boxes, relay boxes, and other equipment boxes.
    e. Prior to building permit issuance, the applicant shall pay all fees incurred through staff time spent reviewing the application.
    f. Heritage trees in the vicinity of the construction project shall be retained and/or protected pursuant to the Heritage Tree Ordinance and the Arborist Report and Tree Protection Report prepared by Tree Management Experts, dated August 22, 2024.
    g. The applicant or permittee shall defend, indemnify, and hold harmless the City of Menlo Park or its agents, officers, and employees from any claim, action, or proceeding against the City of Menlo Park or its agents, officers, or employees to attack, set aside, void, or annul an approval of the Planning Commission, City Council, Community Development Director, or any other department, committee, or agency of the City concerning a development, variance, permit, or land use approval which action is brought within the time period provided for in any applicable statute; provided, however, that the applicant's or permittee's duty to so defend, indemnify, and hold harmless shall be subject to the City's promptly notifying the applicant or permittee of any said claim, action, or proceeding and the City's full cooperation in the applicant's or permittee's defense of said claims, actions, or proceedings.
    h. Notice of Fees Protest – The applicant may protest any fees, dedications, reservations, or other exactions imposed by the City as part of the approval or as a condition of approval of this development. Per California Government Code 66020, this 90-day protest period has begun as of the date of the approval of this application



City of Menlo Park

Location Map

1100 Santa Cruz Avenue (PLN2024-00045)

Scale: 1:4,000 | Drawn By: CC | Checked By: TS | Date: 1/13/2025 | Sheet: 1

CITY OF MENLO PARK

STAFF REPORT

Planning Commission
Meeting Date: **1/13/2025**
Staff Report Number: **25-002-PC**

Public Hearing: **Consider and adopt a resolution to approve a use permit, architectural control permit, and below market rate (BMR) housing agreement to construct three new multifamily residential buildings consisting of 88 residential units and associated site improvements in the R-3 (Apartment) zoning district, at 320 Sheridan Drive. The project would include 87 units provided at below market rate, eight of which would be subject to the City's preference criteria, and one on-site manager's unit. The application is being submitted subject to the State Density Bonus Law, Government Code Section 65915 and relevant amendments, which permits waivers and incentives to the City's Zoning Ordinance requirements. Determine this action is categorically exempt under CEQA Guidelines Section 15332's Class 32 exemption for infill development.**

Recommendation

Staff recommends that the Planning Commission adopt a resolution to approve a use permit, architectural control permit, and BMR housing agreement for the construction of three new multifamily residential buildings consisting of 88 new residential units and associated site improvements on a vacant lot in the R-3 (Apartment) zoning district (Attachment A).

Policy Issues

The Planning Commission should consider whether the required use permit and architectural control findings can be made for the proposed project and whether the project complies with requirements under State Density Bonus Law as well as the Below Market Rate Housing Program Guidelines (BMR guidelines) for applicable BMR units. The project was submitted under Senate Bill 330 (SB330), which "locks in" development regulations in place at the time of submittal of a preliminary application. A combined preliminary application and full development application was submitted in March 2024. The goals, policies, and programs of the General Plan, specifically the 6th Cycle Housing Element Update, listed in Table 1 can be used to evaluate the project and guide a decision.

Table 1: General Plan goals and policies consistency analysis			
Goal/ Policy	**Title**	**Summary**	**Consistency Analysis**
Goal H4	Affordable Housing	Support the development of a diversity of housing types for people at all income levels	The project is an 88-unit, 100% affordable multi-family housing project for teachers, therefore it directly supports Goal H4
Policy H4.2	Housing to Address Local Housing Needs	Strive to provide opportunities for new housing development to meet the City's share of its Regional Housing Needs Allocation (RHNA)	The project site was identified as a housing opportunity site in the City's Housing Element, making the project consistent with the City's RHNA obligations.
Policy H4.3	Variety of Housing Choices	Strive to achieve a mix of housing types, densities, affordability levels and designs distributed throughout the city	The project provides a multi-family affordable rent housing option which is much needed in Menlo Park.
Policy H4.9	Long-Term Housing Affordability Controls	Apply rent and income restrictions to ensure that affordable housing provided through incentives remains affordable over time to the income group for which it is intended	87 of the 88 units will be restricted to affordable rents, in line with this policy. One unit will be a market rate manager's unit
Policy H4.10	Preferences for Affordable and Moderate-Income Housing	Implement BMR and moderate-income housing preferences for people living or working in Menlo Park to the extent consistent with Fair Housing laws	To the extent consistent with State Law, the City is applying its BMR preferences to the project, consistent with this policy.
Policy H4.16	Neighborhood Responsibilities within Menlo Park	Seek ways specific to each neighborhood to provide additional housing as part of each neighborhood's fair share responsibility and commitment to help achieve community-wide housing goals	This project will bring 88 residential units to the Suburban Park neighborhood, in line with the City's housing goals.
Goal LU-1	Promote the orderly development of Menlo Park and its surrounding area		This project is proposed on a site already zoned R-3, and can be built at the proposed density within the current zoning pursuant to State Density Bonus Law, consistent with this Goal.
Policy LU-1.1	Land Use Patterns	Cooperate with the appropriate agencies to help assure a coordinated land use pattern in Menlo Park and the surrounding area	The City has coordinated the project application with Ravenswood School District, which owns the property, consistent with this policy.
Goal LU-2	Maintain and enhance the character, variety and stability of Menlo Park's residential neighborhoods		The architectural features and design of the project will contribute to the character and stability of Menlo Park's residential neighborhoods, consistent with the policy.
Policy LU-2.1	Neighborhood Compatibility	Ensure that new residential development possesses high-quality design that is compatible with the scale,	The proposed design of the project has been reviewed and is compatible with the scale,

		look, and feel of the surrounding neighborhood and that respects the city's residential character	look and feel of the Suburban Park neighborhood, consistent with this policy.
Policy LU-2.5	Below Market Rate Housing	Require residential developments of five or more units to comply with the provisions of the City's Below-Market Rate (BMR) Housing Program, including eligibility for increased density above the number of market rate dwellings otherwise permitted by the applicable zoning and other exceptions and incentives	This project is proposed pursuant to State Density Bonus law and is consistent, where applicable, with the City's BMR program, consistent with this policy.

In addition to the General Plan goals, policies, and programs above, the project was identified as a housing opportunity site (Site #38) in the 2023-2031 Housing Element Update. As such, the project site is an important site for implementing the Housing Element and meeting the City's obligations of providing adequate affordable housing under the Regional Housing Needs Allocation (RHNA). The site was included in the list of housing opportunity sites for its potential to provide at least 41 units of affordable housing to the City's affordable housing stock.

Background

Previous commission review

On November 6, 2024, the Housing Commission reviewed the proposed BMR agreement for consistency with the City's BMR ordinance and BMR guidelines. The Commission discussed the details of the proposed agreement and raised concerns with the applicant potentially selecting a national management company who may have income requirements that preclude employees of the Ravenswood City School District (RCSD) from qualifying for a lease at the proposed project. The Housing Commission voted unanimously to recommend approval of the proposed BMR agreement to the Planning Commission with direction for the applicant to work with City staff to help identify a management company whose policies would allow for the units to be rented to RCSD staff. A hyperlink to the meeting minutes from the November 6, 2024 Housing Commission are included as Attachment B.

Notice of Funding Availability

The applicant submitted a request for City funding for the project through a Notice of Funding Availability (NOFA). The NOFA was also reviewed at the November 6, 2024 Housing Commission meeting where the Housing Commission recommended approval of $600,000 in City funding from the Below Market Rate Housing Fund (BMR Fund), which was the amount available at the time the application was reviewed. Additional funding became available prior to the NOFA being reviewed by the City Council. On November 19, 2024, the City Council reviewed the NOFA and agreed to allocate $1 Million from the BMR Fund to the project, subject to project approval. The NOFA is not within the purview of the Planning Commission.

Site location

The project site consists of one parcel in the R-3 (Apartment) zoning district with a total area of approximately 2.5 acres. The project site is owned by the Ravenswood City School District and is the former site of the Flood School, which has been vacant since the school's demolition in 2012.

For the purposes of this staff report, the property is presented in an east-west orientation, and all compass

directions referenced will use this orientation. The project site is located at the eastern terminus of Sheridan Drive in the Suburban Park neighborhood. Sheridan Drive is a short street that provides access to the project site. The property is bordered by single-family residences in the R-1-U (Single Family Urban Residential) zoning district to the west, Flood Park to the south, Highway 101 to the North, and the LifeMoves Haven Family House to the east. Haven Family House provides interim shelter and supportive housing for families experiencing homelessness in Menlo Park. A location map is provided as Attachment C.

Analysis

Project description

The applicant is proposing to construct three new three-story multi-family residential buildings consisting of 88 dwelling units and on-site improvements on a vacant lot. The proposal includes a request for architectural control to construct the new buildings, and a use permit to construct more than three residential units in the R-3 zoning district outside of the area around downtown, and a BMR housing agreement to satisfy the City's BMR housing requirements. All units in the development except for the manager's unit are proposed to be offered at below market rates. Units would range from very-low income (maximum 50% area median income) to low income (maximum 80% area median income). Additionally, the proposed project includes the removal of one heritage-size coast redwood tree (Tree #5) and one heritage-size coast live oak tree (Tree #13), which were reviewed and conditionally approved by the City Arborist.

The project site is approximately 2.5 acres and is not located around the El Camino Real/Downtown Specific Plan area. Therefore, the proposed project is subject to the standard R-3 regulations, which sets the maximum density based on the size of the project site. For project sites with a total area of 100,000 square feet or greater, the minimum land area required per dwelling unit is 2,178 square feet, which equates to a maximum density of 20 dwelling units per acre. In this case the maximum density based on the lot size is 49 units. Projects with five or more units are required to comply with the City's BMR housing requirements and provide on-site BMR units in the amount defined by the City's BMR Guidelines. The proposed project would be required to provide eight on-site BMR units subject to the City's BMR Guidelines. All 49 of these dwelling units would be BMR units. The proposed project would utilize State Density Bonus Law (SDBL), which allows additional density in return for on-site BMR units. Since the proposed project would contain 100% affordable units, the project is eligible for an 80% density bonus (or 39 units), which equates to a maximum of 88 units. Of the proposed 39 bonus dwelling units, 38 would be affordable.

Projects subject to SDBL are eligible for unlimited waivers from development standards that would physically preclude the project at the provided density. Additionally, SDBL projects are entitled to a certain number of incentives (which actually result in identifiable and actual cost reductions for the provision of affordable housing) based on the proportion of affordable units in the project. Incentives are similar to waivers in that they may be used to relax development standards to accommodate the project, however, incentives are specifically intended to reduce costs of the project. As a 100% affordable development, the project is entitled to up to five incentives. The proposed project complies with most of the development standards of the R-3 zoning district. However, the applicant is requesting waivers from applicable development standards and incentives in order to accommodate the proposed density. The requested waivers and incentives are discussed in more detail later in the report. The project plans, applicant's project description letter, and letter justifying incentives and waivers are included as Attachment A, Exhibits A, B, and C respectively.

Site layout

The proposed project would consist of three three-story residential buildings with one-, two-, and three-bedroom units. One building (Building 1) would be located along the northern property line adjacent to US Highway 101 and the other two buildings (Buildings 2 and 3) would be located along the southern property line bordering Flood Park and would be separated by a barbeque and children's play area. A drive aisle would be located in the center of the property between Building 1 and Buildings 2 and 3. Surface parking would be located on both sides of the drive aisle and in the northeast and northwest corners of the property. The drive aisle would curve north and would terminate in the northeast corner of the property at an emergency vehicle access point where emergency vehicles could enter the site through the Haven Family House property. Trash enclosures would be located on the north side of the drive aisle near the front and rear of the property. Table 2 below summarizes the required setbacks in the R-3 district and the proposed setbacks for the project

Table 2: Required and proposed setbacks

Property line	Setback	Required (feet)	Building 1 (feet)	Building 2 (feet)	Building 3 (feet)
West (Sheridan Dr.)	Front	15% of lot width (34.5)	93.5	12	262.7
East (Haven Family House)	Rear	15% of lot width (34.5)	102.2	268.3	17.3
North (Highway 101)	Left Side	10	10	150.7	150.7
South (Flood Park)	Right Side	10	150.7	10	10

All three buildings would comply with the required side setbacks of 10 feet, however, the applicant has requested waivers from the front and rear setback requirements to accommodate Buildings 2 and 3. The proposed project would include a children's play area and barbeque area in between Buildings 2 and 3. The project would include a resident amenity room which would be attached to the western side of Building 3.

A driveway 26 feet in width would provide vehicular access to the site from Sheridan Drive. The project would include surface parking for the majority of the interior of the project site, and would include sidewalks along the perimeter of the surface parking. The perimeter of the lot would be landscaped, with additional tree plantings in the interior of the site.

Development Standards

Density, floor area ratio (FAR), and gross floor area (GFA)

The R-3 district requires 2,178 square feet per dwelling unit for project sites of 100,000 square feet or greater, which equates to a density of up to 20 dwelling units per acre (du/ac). With a lot area of 108,724 square feet, the maximum number of units allowed on the lot is 49 units pursuant to the base density. The proposed project would be developed at the maximum density of 49 units, would be 100% affordable, and is therefore entitled to an 80% density bonus under SDBL, bringing the proposed total to 88 units or approximately 35.3 du/ac. The project would include one-, two-, and three-bedroom units of various sizes. Table 3 below details the size, type, and bedroom count of each unit.

Table 3: Unit summary			
Unit type	Number of bedrooms	Number of units	Unit square footage (living space)
1	1	42	600
2A	2	12	855
2B	2	11	860
3	3	23	1,118

The maximum allowed FAR in the R-3 district is 45%, which equates to a maximum of 45,925 square feet. As stated earlier in this report, the project proposes to utilize SDBL which entitles the project to unlimited waivers from development standards needed in order to physically accommodate the project at the proposed density. SDBL allows for a waiver to increase the allowed FAR from 45% to approximately 80.1% to accommodate the additional density. The increased FAR equates to a total of 87,724 square feet, which includes areas in the attic of the buildings greater than six feet, six inches in height and enclosed storage areas on patios. Additionally, north-facing balconies are enclosed and, therefore, counted as GFA rather than private open space.

Height

The maximum height in the R-3 district is 35 feet. Each of the three proposed buildings would be constructed at a height of 39 feet, eight inches. The increase in height is being requested as a waiver under SDBL and is discussed below.

Waivers

As noted previously, the R-3 development standards allow up to one dwelling unit per 2,178 square feet of area (20 dwelling units per acre) for properties of 100,000 square feet or greater, which allows 49 residential units for this parcel. State Density Bonus Law allows a developer to build additional units when a certain percentage of affordable units are provided. As a 100% affordable project, the applicant is allowed an 80% density bonus for a total of 88 units.

In order to make development of the proposed density physically feasible, applicants are allowed waivers from development standards that would physically preclude the proposed density. There is no limit to the number of waivers an applicant is allowed to request. The applicant has requested waivers from ten applicable development standards, discussed in more detail below. The applicant has provided a letter of justification for the requested waivers, which is included as Attachment A, Exhibit C.

Increase in FAR

In the R-3 district the allowed FAR is 45%. In this case the allowed FAR equates to 45,925 square feet of GFA. The applicant is proposing a total of 87,724 square feet, which is a proposed FAR of approximately 80.1%. The applicant states that the additional FAR is required to accommodate the additional allowed units, and that not granting the waiver would result in the loss of square footage needed to accommodate the additional density. Staff has historically recommended approval of additional FAR, proportional to the average square footage per unit, when BMR units are provided, however this is not a strict rule and applicants may request additional FAR. In this case the development excluding the bonus units would have

an average unit size of approximately 937 square feet. If the proportional unit size is applied to this project, the FAR would be 82,477 square feet. However, the proposed FAR includes 6,799 square feet of GFA in attic space that is six feet, six inches in height or greater, which is counted as GFA per the Menlo Park Municipal Code Section 16.04.325(B)(1). Additionally, over half of the units would be two- and three-bedroom units which would provide housing opportunities for families.

Increase in height

The maximum allowed height for projects in the R-3 district is 35 feet. The applicant is requesting a waiver from the maximum height to develop the proposed project at a height of up to 40 feet. Currently, the plans show the proposed buildings with a height of 39 feet, eight inches measured from average natural grade. The applicant states that the requested increase in maximum height is necessary to accommodate top-floor units and support the proposed density. The additional height would also allow for the pitched roof to create screening wells for rooftop mechanical equipment, rather than including additional vertical screening if the roof had a shallower pitch to comply with the maximum height requirement. This increase in the building height to accommodate the roof pitch creates the additional attic GFA mentioned above.

Increase in pavement area for driveways and parking

In the R-3 district, a maximum of 20 percent of the lot is allowed to be paved for driveways and parking spaces, and permeable pavers may be credited 50% toward driveways and parking calculation. The applicant is requesting the pavement for driveways and parking be increased to 30.9%, which takes into account pervious pavers discounted by 50%. The applicant states that decreasing the amount of paving for parking would reduce the number of parking spaces which would require a corresponding decrease in proposed number of units based on the current design with surface parking.

Land area per dwelling unit

The R-3 district requires a minimum of 2,178 square feet of land area per dwelling unit for lots 100,000 square feet or greater. The applicant is requesting a waiver to decrease the required land area per unit to 1,237 square feet to accommodate the additional density. Land area per unit is another means of calculating density and is complementary to the standard dwelling units per acre, in which density is typically measured – i.e. with an increase in density comes a corresponding decrease in land area required for each dwelling unit.

Front and rear setbacks

The required front and rear setbacks in the R-3 district are 15% of the lot width, with a minimum of 20 feet in the front and a minimum of 15 feet in the rear. The width of the subject property is approximately 229.9 feet. This equates to required front and rear setbacks of approximately 34.5 feet. The applicant requests a waiver to reduce the front and rear setbacks to 10 feet to accommodate Buildings 2 and 3, respectively. The plans currently show the front setback of 12 feet for Building 2 and a rear setback of 17 feet, four inches for Building 3. Building 1 would comply with all applicable setbacks. The applicant states that without the reduction of setback requirements, the building footprints would need to be reduced, reducing the proposed density based on the proposed site layout and building heights. Staff recognizes that in-field modification to the project may occur during construction of the project and believes a waver to reduce the rear setback to 15 feet, rather than 10 feet would be acceptable. This would allow the applicant approximately two feet to adjust the footprint of Building 3 towards the rear of the property if necessary during construction.

Façade modulation

The R-3 district includes a limited number of design standards with the purpose of maintaining quality of architectural design. The zoning ordinance states that modifications to the design standards may be granted through approval of a use permit. One such design standard is the requirement for building facades facing

public open spaces and rights-of-way to include major and minor modulations as well as a minimum four-foot height modulation and change in fenestration pattern. The building modulation requirement would apply to the front of Buildings 1 and 2 (facing Sheridan Drive), north façade of Building 1 (facing Highway 101), and south facades of Buildings 2 and 3 (facing Flood Park). The applicant is requesting to eliminate the modulation requirements stating that the modulation requirements would require alteration of the unit layouts which could reduce the proposed number of units and proposed amenities. The proposed building facades include some modulation, but would not meet the specific width and depth requirements at the required intervals along the building façade.

Building profile

MPMC section 16.20.040(3) has building profile standards, including a requirement for a 45-degree building profile beginning at 25 feet high. The applicant requests a waiver to this requirement because this requirement would physically preclude construction of the project as designed and at the density proposed.

Parking lot tree islands

The design standards of the R-3 district require that surface parking lots be adequately screened and landscaped, including with a tree island with a 24-inch box tree at least every eight parking spaces. The project includes tree islands; however, the project does not quite meet the minimum one tree island per eight spaces, particularly in the southeastern portion of the lot. Generally, the drive aisle includes tree islands every 10 parking spaces, but the southeastern portion of the drive aisle has a length of 24 parking spaces without a tree island. The applicant is requesting a waiver to reduce the number of required tree islands stating that compliance with this standard would require more land area for parking and reducing the footprint of the proposed buildings, which would reduce the proposed density.

Reduction of required bicycle parking

In addition to automobile parking, the R-3 district includes minimum bicycle parking requirements. Both short-term and long-term bicycle parking spaces are required. Long-term spaces are intended for use over several hours or overnight, while short-term parking is considered visitor parking for use from several minutes to up to a couple of hours. The minimum bicycle parking requirements are 1.5 long-term spaces per unit, with an additional 10% short-term bicycle parking spaces. The proposed project would require 132 long-term spaces and 14 short-term spaces. The applicant has proposed a total of 88 long-term bicycle parking spaces (one per unit) located on each unit's respective balcony or patio storage area. The project would include the minimum number of required short-term parking spaces. The applicant is requesting a waiver from the long-term bicycle parking space requirement stating that including the full amount of long-term spaces, such as in a bicycle storage room, would preclude the project from being able to accommodate the proposed density.

Fence height in front yard setback

Per Section 16.64.020 of the Menlo Park Municipal Code (MPMC), fences, walls and hedges in residential districts are limited to four feet within the required front setback. The fence height may be increased in the front yard through use permit approval by the Planning Commission. Instead, the applicant is requesting a waiver to increase the height of fences in the front yard to six feet in height to accommodate the entrance gate and fencing along the perimeter of the property, including along its border with Flood Park and the adjacent single-family residences. The applicant states that the waiver is necessary to secure the property and that complying with the fence height requirement would require them to move the perimeter fence further into the property, reducing buildable area, and reducing the proposed density.

Staff has evaluated the requested waivers and has determined that the waivers are necessary to allow the proposed project to physically incorporate the project as designed and at the proposed density, in exchange

for providing and the proposed affordable/BMR units.

Incentives

In addition to the requested waivers, the project is entitled to up to five incentives which result in cost reductions and are not limited to the physical feasibility of the project. The applicant has requested five incentives, discussed in more detail below. The applicant has provided a letter of justification for the requested waivers, which is included as Attachment A, Exhibit C.

Undergrounding of frontage utilities

For new discretionary projects in multifamily and commercial districts, the Engineering Division includes a standard condition to include frontage improvements as part of the development. The frontage improvements typically require undergrounding of utilities along the project frontage. There is an existing power pole in the public right-of-way along Sheridan Drive near the entrance to the site which supports overhead electrical wires that cross Sheridan Drive and are connected to another pole within an easement on the property adjacent to the project site at 311 Sheridan Drive. The applicant proposes to not underground the utilities stating that doing so would be cost prohibitive and the incentive would result in identifiable cost reductions for the proposed project. All on-site utilities would be undergrounded as part of the project.

Window inset requirement

The design standards of the R-3 district include a requirement for all exterior windows to be inset a minimum of two inches from the face of the wall. The applicant states that this level of detailing can add to construction cost and that removing the requirement results in an identifiable cost reduction.

Transit pass compliance

The City/County Association of Governments of San Mateo County (C/CAG) regulates regional issues, such as transportation and air quality within San Mateo County. Transportation demand management (TDM) within the County is part of C/CAG's purview and therefore, projects that generate 100 or more daily trips are required to comply with C/CAG TDM requirements to reduce daily trips by 25%, which can be achieved through a combination of TDM measures. The applicant has submitted a TDM plan that would achieve the required level of reduction. C/CAG requires residential projects to participate in a transit subsidy program as a required element of an applicant's TDM plan. The applicant must provide a subsidy of a minimum 30% of the cost of a monthly transit pass or $50, whichever is less. The applicant states in their density bonus letter that providing this subsidy would be cost-prohibitive for the project and instead indicates that they would offer CalTrain Go Passes as an alternative means of compliance, which is within the City's purview to approve.

LEED certification

Per Section16.20.050 of the MPMC, any new residential project of three or more units must comply with green and sustainable building requirements, including LEED certification, at the required LEED certification level, dependent on the size of the project. Based on the size of the project, it would be required to be certified LEED silver. The applicant proposes to waive the LEED certification requirement stating that it would reduce the cost of the overall project. The applicant states that the project would comply with the requirements of LEED silver, which have been demonstrated via a preliminary LEED scorecard and documentation (Attachment D), however, the project would not be certified by the United States Green Building Council (USGBC). Granting the incentive would meet the intent of the R-3 green building standards while reducing the cost of the project.

Pre-plumbing for recycled water
MPMC section 16.20.050(3)(D) requires all new buildings to be dual plumbed for the internal use of recycled water. The applicant requests an incentive to not pre-plumb the Project for recycled water, as there is no recycled water available now or in the foreseeable future for the Project's location. The applicant states that not pre-plumbing for recycled water saves hundreds of thousands of dollars in construction costs and thus results in an identifiable and actual cost saving to provide for affordable housing. Site landscaping irrigation would be designed (i.e. purple pipe) to utilize recycled water if available in the future.

Staff has determined that the requested incentives would result in identifiable and actual cost savings to provide for affordable housing.

Design and materials
The applicant has indicated the project would be constructed in a modern farmhouse style. The three proposed buildings would be similar in design and would be long and narrow with an east-west orientation featuring relatively simple forms with gabled roofs and façade modulations to provide interest. The siding would primarily be stucco on the first floor of each building, with the upper floors consisting of a combination of board and batten and horizontal cement fiber lap siding. Since the buildings would be nearly identical, the color schemes for each building would vary with different patterns of earthen tones, including Sherwin Williams light tan ("Natural Choice"), dark grey ("Iron Ore"), lighter grey ("Thunder Gray"), light brown ("Porpoise"), light green ("Svelte Sage"), and burnt orange ("Rookwood Amber"), which would add variation to the project. Roofing material would be composition asphalt shingles, and railings for residences with patios and balconies would be painted black metal. Each building would be separated into three sections separated by two unenclosed stairwells. The stairwells would break up the massing on the southern sides of the buildings, but the stairwells would have glazing on the northern sides of the buildings to reduce noise from Highway 101.

The R-3 district includes design standards applicable to new construction with three or more units or additions of 10,000 square feet or more of GFA. The project would comply with the majority of the design standards, described in more detail below, with the exception of standards that the applicant has requested waivers from as described earlier in this report.

<u>Design standards</u>
Building setbacks and projections within setbacks
Balconies and bay windows on residential buildings are permitted to project up to five feet into the required setbacks. The project does not include any proposed balcony or bay window projections into the setback areas. All proposed balconies would be flush with the overall building façades, which comply with the required side setbacks.

Façade modulation and treatment
Portions of residential buildings fronting public rights-of-way and public open spaces must provide facade and height modulations. Both major and minor modulations are required, and would be applicable to the building facades facing south towards Flood Park, west towards Sheridan Drive, and north towards Highway 101. As noted above, the project would include modulations, however, the proposed modulations do not meet the specific depth and width requirements. Additionally, the buildings have a consistent roof line which do not meet the required roof height modulation requirements. Therefore, the applicant has requested a waiver from the modulation requirements.

Building profile
The R-3 zoning district includes a building profile design standard, which starts at 25 feet above the minimum setback adjacent to public rights-of-way and single family zoning districts, and angles in towards the center of the property at a 45-degree angle. As noted above, the building profile would be required at the front and rear where the property abuts Sheridan Drive and the properties in the R-1-U zoning district. However, the applicant has requested a waiver to remove the building profile requirement.

Exterior materials
When stucco is used in residential projects, the R-3 district requires that no more than 50% of any given façade is stucco. Additionally, the stucco must be smooth-troweled, sanded, or fine scraped. The applicant has provided diagrams detailing the amount of stucco on each building, which would only be used on the first floors of each building. The diagrams demonstrate that all three buildings would comply with the maximum stucco requirement with the south elevation of Building 2 including the most stucco at 39.9% of the façade. The color and materials sheet notes that the stucco would have a smooth finish.

The R-3 district design standards require that windows located in solid walls be inset from the face of the exterior finish by a minimum of two inches. As noted above, the applicant has requested an incentive to remove this requirement noting that this level of detailing is cost-prohibitive to the project.

Finally, the R-3 district requires that for projects that include simulated divided lite windows, the windows shall have mullions on the interior and exterior of the windows and spacer bars between panes. The project does not include simulated divided lite windows, and therefore, this standard is not applicable.

Parking, circulation, and transportation demand management
Site access
Vehicular access for private vehicles, garbage collection, and emergency vehicles would be provided off of Sheridan Drive via a driveway 26 feet in width. A drive aisle through the center of the property would serve two rows of 90-degree surface parking, and there would be four additional rows of parking stemming north from the main parking area. The applicant has negotiated with Haven Family House to allow an emergency vehicle access easement through their property into the subject property to provide a second emergency access from the east.

Pedestrian access would be provided from Sheridan Drive via gated entry points on either side of the vehicular driveway. The project would include paved walkways along the exterior of the buildings adjacent to the surface parking lot. The applicant is evaluating with San Mateo County potential gated access into Flood Park to the south. The gated access would provide pedestrians and bicyclists access into and out of the project site during the park's normal operating hours. The applicant indicates that use of this pedestrian access would be restricted to residents via key or other similar controlled access.

Parking
The project would include 116 uncovered surface parking spaces. Projects subject to State Density Bonus Law are subject to a reduced parking standard of one space per unit for studio and one-bedroom units, and 1.5 spaces for two-and three-bedroom units. Table 4 below details the required parking under State Density Bonus Law and the provided parking.

Table 4: Vehicular parking under SDBL				
Unit type (# of bedrooms)	Number of units	Required parking ratio (spaces per unit)	Required number of spaces	Provided parking spaces
1	42	1	42	
2	23	1.5	34.5	
3	23	1.5	34.5	
Total	**88**		**111**	**116**

Bicycle parking spaces are required to be provided at a ratio of 1.5 spaces per unit of long-term bicycle parking, and an additional 10% short term spaces. Table 5 below details the required and provided bicycle parking spaces.

Table 5: Bicycle parking					
Number of units	Long term bike parking ratio (spaces per unit)	Required bike parking (spaces)	Provided long-term spaces	Required short term spaces (10% of long term spaces)	Provided short-term spaces
88	1.5	132	88	14	14

The applicant states that each unit would include one bicycle parking spaces on the balcony or patio of each unit for a total of 88 long-term spaces. As noted above, the applicant has requested a waiver from the minimum long-term bicycle parking requirements. The project would include 14 short-term bicycle parking spaces, which complies with the minimum standard. The short-term spaces would be located near the southeastern corner of Building 1 and the northeastern corner of Building 2.

Access and parking design standards
The R-3 district includes design standards for parking lots and structures. The required parking for the proposed project is provided in one surface parking lot. The parking is adequately buffered from the proposed buildings with a minimum of six feet of paved walkway and landscaping between the parking lot and the buildings. Additionally, the parking lot would be buffered from the adjacent residences with approximately 27 feet of landscaping between the residences on Sheridan Drive and the surface parking, and approximately 13 feet of landscaping between Haven House and the surface parking. The design standards require a minimum of one 24-inch box tree to be planted every eight parking spaces to break up the massing of the asphalt. As stated above, the applicant is requesting a waiver from this requirement. The surface parking includes compliant tree islands for most of the parking lot. However, the southeastern portion of the property does not meet the requirement because there are more than eight spaces between tree islands.

<u>Transportation demand management</u>
As mentioned above, since the project would result in more than 100 daily trips and is categorized as a small multifamily development (less than 50 units before density bonus), the applicant is required to implement a TDM plan to reduce the number of trips by 25%. The applicant has submitted a TDM plan

(Attachment A Exhibit G) that details the applicant's strategy to comply with the TDM requirements. The applicant would implement measures such as enrolling in Commute.org, having a designated TDM coordinator, and providing a bicycle repair station on site. When implemented, the TDM plan would achieve a trip reduction of 28%, which complies with the C/CAG requirements for the size and type of project. The Project would be subject to annual monitoring to demonstrate that the project has implemented the appropriate TDM measures and that the measures are working to adequately reduce daily trips. The TDM plan notes that the applicant would conduct a commuter survey annually as well as conduct driveway hose counts to determine the efficacy of the TDM plan. The results of the surveys would be submitted in a report to Commute.org starting the first calendar year after the project has been 50% occupied.

Transportation impact analysis
While no longer a CEQA threshold of significance, the City's transportation impact analysis (TIA) Guidelines require that the TIA analyze LOS for local planning purposes. The TIA is included as Attachment A Exhibit H. The study intersections were selected based on the TIA Guidelines. The LOS analysis determines whether the project traffic would cause an intersection LOS to be potentially noncompliant with local policy if it degrades the LOS operational level or increases delay under near term and cumulative conditions. The LOS and delay thresholds vary depending on the street classifications as well as whether the intersection is on a State route or not. The following thresholds are from the City's TIA Guidelines:

- A project is considered potentially noncompliant with local policies if the addition of project traffic causes an intersection on a collector street operating at LOS "A" through "C" to operate at an unacceptable level (LOS "D," "E" or "F") or have an increase of 23 seconds or greater in average vehicle delay, whichever threshold is exceeded first. Potential noncompliance shall also include a project that causes an intersection on arterial streets or local approaches to State controlled signalized intersections operating at LOS "A" through "D" to operate at an unacceptable level (LOS "E" or "F") or have an increase of 23 seconds or greater in average vehicle delay, whichever comes first.

- A project is also considered potentially noncompliant if the addition of project traffic causes an increase of more than 0.8 seconds of average delay to vehicles on all critical movements for intersections operating at a near-term LOS "D" through "F" for collector streets and at a near-term LOS "E" or "F" for arterial streets. For local approaches to State controlled signalized intersections, a project is considered to be potentially noncompliant if the addition of project traffic causes an increase of more than 0.8 seconds of delay to vehicles on the most critical movements for intersections operating at a near-term LOS "E" or "F."

Where deficiencies are identified, the TIA Guidelines require consideration of improvement measures. Any such improvement measures could be imposed on the project as conditions of approval to ensure the general health, safety and welfare of the community, provided the measures do not decrease the residential density or induce vehicle miles traveled (VMT), which would be in conflict with the requirements of CEQA. The proposed project was evaluated for intersection level changes caused both in the Near Term (2027) and near-term plus project conditions as part of the project TIA. The TIA concluded that the project would have limited effects to the studied intersections, which would continue to operate at an acceptable level (LOS C or better), and therefore no roadway improvement measures would be necessary. Table 6 below summarizes the LOS of the studied intersections.

Table 6: Intersection level of service			
Intersection	Existing LOS (AM/PM)	Near-term (AM/PM)	Near-term plus project (AM/PM)
Sheridan Drive and Hedge Road	A/A	A/A	A/A
Hedge Road/Dunsmuir Way and Greenwood Drive	A/A	A/A	A/B
Bay Road and Greenwood Drive	B/B	C/B	C/C
Bay Road and Marsh Road	B/C	C/C	C/C

Open space, trees and landscaping

Open space

Residential developments are required to include a minimum of 25% of the lot area as open space. Additionally, the zoning ordinance requires a minimum amount of private and/or common open space per unit. Open space may be provided in private open spaces, such as patios and balconies, or in common open spaces, such as common barbecue areas. The minimum requirement is 80 square feet of private open space per unit or 100 square feet of common open space per unit. If the project includes a mix of private and common open space, it may provide common open space at a ratio of 1.25 square feet of common open space per square foot of private open space that is not provided.

The proposed project includes a mix of private and common open spaces. All of the units have either a private patio (first-floor units) or a private balcony (upper-floor units). However, all of the balconies facing north towards Highway 101 are enclosed to comply with residential noise standards, and therefore, do not count as open space. Table 7 below details the required and provided open space for the project.

Table 7: Open space					
Required private open space (80 sf per unit)	Provided private open space (sf)	Required common open space (1.25 sf per square foot private open space not provided)	Provided common open space (sf)	Provided general landscaping/open space (sf)	Total provided (sf)
7,040	**4,870**	2,712.5	**6,148**	**16,900**	**27,181 (25.7%)**

The project meets the minimum open space requirements, including approximately 4,870 square feet of private open space, 6,148 square feet of common open space, and 16,900 square feet of general landscaping, for a total of 25.7% of the project site.

Trees and landscaping

The applicant has submitted an arborist report (Attachment A Exhibit E) detailing the species, size, and conditions of the significant trees on or near the site. The report determines the present condition, discusses the impacts of the proposed improvements, and provides recommendations for tree preservation. All

recommendations identified in the arborist report were reviewed by the City Arborist and would be ensured through condition 1.rr. The applicant is proposing to remove one heritage-size coast redwood tree (Tree #5) and one heritage-size coast live oak tree (Tree #13) to accommodate the proposed buildings and associated site improvements. The applicant would also remove three non-heritage trees of various species. The City Arborist has conditionally approved the Heritage Tree Removal (HTR) permit pursuant to Criteria 5 of the decision-making criteria for tree removals (MPMC Section 13.24.050) because the trees interfere with the proposed development. The HTR permits were noticed and no appeals filed. Table 8 below summarizes the trees identified in the arborist report for removal.

Table 8: Proposed tree removals

Tree number	Species	Size (DBH, in inches)	Disposition	Notes
5	Coast redwood	40	Remove	Heritage
6	Hollywood juniper	10	Remove	Non-Heritage
13	Coast live oak	31	Remove	Heritage
15	Plum	7.5	Remove	Non-Heritage
16	Oleander	10	Remove	Non-Heritage

As a condition of the HTR permit approval, the applicant is required to replace the value of the trees. The applicant proposes to plant 31 replacement trees, including peppermint, sweet bay, Chinese pistache, African fern pine, and silver leg oak trees with box sizes ranging from 24 inches to 48 inches. The value of the proposed replacement trees would fully satisfy the cost of the trees to be removed.

The tree plantings would be evenly spread throughout the entire project site. Eight trees (sweet bay, Chinese pistache, African fern pine, and silver leg oak) would be planted in the northwestern corner of the site and would provide screening for the adjacent property at 311 Sheridan Drive. One existing heritage coast live oak (Tree #14H) and a replacement tree (silver leg oak or African fern pine) would flank the entry driveway, then five Chinese pistache trees would be planted along the central drive aisle in tree islands. Smaller sweet bay trees would be planted on the northern side of Building 1 to provide some screening from Highway 101. Two existing heritage-size coast live oak trees near the northeastern corner would be preserved in parking islands. The majority of the eastern and southern property lines are lined with trees on the Haven Family House and Flood Park properties. These trees would be retained and would provide ample screening from the adjacent properties. The remainder of the property would be landscaped with water resistant shrubs and ground cover.

A children's play area and barbeque area would be located in the southern part of the center of the property between Buildings 2 and 3. This area would include furnishings, such as picnic tables and benches, as well as a pergola to provide some shade in the summer months. The play area would include play structures with rubberized surfacing.

The project would include new fencing around the perimeter of the property. The fencing would be tubular steel fencing powder coated black. Typically fencing in the front setback of residential properties is required to be a maximum of four feet in height. As noted above, the applicant has requested a waiver to allow fencing in the front setback to be six feet in height to allow for the vehicular gate and maintain security for

the residents.

Green and sustainable buildings

In the R-3 zoning district, projects are required to meet green and sustainable building regulations. Accordingly, the proposed building would:

- Meet 100 percent of its energy demand through any combination of on-site energy generation, purchase of 100 percent renewable electricity; and/or purchase of certified renewable energy credits;
- Comply with the electric vehicle (EV) charger requirements amended by the City Council in November 2022;
- Meet water use efficiency requirements; and
- Plan for waste management during the demolition, construction, and occupancy phases of the project (including the preparation of the required documentation of zero waste plans).

As noted above, the applicant is requesting a state density bonus law incentive to waive the requirement to certify the project as LEED silver. The project would meet the minimum standards to be eligible for LEED silver certification, but the applicant would not go through the certification process in an effort to reduce project costs. Additionally, the applicant is requesting a waiver to remove the requirement to dual-plumb the buildings for future use of recycled water. However, the applicant would install purple pipes for the landscape irrigation system, which allow them to use recycled water for landscape irrigation if it becomes available in the future. The project would comply with the bird friendly design requirements. All external non-emergency lighting on the apartment building, landscaping, common recreational spaces, and pathways would be required to automatically shut off between the hours of 10 p.m. and sunrise.

Below market rate housing agreement

The applicant is required to comply with Chapter 16.96 of City's Municipal Code ("BMR Ordinance"), and with the BMR Housing Program Guidelines adopted by the City Council to implement the BMR Ordinance ("BMR Guidelines") as the project would include five or more residential units.

According to the City's BMR Guidelines, for residential developments with 20 or more units, a minimum of 15% of the units are to be provided at below market rates. The BMR Ordinance requires the applicant to submit a BMR housing proposal for review by the Housing Commission.

The applicant is proposing to provide 87 of the 88 units at below market rates. The last unit would be reserved for the on-site manager and may be rented at market rate, however, the project is still considered to be a 100% affordable housing project under state law. The applicant intends to apply for tax credits through the Tax Credit Allocation Committee (TCAC), and if awarded, all of the units would be limited to households earning a maximum of 80% of area median income (AMI) (low income). However, the applicant states that the targeted average income would be approximately 50% AMI (very low income). If the project is not awarded tax credits, the project would be allowed to provide up to 20% of the units to households earning up to 120% AMI (moderate income).

The provisions of the BMR Guidelines apply to the base density, exclusive of any density bonus units, when calculating for the required BMR units. The base density for this property is 49 units. Therefore, the project is required to provide 7.35 BMR units, however the applicant has agreed to eight BMR units. Since the whole project would be offered to lower-income households, the provisions of the City's BMR Guidelines, including the City's preference criteria would only apply to eight of the units. The remaining units could be rented to households that may not meet the City's preference criteria, but who meet income eligibility

requirements under state law. The applicant has stated that the units are intended for employees of the Ravenswood City School District, who would receive first priority of the units not covered by the City's BMR requirements. However, it is important to note that some households may meet the City's preference criteria as well as the applicant's preference criteria. For example, an income-qualified teacher who currently works at Belle Haven School could meet both the applicant's criteria as well as the City's preference criteria for purposes of satisfying the City's BMR requirements.

The draft BMR housing agreement was reviewed by the Housing Commission at their meeting on November 6, 2024. The Housing Commission unanimously recommended approval of the draft BMR agreement to provide eight BMR units subject to the City's BMR preferences and 79 units restricted to lower income households but not subject to the City's preference criteria. At the meeting, the Housing Commission urged the applicant to work with City staff to identify a property management company whose policies would not preclude applicants who may otherwise be eligible under the City's criteria. The applicant noted that selection of a property management company would not occur until closer to the project's completion, at which time they would be able to coordinate with City staff on this item. While not subject to the Planning Commission's purview, the City Council committed $1 Million to the project to be paid from the City's BMR Housing fund. Through the future funding agreement, it is possible the City could receive second preference on the affordable units not subject to the City's BMR Guidelines and the BMR agreement may be modified accordingly. The draft BMR housing agreement is included as Attachment A, Exhibit D. A hyperlink to the November 6, 2024 Housing Commission meeting minutes is provided as Attachment B.

Correspondence

Throughout the review of the project, staff has received several letters of support for the project. The letters of support generally state the project would help alleviate housing pressures for employees of the Ravenswood City School District and other lower-income residents in Menlo Park, as well as the proposed project's importance in achieving the City's RHNA. Letters of support also note the potential environmental benefits of providing Ravenswood City School District employees the opportunity to live closer to their work rather than having to commute long distances if they are unable to afford housing in the District's jurisdiction. Staff has also received letters raising concerns from the surrounding Flood Triangle and Suburban Park neighborhoods regarding the ability to provide a second public access into the project site either through the Haven Family House property or via an extension of Van Buren Road over existing CalTrans right-of-way. Generally, residents in the Suburban Park neighborhood to the west of the project site expressed concerns over emergency vehicle access into the site as well as increased traffic through their neighborhood, and advocated for a second public entrance. Conversely, residents in the Flood Triangle neighborhood to the east of the project site advocated for there not to be a second entrance, citing concerns that it would add traffic to the neighborhood. Each neighborhood submitted letters signed by numerous residents stating their respective stances. Additionally, staff has received several items of correspondence from individual residents reiterating each position. All correspondence is included as Attachment E and begins with the two letters from the resident groups.

Generally, the main concern is access in and out of the property during an emergency. The project includes only one public access from Sheridan Drive, so residents would enter and exit the site through the Suburban Park Neighborhood. Additional public access from the east would require permission from either LifeMoves for access through the Haven Family House property or CalTrans in the form of an ingress and egress easement. The applicant had engaged LifeMoves, who declined to provide public access in order to maintain security for their residents. However, as stated above, LifeMoves agreed to grant an emergency vehicle access easement to the applicant so that emergency vehicles have a second access point in the event of an emergency. The Menlo Park Fire Protection District reviewed the project and determined that one public access with a secondary EVA-only access complies with applicable codes.

Conclusion

Staff's analysis indicates the project would be consistent with the R-3 development standards and State Density Bonus Law. The proposed siting of the building would accommodate the proposed density while minimizing the impact to neighboring properties by maintaining a relatively low building height with multiple buildings to spread out the mass of the project. The modern farmhouse architectural style would be generally attractive and fit in with the surrounding residential properties. Granting of waivers from the development regulations would allow the proposed project to be developed at the proposed density allowed under State Density Bonus Law, while providing enough floor area ratio and height to accommodate the additional density of the 100% affordable housing project. Planting of replacement heritage trees would add greenery to the site and would ensure the replacement requirements of the heritage tree ordinance are satisfied. The BMR housing agreement would ensure eight of the units are subject to the City's preference criteria while restricting the remaining units to lower-income households. The project would further the goals and policies of the General Plan and Housing Element by providing 87 deed-restricted affordable units for lower-income households and would be an important project to help the City reach its RHNA obligations. The project would create an attractive option for Ravenswood City School District employees which would allow many of them to reduce commute times and for the District to retain high-quality teachers and staff. Staff recommends that the Planning Commission adopt a resolution approving the use permit, architectural control permit, and BMR housing agreement.

Impact on City Resources

The project sponsor is required to pay Planning, Building and Public Works permit fees, based on the City's Master Fee Schedule, to fully cover the cost of staff time spent on the review of the project. Additionally, the City Council has committed $1 Million to the project to be paid from the City's BMR Housing fund.

Environmental Review

The project is eligible for streamlined CEQA review under Assembly Bill 1633 (AB 1633). AB 1633 requires the City to make a determination on whether the project is exempt from CEQA within 90 days of receiving timely notice and substantial evidence from the applicant that the project is exempt from CEQA review. The City is allowed an extension of up to 90 additional days to make a determination on the exemption status. The Applicant provided timely notice and substantial evidence, and the City provided the applicant of written notice of a needed extension. Therefore, the City is required to make a determination on the CEQA exemption by January 27, 2025.

The project is categorically exempt under Class 32 (Section 15332), "Infill Development" of the current California Environmental Quality Act (CEQA) Guidelines because it satisfies the following conditions:

A. *The project is consistent with the applicable general plan designation and all applicable general plan policies as well as with applicable zoning designation and regulations.*
B. *The proposed development occurs within city limits on a project site of no more than five acres substantially surrounded by urban uses.*
C. *The project site has no value as habitat for endangered, rare or threatened species.*
D. *Approval of the project would not result in any significant effects relating to traffic, noise, air quality, or water quality.*
E. *The site can be adequately served by all required utilities and public services.*

The City analyzed the property's eligibility for the Class 32 infill exemption. An in-depth analysis on how the project complies with the exemption is included as Attachment A Exhibit F. Technical reports, including the Transportation Impact Analysis (TIA) are included as Attachment A, Exhibits G through N.

The project would be required to comply with applicable mitigation measures from the ConnectMenlo program-level Environmental Impact Report (EIR) Mitigation Monitoring and Reporting Program (MMRP) (Attachment A, Exhibit O) and with the applicable mitigation measures of the 2023-2031 Housing Element Update Subsequent EIR MMRP (Attachment A, Exhibit P). Implementation of applicable mitigation measures is included as Condition 2.a.

Public Notice

Public notification was achieved by posting the agenda, with the agenda items being listed, at least 72 hours prior to the meeting. Public notification also consisted of publishing a notice in the local newspaper and notification by mail of owners and occupants within a 300-foot radius of the subject property.

Appeal Period

The Planning Commission action on the use permit, architectural control permit, and BMR agreement will be effective after 15 days unless the action is appealed to the City Council, in which case the outcome of the application shall be determined by the City Council.

Attachments

A. Draft Planning Commission Resolution approving the use permit, architectural control permit, and below market rate housing agreement
   Exhibits to Attachment A
   A. Project Plans
   B. Project Description letter
   C. Density Bonus Letter
   D. Draft Below Market Rate Housing Agreement
   E. Arborist Report
   F. California Environmental Quality Act Exemption Memo
   G. Transportation Demand Management Plan
   H. Transportation Impact Analysis
   I. Air Quality and Health Risk Assessment
   J. Environmental Noise Analysis
   K. Project Noise Analysis
   L. Biological Resources Analysis
   M. Cultural and Archeological Resources Assessment
   N. Phase 1 Environmental Site Assessment
   O. Hyperlink ConnectMenlo Mitigation Monitoring and Reporting Program: https://menlopark.gov/files/sharedassets/public/v/1/community-development/documents/6356-connect-menlo-ceqa.pdf
   P. Hyperlink 2023-2031 Cycle Housing Element Update Subsequent EIR Mitigation Monitoring and Reporting Program: https://menlopark.gov/files/sharedassets/public/v/1/community-development/documents/projects/housing-element-update/202301-he-mitigationmonitoring-and-reporting-program.pdf
   Q. Conditions of Approval

B. Hyperlink November 6, 2024 Housing Commission Meeting Minutes - https://menlopark.gov/files/sharedassets/public/v/1/agendas-and-minutes/housing-commission/2024-meetings/minutes/20241106-housing-commission-meeting-minutes-approved.pdf
C. Location Map
D. LEED Compliance Documentation
E. Correspondence

Exhibits to Be Provided at Meeting

None.

Report prepared by:
Chris Turner, Senior Planner

Report reviewed by:
Kyle Perata, Assistant Community Development Director

PLANNING COMMISSION RESOLUTION NO. 2025-XXX

RESOLUTION OF THE PLANNING COMMISSION OF THE CITY OF MENLO PARK APPROVING A USE PERMIT, ARCHITECTURAL CONTROL PERMIT, AND BELOW MARKET RATE HOUSING AGREEMENT TO CONSTRUCT THREE NEW MULTI-FAMILY RESIDENTIAL BUILDINGS CONSISTING OF 88 UNITS, 87 OF WHICH WOULD BE AFFORDABLE UNITS, IN THE R-3 (APARTMENT) ZONING DISTRICT.

WHEREAS, the City of Menlo Park ("City") received an application requesting a use permit, architectural control permit, below market rate (BMR) housing agreement, and heritage tree removal permits to construct three new three-story multi-family residential buildings consisting of 88 units on a vacant lot in the R-3 (Apartment) zoning district (collectively, the "Project") from Alliant Communities LLC ("Applicant"), on behalf of the Ravenswood City School District ("Owner") located at 320 Sheridan Drive (APN 055-303-110) ("Property"). The Project is depicted in and subject to the development plans and project description letter, which are attached hereto as Exhibit A and Exhibit B, respectively, and incorporated herein by this reference; and

WHEREAS, the Project comprises three or more residential units in the R-3 (Apartment) district not located around downtown; therefore, a use permit is required; and

WHEREAS, the maximum allowed density in the R-3 zone is 20 dwelling units per acre and the maximum number of units allowed by the zoning ordinance on the Project site is 49 units; and

WHEREAS, the Project is subject to the Below Market Rate Housing Ordinance ("BMR Ordinance") and is required to comply with the Below Market Rate Housing Guidelines ("BMR Guidelines") to ensure proper implementation of the BMR Ordinance; and

WHEREAS, the Applicant submitted a letter attached hereto as Exhibit C which details the applicability of State Density Bonus Law, outlines requested waivers from development standards and cost-reducing incentives, and states that the Project would be a 100% affordable Project under State Density Bonus Law; and

WHEREAS, the Housing Commission reviewed the draft Below Market Rate Housing Agreement ("BMR Agreement"), attached hereto as Exhibit D, at its November 6, 2024 regular meeting and found the draft BMR Agreement to be in conformance with the BMR Guidelines and recommended approval of the draft BMR Agreement to the Planning Commission; and

WHEREAS, the Project is eligible for additional housing units subject to Government Code Section 65915 and relevant amendments ("State Density Bonus Law") by providing on-site Below Market Rate housing units ("BMR Units"), which allows additional density to be included in the Project; and

WHEREAS, under State Density Bonus Law, the Project is entitled to an 80% increase in allowed density for a 100% affordable project; and

WHEREAS, the Applicant proposes to increase the Project density by 80% for a total of 88 units; and

WHEREAS, the Project would consist of 49 affordable units and 39 bonus units, 38 of which would be affordable; and

WHEREAS, the Applicant intends to apply for tax credits though the California Tax Credit Allocation Committee ("TCAC"), which would limit the Applicant to offering the housing units to households earning a maximum of 80% area median income ("AMI"); and

WHEREAS, if TCAC tax credits are not awarded, the Applicant would be able to lease up to 20% of the units to households earning a maximum of 120% AMI and the Project would still qualify as a 100% affordable Project under State Density Bonus Law; and

WHEREAS, State Density Bonus Law allows for applicants to request waivers from applicable development standards in order to achieve the permitted density under the law; and

WHEREAS, the Applicant has requested waivers from the R-3 zone development standards to increase the maximum floor area ratio (FAR), height, maximum fence height in the front setback, and paving area for driveways and parking. The Applicant is requesting waivers to reduce the required front and rear setbacks, reduce land area required per dwelling unit, reduce parking lot tree island requirements, reduce required bicycle parking spaces and remove the building profile requirement and façade modulation requirements; and

WHEREAS, State Density Bonus Law allows for applicants to request incentives that provide actual and identifiable cost reductions to the provision of affordable housing; and

WHEREAS, the Applicant is entitled to five incentives under State Density Bonus Law as a 100% affordable project; and

WHEREAS, the Applicant is claiming five incentives: 1) to not underground utilities along the project frontage, 2) remove the window inset design standard, 3) remove the requirement to certify the project as LEED silver, 4) not dual-plumb the Project buildings for internal use of recycled water and 5) use an alternate method to comply with transit pass requirements; and

WHEREAS, the Project is subject to the parking standards outlined in State Density Bonus Law which require a minimum of 111 parking spaces based on the number and size of units in the proposed Project; and

WHEREAS, the Project would comply with the minimum parking requirement under State Density Bonus Law by providing 116 surface parking spaces; and

WHEREAS, the Applicant has demonstrated in writing, attached hereto as Exhibit C, that application of the listed development standards would preclude development of the proposed Project at the allowed density, and that the requested incentives would result in actual and identifiable cost reductions for the provision of affordable housing; and

WHEREAS, the City has reviewed the justification and has deemed the waivers and incentives appropriate for the proposed Project in order to accommodate the proposed density; and

WHEREAS, the proposed Project would comply with all other applicable standards of the R-3 zoning district; and

WHEREAS, the Applicant submitted an arborist report, attached hereto as Exhibit E, prepared by Bo Firestone Trees and Gardens, which was reviewed by the City Arborist and found to be in compliance with the Heritage Tree Ordinance, and proposes mitigation measures to adequately protect heritage trees to remain in the vicinity of the project; and

WHEREAS, the Applicant was conditionally granted a Heritage Tree Removal permit ("HTR permit") to remove two heritage trees from the property; and

WHEREAS, the HTR permit was not appealed and the Applicant is required to replace the value of the heritage trees as a condition of approval; and

WHEREAS, the Applicant has included a landscape plan which includes replacement trees that would exceed the replacement value of the trees proposed for removal, which has been deemed compliant by the City Arborist; and

WHEREAS, the Property was included in the 2023-2031 Housing Element Update ("HEU") as a housing opportunity site capable of providing up to 41 units of affordable housing; and

WHEREAS, development of the proposed Project would help implement the HEU and would further the City's progress towards meeting its obligations under the Regional Housing Needs Allocation ("RHNA"); and

WHEREAS, the Project requires discretionary actions by the City as summarized above, and therefore the California Environmental Quality Act ("CEQA," Public Resources Code Section §21000 et seq.) and CEQA Guidelines (Cal. Code of Regulations, Title 14, §15000 et seq.) require analysis and a determination regarding the Project's environmental impacts; and

WHEREAS, the City is the lead agency, as defined by CEQA and the CEQA Guidelines, and is therefore responsible for the preparation, consideration, certification, and approval of environmental documents for the proposed Project; and

WHEREAS, the Applicant submitted sufficient technical documentation to justify exemption from CEQA pursuant to Cal. Code of Regulations, Title 14, §15332 et seq. (Infill Development Projects); and

WHEREAS, the City conducted independent review of the technical documentation and determined that the project qualifies as an Infill Development Project and no exceptions are applicable that would preclude a categorical exemption under CEQA. The City's findings and the Applicant's provided technical documentation is attached hereto as Exhibits F through Exhibit M; and

WHEREAS, the Project is categorically exempt from environmental review pursuant to Cal. Code of Regulations, Title 14, §15332 et seq. (Infill Development Projects); and

WHEREAS, on December 6, 2016, the City certified a program-level environmental impact report (EIR) for updates to the City's General Plan (collectively ConnectMenlo, SCH# 2015062054), which included a Mitigation Monitoring and Reporting Program (MMRP) to mitigate environmental impacts anticipated by the updated General Plan; and

WHEREAS, on January 31, 2023 the City certified a Subsequent EIR for the 2023-2031 Housing Element update (SCH# 2015062054), which includes additional MMRP measures applicable to housing projects; and

WHEREAS, the proposed Project would be required to comply with applicable mitigation measures included in the ConnectMenlo MMRP and the 2023-2031 Housing Element Subsequent EIR MMRP, attached hereto as Exhibits N and O, respectively; and

WHEREAS, all required public notices and public hearings were duly given and held according to law; and

WHEREAS, at a duly and properly noticed public hearing held on January 13, 2025, the Planning Commission fully reviewed, considered, and evaluated the whole of the record including all public and written comments, pertinent information, documents and plans, prior to taking action regarding the Project.

NOW, THEREFORE, THE MENLO PARK PLANNING COMMISSION HEREBY RESOLVES AS FOLLOWS:

Section 1. Recitals. The Planning Commission has considered the full record before it, which may include but is not limited to such things as the staff report, public testimony, and other materials and evidence submitted or provided, and the Planning Commission finds the foregoing recitals are true and correct, and they are hereby incorporated by reference into this Resolution.

Section 2. Conditional Use Permit Findings. The Planning Commission of the City of Menlo Park does hereby make the following Findings:

The approval of the use permit for the construction of three new three-story residential buildings consisting of 88 units, 87 of which would be affordable units, on a vacant lot in the R-3 zoning district is granted based on the following findings, which are made pursuant to Menlo Park Municipal Code Section 16.82.030:

1. That the establishment, maintenance, or operation of the use applied for will, under the circumstance of the particular case, not be detrimental to the health, safety, morals, comfort and general welfare of the persons residing in the neighborhood of such proposed use, or injurious or detrimental to property and improvements in the neighborhood or the general welfare of the city because:
    a. Consideration and due regard were given to the nature and condition of all adjacent uses and structures, and to general plans for the area in question and surrounding areas, and impact of the application hereon; in that, the proposed use permit is consistent with the R-3 zoning district and the General Plan because multi-family residential developments of three or more units are allowed to be constructed on R-3 lots subject to granting of a use permit and provided that the proposed Project conforms to applicable zoning standards, including, but not limited to, minimum setbacks, minimum landscaping, and maximum building coverage. The proposed Project advances the General Plan, specifically the 2023-2031 Housing Element update, by creating additional housing opportunities for lower income residents. The Property is included in the Housing Element as a housing opportunity site, and development of the proposed Project would help the City meet its RHNA.

    b. The project is subject to State Density Bonus Law, which allows applicants to request waivers from applicable development standards in order to achieve the allowed density with allowable density bonus. The Applicant has requested waivers to increase the maximum floor area ratio (FAR), height, maximum fence height in the front setback, and paving area for driveways and parking, to reduce the required front and rear setbacks, land area required per dwelling unit, parking lot tree island requirements, and required bicycle parking spaces, and to remove the building profile requirement and façade modulation requirements. The City has determined that strict enforcement of these development standards would preclude the project from achieving the proposed density by requiring removal of proposed units in order to comply with the development standards. Therefore, the Planning Commission approves the requested waivers

    c. State Density Bonus Law allows for incentives intended to reduce the cost of providing affordable housing. The Applicant has claimed incentives to not underground utilities along the project frontage, remove the window inset design standard, not dual-plumb the project buildings for internal use recycled water, remove the requirement to certify the project as LEED silver, and use an alternate method to comply with transit pass requirements. The City has determined that granting of these incentives would result in identifiable cost savings for the Project. Therefore, the Planning Commission approves the requested incentives.

    d. The proposed residence would provide 116 uncovered parking spaces. Per State Density Bonus Law, the Project would be required to provide a minimum of 111 parking spaces. Therefore, the project would provide adequate parking accessed by a 26-foot-wide driveway off of Sheridan Drive.

e. The proposed Project is designed to meet all the applicable codes and ordinances of the City of Menlo Park Municipal Code, with the exception of certain standards waived under State Density Bonus Law. The proposed Project was reviewed by the Building Division, Transportation Division, and Menlo Park Fire Protection District and was found to meet all applicable standards with regard to site access for private vehicles and emergency vehicles, and the Commission concludes that the Project would not be detrimental to the health, safety, and welfare of the surrounding community as the housing development project would be located in a multi-family zoning district.

Section 3. Architectural Control Permit Findings. The approval of the Project is granted based on the following findings which are made pursuant to Menlo Park Municipal Code Section 16.68.020**:**

1. That the general appearance of the structure is in keeping with the character of the neighborhood; in that, the Project is designed in a modern farmhouse architectural style consistent with modern residential development designs, and in the general character of other residential developments in and around the project site.

2. That the development will not be detrimental to the harmonious and orderly growth of the City; in that, the Project is consistent with the R-3 zoning district and State Density Bonus Law. The project would create a new, 100%-affordable, 88-unit development (87 affordable units and one manager's unit that could be market-rate) near the Ravenswood City School District schools and administrative office, for which the housing units are primarily intended.

3. That the development will not impair the desirability of investment or occupation in the neighborhood; in that, the Project would create new housing opportunities, including 88 new housing units offered at below market rate, with the possible exception of the manager's unit. The proposed materials and colors used will be compatible with other developments in the surrounding area. The Project would include landscaping and tree plantings to help screen the project from surrounding developments. The Project would comply with the replacement requirements of the Heritage Tree Removal permit that was conditionally approved by the City Arborist.

4. That the development provides adequate parking as required in all applicable City Ordinances and has made adequate provisions for access to such parking; in that the Project is subject to State Density Bonus Law, which includes a parking ratio for projects with affordable housing. The Project would include 116 parking spaces where 111 parking spaces would be the minimum required under State Density Bonus Law.

5. That the development is consistent with any applicable specific plan; in that, the project is not located within a specific plan area.

Section 4. Below Market Rate Housing Agreement. The BMR Housing Agreement satisfies the requirements of Chapter 16.96 of the City's Municipal Code and the applicable BMR Housing

Guidelines. The Project would include 87 units available to households earning up to 80% area median income, with up to 20% of the units available to households earning up to 120% area median income if allowed by state law, and one market-rate on-site manager's unit. The BMR Housing Agreement between the Applicant and the City would be applicable to 15 percent of the 49 maximum units of the zoning district (before SDBL allowances) for a total of eight units. These eight units would be offered to residents meeting the preference criteria of the City's BMR Guidelines, while the remaining 79 units would be rented to income eligible households of the Applicant's choosing and as allowed under State Density Bonus Law.

Section 5. Architectural Control Permit, Use Permit, and BMR Housing Agreement. The Planning Commission approves Architectural Control Permit, Use Permit, and BMR Housing agreement No. PLN2023-00012, which are depicted in and subject to the development plans and project description letter, and related documents which are attached hereto and incorporated herein by this reference as Exhibits A through Exhibit N. The Planning Commission hereby directs the City Manager to execute the BMR Housing Agreement on behalf of the City. The Use Permit, Architectural Control Permit, and BMR Housing Agreement are conditioned in conformance with the conditions attached hereto and incorporated herein by this reference as Exhibit Q.

Section 4. ENVIRONMENTAL REVIEW. The Planning Commission makes the following findings, based on its independent judgment after considering the Project, and having reviewed and taken into consideration all written and oral information submitted in this matter, including the CEQA Exemption Memo prepared by EMC Planning Group:

1. The Project is categorically except from environmental review pursuant to Cal. Code of Regulations, Title 14, §15332 et seq. (Infill Development Projects) because it satisfies the following conditions:
    a. *The project is consistent with the applicable general plan designation and all applicable general plan policies as well as with applicable zoning designation and regulations.* The project would be consistent with the Medium Density Residential General Plan land use designation and the applicable R-3 zoning standards and applicable waivers per State Density Bonus Law because the project would comply with the allowed density, FAR, landscaping requirements, height, and parking requirements in the R-3 district, with the exception of requested waivers and incentives.
    b. *The proposed development occurs within city limits on a project site of no more than five acres substantially surrounded by urban uses.* The project site is located within city limits and is approximately 2.5 acres in area. The project site is surrounded by other developed properties in the R-1-U and OSC zoning districts, as well as Highway 101, which are developed with residential, transportation, and open space uses.
    c. *The project site has no value as habitat for endangered, rare or threatened species.* The project site was previously developed and is surrounded by developed properties, including an actively programmed park, which does not allow for free movement of wildlife from one pocket of prime habitat to another, and therefore has no value as habitat for endangered, rare, or threatened species.
    d. *Approval of the project would not result in any significant effects relating to traffic, noise, air quality, or water quality.* The project would be below the threshold for Vehicle Miles Traveled ("VMT") of 15% below the regional average VMT. The project would comply with the City's noise ordinance during

construction and operational noise would not exceed 3 dBA above existing ambient noise levels. The Project would comply with best management practices and City and regional standards during construction and operation to minimize impacts to air quality and water quality.

e. *The site can be adequately served by all required utilities and public services.* The project would be adequately served by all required utilities and public services.

2. The project is conditioned to comply with the ConnectMenlo EIR MMRP and the 2023-2031 Housing Element Subsequent EIR MMRP attached hereto as Exhibits O and P, respectively.

Section 5. SEVERABILITY

If any term, provision, or portion of these findings or the application of these findings to a particular situation is held by a court to be invalid, void or unenforceable, the remaining provisions of these findings, or their application to other actions related to the Project, shall continue in full force and effect unless amended or modified by the City.

I, Kyle Perata, Assistant Community Development Director of the City of Menlo Park, do hereby certify that the above and foregoing Planning Commission Resolution was duly and regularly passed and adopted at a meeting by said Planning Commission on January 13, 2025, by the following votes:

AYES:

NOES:

ABSENT:

ABSTAIN:

IN WITNESS THEREOF, I have hereunto set my hand and affixed the Official Seal of said City on this _____ day of January, 2025

PC Liaison Signature

_____
Kyle Perata
Assistant Community Development Director
City of Menlo Park

Exhibits

A. Project Plans
B. Project Description Letter
C. Density Bonus Letter
D. Draft Below Market Rate Housing Agreement
E. Arborist Report
F. California Environmental Quality Act Exemption Memo
G. Transportation Demand Management Plan
H. Transportation Impact Analysis
I. Air Quality and Health Risk Assessment
J. Environmental Noise Analysis
K. Project Noise Analysis
L. Biological Resources Assessment
M. Cultural and Archeological Resources Assessment
N. Phase 1 Environmental Site Assessment
O. ConnectMenlo Mitigation Monitoring and Reporting Program
P. 2023-2031 Housing Element Update Subsequent EIR Mitigation Monitoring and Reporting Program
Q. Conditions of Approval

SHERIDAN DRIVE APARTMENTS

PLANNING SUBMITTAL

MENLO PARK, CA

OCTOBER 17, 2024

CLIENT

ALLIANT STRATEGIC DEVELOPMENT
26050 MUREAU RD., SUITE 101
CALABASAS, CA 91302

STEVEN SPIELBERG
(818) 483-4499
STEVEN.S@ALLIANTSTRATEGICDEV.COM

ARCHITECTURE

SDG ARCHITECTS, INC
3361 WALNUT BLVD., SUITE 120
BRENTWOOD, CA 94513

LANCE CRANNELL, AIA
(925) 634-7000
LCRANNELL@SDGARCHITECTSINC.COM

CIVIL

KPFF
45 FREMONT ST, 28TH FLOOR
SAN FRANCISCO, CA 94105

RYAN BEATON, PE
(415) 989-1004

LANDSCAPE

R3 STUDIOS
248 3RD. STREET, SUITE 202
OAKLAND, CA 94607

LANETTE THOMAS
(510) 452-4190

CODE SUMMARY

CHAPTER - 5 : BUILDING 2 - HEIGHT & AREA (TYPE VA) :
(BUILDING 2 SELECTED AS TYPICAL OF 3 BUILDINGS ON SITE)

R-2 PER C.B.C. TABLE 504.3 (WITHOUT AREA INCREASE)	70 FEET
R-2 PER C.B.C. TABLE 504.4 (WITHOUT AREA INCREASE)	4 STORIES
ALLOWABLE BUILDING AREA - CBC TABLE 506.2	
R-2 PER STORY (SM WITHOUT HEIGHT INCREASE)	36,000 SQ. FT.
PROPOSED BUILDING HEIGHT	39'-8"
PROPOSED STORIES IN BUILDING	3 STORIES
PROPOSED FLOOR AREA	
1ST FLOOR	8,324 SQ. FT.
2ND FLOOR	8,324 SQ. FT.
3RD FLOOR	8,324 SQ. FT.
TOTAL AREA	24,972 SQ. FT.
PRIVATE PORCHES AND DECKS ON ALL FLOOR LEVELS	3,696 SQ. FT.

PROJECT DATA SUMMARY

ADDRESS: 321 SHERIDAN DRIVE
MENLO PARK , CA 94025

APN: 055-303-110
ZONING: R-3

PROPOSED DEVELOPMENT

SITE AREA : 108,724 S.F.

TYPE OF CONSTRUCTION :	TYPE VA
OCCUPANCY CLASSIFICATION:	R-2
PROPOSED USE:	RESIDENTIAL
PARKING SUMMARY :	SEE SITE PLAN
BUILDING HEIGHT :	SEE ELEVATIONS
SPRINKLERS :	YES
TRASH ENCLOSURE	
OCCUPANCY CLASSIFICATION:	U
ALL ELECTRIC	

SHEET INDEX

TS	TITLE SHEET
ARCHITECTURAL	
A0.00	SHEET INDEX
A0.01	VICINITY MAP
A0.02	PROJECT DATA
A0.03	SITE PLAN & SITE SECTION
A0.04	STREET SCENE
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A0.06	2 BEDROOM UNIT - TYPE 2A FLOOR PLAN
A0.07	2 BEDROOM UNIT - TYPE 2B FLOOR PLAN
A0.08	3 BEDROOM UNIT - FLOOR PLAN
A0.09	APARTMENT COMMUNITY AREA - FLOOR PLAN
A1.01	BUILDING 1 - FIRST FLOOR PLAN
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A1.03	BUILDING 1 - THIRD FLOOR PLAN
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A1.07	BUILDING 1 - SECTIONS
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A2.03	BUILDING 2 - THIRD FLOOR PLAN
A2.04	BUILDING 2 - EXTERIOR ELEVATIONS
A2.05	BUILDING 2 - EXTERIOR ELEVATIONS
A2.06	BUILDING 2 - ROOF PLAN
A2.07	BUILDING 2 - SECTIONS
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A3.03	BUILDING 3 - THIRD FLOOR PLAN
A3.04	BUILDING 3 - EXTERIOR ELEVATIONS
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A3.06	BUILDING 3 - ROOF PLAN
A3.07	BUILDING 3 - SECTIONS
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A4.02	BUILDING 2 -FLOOR AREA & BUILDING COVERAGE CALCS
A4.03	BUILDING 3 -FLOOR AREA & BUILDING COVERAGE CALCS
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A4.05	WASTE MANAGEMENT
A4.06	COLOR & MATERIALS
A4.07	NOT USED
A4.08	BUILDING 1 - STUCCO ANALYSIS
A4.09	BUILDING 1 - ALLOWABLE OPENINGS (NORTH ELEVATION)
A4.10	BUILDING 2 - STUCCO ANALYSIS
A4.11	BUILDING 2 - ALLOWABLE OPENINGS (SOUTH & WEST ELEVATIONS)
A4.12	BUILDING 3 - STUCCO ANALYSIS
A4.13	BUILDING 3 - ALLOWABLE OPENINGS (SOUTH & EAST ELEVATIONS)
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A5.01	LEED CHECKLIST
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A5.03	LEED FLOOR PLAN
A5.04	LEED ROOF PLAN

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C-3	PRELIMINARY UTILITY PLAN
C-4	PRELIMINARY STORMWATER CONTROL PLAN
C-5	PRELIMINARY VEHICULAR CIRCULATION PLAN
C-6	PRELIMINARY DETAILS
C-7	PRELIMINARY FRONTAGE IMPROVEMENT PLAN
C-8	OPEN SPACE CALCULATIONS
C-9	SITE TREE PLAN
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L-1.2	PRELIMINARY LANDSCAPE PLAN
L-2.1	WALL AND FENCE PLAN
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L-5	PROPOSED PLANT PALETTE
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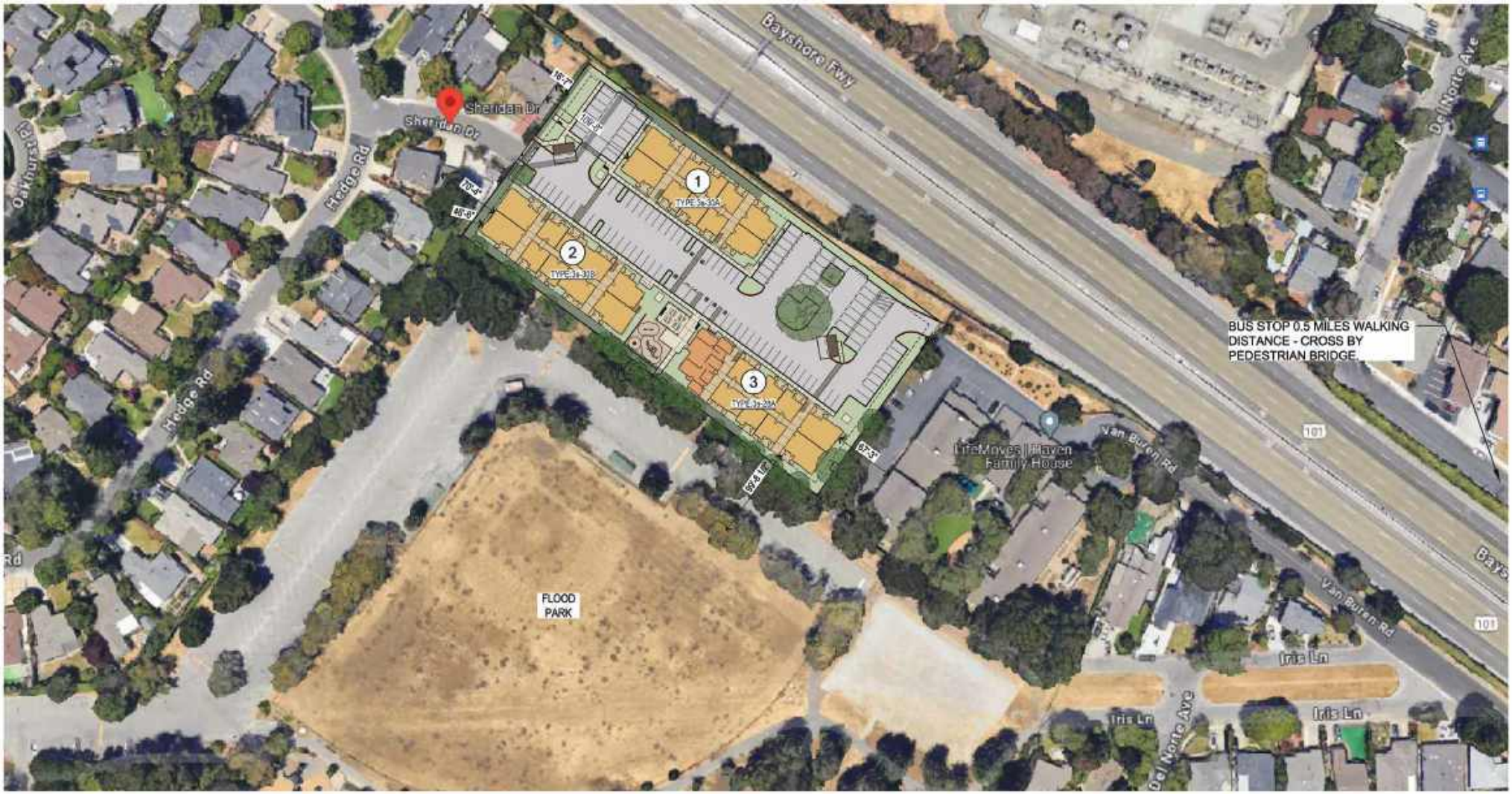
L-7.1	IRRIGATION DETAILS
L-7.2	IRRIGATION DETAILS
L-7.3	IRRIGATION DETAILS
L-7.4	IRRIGATION WATER CALCULATIONS
JOINT TRENCH	
JTC1	JOINT TRENCH CONCEPTUAL COMPOSITE
1	PHOTOMETRIC

Alliant Strategic Development
26050 Mureau Road, Suite 101,
Calabasas, CA 91302

SDG Architects, Inc.
3361 Walnut Blvd. Suite 120
Brentwood, CA 94513
925.634.7030 | sdgarchitectsinc.com



399.265 **Sheridan Drive Apartments**
Menlo Park, CA
September 9, 2024

Alliant Strategic Development
28080 Mureau Road, Suite 101,
Calabasas, CA 91302

VICINITY MAP
A0.01

SDG Architects, Inc.
3361 Walnut Blvd. Suite 120
Brentwood, CA 94513
925.634.7000 | sdgarchitectsinc.com

BUILDING TYPE SUMMARY

BUILDING TYPE	UNIT TYPE	UNIT	UNITS PER FLOOR	BUILDING UNIT TOTALS	BUILDING TOTALS	SITE UNIT TOTALS	UNIT %
3s-30A 30 UNITS	1 BED	U1	6	18	1	18	60%
	2 BED	U2A	0	0		0	0%
		U2B	2	6		6	20%
	3 BED	U3	2	6		6	20%
	TOTALS		10	30		30	100%
3s-30B 30 UNITS	1 BED	U1	4	12	1	12	40%
	2 BED	U2A	2	6		6	20%
		U2B	1	3		3	10%
	3 BED	U3	3	9		9	30%
	TOTALS		10	30		30	100%
3s-28A 28 UNITS 1st FLOOR	1 BED	U1	4	4	1	4	50%
	2 BED	U2A	2	2		2	25%
		U2B	0	0		0	0%
	3 BED	U3	2	2		2	25%
	APARTMENT COMMUNITY ROOM	CC	1	1		1	
	TOTALS		9	9		9	100%
3s-28A 28 UNITS 2nd & 3rd FLOOR	1 BED	U1	4	8	1	8	40%
	2 BED	U2A	2	4		4	20%
		U2B	1	2		2	10%
	3 BED	U3	3	6		6	30%
	TOTALS		10	20		20	100%

PROJECT SUMMARY

1BED	U1	600 S.F.	42	47.73%
2 BED	U2A	855 S.F.	12	26.14%
	U2B	860 S.F.	11	
3 BED	U3	1,118 S.F.	23	26.14%
APARTMENT COMMUNITY ROOM	CC	2,217 S.F.	1	
		TOTALS UNITS	88	100%

RENTABLE UNIT TOTAL

1BED	U1	600 S.F.	42	48.28%
2 BED	U2A	855 S.F.	12	26.44%
	U2B	860 S.F.	11	
3 BED	U3	1,118 S.F.	22	25.29%
		TOTALS RENTAL UNITS	87	100%

MANAGERS UNIT

3 BED	U3	1,118	1	1%
		TOTALS MANAGER UNITS	1	1%

FLOOR AREA PROPOSED

(Private Balcony area & Garages Excluded)

	3s-30A 30 Units	3s-30B 30 Units	3s-28A 28 Units				Total
Level 1	7,356	8,324	8563				24,443
Level 2	7,356	8,324	8324				
Level 3	7,356	8,324	8324				
Storage / Areas	2,640	2,735	2699				
Building Floor Area	25,308	27,707	27,910				
Attic Area @ >6'-6"	1,954	2,423	2,423				
Total Floor Area (sf)	**27,262**	**30,129**	**30,333**				
Total Gross Floor Area Proposed							**87,724 S.F.**
Floor Area Ratio Proposed							**0.81**

PORCHES & DECKS

	1st FLOOR	2nd FLOOR	3rd FLOOR	
U1	123 S.F.	123 S.F.	123 S.F.	
U2A	144 S.F.	144 S.F.	144 S.F.	
U2B	108 S.F.	108 S.F.	108 S.F.	
U3	154 S.F.	154 S.F.	154 S.F.	
				TOTAL
3s-30A	1,262 S.F.	1,262 S.F.	1,262 S.F.	3,786 S.F.
3s-30B	1,350 S.F.	1,350 S.F.	1,350 S.F.	4,050 S.F.
3s-28A	996 S.F.	1,350 S.F.	1,350 S.F.	3,696 S.F.
TOTAL	3,608 S.F.	3,962 S.F.	3,962 S.F.	**11,532 S.F.**

SITE DATA

SETBACKS AND HEIGHTS

Zoning Setbacks	Required	Proposed Min.	Design on site if greater than min.
FRONT	20'-0"	10'-0"	
INTERIOR SIDE	10'-0"	10'-0"	12'-0" Bldg 2 West, 17'-4 Bldg 3 East
REAR	15'-0"	10'-0"	
CORNER SIDE	15'-0"	10'-0"	
Building Height Limit	35'-0"	40'-0"	

LOT COVERAGE

BUILDING FOOTPRINT PROPOSED

	3s-30A 30 Units	3s-30B 30 Units	3s-28A 28 Units	COMM. WOOD PERGOLA	TRASH ENCLOSURES		Total
Footprint (sf)	10,821	11,742	11,743	616	340		
Count	1	1	1	1	2		6
Total	**10,821**	**11,742**	**11743**	**616**	**480**		**35,402 S.F.**
Lot Area							**108,724 S.F.**
Lot Coverage Proposed							**33%**

GROSS FLOOR AREA (AT ATTIC) *

BUILDING 1	1,954 SF
BUILDING 2	2,422 SF
BUILDING 3	2,423 SF
TOTAL GFA AT @ ATTICS	6,799 SF

TOTAL GROSS FLOOR AREA (BUILDING 1, 2 AND 3) -	80,925 SF
ATTIC GROSS FLOOR AREA (BUILDING 1, 2, AND 3)	6,799 SF
TOTAL	87,724 SF

* ATTIC SPACE WITH A HEIGHT 6'-6" OR GREATER

399.265 Sheridan Drive Apartments
Menlo Park, CA
September 9, 2024

PROJECT DATA
A0.02

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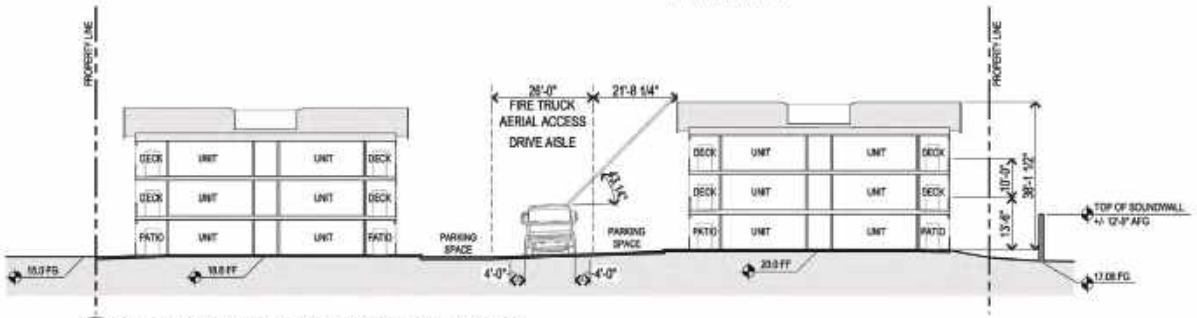
(A) SITE PLAN



(B) SITE SECTION AND FIRE TRUCK AERIAL ACCESS

PROJECT DATA

Jurisdiction	Menlo Park, CA		
Proposed Zoning	R3 - APARTMENT ZONING DISTRICT		
Gross Land Area	108,724 S.F.	2.50 ACRES	
Total Units Proposed			88
Density Proposed per Gross Acre (DU/AC.)			35.26

PARKING SUMMARY				
Parking				108
Accessible Stalls - CBC 11B-208.2.3.2		2%	3	5
Accessible Stalls - Van				1
Accessible EV Chargers - 5% (EVSC)				1
Accessible EV Chargers - Van (EVSC)				1
Total Proposed Parking Spaces				116
Total Required SDBL Per	1 SPACES PER 1 BED UNIT	1	42	42
	1.5 SPACES PER 2 & 3 BED UNIT	1.5	46	69
				111

EV PARKING SUMMARY		
		Total
EV Capable - 10% (EVC)	13	13
EV Ready - 25% (EVR)	29	29
EV Chargers - 5% (EVSC)	7	7
Accessible EV Chargers - 5% (EVSC)	1	1
Accessible EV Chargers - Van (EVSC)	1	1
Total		51

NOTE:
1. LANDSCAPE AS SHOWN IS CONCEPTUAL FOR REFERENCE ONLY. SEE LANDSCAPE PLAN BY OTHERS FOR MORE INFORMATION.
2. ALL FREESTANDING LIGHTING WILL NOT EXCEED 20 FEET IN HEIGHT.

BICYCLE PARKING:

SHORT TERM: 14 BICYCLE PARKING
LONG TERM: 88 BICYCLE PARKING IN UNIT STORAGE ON BALCONY

AREAS:

HARDSCAPE AREA: 80,024 S.F.
LANDSCAPE AREA: 28,700 S.F.

399.265 Sheridan Drive Apartments
Menlo Park, CA
September 9, 2024

SITE PLAN & SITE SECTION
A0.03

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VIEW FROM SHERDIAN DRIVE ENTRY
LOOKING EAST

VIEW FROM INTERIOR DRIVE AISLE
LOOKING SOUTH TOWARDS FLOOD PARK

0 4' 8' 12' 16' 32'

399.265 Sheridan Drive Apartments
Menlo Park, CA
September 9, 2024

STREET SCENE
A0.04

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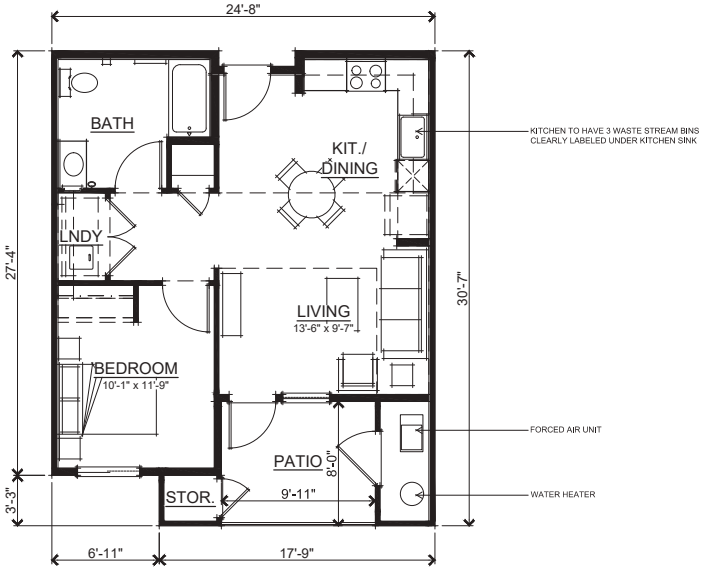

UNIT 1 SQUARE FOOTAGES	
TOTAL LIVING	600 SQ. FT.
PATIO	123 SQ. FT.

0 1' 2' 3' 4' 8'

399.265 Sheridan Drive Apartments
Menlo Park, CA
September 9, 2024

1 BEDROOM UNIT - FLOOR PLAN
A0.05

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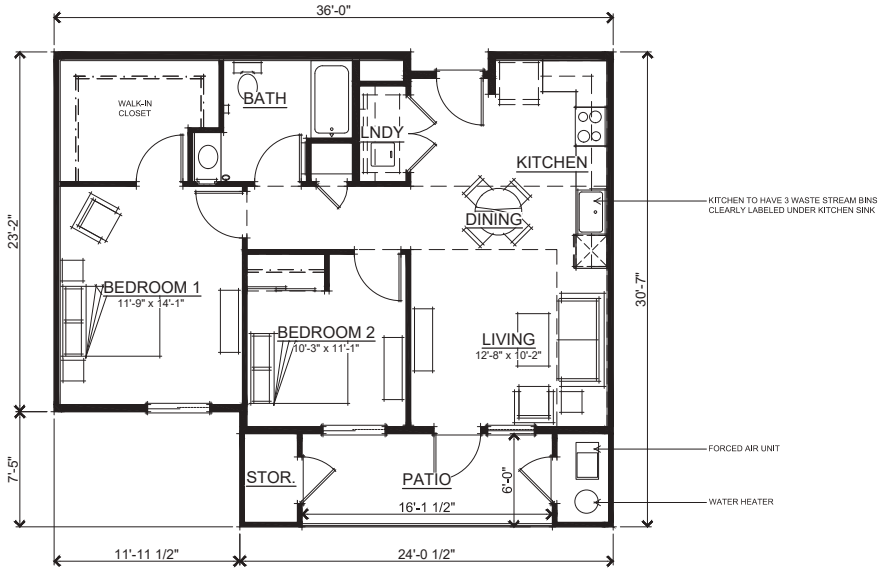

UNIT 2A SQUARE FOOTAGES	
TOTAL LIVING	855 SQ. FT.
PATIO	144 SQ. FT.

0 1' 2' 3' 4' 8'

399.265 Sheridan Drive Apartments
Menlo Park, CA
September 9, 2024

2 BEDROOM UNIT - TYPE 2A FLOOR PLAN
A0.06

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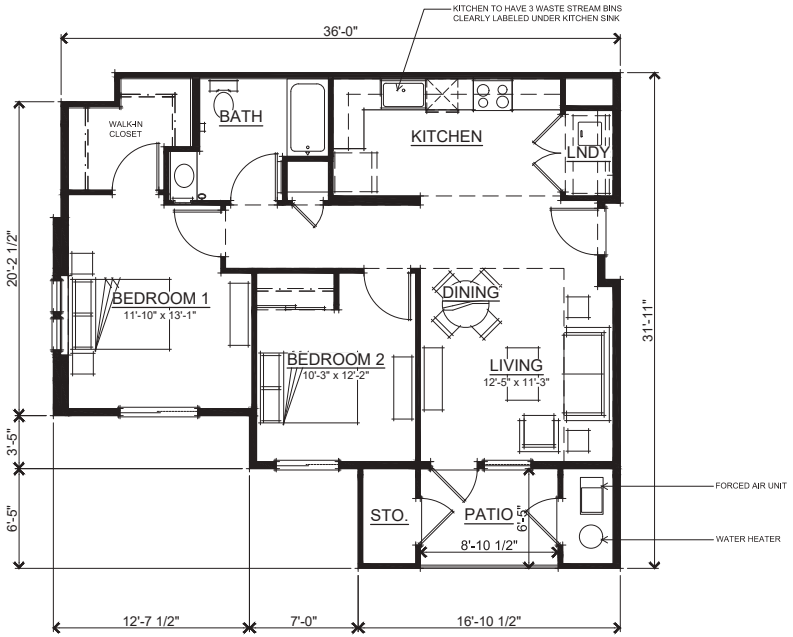

UNIT 2B SQUARE FOOTAGES	
TOTAL LIVING	860 SQ. FT.
PATIO	108 SQ. FT.

0 1' 2' 3' 4' 8'

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September 9, 2024

2 BEDROOM UNIT - TYPE 2B FLOOR PLAN
A0.07

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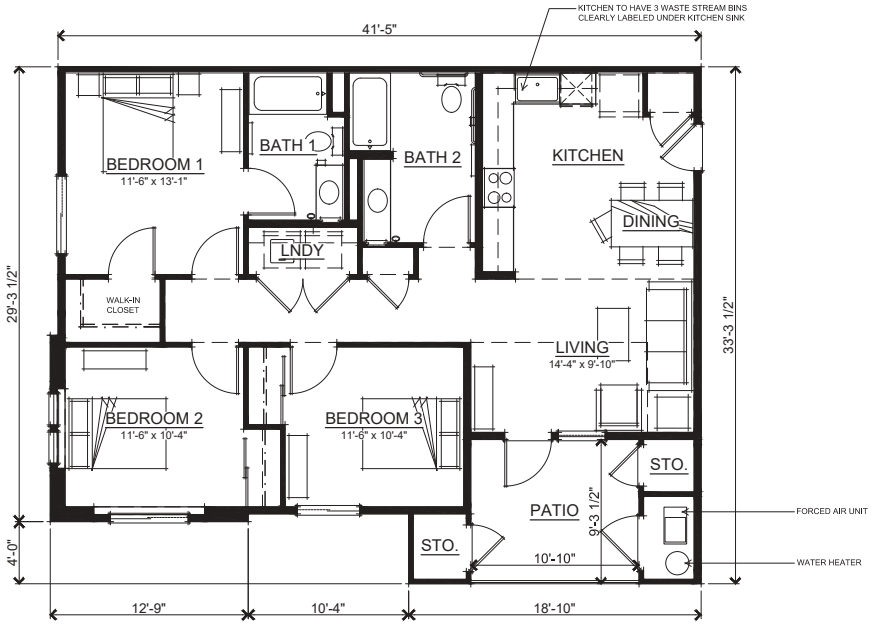

UNIT 3 SQUARE FOOTAGES	
TOTAL LIVING	1118 SQ. FT.
PATIO	154 SQ. FT.

0 1' 2' 3' 4' 8'

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Menlo Park, CA
September 9, 2024

3 BEDROOM UNIT - FLOOR PLAN
A0.08

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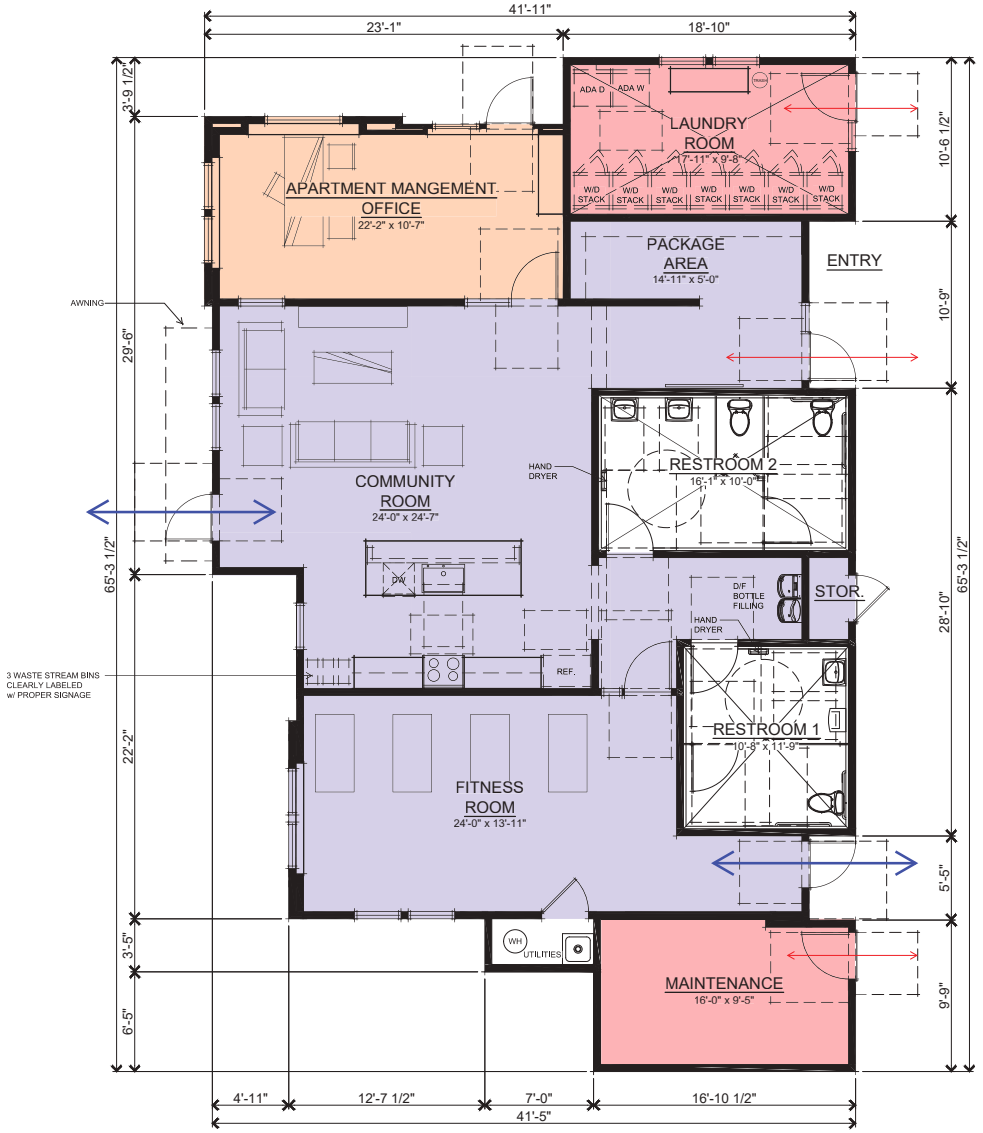
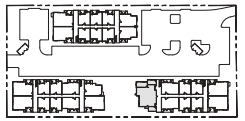


LEED Floor Plan legend

- Shared / Multi-Occupant spaces
- Individual / Single-occupant spaces
- Trash / Recycling area
- Janitor / Laundry Room
- Primary Entry / Exit
- Secondary Entry / Exit
- Emergency Exit only

COMMUNITY CENTER	
COMMUNITY ROOM	432 SQ. FT.
KITCHEN	145 SQ. FT.
PACKAGE AREA	164 SQ. FT.
FITNESS ROOM	408 SQ. FT.
HALLWAY	95 SQ. FT.
OFFICE	274 SQ. FT.
RESTROOM 1	139 SQ. FT.
RESTROOM 2	176 SQ. FT.
LAUNDRY ROOM	194 SQ. FT.
UTILITIES	26 SQ. FT.
MAINTENANCE	168 SQ. FT.
STORAGE	18 SQ. FT.
TOTAL AREA	2239 SQ. FT.



NORTH

0 1' 2' 3' 4' 8'

399.265 Sheridan Drive Apartments
Menlo Park, CA
September 9, 2024

APARTMENT COMMNUNITY AREA - FLOOR PLAN
A0.09

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LEED Floor Plan legend

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- Individual / Single-occupant spaces
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- Janitor / Laundry Room
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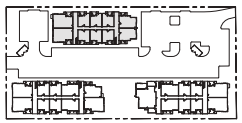
- Secondary Entry / Exit
- Emergency Exit only



NORTH

0 2' 4' 6' 8' 16'

399.265 Sheridan Drive Apartments
Menlo Park, CA
September 9, 2024

BUILDING 1 - FIRST FLOOR PLAN
A1.01

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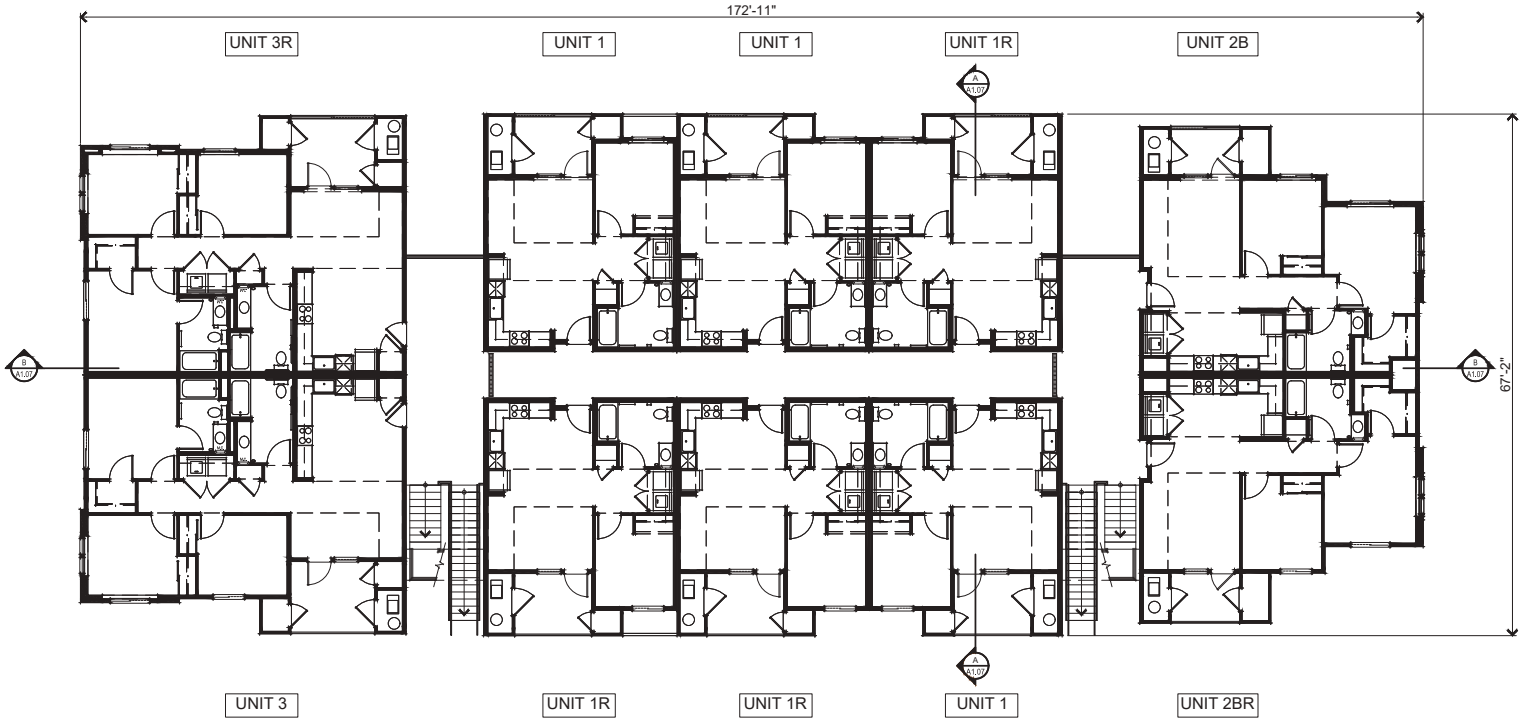

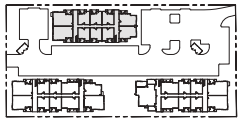

399.265 Sheridan Drive Apartments
Menlo Park, CA
September 9, 2024

BUILDING 1 - SECOND FLOOR PLAN
A1.02

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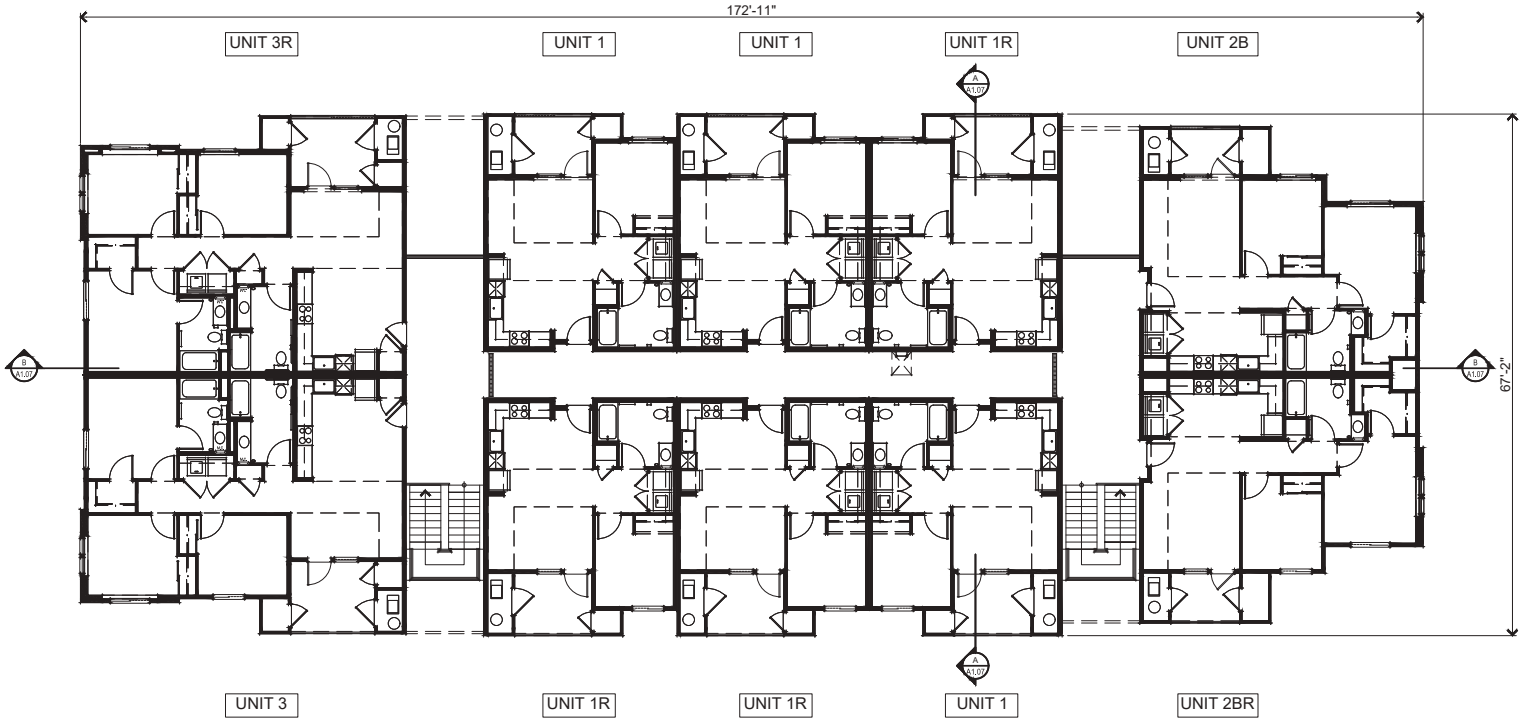

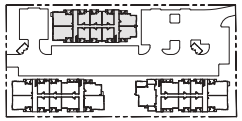

NORTH

0 2' 4' 6' 8' 16'

399.265 Sheridan Drive Apartments
Menlo Park, CA
September 9, 2024

BUILDING 1 - THIRD FLOOR PLAN
A1.03

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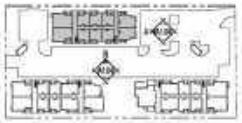
Ⓐ EAST ELEVATION

FOR COLOR & MATERIALS
SEE SHEET A4.06



Ⓑ SOUTH ELEVATION (FRONT)

FOR COLOR & MATERIALS
SEE SHEET A4.06

399.265 Sheridan Drive Apartments
Menlo Park, CA
September 9, 2024

BUILDING 1 - EXTERIOR ELEVATIONS
A1.04

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UNIT 3R UNIT 3

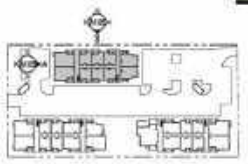
Ⓐ WEST ELEVATION

FOR COLOR & MATERIALS SEE SHEET A4.06

UNIT 2B UNIT 1R UNIT 1 UNIT 1 UNIT 3R

Ⓑ NORTH ELEVATION

FOR COLOR & MATERIALS SEE SHEET A4.06



399.265 Sheridan Drive Apartments
Menlo Park, CA
September 9, 2024

BUILDING 1 - EXTERIOR ELEVATIONS
A1.05

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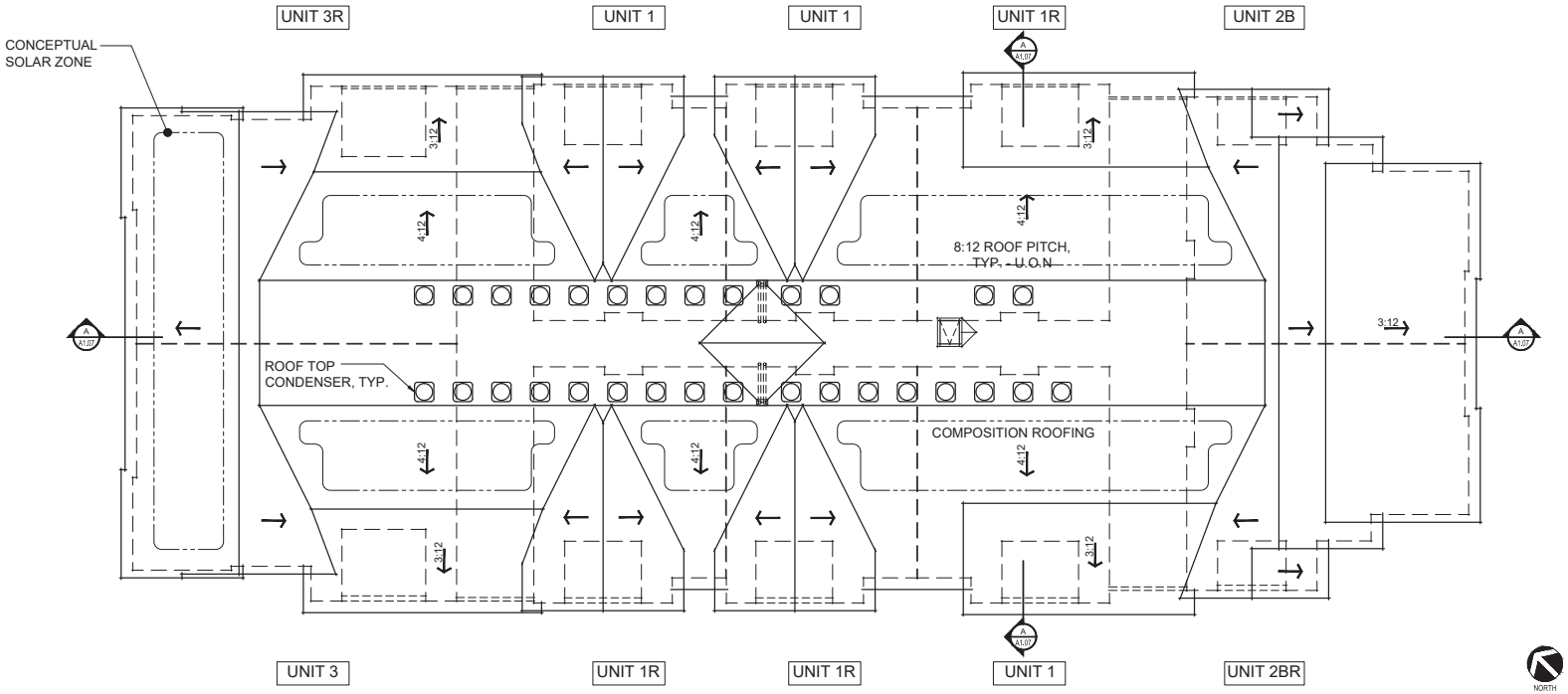
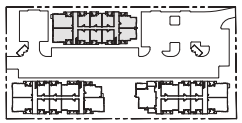
NOTE:	ROOF AREA CALCULATIONS:	
ROOFTOP EQUIPMENT WILL COMPLY WITH THE NOISE LIMITATION OF 50 dBA AT 50 FEET.	ROOFING MEMBRANE:	10,778 S.F.
	WALKING PAD:	483 S.F.
	MECHANICAL EQUIPMENT:	188 S.F.
	TOTAL:	11,449 S.F.





NORTH 0 2' 4' 6' 8' 16'

399.265 Sheridan Drive Apartments
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September 9, 2024

BUILDING 1 - ROOF PLAN
A1.06

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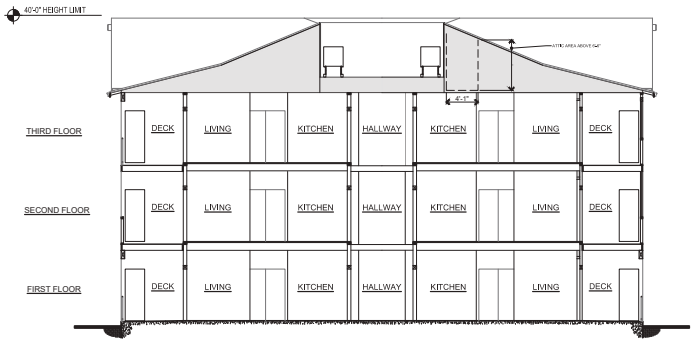
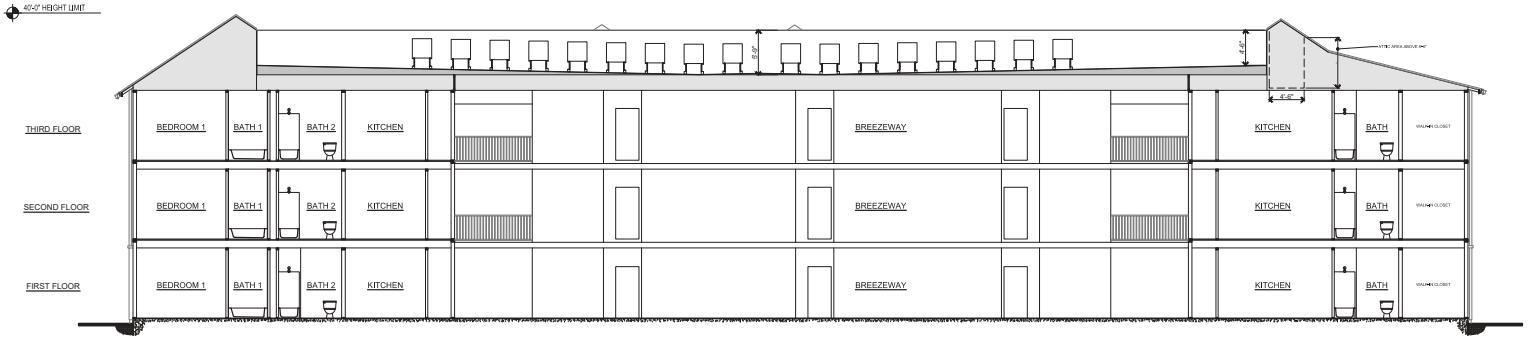


Ⓐ SECTION



Ⓑ SECTION

0 2' 4' 6' 8' 16'

399.265 Sheridan Drive Apartments
Menlo Park, CA
September 9, 2024

BUILDING 1 - SECTIONS
A1.07

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LEED Floor Plan legend

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- Individual / Single-occupant spaces
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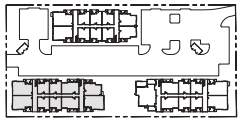
- Janitor / Laundry Room
- Primary Entry / Exit
- Secondary Entry / Exit
- Emergency Exit only



NORTH

0 2' 4' 6' 8' 16'

399.265 Sheridan Drive Apartments
Menlo Park, CA
September 9, 2024

BUILDING 2 - FIRST FLOOR PLAN
A2.01

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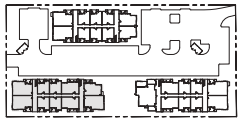

NORTH

0 2' 4' 6' 8' 16'

399.265 Sheridan Drive Apartments
Menlo Park, CA
September 9, 2024

BUILDING 2 - SECOND FLOOR PLAN
A2.02

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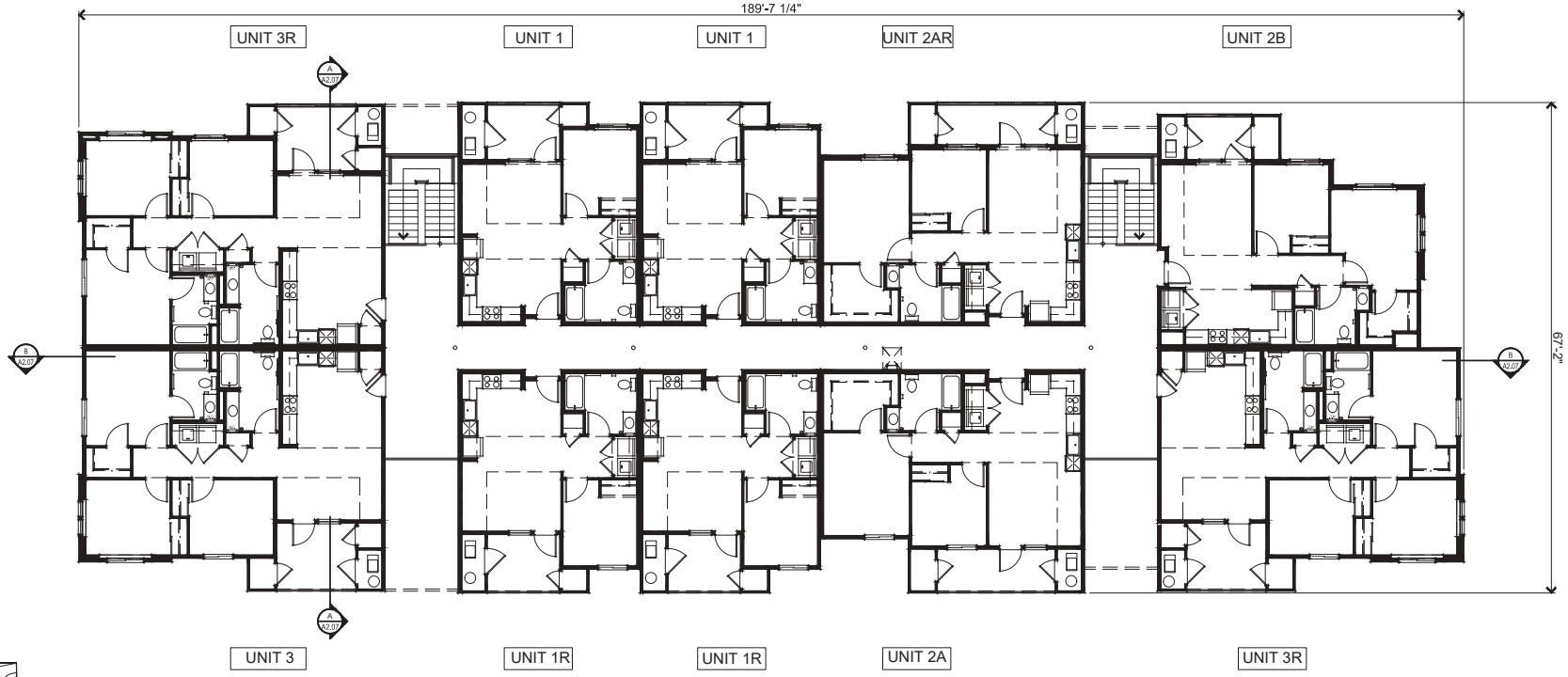

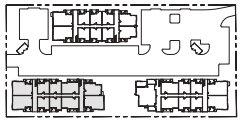

NORTH

0 2' 4' 6' 8' 16'

399.265 Sheridan Drive Apartments
Menlo Park, CA
September 9, 2024

BUILDING 2 - THIRD FLOOR PLAN
A2.03

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UNIT 3R UNIT 3

Ⓐ WEST ELEVATION

FOR COLOR & MATERIALS SEE SHEET A4.06

UNIT 2B UNIT 2AR UNIT 1 UNIT 1 UNIT 3R

Ⓑ NORTH ELEVATION (FRONT)

FOR COLOR & MATERIALS SEE SHEET A4.06

399.265 Sheridan Drive Apartments
Menlo Park, CA
September 9, 2024

BUILDING 2 - EXTERIOR ELEVATIONS
A2.04

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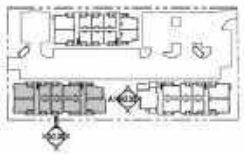
Ⓐ EAST ELEVATION

FOR COLOR & MATERIALS
SEE SHEET A4.06

Ⓑ SOUTH ELEVATION (PARK)

FOR COLOR & MATERIALS
SEE SHEET A4.06



399.265 Sheridan Drive Apartments
Menlo Park, CA
September 9, 2024

BUILDING 2 - EXTERIOR ELEVATIONS
A2.05

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NOTE:	ROOF AREA CALCULATIONS:	
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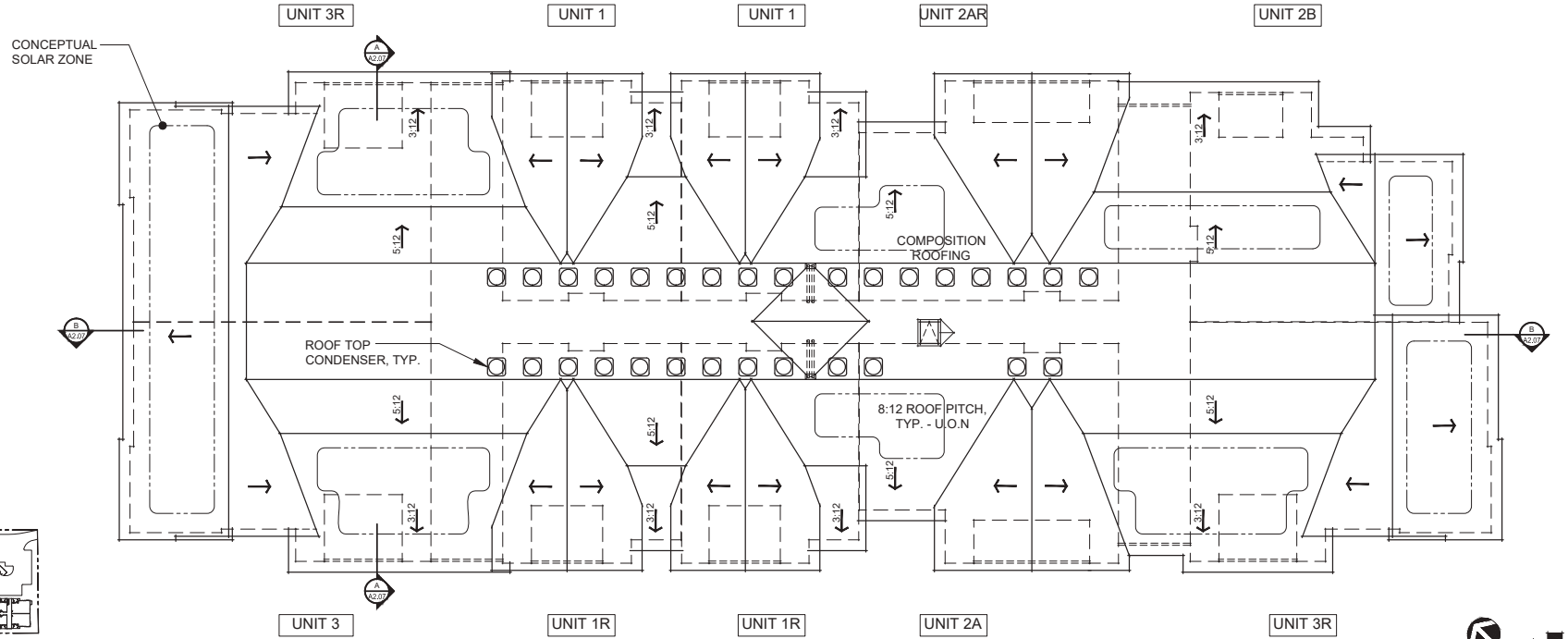
	MECHANICAL EQUIPMENT:	188 S.F.
	TOTAL:	12,396 S.F.

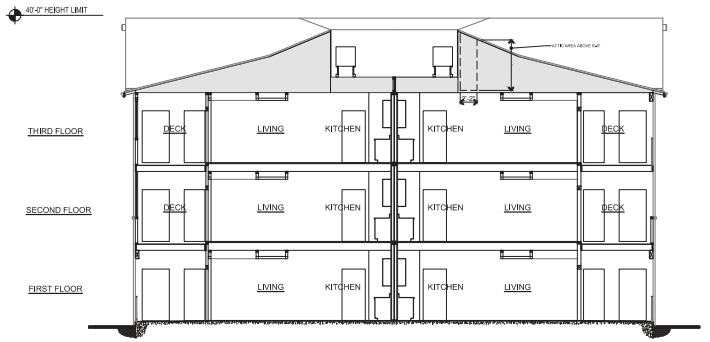


399.265 Sheridan Drive Apartments
Menlo Park, CA
September 9, 2024

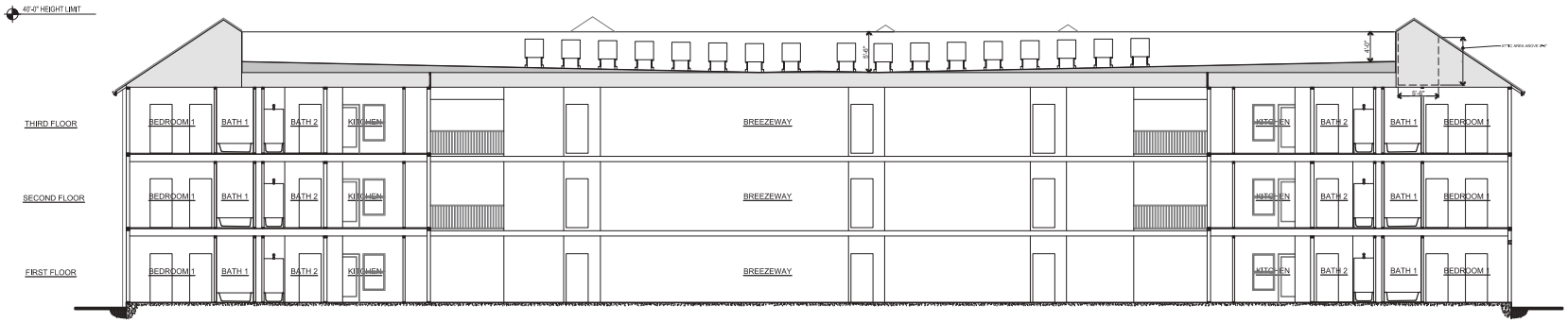
BUILDING 2 - ROOF PLAN
A2.06

Alliant Strategic Development
26050 Mureau Road, Suite 101,
Calabasas, CA 91302

SDG Architects, Inc.
3361 Walnut Blvd. Suite 120
Brentwood, CA 94513
925.634.7030 | sdgarchitectsinc.com



Ⓐ SECTION



Ⓑ SECTION

0 2' 4' 6' 8' 16'

399.265 Sheridan Drive Apartments
Menlo Park, CA
September 9, 2024

BUILDING 2 - SECTIONS
A2.07

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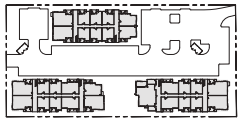
LEED Floor Plan legend

- Shared / Multi-Occupant spaces
- Individual / Single-occupant spaces
- Trash / Recycling area
- Janitor / Laundry Room
- Primary Entry / Exit
- Secondary Entry / Exit
- Emergency Exit only



NORTH

0 2' 4' 6' 8' 16'

399.265 Sheridan Drive Apartments
Menlo Park, CA
September 9, 2024

BUILDING 3 - FIRST FLOOR PLAN
A3.01

Alliant Strategic Development
26050 Mureau Road, Suite 101,
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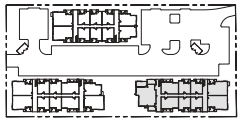

NORTH

0 2' 4' 6' 8' 16'

399.265 Sheridan Drive Apartments
Menlo Park, CA
September 9, 2024

BUILDING 3 - SECOND FLOOR PLAN
A3.02

Alliant Strategic Development
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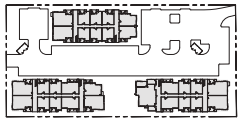

NORTH 0 2' 4' 6' 8' 16'

399.265 Sheridan Drive Apartments
Menlo Park, CA
September 9, 2024

BUILDING 3 - THIRD FLOOR PLAN
A3.03

Alliant Strategic Development
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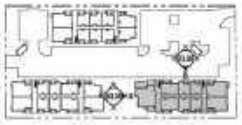
Ⓐ WEST ELEVATION

FOR COLOR & MATERIALS
SEE SHEET A4.06



Ⓑ NORTH ELEVATION (FRONT)

FOR COLOR & MATERIALS
SEE SHEET A4.06

399.265 Sheridan Drive Apartments
Menlo Park, CA
September 9, 2024

BUILDING 3 - EXTERIOR ELEVATIONS
A3.04

Alliant Strategic Development
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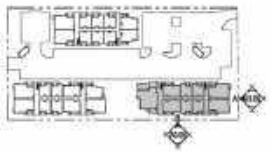
Ⓐ EAST ELEVATION

FOR COLOR & MATERIALS
SEE SHEET A4.06

Ⓑ SOUTH ELEVATION (PARK)

FOR COLOR & MATERIALS
SEE SHEET A4.06



399.265 Sheridan Drive Apartments
Menlo Park, CA
September 9, 2024

BUILDING 3 - EXTERIOR ELEVATIONS
A3.05

Alliant Strategic Development
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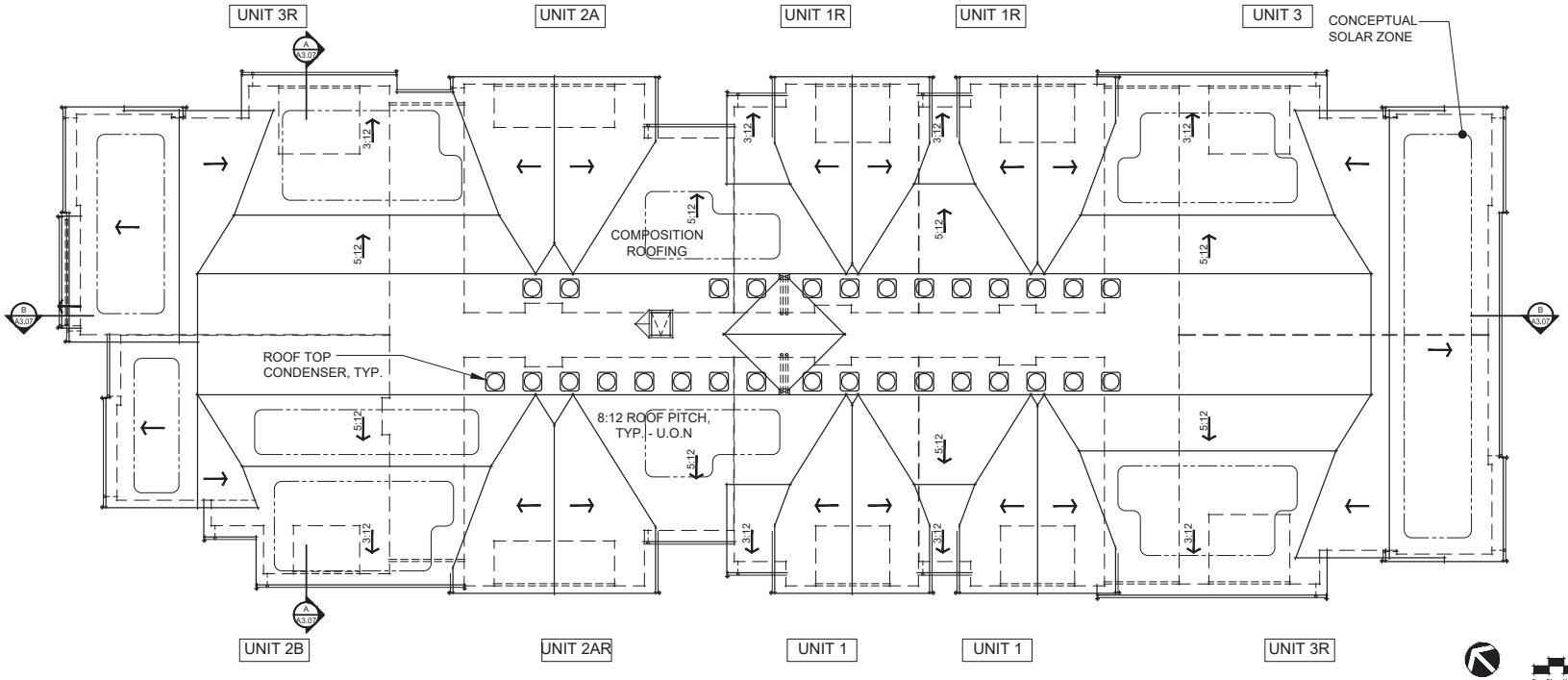
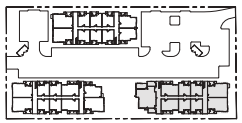
NOTE:	ROOF AREA CALCULATIONS:	
ROOFTOP EQUIPMENT WILL COMPLY WITH THE NOISE LIMITATION OF 50 dBA AT 50 FEET.	ROOFING MEMBRANE:	11,714 S.F.
	WALKING PAD:	494 S.F.
	MECHANICAL EQUIPMENT:	188 S.F.
	TOTAL:	12,396 S.F.





NORTH

0 2' 4' 6' 8' 16'

399.265 Sheridan Drive Apartments
Menlo Park, CA
September 9, 2024

BUILDING 3 - ROOF PLAN
A3.06

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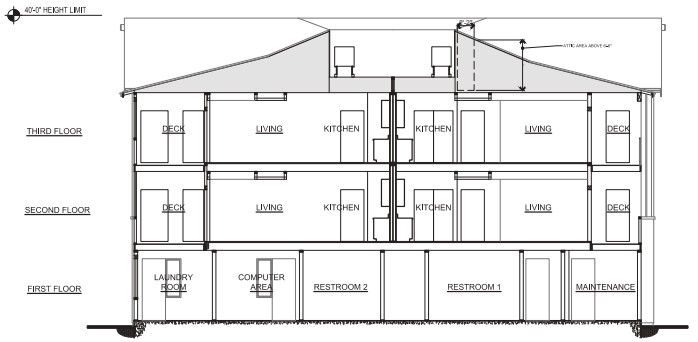
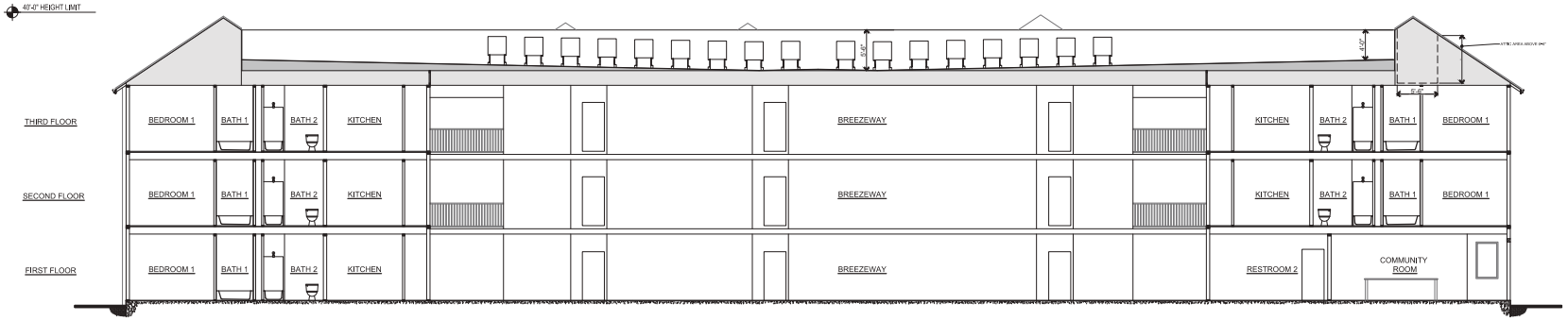


Ⓐ SECTION



Ⓑ SECTION

0 2' 4' 6' 8' 16'

399.265 Sheridan Drive Apartments
Menlo Park, CA
September 9, 2024

BUILDING 3 - SECTIONS
A3.07

Alliant Strategic Development
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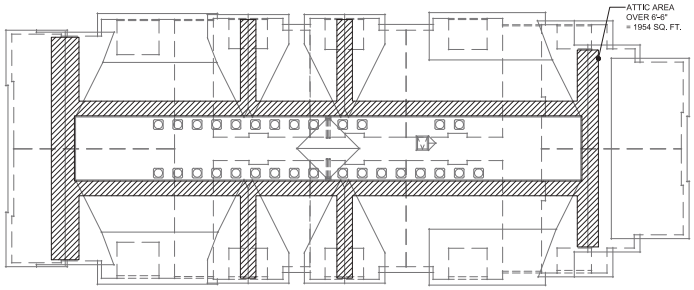
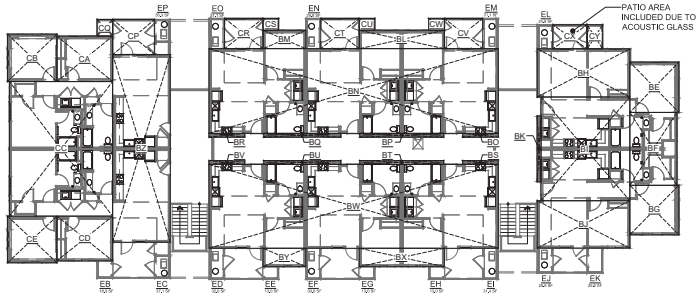
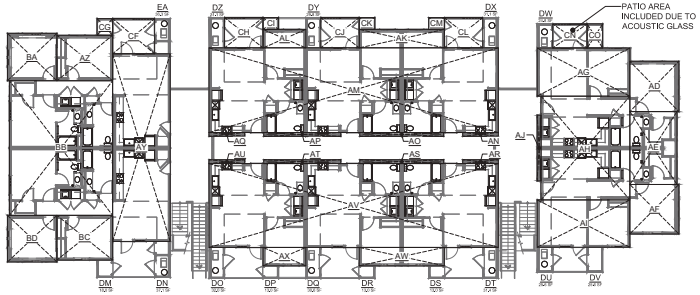


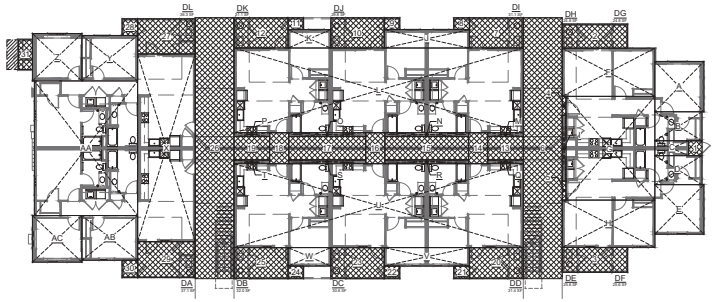
ATTIC AREA OVER 6'-6"



THIRD FLOOR



SECOND FLOOR



FIRST FLOOR

0 4' 8' 12' 16' 32'

FLOOR AREA LIMIT CALCULATIONS

FIRST FLOOR

AREA	DIMENSIONS	SQ. FT.
A	12'-8" x 13'-0"	164 SQ. FT.
B	12'-2" x 7'-6"	90 SQ. FT.
C	8'-8" x 3'-10"	33 SQ. FT.
D	12'-2" x 7'-6"	90 SQ. FT.
E	12'-8" x 12'-9"	161 SQ. FT.
F	23'-11" x 12'-5"	296 SQ. FT.
G	22'-11" x 26'-9"	611 SQ. FT.
H	23'-11" x 12'-2"	291 SQ. FT.
I	1'-0" x 16'-11"	17 SQ. FT.
J	21'-11" x 4'-9"	104 SQ. FT.
K	11'-0" x 4'-9"	52 SQ. FT.
L	74'-6" x 21'-10"	1623 SQ. FT.
M	9'-2" x 1'-0"	9 SQ. FT.
N	21'-7" x 1'-0"	22 SQ. FT.
O	19'-10" x 1'-0"	20 SQ. FT.
P	9'-2" x 1'-0"	9 SQ. FT.
Q	9'-2" x 1'-0"	9 SQ. FT.
R	21'-7" x 1'-0"	22 SQ. FT.
S	19'-10" x 1'-0"	20 SQ. FT.
T	9'-2" x 1'-0"	9 SQ. FT.
U	74'-6" x 21'-7"	1608 SQ. FT.
V	21'-11" x 4'-9"	104 SQ. FT.
W	11'-0" x 4'-9"	52 SQ. FT.
X	14'-10" x 48'-4"	716 SQ. FT.
Y	14'-4" x 11'-9"	168 SQ. FT.
Z	12'-9" x 12'-3"	156 SQ. FT.
AA	26'-7" x 34'-8"	922 SQ. FT.
AB	14'-4" x 11'-6"	165 SQ. FT.
AC	12'-9" x 12'-0"	153 SQ. FT.
DA-DL	CALCULATION	360 SQ.FT.
1	3'-6" x 3'-10"	13 SQ. FT.
8	4'-0" x 3'-1"	12 SQ. FT.
9	4'-0" x 3'-1"	12 SQ. FT.
11	4'-0" x 3'-1"	12 SQ. FT.
21	4'-0" x 3'-3"	13 SQ. FT.
22	4'-0" x 3'-3"	13 SQ. FT.
24	4'-0" x 3'-3"	13 SQ. FT.
28	4'-0" x 4'-6"	18 SQ. FT.
30	4'-0" x 4'-6"	18 SQ. FT.
TOTAL:		8180 SQ. FT.

SECOND FLOOR

AREA	DIMENSIONS	SQ. FT.
AD	12'-8" x 13'-0"	164 SQ. FT.
AE	12'-2" x 8'-9"	227 SQ. FT.
AF	12'-8" x 12'-9"	161 SQ. FT.
AG	23'-11" x 12'-5"	296 SQ. FT.
AH	22'-11" x 26'-9"	611 SQ. FT.
AI	23'-11" x 12'-2"	291 SQ. FT.
AJ	1'-0" x 16'-11"	17 SQ. FT.
AK	21'-11" x 4'-9"	104 SQ. FT.
AL	11'-0" x 4'-9"	52 SQ. FT.
AM	74'-6" x 21'-10"	1623 SQ. FT.
AN	9'-2" x 1'-0"	9 SQ. FT.
AO	21'-7" x 1'-0"	22 SQ. FT.
AP	19'-10" x 1'-0"	20 SQ. FT.
AQ	9'-2" x 1'-0"	9 SQ. FT.
AR	9'-2" x 1'-0"	9 SQ. FT.
AS	21'-7" x 1'-0"	22 SQ. FT.
AT	19'-10" x 1'-0"	20 SQ. FT.
AU	9'-2" x 1'-0"	9 SQ. FT.
AV	74'-6" x 21'-7"	1608 SQ. FT.
AW	21'-11" x 4'-9"	104 SQ. FT.
AX	11'-0" x 4'-9"	52 SQ. FT.
AY	14'-10" x 48'-4"	716 SQ. FT.
AZ	14'-4" x 11'-9"	168 SQ. FT.
BA	12'-9" x 12'-3"	156 SQ. FT.
BB	26'-7" x 34'-8"	922 SQ. FT.
BC	14'-4" x 11'-6"	165 SQ. FT.
BD	12'-9" x 12'-0"	153 SQ. FT.
CF	10'-10" x 9'-1"	98 SQ. FT.
CG	4'-0" x 4'-3"	17 SQ. FT.
CH	9'-11" x 7'-9"	77 SQ. FT.
CI	4'-0" x 3'-3"	12 SQ. FT.
CJ	9'-11" x 7'-9"	77 SQ. FT.
CK	4'-0" x 3'-3"	12 SQ. FT.
CL	9'-11" x 7'-9"	77 SQ. FT.
CM	4'-0" x 3'-3"	12 SQ. FT.
CN	8'-11" x 6'-2"	55 SQ. FT.
CO	4'-0" x 6'-2"	25 SQ. FT.
DM-EA	CALCULATION	392 SQ. FT.
TOTAL:		8564 SQ. FT.

THIRD FLOOR

AREA	DIMENSIONS	SQ. FT.
BE	12'-8" x 13'-0"	164 SQ. FT.
BF	12'-2" x 8'-9"	227 SQ. FT.
BG	12'-8" x 12'-9"	161 SQ. FT.
BH	23'-11" x 12'-5"	296 SQ. FT.
BI	22'-11" x 26'-9"	611 SQ. FT.
BJ	23'-11" x 12'-2"	291 SQ. FT.
BK	1'-0" x 16'-11"	17 SQ. FT.
BL	21'-11" x 4'-9"	104 SQ. FT.
BM	11'-0" x 4'-9"	52 SQ. FT.
BN	74'-6" x 21'-10"	1623 SQ. FT.
BQ	9'-2" x 1'-0"	9 SQ. FT.
BP	21'-7" x 1'-0"	22 SQ. FT.
BQ	19'-10" x 1'-0"	20 SQ. FT.
BR	9'-2" x 1'-0"	9 SQ. FT.
BS	9'-2" x 1'-0"	9 SQ. FT.
BT	21'-7" x 1'-0"	22 SQ. FT.
BU	19'-10" x 1'-0"	20 SQ. FT.
BV	9'-2" x 1'-0"	9 SQ. FT.
BW	74'-6" x 21'-7"	1608 SQ. FT.
BX	21'-11" x 4'-9"	104 SQ. FT.
BY	11'-0" x 4'-9"	52 SQ. FT.
BZ	14'-10" x 48'-4"	716 SQ. FT.
CA	14'-4" x 11'-9"	168 SQ. FT.
CB	12'-9" x 12'-3"	156 SQ. FT.
CC	26'-7" x 34'-8"	922 SQ. FT.
CD	14'-4" x 11'-6"	165 SQ. FT.
CE	12'-9" x 12'-0"	153 SQ. FT.
CP	10'-10" x 9'-1"	98 SQ. FT.
CQ	4'-0" x 4'-3"	17 SQ. FT.
CR	9'-11" x 7'-9"	77 SQ. FT.
CS	4'-0" x 3'-0"	12 SQ. FT.
CT	9'-11" x 7'-9"	77 SQ. FT.
CU	4'-0" x 3'-0"	12 SQ. FT.
CV	9'-11" x 7'-9"	77 SQ. FT.
CW	4'-0" x 3'-0"	12 SQ. FT.
CX	8'-10" x 6'-3"	55 SQ. FT.
CY	4'-0" x 6'-2"	25 SQ. FT.
EB-EP	CALCULATION	392 SQ. FT.
TOTAL:		8564 SQ. FT.
ATTIC :		1954 SQ. FT.

TOTAL FLOOR AREA LIMIT 27,262 SQ. FT.

BUILDING COVERAGE CALCULATIONS

AREA	DIMENSIONS	SQ. FT.
1	3'-6" x 3'-10"	13 SQ. FT.
2	16'-11" x 6'-3"	105 SQ. FT.
3	16'-11" x 6'-5"	108 SQ. FT.
4	1'-0" x 4'-11"	5 SQ. FT.
5	1'-0" x 4'-11"	5 SQ. FT.
6	10'-0" x 67'-2"	672 SQ. FT.
7	13'-11" x 7'-10"	108 SQ. FT.
8	4'-0" x 3'-1"	12 SQ. FT.
9	4'-0" x 3'-1"	12 SQ. FT.
10	13'-9" x 7'-10"	107 SQ. FT.
11	4'-0" x 3'-1"	12 SQ. FT.
12	13'-11" x 7'-10"	108 SQ. FT.
13	9'-2" x 6'-0"	55 SQ. FT.
14	4'-11" x 8'-0""	39 SQ. FT.
15	21'-7" x 6'-0"	130 SQ. FT.
16	4'-11" x 8'-0""	39 SQ. FT.
17	19'-10" x 6'-0"	119 SQ. FT.
18	4'-11" x 8'-0""	39 SQ. FT.
19	9'-2" x 6'-0"	55 SQ. FT.
20	13'-11" x 8'-0"	111 SQ. FT.
21	4'-0" x 3'-3"	13 SQ. FT.
22	4'-0" x 3'-3"	13 SQ. FT.
23	13'-9" x 8'-0"	110 SQ. FT.
24	4'-0" x 3'-3"	13 SQ. FT.
25	13'-11" x 8'-0"	111 SQ. FT.
26	10'-0" x 67'-2"	672 SQ. FT.
27	14'-10" x 9'-4"	138 SQ. FT.
28	4'-0" x 4'-6"	18 SQ. FT.
29	14'-10" x 9'-4"	138 SQ. FT.
30	4'-0" x 4'-6"	18 SQ. FT.
31	3'-7" x 7'-8"	27 SQ. FT.
AREAS A THROUGH AC		7696 SQ. FT.

TOTAL BUILDING COVERAGE 10,821 SQ. FT.

399.265 Sheridan Drive Apartments
Menlo Park, CA
September 9, 2024

BUILDING 1 - FLOOR AREA & BUILDING COVERAGE CALCS
A4.01

Alliant Strategic Development
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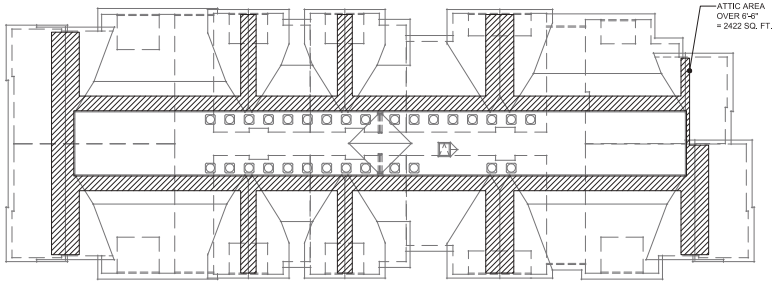


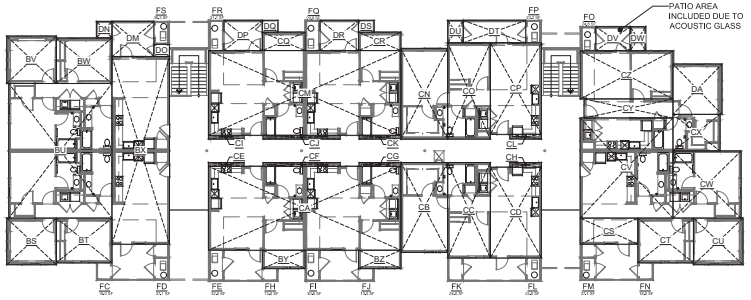
ATTIC AREA OVER 6'-6"

FLOOR AREA LIMIT CALCULATIONS

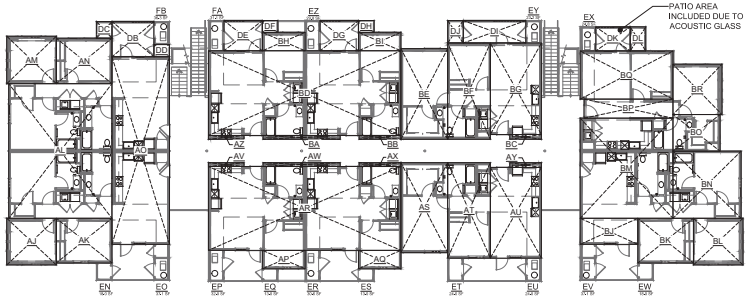
FIRST FLOOR			SECOND FLOOR			THIRD FLOOR		
AREA	DIMENSIONS	SQ. FT.	AREA	DIMENSIONS	SQ. FT.	AREA	DIMENSIONS	SQ. FT.
A	12'-9" x 12'-0"	153 SQ. FT.	AJ	12'-9" x 12'-0"	153 SQ. FT.	BS	12'-9" x 12'-0"	153 SQ. FT.
B	14'-4" x 11'-6"	165 SQ. FT.	AK	14'-4" x 11'-6"	165 SQ. FT.	BT	14'-4" x 11'-6"	165 SQ. FT.
C	26'-7" x 34'-8"	922 SQ. FT.	AL	26'-7" x 34'-8"	922 SQ. FT.	BU	26'-7" x 34'-8"	922 SQ. FT.
D	12'-9" x 12'-3"	156 SQ. FT.	AM	12'-9" x 12'-3"	156 SQ. FT.	BV	12'-9" x 12'-3"	156 SQ. FT.
E	14'-4" x 11'-9"	168 SQ. FT.	AN	14'-4" x 11'-9"	168 SQ. FT.	BW	14'-4" x 11'-9"	168 SQ. FT.
F	14'-10" x 48'-4"	716 SQ. FT.	AO	14'-10" x 48'-4"	716 SQ. FT.	BX	14'-10" x 48'-4"	716 SQ. FT.
G	11'-0" x 4'-9"	52 SQ. FT.	AP	11'-0" x 4'-9"	52 SQ. FT.	BY	11'-0" x 4'-9"	52 SQ. FT.
H	10'-11" x 4'-9"	52 SQ. FT.	AQ	10'-11" x 4'-9"	52 SQ. FT.	BZ	10'-11" x 4'-9"	52 SQ. FT.
I	49'-7" x 21'-7"	1070 SQ. FT.	AR	49'-7" x 21'-7"	1070 SQ. FT.	CA	49'-7" x 21'-7"	1070 SQ. FT.
J	12'-1" x 23'-2"	279 SQ. FT.	AS	12'-1" x 23'-2"	279 SQ. FT.	CB	12'-1" x 23'-2"	279 SQ. FT.
K	11'-0" x 24'-7"	270 SQ. FT.	AT	11'-0" x 24'-7"	270 SQ. FT.	CC	11'-0" x 24'-7"	270 SQ. FT.
L	13'-2" x 23'-4"	307 SQ. FT.	AU	13'-2" x 23'-4"	307 SQ. FT.	CD	13'-2" x 23'-4"	307 SQ. FT.
M	9'-2" x 1'-0"	9 SQ. FT.	AV	9'-2" x 1'-0"	9 SQ. FT.	CE	9'-2" x 1'-0"	9 SQ. FT.
N	19'-10" x 1'-0"	20 SQ. FT.	AW	19'-10" x 1'-0"	20 SQ. FT.	CF	19'-10" x 1'-0"	20 SQ. FT.
O	10'-9" x 1'-0"	11 SQ. FT.	AX	10'-9" x 1'-0"	11 SQ. FT.	CG	10'-9" x 1'-0"	11 SQ. FT.
P	8'-2" x 1'-3"	10 SQ. FT.	AY	8'-2" x 1'-3"	10 SQ. FT.	CH	8'-2" x 1'-3"	10 SQ. FT.
Q	9'-2" x 1'-0"	9 SQ. FT.	AZ	9'-2" x 1'-0"	9 SQ. FT.	CI	9'-2" x 1'-0"	9 SQ. FT.
R	19'-10" x 1'-0"	20 SQ. FT.	BA	19'-10" x 1'-0"	20 SQ. FT.	CJ	19'-10" x 1'-0"	20 SQ. FT.
S	10'-9" x 1'-0"	11 SQ. FT.	BB	10'-9" x 1'-0"	11 SQ. FT.	CK	10'-9" x 1'-0"	11 SQ. FT.
T	8'-2" x 1'-3"	10 SQ. FT.	BC	8'-2" x 1'-3"	10 SQ. FT.	CL	8'-2" x 1'-3"	10 SQ. FT.
U	49'-7" x 21'-10"	1081 SQ. FT.	BD	49'-7" x 21'-10"	1081 SQ. FT.	CM	49'-7" x 21'-10"	1081 SQ. FT.
V	12'-1" x 23'-5"	281 SQ. FT.	BE	12'-1" x 23'-5"	281 SQ. FT.	CN	12'-1" x 23'-5"	281 SQ. FT.
W	11'-0" x 24'-10"	273 SQ. FT.	BF	11'-0" x 24'-10"	273 SQ. FT.	CO	11'-0" x 24'-10"	273 SQ. FT.
X	13'-2" x 23'-7"	309 SQ. FT.	BG	13'-2" x 23'-7"	309 SQ. FT.	CP	13'-2" x 23'-7"	309 SQ. FT.
Y	11'-0" x 4'-9"	52 SQ. FT.	BH	11'-0" x 4'-9"	52 SQ. FT.	CQ	11'-0" x 4'-9"	52 SQ. FT.
Z	10'-11" x 4'-9"	52 SQ. FT.	BI	10'-11" x 4'-9"	52 SQ. FT.	CR	10'-11" x 4'-9"	52 SQ. FT.
AA	14'-10" x 6'-9"	100 SQ. FT.	BJ	14'-10" x 6'-9"	100 SQ. FT.	CS	14'-10" x 6'-9"	100 SQ. FT.
AB	14'-4" x 11'-6"	165 SQ. FT.	BK	14'-4" x 11'-6"	165 SQ. FT.	CT	14'-4" x 11'-6"	165 SQ. FT.
AC	12'-9" x 12'-0"	153 SQ. FT.	BL	12'-9" x 12'-0"	153 SQ. FT.	CU	12'-9" x 12'-0"	153 SQ. FT.
AD	23'-11" x 25'-9"	615 SQ. FT.	BM	23'-11" x 25'-9"	615 SQ. FT.	CV	23'-11" x 25'-9"	615 SQ. FT.
AE	17'-7" x 17'-4"	303 SQ. FT.	BN	17'-7" x 17'-4"	303 SQ. FT.	CW	17'-7" x 17'-4"	303 SQ. FT.
AF	12'-2" x 9'-5"	114 SQ. FT.	BO	12'-2" x 9'-5"	114 SQ. FT.	CX	12'-2" x 9'-5"	114 SQ. FT.
AG	22'-11" x 4'-11"	112 SQ. FT.	BP	22'-11" x 4'-11"	112 SQ. FT.	CY	22'-11" x 4'-11"	112 SQ. FT.
AH	23'-11" x 12'-5"	296 SQ. FT.	BQ	23'-11" x 12'-5"	296 SQ. FT.	CZ	23'-11" x 12'-5"	296 SQ. FT.
AI	12'-8" x 13'-0"	164 SQ. FT.	BR	12'-8" x 13'-0"	164 SQ. FT.	DA	12'-8" x 13'-0"	164 SQ. FT.
EA-EM	CALCULATION	378 SQ. FT.	DB	10'-10" x 9'-1"	98 SQ. FT.	DM	10'-10" x 9'-1"	98 SQ. FT.
1	4'-0" x 4'-6"	18 SQ. FT.	DC	4'-0" x 4'-3"	17 SQ. FT.	DN	4'-0" x 4'-3"	17 SQ. FT.
3	4'-0" x 4'-4"	17 SQ. FT.	DD	4'-0" x 3'-2"	13 SQ. FT.	DO	4'-0" x 3'-2"	13 SQ. FT.
7	4'-0" x 3'-3"	13 SQ. FT.	DE	9'-11" x 7'-9"	77 SQ. FT.	DP	9'-11" x 7'-9"	77 SQ. FT.
9	4'-0" x 3'-3"	13 SQ. FT.	DF	4'-0" x 3'-0"	12 SQ. FT.	DQ	4'-0" x 3'-0"	12 SQ. FT.
19	4'-0" x 3'-1"	12 SQ. FT.	DG	9'-11" x 7'-9"	77 SQ. FT.	DR	9'-11" x 7'-9"	77 SQ. FT.
21	4'-0" x 3'-1"	12 SQ. FT.	DH	4'-0" x 3'-0"	12 SQ. FT.	DS	4'-0" x 3'-0"	12 SQ. FT.
25	4'-0" x 4'-6"	18 SQ. FT.	DI	16'-1" x 5'-9"	92 SQ. FT.	DT	16'-1" x 5'-9"	92 SQ. FT.
			DJ	4'-0" x 5'-9"	23 SQ. FT.	DU	4'-0" x 5'-9"	23 SQ. FT.
			DK	8'-10" x 6'-3"	55 SQ. FT.	DV	8'-10" x 6'-3"	55 SQ. FT.
			DL	4'-0" x 6'-3"	25 SQ. FT.	DW	4'-0" x 6'-3"	25 SQ. FT
			EN-FB	CALCULATION	392 SQ. FT.	FC-FS	CALCULATION	392 SQ. FT
TOTAL:		8961 SQ. FT.	TOTAL:		9373 SQ. FT.	TOTAL:		9373 SQ. FT.
						ATTIC :		2422 SQ. FT.
TOTAL FLOOR AREA LIMIT		30,129 SQ. FT.						

BUILDING COVERAGE CALCULATIONS

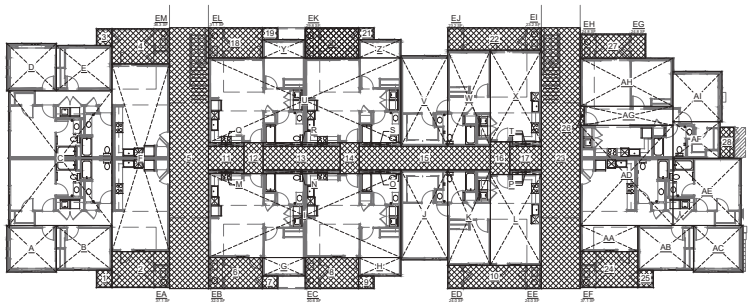
AREA	DIMENSIONS	SQ. FT.
1	4'-0" x 4'-6"	18 SQ. FT.
2	14'-10" x 9'-4"	138 SQ. FT.
3	4'-0" x 4'-4"	17 SQ. FT.
4	14'-10" x 9'-1"	135 SQ. FT.
5	10'-0" x 67'-2"	672 SQ. FT.
6	13'-11" x 8'-0"	111 SQ. FT.
7	4'-0" x 3'-3"	13 SQ. FT.
8	13'-9" x 8'-0"	110 SQ. FT.
9	4'-0" x 3'-3"	13 SQ. FT.
10	24'-2" x 6'-0"	145 SQ. FT.
11	9'-2" x 6'-0"	55 SQ. FT.
12	4'-11" x 8'-0"	39 SQ. FT.
13	19'-10" x 6'-0"	119 SQ. FT.
14	4'-11" x 8'-0"	39 SQ. FT.
15	33'-10" x 6'-0"	203 SQ. FT.
16	5'-0" x 8'-6"	42 SQ. FT.
17	8'-2" x 6'-0"	49 SQ. FT.
18	13'-11" x 7'-10"	108 SQ. FT.
19	4'-0" x 3'-1"	12 SQ. FT.
20	13'-9" x 7'-10"	107 SQ. FT.
21	4'-0" x 3'-1"	12 SQ. FT.
22	24'-2" x 5'-10"	140 SQ. FT.
23	10'-0" x 67'-2"	672 SQ. FT.
24	14'-10" x 9'-4"	138 SQ. FT.
25	4'-0" x 4'-6"	18 SQ. FT.
26	1'-0" x 4'-11"	5 SQ. FT.
27	16'-11" x 6'-3"	105 SQ. FT.
28	3'-7" x 7'-8"	27 SQ. FT.
FIRST FLOOR AREAS		8480 SQ. FT.
TOTAL BUILDING COVERAGE		11,742 SQ. FT.



THIRD FLOOR



SECOND FLOOR



FIRST FLOOR

0 4' 8' 12' 16' 32'

399.265
Sheridan Drive Apartments
Menlo Park, CA
September 9, 2024

BUILDING 2 - FLOOR AREA & BUILDING COVERAGE CALCS
A4.02

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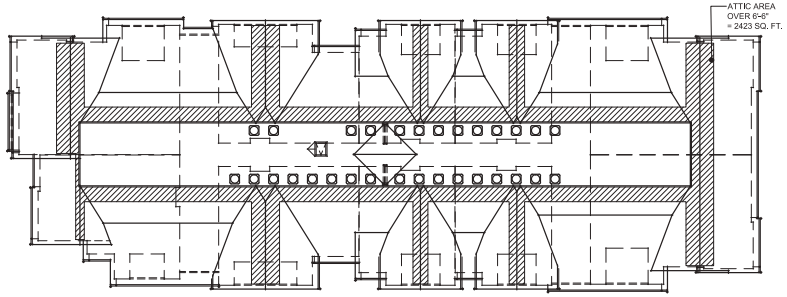
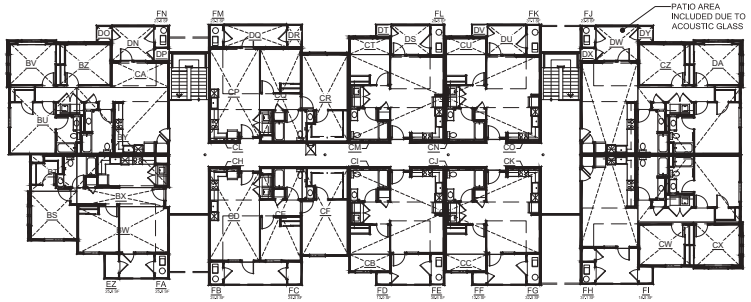
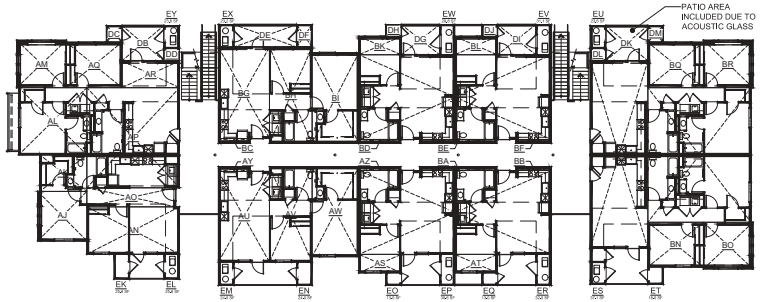


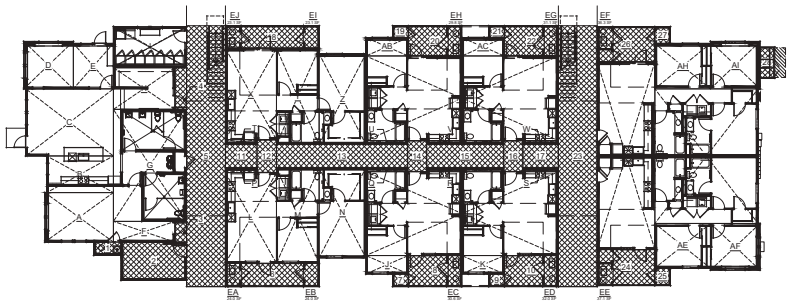
ATTIC AREA OVER 6'-6"



THIRD FLOOR



SECOND FLOOR



FIRST FLOOR

FLOOR AREA LIMIT CALCULATIONS

FIRST FLOOR			SECOND FLOOR			THIRD FLOOR		
AREA	DIMENSIONS	SQ. FT.	AREA	DIMENSIONS	SQ. FT.	AREA	DIMENSIONS	SQ. FT.
A	17'-8" x 12'-9"	225 SQ. FT.	AJ	12'-8" x 12'-9"	161 SQ. FT.	BS	12'-8" x 12'-9"	161 SQ. FT.
B	17'-2" x 9'-5"	162 SQ. FT.	AK	12'-2" x 9'-5"	114 SQ. FT.	BT	12'-2" x 9'-5"	114 SQ. FT.
C	22'-7" x 17'-4"	391 SQ. FT.	AL	17'-7" x 17'-4"	303 SQ. FT.	BU	17'-7" x 17'-4"	303 SQ. FT.
D	12'-9" x 12'-3"	156 SQ. FT.	AM	12'-9" x 12'-3"	156 SQ. FT.	BV	12'-9" x 12'-3"	156 SQ. FT.
E	10'-4" x 11'-9"	121 SQ. FT.	AN	23'-11" x 12'-2"	291 SQ. FT.	BW	23'-11" x 12'-2"	291 SQ. FT.
F	15'-10" x 5'-4"	84 SQ. FT.	AO	22'-11" x 4'-11"	112 SQ. FT.	BX	22'-11" x 4'-11"	112 SQ. FT.
G	18'-10" x 28'-10"	543 SQ. FT.	AP	23'-11" x 25'-9"	615 SQ. FT.	BY	23'-11" x 25'-9"	615 SQ. FT.
H	15'-10" x 10'-9"	170 SQ. FT.	AQ	14'-4" x 11'-9"	168 SQ. FT.	BZ	14'-4" x 11'-9"	168 SQ. FT.
I	18'-10" x 10'-7"	199 SQ. FT.	AR	14'-10" x 6'-11"	103 SQ. FT.	CA	14'-10" x 6'-11"	103 SQ. FT.
J	10'-11" x 4'-9"	52 SQ. FT.	AS	10'-11" x 4'-9"	52 SQ. FT.	CB	10'-11" x 4'-9"	52 SQ. FT.
K	11'-0" x 4'-9"	52 SQ. FT.	AT	11'-0" x 4'-9"	52 SQ. FT.	CC	11'-0" x 4'-9"	52 SQ. FT.
L	13'-2" x 23'-4"	307 SQ. FT.	AU	13'-2" x 23'-4"	307 SQ. FT.	CD	13'-2" x 23'-4"	307 SQ. FT.
M	11'-0" x 24'-7"	270 SQ. FT.	AV	11'-0" x 24'-7"	270 SQ. FT.	CE	11'-0" x 24'-7"	270 SQ. FT.
N	12'-1" x 23'-2"	279 SQ. FT.	AW	12'-1" x 23'-2"	279 SQ. FT.	CF	12'-1" x 23'-2"	279 SQ. FT.
O	49'-7" x 21'-7"	1070 SQ. FT.	AX	49'-7" x 21'-7"	1070 SQ. FT.	CG	49'-7" x 21'-7"	1070 SQ. FT.
P	8'-2" x 1'-3"	10 SQ. FT.	AY	8'-2" x 1'-3"	10 SQ. FT.	CH	8'-2" x 1'-3"	10 SQ. FT.
Q	10'-9" x 1'-0"	11 SQ. FT.	AZ	10'-9" x 1'-0"	11 SQ. FT.	CI	10'-9" x 1'-0"	11 SQ. FT.
R	19'-10" x 1'-0"	20 SQ. FT.	BA	19'-10" x 1'-0"	20 SQ. FT.	CJ	19'-10" x 1'-0"	20 SQ. FT.
S	9'-2" x 1'-0"	9 SQ. FT.	BB	9'-2" x 1'-0"	9 SQ. FT.	CK	9'-2" x 1'-0"	9 SQ. FT.
T	8'-2" x 1'-3"	10 SQ. FT.	BC	8'-2" x 1'-3"	10 SQ. FT.	CL	8'-2" x 1'-3"	10 SQ. FT.
U	10'-9" x 1'-0"	11 SQ. FT.	BD	10'-9" x 1'-0"	11 SQ. FT.	CM	10'-9" x 1'-0"	11 SQ. FT.
V	19'-10" x 1'-0"	20 SQ. FT.	BE	19'-10" x 1'-0"	20 SQ. FT.	CN	19'-10" x 1'-0"	20 SQ. FT.
W	9'-2" x 1'-0"	9 SQ. FT.	BF	9'-2" x 1'-0"	9 SQ. FT.	CO	9'-2" x 1'-0"	9 SQ. FT.
X	13'-2" x 23'-7"	309 SQ. FT.	BG	13'-2" x 23'-7"	309 SQ. FT.	CP	13'-2" x 23'-7"	309 SQ. FT.
Y	11'-0" x 24'-10"	273 SQ. FT.	BH	11'-0" x 24'-10"	273 SQ. FT.	CQ	11'-0" x 24'-10"	273 SQ. FT.
Z	12'-1" x 23'-5"	281 SQ. FT.	BI	12'-1" x 23'-5"	281 SQ. FT.	CR	12'-1" x 23'-5"	281 SQ. FT.
AA	49'-7" x 21'-10"	1081 SQ. FT.	BJ	49'-7" x 21'-10"	1081 SQ. FT.	CS	49'-7" x 21'-10"	1081 SQ. FT.
AB	10'-11" x 4'-9"	52 SQ. FT.	BK	10'-11" x 4'-9"	52 SQ. FT.	CT	10'-11" x 4'-9"	52 SQ. FT.
AC	11'-0" x 4'-9"	52 SQ. FT.	BL	11'-0" x 4'-9"	52 SQ. FT.	CU	11'-0" x 4'-9"	52 SQ. FT.
AD	14'-10" x 48'-4"	716 SQ. FT.	BM	14'-10" x 48'-4"	716 SQ. FT.	CV	14'-10" x 48'-4"	716 SQ. FT.
AE	14'-4" x 11'-6"	165 SQ. FT.	BN	14'-4" x 11'-6"	165 SQ. FT.	CW	14'-4" x 11'-6"	165 SQ. FT.
AF	12'-9" x 12'-0"	153 SQ. FT.	BO	12'-9" x 12'-0"	153 SQ. FT.	CX	12'-9" x 12'-0"	153 SQ. FT.
AG	26'-7" x 34'-8"	922 SQ. FT.	BP	26'-7" x 34'-8"	922 SQ. FT.	CY	26'-7" x 34'-8"	922 SQ. FT.
AH	14'-4" x 11'-9"	168 SQ. FT.	BQ	14'-4" x 11'-9"	168 SQ. FT.	CZ	14'-4" x 11'-9"	168 SQ. FT.
AI	12'-9" x 12'-3"	156 SQ. FT.	BR	12'-9" x 12'-3"	156 SQ. FT.	DA	12'-9" x 12'-3"	156 SQ. FT.
EA-EJ	CALCULATION	291 SQ. FT.	DB	10'-10" x 9'-1"	98 SQ. FT.	DN	10'-10" x 9'-1"	98 SQ. FT.
1	7'-0" x 3'-5"	24 SQ. FT.	DC	4'-0" x 4'-3"	17 SQ. FT.	DO	4'-0" x 4'-3"	17 SQ. FT.
2	16'-11" x 9'-10"	166 SQ. FT.	DD	4'-0" x 3'-2"	13 SQ. FT.	DP	4'-0" x 3'-2"	13 SQ. FT.
7	4'-0" x 3'-3"	13 SQ. FT.	DE	16'-1" x 5'-9"	92 SQ. FT.	DQ	16'-1" x 5'-9"	92 SQ. FT.
9	4'-0" x 3'-3"	13 SQ. FT.	DF	4'-0" x 5'-9"	23 SQ. FT.	DR	4'-0" x 5'-9"	23 SQ. FT.
19	4'-0" x 3'-1"	12 SQ. FT.	DG	9'-11" x 7'-9"	77 SQ. FT.	DS	9'-11" x 7'-9"	77 SQ. FT.
21	4'-0" x 3'-1"	12 SQ. FT.	DH	4'-0" x 3'-0"	12 SQ. FT.	DT	4'-0" x 3'-0"	12 SQ. FT.
25	4'-0" x 4'-6"	18 SQ. FT.	DI	9'-11" x 7'-9"	77 SQ. FT.	DU	9'-11" x 7'-9"	77 SQ. FT.
27	4'-0" x 4'-4"	17 SQ. FT.	DJ	4'-0" x 3'-0"	12 SQ. FT.	DV	4'-0" x 3'-0"	12 SQ. FT.
28	3'-7" x 7'-8"	27 SQ. FT.	DK	10'-10" x 9'-1"	98 SQ. FT.	DW	10'-10" x 9'-1"	98 SQ. FT.
			DL	4'-0" x 3'-2"	13 SQ. FT.	DX	4'-0" x 3'-2"	13 SQ. FT.
			DM	4'-0" x 4'-4"	17 SQ. FT.	DY	4'-0" x 4'-4"	17 SQ. FT.
			EK-EY	CALCULATION	374 SQ. FT.	EZ-FN	CALCULATION	374 SQ. FT.
TOTAL:		9102 SQ. FT.	TOTAL:		9404 SQ. FT.	TOTAL:		9404 SQ. FT.
						ATTIC :		2423 SQ. FT.
TOTAL FLOOR AREA LIMIT		30,333 SQ. FT.						

BUILDING COVERAGE CALCULATIONS

AREA	DIMENSIONS	SQ. FT.
1	7'-0" x 3'-5"	24 SQ. FT.
2	16'-11" x 9'-10"	166 SQ. FT.
3	3'-0" x 5'-4"	16 SQ. FT.
4	3'-0" x 10'-9"	32 SQ. FT.
5	10'-0" x 67'-2"	672 SQ. FT.
6	24'-2" x 6'-0"	145 SQ. FT.
7	4'-0" x 3'-3"	13 SQ. FT.
8	13'-9" x 8'-0"	110 SQ. FT.
9	4'-0" x 3'-3"	13 SQ. FT.
10	13'-11" x 8'-0"	111 SQ. FT.
11	8'-2" x 6'-0"	49 SQ. FT.
12	5'-0" x 8'-6"	42 SQ. FT.
13	33'-10" x 6'-0"	203 SQ. FT.
14	4'-11" x 8'-0"	39 SQ. FT.
15	19'-10" x 6'-0"	119 SQ. FT.
16	4'-11" x 8'-0"	39 SQ. FT.
17	9'-2" x 6'-0"	55 SQ. FT.
18	24'-2" x 5'-10"	140 SQ. FT.
19	4'-0" x 3'-1"	12 SQ. FT.
20	13'-9" x 7'-10"	107 SQ. FT.
21	4'-0" x 3'-1"	12 SQ. FT.
22	13'-11" x 7'-10"	108 SQ. FT.
23	10'-0" x 67'-2"	672 SQ. FT.
24	14'-10" x 9'-4"	138 SQ. FT.
25	4'-0" x 4'-6"	18 SQ. FT.
26	14'-10" x 9'-1"	135 SQ. FT.
27	4'-0" x 4'-4"	17 SQ. FT.
28	3'-7" x 7'-8"	27 SQ. FT.
FIRST FLOOR AREAS		8509 SQ. FT.
TOTAL BUILDING COVERAGE		11,743 SQ. FT.

0 4' 8' 12' 16' 32'

399.265 Sheridan Drive Apartments
Menlo Park, CA
September 9, 2024

BUILDING 3 - FLOOR AREA & BUILDING COVERAGE CALCS
A4.03

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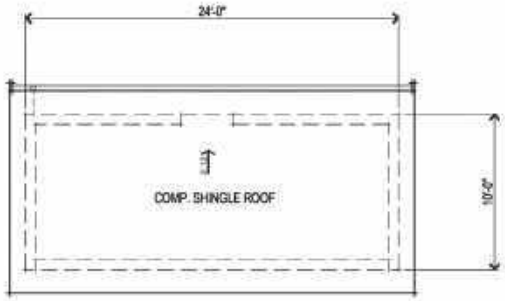
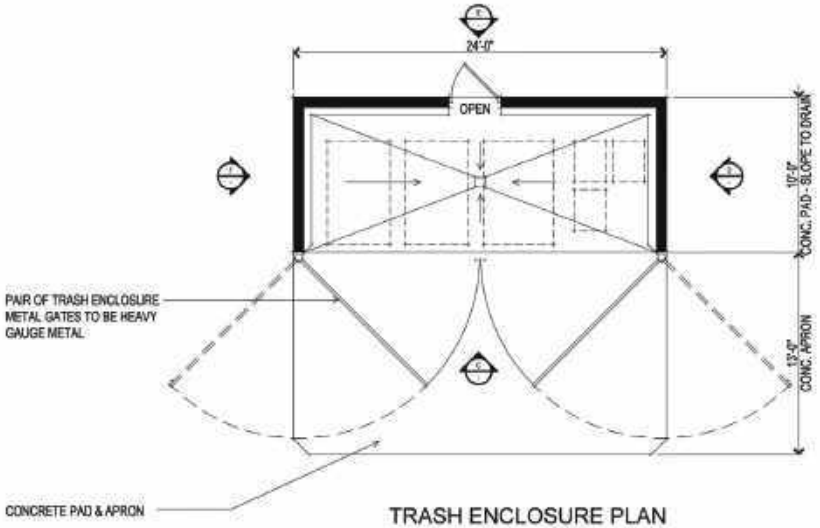


ROOF PLAN

FRONT ELEVATION

RIGHT ELEVATION



TRASH ENCLOSURE PLAN

SEE SITE PLAN FOR ORIENTATION AND LOCATION

REAR ELEVATION

LEFT ELEVATION

0 1 2 3 4 8

399.265 Sheridan Drive Apartments
Menlo Park, CA
September 9, 2024

TRASH ENCLOSURE PLAN & ELEVATIONS
A4.04

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PROJECT SUMMARY

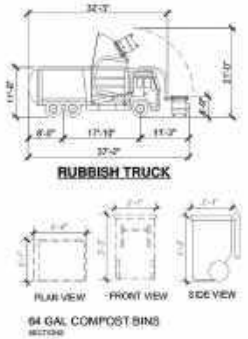
NOTES

SYMBOLS

PROJECT SUMMARY

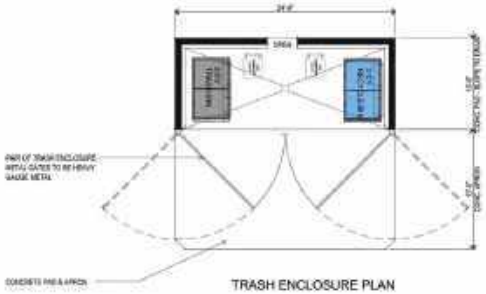
TRASH CORRALS & HAULER ROUTE

MISC EQUIPMENT



SITE LOCATION

ENLARGED TRASH CORRAL



399.265 Sheridan Drive Apartments
Menlo Park, CA
September 9, 2024

WASTE MANAGEMENT
A4.05

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CRRC PROD ID	MANUFACTURER	BRAND AND MODEL	PRODUCT TYPE	COLOR	SOLAR REFLECTANCE INITIAL	SOLAR REFLECTANCE 3 YEAR	THERMAL EMITTANCE INITIAL	THERMAL EMITTANCE 3 YEAR	SRI INITIAL	SRI 3 YEAR
0676-0041a	GAF	**Timberline® Cool Series®** Cool Barkwood **Timberline CS®** Cool Barkwood	Asphalt Shingle	Brown	0.27	0.26	0.90	0.92	27	27
0676-0042a	GAF	**Timberline® Cool Series®** Weathered Wood **Timberline CS®** Weathered Wood	Asphalt Shingle	Multicolor	0.28	0.27	0.92	0.90	30	28

COLOR SCHEME 1

Composition Shingles
GAF Roofing
Weathered Wood

Stucco Smooth Finish
SW 7011 Natural Choice (254-C6)

Horizontal Lap Siding
SW 7011 Natural Choice (254-C6)

Board & Batten Vertical Siding
SW 7011 Natural Choice (254-C6)

Fascia
SW 7069 Iron Ore (251-C7)

Solid Core Entry Door / Accent
SW 7069 Iron Ore (251-C7)

COLOR SCHEME 2

Composition Shingles
GAF Roofing
Weathered Wood

Stucco Smooth Finish
SW 7011 Natural Choice (254-C6)

Horizontal Lap Siding
SW 7011 Natural Choice (254-C6)

Board & Batten Vertical Siding
SW 6164 Svelte Sage (212-C3)

Fascia
SW 7069 Iron Ore (251-C7)

Solid Core Entry Door / Accent
SW 7645 Thunder Grey (278-C1)

COLOR SCHEME 3

Composition Shingles
GAF Roofing
Weathered Wood

Stucco Smooth Finish
SW 7011 Natural Choice (254-C6)

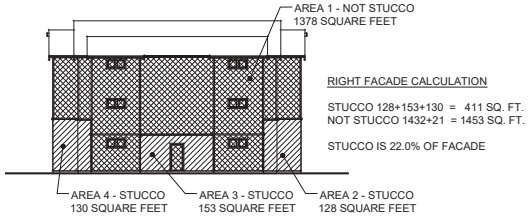
Horizontal Lap Siding
SW 7011 Natural Choice (254-C6)

Board & Batten Vertical Siding
SW 7047 Porpoise (245-C6)

Fascia
SW 7069 Iron Ore (251-C7)

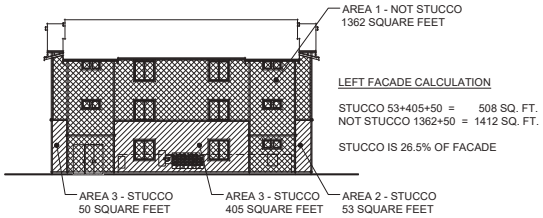
Solid Core Entry Door / Accent
SW 2817 Rookwood Amber (311)

Note: *All colors and textures are representative samples only, pending verification of actual material suppliers and manufacturers for this particular project.*

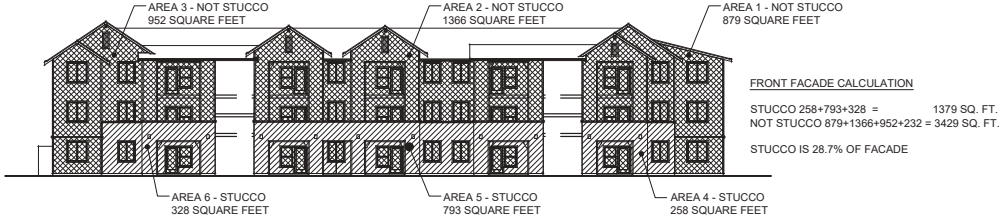


Ⓒ EAST ELEVATION

Ⓑ NORTH ELEVATION



Ⓒ WEST ELEVATION



Ⓐ SOUTH ELEVATION (FRONT)

NORTH 0 4' 8' 12' 16' 32'

399.265 Sheridan Drive Apartments
Menlo Park, CA
September 9, 2024

BUILDING 1 - STUCCO ANALYSIS
A4.08

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ALLOWABLE OPENING AREA FOR EXTERIOR WALL BASED ON FIRE SEPARATION DISTANCE - CBC TABLE 705.8 .

- THERE IS NO LIMIT ON THE ALLOWABLE OPENING AREA, THE FIRE SEPARATION DISTANCE IS GREATER THAN 25 FEET TO THE CENTERLINE OF THE ADJACENT PUBLIC WAY (HIGHWAY 101)

Ⓐ NORTH ELEVATION

NORTH 0 2' 4' 6' 8' 16'

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BUILDING 1 - ALLOWABLE OPENINGS (NORTH ELEVATION)
A4.09

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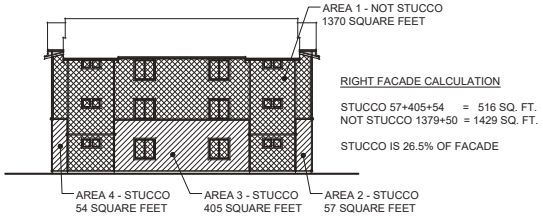
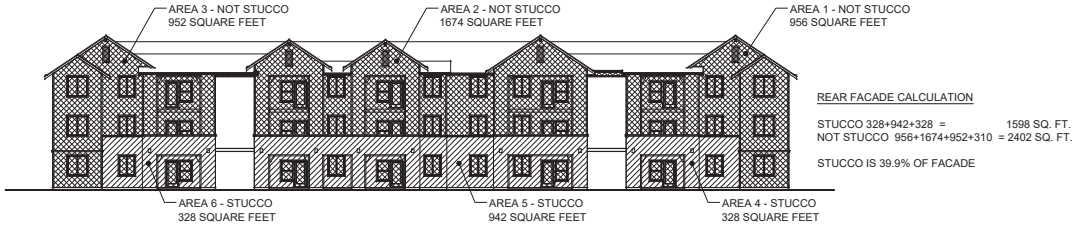
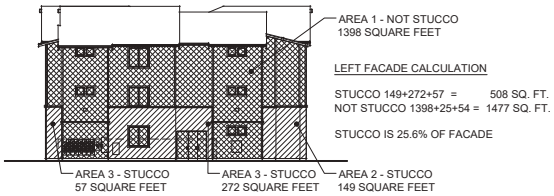


Ⓒ WEST ELEVATION



Ⓑ SOUTH ELEVATION



Ⓒ EAST ELEVATION

Ⓐ NORTH ELEVATION (FRONT)

NORTH 0 4' 8' 12' 16' 32'

399.265 Sheridan Drive Apartments
Menlo Park, CA
September 9, 2024

BUILDING 2 - STUCCO ANALYSIS
A4.10

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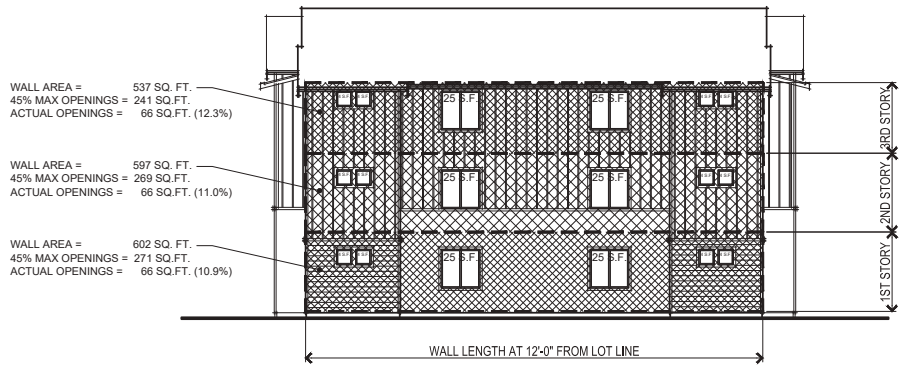

Ⓐ WEST ELEVATION

ALLOWABLE OPENING AREA FOR EXTERIOR WALL BASED ON FIRE SEPARATION DISTANCE - CBC TABLE 705.8 .

- THERE IS NO LIMIT ON THE ALLOWABLE OPENING AREA, THE FIRE SEPARATION DISTANCE IS GREATER THAN 25 FEET TO THE CENTERLINE OF THE ADJACENT PUBLIC WAY (FLOOD PARK)

Ⓑ SOUTH ELEVATION (PARK)

NORTH

0 2' 4' 6' 8' 16'

399.265 Sheridan Drive Apartments
Menlo Park, CA
September 9, 2024

BUILDING 2 - ALLOWABLE OPENINGS (SOUTH & WEST ELEVATION)
A4.11

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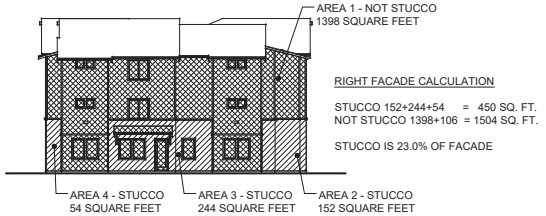
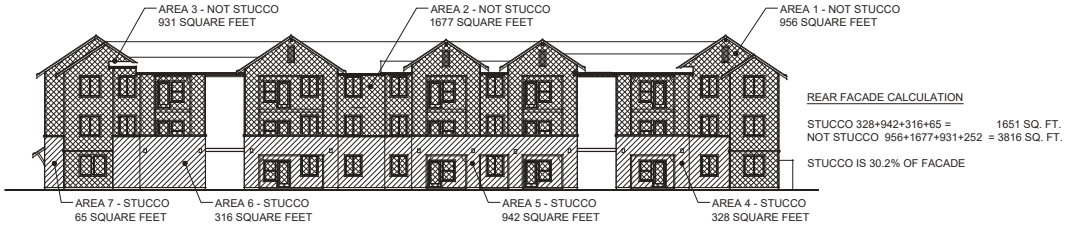
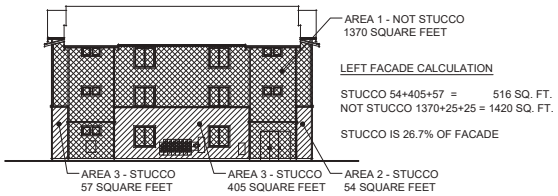


Ⓒ WEST ELEVATION



Ⓑ SOUTH ELEVATION



Ⓒ EAST ELEVATION

Ⓐ NORTH ELEVATION (FRONT)

NORTH 0 4' 8' 12' 16' 32'

399.265 Sheridan Drive Apartments
Menlo Park, CA
September 9, 2024

BUILDING 3 - STUCCO ANALYSIS
A4.12

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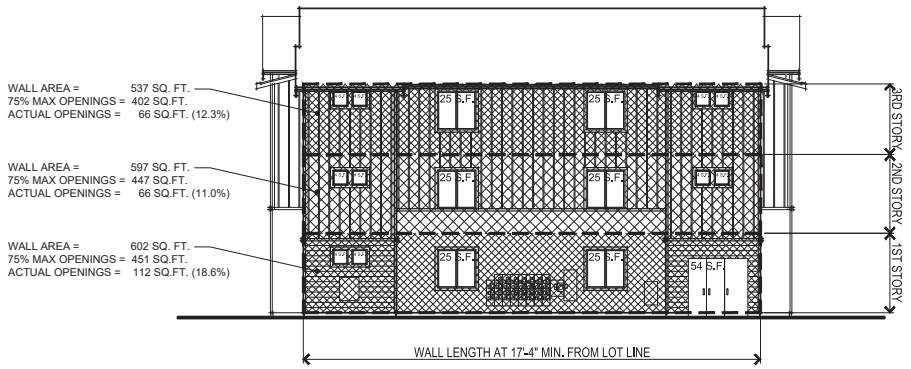

Ⓐ EAST ELEVATION

ALLOWABLE OPENING AREA FOR EXTERIOR WALL BASED ON FIRE SEPARATION DISTANCE - CBC TABLE 705.8 .

- THERE IS NO LIMIT ON THE ALLOWABLE OPENING AREA, THE FIRE SEPARATION DISTANCE IS GREATER THAN 25 FEET TO THE CENTERLINE OF THE ADJACENT PUBLIC WAY (FLOOD PARK)

Ⓑ SOUTH ELEVATION (PARK)

0 2' 4' 6' 8' 16'

399.265 Sheridan Drive Apartments
Menlo Park, CA
September 9, 2024

BUILDING 3 - ALLOWABLE OPENINGS (SOUTH & EAST ELEVATION)
A4.13

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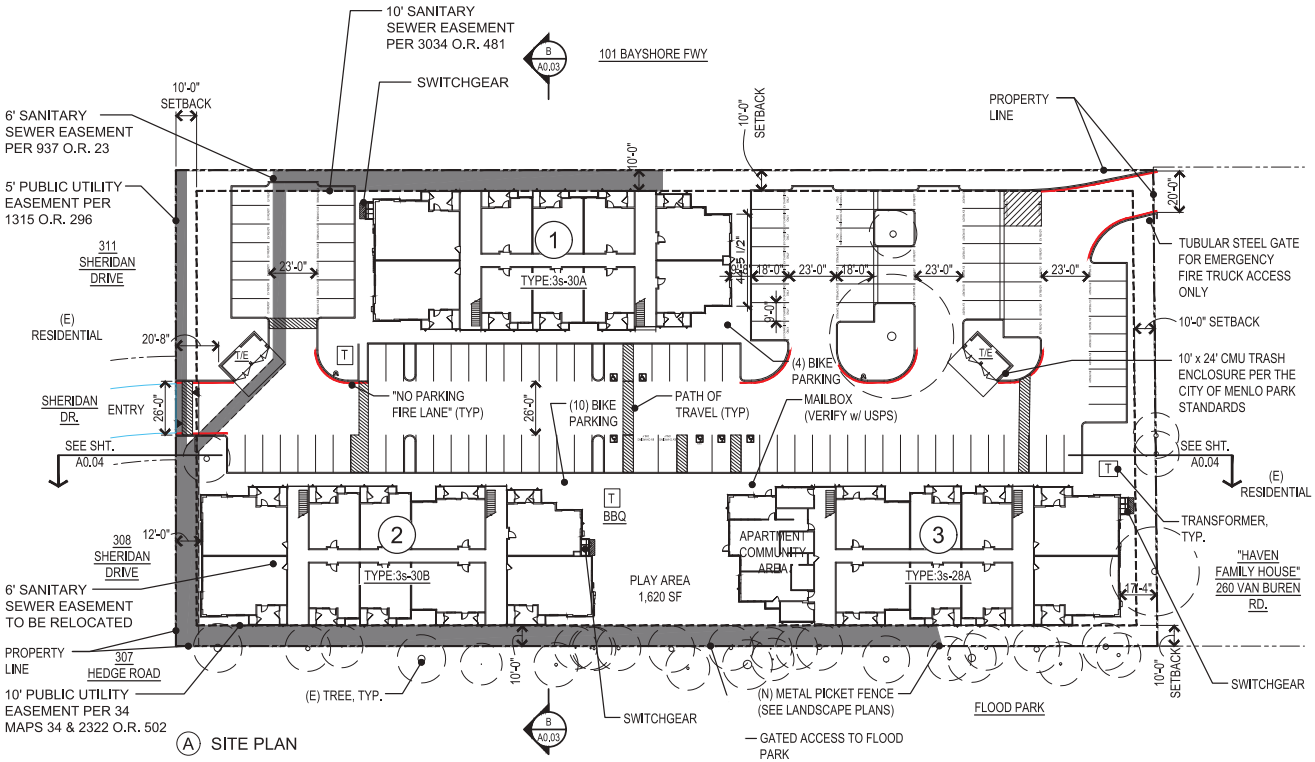

A SITE PLAN

B MAIL BOX AND BUILDING ADDRESS

MAILBOX STATION

FINISH TO BE BLACK

NORTH

0 5' 10' 20' 30' 60'

399.265 Sheridan Drive Apartments
Menlo Park, CA
September 9, 2024

POSTAL MAILBOX EXHIBIT
A4.14

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LEED BD+C: Homes and Multifamily Lowrise v4 - LEED v4

Sheridan Drive Apartments Scorecard (ID:)

Project Address: , Sheridan Drive Apartments, 321 Sheridan Drive Menlo Park, CA

Total			Certification Level:	Not Certified		Verified	0
Integrative Process			Preliminary	Y	2 of 2		Verified	0
IPc	Integrative Process				2 of 2	0		
Location and Transportation			Preliminary	Y	8 of 15		Verified	0
LTp	Floodplain Avoidance				Required			Not Verified
LTc	LEED for Neighborhood Development				0 of 15	0		
LTc	Site Selection				5 of 8	1		
LTc	Compact Development				3 of 3	1		
LTc	Community Resources				0 of 2	1		
LTc	Access to Transit				0 of 2	1		
Sustainable Sites			Preliminary	Y	4 of 7		Verified	0
SSp	Construction Activity Pollution Prevention				Required			Not Verified
SSp	No Invasive Plants				Required			Not Verified
SSc	Heat Island Reduction				0 of 2	1		
SSc	Rainwater Management				2 of 3	0		
SSc	Nontoxic Pest Control				2 of 2	0		
Water Efficiency			Preliminary	Y	10 of 12		Verified	0
WEp	Water Metering				Required			Not Verified
WEc	Total Water Use				0 of 12	0		
WEc	Indoor Water Use				6 of 6	0		
WEc	Outdoor Water Use				4 of 4	0		
Energy and Atmosphere			Preliminary	Y	14 of 38		Verified	0
EAp	Minimum Energy Performance				Required			Not Verified
EAp	Energy Metering				Required			Not Verified
EAp	Education of the Homeowner, Tenant or Building Manager				Required			Not Verified
EAc	Annual Energy Use				9 of 29	0		
EAc	Efficient Hot Water Distribution System				2 of 5	0		
EAc	Advanced Utility Tracking				1 of 2	1		
EAc	Active Solar Ready Design				0 of 1	1		
EAc	HVAC Start-Up Credentialing				0 of 1	1		
EAc	Lighting				0 of 2	0		
EAc	High-Efficiency Appliances				2 of 2	0		

Materials and Resources			Preliminary	Y	3 of 13		Verified	0
MRp	Certified Tropical Wood				Required			Not Verified
MRp	Durability Management				Required			Not Verified
MRc	Durability Management Verification				1 of 1	0		
MRc	Environmentally Preferable Products				1 of 4	0		
MRc	Construction Waste Management				1 of 3	0		
MRc	Material-Efficient Framing				0 of 2	0		
Indoor Environmental Quality			Preliminary	Y	11.5 of 16		Verified	0
EQp	Ventilation				Required			Not Verified
EQp	Combustion Venting				Required			Not Verified
EQp	Garage Pollutant Protection				Required			Not Verified
EQp	Radon-Resistant Construction				Required			Not Verified
EQp	Air Filtering				Required			Not Verified
EQp	Environmental Tobacco Smoke				Required			Not Verified
EQp	Compartmentalization				Required			Not Verified
EQc	Enhanced Ventilation				3 of 3	0		
EQc	Contaminant Control				0.5 of 2	0		
EQc	Balancing of Heating and Cooling Distribution Systems				1 of 3	1		
EQc	Enhanced Compartmentalization				0 of 1	0		
EQc	Enhanced Combustion Venting				2 of 2	0		
EQc	Enhanced Garage Pollutant Protection				2 of 2	0		
EQc	Low-Emitting Products				3 of 3	0		
Innovation			Preliminary	Y	1 of 6		Verified	0
INp	Preliminary Rating				Required			Not Verified
INc	Innovation				0 of 5	0		
INc	LEED Accredited Professional				1 of 1	0		
Regional Priority			Preliminary	Y	0 of 4		Verified	0
RPc	Regional Priority				0 of 4	0		

Point Floors	
The project earned at least 8 points total in Location and Transportation and Energy and Atmosphere	No
The project earned at least 3 points in Water Efficiency	No
The project earned at least 3 points in Indoor Environmental Quality	No

Total			Preliminary	Y	53.5 of 110		Verified	0

Certification Thresholds Certified: 40-49, Silver: 50-59, Gold: 60-79, Platinum: 80-110

PARKING SUMMARY				
Parking				108
Accessible Stalls - CBC 11B-208.2.3.2		2%	3	5
Accessible Stalls - Van				1
Accessible EV Chargers - 5% (EVSC)				1
Accessible EV Chargers - Van (EVSC)				1
Total Proposed Parking Spaces				**116**
Total Required SDBL	Per 1 SPACES PER 1 BED UNIT	1	42	42
	Per 1.5 SPACES PER 2 & 3 BED UNIT	1.5	46	69
				111

EV PARKING SUMMARY		
		Total
EV Capable - 10% (EVC)	13	13
EV Ready - 25% (EVR)	29	29
EV Chargers - 5% (EVSC)	7	7
Accessible EV Chargers - 5% (EVSC)	1	1
Accessible EV Chargers - Van (EVSC)	1	1
Total		**51**

BICYCLE PARKING:

SHORT TERM: 14 BICYCLE PARKING
LONG TERM: 88 BICYCLE PARKING IN UNIT STORAGE ON BALCONY

AREAS:

HARDSCAPE AREA: 80,024 S.F.
LANDSCAPE AREA: 28,700 S.F.

399.265 Sheridan Drive Apartments
Menlo Park, CA
September 9, 2024

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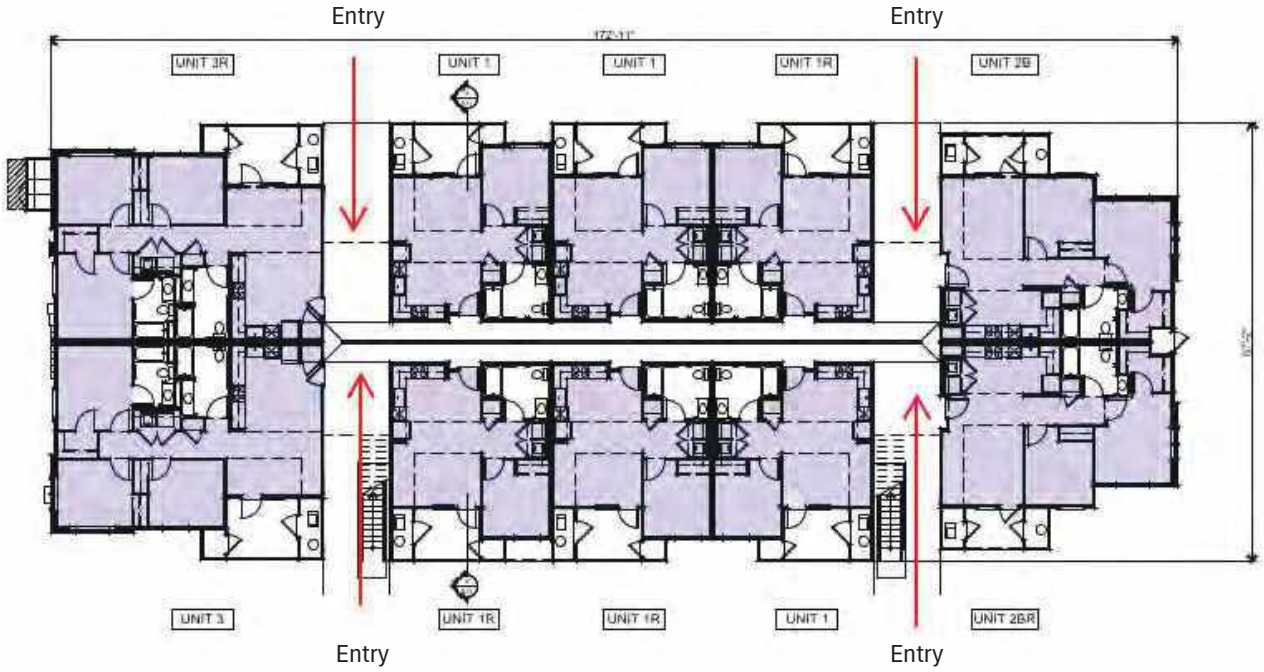
LEED Site Plan
A5.02



Residential Building Floor Plan, Typ.

Community Center Floor Plan

Regularly Occupied Space Table

Spaces	Number of units	Total SF	Unoccupied Spaces	Regularly Occupied Spaces per Unit	Total Occupied Spaces per Unit
1 Bedroom Unit	42	600	100	500	21000
2 Bedroom Unit	12	848	207	641	7692
	11	860	176	684	7524
3 Bedroom Unit	23	1118	259	859	19757
Community Center	1	22717	315	22402	22402
Total Area of Regularly Occupied space					78375

LEED Floor Plan legend

- Shared / Multi-Occupant spaces
- Individual / Single-occupant spaces
- Trash / Recycling area
- Janitor / Laundry Room
- Primary Entry / Exit
- Secondary Entry / Exit
- Emergency Exit only

399.265 Sheridan Drive Apartments
Menlo Park, CA
September 9, 2024

LEED Floor Plan
A5.03

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CRRC PROD ID.	MANUFACTURER	BRAND AND MODEL	PRODUCT TYPE	COLOR	SOLAR REFLECTANCE		THERMAL EMITTANCE		SRI	
					INITIAL	3 YEAR	INITIAL	3 YEAR	INITIAL	3 YEAR
0676-0041a	GAF	**Timberline® Cool Series®** Cool Barkwood **Timberline CS®** Cool Barkwood	Asphalt Shingle	Brown	0.27	0.26	0.90	0.92	27	27
0676-0042a	GAF	**Timberline® Cool Series®** Weathered Wood **Timberline CS®** Weathered Wood	Asphalt Shingle	Multicolor	0.28	0.27	0.92	0.90	30	28

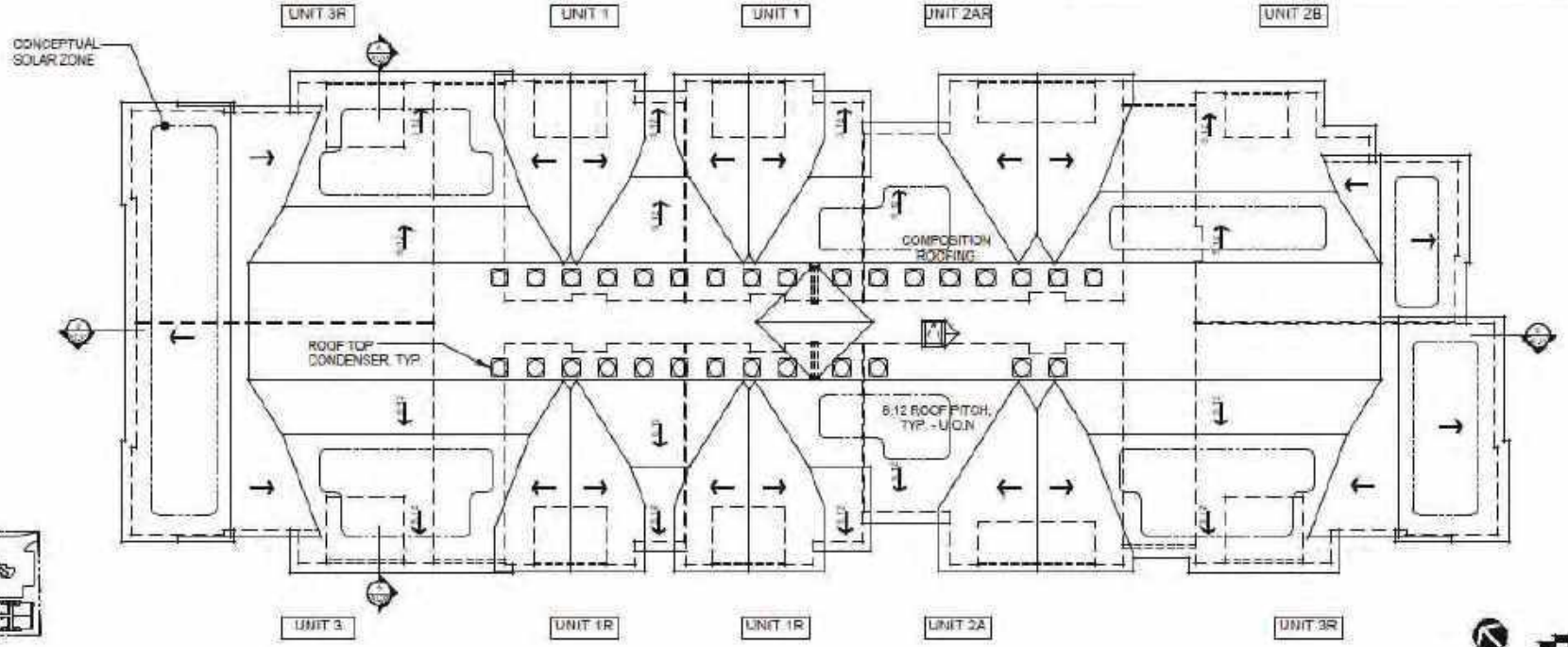
Composition Shingles
GAF Roofing
Weathered Wood

NOTE:

ROOFTOP EQUIPMENT WILL COMPLY WITH THE NOISE LIMITATION OF 50 dBA AT 50 FEET.

ROOF AREA CALCULATIONS:

ROOFING MEMBRANE:	11,729 S.F.
WALKING PAD:	479 S.F.
MECHANICAL EQUIPMENT:	188 S.F.
TOTAL:	12,396 S.F.



399.265
Sheridan Drive Apartments
Menlo Park, CA
September 9, 2024

LEED Roof Plan
A5.04

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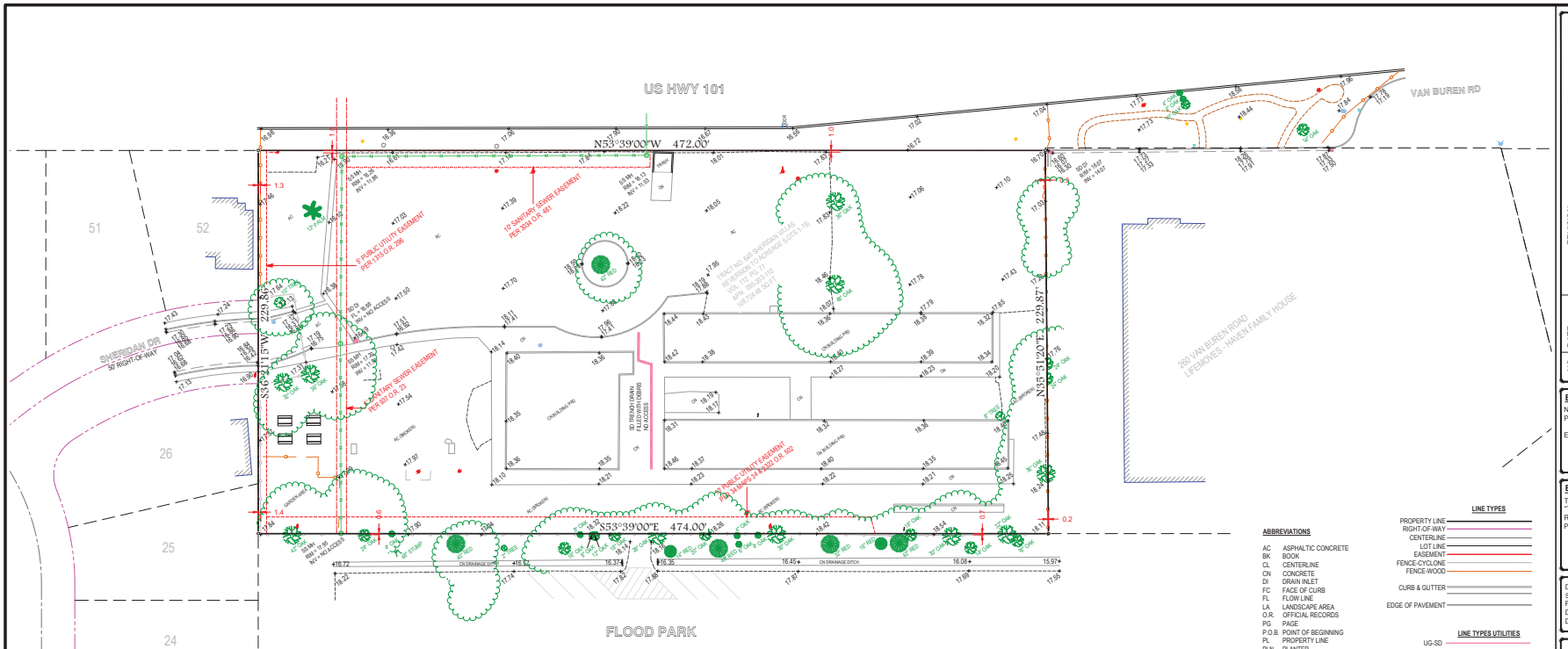


TITLE COMMITMENT

TITLE COMPANY: FIRST AMERICAN TITLE COMPANY

TITLE REPORT NUMBER: NCS-1102437-LA2

DATED: DECEMBER 13, 2021

THIS MAP WAS PREPARED IN ACCORDANCE WITH THE ABOVE REFERENCED TITLE REPORT, AND DEPICTS THE REAL PROPERTY AND PLOTTABLE ENCUMBRANCES DESCRIBED THEREIN. ***ITEMS PERTAINING TO TAXES, FINANCING, LIENS AND OTHER INTANGIBLE TITLE MATTERS ARE BEYOND THE SCOPE OF THIS SURVEY AND ARE NOT REPRESENTED HEREON.***

EASEMENTS

THE PROPERTY SHOWN AND DEPICTED HEREON IS SUBJECT TO THE TERMS AND CONDITIONS SET FORTH IN THE FOLLOWING RECORD DOCUMENTS. (REFER TO COMPLETE DOCUMENT FOR FULL DETAILS):

9. AN EASEMENT FOR RIGHT OF WAY 6 FEET WIDE FOR SEWER CROSSING AND INCIDENTAL PURPOSES, RECORDED DECEMBER 09, 1940 IN BOOK 937, PAGE 23 OF OFFICIAL RECORDS.
IN FAVOR OF: MENLO PARK SANITARY DISTRICT OF THE COUNTY OF SAN MATEO, A BODY POLITIC
AFFECTS: AS DESCRIBED THEREIN
10. AN EASEMENT FOR RIGHT OF WAY FOR TRANSMISSION AND DISTRIBUTION OF ELECTRICAL ENERGY AND TELEPHONE AND TELEGRAPH SERVICES AND INCIDENTAL PURPOSES, RECORDED JANUARY 06, 1947 IN BOOK 1315, PAGE 296 OF OFFICIAL RECORDS.
IN FAVOR OF: PACIFIC GAS AND ELECTRIC COMPANY AND PACIFIC TELEPHONE AND TELEGRAPH COMPANY, CALIFORNIA CORPORATIONS
AFFECTS: NORTHWESTERLY 5 FEET
11. EFFECT OF RECORDING MAP ENTITLED "TRACT NO. 646, SHERIDAN VILLAS, SAN MATEO COUNTY, CALIFORNIA", FILED MARCH 07, 1952 IN BOOK 34 OF MAPS, PAGE 34. SHERIDAN DRIVE IS DEDICATED TO PUBLIC USE BY SAID MAP; ALSO PUBLIC UTILITY EASEMENTS 10 FEET WIDE ALONG THE NORTHEASTERLY, SOUTHEASTERLY AND SOUTHWESTERLY BOUNDARIES OF PROPERTY HEREIN, AND PUBLIC UTILITY EASEMENT 6 FEET WIDE ALONG BOUNDARY BETWEEN LOTS 7 AND 8 ARE DEDICATED TO PUBLIC USE.
CERTIFICATE ON SAID MAP FURTHER RECITES: "WE (THE OWNERS) HEREBY RELINQUISH AND DEDICATE TO THE COUNTY OF SAN MATEO, ALL RIGHT OF INGRESS AND EGRESS OVER AND ACROSS THE NORTHEASTERLY BOUNDARY LINES OF LOTS 1 TO 7, INCLUSIVE. IT IS THE INTENTION OF THIS CERTIFICATE TO RELINQUISH SUCH RIGHTS OF INGRESS TO AND EGRESS FROM THE PROPERTY NORTHEASTERLY OF SAID LOTS, AS MAY BE APPURTENANT TO SAID MENTIONED LOTS." RESOLUTION NO. 6811 BY THE BOARD OF SUPERVISORS, COUNTY OF SAN MATEO, STATE OF CALIFORNIA
RECORDED: NOVEMBER 06, 1952
INSTRUMENT NO.: 40613-K IN BOOK 2322 OF OFFICIAL RECORDS, PAGE 502, RECORDS OF SAN MATEO COUNTY, CALIFORNIA, ABANDONS "SHERIDAN DRIVE, IN ITS ENTIRETY AS SHOWN ON SAID MAP; SIX FOOT WIDE PUBLIC UTILITY EASEMENT LYING BETWEEN LOTS 7 AND 8 IN SAID SUBDIVISION; AND TEN FOOT PUBLIC UTILITY EASEMENT ALONG THE REAR LOT LINES OF LOTS 1 THROUGH 9 INCLUSIVE, AS SHOWN ON SAID MAP."
12. AN EASEMENT FOR A PERPETUAL EASEMENT 10 FEET WIDE FOR SANITARY SEWER LINE AND INCIDENTAL PURPOSES, RECORDED JUNE 04, 1958 AS INSTRUMENT NO. 59038-N IN BOOK 3034, PAGE 481 OF OFFICIAL RECORDS.
IN FAVOR OF: THE MENLO PARK SANITARY DISTRICT OF THE COUNTY OF SAN MATEO, STATE OF CALIFORNIA, A BODY POLITIC
AFFECTS: PORTION OF THE NORTHEASTERLY BOUNDARY

SURVEY NOTES

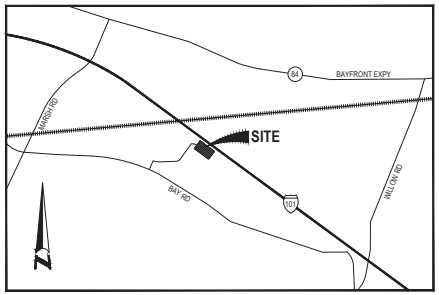
1. DUE TO A LACK OF AVAILABLE MONUMENTATION THIS BOUNDARY SURVEY WAS DEVELOPED FROM A DOUBLE SPLIT OF IMPROVEMENTS ALONG HEDGE ROAD, AS SHOWN ON "TRACT NO. 560 SUBURBAN PARK" RECORDED IN BOOK 25 OF MAPS AT PAGE 66, SAN MATEO COUNTY RECORDERS OFFICE.
2. THE NEAREST FIRE HYDRANTS ARE LOCATED 177 FEET TO THE NORTHWEST AT THE CORNER OF SHERIDAN DR AND HEDGE RD. AND 273 FEET SOUTHEAST AT THE HAVEN HOUSE TRAFFIC CIRCLE (NORTHWEST END OF VAN BUREN RD).
3. THIS PROPERTY IS LOCATED IN ZONE X (AREA OF MINIMAL FLOOD HAZARD) AND ZONE X (0.2% ANNUAL CHANCE FLOOD HAZARD), AS LOCATED ON FEMA FIRM MAP 06081C0306F DATED 4/5/2019.
4. I CERTIFY THAT THIS PARCEL'S BOUNDARY WAS ESTABLISHED BY ME OR UNDER MY SUPERVISION AND IS BASED ON A FIELD SURVEY IN CONFORMANCE WITH THE LAND SURVEYOR'S ACT. ALL MONUMENTS ARE OF THE CHARACTER AND OCCUPY THE POSITIONS INDICATED AND ARE SUFFICIENT TO ENABLE THIS SURVEY TO BE RETRACED.

REFERENCES

1. "TRACT NO. 560 SUBURBAN PARK" - 25 MAPS 66 (BASIS OF BEARINGS)
2. "TRACT NO. 646 SHERIDAN VILLAS" - 34 MAPS 34
3. "TRACT NO. 646 SHERIDAN VILLAS REVERSION TO ACREAGE" - VOL. 112 PG. 77
4. "RECORD OF SURVEY BELLE HAVEN CITY" - VOL. 8 PG. 75

VICINITY MAP

Not to Scale



ABBREVIATIONS

AC	ASPHALTIC CONCRETE
BK	BOOK
CL	CENTERLINE
CN	CONCRETE
DI	DRAIN INLET
FC	FACE OF CURB
FL	FLOW LINE
LA	LANDSCAPE AREA
O.R.	OFFICIAL RECORDS
PG	PAGE
P.O.B.	POINT OF BEGINNING
PL	PROPERTY LINE
PLN	PLANTER
P.U.E.	PUBLIC UTILITY EASEMENT
R.O.W.	RIGHT OF WAY
TBC	TOP BACK OF CURB
TBRC	TOP BACK ROLLED CURB
TE	TRASH ENCLOSURE
TYP	TYPICAL

LINE TYPES

PROPERTY LINE
RIGHT-OF-WAY
CENTERLINE
LOT LINE
EASEMENT
FENCE-CYCLONE
FENCE-WOOD
CURB & GUTTER
EDGE OF PAVEMENT

LINE TYPES UTILITIES

UG-SD
UG-SS
UG-H2O
UG-GAS
UG-TV
UG-TEL
UG-E
UNKNOWN
OVERHEAD

LEGEND

- FOUND MONUMENT AS DESCRIBED
- FOUND MONUMENT IN WELL AS DESCRIBED
- FOUND CUT "X" AS DESCRIBED
- DIMENSION POINT-NOTHING FOUND OR SET
- STORM DRAIN MANHOLE
- STORM DRAIN INLET
- STORM DRAIN CLEAN OUT
- SEWER MANHOLE
- SEWER CLEAN OUT
- FIRE HYDRANT
- FIRE DEPARTMENT CONNECTION
- WATER VALVE
- WATER BOX OR METER
- WATER VALVE ASSEMBLY
- WATER MANHOLE
- GROUND WATER MONITORING WELL
- ELECTRIC BOX OR VAULT
- PULL BOX
- TRANSFORMER
- UTILITY POLE
- LIGHT
- TRAFFIC SIGNAL
- ELECTRIC MANHOLE
- TELEPHONE/COMMUNICATION BOX
- TELEPHONE MANHOLE
- TELEVISION BOX
- TELEVISION MANHOLE
- GAS VALVE
- GAS METER
- SIGN
- ACCESSIBLE PARKING OR RAMP
- PARKING METER
- VAULT/BOX UNKNOWN
- MANHOLE UNKNOWN
- BOLLARD

NO.	DATE	REVISION

BENCHMARK:
NGS BENCHMARK: X572 RESET
PID - "DG6890"

ELEVATION = 9.30 FEET (NAVD88)

BASIS OF BEARINGS:
THE SAME AS THAT SHOWN ON "TRACT NO. 560 - SUBURBAN PARK" RECORDED IN BOOK 25 OF MAPS AT PAGE 66

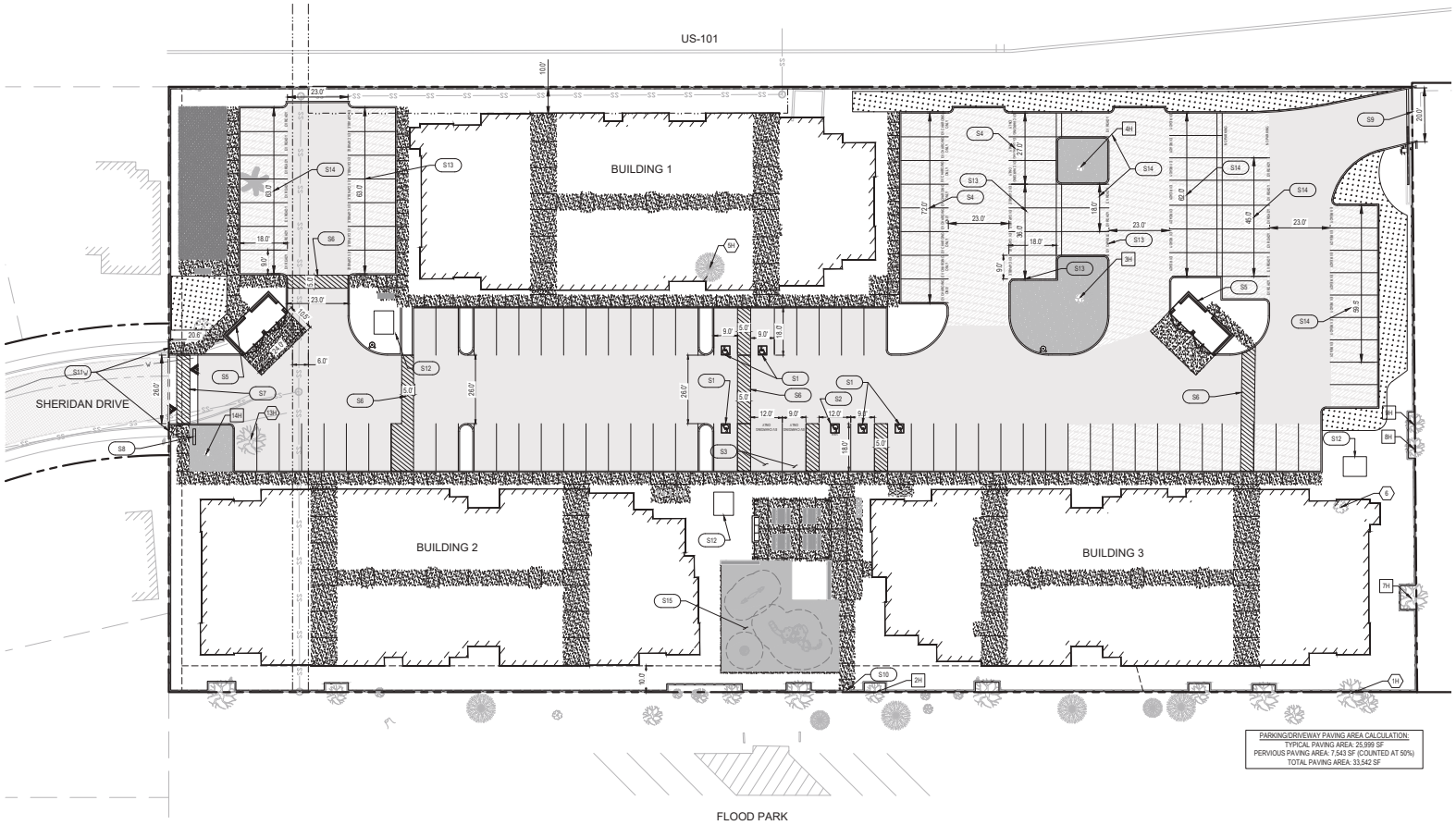
DATE: 07-01-2023
SCALE: 1" = 30'
FIELD BOOK: N/A
DRAWING NO. : 0149-002
DRAWN BY: J. Houston

BOUNDARY & TOPOGRAPHIC SURVEY

PROJECT
321 Sheridan Drive
City of Menlo Park, County of San Mateo
California

Morrow Surveying
LAND SURVEYORS
1255 Starboard Drive
West Sacramento ~ CA ~ 95691
Phone: 916-372-8124
Email: matt@morrowsurveying.com
www.morrowsurveying.com

SHEET 1 OF 1



LEGEND

- PROPERTY LINE
- EXISTING SANITARY SEWER EASEMENT
- EXISTING PUBLIC UTILITY EASEMENT
- CURB
- ASPHALT PAVEMENT
- BIORETENTION
- BUILDING FOOTPRINT
- TURF, SEE LANDSCAPE DETAILS.
- CONCRETE PAVING, SEE LANDSCAPE DETAILS.
- MULCH AROUND HERITAGE TREE, SEE LANDSCAPE DETAILS.
- RUBBERIZED PLAY SURFACING, SEE LANDSCAPE DETAILS.
- POROUS ASPHALT PAVING.

SITE PLAN KEY NOTES

- S1 STANDARD ACCESSIBLE PARKING.
- S2 STANDARD VAN ACCESSIBLE PARKING.
- S3 STANDARD ACCESSIBLE EVCS PARKING.
- S4 STANDARD EVCS PARKING.
- S5 TRASH ENCLOSURE WITH CONCRETE APRON.
- S6 STRIPED CROSSWALK, CURB RAMPS EITHER END.
- S7 RAISED CROSSWALK.
- S8 ENTRY SIGN.
- S9 GATE TO ADJACENT PROPERTY FOR EMERGENCY VEHICLE ACCESS ONLY.
- S10 PEDESTRIAN GATE TO FLOOD PARK.
- S11 CONNECT PROPOSED SIDEWALKS TO EXISTING SIDEWALKS ALONG SHERIDAN DRIVE.
- S12 PAD-MOUNTED TRANSFORMER.
- S13 EV CAPABLE PARKING STALL.
- S14 EV READY PARKING STALL.
- S15 PLAY AREA, SEE LANDSCAPE PLANS.

TREE LEGEND

- (X) EXISTING TREE TO BE REMOVED. TREE NUMBER CORRESPONDS TO ARBORIST REPORT.
- [X] EXISTING TREE TO BE PROTECTED. TREE NUMBER CORRESPONDS TO ARBORIST REPORT. PROVIDE TREE PROTECTION PER ARBORIST REPORT.

PLAN
SCALE: 1" = 20'-0"
0 10' 20' 40'
GRAPHIC SCALE

399.265 Sheridan Drive Apartments
Menlo Park, CA
October 17, 2024

PRELIMINARY SITE PLAN
C-1

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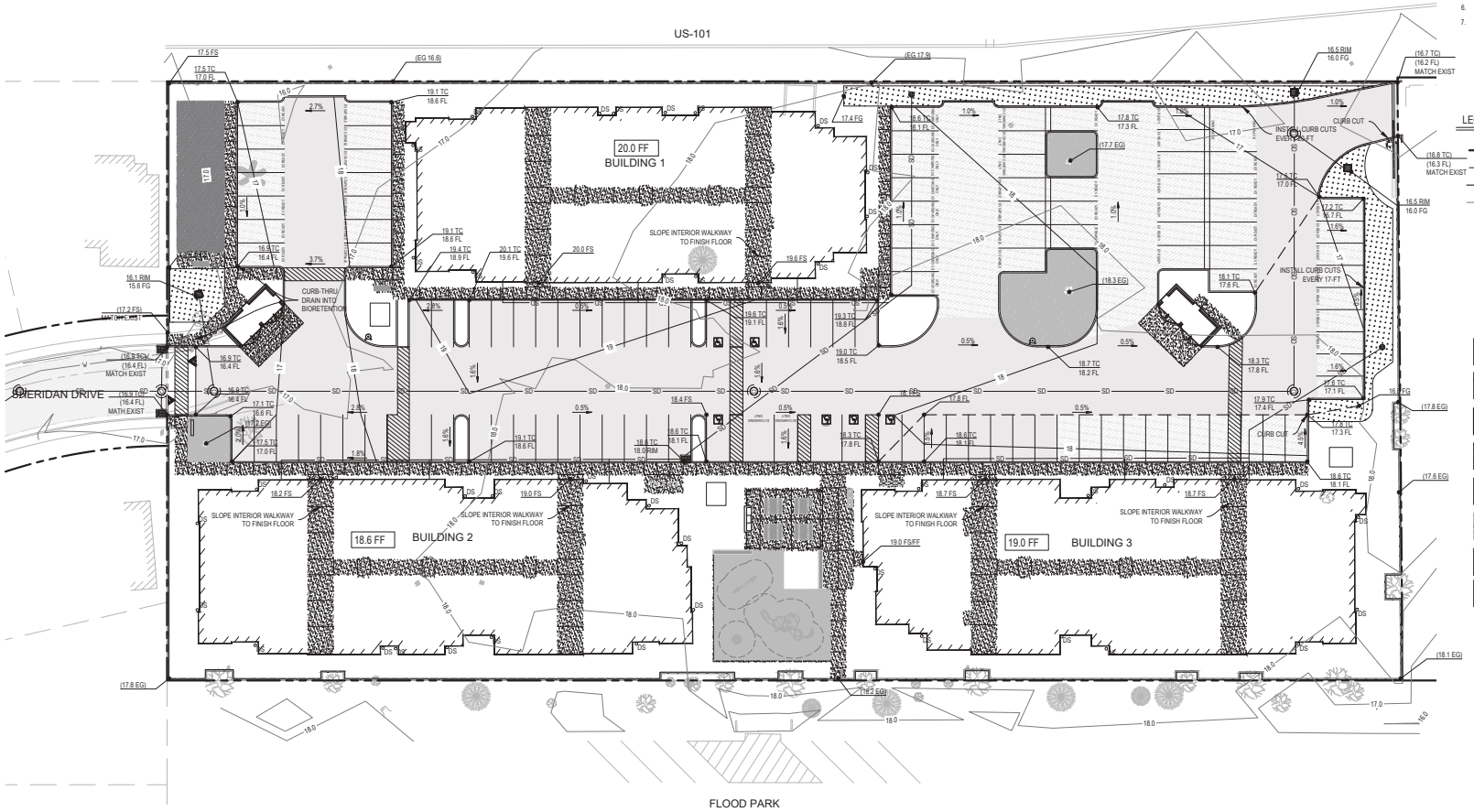
A60



GRADING GENERAL NOTES

1. PROVIDE STRAIGHT LINE GRADING BETWEEN SPOT ELEVATIONS AND CONTOUR LINES.
2. SURFACE CROSS SLOPES OF SIDEWALKS SHALL NOT EXCEED 2%.
3. FOUNDATION EXCAVATION SHOULD BE OBSERVED BY A GEOTECHNICAL ENGINEER.
4. EXCAVATIONS BELOW THE EXISTING TRENCHES SHOULD BE OUTSIDE AN IMAGINARY PLANE EXTENDING OUT AND DOWN FROM THE OUTSIDE-BOTTOM EDGE OF THE EXISTING TRENCH AT A SLOPE OF 1V:1H.
5. COORDINATE WITH LANDSCAPE PLANS FOR GRADING IN THE LANDSCAPE AREAS AND PLANTERS.
6. COORDINATE WITH LANDSCAPE PLANS FOR SIDEWALK FINISH.
7. ELEVATIONS SHOWN ARE TO TOP OF PAVEMENT, UNLESS OTHERWISE NOTED.

LEGEND

- PROPERTY LINE.
- GRADE BREAK.
- 100 PROPOSED CONTOUR
- 100 EXISTING CONTOUR
- FS 100.00 PROPOSED ELEVATION
- FS (100.0±) EXISTING ELEVATION
- 2.00% PROPOSED SLOPE
- (2.0%)± EXISTING SLOPE
- 100.0 FF FINISHED FLOOR ELEVATION
- ASPHALT PAVEMENT.
- BIORETENTION
- BUILDING FOOTPRINT
- TURF, SEE LANDSCAPE DETAILS.
- CONCRETE PAVING, SEE LANDSCAPE DETAILS.
- MULCH, SEE LANDSCAPE DETAILS.
- RUBBERIZED PLAY SURFACING, SEE LANDSCAPE DETAILS.
- POROUS ASPHALT PAVEMENT
- DS ROOF DOWNSPOUT LOCATION

PLAN
SCALE: 1" = 20'-0"
0 10' 20' 40'
GRAPHIC SCALE

399.265 Sheridan Drive Apartments
Menlo Park, CA
October 17, 2024

PRELIMINARY GRADING AND DRAINAGE PLAN
C-2

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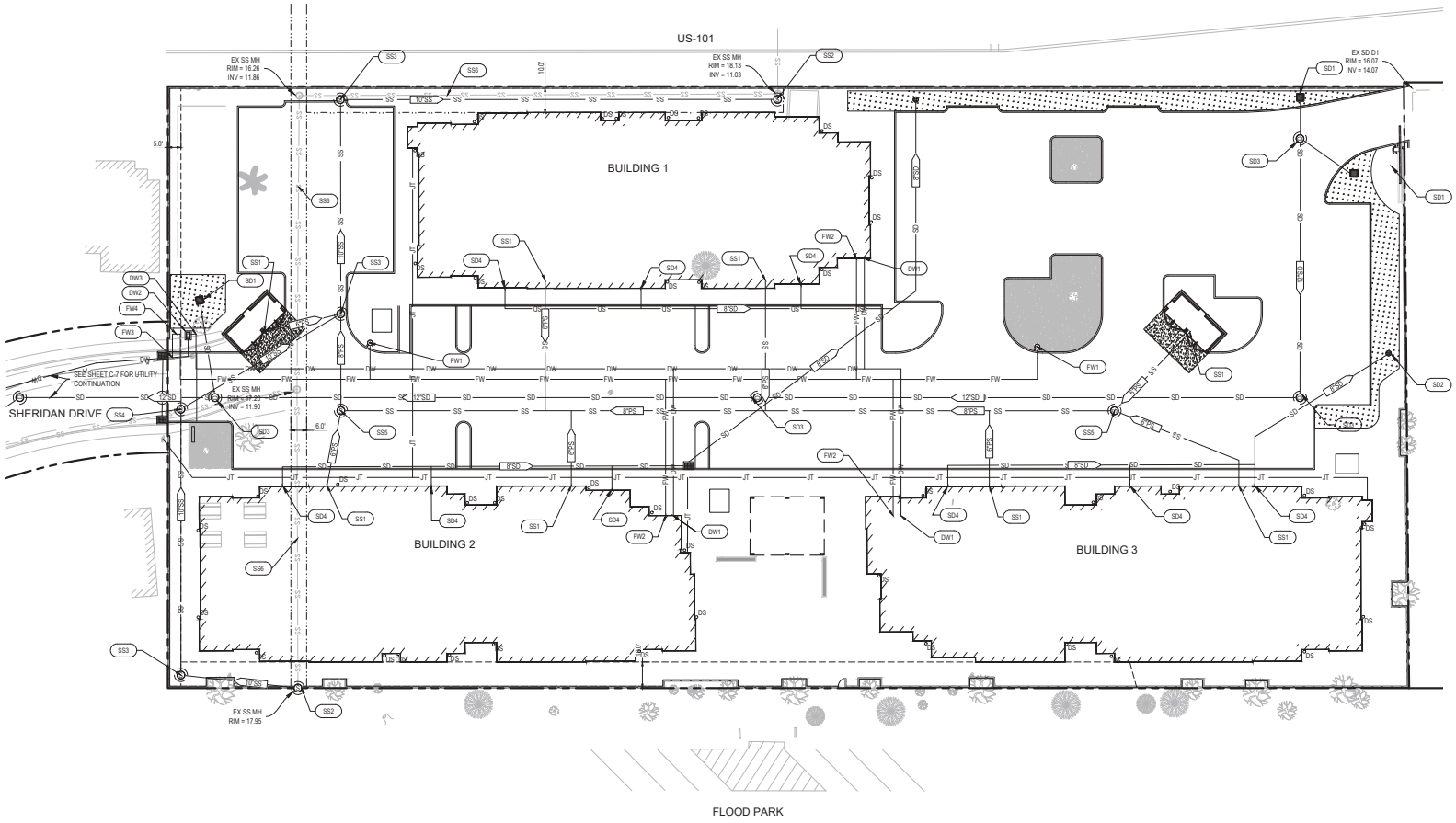

LEGEND

- PROPERTY LINE
- EXISTING SANITARY SEWER EASEMENT
- EXISTING PUBLIC UTILITY EASEMENT
- EXISTING SANITARY SEWER PIPE
- 10"SS — PUBLIC SEWER MAIN
- 10"PS — PRIVATE SEWER PIPE
- FW — 6" FIRE WATER PIPE
- DW — 6" DOMESTIC WATER PIPE
- JT — JOINT TRENCH UTILITIES
- EXISTING SANITARY SEWER MANHOLE
- EXISTING STORM DRAIN INLET
- SANITARY SEWER MANHOLE
- FIRE HYDRANT
- BIORETENTION
- BUILDING FOOTPRINT
- DS — ROOF DOWNSPOUT LOCATION

UTILITY PLAN KEY NOTES

FW1	FIRE HYDRANT.
FW2	FIRE WATER POINT OF CONNECTION TO BUILDING.
FW3	CONNECT FIRE WATER SERVICE TO PROPOSED 8" PVC WATER MAIN.
FW4	INSTALL RPDA DEVICE IN LANDSCAPING BEHIND SIDEWALK.
DW1	DOMESTIC WATER POINT OF CONNECTION TO BUILDING.
DW2	CONNECT DOMESTIC WATER SERVICE TO EXISTING 6" PVC WATER MAIN. INSTALL WATER METER BEHIND SIDEWALK.
DW3	INSTALL RP DEVICE IN LANDSCAPING BEHIND SIDEWALK.
SS1	SANITARY SEWER POINT OF CONNECTION TO BUILDING.
SS2	REPLACE EXISTING WBSD SEWER MANHOLE AND RE-ALIGN EXISTING 10" SEWER MAIN.
SS3	INSTALL NEW WBSD SEWER MANHOLE.
SS4	INSTALL NEW WBSD SEWER MANHOLE. INTERCEPT EXISTING SEWER MAIN FROM SHERIDAN DRIVE.
SS5	INSTALL NEW PRIVATE SEWER MANHOLE.
SS6	EXISTING SANITARY SEWER AND EASEMENT TO BE ABANDONED. SEWER SHALL BE REALIGNED AS SHOWN ON PLAN, WITH A NEW WBSD SEWER EASEMENT RECORDED.
SD1	24"X24" BIORETENTION OVERFLOW INLET, SET 6" ABOVE BIORETENTION BOTTOM.
SD2	POP-UP EMITTER STRUCTURE IN BIORETENTION. ROOF AND OTHER SURFACE DRAINAGE DISCHARGES INTO BIORETENTION FOR TREATMENT.
SD3	STORM DRAIN MANHOLE.
SD4	CONNECT ROOF DRAINS AND CONVEY TO BIORETENTION AREA FOR TREATMENT.

NOTES

1. IRRIGATION IN THE PUBLIC RIGHT OF WAY SHALL COMPLY WITH CITY STANDARD DETAILS LS-1 THROUGH LS-19 AND SHALL BE CONNECTED TO THE ON-SITE WATER SYSTEM.

PLAN
SCALE: 1" = 20'-0"
0 10' 20' 40'
GRAPHIC SCALE

399.265 Sheridan Drive Apartments
Menlo Park, CA
October 17, 2024

PRELIMINARY UTILITY PLAN
C-3

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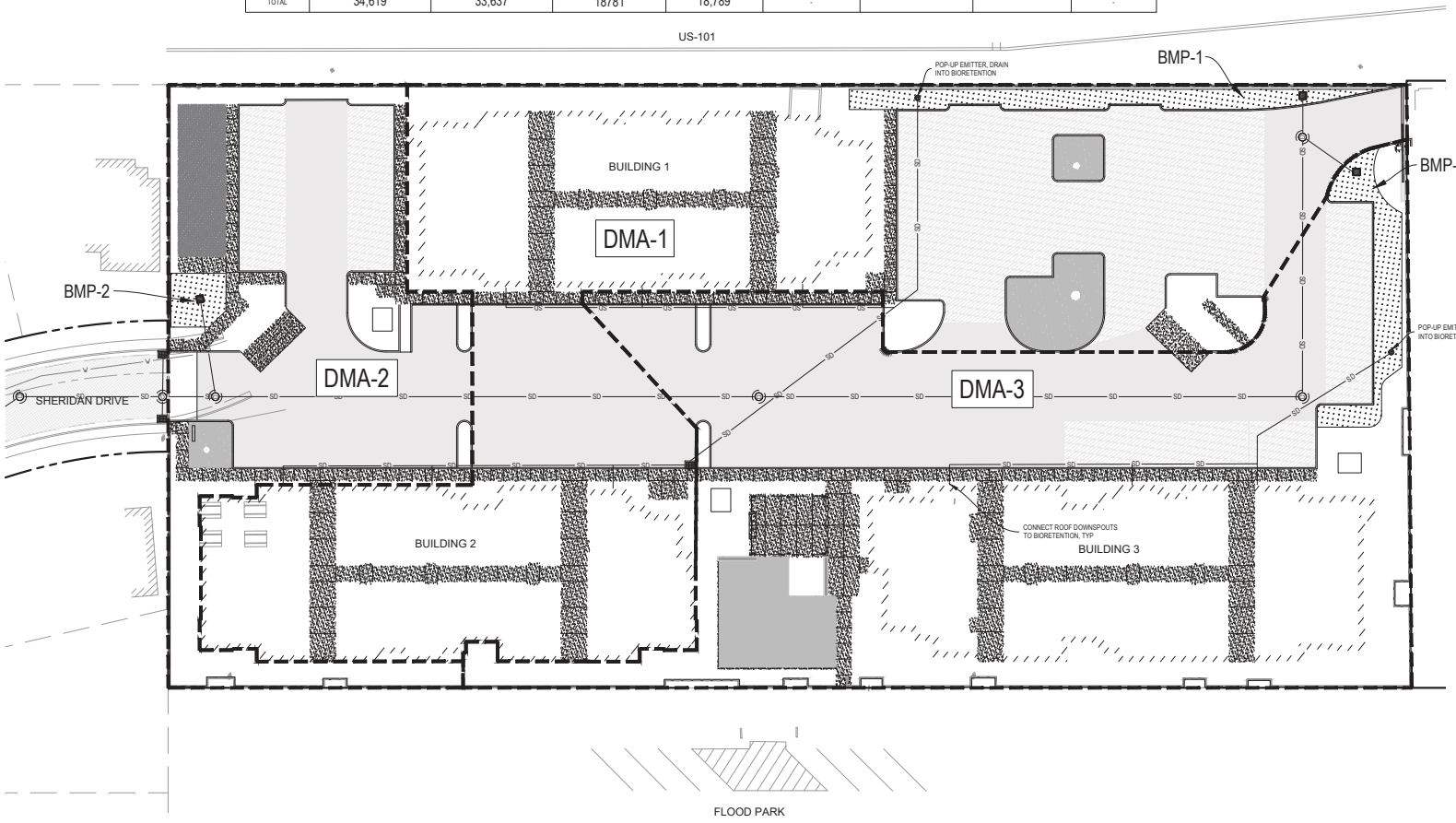
A62

DMA	ROOF AREA (SF)	IMPERVIOUS AREA (SF)	PERVIOUS AREA (SF)	LANDSCAPE (SF)	EFFECTIVE IMPERVIOUS AREA (SF)	REQUIRED BMP AREA (SF)	PROVIDED BMP AREA (SF)	BMP TYPE BIORETENTION
DMA-1	22,765	8719	10459	5,477	33,078	1,323	1,323	BMP-1
DMA-2	0	9,348	3835	4,274	10,159	406	411	BMP-2
DMA-3	11,854	15,570	4487	9,038	28777	1,151	1,156	BMP-3
TOTAL	34,619	33,637	18781	18,789	-			-



LEGEND

- PROPERTY LINE
- DMA BOUNDARY
- EXISTING TRENCH DRAIN
- EXISTING STORM DRAIN INLET
- ASPHALT PAVEMENT (IMPERVIOUS)
- BIORETENTION (BMP)
- BUILDING FOOTPRINT (IMPERVIOUS)
- TURF, SEE LANDSCAPE DETAILS. (PERVIOUS)
- CONCRETE PAVING, SEE LANDSCAPE DETAILS. (IMPERVIOUS)
- MULCH, SEE LANDSCAPE DETAILS. (PERVIOUS)
- RUBBERIZED PLAY SURFACING, SEE LANDSCAPE DETAILS. (PERVIOUS
- POROUS ASPHALT (PERVIOUS)

NOTES

1. SINCE THE PROJECT DISTURBS MORE THAN 1-ACRE, A CONSTRUCTION GENERAL PERMIT IS REQUIRED. SUBMIT A COPY OF NOTICE OF INTENT (NOI) AND STORMWATER POLLUTION PREVENTION PLAN (SWPPP) BEFORE A GRADING OR BUILDING PERMIT IS ISSUED.
2. PER THE CHANGES TO THE MUNICIPAL REGIONAL PERMIT 3.0, PROVISION C.3, IF THE SAMPLING OF THIS PROJECT FOR PCB's EXCEEDS THE THRESHOLD OF 50 PPM, THIS PROJECT SHALL BE SUBJECT TO MORE STRINGENT INSPECTION AND BMP REQUIREMENTS INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:
   - 2.1. DEMO PRE-CONSTRUCTION SWPPP INSPECTION.
   - 2.2. ONE MONTHLY SWPPP INSPECTION THROUGH WET AND DRY SEASON UNTIL DEMO IS COMPLETE.
   - 2.3. DAILY SWEEPING OF PROJECT AND ADJACENT STREETS DURING DEMOLITION PHASE USING VACUUM OR REGENERATIVE AIR SWEEPERS TO EFFECTIVELY REMOVE SEDIMENT, DUST AND DEBRIS THROUGHOUT THE GENERAL DEMOLITION PHASE.
   - 2.4. COVER DEMOLITION DEBRIS WITH AN IMPERMEABLE LINER (OR EQUIVALENT) AT ALL TIMES.
   - 2.5. ENHANCED BMP REQUIREMENTS ON ALL SWPPP'S IN BUILDING PERMIT DRAWING SETS

PLAN
SCALE: 1" = 20'-0"
0 10' 20' 40'
GRAPHIC SCALE

399.265 Sheridan Drive Apartments
Menlo Park, CA
October 17, 2024

PRELIMINARY STORMWATER CONTROL PLAN
C-4

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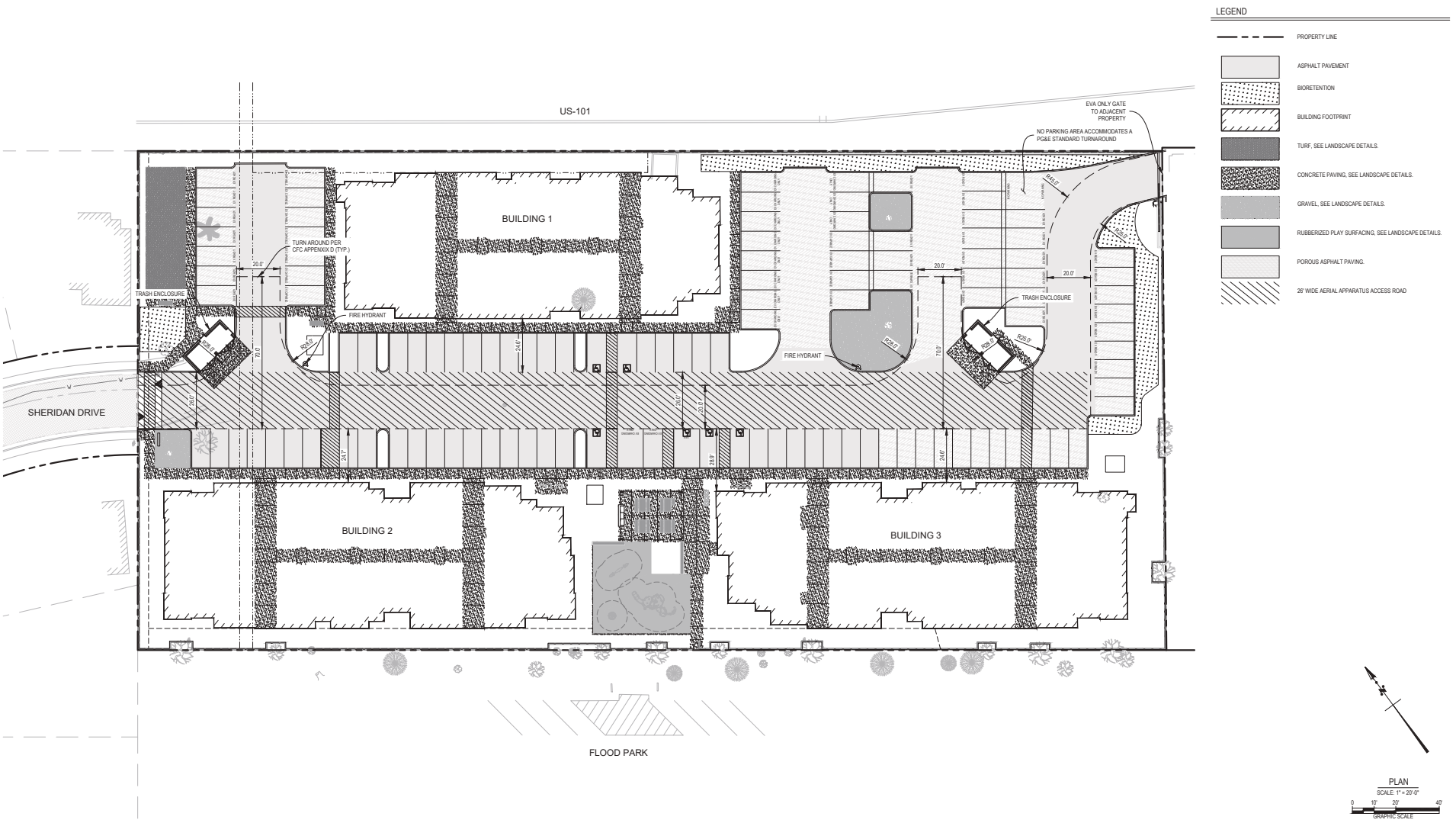

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Menlo Park, CA
October 17, 2024

PRELIMINARY VEHICULAR CIRCULATION PLAN
C-5

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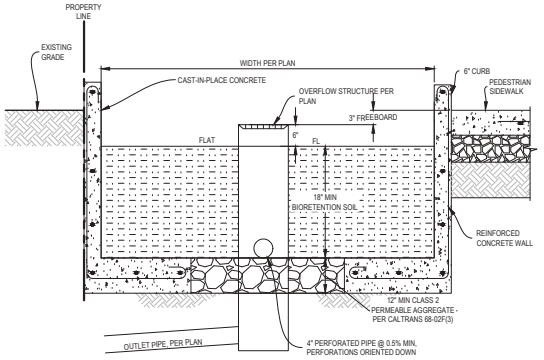
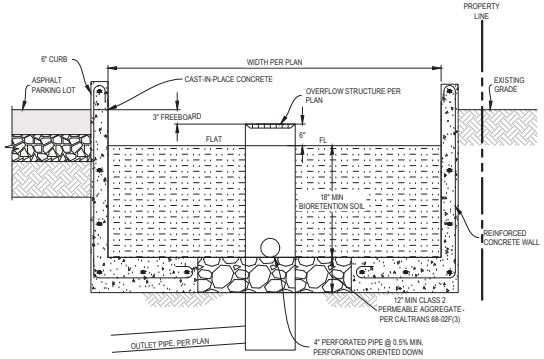


NOTES:

1. LAY PERFORATED PIPE ALONG FULL LENGTH OF PLANTER AND CONNECT TO OVERFLOW DRAIN. PROVIDE CLEANOUT AT OPPOSITE END.
2. AS NEEDED, PROVIDE CURB CUTS TO ALLOW SHEET FLOW DRAINAGE TO ENTER BIORETENTION AREA. PLACE APPROXIMATELY 24"x30" AREA OF COBBLE FOR EROSION PROTECTION AT CURB CUT.

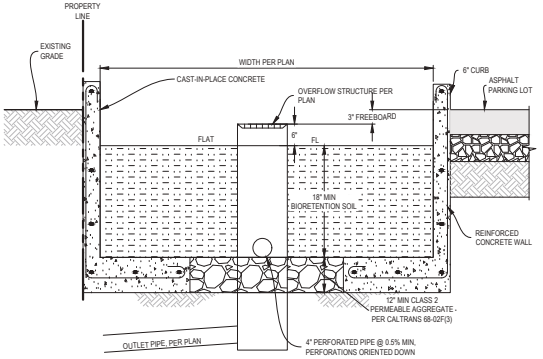
2 BIORETENTION AREA (BMP-2)
N.T.S.



NOTES:

1. LAY PERFORATED PIPE ALONG FULL LENGTH OF PLANTER AND CONNECT TO OVERFLOW DRAIN. PROVIDE CLEANOUT AT OPPOSITE END.
2. AS NEEDED, PROVIDE CURB CUTS TO ALLOW SHEET FLOW DRAINAGE TO ENTER BIORETENTION AREA. PLACE APPROXIMATELY 24"x30" AREA OF COBBLE FOR EROSION PROTECTION AT CURB CUT.

3 BIORETENTION AREA (BMP-3)
N.T.S.



NOTES:

1. LAY PERFORATED PIPE ALONG FULL LENGTH OF PLANTER AND CONNECT TO OVERFLOW DRAIN. PROVIDE CLEANOUT AT OPPOSITE END.
2. AS NEEDED, PROVIDE CURB CUTS TO ALLOW SHEET FLOW DRAINAGE TO ENTER BIORETENTION AREA. PLACE APPROXIMATELY 24"x30" AREA OF COBBLE FOR EROSION PROTECTION AT CURB CUT.

1 BIORETENTION AREA (BMP-1)
N.T.S.

399.265 Sheridan Drive Apartments
Menlo Park, CA
October 17, 2024

PRELIMINARY DETAILS
C-6

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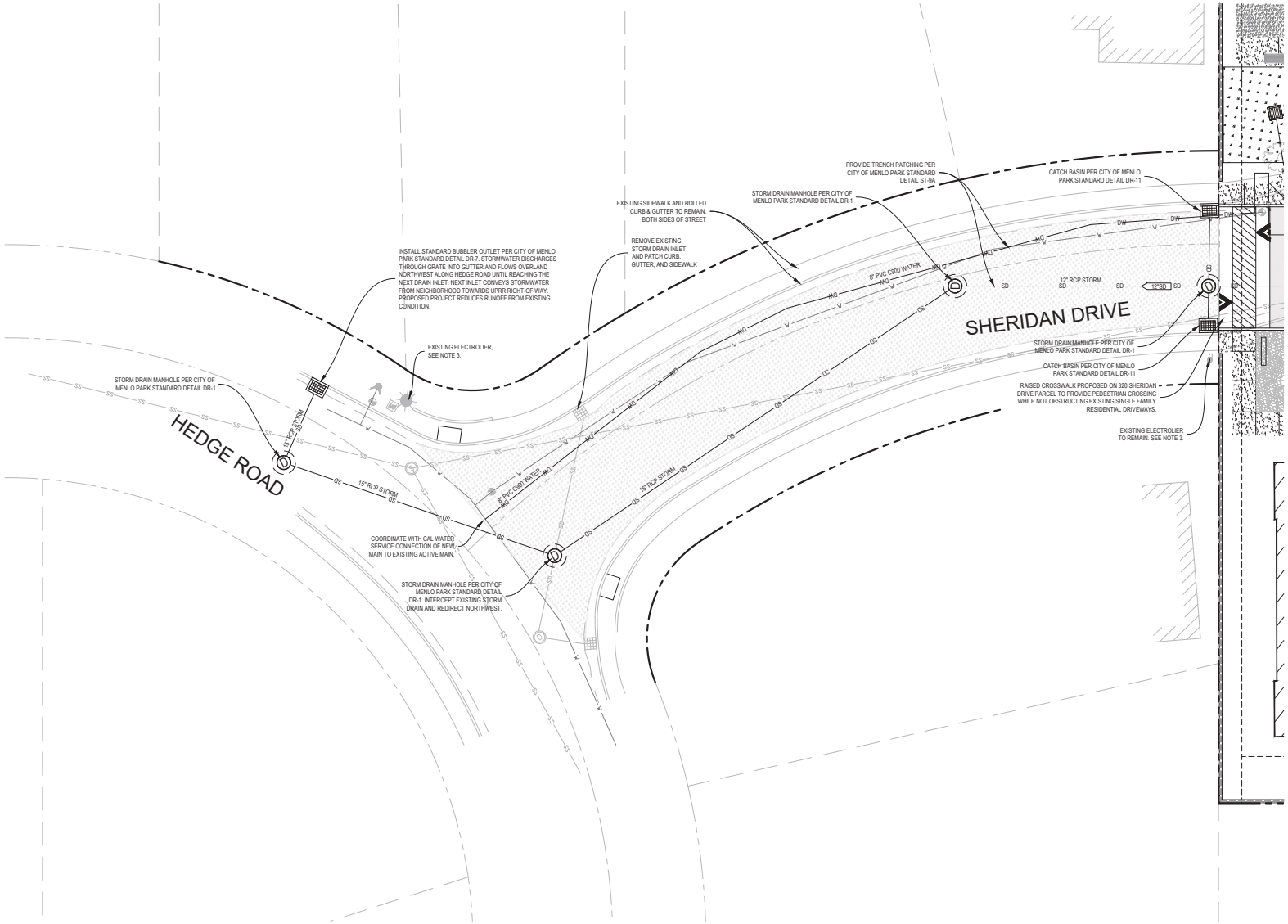

LEGEND

- PROPERTY LINE
- CURB
- ASPHALT PAVEMENT
- BIORETENTION
- CONCRETE PAVING, SEE LANDSCAPE DETAILS.
- 3" ASPHALT GRIND & OVERLAY

NOTES

1. CONTRACTOR SHALL REMOVE AND REPLACE ANY CRACKED, DEPRESSED, UPLIFTED OR OTHERWISE DAMAGED IMPROVEMENTS (I.E. VALLEY GUTTER, SIDEWALK, ETC) ALONG THE ENTIRETY OF SHERIDAN DRIVE.
2. ANY IMPROVEMENTS ALONG THE ENTIRETY OF SHERIDAN DRIVE WHICH ARE DAMAGED AS A RESULT OF CONSTRUCTION SHALL BE REPLACED.
3. EXISTING STREET LIGHT TO BE UPGRADED: POLE SHALL BE PAINTED COLOR "MESA BROWN", AND FIXTURE SHALL BE REPLACED WITH LED FIXTURE COMPLIANT WITH PG&E STANDARDS.
4. ALL STORM DRAIN STRUCTURES AND PIPING WITHIN THE PUBLIC RIGHT-OF-WAY SHALL BE OWNED & MAINTAINED BY THE CITY OF MENLO PARK.
5. THE APPLICANT WILL WORK WITH CITY TO PERFORM ADDITIONAL TESTING TO CONFIRM THAT THE PROPOSED STORM DRAIN LAYOUT FUNCTIONS AS ANTICIPATED. THIS INCLUDES PERFORMING A WATER FLOW TEST AND INVESTIGATING THE CONDITION AND CAPACITY OF THE STORM DRAIN ON HEDGE ROAD.
6. WATER METERS MUST BE POSITIONED BEHIND THE SIDEWALK TO COMPLY WITH DESIGN REQUIREMENTS. PLACEMENT WITHIN THE SIDEWALK AREA IS UNACCEPTABLE BECAUSE IT CREATES UNEVEN SURFACES, WHICH ARE HAZARDOUS TO PEDESTRIANS. IF SPACE IS LIMITED BEHIND THE SIDEWALK, CONSIDER CONSOLIDATING THE METERS INTO A SINGLE MASTER METER WITH SUBMETERS. CONFIRM THAT THE LOCATION OF THE WATER METER(S) HAS BEEN VERIFIED WITH CALWATER.

PLAN
SCALE: 1" = 10'-0"
0 5' 10' 20'
GRAPHIC SCALE

399.265 Sheridan Drive Apartments
Menlo Park, CA
October 17, 2024

PRELIMINARY FRONTAGE IMPROVEMENT PLAN
C-7

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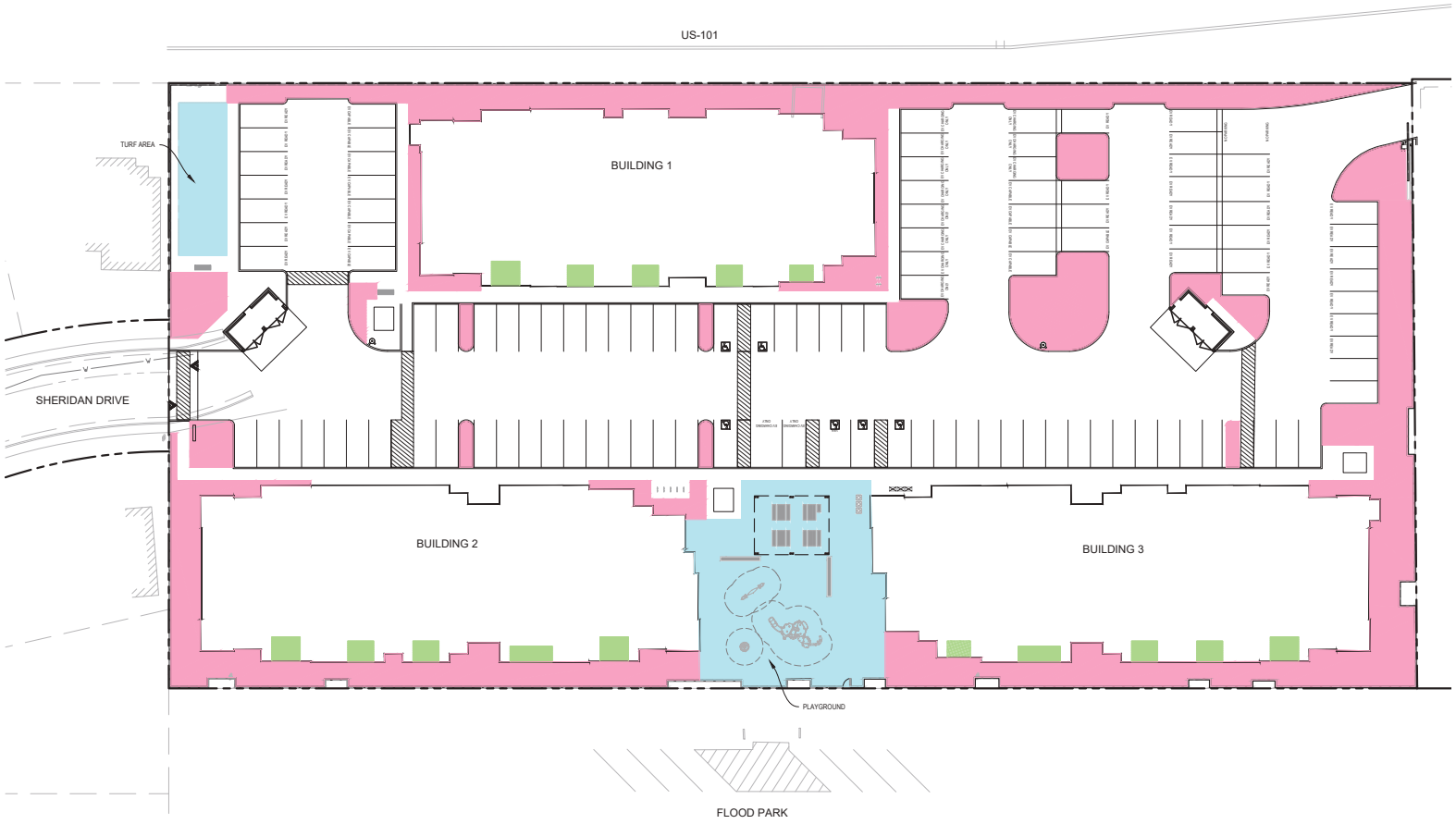

LEGEND

- PROPERTY LINE
- PATIO, ALL 3 FLOORS (PRIVATE OPEN SPACE)
- PATIO, TOP 2 FLOORS ONLY (PRIVATE OPEN SPACE)
- PROGRAMMED COMMON OPEN SPACE
- LANDSCAPED COMMON OPEN SPACE

OPEN SPACE CALCULATIONS

PRIVATE OPEN SPACE CALCULATIONS

L1: STOOP PATIOS (28), TOTAL = 2,340 SF
L2: BALCONY PATIOS (15), TOTAL = 1,265 SF
L3: BALCONY PATIOS (15), TOTAL = 1,265 SF

TOTAL PRIVATE OPEN SPACE = 4,870 SF

TOTAL PRIVATE OPEN SPACE / TOTAL UNITS = 4,870 SF / 88 UNITS = 55.3 SF / UNIT

REQUIRED PRIVATE OPEN SPACE / UNIT = 80 SF / UNIT

TOTAL PRIVATE OPEN SPACE / UNIT < REQUIRED PRIVATE OPEN SPACE / UNIT ----> CALC TOTAL O.S.

COMMON OPEN SPACE CALCULATIONS

L1 TURF AREA = 1,060 SF
L1 PLAYGROUND = 5,088 SF

TOTAL PROGRAMMED COMMON OPEN SPACE = 6,148 SF

TOTAL LANDSCAPED COMMON OPEN SPACE = 16,900 SF

SUMMARY
TOTAL SITE AREA = 108,724 SF
TOTAL PRIVATE OPEN SPACE AREA = 4,870 SF (4.5%)
TOTAL PROGRAMMED COMMON OPEN SPACE AREA = 6,148 SF (5.7%)
TOTAL LANDSCAPED COMMON OPEN SPACE AREA = 16,900 SF (15.5%)
TOTAL OPEN SPACE AREA = 27,918 SF (25.7%)

REQUIRED TOTAL OPEN SPACE AREA = 25% OF SITE AREA = 27,181 SF

TOTAL OPEN SPACE AREA > REQUIRED TOTAL OPEN SPACE AREA ----> OKAY

PLAN
SCALE: 1" = 20'-0"
0 10' 20' 40'
GRAPHIC SCALE

399.265 Sheridan Drive Apartments
Menlo Park, CA
October 17, 2024

OPEN SPACE CALCULATIONS
C-8

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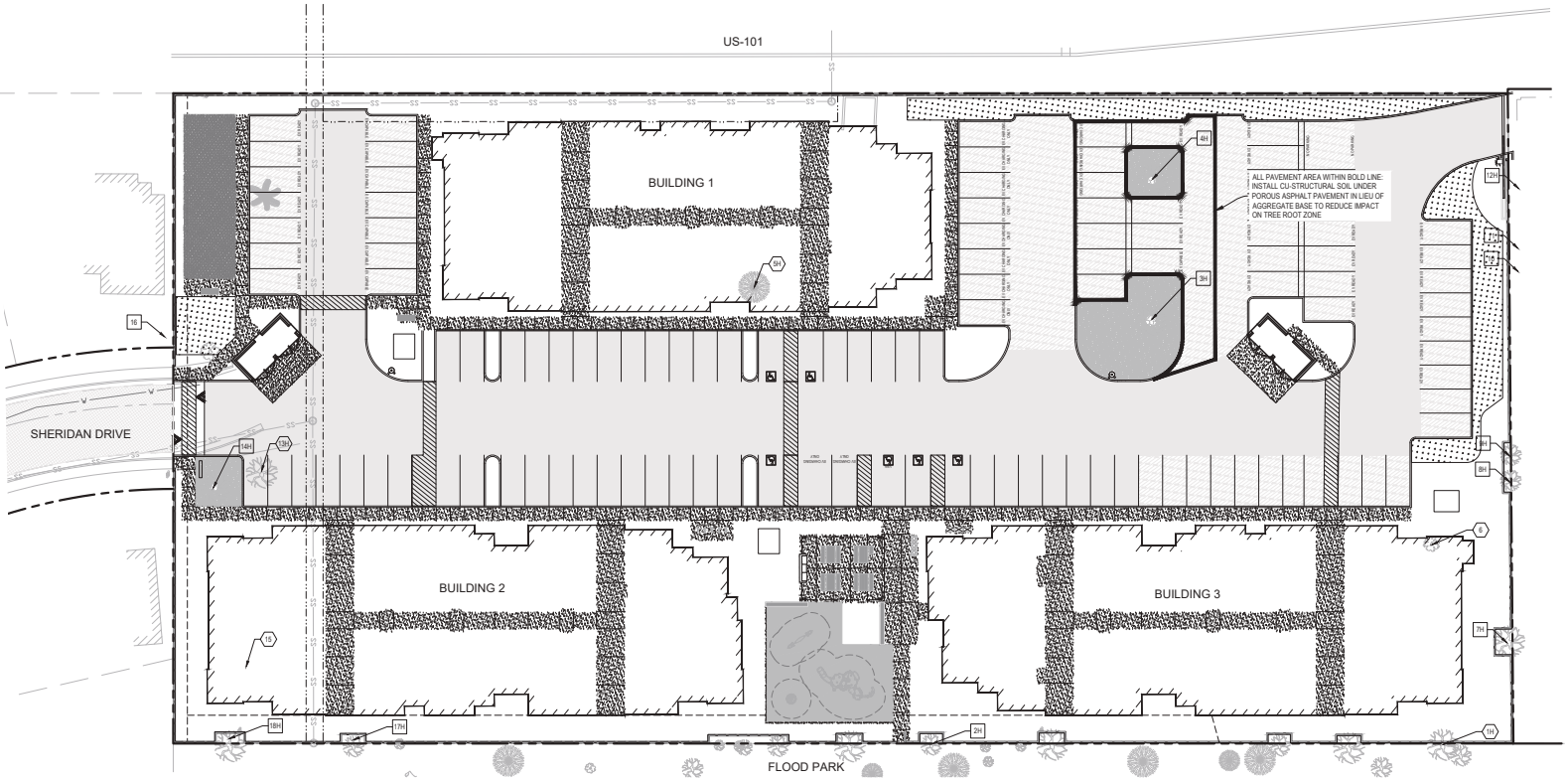

LEGEND

- PROPERTY LINE
- EXISTING SANITARY SEWER EASEMENT
- EXISTING PUBLIC UTILITY EASEMENT
- CURB
- ASPHALT PAVEMENT
- BIORETENTION
- BUILDING FOOTPRINT
- TURF, SEE LANDSCAPE DETAILS.
- CONCRETE PAVING, SEE LANDSCAPE DETAILS.
- GRAVEL, SEE LANDSCAPE DETAILS.
- RUBBERIZED PLAY SURFACING, SEE LANDSCAPE DETAILS.
- POROUS ASPHALT PAVING.

TREE LEGEND

- 6 EXISTING TREE TO BE REMOVED. TREE NUMBER CORRESPONDS TO ARBORIST REPORT.
- 9H EXISTING TREE TO BE PROTECTED. TREE NUMBER CORRESPONDS TO ARBORIST REPORT. PROVIDE TREE PROTECTION PER ARBORIST REPORT.

ARBORIST CONTACT:
BO FIRESTONE TREES & GARDENS
2150 LACEY DRIVE, MILPITAS, CA 95035
E: BUSARA@BOFIRESTONE.COM
C: (408) 497-7158
WWW.BOFIRESTONE.COM

PLAN
SCALE: 1" = 20'-0"
0 10' 20' 40'
GRAPHIC SCALE

399.265 Sheridan Drive Apartments
Menlo Park, CA
October 17, 2024

SITE TREE PLAN
C-9

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PRE-CONSTRUCTION

Establish Tree Protection Zones (TPZ)

The Tree Protection Zone (TPZ) shall be a fenced-off area where work and material storage is not allowed. They are established and inspected prior to the start of work. This barrier protects the critical root zone and trunk from compaction, mechanical damage, and chemical spills. **The City requires that tree protection fencing be installed before any equipment comes on-site and inspected by the Project Arborist, who shall submit a verification letter to the City before issuance of permits.**

Tree protection fencing is required to remain in place throughout construction and may only be moved or removed with written authorization from the City Arborist. The Project Arborist may authorize modification to the fencing when a copy of the written authorization is submitted to the City.

The following activities are prohibited inside the Tree Protection Zone. DO NOT:

- Place heavy machinery for excavation
- Allow runoff or spillage of damaging materials
- Store or stockpile materials, tools, or soil
- Park or drive vehicles
- Trench, dig, or otherwise excavate without first obtaining authorization from the City Arborist or Project Arborist
- Change soil grade
- Trench with a machine
- Allow fires under and adjacent to trees
- Discharge exhaust into foliage
- Direct runoff towards trees
- Cut, break, skin, or bruise roots, branches, or trunks without authorization from the City Arborist
- Secure cable, chain, or rope to trees
- Apply soil sterilant under pavement near existing trees

Specific recommended protection for trees is as follows:

- **Trees 1H, #2H, #7H – 9H, #2437H – 2438, #2441H - #2448H, and #2450H (mix of neighboring trees):** These neighboring trees may be fenced as a group within the same perimeter. Establish standard TPZ fencing radius to 15 feet, or to the greatest extent possible as limited by the proposed work and property lines. Where limitations existed, I recommended TPZ Wrap in addition to the standard fencing for **Tree #2H** to better protect this relatively valuable tree adjacent to the work. Securely bind wooden slats at least 1-inch-thick around the trunk (preferably on a closed-cell foam pad). Secure and wrap at least one layer of orange plastic construction fencing around the outside of the wooden slats for visibility. DO NOT drive fasteners into the tree. **Please see attached "TPZ Trunk Wrap" specification for best-practice method using dimensional lumber.**

- **Tree #3H (42" coast live oak):** Establish standard TPZ fencing radius to 25 feet, or to the greatest extent possible as limited by the proposed work.

- **Tree #4H (30" oak):** Establish standard TPZ fencing radius to 20 feet, or to the greatest extent possible as limited by the proposed work.

- **Tree #12H (23" neighboring oak):** Establish standard TPZ fencing radius to 15 feet, or to the greatest extent possible as limited by the proposed work.

- **Tree #14H (27" oak):** Establish standard TPZ fencing radius to 20 feet, or to the greatest extent possible as limited by the proposed work. Where limitations existed, I recommended TPZ Wrap in addition to the standard fencing to better protect this relatively valuable tree adjacent to the work. **Please see attached "TPZ Trunk Wrap" specification for best-practice method using dimensional lumber**. A coiled straw wattle wrap from the ground to 6' height, secured with two layers of plastic construction fencing is also acceptable.

- **Trees #17H, #18H, #2429H - #2432H, and #2434H – #2436H (neighboring oaks)**: These neighboring trees may be fenced as a group within the same perimeter. Establish standard TPZ fencing radius to 15 feet, or to the greatest extent possible as limited by the proposed work and property lines. **See attached "TPZ Map" for recommended fencing locations.** **Please see special instructions on pg. 13 for removing embedded chain link fence.**

TPZ FENCING SPECIFICATIONS:

1) Establish tree protection fencing radius by installing six (6)-foot tall chain link fencing mounted on eight (8)-foot tall, 1.5-inch diameter galvanized posts, driven 24 inches into the ground and spaced no more than 10 feet apart.

2) Post signs on the fencing (in English and Spanish) printed on 11"x17" yellow-colored paper (signage attached at end of report) with Project Arborist's contact information. Signage should be on each protection fence in a prominent location.

3) Movable barriers of chain link fencing secured to cement blocks may be substituted for fixed fencing if the Project Arborist and City Arborist agree that the fencing will have to be moved to accommodate certain phases of construction. The builder may not move the fence without authorization from the Project Arborist or City Arborist.

TRUNK WRAP SPECIFICATIONS:

- *Securely bind wooden slats at least 1-inch-thick around the trunk (preferably on a closed-cell foam pad). Secure and wrap at least one layer of orange plastic construction fencing around the outside of the wooden slats for visibility;*
- *DO NOT drive fasteners into the tree;*
- *Install trunk protection immediately prior to work within the TPZ and remove protection from the tree(s) as soon as work moves outside the TPZ;*
- *Protect major scaffold limbs as determined by the City Arborist or Project Arborist; and*
- *If necessary, install wooden barriers at an angle so that the trunk flare and buttress roots are also protected.*

Preventing Root Damage

Bare ground within the TPZ should have material applied over the ground to reduce soil compaction and retain soil moisture. This may be done by applying a six to 12-inch layer of wood chip mulch to the area. With this method, mulch in excess of four inches would have to be removed after work is completed. As an alternative method that would not require mulch removal, the contractor could place plywood (>3/4-inch-thick) or road mats over a four-inch layer of mulch. Mulch should be spread manually so as not cause compaction or damage.

Pruning Branches

I recommend that trees be pruned only as necessary to provide minimum clearance for proposed structures and the passage of workers, vehicles, and machines, while maintaining a natural appearance. Any large dead branches should be pruned out for the safety of people working on the site.

Pruning should be specified in writing adhering to ANSI A300 Pruning Standards and performed according to Best Management Practices endorsed by the International Society of Arboriculture. Any pruning (trimming) of branches should be supervised by an ISA-certified arborist.

Any property owner wanting to prune heritage tree more than one-fourth of the canopy and/or roots, must have permission from the City.

Arborist Inspection

The City requires that tree protection fencing be installed before any equipment comes on-site and inspected by the Project Arborist, who shall submit a verification letter to the City before issuance of permits. Tree protection fencing to be inspected by City Arborist before demo and/or building permit issuance.

DURING CONSTRUCTION

Special Tree Protection Measures

1) **Demolition of existing hardscape (Trees #3H, #4H, #14H, #2434H, #2435H):** should be performed in a manner that avoids tearing roots: Using the smallest effective machinery, break up pieces of the concrete and lift pieces up and away from trees. Cut roots embedded in paving rather than tearing them (see instructions on "Root Pruning"). Work must be done outside the tree protection zone (established by fencing). Dragging concrete or machinery across soil in the TPZ as this would disturb soil and roots.

2) **Excavation guidelines for installation of new foundation:** *Use hand tools only* when excavating within the setbacks listed below within the top 36 inches of soil depth. If roots of one-inch diameter or larger must be cut, they should be cut cleanly with a sharp, clean sawblade perpendicular to the direction of growth (a "square cut"). The cut should be made where the bark of the root is undamaged and intact. **Root pruning should be supervised by the Project Arborist. Setbacks from the outer trunk are as follows:**
   - Tree #1H: 13 feet
   - Tree #2H: 10 feet
   - Tree #7H: 18 feet
   - Tree #9H: 18 feet
   - Tree #14H: 14 feet
   - Tree #17H: 12 feet
   - Tree #18H: 17 feet
   - Tree #2434H: 10 feet
   - Tree #2435H: 11 feet
   - Tree #2441H: 13 feet
   - Tree #2447H: 15 feet
   - Tree #2442H: 17 feet
   - Tree #2445H: 22 feet

3) **Hardscaping (parking lot and walkways):** Use hand tools when excavating within:
   a. **10 feet of Trees #2H, #2434H and #2435H**
   b. **15 feet of Trees #12H, #14H, #2437H, #2442H, and #2447H**
   c. **20 feet of Tree #2445H**

   Leave roots encountered undisturbed if possible. Excavation depth for installation of new landscape materials within the above distances of trees should be no more than four inches (4") into existing soil grade. Do not compact native soil under paving materials. If roots must be cut, please see section titled "Root Pruning." No paving materials or any excavation or grading within three feet (3') of trunks.

4) **Exploratory Trench – Construction of the parking lot (<3X DBH) – Trees #3H and #4H**

To protect Tree #3H and #4H (oaks) from damage in the construction of the parking lot, I recommend the following measures:

   a. **I recommend an exploratory trench to be dug by hand, before excavation begins, to expose roots along the tree-side of the parking lot and tree island. The exploratory trench should be dug within 11 feet of Tree #3H and eight feet (8') of Tree #4H.** This way, roots may be exposed by gentle excavation methods and then cut selectively. Root pruning should be supervised by the Project Arborist.
   b. Builders may notice torn roots after digging or trenching. If this happens, or if roots must be cut for any reason, please see section titled "Root Pruning."

5) **Excavation guidelines for installation of underground utility – Trees #14H and #18H:** Do not trench within 14 feet of Tree #14H and 17 feet of Tree #18H if possible. Consider using boring (tunneling) machines set up outside the dripline of the tree. If trenching is necessary, use hand tools or vacuum soil extraction in the top 36 inches of soil. **Leave woody roots of one inch or larger undamaged with bark intact**. The pipes can then be pushed through the trench or tunnel, beneath the roots. Most roots are found within the top 24 inches of soil.

6) **Removing chain link fence embedded in Trees #1H – 3H, #7H – 9H, #17H, #18H, #2434H, #2435H, #2443H, #2446H, and #2447H:** Do not remove portions of fencing that are embedded in tree. Carefully cut embedded fence sections removing as much of the existing fence as possible without damaging the tree. Hand-tools such as a wire cutter and hack saw are preferred to power tools.

7) **Excavation guidelines for installation of fence footings – Trees #1H, #2H, #7H – 9H, #12H, #14H, #17H, #18H, #2429H, #2432H, #2434H - #2437H, #2441H - #2448H, and #2450H :** When excavating or boring underneath the canopy, or within 20 feet of the trunks of these trees, use hand tools within the top 36" of the soil leaving woody roots undamaged. Under the supervision of the Project Arborist or City Arborist, roots encountered should be cut cleanly with a sharp, clean sawblade perpendicular to the direction of growth (a "square cut"). The cut should be made where the bark of the root is undamaged and intact. If roots of over two inches (2") are found, the Project Arborist may recommend moving the location of the footing.

Root Pruning

As required by the City of Menlo Park:

- *To avoid injury to tree roots, only excavate carefully by hand, compressed air, or high-pressure water within the dripline of trees.*
- *When the Contractor encounters roots smaller than 2-inches, hand-trim the wall of the trench adjacent to the trees to make even, clean cuts through the roots. Cleanly cut all damaged and torn roots to reduce the incidence of decay.*
- *Fill trenches within 24 hours. When it is infeasible to fill trenches within 24 hours, shade the side of the trench adjacent to the trees with four layers of dampened, untreated burlap. Wet burlap as frequently as necessary to maintain moisture.*
- ***When the Contractor encounters roots 2 inches or larger, report immediately to the Project Arborist.*** *The Project Arborist will decide whether the Contractor may cut roots 2 inches or larger. If a root is retained, excavate by hand or with compressed air under the root. Protect preserved roots with dampened burlap.*

Irrigation

Water moderately and highly impacted trees during the construction phase. As a rule of thumb, provide one to two inches per month. Water slowly so that it penetrates 18 inches into the soil, to the depth of tree roots. Do not water native oaks during the warm dry season (June – September) as this activates oak root fungus. Instead, make sure that the soil is sufficiently insulated with mulch (where possible). Remember that unsevered tree roots typically extend three to five times the distance of the canopy.

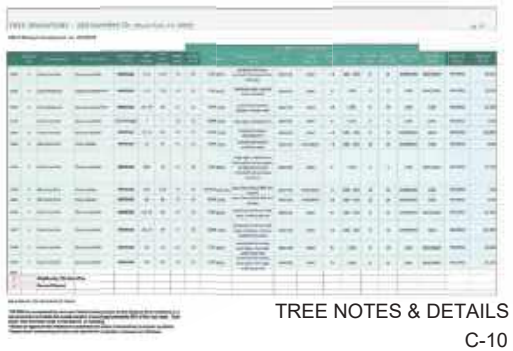
Project Arborist Supervision

I recommend the Project Arborist meet with the builder on-site:

- Soon after excavation
- During any root pruning
- Monthly tree protection monitoring inspections: As requested by the property owner or builder to document tree condition and verify on-going compliance with tree protection plan. Recommendations for any necessary maintenance and impact mitigation should also be included in monthly reports for City Arborist Review *(required every 4 weeks by the City)*.

Any time development-related work is recommended to be supervised by a Project Arborist, a follow-up letter shall be provided, documenting the mitigation has been completed to specification.

TPZ III – Alternative Method of Tree Protection



399.265 Sheridan Drive Apartments
Menlo Park, CA
October 17, 2024

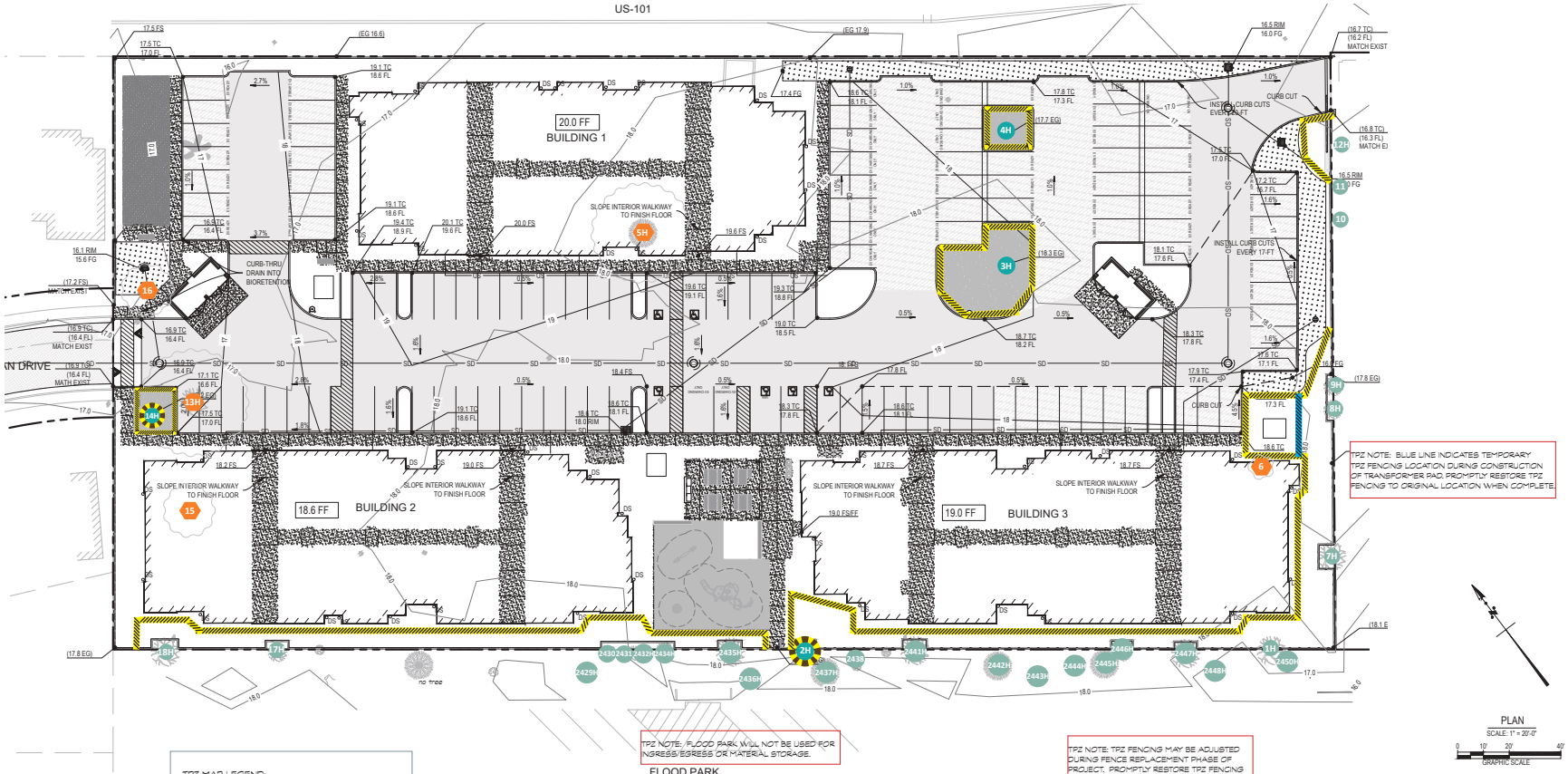
TREE NOTES & DETAILS
C-10

Alliant Strategic Development
26050 Mureau Road, Suite 100,
Calabasas, CA 91302

45 Fremont Street, 28th Floor
San Francisco, CA 94105
415.989.1004 | kpff.com

TREE PROTECTION ZONE MAP

320 SHERIDAN DR, MENLO PARK, CA



TPZ NOTE: BLUE LINE INDICATES TEMPORARY TPZ FENCING LOCATION DURING CONSTRUCTION OF TRANSFORMER PAD. PROMPTLY RESTORE TPZ FENCING TO ORIGINAL LOCATION WHEN COMPLETE.

TPZ NOTE: FLOOD PARK WILL NOT BE USED FOR INGRESS/EGRESS OR MATERIAL STORAGE.

TPZ NOTE: TPZ FENCING MAY BE ADJUSTED DURING FENCE REPLACEMENT PHASE OF PROJECT. PROMPTLY RESTORE TPZ FENCING TO ORIGINAL LOCATION WHEN COMPLETE.

TPZ MAP LEGEND:

- TREE TO REMOVE
- TREE TO REMAIN
- TREE ON NEIGHBORS' PROPERTY / CITY STREET TREE
- TREE PROTECTION FENCING (SEE SPEC.)
- TEMPORARY TREE PROTECTION FENCING
- TRUNK WRAP (SEE SPEC.)

NOTE: TREES #10, #11, #12H, AND #2443H WERE PLACED BY PROJECT ARBORIST AND LOCATIONS ARE APPROXIMATE.

Tree protection fencing requirements as required by the City of Menlo Park:

1) Establish tree protection fencing radius by installing six (6)-foot tall chain link fencing mounted on eight (8)-foot tall, 1.5-inch diameter galvanized posts, driven 24 inches into the ground and spaced no more than 10 feet apart.

2) Post signs on the fencing (in English and Spanish) printed on 11"x17" yellow-colored paper (signage attached) with Project Arborist's contact information. Signage should be on each protection fence in a prominent location.

3) Movable barriers of chain link fencing secured to cement blocks may be substituted for fixed fencing if the Project Arborist and City Arborist agree that the fencing will have to be moved to accommodate certain phases of construction. The builder may not move the fence without authorization from the Project Arborist or City Arborist.

4) Place a 6-inch layer of coarse mulch or woodchips covered with ¾-inch plywood or alternative within the TPZ over bare ground prior to construction activity.

DATE:
rev. 07/26/24

TPZ ELEMENTS DRAWN:
B. FIRESTONE
ISA-CERTIFIED ARBORIST
#WE-8525A

BASE MAP: SITE PLAN C-2
by KPFF
(07/26/2024)

ARBORIST REPORT
pg. 31

400-140 Sheridan Drive Apartments
Menlo Park, CA
September 9, 2024

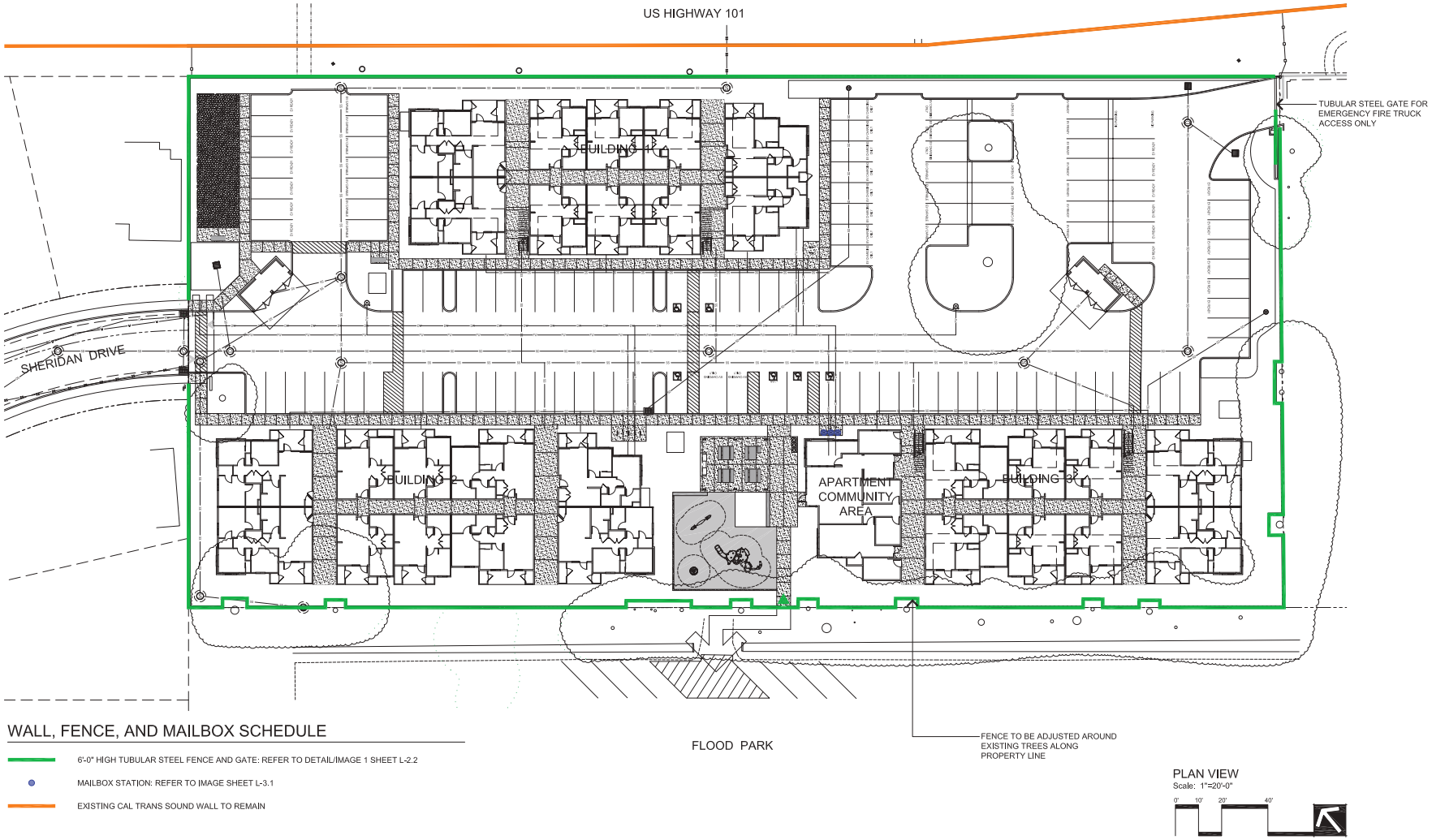
Illustrative Site Plan
L-1.1

Alliant Strategic Development
26050 Mureau Road, Suite 100,
Calabasas, CA 91302

400-140 Sheridan Drive Apartments
Menlo Park, CA
September 9, 2024

Preliminary Landscape Plan
L-1.2

Alliant Strategic Development
26090 Mureau Road, Suite 100,
Calabasas, CA 91302



WALL, FENCE, AND MAILBOX SCHEDULE

- 6'-0" HIGH TUBULAR STEEL FENCE AND GATE: REFER TO DETAIL/IMAGE 1 SHEET L-2.2
- MAILBOX STATION: REFER TO IMAGE SHEET L-3.1
- EXISTING CAL TRANS SOUND WALL TO REMAIN

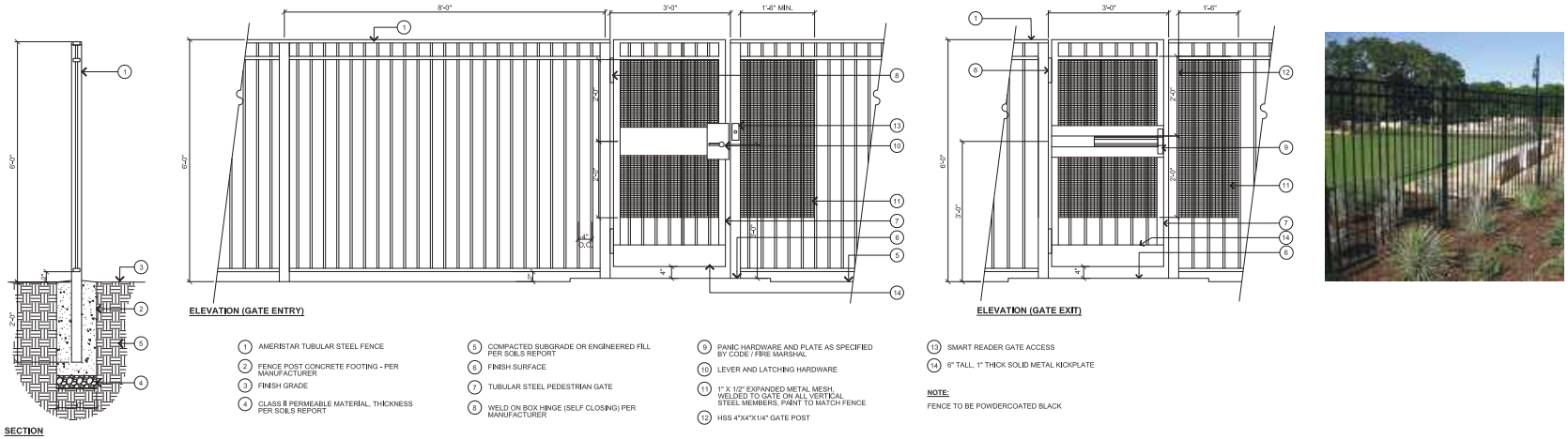
PLAN VIEW
Scale: 1"=20'-0"

0' 10' 20' 40'

400-140 Sheridan Drive Apartments
Menlo Park, CA
September 9, 2024

Wall and Fence Plan
L-2.1

Alliant Strategic Development
26050 Mureau Road, Suite 100,
Calabasas, CA 91302



1. AMERISTAR TUBULAR STEEL FENCE
2. FENCE POST CONCRETE FOOTING - PER MANUFACTURER
3. FINISH GRADE
4. CLASS II PERMEABLE MATERIAL, THICKNESS PER SOILS REPORT
5. COMPACTED SUBGRADE OR ENGINEERED FILL PER SOILS REPORT
6. FINISH SURFACE
7. TUBULAR STEEL PEDESTRIAN GATE
8. WELD ON BOX HINGE (SELF CLOSING) PER MANUFACTURER
9. PANIC HARDWARE AND PLATE AS SPECIFIED BY CODE / FIRE MARSHAL
10. LEVER AND LATCHING HARDWARE
11. 1" X 1/2" EXPANDED METAL MESH, WELDED TO GATE ON ALL VERTICAL STEEL MEMBERS, PAINT TO MATCH FENCE
12. HSS 4"X4"X1/4" GATE POST
13. SMART READER GATE ACCESS
14. 6" TALL, 1" THICK SOLID METAL KICKPLATE

NOTE:

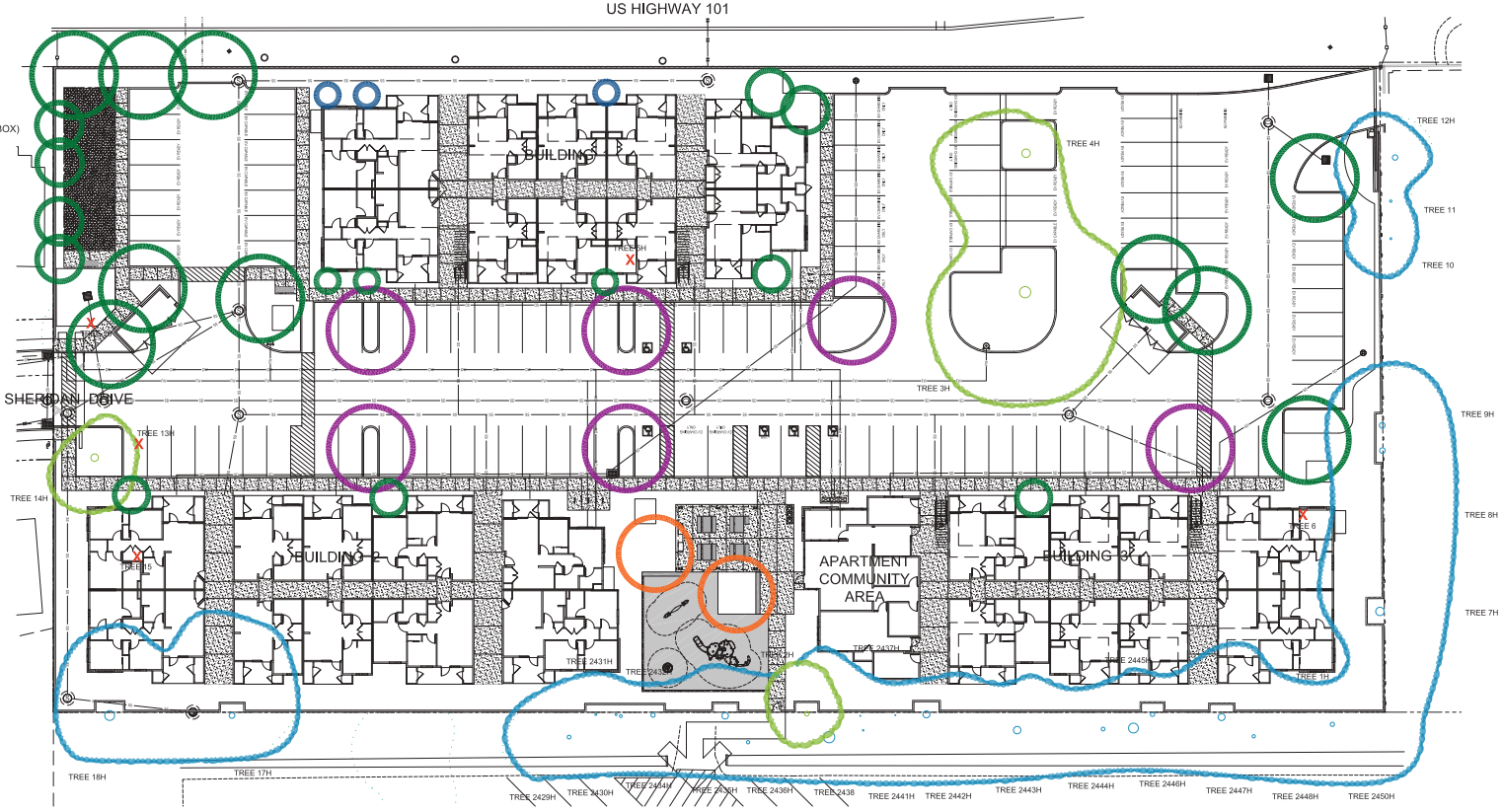
FENCE TO BE POWDERCOATED BLACK

1 6'-0" HIGH TUBULAR STEEL FENCE AND GATE

SCALE : 3/4"=1'-0"

HERITAGE TREE REPLACEMENT SPECIES

AGONIS FLEXUOSA (PEPPERMINT TREE, 48" BOX)
LAURUS NOBILIS SARATOGA (SWEET BAY, 24" BOX)
PISTACIA CHINENSIS 'RED PUSH' (CHINESE PISTACHE, 36" & 24" BOX)
PODOCARPUS AFRICANUS (AFRICAN FERN PINE, 24" BOX)
QUERCUS HYPOLENCOIDES (SILVER LEG OAK, 24" BOX)



TREE COUNTS

TOTAL NUMBER OF HERITAGE TREES TO BE REMOVED: 2
TOTAL NUMBER OF NON-HERITAGE TREES TO BE REMOVED: 3
TOTAL NUMBER OF HERITAGE TREES TO BE PRESERVED: 4
TOTAL NUMBER OF PROPOSED 24" BOX TREES: 3
TOTAL NUMBER OF PROPOSED 24" BOX HERITAGE REPLACEMENT TREES: 23
TOTAL NUMBER OF PROPOSED 36" BOX HERITAGE REPLACEMENT TREES: 6
TOTAL NUMBER OF PROPOSED 36" BOX HERITAGE REPLACEMENT TREES: 2

* FOR ADDITIONAL INFORMATION REFER TO ARBORIST REPORT PREPARED BY BUSARA FIRESTONE TREES & GARDENS

KEY

X — EXISTING ONSITE TREE TO BE REMOVED
EXISTING ONSITE TREE TO REMAIN
EXISTING OFFSITE TREE TO REMAIN
PROPOSED 24" BOX TREE
24" BOX HERITAGE REPLACEMENT TREE: REFER TO HERITAGE TREE REPLACEMENT SPECIES LIST ABOVE LEFT
36" BOX HERITAGE REPLACEMENT TREE: REFER TO HERITAGE TREE REPLACEMENT SPECIES LIST ABOVE LEFT
48" BOX HERITAGE REPLACEMENT TREE: REFER TO HERITAGE TREE REPLACEMENT SPECIES LIST ABOVE LEFT

TREE MITIGATION VALUES

REMOVED HERITAGE TREE 5H: $13,400
REMOVED HERITAGE TREE 13H: $12,400
TOTAL REQUIRED MITIGATION: $25,800

PROPOSED 24" BOX REPLACEMENT TREES: 23 (23 X $400 = $9,200)
PROPOSED 36" BOX REPLACEMENT TREES: 6 (6 X $1,200 = $7,200)
PROPOSED 48" BOX REPLACEMENT TREES: 2 (2 X $5,000 = $10,000)
TOTAL MITIGATION VALUE OF NEW REPLACEMENT TREES: $26,400

PLAN VIEW
Scale: 1"=20'-0"

0' 10' 20' 40'

400-140 Sheridan Drive Apartments
Menlo Park, CA
September 9, 2024

Tree Mitigation and Proposed Tree Plan
L-3

Alliant Strategic Development
26050 Mureau Road, Sulte 100,
Calabasas, CA 91302

BENCH

FRAME FINISH TO BE BLACK, RECYCLED PLASTIC SLATS TO BE GREY

BICYCLE RACK

FRAME FINISH TO BE BLACK

TABLE AND BENCHES

FRAME FINISH TO BE BLACK, RECYCLED PLASTIC SLATS TO BE GREY

WASTE STREAM BINS

ONE (1) GARBAGE RECEPTACLE, ONE (1) RECYCLING RECEPTACLE, AND ONE (1) COMPOST RECETACLE WITH PROPER RECOLOGY SIGNAGE

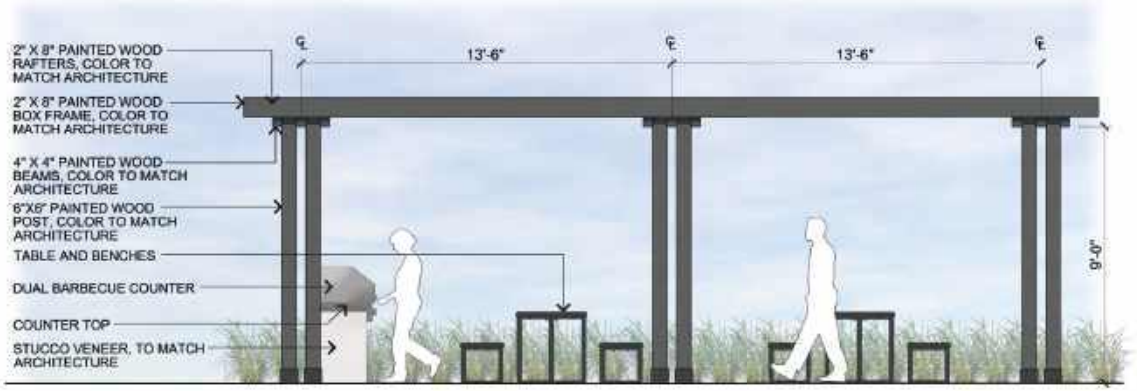
MAILBOX STATION

FINISH TO BE BLACK

CONCEPT

PLAYGROUND EQUIPMENT

FOR JOINT USE AGES 2-5 AND AGES 5-12



WOOD PERGOLA AND DUAL BARBECUE COUNTER

SCALE: 1/2" - 1'-0"

400-140 Sheridan Drive Apartments
Menlo Park, CA
September 9, 2024

Site Furnishings
L-4

Alliant Strategic Development
26050 Mureau Road, Suite 100,
Calabasas, CA 91302

PROPOSED PLANT PALETTE

BOTANICAL NAME	COMMON NAME	MINIMUM CONTAINER SIZE	SPACING / MATURE GROWTH	TREE SIZE	WULCOLS
DECIDUOUS TREES:					
ACER PALMATUM VARIETIES	NCN	24" BOX	N/A	SMALL	L
✱ CERCIS SPECIES	REDBUD	24" BOX	N/A	SMALL	M
CHIONANTHUS RETUSUS	FRINGE TREE	24" BOX	N/A	MEDIUM	M
CHITALPA TASHKENTENSIS 'PINK DAWN'	PINK DAWN CHITALPA	24" BOX	N/A	SMALL	M
LAGERSTROEMIA SPECIES	CRAPE MYRTLE	24" BOX	N/A	SMALL	M
● PISTACIA CHINENSIS 'RED PUSH'	CHINESE PISTACIA	36" BOX	N/A	LARGE	M
ZELKOVA SERRATA	SAW LEAF SELKOVA	24" BOX	N/A	MEDIUM	M
EVERGREEN TREES:					
● AGONIS FLEXUOSA	PEPPERMINT TREE	48" BOX	N/A	MEDIUM	L
GELJERA PARVIFLORA	AUSTRALIAN WILLOW	24" BOX	N/A	MEDIUM	L
● LAURUS NOBLIS 'SARATOGA'	SWEET BAY	24" BOX	N/A	SMALL	L
MELALEUCA QUINQUENERVIA	NCN	24" BOX	N/A	SMALL	M
PODOCARPUS MACROPHYLLA	YEW PINE	24" BOX	N/A	SMALL	M
PRUNUS CAROLINIANA	NCN	24" BOX	N/A	MEDIUM	L
●✱ QUERCUS HYPOLENCOIDES	SILVER LEG OAK	24" BOX	N/A	MEDIUM	L
RHAPHIOLEPIS 'MAGNIFICENT'	INDIAN HAWTHORNE	24" BOX	N/A	SMALL	L
TRISTANIA LAURINA 'ELEGANT'	WATER GUM	24" BOX	N/A	SMALL	L
BACKGROUND/FOUNDATION SHRUBS:					
✱ ARCTOSTAPHYLOS 'SUNSET'	MANZANITA	5 GALLON	5' O.C.		L
CALLISTEMON 'LITTLE JOHN'	DWARF BOTTLE BRUSH	5 GALLON	3' O.C.		L
COPROSMA SPECIES	NCN	5 GALLON	3' O.C.		L
✱ FRANGULA CALIFORNICA	NCN	5 GALLON	4' O.C.		L
MYRSINE AFRICANA	AFRICAN BOXWOOD	5 GALLON	3' O.C.		L
MYRTUS COMMUNIS COMPACTA	MYRTLE	5 GALLON	30" O.C.		L
PITTOSPORUM SPECIES	TOBIRA	5 GALLON	3' O.C.		L
PRUNUS CAROLINIANA 'BRIGHT N TIGHT'	CAROLINA LAUREL	15 GALLON	N/A		M
RHAPHIOLEPIS SPECIES	NCN	5 GALLON	3' O.C.		L
INTERMEDIATE SHRUBS:					
✱ CARPENTERIA CALIFORNICA	BUSH ANEMONE	1 GALLON	4' O.C.		L
CORREA SPECIES	AUSTRALIAN FUCHSIA	5 GALLON	VARIES		L
DIANELLA SPECIES	FLAX LILY	5 GALLON	3' O.C.		L
DIETES SPECIES	FORTNIGHT LILY	5 GALLON	3' O.C.		L
✱ GALVEZIA SPECIOSA 'FIRE CRACKER'	ISLAND SNAP DRAGON	1 GALLON	4' O.C.		M
LIRIOPE SPECIES	LILY TURF	5 GALLON	2' O.C.		M
NANDINA SPECIES	HEAVENLY BAMBOO	5 GALLON	2' O.C.		L
RHAPHIOLEPIS INDICA VARIETIES	INDIAN HAWTHORN	5 GALLON	4' O.C.		L
✱ RIBES SPECIES	NCN	1 GALLON	2' O.C.		L
✱ SALVIA SPECIES	SAGE	5 GALLON	3' O.C.		L
✱ ZAUSCHNERIA CALIFORNICA	CALIFORNIA FUCHSIA	1 GALLON	VARIES		L
FOREGROUND SHRUBS:					
ANIGOZANTHUS SPECIES	KANGAROO PAWS	1 GALLON	18" O.C.		L
BULBINE FRUTESCENS	NCN	1 GALLON	30" O.C.		L
CISTUS 'LITTLE MISS SUNSHINE'	ROCKROSE	1 GALLON	30" O.C.		L
DIANELLA SPECIES	FLAX LILY	1 GALLON	30" O.C.		L
HEMEROCALLIS SPECIES	EVERGREEN DAYLILY	1 GALLON	2' O.C.		M
✱ HEUCHERA MAXIMA	ISLAND ALUM ROOT	1 GALLON	VARIES		L
LIRIOPE SPECIES	BIG BLUE LILY TURF	1 GALLON	18" O.C.		M
NANDINA SPECIES	HEAVENLY BAMBOO	5 GALLON	3' O.C.		L
✱ POLYSTICHUM MUNITUM	WESTERN SWORD FERN	1 GALLON	VARIES		L
SANTOLINA SPECIES	LAVENDER COTTON	5 GALLON	3' O.C.		L
✱ SALVIA SPECIES	SAGE	5 GALLON	3' O.C.		L
TEUCRIUM SPECIES	GERMANDER	1 GALLON	18" O.C.		L
✱ ZAUSCHNERIA SPECIES	FUCHSIA	1 GALLON	VARIES		L

BOTANICAL NAME	COMMON NAME	MINIMUM CONTAINER SIZE	SPACING / MATURE GROWTH	WULCOLS
GROUNDCOVER:				
✱ ARCTOSTAPHYLOS SPECIES	BEARBERRY	1 GALLON	3' O.C.	L
✱ CEANOTHUS SPECIES	WILD LILAC	1 GALLON	VARIES	L
EREMOPHILA GLABRA	GRAY EMU	1 GALLON	3' O.C.	L
✱ ERIOGONUM SPECIES	BUCKWHEAT	1 GALLON	VARIES	L
GREVILLEA LANIGERA 'COASTAL GEM'	NCN	1 GALLON	3' O.C.	L
✱ MAHONIA REPENS	OREGON GRAPE	1 GALLON	18" O.C.	M
TEUCRIUM SPECIES	GERMANDER	1 GALLON	2' O.C.	L
✱ ZAUSCHNERIA SPECIES	FUCHSIA	1 GALLON	VARIES	L
GRASSES:				
FESTUCA MAIREI	FESCUE	1 GALLON	3' O.C.	L
HELICTOTRICHON SEMPERVIRENS	BLUE OAT GRASS	1 GALLON	2' O.C.	L
LOMANDRA SPECIES	NCN	1 GALLON	VARIES	L
✱ MUHLENBERGIA SPECIES	DEER GRASS	1 GALLON	4' O.C.	L
✱ PENNISETUM SPECIES	FOUNTAIN GRASS	1 GALLON	3' O.C.	L
SESLERIA AUTUMNALIS	AUTUMN MOOR GRASS	1 GALLON	1' O.C.	L
WATER TREATMENT SHRUBS AND GRASSES:				
✱ ARISTIDA PURPUREA	PURPLE THREE-AWN	1 GALLON	MIX EVENLY	L
✱ CHONDROPETALUM TECTORUM	CAPE RUSH	1 GALLON	MIX EVENLY	L
✱ ELYMUS CONDENSATUS 'CANYON PRINCE'	NCN	1 GALLON	MIX EVENLY	L
✱ JUNCUS PATENS	RUSH	1 GALLON	MIX EVENLY	L
✱ MIMULUS ARANTIACUS	MONKEY FLOWER	1 GALLON	MIX EVENLY	L

✱ DENOTES CALIFORNIA NATIVE SPECIES

● DENOTES ACCEPTABLE HERITAGE TREE REPLACEMENT, ALL OTHER TREES ARE NOT INCLUDED AS MITIGATION TREES AND ARE FOR ORNAMENTAL PURPOSES ONLY

NOTES

WATER CONSERVATION STATEMENT:

PLANT MATERIAL HAS BEEN CHOSEN FOR WATER CONSERVING AND REDUCED MAINTENANCE CHARACTERISTICS. A MAXIMUM OF 25% OF NON-TURF PLANS WILL HAVE A MODERATE IRRIGATION WATER REQUIREMENT AND A MINIMUM OF 50% OF NON-TURF PLANTS WILL HAVE A LOW TO VERY LOW IRRIGATION WATER REQUIREMENT.

IRRIGATION NOTE:

A FULLY AUTOMATIC IRRIGATION SYSTEM SHALL BE PROPOSED FOR THE PROJECT UTILIZING WATER CONSERVING METHODS. IRRIGATION SHALL BE INSTALLED THROUGHOUT THE BIO-RETENTION AREAS TO PROVIDE SUPPLEMENTAL IRRIGATION IN THE DRY MONTHS WITH REDUCED IRRIGATION DURING SEASONAL RAINFALL OR WET MONTHS.

MINIMUM TREE CLEARANCE NOTE:

1. SMALL TREES (15' TALL/WIDE) SHALL BE PLACED A MINIMUM OF 5' FROM BUILDINGS AND A MINIMUM OF 2' FROM EDGES OF PAVING, CURBS OR WALLS.
2. MEDIUM TREES (25' TALL/WIDE) SHALL BE PLACED A MINIMUM OF 12' FROM BUILDINGS AND A MINIMUM OF 3' FROM PAVING, CURBS OR WALLS.
3. LARGE TREES (ABOVE 25' TALL/WIDE) SHALL BE PLACED A MINIMUM OF 20' FROM BUILDINGS AND A MINIMUM OF 3' FROM PAVING, CURBS OR WALLS.
4. 5' MINIMUM FROM JOINT TRENCH, WATER LINES, WATER METERS AND FIRE HYDRANTS.
5. 8' MINIMUM FROM SANITARY SEWER AND STORM DRAINS.
6. ALL TREES PLANTED WITHIN 5'-0" OF FUTURE CURBS, SIDEWALK, WALLS AND ALL UTILITIES, SHALL INCLUDE A ROOT BARRIER.

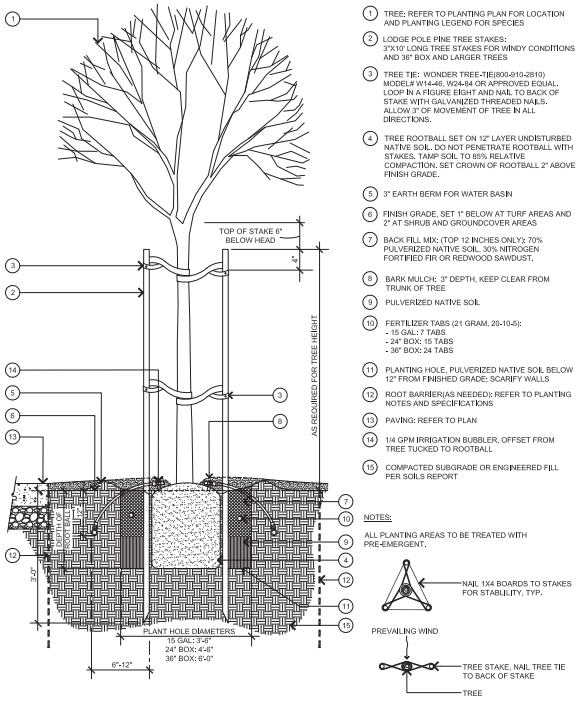
LANDSCAPE NOTES:

PLANT PALETTE IS FOR REFERENCE ONLY, NOT ALL TREES, SHRUBS, GRASSES, AND GROUNDCOVER LISTED WILL BE UTILIZED IN THE PREPARATION OF CONSTRUCTION DOCUMENTS. ADDITIONAL PLANTS MAY BE SUBSTITUTED DUE TO AVAILABILITY AND CONTAINER SIZE. PLANT MATERIAL SHALL BE SELECTED AT THE DESCRETION OF THE LANDSCAPE ARCHITECT.

ALL TRANSFORMERS AND ABOVE GROUND UTILITY BOXES TO BE SCREENED WITH EVERGREEN SHRUBS.

INCLUDE 3 INCHES OF COMPOSTED, NON-FLOATABLE MULCH IN AREAS BETWEEN STORMWATER TREATMENT PLANTINGS.

700 CUBIC FEET OF NON-COMPACTED SOIL FOR SMALL TREES, 1,400 CUBIC FEET OF NON-COMPACTED SOIL FOR MEDIUM TREES, AND 2,100 CUBIC FEET OF NON-COMPACTED SOIL FOR LARGE TREES TO ALLOW TREES TO REACH THEIR MATURITY.



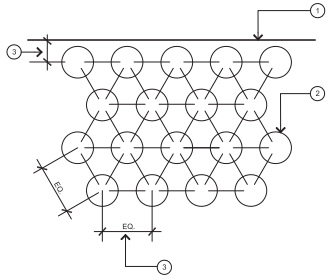
1. TREE: REFER TO PLANTING PLAN FOR LOCATION AND PLANTING LEGEND FOR SPECIES
2. LODGE POLE PINE TREE STAKES: 3"X10' LONG TREE STAKES FOR WINDY CONDITIONS AND 36" BOX AND LARGER TREES
3. TREE TIE: WONDER TREE-TIE(800-910-2810) MODEL# W14-46, W24-94 OR APPROVED EQUAL. LOOP IN A FIGURE EIGHT AND NAIL TO BACK OF STAKE WITH GALVANIZED THREADED NAILS. ALLOW 3" OF MOVEMENT OF TREE IN ALL DIRECTIONS.
4. TREE ROOTBALL SET ON 12" LAYER UNDISTURBED NATIVE SOIL. DO NOT PENETRATE ROOTBALL WITH STAKES. TAMP SOIL TO 85% RELATIVE COMPACTION. SET CROWN OF ROOTBALL 2" ABOVE FINISH GRADE.
5. 3" EARTH BERM FOR WATER BASIN
6. FINISH GRADE. SET 1" BELOW AT TURF AREAS AND 2" AT SHRUB AND GROUNDCOVER AREAS
7. BACK FILL MIX: (TOP 12 INCHES ONLY): 70% PULVERIZED NATIVE SOIL, 30% NITROGEN FORTIFIED FIR OR REDWOOD SAWDUST.
8. BARK MULCH: 3" DEPTH, KEEP CLEAR FROM TRUNK OF TREE
9. PULVERIZED NATIVE SOIL
10. FERTILIZER TABS (21 GRAM, 20-10-5):
    - 15 GAL: 7 TABS
    - 24" BOX: 15 TABS
    - 36" BOX: 24 TABS
11. PLANTING HOLE. PULVERIZED NATIVE SOIL BELOW 12" FROM FINISHED GRADE; SCARIFY WALLS
12. ROOT BARRIER(AS NEEDED): REFER TO PLANTING NOTES AND SPECIFICATIONS
13. PAVING: REFER TO PLAN
14. 1/4 GPM IRRIGATION BUBBLER, OFFSET FROM TREE TUCKED TO ROOTBALL
15. COMPACTED SUBGRADE OR ENGINEERED FILL PER SOILS REPORT

NOTES:

ALL PLANTING AREAS TO BE TREATED WITH PRE-EMERGENT.

1 TREE STAKING

N.T.S.



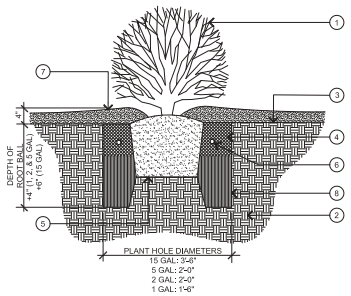
1. EDGE OF PAVING, HEADER, FACE OF BUILDING, WALL, ETC.
2. GROUNDCOVER OR SHRUB: REFER TO PLANTING PLAN FOR LOCATION AND PLANTING LEGEND FOR SPECIES
3. GROUNDCOVER AND SHRUB SPACING PER PLANTING PLAN AND LEGEND

NOTES:

1. ALL PLANTS SHALL BE PLANTED AT EQUAL SPACING (TRIANGULAR) UNLESS OTHERWISE SPECIFIED ON THE PLANS.
2. CENTERLINE OF PLANTS SHALL BE 1/2 OF EQUAL SPACING MINIMUM FROM EDGE OF PLANTING AREA.
3. INFILL PLANTS AS REQUIRED TO MAINTAIN SPACING AT IRREGULAR EDGES.
4. KEEP MULCH CLEAR OF PLANT BASE.
5. ALL PLANTING AREAS TO BE TREATED WITH PRE-EMERGENT.

2 GROUNDCOVER PLANTING

N.T.S.



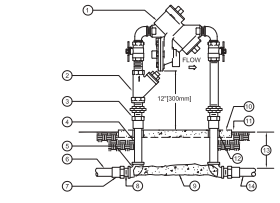
1. SHRUB: REFER TO PLANTING PLAN FOR LOCATION AND PLANTING LEGEND FOR SPECIES
2. COMPACTED SUBGRADE OR ENGINEERED FILL PER SOILS REPORT
3. FINISH GRADE
4. BACK FILL MIX: (1/2 DEPTH OF ROOT BALL HEIGHT): 70% PULVERIZED NATIVE SOIL, 30% NITROGEN FORTIFIED FIR OR REDWOOD SAWDUST.
5. SHRUB ROOTBALL SET ON LIGHTLY TAMPED SOIL. SET CROWN OF ROOTBALL 1" ABOVE FINISH GRADE.
6. FERTILIZER TABS (21 GRAM, 20-10-5):
    - 1 GALLON: 1 TAB
    - 2 GALLON: 2 TABS
    - 5 GAL: 3 TABS
    - 15 GAL: 5 TABS
7. BARK MULCH: 3" DEPTH, KEEP CLEAR FROM ROOT BALL CROWN
8. PULVERIZED NATIVE SOIL

NOTES:

ALL PLANTING AREAS TO BE TREATED WITH PRE-EMERGENT

3 SHRUB PLANTING

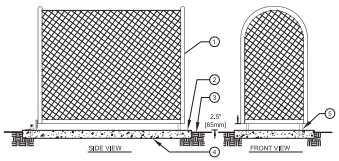
N.T.S.



1. REDUCED PRESSURE BACKFLOW ASSEMBLY.
2. TB "Y" STRAINER SYSTEM (AS REQUIRED).
3. WROUGHT COPPER MALE ADAPTER-2 TOTAL (SOLDER x THREAD CONNECTION).
4. COPPER TYPE "K" PIPE (LENGTH AS REQUIRED).
5. WROUGHT COPPER 90° ELBOW-2 TOTAL (SOLDER x THREAD CONNECTION).
6. PVC MAIN LINE TO POINT OF CONNECTION.
7. BUSH AS NECESSARY FOR SIZE TRANSITION.
8. SCHEDULE 40 PVC MALE ADAPTER-2 TOTAL.
9. CONCRETE SUPPORT BLOCK.
10. CONCRETE PAD-SEE ENCLOSURE DETAIL.
11. FINISH GRADE.
12. PVC SLEEVE BOTH SIDES.
13. REFER TO IRRIGATION LEGEND
14. PVC MAIN LINE TO IRRIGATION SYSTEM.

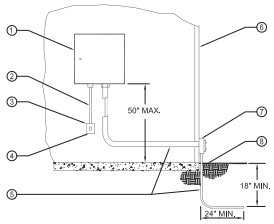
NOTES:
1. INSTALL A FREEZE PREVENTATIVE BLANKET AROUND BACKFLOW ASSEMBLY. BLANKET SHALL BE GREEN.
2. DO NOT SOLDER CONNECT FITTINGS WHILE THREADED INTO BACKFLOW ASSEMBLY. THIS MAY CAUSE DAMAGE TO DEVICE.
3. NIPPLES AND FITTINGS TO BE SAME IPT SIZE AS BACKFLOW ASSEMBLY.
4. PROVIDE A STAINLESS STEEL ENCLOSURE TO COMPLETELY ENCLOSE DEVICE. INSTALL ENCLOSURE TO CONCRETE BASE AS DIRECTED BY MANUFACTURER.

1 REDUCED PRESSURE BACKFLOW ASSEMBLY
SCALE: NONE



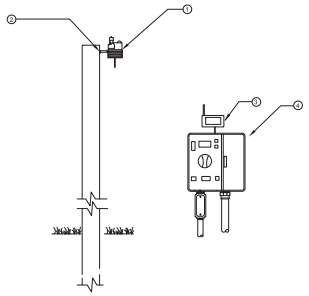
1. STAINLESS STEEL ENCLOSURE TO COMPLETELY ENCLOSE DEVICE
2. SET PAD 1/2" [13MM] ABOVE FINISH GRADE
3. FINISH GRADE
4. 6" [150mm] THICK CONCRETE PAD FOR ENCLOSURE SUPPORT TO EXTEND 6" [150mm] BEYOND ENCLOSURE ON ALL SIDES. CONCRETE TO HAVE MEDIUM BROOM FINISH.
5. MOUNTING BRACKETS (STANDARD WITH ENCLOSURE) TO BE SET INTO CONCRETE PAD. PROVIDE LOCKING TAB TO ACCEPT PADLOCK PER MANUFACTURER'S INSTRUCTION.

2 BACKFLOW ASSEMBLY ENCLOSURE
SCALE: NONE



1. IRRIGATION CONTROLLER
2. 120 VOLT SERVICE IN RIGID STEEL CONDUIT
3. 120 VOLT LOCKABLE ON/OFF SWITCH PROVIDED UNDER IRRIGATION CONTRACT
4. 120 VOLT SERVICE TO CONTROLLER LOCATION PROVIDED BY ELECTRICAL CONTRACTOR
5. SCHEDULE 40 GREY PVC ELECTRICAL CONDUIT FOR LOW VOLTAGE WIRE
6. EXTERIOR WALL
7. ELECTRICAL PULL BOX PER ELECTRICAL CODE
8. FINISH GRADE

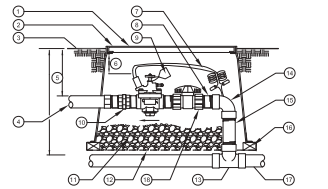
3 INTERIOR MOUNTED CONTROLLER
SCALE: NONE



NOTE: MAXIMUM LINE OF SIGHT FROM SENSOR TO RECEIVER IS 1000 FT. DISTANCE IS LESS IF OBSTRUCTIONS EXIST. SENSOR MUST BE INSTALLED IN "CLEAR SPACE" WHERE IT IS EXPOSED TO UNOBSTRUCTED RAINFALL AND IS CLEAR OF IRRIGATION SPRAY.

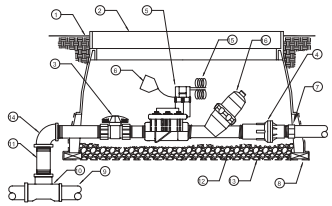
1. WIRELESS CLIMATE SENSOR TRANSMITTER
2. SUITABLE POST, POLE, OR GUTTER MOUNT. MOUNT IN LOCATION WHERE SENSOR CAN RECEIVE FULL SUN, IS OPEN TO RAINFALL AND OUT OF SPRINKLER SPRAY PATTERN
3. SENSOR RECEIVER
4. CONTROLLER

4 WIRELESS WEATHER SENSOR
SCALE: NONE



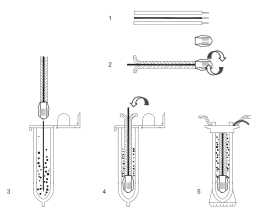
1. REMOTE CONTROL VALVE WITH FLOW CONTROL AND MANUAL BLEED (PRESSURE REGULATOR WHERE SHOWN ON PLANS).
2. USE A 14" X 19" RECTANGULAR PLASTIC VALVE BOX WITH BOLT DOWN LID FOR 1" VALVES, FOR 1.5" AND LARGER VALVES INSTALL BALL VALVE WITHIN A SEPARATE 10" ROUND BOX OR ONE BALL VALVE PER MANIFOLD OF VALVES, GATE VALVE SIZE SHALL BE SAME AS LARGEST VALVE WITHIN MANIFOLD. ONE VALVE PER BOX- NO EXCEPTIONS, INSTALL BOX AS SHOWN IN BOX INSTALLATION DETAIL.
3. FINISH GRADE.
4. PVC LATERAL LINE.
5. REFER TO IRRIGATION SPECS.
6. 3" [75mm] MIN. 6" [150mm] MAX.
7. VALVE CONTROL WIRE- PROVIDE SEAL PACKS AT ALL SPLICES AND 3' [1m] OF EXCESS UF WIRE IN A 1" [25mm] DIAMETER COIL.
8. SCHEDULE 80 PVC NIPPLE (4 TOTAL).
9. VALVE I.D. TAG (CONTROLLER AND STATION NUMBER).
10. SCHEDULE 80 PVC THREADED UNION.
11. PEA GRAVEL OR 3/4" DRAIN ROCK- 4" [100mm] DEEP BELOW VALVE (NO SOIL IN VALVE BOX).
12. 19 GAUGE 1/2" [12mm] SQUARE WIRE MESH.
13. UPC APPROVED SCHEDULE 40 PVC TEE.
14. SCHEDULE 80 PVC 90° ELBOW (TYP.).
15. SCHEDULE 80 PVC NIPPLE- LENGTH AS REQUIRED.
16. BRICK-1 EACH CORNER.
17. PVC MAIN LINE.
18. SCHEDULE 80 PVC UNION BALL VALVE (ONE PER VALVE).

5 REMOTE CONTROL VALVE
SCALE: NONE



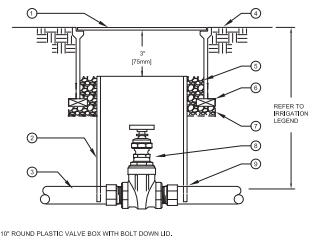
1. FINISH GRADE
2. JUMBO RECTANGULAR PLASTIC VALVE BOX WITH BOLT DOWN LID. ONE VALVE PER BOX- NO EXCEPTIONS. INSTALL BOX AS SHOWN IN BOX INSTALLATION DETAIL.
3. SCHEDULE 80 PVC UNION BALL VALVE (ONE PER VALVE)
4. PRESSURE REGULATOR (INCLUDED IN DRIP ZONE KIT)
5. REMOTE CONTROL VALVE DRIP ZONE KIT, (SHALL INCLUDE VALVE, FILTER AND A 40 PSI PRESSURE REDUCING VALVE)
6. VALVE I.D. TAG (CONTROLLER AND STATION NUMBER).
7. SCHEDULE 40 MALE ADAPTER
8. BRICK-1 EACH CORNER.
9. PVC MAIN LINE.
10. UPC APPROVED SCHEDULE 40 PVC TEE.
11. SCHEDULE 80 PVC NIPPLE-(4-TOTAL) LENGTH AS REQUIRED.
12. PEA GRAVEL OR 3/4" [20mm] DRAIN ROCK - 4" [102mm] DEEP BELOW VALVE (NO SOIL IN VALVE BOX).
13. 19 GAUGE 1/2" [13mm] SQUARE WIRE MESH.
14. SCHEDULE 80 PVC 90° ELBOW (TYP.).
15. VALVE CONTROL WIRE- PROVIDE 3M-DBY SEAL PACKS AT ALL SPLICES AND 3' [1m] OF EXCESS UF WIRE IN A 1" [25mm] DIAMETER COIL.
16. Y-FILTER (INCLUDED IN DRIP ZONE KIT)

6 REMOTE CONTROL VALVE (DRIPZONE)
SCALE: NONE



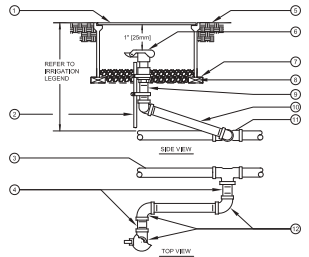
INSTRUCTIONS:
1. STRIP WIRES APPROXIMATELY 1/2" (13 mm) TO EXPOSE WIRE.
2. TWIST CONNECTOR AROUND WIRES CLOCKWISE UNTIL HAND TIGHT. DO NOT OVERTIGHTEN.
3. INSERT WIRE ASSEMBLY INTO PLASTIC TUBE UNTIL WIRE CONNECTOR SNAPS PAST LIP IN BOTTOM OF TUBE.
4. PLACE WIRES WHICH EXIT TUBE IN WIRE EXIT HOLES AND CLOSE CAP UNTIL IT SNAPS.
5. INSPECT FINAL SPLICE ASSEMBLY TO BE SECURE AND FINISHED.

7 WEATHERPROOF WIRE SPLICE ASSEMBLY
SCALE: NONE



1. 10" ROUND PLASTIC VALVE BOX WITH BOLT DOWN LID.
2. 8" [200mm] CLASS 160 OR SCHEDULE 40 PVC PIPE (NOTCH TO FIT OVER MAIN LINE PIPE).
3. PVC MAIN LINE.
4. FINISH GRADE.
5. PEA GRAVEL OR 3/4" [20mm] DRAIN ROCK - 4" [100mm] DEEP (NO SOIL IN VALVE BOX).
6. BRICK-2 TOTAL.
7. 19 GAUGE 1/2" [13mm] SQUARE WIRE MESH.
8. GATE VALVE.
9. MALE ADAPTER. REFER TO LEGEND FOR FITTING TYPE.

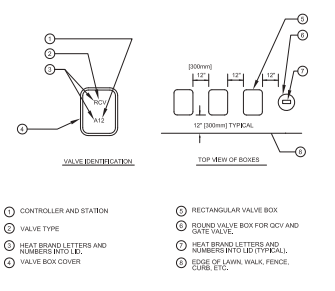
8 GATE VALVE
SCALE: NONE



1. 10" ROUND PLASTIC VALVE BOX WITH BOLT DOWN LID.
2. 1 1/4" x 1 1/4" x 3/16" [30mm x 30mm x 5mm] ANGLE IRON 30" [760mm] LONG W/2 STAINLESS STEEL STRAPS (ONE AROUND QCV).
3. PVC MAIN LINE.
4. 3" [75mm] LONG SCHEDULE 80 PVC THREADED NIPPLE.
5. FINISH GRADE.
6. QUICK COUPLING VALVE.
7. 19 GAUGE 1/2" [13mm] SQUARE WIRE MESH.
8. BRICK - 2 TOTAL.
9. SCHEDULE 80 PVC THREADED NIPPLE.
10. 10" [250mm] LONG SCHEDULE 80 PVC THREADED NIPPLE.
11. UPC APPROVED SCHEDULE 40 PVC TEE OR ELBOW.
12. SCHEDULE 80 PVC THREADED 90° ELL.

NOTE:
NIPPLES AND FITTINGS TO BE SAME SIZE AS VALVE IPT INLET THREAD SIZE.

9 QUICK COUPLING VALVE
SCALE: NONE



1. CONTROLLER AND STATION
2. VALVE TYPE
3. HEAT BRAND LETTERS AND NUMBERS INTO LID.
4. VALVE BOX COVER
5. RECTANGULAR VALVE BOX
6. ROUND VALVE BOX FOR QCV AND GATE VALVE.
7. HEAT BRAND LETTERS AND NUMBERS INTO LID (TYPICAL).
8. EDGE OF LAWN, WALK, FENCE, CURB, ETC.

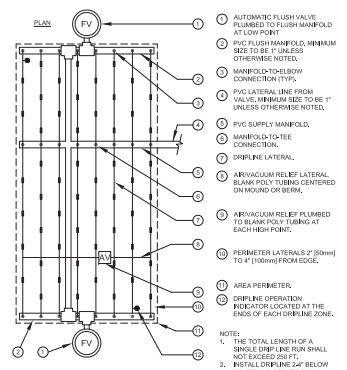
INSTRUCTIONS:
1. CENTER VALVE BOX OVER REMOTE CONTROL VALVE TO FACILITATE SERVICING VALVE.
2. SET BOXES 1" [25mm] ABOVE FINISH GRADE OR MULCH COVER IN GROUND COVER/SHRUB AREA AND FLUSH WITH FINISH GRADE IN TURF AREA.
3. SET RCV AND VALVE BOX ASSEMBLY IN GROUND COVER/SHRUB AREA WHERE POSSIBLE. INSTALL IN LAWN ONLY IF GROUND COVER DOES NOT EXIST ADJACENT TO LAWN.
4. SET BOXES PARALLEL TO EACH OTHER AND PERPENDICULAR TO EDGE OF LAWN, WALK, FENCE, CURB, ETC.
5. AVOID HEAVILY COMPACTING SOIL AROUND VALVE BOXES TO PREVENT COLLAPSE AND DEFORMATION OF VALVE BOX SIDES.
6. INSTALL EXTENSION BY VALVE BOX MANUFACTURER AS REQUIRED TO COMPLETELY ENCLOSE ASSEMBLY FOR EASY ACCESS.

10 VALVE BOX INSTALLATION
SCALE: NONE

400-140 Sheridan Drive Apartments
Menlo Park, CA
September 9, 2024

Irrigation Details
L-7.1

Alliant Strategic Development
26050 Mureau Road, Sulte 100,
Calabasas, CA 91302

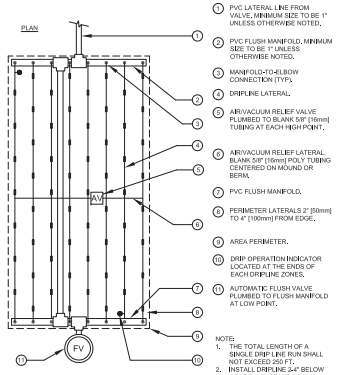


1. AUTOMATIC FLUSH VALVE PLUMBED TO FLUSH MANIFOLD AT LOW POINT
2. PVC FLUSH MANIFOLD, MINIMUM SIZE TO BE 1" UNLESS OTHERWISE NOTED.
3. MANIFOLD-TO-ELBOW CONNECTION (TYP).
4. PVC LATERAL LINE FROM VALVE, MINIMUM SIZE TO BE 1" UNLESS OTHERWISE NOTED.
5. PVC SUPPLY MANIFOLD.
6. MANIFOLD-TO-TEE CONNECTION.
7. DRIPLINE LATERAL.
8. AIR/VACUUM RELIEF LATERAL, BLANK POLY TUBING CENTERED ON MOUND OR BERM.
9. AIR/VACUUM RELIEF PLUMBED TO BLANK POLY TUBING AT EACH HIGH POINT.
10. PERIMETER LATERALS 2" [50mm] TO 4" [100mm] FROM EDGE.
11. AREA PERIMETER.
12. DRIPLINE OPERATION INDICATOR LOCATED AT THE ENDS OF EACH DRIPLINE ZONE.

NOTE:
1. THE TOTAL LENGTH OF A SINGLE DRIP LINE RUN SHALL NOT EXCEED 250 FT.
2. INSTALL DRIPLINE 2-4" BELOW GRADE AND STAKE DOWN EVERY 4' OR AS REQUIRED.

1 TORO DL 2000 CENTER FEED LAYOUT

SCALE: NONE

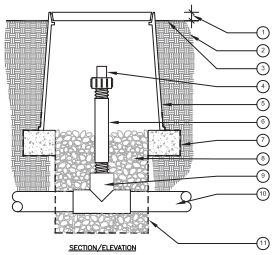


1. PVC LATERAL LINE FROM VALVE, MINIMUM SIZE TO BE 1" UNLESS OTHERWISE NOTED.
2. PVC FLUSH MANIFOLD, MINIMUM SIZE TO BE 1" UNLESS OTHERWISE NOTED.
3. MANIFOLD-TO-ELBOW CONNECTION (TYP).
4. DRIPLINE LATERAL.
5. AIR/VACUUM RELIEF VALVE PLUMBED TO BLANK 5/8" [16mm] TUBING AT EACH HIGH POINT.
6. AIR/VACUUM RELIEF LATERAL, BLANK 5/8" [16mm] POLY TUBING CENTERED ON MOUND OR BERM.
7. PVC FLUSH MANIFOLD.
8. PERIMETER LATERALS 2" [50mm] TO 4" [100mm] FROM EDGE.
9. AREA PERIMETER.
10. DRIP OPERATION INDICATOR LOCATED AT THE ENDS OF EACH DRIPLINE ZONES.
11. AUTOMATIC FLUSH VALVE PLUMBED TO FLUSH MANIFOLD AT LOW POINT.

NOTE:
1. THE TOTAL LENGTH OF A SINGLE DRIP LINE RUN SHALL NOT EXCEED 250 FT.
2. INSTALL DRIPLINE 2-4" BELOW GRADE AND STAKE DOWN EVERY 4' OR AS REQUIRED.

2 TORO DL 2000 END FEED LAYOUT

SCALE: NONE



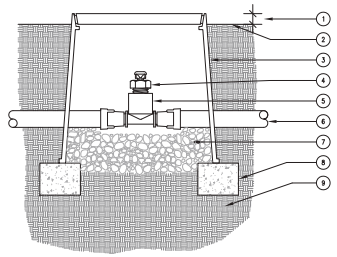
SECTION/ELEVATION

1. 1" [25mm] ABOVE FINISH GRADE.
2. NATIVE SOIL.
3. FINISH GRADE.
4. FLUSH VALVE.
5. ROUND PLASTIC VALVE BOX. REFER TO IRRIGATION SPECS FOR BOX SIZE, HEAT BRAND "PV" ON LID IN 2" [50mm] HIGH CHARACTERS.
6. 3/4" [20mm] SCH 80 PVC NIPPLE (LENGTH AS REQUIRED).
7. BRICK - 2 TOTAL
8. PEA GRAVEL 18" (450mm) DEEP.
9. PVC TEE (SxSxT) WITH 3/4" [20mm] THREADED OUTLET.
10. PVC PIPING.
11. 19 GAUGE 1/2" [13mm] SQUARE WIRE MESH.

NOTE:
USE ONE FLUSH VALVE FOR EVERY 7 GPM PER ZONE. LOCATE AT LOW POINTS. FLUSH RATE IS 0.6 GPM. FLUSH PRESSURE IS 2 PSI.

3 TORO DL 2000 FLUSH VALVE (PVC TEE)

SCALE: NONE



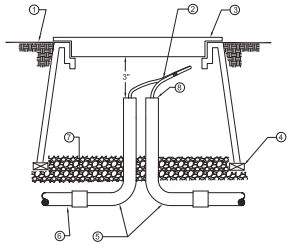
SECTION/ELEVATION

1. 1" ABOVE FINISH GRADE.
2. FINISH GRADE.
3. 6" ROUND PLASTIC VALVE BOX. HEAT BRAND "AR" ON LID IN 1" HIGH CHARACTERS.
4. TORO DL2000 AIR/VACUUM RELIEF VALVE (YD-500-34).
5. TORO LOC-EZE X 1/2" FPT TEE (FTF16).
6. TORO DL2000 TUBING (RGP-XX-XXX) OR TORO BLUE STRIPE POLY TUBING (EHD1645-XXX) AIR-RELIEF LATERAL.
7. PEA GRAVEL SUMP (6" DEEP).
8. BRICK SUPPORTS (2 COMMON BRICKS REQUIRED).
9. NATIVE SOIL PER SPECIFICATIONS.

NOTE:
USE ONE AIR/RELIEF VALVE FOR EVERY 7 GPM PER ZONE. LOCATE AT HIGH POINTS.

4 TORO DL 2000 AIR VACUUM RELIEF VALVE

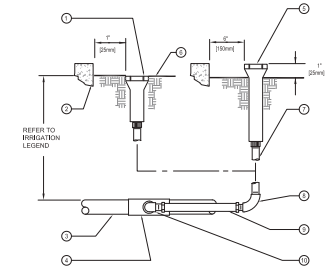
SCALE: NONE



1. FINISH GRADE
2. 24" LOOP OF TWO WIRE CABLE.
3. GREY RECTANGULAR PLASTIC VALVE BOX WITH BOLT DOWN LID. HEAT BRAND "PB" INTO LID.
4. BRICK-ONE ON EACH CORNER
5. SCHEDULE 40 PVC SWEEP ELLS
6. SCHEDULE 40 U.L. LISTED PVC CONDUIT
7. PEA GRAVEL OR 3/4" [20mm] DRAIN ROCK - 4" [102mm] DEEP BELOW VALVE (NO SOIL IN VALVE BOX).
8. SEAL ALL CONDUIT OPENINGS WITH WATERPROOF FOAM.

5 IRRIGATION TWO WIRE PULL BOX

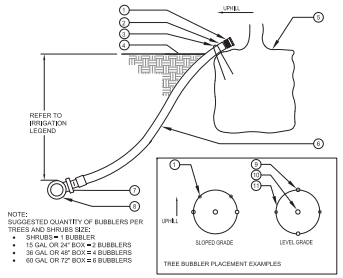
SCALE: NONE



1. POP-UP LAWN SPRAY SPRINKLER
2. WALL, WALK, CURB OR BUILDING
3. PVC LATERAL LINE
4. UPC APPROVED SCHEDULE 40 PVC TEE OR ELBOW
5. POP-UP SHRUB SPRAY SPRINKLER OR BUBBLER
6. FINISH GRADE
7. 1/2" [13mm] SCHEDULE 80 PVC THREADED NIPPLE (LENGTH AS REQUIRED).
8. 1/2" [13mm] SCHEDULE 40 PVC THREADED 90° ELL.
9. 1/2" [13mm] FLEXIBLE IPS HOSE 6" [150mm] LONG WITH MALE ADAPTERS OR 1/2" [13mm] FLEXIBLE SWING JOINT (1/2" x 6") (13mm x 150mm) WITH A MINIMUM PRESSURE RATING OF 160 PSI (690kPa).
10. 1/2" [13mm] SCHEDULE 40 PVC STREET ELL.

6 POP-UP SPRAY SPRINKLER RISER

SCALE: NONE

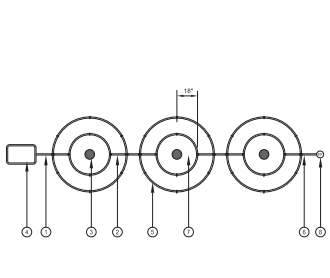


NOTE:
SUGGESTED QUANTITY OF BUBBLERS PER TREES AND SHRUBS SIZE:
- SHRUBS = 1 BUBBLER
- 15 GAL OR 24" BOX = 2 BUBBLERS
- 36 GAL OR 48" BOX = 4 BUBBLERS
- 60 GAL OR 72" BOX = 6 BUBBLERS

1. BUBBLER (TO BE INSTALLED ON TOP OF ROOTBALL).
2. 1/2" [13mm] SCH. 40 MALE ADAPTER.
3. 6" [150mm] STEEL STAPLE.
4. FINISH GRADE.
5. TREE OR SHRUB ROOTBALL.
6. 1/2" [13mm] IPS FLEXIBLE PVC.
7. PVC TEE (SST), ELBOW (ST) OR FEMALE ADAPTER.
8. PVC LATERAL LINE.
9. TREE STAKES.
10. SHRUB.
11. EDGE OF ROOTBALL (TYPICAL).

7 SHRUB BUBBLER

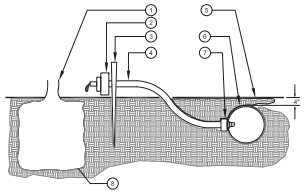
SCALE: NONE



1. SUPPLY HEADER.
2. 17mm BLANK DRIPLINE MODEL: TLCVO
3. TREE TRUNK.
4. REMOTE CONTROL VALVE WITH DISC FILTER AND PRV.
5. TECHLINE CV DRIPLINE, FLOW, DRIPPER SPACING, LINE SPACING PER NETAFIM INSTALLATION GUIDELINES.
6. EXHAUST HEADER.
7. TECHLINE CV SPACING PER NETAFIM INSTALLATION GUIDELINES.
8. MANUAL FLUSH VALVE MODEL: TLSOV

8 TREE BUBBLER

SCALE: NONE

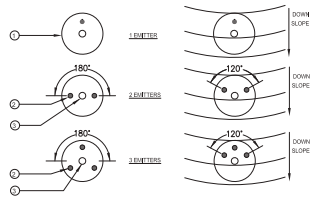


NOTE:
TO INSERT BARBED CONNECTOR INTO POLYETHYLENE TUBING, USE INSERTION TOOL. WHERE POLYETHYENE TUBING CAN BE PLACED ADJACENT TO SHRUB ROOTBALL, A BARBED EMITTER MAY BE INSTALLED DIRECTLY INTO POLYETHYENE TUBING AND DISTRIBUTION TUBING ELIMINATED. POINT OF WATER EMISSION FROM BARBED EMITTER MUST DRIP WATER DIRECTLY ON ROOTBALL.

1. SHRUB STEM.
2. EMITTER REFER TO EMITTER SCHEDULE FOR QUANTITY OF EMITTERS PER PLANT.
3. TUBING SUPPORT STAKE (SALCO DTS-200-400)
4. 1/4" TUBING DO NOT EXCEED 3' [1m] IN LENGTH.
5. FINISH GRADE.
6. SALCO PVC FLEX HOSE, INSTALL 4" [100mm] BELOW FINISH GRADE.
7. BARBED MALE ADAPTER.
8. EDGE OF ROOTBALL.

9 SALCO FLEX TUBING EMITTER PLACEMENT

SCALE: NONE



1. EDGE OF ROOTBALL (TYPICAL)
2. EMITTER OR DISTRIBUTION TUBE OUTLET (TYPICAL)
3. SHRUB STEM (TYPICAL)

EMITTER SCHEDULE

PLANT SIZE	EMITTER SPECIFACATION	FLOW (GPH)/PER EMITTER OR OUTLET	QUANTITY OF EMITTERS PER SHRUB/TREE
1 GALLON SHRUBS	USE SLV-PS-CV-1	1 GPH	2
5 GALLON SHRUBS	USE SLV-PS-CV-2	2 GPH	2
15 GALLON	USE SLV-PS-CV-2	2 GPH	3

MAXIMUM AMOUNT OF FLOW PER DRIP TUBING RUN IS 240 GPH

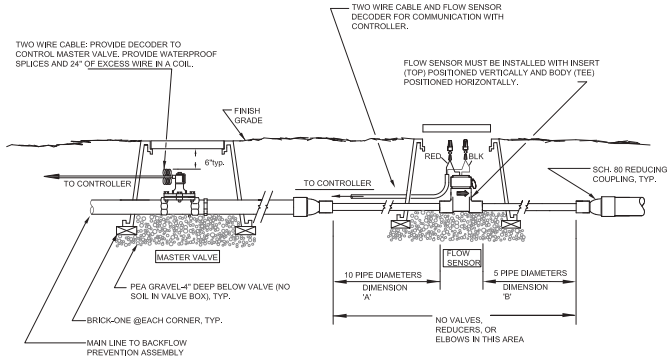
10 SALCO EMITTER PLACEMENT AND

SCALE: NONE

400-140 Sheridan Drive Apartments
Menlo Park, CA
September 9, 2024

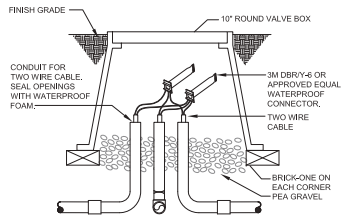
Irrigation Details
L-7.2

Alliant Strategic Development
26050 Mureau Road, Sulte 100,
Calabasas, CA 91302



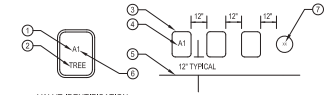
1 INSTALLATION DETAIL MASTER VALVE/FLOW SENSOR

SCALE: NONE



2 2-WIRE SPLICE BOX AT MAIN LINE TEE OR 3 WAY WIRE BRANCH

SCALE: NONE



VALVE IDENTIFICATION

1. CONTROLLER ID-.
2. ALL TREE VALVES TO HAVE TREE BRANDED INTO LID.
3. RECTANGULAR VALVE BOX.
4. HEAT BRAND VALVE TYPE PER TABLE OR CONTROLLER ID AND STATION NUMBER INTO LID.
5. EDGE OF LAWN, WALK, FENCE, CURB, ETC.
6. STATION NUMBER.
7. ROUND VALVE BOX FOR QCV AND GATE VALVE. HEAT BRAND VALVE TYPE INTO INTO LID PER TABLE.

TOP VIEW OF BOXES

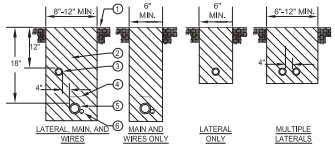
ITEMS TO BRAND:	BRAND CODE
GATE VALVE	GV
PRESSURE REDUCER	PRV
MASTER VALVE	MV
FLOW SENSOR	FS
HYDROMETER	HM
MAIN LINE AIR RELIEF	ARV
REMOTE CONTROL VALVE	A___
QUICK COUPLER	QC
SPLICE BOX	SB
PULL BOX	PB
LIGHTNING ARRESTOR	LA
GROUND ROD	GR

INSTRUCTIONS:

1. CENTER VALVE BOX OVER REMOTE CONTROL VALVE TO FACILITATE SERVICING VALVE.
2. SET BOXES 1" ABOVE FINISH GRADE OR MULCH COVER IN GROUND COVER/SHRUB AREA AND FLUSH WITH FINISH GRADE IN TURF AREA.
3. SET RCV AND VALVE BOX ASSEMBLY IN GROUND COVER/SHRUB AREA WHERE POSSIBLE. INSTALL IN LAWN ONLY IF GROUND COVER DOES NOT EXIST ADJACENT TO LAWN.
4. SET BOXES PARALLEL TO EACH OTHER AND PERPENDICULAR TO EDGE OF LAWN, WALK, FENCE, CURB, ETC.
5. AVOID HEAVILY COMPACTING SOIL AROUND VALVE BOXES TO PREVENT COLLAPSE AND DEFORMATION OF VALVE BOX SIDES.
6. INSTALL EXTENSION BY VALVE BOX MANUFACTURER AS REQUIRED TO COMPLETELY ENCLOSE ASSEMBLY FOR EASY ACCESS.

3 VALVE BOX INSTALLATION

SCALE: NONE



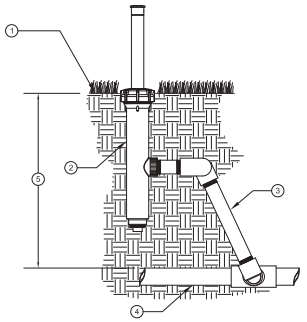
NOTES:

1. ALL MAIN SUPPLY LINES AND LATERAL LINES SHALL BE PLACED IN SLEEVES UNDER PAVED SURFACES. INSTALL LOW VOLTAGE WIRES WITHIN A SEPARATE CONDUIT UNDER PAVED SURFACES. DO NOT TAPE WIRES WITHIN CONDUIT.
2. REUSE SALVAGED EXCAVATED FILL AND COMPACT TO ORIGINAL DENSITY IN LANDSCAPE AREAS. ALL OTHER AREAS SHALL BE AT 95% COMPACTION. BACKFILL MATERIAL SHALL BE THE EARTH EXCAVATED FROM THE TRENCHES, FREE FROM ROCKS (ANYTHING LARGER THAN 2"), CONCRETE CHUNKS, AND OTHER FOREIGN OR COARSE MATERIALS.
3. WHEN 12" POP-UP SPRINKLER HEADS ARE USED, INCREASE THE DEPTH OF LATERAL TO 18" AT THE SPRINKLER LOCATION ONLY.

1. FINISH GRADE.
2. CLEAN BACKFILL MATERIAL.
3. LATERAL LINE.
4. 3" DETECTABLE WARNING TAPE OVER MAIN LINE. INSTALL 3" ABOVE MAIN LINE. USE CHRISTY MODEL #TA-DT-3-BRR FOR POTABLE IRRIGATION SYSTEMS OR #TA-DT-3-PRW FOR RECYCLED IRRIGATION WATER SYSTEMS
5. MAIN LINE.
6. TWO WIRE CABLE IN CONDUIT

4 TRENCHING

SCALE: NONE



1. FINISH GRADE.
2. 570 POP-UP DRIP OPERATION INDICATOR ASSEMBLY (TORO MODEL 570-DRIP-4ND) INSTALLED AT FURTHEST POINT DOWNSTREAM OF ZONE VALVE.
3. PVC OR SWING PIPE SWING JOINT ASSEMBLY.
4. PVC DRIP ZONE FOOTER.
5. DEPTH OF PVC LINE PER SPECIFICATIONS.

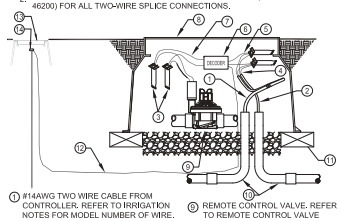
NOTE: TEFLON TAPE ALL THREADED JOINTS

5 570 POP-UP DRIP OPERATION INDICATOR

SCALE: NONE

NOTE:

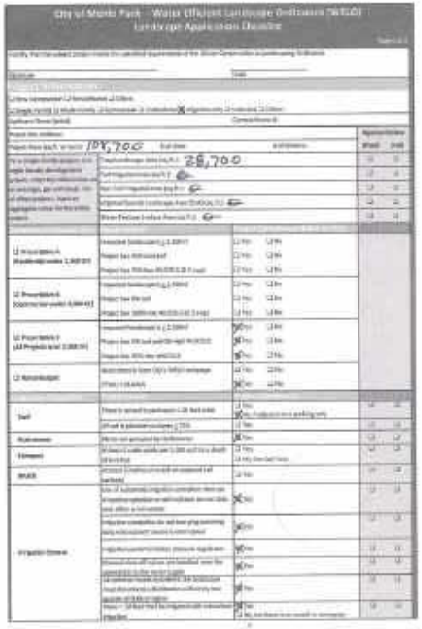
1. ALL DECODERS SHALL HAVE A VALVE NUMBER ADDRESSED AT CONTROLLER PRIOR TO INSTALLATION.
2. USE U.F. SAFETY CABLE STRIPPER BY KING INNOVATION (MODEL NUMBER 46200) FOR ALL TWO-WIRE SPLICE CONNECTIONS.



1. #14AWG TWO WIRE CABLE FROM CONTROLLER. REFER TO IRRIGATION NOTES FOR MODEL NUMBER OF WIRE. ALLOW A 24" SLACK PER DECODER. USE ELECTRICAL TAPE TO HOLD SLACK CABLES TOGETHER.
2. TWO WIRE CABLE TO NEXT DECODER
3. 3M DBRY-6 OR APPROVED EQUAL WATERPROOF SPLICE KIT (4 TOTAL)
4. A MAXIMUM OF 4" OF WIRE SHALL BE STRIPPED FROM TWO WIRE CABLE WHEN SPLICING AT DECODERS.
5. CONNECT CORRECT DECODER WIRES TO TWO WIRE CABLES.
6. DECODER
7. CONNECT CORRECT DECODER WIRES TO VALVE SOLENOID WIRES
8. VALVE BOX, REFER TO REMOTE CONTROL VALVE DETAIL FOR INSTALLATION INSTRUCTIONS.
9. REMOTE CONTROL VALVE. REFER TO REMOTE CONTROL VALVE DETAIL FOR INSTALLATION INSTRUCTIONS.
10. 1.25" CONDUIT FOR 2 WIRE CABLE WITH LONG SWEEPS IN AND OUT OF EACH VALVE BOX. SEAL ALL CONDUIT OPENINGS WITH WATERPROFF FOAM.
11. BRICK-ONE ON EACH CORNER
12. #6 BARE COPPER GROUND WIRE. SPLICE INTO GROUND WIRE AT DECODER, ONLY REQUIRED AT EVERY 10TH DECODER AND AT THE ENDS OF THE LINE.
13. 8' LONG COPPER GROUND ROD. LOCATE A MINIMUM OF 8' AWAY FROM DECODER AND TWO WIRE CABLE. LOCATE IN 10" ROUND BOX.
14. CADWELD CONNECTIONS

6 DECODER WIRING IN CONDUIT

SCALE: NONE



WATER USE ESTIMATION PRELIMINARY - 320 Sheridan Drive - Menlo Park CA

WATER TYPE	POTABLE
SITE ETo*	40.1

2022/2023

REGULAR LANDSCAPE AREAS

HYDROZONE #	HYDROZONE NAME	PLANT WATER USE TYPE	PLANT FACTOR (PF)	IRRIGATION METHOD	IRRIGATION EFFICIENCY	ETAF (PFIE)	AREA (SQ FT) (HA)	ETAF X AREA (HA)	ETWU (GAL/YR)	ACRE FEET/ YEAR	HCP YEAR	PERCENTAGE OF LANDSCAPE
1	LOW WATER PLANTING	LOW	0.3	DRIP	0.81	0.370	17,710	6,559	170,377	0.54	54.39	62%
2	BIO RETENTION PLANTER	LOW	0.3	SPRAY	0.75	0.400	5,400	1,296	33,340	0.11	10.69	12%
3	MODERATE WATER PLANTING	MED	0.6	DRIP	0.81	0.617	7,900	4,869	125,190	0.38	37.58	26%
					TOTALS		28,700	12,819	328,876	1.03	102.65	100%

SPECIAL LANDSCAPE AREAS

HYDROZONE #	HYDROZONE NAME									
										0%
				TOTALS						0%

MAWA		
	GALLONS/YR	328,876
	ACRE FEET/YR	1.01
	HCP/YR	401.28

ETWU		
	GALLONS/YR	328,876
	ACRE FEET/YR	1.01
	HCP/YR	401.28

SITE IRRIGATION EFFICIENCY	SITE PLANT FACTOR	MAWA COMPLIANT
80.3%	0.30	YES

ETAF Calculations	
REGULAR LANDSCAPE AREAS	
TOTAL ETAF x AREA	12,208
TOTAL AREA	28,700
AVG. ETAF	42.52%

MAWA FORMULA

MAXIMUM APPLIED WATER ALLOWANCE (MAWA) GALLONS PER YEAR

MAWA = (ETo)(0.62)(LA x 0.45) + (0.55 x SLA)

ETo = REFERENCE EVAPOTRANSPIRATION

0.55= ET ADJUSTMENT FACTOR

LA=LANDSCAPED AREA (SQUARE FEET)

0.62 = CONVERSION FACTOR (GALLONS/SQ FT/YR)

ETWU FORMULA

ESTIMATED TOTAL WATER USE (ETWU) GALLONS PER YEAR

ETWU= (ETO)(.62)(ETAF x LA)

ETo = REFERENCE EVAPOTRANSPIRATION

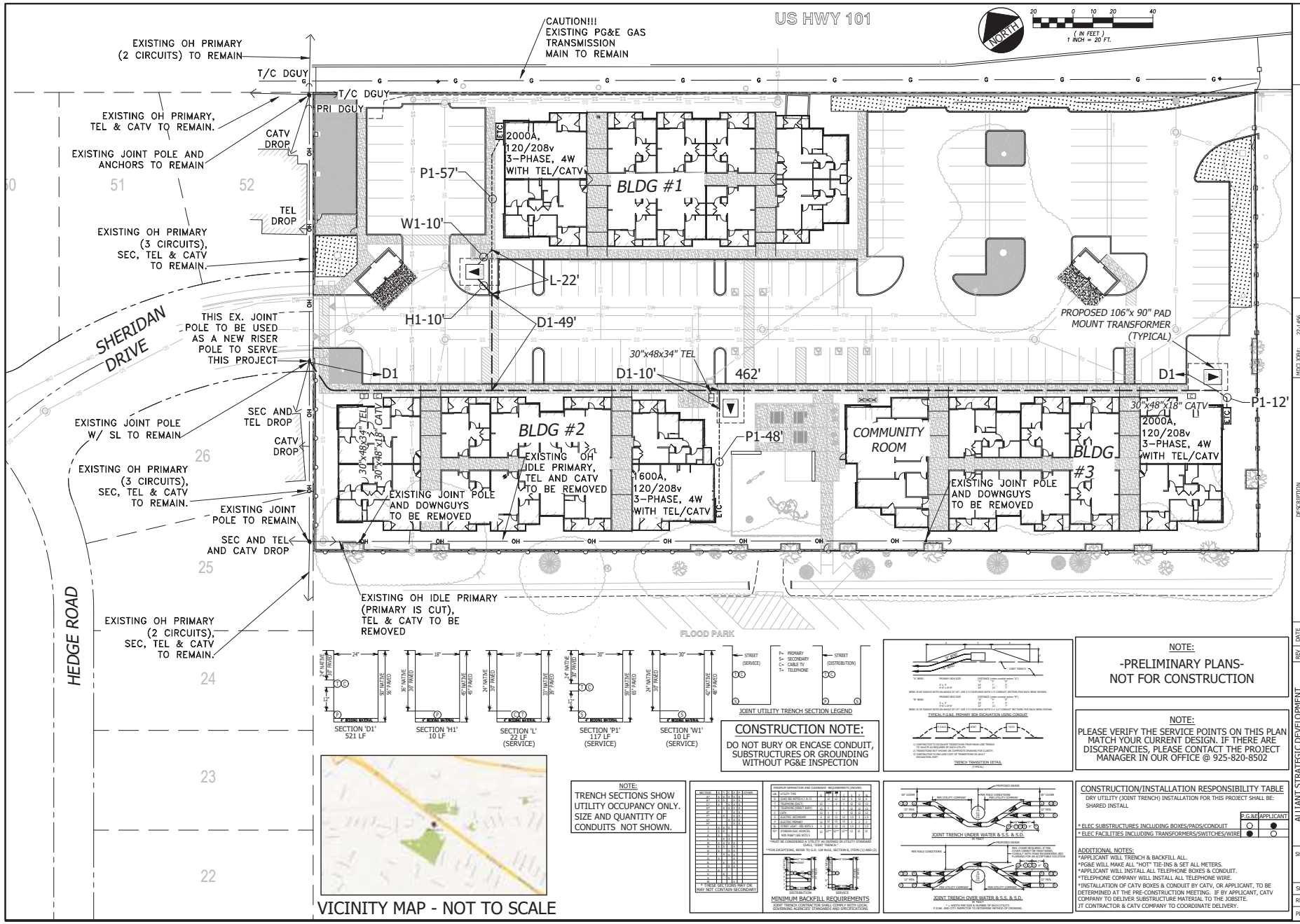
PF = PLANT FACTOR FOR HYDROZONES

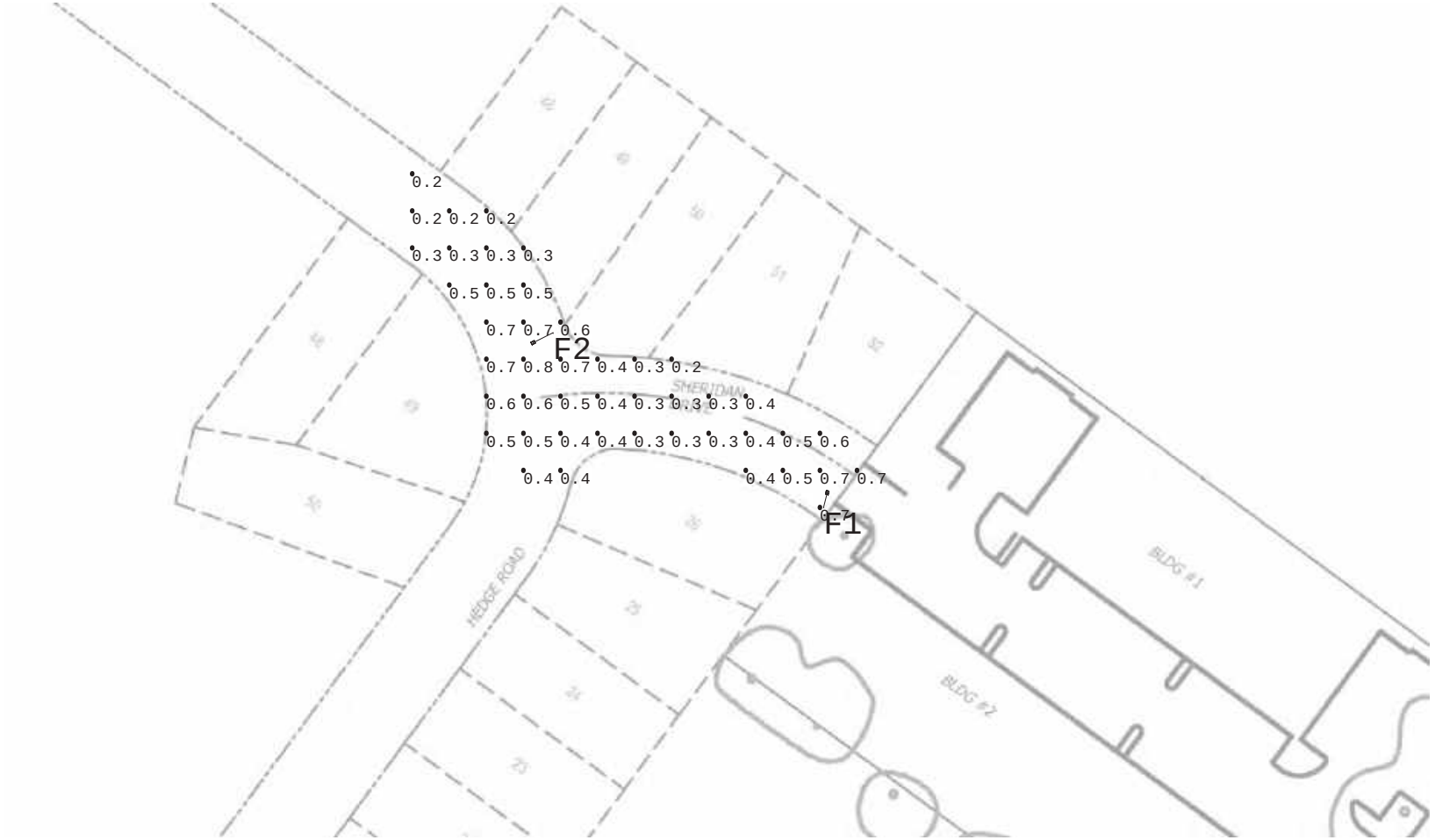
HA = HYDROZONE AREA (SQ FT)

0.62 = CONVERSION FACTOR (GALLONS/SQ FT/YR)

IE = IRRIGATION EFFICIENCY (0.81=BUBBLER/DRIP

IE = IRRIGATION EFFICIENCY (0.75=ROTORS/SPRAY


US HWY 101
NORTH
(IN FEET)
1 INCH = 20 FT.
CAUTION!!!
EXISTING PG&E GAS
TRANSMISSION
MAIN TO REMAIN
EXISTING OH PRIMARY
(2 CIRCUITS) TO REMAIN
T/C DGUY
PRI DGUY
EXISTING OH PRIMARY,
TEL & CATV TO REMAIN.
CATV
DROP
EXISTING JOINT POLE AND
ANCHORS TO REMAIN
TEL
DROP
EXISTING OH PRIMARY
(3 CIRCUITS),
SEC, TEL & CATV
TO REMAIN.
SHERIDAN
DRIVE
THIS EX. JOINT
POLE TO BE USED
AS A NEW RISER
POLE TO SERVE
THIS PROJECT
EXISTING JOINT POLE
W/ SL TO REMAIN
SEC AND
TEL DROP
CATV
DROP
EXISTING OH PRIMARY
(3 CIRCUITS),
SEC, TEL & CATV
TO REMAIN.
EXISTING JOINT
POLE TO REMAIN
SEC AND TEL
AND CATV DROP
EXISTING OH PRIMARY
(2 CIRCUITS),
SEC, TEL & CATV
TO REMAIN.
HEDGE ROAD
EXISTING OH IDLE PRIMARY
(PRIMARY IS CUT),
TEL & CATV TO BE
REMOVED
2000A,
120/208v
3-PHASE, 4W
WITH TEL/CATV
BLDG #1
P1-57'
W1-10'
L-22'
H1-10'
D1-49'
D1
D1-10'
462'
30"x48x34" TEL
PROPOSED 106"x 90" PAD
MOUNT TRANSFORMER
(TYPICAL)
D1
P1-12'
30"x48"x18" CATV
2000A,
120/208v
3-PHASE, 4W
WITH TEL/CATV
BLDG #2
EXISTING OH
IDLE PRIMARY,
TEL AND CATV
TO BE REMOVED
1600A,
120/208v
3-PHASE, 4W
WITH TEL/CATV
P1-48'
COMMUNITY
ROOM
BLDG
#3
EXISTING JOINT POLE
AND DOWNGUYS
TO BE REMOVED
EXISTING JOINT POLE
AND DOWNGUYS
TO BE REMOVED
FLOOD PARK
SECTION 'D1'
521 LF
SECTION 'H1'
10 LF
SECTION 'L'
22 LF
(SERVICE)
SECTION 'P1'
117 LF
(SERVICE)
SECTION 'W1'
10 LF
(SERVICE)
JOINT UTILITY TRENCH SECTION LEGEND
P= PRIMARY
S= SECONDARY
C= CABLE TV
T= TELEPHONE
STREET
(SERVICE)
STREET
(DISTRIBUTION)
TYPICAL P.G.&E. PRIMARY BOX EXCAVATION USING CONDUIT
TRENCH TRANSITION DETAIL
(TYPICAL)
NOTE:
-PRELIMINARY PLANS-
NOT FOR CONSTRUCTION
NOTE:
PLEASE VERIFY THE SERVICE POINTS ON THIS PLAN
MATCH YOUR CURRENT DESIGN. IF THERE ARE
DISCREPANCIES, PLEASE CONTACT THE PROJECT
MANAGER IN OUR OFFICE @ 925-820-8502
CONSTRUCTION NOTE:
DO NOT BURY OR ENCASE CONDUIT,
SUBSTRUCTURES OR GROUNDING
WITHOUT PG&E INSPECTION
NOTE:
TRENCH SECTIONS SHOW
UTILITY OCCUPANCY ONLY.
SIZE AND QUANTITY OF
CONDUITS NOT SHOWN.
MINIMUM BACKFILL REQUIREMENTS
JOINT TRENCH UNDER WATER & S.S. & S.D.
JOINT TRENCH OVER WATER & S.S. & S.D.
CONSTRUCTION/INSTALLATION RESPONSIBILITY TABLE
DRY UTILITY (JOINT TRENCH) INSTALLATION FOR THIS PROJECT SHALL BE:
SHARED INSTALL
P.G.&E
APPLICANT
* ELEC SUBSTRUCTURES INCLUDING BOXES/PADS/CONDUIT
* ELEC FACILITIES INCLUDING TRANSFORMERS/SWITCHES/WIRE
ADDITIONAL NOTES:
*APPLICANT WILL TRENCH & BACKFILL ALL.
*PG&E WILL MAKE ALL "HOT" TIE-INS & SET ALL METERS.
*APPLICANT WILL INSTALL ALL TELEPHONE BOXES & CONDUIT.
*TELEPHONE COMPANY WILL INSTALL ALL TELEPHONE WIRE.
*INSTALLATION OF CATV BOXES & CONDUIT BY CATV, OR APPLICANT, TO BE
DETERMINED AT THE PRE-CONSTRUCTION MEETING. IF BY APPLICANT, CATV
COMPANY TO DELIVER SUBSTRUCTURE MATERIAL TO THE JOBSITE.
JT CONTRACTOR & CATV COMPANY TO COORDINATE DELIVERY.
VICINITY MAP - NOT TO SCALE
MILLENNIUM
DESIGN & CONSULTING, INC.
UTILITY DESIGN & CONSULTING - APPLICANT DESIGN - STREET LIGHTING
P.O. BOX 737
ALAMO, CA 94507
PHONE: 925-820-8502 - FAX: 925-820-8407
MDCI JOB#: 22-1496
MDCI PM: BG
DESIGNED BY: NK
CHECKED BY: BG
SCALE: 1"=20'
LAST MODIFIED: 6-12-24
DESCRIPTION
REV
DATE
ALLIANT STRATEGIC DEVELOPMENT
JOINT TRENCH CONCEPTUAL COMPOSITE
320 SHERIDAN
MENLO PARK
CALIFORNIA
SHEET NO.
JTC1
SHEET 1 OF 1
REVISION NUMBER: 0
PLOT DATE: 6-12-24



Luminaire Schedule					
Symbol	Qty	Label	Arrangement	Description	LLF
	1	F1	SINGLE	Solarmax LED SMX-21WiE-NV-LL5-00-4070-T202-P - 30' M.H. W/ 4' ARM	0.900
	1	F2	SINGLE	Solarmax LED SMX-21WiE-NV-LL5-00-4070-T202-P - 30' M.H. W/ 6' ARM	0.900

Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
Sheridan Drive	Illuminance	Fc	0.44	0.8	0.2	2.20	4.00

SolarMax LED Inc.
3080 12th St
Riverside, CA 92507
(951)300-0788

Drawn By: JG
Checked By:
Date:7/16/2024
Scale: N/A

Photometrics
320 Sheridan Dr, Menlo Park, CA 94025

Project Description for SB330 Formal Application for
Sheridan Drive Apartments
at 320 Sheridan Drive, Menlo Park
February 28, 2024, revised September 13, 2024

Location and Current Use: The subject property is a single parcel of land (APN # 055-303-110) totaling approximately 2.52 acres located at the northeast terminus of Sheridan Drive in Menlo Park. On the west side of the property are single family detached homes in the Suburban Park neighborhood of Menlo Park and to the East are Haven House and single-family homes in the Flood Park neighborhood. To the north, behind a tall masonry wall, is Highway 101, and to the South, the San Mateo County owned Flood Park.

Vision and Summary of proposed land use: Formerly a public elementary school site, the land is currently vacant of any structures, fenced off, and owned by the Ravenswood City School District. Like so many of the Bay Area school districts, Ravenswood City School District's teachers and staff are finding it challenging to secure and afford housing near their jobs. As a result, these school employees are suffering through long commutes which translates to burnout and staff turnover. In a series of public meetings in December 2021 and January 2022, the School Board reviewed proposals to develop the property with below market rate homes, prioritized for teachers and staff, and selected Alliant Strategic Development as the developer and builder.

85 percent of the district teachers and staff are income-eligible for below market rate housing and they will receive preference in the 88 new homes planned for the site by Alliant. Any unsubscribed units will be available to income-eligible residents in the greater community, including first responders, service workers and other lower wage local professionals.

The City selected this property as one of the sites in its recently updated Housing Element to help Menlo Park meet its State mandated housing requirements. In December of 2023, the City rezoned the property with R-3 zoning designation, paving the way for multifamily housing on the site.

Alliant Strategic Development and the School District share in their vision to construct new family housing on this property and to provide the School District teachers and staff, as well as the surrounding area, with much needed affordable housing.

Site Plan and Amenities: Our proposal uses State Density Bonus Law to deliver 88 new homes in three 3-story buildings. The site was designed to preserve the largest and healthiest four heritage oaks on site and to optimize the on-site and adjacent amenities for all new residents in this housing community.

The entrance at the end of Sheridan Drive becomes a private drive through the proposed community with parking on both sides and a total of 116 parking spaces. To enhance emergency access for all, the project proposes a reciprocal emergency access at the northeastern corner of property that will be gated but operable by emergency personnel and only for emergency fire truck access. The plan offers a generous outdoor gathering space located between Buildings 2 and 3 along the southern edge where a picnic grove with a trellis is planned, along with a communal barbeque and play equipment for two distinct age groups of children (0-5 years and 5-12 years). This area is for the apartment residents' use and includes one of the four Heritage oaks that was retained through the design and a

gated (key fob controlled for security) entry providing a connection for the resident pedestrians and bicyclists to the vast outdoor areas at Flood Park and beyond. The plan includes 14 bicycle parking spaces as required for short-term use and each of the 88 homes has a spacious private outdoor patio that can fit a bicycle on the patio or within the lockable storage room. The future apartment residents residing here will also be able to enjoy a 2,217 square foot communal room inside Building 3 that opens up to the shared outdoor space.

Through the application of a State Density Bonus, the overall density achieved is approximately 35 dwelling units per acre. Waste will be delivered by individuals to the two communal trash enclosures on the property and Recology has reviewed and approved the proposed waste management approach for the project.

Architecture: The proposal offers a variety of floorplans and bedrooms counts to maximize the appeal to families, singles and couples as follows:

	Plan 1	**Plan 2**	**Plan 3**
Quantity	42	23	23
Square Feet	600	850	1,118
# of Bedrooms	1	2	3
# of Bathrooms	1	1	2

Stylistically, the architecture was designed to complement the styles found in the surrounding neighborhood. Most of the older homes have traditional elements such as wood siding, gables, composition shingle roofs, while some newer homes have farmhouse and craftsman style elements.

The exterior appearance of our proposed buildings will be a modern farmhouse style with gable and shed roof forms and a combination of board and batten siding, horizontal siding, and exterior plaster. Well defined porches and decks will provide covered outdoor space for each of the units and articulate the building form. Roof forms will be a variety of slopes and roofing will be architectural composition shingle roofing. The railings will be painted metal and there will be wood corbels and beam end accents for additional detail. A unique but complementary color scheme will be used for each of the three buildings. Mechanical equipment will be concealed in a roof well.

Sustainability: The project will be designed to high sustainability benchmarks using LEED for Homes (Silver level), and the latest CalGreen standards, including solar, water-wise plumbing fixtures, drought-tolerant landscaping, and EV-charging stations in guest parking areas. Fifty of the parking spaces in the community will be EV spaces or EV-ready. In addition, specially landscaped features have been employed to meet the State's stringent C-3 requirements and water conservation and cleansing measures. The project will utilize heat pump HVAC system and heat pump water heating systems as the primary energy system. The project will be dual plumbed to meet the city's requirements for recycled water use. The building roofs will include photovoltaics as required to comply with the prescriptive Title 24 code requirements and the remaining energy required to meet 100% offset will be purchased from PCE or PG&E.

Approvals being requested: As described in our cover letter, we are seeking approval for the following entitlements, environmental clearance, and permits:

- Architectural Control Approval
- Environmental Review
- Below Market Rate Housing Agreement
- Use Permit, if deemed required
- Heritage Tree Removal Permit – *approved 9/10/24*

Community Outreach: Prior to making a formal application, on December 19, 2023, Alliant hosted a community outreach meeting where residents within the City-recommended 300- foot radius of the property were invited. Approximately 25 of the 60 people invited attended the meeting to learn more about the proposal and the expected timing. Community outreach is ongoing and in early February, Alliant also launched a website https://www.homesforeducators.org/ with more details about the proposal and an opportunity for the community to pose questions and comments.

In May of 2024, Alliant hosted two additional community engagement events for the two adjacent neighborhoods; one for Flood Triangle residents on May 20th and another for Suburban Park residents on May 21st. Approximately 40 to 50 residents attended these events to learn more about the proposal, to ask questions and to share their thoughts. A wide range of comments were received including concerns over added traffic being the most common concern. Many other questions and comments were related to the number of homes, the amount of parking, building heights, and estimated construction duration. Some residents expressed support for the proposal, citing that more affordable housing was needed to serve the service workers in the area. Many complimented the design changes from the first community meeting, including reducing the building height from 4 stories to 3 stories. Also, many people liked the architectural style with wood type siding.

The project was introduced to the City's Housing Commission on August 7, 2024 and received questions, comments and encouraging feedback from the Commissioners and majority of the nine residents in attendance.

The project has also been endorsed enthusiastically by the Greenbelt Alliance and The Bay Area Council, two Bay Area non-profits that are stewards of housing and the environment.

The team has also met with several neighbors and smaller groups together individually to answer questions and discuss the proposal and will continue to do so as the project progresses through the approval process. The most recent submittal included the elimination of the dog park in response to comments received from our neighbors at the May engagement events.

COX CASTLE

Cox, Castle & Nicholson LLP
50 California Street, Suite 3200
San Francisco, California 94111-4710
P: 415.262.5100 **F**: 415.262.5199

Linda C. Klein
415.262.5130
lklein@coxcastle.com

File No. 106058

January 6, 2025

VIA E-MAIL

Ms. Deanna Chow
Community Development Director
Community Development Department
City of Menlo Park
710 Laurel St.
Menlo Park, CA 94025
dmchow@menlopark.gov

RE: 320 Sheridan Drive Project Application

Dear Ms. Chow:

We represent Alliant Strategic Development, the applicant ("Applicant") of a residential development project ("Project") proposed for 320 Sheridan Drive ("Property") in the City of Menlo Park ("City"). This letter updates the State Density Bonus Law ("SDBL") requests summarized in letters dated February 29, 2024, May 13, 2024, July 26, 2024, and September 13, 2024.

This letter builds on the prior four letters and does not repeat the legal requirements that protect the Project from denial or being approved conditioned on lower density, the meaning of various provisions of SDBL, or re-explain why the Project is entitled to SDBL benefits. Instead, this letter focuses on the Project's SDBL requests and brings the total to five requested incentives.

As detailed below, the Applicant requests a density bonus, incentives, waivers, and use of SDBL parking standards. The Applicant reserves its right to request additional incentives and waivers during the entitlement process, as needed to respond to City comments.

1. State Density Bonus

a. <u>Density Bonus</u>

As discussed previously, SDBL provides the Project with an 80 percent density bonus. The Project seeks a 72 percent density bonus, to allow a total of 88 units.

b. Incentives

The Project is entitled to five incentives or concessions (called incentives in this letter). The Project seeks five incentives:

- *Above-Ground Electrical Wires*. City Municipal Code ("MPMC") section 15.16.190 requires that, absent a waiver from City Council, a developer put utility distribution facilities underground when redeveloping a property. While all new utilities serving the Project will be placed underground, the Applicant requests an incentive to waive this requirement as it relates to the existing overhead utility lines along the Property frontage to remain aboveground. Undergrounding the lines would be extremely expensive, and not undergrounding the lines results in identifiable and actual cost reductions to provide for affordable housing costs.

- *No Window Inset*. MPMC section 16.20.040(5)(C) requires all exterior windows located in solid walls be inset by a minimum of two inches from the face of the exterior finishes. The Applicant requests an incentive to waive this requirement, allowing less than a two-inch inset. Recessing windows from the exterior wall increases the cost of construction, and therefore not meeting this requirement results in identifiable and actual cost reductions to provide for affordable housing costs.

- *Alternative Means to Comply with Transit Passes*. The City/County Association of Governments ("C/CAG") generally requires developers to fund transit passes for residents. The Applicant requests to instead participate in the Go Pass Program because future Project tenants would be income-qualified for that program. As shown in the submitted Transportation Demand Management ("TDM") Plan, C/CAG stated that the City may allow the proposed substitution. The Applicant thus requests to use an incentive to substitute participation in the Go Pass Program for the requirement to provide transit subsidies. This substitution results in identifiable and actual cost reductions to provide for affordable housing costs.

- *No LEED Certification.* MPMC section 16.20.050(1) requires that new residential construction comply with Table 16.20.050(1)(B), which imposes a requirement that new construction between 10,000 square feet and 100,000 square feet be "[d]esigned to meet LEED Silver BD+C." Footnote 1 to Table 16.20.050(1)(B) indicates in part that the "applicant must complete all applicable LEED certification documents prior to approval of the final inspection for the building permit to be reviewed either for LEED certification, or for verification by a third party approved by the city for which the applicant will pay for review and/or certification." While the Project would be designed to meet the required LEED standards, the Applicant seeks an incentive to waive any certification

requirements because certification is expensive. By negating the certification costs, this incentive results in identifiable and actual cost reductions to provide for affordable housing costs.

- *No Pre-Plumbing for Recycled Water*. MPMC section 16.20.050(3)(D) requires all new buildings to be dual plumbed for the internal use of recycled water. The Applicant requests an incentive to not pre-plumb the Project for recycled water. There is no recycled water available now or in the foreseeable future for the Project's location. Not pre-plumbing for recycled water saves hundreds of thousands of dollars in construction costs and thus results in an identifiable and actual cost saving to provide for affordable housing.

c. Waivers

SDBL provides the Project unlimited waivers. To accommodate the density permitted, the Applicant requests the following 10 waivers:

- *Floor Area Ratio ("FAR")*. MPMC section 16.20.030 limits FAR to 45 percent. The Applicant requests a waiver to allow an FAR greater than 45 percent. This waiver is necessary to avoid the loss of floor area needed to accommodate the permitted density.

- *Height*. MPMC section 16.20.030 limits heights to 35 feet. The Applicant requests a waiver to allow heights up to 40 feet. This waiver is necessary to avoid the loss of top floor units and to support the density permitted.

- *Driveways and Open Parking Areas (Paving)*. MPMC section 16.20.030 limits driveways and open parking areas (paving) to 20 percent of the land area. The Applicant requests a waiver to allow paving over 48.2 percent of the Property. This waiver is necessary to allow the Project at the density and with the parking amenities proposed. Absent this waiver, the Project would have to reduce parking and associated units.

- *Land Area Required Per Dwelling Unit*. MPMC section 16.20.030 requires 2,178 square feet of land area per unit. The Applicant requests a waiver to allow 1,237 square feet of land area per unit. This waiver is necessary to allow the Project to achieve the density of 88 units, as permitted under SDBL.

- *Setbacks*. MPMC section 16.20.030 requires the following setbacks: front—15 percent of lot width with a minimum of 20 feet; corner side—15 feet; and rear—15 percent of lot width with a minimum of 15 feet. The Applicant requests a waiver to allow the setbacks listed in the preceding sentence to be 10 feet. This waiver is necessary to allow the Project at the density proposed. Absent this

waiver, the Project would have to reduce building footprints, which would reduce units.

- *Façade Modulation*. MPMC section 16.20.040(2) requires minor and major façade modulations, together with four-foot minimum height modulation and major change in fenestration pattern. The Applicant requests a waiver to these requirements because the only way to comply with them would be to alter unit layout in a manner that would reduce the units provided with the amenities proposed.

- *Building Profile*. MPMC section 16.20.040(3) has building profile standards, including a requirement for a 45-degree building profile beginning at 25 feet high. The Applicant requests a waiver to this requirement because this requirement would physically preclude construction of that project as designed and at the density proposed.

- *Parking Lot Tree Islands*. MPMC section 16.20.040(8)(F) requires at least one tree with a minimum size of a twenty-four-inch box for every eight parking spaces. The Applicant requests a waiver to provide fewer trees in the parking lot. To fit more trees in the parking lot would require more space for the parking lot for tree islands, reducing building area and units.

- *Bicycle Parking*. MPMC section 16.20.030 requires 1.5 long-term bicycle parking spaces per unit and ten percent additional short-term bicycle parking spaces for guests. At these ratios, the Project requires 132 long-term bicycle parking spaces and 14 short-term spaces. The Project provides 88 long-term bicycle parking spaces on unit balconies and 14 short-term bicycle parking spaces. The Applicant requests a waiver to the long-term bicycle parking requirements because it cannot accommodate additional long-term bicycle parking (such as a bicycle storage room) in the Project as designed with the density proposed.

- *Fence in Front Yard Setback.* MPMC section 16.64.020(a) limits fence heights in the front setback to four feet. The Project requires a six-foot fence, which is consistent with existing fences around the Property. The Applicant requests a waiver to the City's requirement to allow a six-foot fence, consistent with existing fences, in its front yard setback. Absent this waiver, the Project would need to be less dense to make space for the fence outside the front yard setback.

d. Parking Reduction

MPMC section 16.20.030 requires two parking spaces per unit, one of which must be covered, and that the spaces not be in a required front or side yard. SDBL provides its own

parking maximums and standards. Under SDBL, the following ratios, inclusive of guest and ADA parking, apply:

Unit Size	**Parking Maximum**
One Bedroom	1
Two and Three Bedrooms	1.5

(Gov. Code, § 65915, subd. (p)(1).) SDBL also allows a development to "provide onsite parking through tandem parking or uncovered parking." (*Id.*, subd. (p)(4).)

Using SDBL's requirements, the Project requires 111 parking spaces. The Project would provide at least 111 uncovered parking spaces. Accordingly, the Project meets SDBL parking requirements.

* * *

The Applicant remains concerned about the Project schedule, which could cost the Project its ability to obtain a tax credit allocation. Accordingly, we request that the City do everything within its ability to expedite Project processing. Please do not hesitate to contact me if you have any questions regarding this matter.

Sincerely,

Linda C. Klein

Cc: Nira Dougherty, Esq.
John Shaw
Steven Spielberg
Katia Kamangar

This document is recorded for the benefit of the City of Menlo Park and is entitled to be recorded free of charge in accordance with Sections 6103 and 27383 of the Government Code.

RECORDING REQUESTED BY
AND WHEN RECORDED MAIL TO:

City of Menlo Park
Attn: City Clerk
701 Laurel Street
Menlo Park, CA 94025

BELOW MARKET RATE AND STATE DENSITY BONUS LAW HOUSING AGREEMENT

AND DECLARATION OF RESTRICTIVE COVENANTS

(320 Sheridan Drive)

THIS BELOW MARKET RATE AND STATE DENSITY BONUS LAW HOUSING AGREEMENT AND DECLARATION OF RESTRICTIVE COVENANTS ("**Agreement**") is entered into as of _____, 2024, by and between the City of Menlo Park, a California municipal corporation ("**City**"), and Alliant Strategic Development, LLC, a Delaware limited liability company ("**Developer**"). City and Developer may be referred to individually as a "**Party**" or collectively as the "**Parties**" in this Agreement.

RECITALS

A. Developer is the lessee of that certain real property located at 320 Sheridan Drive (APN 055-303-110), in the City of Menlo Park, California ("**Property**"), as more particularly described in Exhibit A attached hereto and incorporated herein by this reference.

B. Developer applied to develop a vacant site formerly used as a school (the "**Project Site**") with 87 affordable housing units ("**Affordable Units**") and one manager's unit, with associated landscaping and parking (the "**Project**"). The 87 Affordable Units shall be affordable to very-low-income households ("**Very Low Income Units**") and low income households ("**Low Income Units**"), with an allowance for up to twenty (20) percent of the units to be affordable to moderate income households ("**Moderate Income Units**").

C. The Property's zoning permits a density of twenty (20) dwelling units per acre, which yields a maximum of 51 units, which is exclusive of any units allowed pursuant to the State Density Bonus Laws (Government Code 65915 et seq. or the "**SDBL**"). Menlo Park Municipal Code section 16.96.020 (the "**Inclusionary Ordinance**") requires that fifteen percent of the 51 units be reserved as very low, low and/or moderate income units ("**BMR Units**"), resulting in eight

(8) BMR Units. The remaining 79 affordable units ("**SDBL Units**") are subject to a deed restriction pursuant to SDBL. The term "**Affordable Units**" refers to both the BMR Units and SDBL Units.

D. Pursuant to SDBL, Developer has requested and received a seventy-two (72) percent density bonus, to allow a total of 88 units, concessions, waivers, and use of SDBL parking standards (collectively, "**SDBL Benefits**"), consistent with Government Code section 65915.

E. On _____, 2024, after a duly noticed public hearing, and on the recommendation of the Housing Commission and the Planning Commission, the City Council found that the Project is exempt from CEQA under the Infill Exemption and granted a Use Permit, Architectural Control, Heritage Tree Removal, SDBL Benefits, and a below market rate housing agreement (this Agreement or "**BMR Housing Agreement**") for the Project ("**Project Approvals**"). In accordance with the Menlo Park Municipal Code Chapter 16.96, the Below Market Rate Housing Program ("**BMR Ordinance**"), Menlo Park Municipal Code Chapter 16.97, the SDBL Housing Program, and for the units subject to the BMR Ordinance, the Below Market Rate Housing Program Guidelines ("**Guidelines**") to the extent applicable, Developer is required to execute and record an approved BMR and SDBL Housing Agreement as a condition precedent to approval of the issuance of a building permit for the Project. This Agreement is intended to satisfy that requirement.

F. Developer has agreed to observe all the terms and conditions set forth below for purposes of development and operation of the Affordable Units. This Agreement will ensure the Project's continuing affordability.

NOW, THEREFORE, the Parties hereto agree as follows. The recitals are incorporated into this Agreement by this reference.

1. CONSTRUCTION OF THE IMPROVEMENTS.

1.1 Construction of the Project. Developer agrees to construct the Project in accordance with the Menlo Park Municipal Code and all other applicable state and local building codes, development standards, ordinances, and zoning ordinances.

1.2 City and Other Governmental Permits. Before commencement of the Project, Developer shall secure or cause its contractor to secure any and all permits which may be required by the City or any other governmental agency affected by such construction, including without limitation building permits. Developer shall pay all necessary fees and timely submit to the City final drawings with final corrections to obtain such permits; City staff will, without incurring liability or expense therefore, process applications in the ordinary course of business for the issuance of building permits and certificates of occupancy for construction that meets the requirements of the Menlo Park Municipal Code, and all other applicable laws and regulations.

1.3 Compliance with Laws. Developer shall carry out the design, construction and operation of the Project in conformity with all applicable laws, including all applicable state labor

standards, City zoning and development standards, building, plumbing, mechanical and electrical codes, and all other provisions of the Menlo Park Municipal Code, and all applicable disabled and handicapped access requirements, including without limitation the applicable requirements in the Americans With Disabilities Act, 42 U.S.C. Section 12101, *et seq.*, Government Code Section 4450, *et seq.*, Government Code Section 11135, *et seq.*, and the Unruh Civil Rights Act, Civil Code Section 51, *et seq.*

2. OPERATION OF THE AFFORDABLE UNITS

2.1 Affordability Period. This Agreement shall remain in effect and the Property, shall be subject to the requirements of this Agreement from the date that the City issues a final certificate of occupancy for the Project (the "**Effective Date**") until the 55th anniversary of such Effective Date. The duration of this requirement shall be known as the "**Affordability Period**."

2.2 Maintenance. Developer shall comply with every condition of the Project Approvals applicable to the Project and shall, at all times, maintain the Project and the Property in good repair and working order, reasonable wear and tear excepted, and in a safe and sanitary condition, and from time to time shall make all necessary and proper repairs, renewals, and replacements to keep the Project and the Property in a good, clean, safe, and sanitary condition.

2.3 Monitoring and Recordkeeping. Throughout the Affordability Period, Developer shall comply with all applicable recordkeeping and monitoring requirements set forth in the Guidelines. City shall have the right to inspect the books and records of Developer and its rental agent or bookkeeper upon reasonable notice during normal business hours. Representatives of the City shall be entitled to enter the Property, upon at least 48-hour prior written notice, which can be provided via email, to monitor compliance with this Agreement, to inspect the records of the Project with respect to the Affordable Units, and to conduct, or cause to be conducted, an independent audit or inspection of such records. Developer agrees to cooperate with the City in making the Property available for such inspection or audit. Developer agrees to maintain records in businesslike manner, and to maintain such records for Affordability Period.

2.4 Non-Discrimination Covenants. Developer covenants by and for itself, its successors and assigns, and all persons claiming under or through them that there shall be no discrimination against or segregation of any person or group of persons on account of race, color, religion, sex, marital status, familial status, disability, national origin, or ancestry in the sale, lease, sublease, transfer, use, occupancy, tenure, or enjoyment of the Property, nor establish or permit any such practice or practices of discrimination or segregation with reference to the selection, location, number, use or occupancy of tenants, lessees, subtenants, sublessees, or vendees in the Property. Developer shall include such provision in all leases, contracts and other instruments executed by Developer, and shall enforce the same diligently and in good faith.

a. In leases, the following language shall appear:

(1) The lessee herein covenants by and for the lessee and lessee's heirs, personal representatives and assigns, and all persons claiming under the lessee or through the lessee, that this lease is made subject to the condition that there shall be no discrimination against or segregation of any person or of a group of persons on account of race, color, creed, religion, sex, sexual orientation, marital status, national origin, ancestry or disability in the leasing, subleasing, transferring, use, occupancy, tenure or enjoyment of the property herein leased nor shall the lessee or any person claiming under or through the lessee establish or permit any such practice or practices of discrimination of segregation with reference to the selection, location, number, use or occupancy of tenants, lessees, sublessees, subtenants, or vendees in the property herein leased.

(2) Notwithstanding paragraph (1), with respect to familial status, paragraph (1) shall not be construed to apply to housing for older persons, as defined in Section 12955.9 of the Government Code. With respect to familial status, nothing in paragraph (1) shall be construed to affect Sections 51.2, 51.3, 51.4, 51.10, 51.11 and 799.5 of the Civil Code, relating to housing for senior citizens. Subdivision (d) of Section 51 and Section 1360 of the Civil Code and subdivisions (n), (o), and (p) of Section 12955 of the Government Code shall apply to paragraph (1).

b. In contracts pertaining to management of the Project, the following language, or substantially similar language prohibiting discrimination and segregation shall appear:

(1) There shall be no discrimination against or segregation of any person or group of persons on account of any basis listed in subdivision (a) or (d) of Section 12955 of the Government Code, as those bases are defined in Sections 12926, 12926.1, subdivision (m) and paragraph (1) of subdivision (p) of Section 12955, and Section 12955.2 of the Government Code, in the sale, lease, sublease, transfer, use, occupancy, tenure or enjoyment of the property nor shall the transferee or any person claiming under or through the transferee establish or permit any such practice or practices of discrimination or segregation with reference to selection, location, number, use or occupancy of tenants, lessee, subtenants, sublessees or vendees of the land.

(2) Notwithstanding paragraph (1), with respect to familial status, paragraph (1) shall not be construed to apply to housing for older persons, as defined in Section 12955.9 of the Government Code. With respect to familial status, nothing in paragraph (1) shall be construed to affect Sections 51.2, 51.3, 51.4, 51.10, 51.11 and 799.5 of the Civil Code, relating to

housing for senior citizens. Subdivision (d) of Section 51 and Section 1360 of the Civil Code and subdivisions (n), (o), and (p) of Section 12955 of the Government Code shall apply to paragraph (1).

2.5 Subordination. This Agreement shall be recorded in the Official Records of the County of San Mateo and shall run with the land. The City agrees that the City will not withhold consent to reasonable requests for subordination of this Agreement for the benefit of lenders providing financing for the Project, provided that the instruments effecting such subordination include reasonable protections to the City in the event of default, including without limitation, extended notice and cure rights.

3. TENANT QUALIFICATION AND RENTAL RATES OF AFFORDABLE UNITS

3.1 BMR Units. Developer agrees to make available, restrict occupancy to, and lease not less than eight (8) BMR Units and seventy-nine (79) SDBL Units to Qualifying Households, as hereinafter defined, at an affordable rent, pursuant to the terms set forth below. Pursuant to Government Code section 65915(b)(1)(G), no more than twenty (20) percent of the SDBL Units shall be Moderate Income Units. The last unit in the Project shall be occupied by the Project's manager.

3.2 Qualifying Households. For purposes of this Agreement, "**Qualifying Households**" shall mean those households with incomes as follows or lower:

a. "**Very Low-Income Unit**": means units restricted to households with incomes of not more than fifty percent (50%) of AMI. "AMI" means the median income for San Mateo County, California, adjusted for Actual Household Size, as published from time to time by the State of California Department of Housing and Community Development in Section 6932 of Title 25 of the California Code of Regulations or successor provision. Qualifying Households shall continue to qualify unless at the time of recertification, the household's income exceeds the Very Low-Income eligibility requirements, then the tenant shall no longer be qualified. Upon Developer's determination that any such household is no longer qualified, the unit shall no longer be deemed a Very Low Income Unit and the Developer shall either (1) make the next available Very Low Income Unit or take other actions as may be necessary to ensure that the total required number of Very Low Income Units are rented to Qualifying Households, or (2) if the tenant's income does not exceed one hundred twenty (120%) of the maximum income that would qualify the Tenant as a Very Low Income Household, the tenant shall be allowed to remain in the unit at a Very Low Income rent.

b. "**Low Income Unit**": means units restricted to households with incomes of not more than eighty percent (80%) of AMI. "AMI" means the median

income for San Mateo County, California, adjusted for Actual Household Size, as published from time to time by the State of California Department of Housing and Community Development in Section 6932 of Title 25 of the California Code of Regulations or successor provision. Qualifying Households shall continue to qualify unless at the time of recertification, the household's income exceeds the Low-Income eligibility requirements, then the tenant shall no longer be qualified. Upon Owner's determination that any such household is no longer qualified, the unit shall no longer be deemed a Low Income Unit, and the Owner shall either (1) make the next available unit, which is comparable in terms of size, features and number of bedrooms, a Low Income Unit, or take other actions as may be necessary to ensure that the total required number of Low Income Units are rented to Qualifying Households, or (2) if the tenant's income does not exceed one hundred twenty (120%) of the maximum income that would qualify the Tenant as a Low Income Household, the tenant shall be allowed to remain in the unit at a Low Income rent.

c. "**Moderate Income Unit**": means units restricted to households with incomes of not more than one hundred and twenty percent (120%) of AMI. "AMI" means the median income for San Mateo County, California, adjusted for Actual Household Size, as published from time to time by the State of California Department of Housing and Community Development in Section 6932 of Title 25 of the California Code of Regulations or successor provision. Qualifying Households shall continue to qualify unless at the time of recertification, the household's income exceeds the Moderate-Income eligibility requirements, then the tenant shall no longer be qualified. Upon Owner's determination that any such household is no longer qualified, the unit shall no longer be deemed a Moderate Income Unit, and the Owner shall make the next available unit, which is comparable in terms of size, features and number of bedrooms, a Low Income Unit, or take other actions as may be necessary to ensure that the total required number of Low Income Units are rented to Qualifying Households. SDBL permits up to twenty (20) percent of the units to be rented to Moderate Income households. Notwithstanding the foregoing, if the Project is encumbered by a Tax Credit Regulatory Agreement, the Affordable Units shall be restricted to households with income levels permitted under the Tax Credit Regulatory Agreement.

d. Notwithstanding anything to the contrary contained herein, if the Project is encumbered by a Tax Credit Regulatory Agreement and there is a conflict between this Agreement and the Tax Credit Regulatory Agreement, the Tax Credit Regulatory Agreement shall govern. Notwithstanding anything to the contrary contained herein, when the Project is encumbered by a Tax Credit

Regulatory Agreement, the monthly rent for the Affordable Units shall be set at an amount consistent with the maximum rent levels for lower income households, as those rents are incomes are determined using the Tax Credit Allocation Committee ("**TCAC**") rules and regulations, except that, consistent with Government Code section 65915 subdivision (c)(1)(B)(ii), twenty (20) percent of the Affordable Units shall be set at an affordable rent as defined in Section 50053 of the Health and Safety Code.

3.3 Income Verification and Annual Report. On or before July 1 of each year, commencing with the calendar year that the first residential unit in the Project is rented to a tenant, and annually thereafter, Developer shall obtain from each household occupying an Affordable Unit and submit to the City an income computation and certification form, completed by a tenant of such unit, which shall certify that the income of each Qualifying Household is truthfully set forth in the income certification form, in the form proposed by the Developer and approved by the Deputy Director ("**Annual Report**"). Developer shall make a good faith effort to verify that each household leasing an Affordable Unit meets the income and eligibility restrictions for the Affordable Unit by taking making a reasonable effort to obtain one or more of the following documents: (a) obtain a minimum of the three (3) most current pay stubs for all adults age eighteen (18) or older; (b) obtain an income tax return for the most recent tax year; (c) conduct a credit agency or similar search; (d) obtain the three (3) most current savings and checking account bank statements; (e) obtain an income verification form from the applicant's current employer; (f) obtain an income verification form from the Social Security Administration and/or the California Department of Social Services if the applicant receives assistance from either of such agencies; or (g) if the applicant is unemployed and has no such tax return, obtain another form of independent verification. Copies of tenant income certifications shall be available to the City upon request. The Annual Report shall, at a minimum, include the following information for each Affordable Unit: number of bedrooms, current rent and other charges, dates of any vacancies during the reporting period, number of people residing in the unit, total household Gross Income, and lease commencement and termination dates. The Report shall also provide a statement of the owner's management policies, communications with the tenants and maintenance of the BMR Unit, including a statement of planned repairs to be made and the dates for the repairs. Notwithstanding anything to the contrary contained herein, for so long as the Project is encumbered a Regulatory Agreement from the California Tax Credit Allocation Committee ("**Tax Credit Regulatory Agreement**") due to the Project's receipt of federal/and or state low-income housing tax credits, copies of any annual reporting required by the Tax Credit Regulatory Agreement delivered to the City shall satisfy the requirements of this Section.

3.4 Affordable Rent. The maximum Monthly Rent, defined below, chargeable for the Affordable Units and paid shall be as follows:

a. "**Very Low-Income Household**": maximum Monthly Rent shall be 1/12th of thirty (30) percent of fifty (50) percent of the AMI. The Monthly Rent for a Very Low Income Unit rented to a Very Low Income Household and

paid by the household shall be based on an assumed average occupancy per unit of one person per studio unit, 1.5 persons for a one- bedroom unit, 3 persons for a two-bedroom unit and 4.5 persons for a three- bedroom unit, unless otherwise approved by the Deputy Director for an unusually large unit with a maximum of two persons per bedroom, plus one.

b. "**Low-Income Household**": shall be 1/12th of thirty (30) percent of eighty (80) percent of the AMI. The Monthly Rent for a Low Income Unit rented to a Low Income Household and paid by the household shall be based on an assumed average occupancy per unit of one person per studio unit, 1.5 persons for a one-bedroom unit, 3 persons for a two-bedroom unit and 4.5 persons for a three-bedroom unit, unless otherwise approved by the Deputy Director for an unusually large unit with a maximum of two persons per bedroom, plus one.

c. "**Moderate Income Household**": shall be 1/12th of thirty (30) percent of one hundred ten (110) percent of the AMI. In addition, for those Moderate-Income Households whose gross incomes exceed one hundred ten (110) percent of the AMI adjusted for family size, the affordable rent shall be 1/12th of thirty (30) percent of the actual gross income of the household. The Monthly Rent for a Moderate Income Unit rented to a Moderate Income Household and paid by the household shall be based on an assumed average occupancy per unit of one person per studio unit, 1.5 persons for a one-bedroom unit, 3 persons for a two-bedroom unit and 4.5 persons for a three-bedroom unit, unless otherwise approved by the Deputy Director for an unusually large unit with a maximum of two persons per bedroom, plus one. If a Moderate Income Unit is a BMR Unit, the Monthly Rent shall comply with the requirements in the BMR Guidelines in effect when the Developer submitted the Project's complete Application pursuant to Government Code section 65941.1 ("**Preliminary Application Date**").

d. Notwithstanding anything to the contrary contained herein, if the Project is encumbered by a Tax Credit Regulatory Agreement and there is a conflict between the provisions of this Agreement and the provisions of such Tax Credit Regulatory Agreement regarding rent, utility allowance, and/or household size appropriate for each unit, the Tax Credit Regulatory Agreement shall govern. Notwithstanding anything to the contrary contained herein, when the Project is encumbered by a Tax Credit Regulatory Agreement, the monthly rent and AMI may be determined using the TCAC rules and regulations, except that, consistent with Government Code section 65915 subdivision (c)(1)(B)(ii), twenty (20) percent of the Affordable Units shall be set at an affordable rent as defined

in Section 50053 of the Health and Safety Code.

For purposes of this Agreement, "**Monthly Rent**" means the total of monthly payments actually made by the household for (a) use and occupancy of each Affordable Unit and land and facilities associated therewith, (b) any separately charged fees or service charges assessed by Developer which are required of all tenants, other than security deposits, (c) a reasonable allowance for an adequate level of service of utilities not included in (a) or (b) above, and which are not paid directly by Developer, including garbage collection, sewer, water, electricity, gas and other heating, cooking and refrigeration fuels, but not including telephone or internet service, which reasonable allowance for utilities is set forth in the County of San Mateo's Utility Allowance Schedule for detached homes, apartments, condominiums and duplexes or as determined by the California Utility Allowance Calculator developed by the California Energy Commission, and (d) possessory interest, taxes or other fees or charges assessed for use of the land and facilities associated therewith by a public or private entity other than Developer.

3.5 Agreement to Limitation on Rents. Pursuant to Government Code section 65915, Developer hereby agrees to limit Monthly Rent as provided in this Agreement in consideration of Developer's receipt of benefits under State Density Bonus Law. Developer further warrants and covenants that the terms of this Agreement are fully enforceable.

3.6 Lease Requirements. No later than 60 days prior to the initial lease up of the BMR Units, Developer shall submit a standard lease form to the City for approval by the Deputy Director or his/her designee. The City shall reasonably approve such lease form upon finding that such lease form is consistent with this Agreement. The City's failure to respond to Developer's request for approval of the standard lease form within twenty (20) business days of City's receipt of such lease shall be deemed City's approval of such lease form. Developer shall enter into a written lease, in the form approved by the City, with each new tenant of a BMR Unit prior to a tenant or tenant household's occupancy of a BMR Unit. Each lease shall be for an initial term of not less than one year which may be renewed pursuant to applicable local and State laws, and shall not contain any of the provisions which are prohibited pursuant to the Agreement, local, state and Federal laws.

3.7 Selection of Tenants. Each BMR Unit shall be leased to tenant(s) selected by Developer in accordance with the requirements of the Guidelines, including, but not limited to the requirement that priority be given to those eligible households with a minimum of one household member who either lives or works in the City of Menlo Park, or meet at least one of the other preferences identified in the Guidelines. The City's BMR Administrator, on behalf of the City will provide to Developer the names of persons who have expressed interest in renting BMR Units for the purposes of adding such interested persons to Developer's waiting list, to be processed in accordance with the Developer's customary policies. Developer shall not refuse to lease to a holder of a certificate or a rental voucher under the Section 8 program or other tenant-based assistance program, who is otherwise qualified to be a tenant in accordance with the approved tenant selection criteria. Each SDBL Unit shall be leased to a Qualifying Household.

3.8 BMR Guidelines. The BMR Units shall be subject to the BMR Guidelines except as pre-empted or inconsistent with state or federal law. The Developer has the right but not the obligation to comply with any or all of the BMR Guidelines for the SDBL Units.

4. DEFAULT AND REMEDIES

4.1 Events of Default. The following shall constitute an "Event of Default" by Developer under this Agreement: there shall be a material breach of any condition, covenant, warranty, promise or representation contained in this Agreement and such breach shall continue for a period of thirty (30) days after written notice thereof to the Developer without the Developer curing such breach, or if such breach cannot reasonably be cured within such 30 day period, commencing the cure of such breach within such 30 day period and thereafter diligently proceeding to cure such breach; provided, however, that if a different period or notice requirement is specified for any particular breach under any other paragraph of Section 4 of this Agreement, the specific provision shall control.

4.2 Remedies. The occurrence of any Event of Default under Section 4.1 shall give the City the right to proceed with an action in equity to require the Developer to specifically perform its obligations and covenants under this Agreement or to enjoin acts or things which may be unlawful or in violation of the provisions of this Agreement, and the right to terminate this Agreement.

4.3 Obligations Personal to Developer. The liability of Developer under this Agreement to any person or entity is limited to Developer's interest in the Project, and the City and any other such persons and entities shall look exclusively thereto for the satisfaction of obligations arising out of this Agreement or any other agreement securing the obligations of Developer under this Agreement. From and after the date of this Agreement, no deficiency or other personal judgment, nor any order or decree of specific performance (other than pertaining to this Agreement, any agreement pertaining to any Project or any other agreement securing Developer's obligations under this Agreement), shall be rendered against Developer, the assets of Developer (other than Developer's interest in the Project), its partners, members, successors, transferees or assigns and each of their respective officers, directors, employees, partners, agents, heirs and personal representatives, as the case may be, in any action or proceeding arising out of this Agreement or any agreement securing the obligations of Developer under this Agreement, or any judgment, order or decree rendered pursuant to any such action or proceeding. No subsequent Developer of the Project shall be liable or obligated for the breach or default of any obligations of Developer under this Agreement on the part of any prior Developer. Such obligations are personal to the person who was the Developer at the time the default or breach was alleged to have occurred and such person shall remain liable for any and all damages occasioned thereby even after such person ceases to be the Developer. Each Developer shall comply with and be fully liable for all obligations the Developer hereunder during its period of ownership of the Project.

4.4 Force Majeure. Subject to the Party's compliance with the notice requirements as set forth below, performance by either party hereunder shall not be deemed to be in default, and all performance and other dates specified in this Agreement shall be extended, where delays or defaults are due to causes beyond the control and without the fault of the party claiming an extension of time to perform, which may include, without limitation, the following: war, insurrection, strikes, lockouts, riots, floods, earthquakes, fires, assaults, acts of God, acts of the public enemy, epidemics, quarantine restrictions, freight embargoes, lack of transportation, governmental restrictions or priority, litigation, unusually severe weather, inability to secure necessary labor, materials or tools, acts or omissions of the other party, or acts or failures to act of any public or governmental entity (except that the City's acts or failure to act shall not excuse performance of the City hereunder). An extension of the time for any such cause shall be for the period of the enforced delay and shall commence to run from the time of the commencement of the cause, if notice by the party claiming such extension is sent to the other party within 30 days of the commencement of the cause.

4.5 Attorneys' Fees. In addition to any other remedies provided hereunder or available pursuant to law, if either party brings an action or proceeding to enforce, protect or establish any right or remedy hereunder, the prevailing party shall be entitled to recover from the other party its costs of suit and reasonable attorneys' fees. This Section shall be interpreted in accordance with California Civil Code Section 1717 and judicial decisions interpreting that statute.

4.6 Remedies Cumulative. No right, power, or remedy given by the terms of this Agreement is intended to be exclusive of any other right, power, or remedy; and each and every such right, power, or remedy shall be cumulative and in addition to every other right, power, or remedy given by the terms of any such instrument, or by any statute or otherwise.

4.7 Waiver of Terms and Conditions. The City may, in its sole discretion, waive in writing any of the terms and conditions of this Agreement. Waivers of any covenant, term, or condition contained herein shall not be construed as a waiver of any subsequent breach of the same covenant, term, or condition.

4.8 Non-Liability of City Officials and Employees. No member, official, employee or agent of the City shall be personally liable to Developer or any occupant of any BMR Unit, or any successor in interest, in the event of any default or breach by the City or for any amount which may become due to the Developer or its successors, or on any obligations under the terms of this Agreement.

4.9 Cure Rights. Notwithstanding anything to the contrary contained herein, City hereby agrees that any cure of any default made or tendered by (i) Developer's limited partner, or (ii) Developer's senior mortgage lender, shall be deemed to be a cure by Developer and shall be accepted or rejected on the same basis as if made or tendered by Developer.

5. GENERAL PROVISIONS

5.1 Below Market Rate Guidelines ("Guidelines"). This Agreement incorporates by reference the Guidelines as of the Preliminary Application Date. In the event of any conflict or ambiguity between this Agreement, the requirements of state and federal fair housing laws and the Guidelines, the terms and conditions of this Agreement and the requirements of state and federal fair housing laws shall control. In the event of any conflict or ambiguity between this Agreement and the requirements of state and federal fair housing laws, the requirements of state and federal fair housing laws shall control.

5.2 Time. Time is of the essence in this Agreement.

5.3 Notices. Unless otherwise indicated in this Agreement, any notice requirement set forth herein shall be deemed to be satisfied three days after mailing of the notice first-class United States certified mail, postage prepaid, or at the time of personal delivery, addressed to the appropriate party as follows:

Developer: Alliant Strategic Development
26050 Mureau Road, Suite 101
Calabasas, California 91302
Attention: Steven Spielberg
Email: Steven.S@Alliantcd.com
Phone: (310) 991-4757

With a copy to:

Cox, Castle & Nichsolson, LLP
50 California Street, Suite 3200
San Francisco, California 94111
Attention: Linda Klein
Email: lklein@coxcastle.com
Phone: (415) 262-5130

City : City of Menlo Park
701 Laurel Street
Menlo Park, California 94025-3483
Attention: City Manager
Email:
Phone:

Such addresses may be changed by notice to the other party given in the same manner as provided above.

5.4 Successors and Assigns. This Agreement constitutes a covenant and legal restriction on the Property and shall run with the land, provided the Project remains on the

Property, and all of the terms, covenants and conditions of this Agreement shall be binding upon Developer and the permitted successors and assigns of Developer.

5.5 Intended Beneficiaries. The City is the intended beneficiary of this Agreement and shall have the sole and exclusive power to enforce this Agreement to satisfy its obligations to improve, increase and preserve affordable housing within the City, as required by the Guidelines, and to provide that a certain percentage of new housing is made available at affordable housing cost to persons and families of very low, low and moderate incomes as required by the Guidelines and SDBL. No other person or persons, other than the City and Developer and their assigns and successors, shall have any right of action hereon.

5.6 Partial Invalidity. If any provision of this Agreement shall be declared invalid, illegal, or unenforceable, the validity, legality, and enforceability of the remaining provisions hereof shall not in any way be affected or impaired.

5.7 Governing Law. This Agreement and other instruments given pursuant hereto shall be construed in accordance with and be governed by the laws of the State of California. Any references herein to particular statutes or regulations shall be deemed to refer to successor statutes or regulations, or amendments thereto. The venue for any action shall be the County of San Mateo.

5.8 Amendment. This Agreement may not be changed orally, but only by agreement in writing signed by Developer and the City.

5.9 Approvals. Where an approval or submission is required under this Agreement, such approval or submission shall be valid for purposes of this Agreement only if made in writing. Where this Agreement requires an approval or consent of the City, such approval shall not be unreasonably withheld may be given on behalf of the City by the City Manager or his or her designee. The City Manager or his or her designee is hereby authorized to take such actions as may be necessary or appropriate to implement this Agreement, including without limitation the execution of such documents or agreements as may be contemplated by this Agreement, and amendments which do not substantially change the uses or restrictions hereunder, or substantially add to the costs of the City hereunder.

5.10 Indemnification. To the greatest extent permitted by law, Developer shall indemnify, defend (with counsel reasonably approved by City) and hold the City, its heirs, successors and assigns (the "**Indemnitees**") harmless from and against any and all demands. losses, claims, costs and expenses, and any other liability whatsoever, including without limitation, reasonable accountants' and attorneys' fees, charges and expense (collectively, "**Claims**") arising directly or indirectly, in whole or in part, as a result of or in connection with Developer's construction, management, or operation of the Property and the Project or any failure to perform any obligation as and when required by this Agreement. Developer's indemnification obligations under this Section 5.9 shall not extend to Claims to the extent resulting from the gross negligence or willful misconduct of Indemnitees. The provisions of this Section 5.9 shall survive the

expiration or earlier termination of this Agreement, but only as to claims arising from events occurring during the Affordability Period.

5.11 Insurance Coverage. Throughout the Affordability Period, Developer shall comply with the insurance requirements set forth in Exhibit B, attached hereto and incorporated herein by this reference, and shall, at Developer's expense, maintain in full force and effect insurance coverage as specified in Exhibit B.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement as of the date and year set forth above.

6.

SIGNATURES ON FOLLOWING PAGE(S).

DEVELOPER:

Alliant Strategic Development, LLC, a Delaware limited liability company

By:_____

Its:

CITY:

CITY OF MENLO PARK, a California municipal corporation

By:_____
City Manager

ATTEST:

By:_____
City Clerk

List of Exhibits:
Exhibit A: Property Description
Exhibit B: Insurance Requirements

Exhibit A
Property Description

7.

8. Exhibit B: Insurance Requirements

EXHIBIT E

ARBORIST REPORT

TREE PROTECTION PLAN

REVISED JULY 26, 2024

PREPARED FOR: ALLIANT STRATEGIC DEVELOPMENT

SITE ADDRESS:
320 SHERIDAN DR. • MENLO PARK, CA 94025

BO FIRESTONE TREES & GARDENS
2150 LACEY DR., MILPITAS, CA 95035
E: BUSARA@BOFIRESTONE.COM C: (408) 497-7158
WWW.BOFIRESTONE.COM

BUSARA FIRESTONE #WE-8525B
KAITLYN MEYER #WE-14992A
ON STAFF

ASCA RCA #758
Registered Consulting Arborist®

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Introduction

ARBORIST ASSIGNMENT

On April 5th, 2023, at the request of Kevin Kohan, I visited 320 Sheridan Dr. in the role of Project Arborist. The purpose was to perform the assessments and data collections as necessary to create an industry-standard Tree Protection Report for their project permit. It was my understanding that the existing parcel would be developed to create an affordable multi-family housing complex. Most parts of the existing parcel would be paved. The assessments in this report were based on review of the following:

- Site Plan by KPFF (received 02/26/2024)
- Boundary and Topographic Survey by Morrow Surveying (dated 07/31/2023)
- Landscape Plan L-1.1 – L-3 by Alliant Strategic Development (dated 02/26/2024)
    - Including Landscape Plan, Wall and Fence Plan, and Wall and Fence Details
- Civil Engineering Plan C-1 – C-10 by KPFF (revised 07/26/2024)
    - Including Utility Plan, Grading and Drainage Plan, Bioretention Details, and Site Tree Plan

My inventory included a total of 36 trees over six inches (6" DBH). There were 28 trees of Heritage size, consisting of a mix of coast live oak (*Quercus agrifolia)*, redwood (*Sequoia sempervirens*), Monterey pine (*Pinus radiata*), and valley oak (*Quercus lobata*). Five (5) trees on the property were requested for removal. 27 neighboring trees would require protection measures. All other neighboring trees were sufficiently distant from the work (>10x DBH).

USES OF THIS REPORT

According to City Ordinance, *any person who conducts grading, excavation, demolition, or construction activity on a property is to do so in a manner that does not threaten the health or viability or cause the removal of any Heritage Tree. Any heritage tree to be retained protected by the City's Municipal Code will require replacement according to its appraised value if it is damaged beyond repair as a result of construction.* ***Any work performed within an area 10***

times the diameter of the tree (i.e., the tree protection zone) requires the submittal of a tree protection plan for approval by the City before issuance of any permit for grading or construction.

This report was written by Busara Firestone, Project Arborist, to serve as a resource for the property owner, designer, and builder. As needed, I have provided instructions for retaining, protecting, and working around trees during construction, as well as information on City requirements. *The owner, contractor and architect are responsible for knowing the information included in this arborist report and adhering to the conditions provided.*

Limitations

Trees assessed were limited to the scope of work identified in the assignment. I have estimated the trunk diameters of trees with barriers to access or visibility (such as those on neighboring parcels or behind debris). Although general structure and health were assessed, formal Tree Risk Assessments were not conducted unless specified. Disease diagnostic work was not conducted unless specified. All assessments were the result of ground-based, visual inspections. No excavation or aerial inspections were performed. Recommendations beyond those related to the proposed construction were not within the scope of work.

My tree impact and preservation assessments were based on information provided in the plans I have reviewed to date, and conversations with the involved parties. I assumed that the guidelines and setbacks recommended in this report would be followed. Assessments, conclusions, and opinions shared in this report are not a guarantee of any specific outcome. If additional information (such as engineering or landscape plans) is provided for my review, these assessments would be subject to change.

City Tree Protection Requirements

Heritage Tree Definition

A "Heritage Tree" is a tree that has protected status by the City of Menlo Park. The City can classify trees with Heritage status for their remarkable size, age, or unique value. However, in general, native oaks of 10 inches or more, and any tree having a trunk with a diameter of 15 inches or more has Heritage status (measured at 54 inches above natural grade, or at the branching point for multi-trunk trees).

Construction-Related Tree Removals

According to the City of Menlo Park, *applicants are required to submit a site plan with the Heritage Tree Removal Application Permit even if they have submitted a site plan to the City for a planning or building permit. The site plan facilitates the review by the City Arborist.*

For removals of two or more trees, applicants shall be required to submit a planting plan indicating the species, size, and location of the proposed replacement trees on a site plan. Heritage Tree Permits related to Construction will also be charged for City-retained arborist expenses.

Violation Penalties

Any person who violates the tree protection ordinance, including property owners, occupants, tree companies and gardeners, could be held liable for violation of the ordinance. The ordinance prohibits removal or pruning of over one-fourth of the tree, vandalizing, mutilating, destruction and unbalancing of a heritage tree without a permit.

If a violation occurs during construction, the City may issue a stop-work order suspending and prohibiting further activity on the property until a mitigation plan has been approved, including protection measures for remaining trees on the property. ***Damage to Heritage trees must be reported to the Project Arborist or City Arborist within six (6) hours of damage.***

After receiving notice or observing damage during a requested inspection, the Project Arborist will issue a report to the client. This applies to all trees identified for preservation including neighboring trees. Documentation will include a description of the issue (extent of wounding, canopy loss or root loss), reassessment of impacts to the tree, and recommended remediation.

Civil penalties may be assessed against any person who commits, allows or maintains a violation of any provision of the ordinance. The fine will be an amount not to exceed $5,000 per violation, or an amount equivalent to the replacement value of the tree, whichever is higher.

Impacts to Heritage Trees

PROJECT DESCRIPTION

The property at 320 Sheridan Dr. was a large rectangular lot with no buildings. Pavement from what appeared to be an old school remained on the site. Nine (9) mature trees stood on the lot. Several mature trees hung over the lot on various sides.

After review of proposed site plan and conversations with the developer, it was my understanding that the existing lot would be developed for an affordable multi-family housing complex. New landscaping and parking spaces were also planned, and new utilities were to be run. The design team engaged me in several design meetings. These resulted in the following major revisions to the original site plan to preserve as many trees as possible, including Trees #2H - #4H and #14H:

- Trees #3H and #4H had been originally within the footprint of the building. The configuration of the buildings and parking lot were redesigned to accommodate these trees. The tree island for Tree #3H was expanded, and structural soils were to be used within a 20-foot minimum radius of these trees.
- Utilities and walkways were moved at a greater setback from trees.
- The bioretention area was shifted further from neighboring Tree #12H.

It is my opinion that this project retains the greatest number of existing trees while delivering the City-required components and state-mandated number of parking spaces. The project is currently designed with close to the minimum number of parking spaces.

TREE INVENTORY

This tree preservation plan includes an attached inventory of all trees on the property regardless of species, that were at least 12 feet tall and 6-inch DSH.

This inventory also includes as necessary, any neighboring Heritage Trees with work proposed within 10 times their diameter (DBH). Any street trees within the public right-of-way were also included, regardless of size, as required by the City.

The Inventory includes each tree's number (as shown on the TPZ map), measurements, condition, level of impact (due to proximity to work), tolerance to construction, and overall suitability for retainment. The inventory also includes the appraised value of each tree using the Trunk Formula Technique (10th Edition).

HOW CONSTRUCTION CAN DAMAGE TREES

Damage to Roots

Where are the Roots?

The most common types of injury to trees that occur during property improvements are related to root cutting or damage. **Tree roots extend farther out than people realize, and the majority are located within the upper 24 inches of soil.** The thickest roots are found close to the trunk, and taper and branch into ropey roots. These ropey roots taper and branch into an intricate system of fine fibrous roots, which are connected to an even finer system of fungal filaments. This vast below-ground network is tasked with absorbing water and nutrients, as well as anchoring the tree in the ground, storage, and communication.

Damage from Excavation

Any type of excavation will impact adjacent trees by severing roots and thus cutting off the attached network. Severing large roots, or trenching across the root plate, destroys large networks. Even work that appears to be far from a tree can impact the fibrous root system. Placing impervious surfaces over the ground, or installing below ground structures, such as a pool, or basement wall, will remove rooting area permanently from a site.

Damage from Fill

Adding fill can smother roots, making it difficult for them to access air and water. The roots and other soil life need time to colonize the new upper layers of soil.

Changes to Drainage and Available Water

Changes to the hydrology of the site, caused for instance by new septic fields, changes to grade, and drainage systems, can also cause big changes in available water for trees. Trees can die from lack of water or disease if their water supply dries up or gets much wetter than they are used to.

Soil Compaction and Contamination

In addition, compaction of soil, or contamination of soil with wash-water, paint, fuel, or other chemicals used in the building process, can cause damage to the rooting environment that can last many years. Tree protection fencing creates a barrier to protect as many roots as possible from this damage, which can be caused by travelling vehicles, equipment storage, and other construction activities that may occur even outside the construction envelope.

Mechanical Injury

Injury from the impact of vehicles or equipment can occur to the root crown, trunk, and lower branches of a tree. The bark protects a tree – creating a skin-like barrier from disease-causing organisms. The stem tissues support the weight of the plant. They also conduct the flow of water, sugars, and other important compounds throughout the tree. When the bark and wood is injured, the structure and health of the tree is compromised.

TREE IMPACT ASSESSMENT

SUMMARY

27 Heritage Trees would be impacted by the project, consisting of coast live oaks, redwoods, Monterey pines, and valley oaks. Five (5) trees, including two (2) Heritage trees, on the property were requested for removal. Please see removal justifications in the following section.

My evaluation of the impacts of the proposed construction work for all affected trees was summarized in the Tree Inventory. These included impacts of grading, excavation for utility installation, retaining walls, drainage or any other aspect of the project that could impact the service life of the tree. Anticipated impacts to trees were summarized using a rating system of "severe," "high," "moderate," "low," or "very low."

General species tolerance to construction, and condition of the trees (health and structural integrity), was also noted on the Inventory. These major factors, as well as tree age, soil characteristics, and species desirability, all factored into an individual tree's suitability rating, as summarized on the Inventory. Suitability of trees to be retained was rated as "high," "moderate," "low." Trees with low suitability would be appropriate candidates for removal. **Please see Glossary for definitions of ratings.**

TREE REMOVALS

Removal Justification for trees is as follows:

- **Trees #6, #15, and #16 were not Heritage Trees**:
    - I recommended Tree #6 (Hollywood juniper, *Juniperus chinensis*) for removal because it was within the footprint of the proposed parking area.
    - I recommended Tree #15 (plum, *Prunus cerasifera*) for removal because it was in "poor" condition with 30% live canopy and low vigor.
    - I recommend Tree #16 (oleander, *Nerium oleander*) for removal because it was within the footprint of the proposed storm drain and bioretention area.

- **Tree #5H (40" redwood) and Tree #13H (31" coast live oak) had trunks within the footprint of the proposed building and pavement respectively. Removal would be necessary to build as planned. The client should be prepared to provide justification for tree removal for the economic development of the parcel as per Menlo Park Administrative Guidelines section 13.24.050 Clause a.5 (see below).**

Menlo Park Administrative Guidelines for Criterion 5:

The following documentation may be required to support tree removal for economic development:

- Schematic diagrams that demonstrate the feasibility/livability of alternative design(s) that preserve the tree, including utilizing zoning ordinance variances that would preserve the tree.

- Documentation on the additional incremental construction cost attributable to an alternative that preserves the tree (i.e. construction cost of alternative design minus cost of original design) in relation to the appraised value of tree(s) and based on the most recent addition to the Guide for Plant Appraisal.

The following guidance will be used to determine feasibility:

- If the incremental cost of the tree preservation alternative is more than 140% of the appraised value of the tree, the cost will be presumed to be financially infeasible.

- If the incremental cost of the tree preservation alternative is less than 110% of the appraised value of the tree, the cost will be presumed to be financially feasible.
- If the incremental cost of the tree preservation alternative is between 110% and 140% of the appraised value of the tree, public works director or their designee will consider a range of factors, including the value of the improvements, the value of the tree, the location of the tree, the viability of replacement mitigation and other site conditions.

- In calculating the incremental cost of the tree preservation alternative, only construction costs will be evaluated. No design fees or other soft costs will be considered.

IMPACTS TO RETAINED TREES

Impacts to protected trees were as follows:

- **Tree #1H (neighboring 26" coast live oak):** This County Park tree was approximately 13 feet from one of the proposed buildings. It was growing into the existing fence and would be approximately two feet (2') from the proposed fence. It would be expected to sustain "moderate" impacts (10% - 25% root loss) from the proposed excavation. **Please see "Special Tree Protection Measures" section of this report for guidelines on working within 6x DBH of this tree.**

- **Tree #2H (20" coast live oak):** This tree was approximately 16 feet from the proposed building and less than five feet (5') from the proposed pavement. It was growing into the existing fence and would be approximately two feet (2') from the proposed fence. It would be expected to sustain "moderate" (acceptable) impacts of 10% - 25% root loss. **Please see "Special Tree Protection Measures" section of this report for guidelines on working within 6x DBH of this tree.**

- **Tree #3H (42" coast live oak) and Tree #4H (30" coast live oak):** These trees were approximately six feet (6') and four feet (4') respectively from the proposed parking lot at their closest. It was my understanding that structural soils would be used within a 20-foot radius of these trees. They would be expected to sustain "moderate" impacts (10% - 25% root loss) from the proposed work. **Please see "Special Tree Protection Measures" section of this report for guidelines on working within 6x DBH of these trees.**

- **Tree #7H (neighboring 36" coast live oak):** This neighboring tree along the fence line was approximately 13 feet from the proposed building. It was growing into the existing fence and would be approximately two feet (2') from the proposed fence. It would be expected to sustain "moderate" impacts from the proposed construction. **Please see "Special Tree Protection Measures" section of this report for guidelines on working within 6x DBH of this tree.**

- **Tree #8H (neighboring 18" coast live oak):** This neighboring tree along the fence line was approximately 14 feet from the proposed building. It was growing into the existing

fence and would be approximately two feet (2') from the proposed fence. It would be expected to sustain "low" impacts from the proposed construction. **Please see "Special Tree Protection Measures" section of this report for guidelines on working within 6x DBH of this tree.**

- **Tree #9H (neighboring 29" coast live oak):** This neighboring tree along the fence line was approximately 10 feet from the proposed building at its closest. It was growing into the existing fence and would be approximately two feet (2') from the proposed fence. A transformer pad was proposed approximately 15 feet away at the closest point. It would be expected to sustain "moderate" impacts from the proposed construction. **Please see "Special Tree Protection Measures" section of this report for guidelines on working within 6x DBH of this tree.**

- **Tree #12H (neighboring 23" coast live oak):** This neighboring tree along the fence line was approximately 11 feet from the proposed paved area. It was approximately one foot (1') from the existing and proposed fence. The bioretention area was planned approximately 11 feet away. It would be expected to sustain "moderate" impacts from the proposed construction (10% - 25% root loss). **Please see "Special Tree Protection Measures" section of this report for guidelines on working within 6x DBH of this tree.**

- **Tree #14H (27" live oak):** This tree was located along the fence line of the existing parcel, approximately four feet (4') from the existing pavement and a proposed walkway. It was approximately 10 feet from the proposed parking lot and 13 feet from the proposed building. A new sewer line was proposed approximately seven feet (7') away and storm drain approximately 20 feet away. A new fence was to be built approximately 13 feet away. Tree #14H would be expected to sustain "moderate" impacts (10% - 25%) from the proposed construction. **Please see "Special Tree Protection Measures" section of this report for guidelines on working within 6x DBH of this tree.**

- **Tree #17H (neighboring 23" oak):** This tree, located on San Mateo County Park property, was approximately 10 feet from the proposed building. It was growing into the existing fence and would be approximately two feet (2') from the proposed fence. It would be expected to be "moderately" impacted. **Please see "Special Tree Protection Measures" section of this report for guidelines on working within 6x DBH of this tree.**

- **Tree #18H (neighboring 33" live oak):** This County Park tree was located approximately 13 feet from the proposed building. The sewer line was also proposed approximately 12 feet away. The existing fence bisected the trunk, and it would be approximately two feet (2') from the proposed fence. It would be expected to be "moderately" impacted by the work. **Please see "Special Tree Protection Measures" section of this report for guidelines on working within 6x DBH of this tree.**

- **Trees #2429H (16" valley oak), #2436H (neighboring 15.5" redwood), #2443H (neighboring 24" oak), and #2448H (neighboring 15" oak):** These County Park trees were located approximately 15 feet from the proposed buildings and eight feet (8') from the existing and proposed fence. They would be anticipated to sustain "low" impacts (less than 10% root loss) from the work. **Please see "Special Tree Protection Measures" section of this report for guidelines on working within 6x DBH of these trees.**

- **Tree #2432H (neighboring 11" oak):** This County Park tree was approximately 10 feet from the closest paved area and approximately 13 feet from the proposed building. It was approximately two feet (2') from the existing and proposed fence. It would be expected to sustain "low" impacts. **Please see "Special Tree Protection Measures" section of this report for guidelines on working within 6x DBH of this tree.**

- **Tree #2434H (neighboring 20" oak) and Tree #2435H (neighboring 21.5" oak):** These County Park trees were located approximate two feet (2') from the existing pavement at the property entrance. They were approximately 10 feet from the proposed building. They were growing into the existing fence and would be approximately two feet (2') from the proposed fence. They would be anticipated to sustain "moderate" impacts (10% - 25% root loss) from the proposed construction. **Please see "Special Tree Protection Measures" section of this report for guidelines on working within 6x DBH of these trees.**

- **Tree #2437H (neighboring 30" redwood):** This County Park tree was approximately 20 feet from the proposed building and six feet (6') from the fence. It would be expected to sustain "low" impacts from the proposed construction (less than 10% root loss). **Please see "Special Tree Protection Measures" section of this report for guidelines on working within 6x DBH of these trees.**

- **Tree #2441H (neighboring 26" oak), Tree #2446H (neighboring 18" oak), and Tree #2447H (neighboring 29" oak):** These County Parks trees, approximately 10 feet from the proposed building, would be expected to be "moderately" impacted. Trees #2446H and #2447H were growing into the existing fence to be removed. These trees were approximately two feet (2') from the proposed fence. **Please see "Special Tree Protection Measures" section of this report for guidelines on working within 6x DBH of Trees #2441H and #2447H.**

- **Trees #2442H (neighboring 33" Monterey pine), #2444H (18.5" neighboring Monterey pine), and #2445H (neighboring 44" Monterey pine):** These County Parks trees were approximately 13 feet from the proposed building and three feet (3') from the existing and proposed fence. They would be expected to be "moderately" impacted. **Please see "Special Tree Protection Measures" section of this report for guidelines on working within 6x DBH of Trees #2442H and #2445H.**

- **Tree #2450H (neighboring 18" oak):** This County Park tree was located approximately 14 feet from the proposed building. It was growing into the existing fence and was two feet (2') from the proposed fence. It would be expected to sustain "low" impacts (less than 10% root loss). **Please see "Special Tree Protection Measures" section of this report for guidelines on working within 6x DBH of this tree.**

Tree Protection Recommendations

PRE-CONSTRUCTION

Establish Tree Protection Zones (TPZ)

The Tree Protection Zone (TPZ) shall be a fenced-off area where work and material storage is not allowed. They are established and inspected prior to the start of work. This barrier protects the critical root zone and trunk from compaction, mechanical damage, and chemical

spills. **The City requires that tree protection fencing be installed before any equipment comes on-site and inspected by the Project Arborist, who shall submit a verification letter to the City before issuance of permits.**

Tree protection fencing is required to remain in place throughout construction and may only be moved or removed with written authorization from the City Arborist. The Project Arborist may authorize modification to the fencing when a copy of the written authorization is submitted to the City.

The following activities are prohibited inside the Tree Protection Zone. DO NOT:

- Place heavy machinery for excavation
- Allow runoff or spillage of damaging materials
- Store or stockpile materials, tools, or soil
- Park or drive vehicles
- Trench, dig, or otherwise excavate without first obtaining authorization from the City Arborist or Project Arborist
- Change soil grade
- Trench with a machine
- Allow fires under and adjacent to trees
- Discharge exhaust into foliage
- Direct runoff towards trees
- Cut, break, skin, or bruise roots, branches, or trunks without authorization from the City Arborist
- Secure cable, chain, or rope to trees
- Apply soil sterilant under pavement near existing trees

Specific recommended protection for trees is as follows:

- **Trees 1H, #2H, #7H – 9H, #2437H – 2438, #2441H - #2448H, and #2450H (mix of neighboring trees):** These neighboring trees may be fenced as a group within the same perimeter. Establish standard TPZ fencing radius to 15 feet, or to the greatest extent possible as limited by the proposed work and property lines. Where limitations existed, I recommended TPZ Wrap in addition to the standard fencing for **Tree #2H** to better protect this relatively valuable tree adjacent to the work. Securely bind wooden slats at least 1-inch-thick around the trunk (preferably on a closed-cell foam pad). Secure and wrap at least one layer of orange plastic construction fencing around the outside of the

wooden slats for visibility. DO NOT drive fasteners into the tree. **Please see attached "TPZ Trunk Wrap" specification for best-practice method using dimensional lumber.**

- **Tree #3H (42" coast live oak):** Establish standard TPZ fencing radius to 25 feet, or to the greatest extent possible as limited by the proposed work.

- **Tree #4H (30" oak):** Establish standard TPZ fencing radius to 20 feet, or to the greatest extent possible as limited by the proposed work.

- **Tree #12H (23" neighboring oak):** Establish standard TPZ fencing radius to 15 feet, or to the greatest extent possible as limited by the proposed work.

- **Tree #14H (27" oak):** Establish standard TPZ fencing radius to 20 feet, or to the greatest extent possible as limited by the proposed work. Where limitations existed, I recommended TPZ Wrap in addition to the standard fencing to better protect this relatively valuable tree adjacent to the work. **Please see attached "TPZ Trunk Wrap" specification for best-practice method using dimensional lumber**. A coiled straw wattle wrap from the ground to 6' height, secured with two layers of plastic construction fencing is also acceptable.

- **Trees #17H, #18H, #2429H - #2432H, and #2434H – #2436H (neighboring oaks)**: These neighboring trees may be fenced as a group within the same perimeter. Establish standard TPZ fencing radius to 15 feet, or to the greatest extent possible as limited by the proposed work and property lines. **See attached "TPZ Map" for recommended fencing locations. Please see special instructions on pg. 13 for removing embedded chain link fence.**

TPZ FENCING SPECIFICATIONS:

1) Establish tree protection fencing radius by installing six (6)-foot tall chain link fencing mounted on eight (8)-foot tall, 1.5-inch diameter galvanized posts, driven 24 inches into the ground and spaced no more than 10 feet apart.

2) Post signs on the fencing (in English and Spanish) printed on 11”x17” yellow-colored paper (signage attached at end of report) with Project Arborist’s contact information. Signage should be on each protection fence in a prominent location.

3) Movable barriers of chain link fencing secured to cement blocks may be substituted for fixed fencing if the Project Arborist and City Arborist agree that the fencing will have to be moved to accommodate certain phases of construction. The builder may not move the fence without authorization from the Project Arborist or City Arborist.

TRUNK WRAP SPECIFICATIONS:

- *Securely bind wooden slats at least 1-inch-thick around the trunk (preferably on a closed-cell foam pad). Secure and wrap at least one layer of orange plastic construction fencing around the outside of the wooden slats for visibility;*
- *DO NOT drive fasteners into the tree;*
- *Install trunk protection immediately prior to work within the TPZ and remove protection from the tree(s) as soon as work moves outside the TPZ;*
- *Protect major scaffold limbs as determined by the City Arborist or Project Arborist; and*
- *If necessary, install wooden barriers at an angle so that the trunk flare and buttress roots are also protected.*

Preventing Root Damage

Bare ground within the TPZ should have material applied over the ground to reduce soil compaction and retain soil moisture. This may be done by applying a six to 12-inch layer of wood chip mulch to the area. With this method, mulch in excess of four inches would have to be removed after work is completed. As an alternative method that would not require mulch removal, the contractor could place plywood (>3/4-inch-thick) or road mats over a four-inch layer of mulch. Mulch should be spread manually so as not cause compaction or damage.

Pruning Branches

I recommend that trees be pruned only as necessary to provide minimum clearance for proposed structures and the passage of workers, vehicles, and machines, while maintaining a

natural appearance. Any large dead branches should be pruned out for the safety of people working on the site.

Pruning should be specified in writing adhering to ANSI A300 Pruning Standards and performed according to Best Management Practices endorsed by the International Society of Arboriculture. Any pruning (trimming) of branches should be supervised by an ISA-certified arborist.

Any property owner wanting to prune heritage tree more than one-fourth of the canopy and/or roots, must have permission from the City.

Arborist Inspection

The City requires that tree protection fencing be installed before any equipment comes on-site and inspected by the Project Arborist, who shall submit a verification letter to the City before issuance of permits. Tree protection fencing to be inspected by City Arborist before demo and/or building permit issuance.

DURING CONSTRUCTION

Special Tree Protection Measures

1) **Demolition of existing hardscape (Trees #3H, #4H, #14H, #2434H, #2435H):** should be performed in a manner that avoids tearing roots: Using the smallest effective machinery, break up pieces of the concrete and lift pieces up and away from trees. Cut roots embedded in paving rather than tearing them (see instructions on "Root Pruning"). Work must be done outside the tree protection zone (established by fencing). Dragging concrete or machinery across soil in the TPZ as this would disturb soil and roots.

2) **Excavation guidelines for installation of new foundation:** *Use hand tools only* when excavating within the setbacks listed below within the top 36 inches of soil depth. If roots of one-inch diameter or larger must be cut, they should be cut cleanly with a sharp, clean sawblade perpendicular to the direction of growth (a "square cut"). The cut should be made where the bark of the root is undamaged and intact. **Root pruning**

should be supervised by the Project Arborist. Setbacks from the outer trunk are as follows:

- Tree #1H: 13 feet
- Tree #2H: 10 feet
- Tree #7H: 18 feet
- Tree #9H: 18 feet
- Tree #14H: 14 feet
- Tree #17H: 12 feet
- Tree #18H: 17 feet
- Tree #2434H: 10 feet
- Tree #2435H: 11 feet
- Tree #2441H: 13 feet
- Tree #2447H: 15 feet
- Tree #2442H: 17 feet
- Tree #2445H: 22 feet

3) **Hardscaping (parking lot and walkways):** Use hand tools when excavating within:
   a. **10 feet of Trees #2H, #2434H and #2435H**
   b. **15 feet of Trees #12H, #14H, #2437H, #2442H, and #2447H**
   c. **20 feet of Tree #2445H**

Leave roots encountered undisturbed if possible. Excavation depth for installation of new landscape materials within the above distances of trees should be no more than four inches (4") into existing soil grade. Do not compact native soil under paving materials. If roots must be cut, please see section titled "Root Pruning." No paving materials or any excavation or grading within three feet (3') of trunks.

4) Exploratory Trench – Construction of the parking lot (<3X DBH) – Trees #3H and #4H

To protect Tree #3H and #4H (oaks) from damage in the construction of the parking lot, I recommend the following measures:

   a. **I recommend an exploratory trench to be dug by hand, before excavation begins, to expose roots along the tree-side of the parking lot and tree island. The exploratory trench should be dug within 11 feet of Tree #3H and eight feet (8') of Tree #4H.** This way, roots may be exposed by gentle excavation methods

and then cut selectively. Root pruning should be supervised by the Project Arborist.

b. Builders may notice torn roots after digging or trenching. If this happens, or if roots must be cut for any reason, please see section titled "Root Pruning."

5) **Excavation guidelines for installation of underground utility – Trees #14H and #18H:** Do not trench within 14 feet of Tree #14H and 17 feet of Tree #18H if possible. Consider using boring (tunneling) machines set up outside the dripline of the tree. If trenching is necessary, use hand tools or vacuum soil extraction in the top 36 inches of soil. **Leave woody roots of one inch or larger undamaged with bark intact**. The pipes can then be pushed through the trench or tunnel, beneath the roots. Most roots are found within the top 24 inches of soil.

6) **Removing chain link fence embedded in Trees #1H – 3H, #7H – 9H, #17H, #18H, #2434H, #2435H, #2443H, #2446H, and #2447H**: Do not remove portions of fencing that are embedded in tree. Carefully cut embedded fence sections removing as much of the existing fence as possible without damaging the tree. Hand-tools such as a wire cutter and hack saw are preferred to power tools.

7) **Excavation guidelines for installation of fence footings – Trees #1H, #2H, #7H – 9H, #12H, #14H, #17H, #18H, #2429H, #2432H, #2434H - #2437H, #2441H - #2448H, and #2450H :** When excavating or boring underneath the canopy, or within 20 feet of the trunks of these trees, use hand tools within the top 36" of the soil leaving woody roots undamaged. Under the supervision of the Project Arborist or City Arborist, roots encountered should be cut cleanly with a sharp, clean sawblade perpendicular to the direction of growth (a "square cut"). The cut should be made where the bark of the root is undamaged and intact. If roots of over two inches (2") are found, the Project Arborist may recommend moving the location of the footing.

Root Pruning

As required by the City of Menlo Park:

- *To avoid injury to tree roots, only excavate carefully by hand, compressed air, or high-pressure water within the dripline of trees.*
- *When the Contractor encounters roots smaller than 2-inches, hand-trim the wall of the trench adjacent to the trees to make even, clean cuts through the roots. Cleanly cut all damaged and torn roots to reduce the incidence of decay.*
- *Fill trenches within 24 hours. When it is infeasible to fill trenches within 24 hours, shade the side of the trench adjacent to the trees with four layers of dampened, untreated burlap. Wet burlap as frequently as necessary to maintain moisture.*
- ***When the Contractor encounters roots 2 inches or larger, report immediately to the Project Arborist.*** *The Project Arborist will decide whether the Contractor may cut roots 2 inches or larger. If a root is retained, excavate by hand or with compressed air under the root. Protect preserved roots with dampened burlap.*

Irrigation

Water moderately and highly impacted trees during the construction phase. As a rule of thumb, provide one to two inches per month. Water slowly so that it penetrates 18 inches into the soil, to the depth of tree roots. Do not water native oaks during the warm dry season (June – September) as this activates oak root fungus. Instead, make sure that the soil is sufficiently insulated with mulch (where possible). Remember that unsevered tree roots typically extend three to five times the distance of the canopy.

Project Arborist Supervision

I recommend the Project Arborist meet with the builder on-site:

- Soon after excavation
- During any root pruning
- Monthly tree protection monitoring inspections: As requested by the property owner or builder to document tree condition and verify on-going compliance with tree protection plan. Recommendations for any necessary maintenance and impact

mitigation should also be included in monthly reports for City Arborist Review (*required every 4 weeks by the City*).

Any time development-related work is recommended to be supervised by a Project Arborist, a follow-up letter shall be provided, documenting the mitigation has been completed to specification.

POST-CONSTRUCTION

Ensure any mitigation measures to ensure long-term survival including but not limited to:

Continued Tree Care

Provide adequate and appropriate irrigation. As a rule of thumb, provide 1- 2 inches of water per month. Water slowly so that it penetrates 18 inches into the soil, to the depth of the tree roots. Native oaks usually should not be provided supplemental water during the warm, dry season (June – September) as this activates oak root fungus. Therefore, native oaks should only be watered October – May when rain has been scarce.

Mulch insulates the soil, reduces weeds, reduces compaction, and promotes myriad benefits to soil life and tree health. Apply four inches of wood chips (or other mulch) to the surface of the soil around trees, extending at least to the dripline when possible. Do not pile mulch against the trunk.

Do not fertilize unless a specific nutrient deficiency has been identified and a specific plan prescribed by the project arborist (or a consulting arborist).

Post-Construction Monitoring

Monitor trees for changes in condition. Check trees at least once per month for the first year post-construction. Expert monitoring should be done at least every 6 months or if trees show signs of stress. Signs of stress include unseasonably sparse canopy, leaf drop, early fall color, browning of needles, and shoot die-back. Stressed trees are also more vulnerable to certain disease and pest infestations. Call the Project Arborist, or a consulting arborist if these, or other concerning changes occur in tree health.

City Arborist Inspection

A final inspection by the City Arborist is required at the end of the project. This is to be done before Tree Protection Fencing is taken down. Replacement trees should be planted by this time as well.

Conclusion

The proposed building project planned at 320 Sheridan Dr. appeared to be a valuable upgrade to the property. If any of the property owners, project team, or City reviewers have questions on this report, or require Project Arborist supervision or technical support, please do not hesitate to contact me at (408) 497-7158 or busara@bofirestone.com.

Signed,

Busara (Bo) Firestone | ISA Board Certified Master Arborist #WE-8525B | ASCA Registered Consulting Arborist RCA #758 | ISA Qualified Tree Risk Assessor | ASCA Tree and Plant Appraisal Qualification | Member – American Society of Consulting Arborists | Wildlife-Trained Arborist

Supporting Information

GLOSSARY

Terms appear in the order they appear from left to right on the inventory column headings.

DBH / DSH: Diameter at 4.5' above grade. Trees which split into multiple stems at 4.5’ are measured at the narrowest point below 4.5’.

Mathematic DBH / DSH: diameter of multitrunked tree, mathematically derived from the combined area of all trunks.

SPREAD: Diameter of canopy between farthest branch tips

TREE STATUS: A “Heritage Tree” is a tree that has protected status by the City of Menlo Park. The City can classify trees with Heritage status for their remarkable size, age, or unique value. However, in general, native oaks of 10 inches or more, and any tree having a trunk with a diameter of 15 inches or more has Heritage status (measured at 54 inches above natural grade, or at the branching point for multi-trunk trees).

CONDITION-Ground based visual assessment of structural and physiological well-being:

"Excellent" = 81 - 100%; Good health and structure with significant size, location or quality.

"Good" = 61-80%; Normal vigor, full canopy, no observable significant structural defects, many years of service life remaining.

"Fair" = 41-60%; Reduced vigor, significant structural defect(s), and/or other significant signs of stress

"Poor" = 21- 40%; In potentially irreversible decline, structure and aesthetics severely compromised

"Very Poor" = 6-20%; Nearly dead, or high risk of failure, negative contribution to the landscape

"Dead/Unstable" = 0 - 5%; No live canopy/buds or failure imminent

IDEAL TPZ RADIUS: Recommended tree protection radius to ensure healthy, sound trees. Based on species tolerance, age, and size (total combined stem area) as per industry best practice standards. Compromising the radius in a specific area may be acceptable as per arborist approval.

Municipalities in our region simplify this nuanced process by using the distance to the dripline, 10X DBH, or 6X DBH as acceptable setbacks from construction.

AGE: Relative to tree lifespan; “Young” <1/3; “Mature" 1/3 - 2/3; "Overmature" >2/3

IMPACT: Anticipated impact to an individual tree including……

> **SEVERE** - In direct conflict, removal necessary if plans proceed (distance to root cuts/fill within 3X DBH or root loss of > 30% anticipated).
>
> **HIGH** – Work planned within 6X DBH and/or anticipated root loss of 20% – 30%. Redesign to reduce impact should be explored and may be required by municipal reviewer. Retainment may be possible with monitoring or alternative building methods. Health and structure may worsen **even if** conditions for retainment are met.
>
> **MODERATE** - Ideal TPZ encroached upon in limited areas. No work or very limited work within 6X TPZ. Anticipated root loss of 10% - 25%. Special building guidelines may be provided by Project Arborist. Although some symptoms of stress are possible, tree is not likely to decline due to construction related activities.
>
> **LOW** - Anticipated root loss of less than 10%. Minor or no encroachment on ideal TPZ. Longevity uncompromised with standard protection.
>
> **VERY LOW** - Ideal TPZ well exceeded. Potential impact only by ingress/egress. Anticipated root loss of 0% - 5%. Longevity uncompromised.
>
> **NONE** - No anticipated impact to roots, soil environment, or above-ground parts.

TOLERANCE: General species tolerance to construction (HIGH, MODERATE, or LOW) as given in Managing Trees During Construction, Second Edition, by International Society of Arboriculture

SUITABILITY ASSESSMENT: An individual tree's suitability for preservation considering impacts, condition, maturity, species tolerance, site characteristics, and species desirability. (HIGH, MODERATE, or LOW)

APPRAISAL RESULT: The reproduction cost of tree replacement as calculated by the Trunk Formula Technique.

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Smiley, E. Thomas, Nelda Matheny, and Sharon Lilly. *Best Management Practices: Tree Risk Assessmen*t: International Society of Arboriculture, 2011. Print.

CERTIFICATE OF APPRAISAL

I, Busara Rea Firestone, CERTIFY to the best of my knowledge and belief:

1. That the statements of fact contained in this plant appraisal are true and correct.
2. That the appraisal analysis, opinions, and conclusion are limited only by the reported assumption and limiting conditions, and that they are my personal, unbiased professional analysis, opinions, and conclusions.
3. That I have no present or prospective interest in the plants that are the subject of this appraisal, and that I have no personal interest or bias with respect to the parties involved.
4. That my compensation is not contingent upon a predetermined value or direction in value that favors the cause of the client, the amount of the value estimate, the attainment of a stipulated result, or the occurrence of a subsequent event.
5. That my analysis, opinions, and conclusions are developed, and this appraisal has been prepared, in conformity with the *Guide for Plant Appraisal (10th edition, 2000)* authored by the Council of Tree and Landscape Appraisers.
6. That the methods found in this appraisal are based on a request to determine the value of the plants considering reasonable factors of plant appraisal.
7. That my appraisal is based on the information known to me at this time. If more information is disclosed, I may have further opinions.

Signed,

Busara (Bo) Firestone

ISA Board-Certified Master Arborist #WE-8525B

07/26/2024

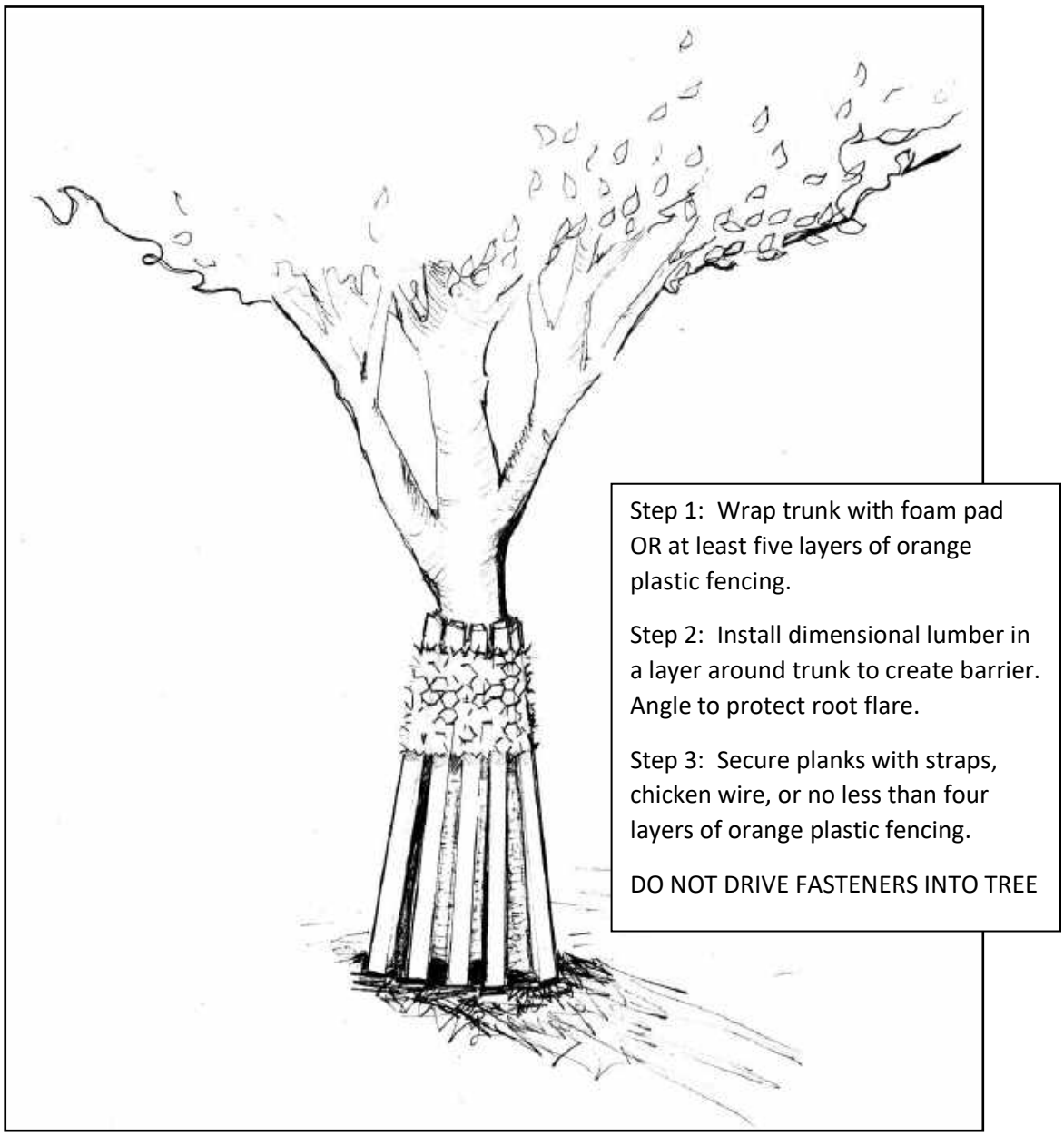
BUSARA FIRESTONE #WE-8525B
KAITLYN MEYER #WE-14992A
ON STAFF

BO FIRESTONE TREES & GARDENS
2150 LACEY DR., MILPITAS, CA 95035
E: BUSARA@BOFIRESTONE.COM C: (408) 497-7158
WWW.BOFIRESTONE.COM

ASCA RCA #758
Registered Consulting Arborist®

TPZ III – Alternative Method of Tree Protection

May be used to protect trunk from damage during construction activities when standard TPZ fencing is not practical. Install prior to construction activities. Adjust to allow for diameter growth as needed.



Step 1: Wrap trunk with foam pad OR at least five layers of orange plastic fencing.

Step 2: Install dimensional lumber in a layer around trunk to create barrier. Angle to protect root flare.

Step 3: Secure planks with straps, chicken wire, or no less than four layers of orange plastic fencing.

DO NOT DRIVE FASTENERS INTO TREE

CITY OF MENLO PARK

WARNING TREE PROTECTION AREA

ONLY AUTHORIZED PERSONNEL MAY ENTER THIS AREA

No excavation, trenching, material storage, cleaning, equipment access, or dumping is allowed behind this fence.

Do not remove or relocate this fence without approval from the project arborist. This fencing must remain in its approved location throughout demolition and construction.

Project Arborist contact information:

Name: Bo Firestone
Business: Bo Firestone Trees & Gardens
Phone number: 408-497-7158

ADVERTENCIA: ÁREA DE PROTECCIÓN DE ÁRBOLES

SÓLO EL PERSONAL AUTORIZADO PUEDE INGRESAR A ESTA ÁREA

No se permite la excavación, zanjas, almacenamiento de materiales, limpieza, acceso de equipos, o vertido de residuos detrás de esta cerca.

No retire ni reubique esta cerca sin la aprobación del arborista del proyecto. Esta cerca debe permanecer en su ubicación aprobada durante todo el proceso de demolición y construcción.

Información de contacto del arborista de este proyecto:

Nombre: Bo Firestone
Empresa: Bo Firestone Trees & Gardens
Número de teléfono: 408-497-7158

Alliant Strategic Development rev. 07/26/24

									TREE IMPACT ASSESSMENT											
#	Heritage (H)	Common Name	Botanical Name	Protected Status	DBH (inches)	math. DBH (inches)	Height (feet)	Spread (feet)	Condition	Health, Structure, Form notes	Age	Species Tolerance	6X DSH* (feet)	Est. Root Loss**	TPZ mult. Factor	Ideal TPZ Radius (ft)	Impact Level ***	Suitability Rating	Removal Status	Appraisal Result
1	H	Coast Live Oak	*Quercus agrifolia*	**HERITAGE**	26	26	55	35	FAIR (50%)	growing into fence, pleasing form, moderate vigor	MATURE	HIGH	**13**	20% - 30%	8	17	MODERATE	MODERATE	PRESERVE	$4,830
2	H	Coast Live Oak	*Quercus agrifolia*	**HERITAGE**	16, 12	20	25	30	FAIR (50%)	topped, high vigor, growing into fence	MATURE	HIGH	**10**	10% - 25%	8	13	MODERATE	MODERATE	PRESERVE	$4,000
3	H	Coast Live Oak	*Quercus agrifolia*	**HERITAGE**	42	42	60	80	EXCELLENT (90%)	good health and structure with significant size and quality for location	MATURE	HIGH	**21**	10% - 25%	8	28	MODERATE	MODERATE	PRESERVE	$40,800
4	H	Coast Live Oak	*Quercus agrifolia*	**HERITAGE**	30	30	60	40	FAIR (50%)	comdominant stems with narrow angle of attachment and included bark	MATURE	HIGH	**15**	10% - 25%	8	20	MODERATE	MODERATE	PRESERVE	$11,600
5	H	Coast Redwood	*Sequoia sempervirens*	**HERITAGE**	40	40	70	40	FAIR (50%)	drought-stressed, thin canopy	MATURE	HIGH	**20**	100%	8	27	SEVERE	LOW	REMOVE (X)	$13,400
6		Hollywood Juniper	*Juniperus chinensis*	(not heritage)	10	10	10	7	FAIR (50%)	asymmetrical form, high vigor	MATURE	MODERATE	**5**	> 30%	12	10	SEVERE	LOW	REMOVE (X)	$1,120
7	H	Coast Live Oak	*Quercus agrifolia*	**HERITAGE**	est. 36	36	55	50	GOOD (75%)	growing through wood fence, high vigor, pleasing form	MATURE	HIGH	**18**	10% - 25%	8	24	MODERATE	HIGH	PRESERVE	$25,000
8	H	Coast Live Oak	*Quercus agrifolia*	**HERITAGE**	est. 18	18	55	30	FAIR (50%)	growing through wood fence, moderate vigor	MATURE	HIGH	**9**	< 10%	8	12	LOW	MODERATE	PRESERVE	$4,160
9	H	Coast Live Oak	*Quercus agrifolia*	**HERITAGE**	est. 24, 16	29	50	40	GOOD (75%)	growing through wood fence, high vigor, pleasing form	MATURE	HIGH	**15**	10% - 25%	8	19	MODERATE	HIGH	PRESERVE	$16,200
10		Glossy Privet	*Ligustrum lucidum*	(not heritage)	est. 7, 4	8	20	15	POOR (25%)	low vigor, sparse canopy	MATURE	LOW	**4**	20% - 30%	15	10	HIGH	LOW	PRESERVE	$40
11		Glossy Privet	*Ligustrum lucidum*	(not heritage)	est. 10	10	30	15	POOR (25%)	low vigor, sparse canopy	MATURE	LOW	**5**	20% - 30%	15	13	HIGH	LOW	PRESERVE	$60
12	H	Coast Live Oak	*Quercus agrifolia*	**HERITAGE**	23	23	30	40	EXCELLENT (90%)	good health and structure with significant size and quality for location	MATURE	HIGH	**12**	10% - 25%	8	15	MODERATE	HIGH	PRESERVE	$12,200
13	H	Coast Live Oak	*Quercus agrifolia*	**HERITAGE**	31	31	50	45	FAIR (50%)	15% dieback, moderate vigor, major canopy conflict w/ utility	MATURE	HIGH	**16**	> 30%	8	21	SEVERE	LOW	REMOVE (X)	$12,400
14	H	Coast Live Oak	*Quercus agrifolia*	**HERITAGE**	27	27	55	40	FAIR (50%)	asymmetrical form from HV lines, high vigor	MATURE	HIGH	**14**	10% - 25%	8	18	MODERATE	MODERATE	PRESERVE	$5,200
15		Plum	*Prunus cerasifera*	(not heritage)	7.5	7.5	20	20	POOR (25%)	30% live canopy, low vigor	OVERMATURE	MODERATE	**4**	10% - 25%	15	9	MODERATE	LOW	REMOVE (X)	$310
16		Oleander	*Nerium oleander*	(not heritage)	est. (2) 6, (3) 3	10	25	20	GOOD (75%)	full green canopy, pleasing form	MATURE	MODERATE	**5**	100%	12	10	SEVERE	LOW	REMOVE (X)	$3,070
17***	H	Coast Live Oak	*Quercus agrifolia*	**HERITAGE**	23	23	30	40	POOR (25%)	growing into fence, topped, moderate vigor	MATURE	HIGH	**12**	10% - 25%	8	15	MODERATE	LOW	PRESERVE	$3,400
18	H	Coast Live Oak	*Quercus agrifolia*	**HERITAGE**	28, (2) 12.5	33	40	50	FAIR (50%)	sprawling codominant form, fence bisecting trunk	MATURE	HIGH	**17**	10% - 25%	8	22	MODERATE	MODERATE	PRESERVE	$14,000
2429	H	Valley Oak	*Quercus lobata*	**HERITAGE**	16	16	30	35	FAIR (50%)	moderate vigor, 10% dieback	MATURE	MODERATE	**8**	< 10%	12	16	LOW	MODERATE	PRESERVE	$5,600
2430		Coast Live Oak	*Quercus agrifolia*	(not heritage)	8	8	20	20	FAIR (50%)	high vigor, crowded, asymmetrical canopy	MATURE	HIGH	**4**	0% - 5%	8	5	VERY LOW	MODERATE	PRESERVE	$820
2431		Coast Live Oak	*Quercus agrifolia*	(not heritage)	8	8	20	10	POOR (25%)	spindly form, low-vigor understory tree	MATURE	HIGH	**4**	< 10%	8	5	LOW	LOW	PRESERVE	$410
2432	H	Coast Live Oak	*Quercus agrifolia*	**HERITAGE**	11	11	30	15	FAIR (50%)	asymmetrical canopy, pruned away from power lines, moderate vigor	MATURE	HIGH	**6**	< 10%	8	7	LOW	MODERATE	PRESERVE	$1,560
2434	H	Coast Live Oak	*Quercus agrifolia*	**HERITAGE**	20	20	35	25	FAIR (50%)	majorly growing into fence, good vigor, multiple codominant stems	MATURE	HIGH	**10**	10% - 25%	8	13	MODERATE	MODERATE	PRESERVE	$5,100

Prepared by Busara Firestone
ISA Board Certified Master Arborist #WE-8525B

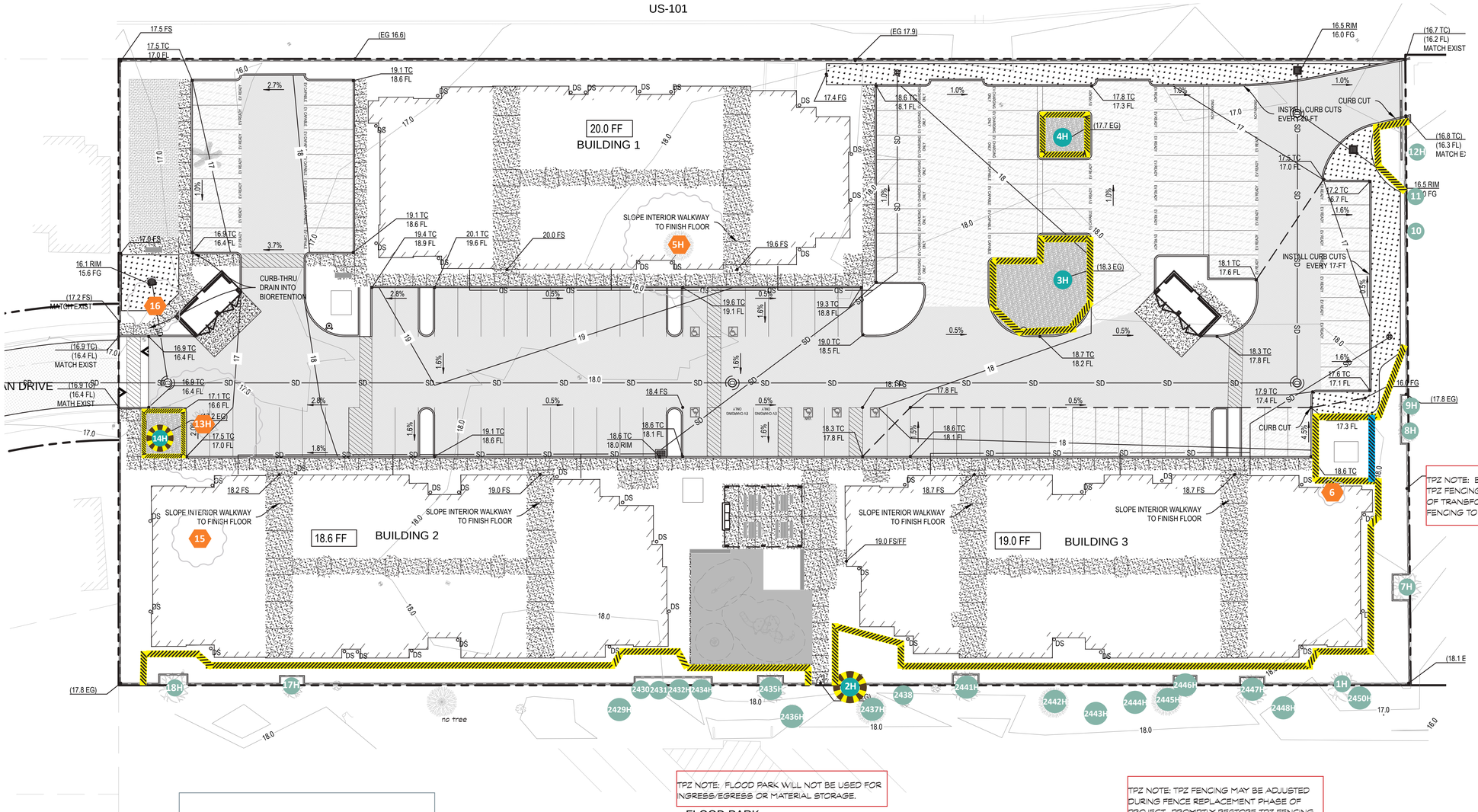
Alliant Strategic Development rev. 07/26/24

										TREE IMPACT ASSESSMENT											
#	Heritage (H)	Common Name	Botanical Name	Protected Status	DBH (inches)	math. DBH (inches)	Height (feet)	Spread (feet)	Condition	Health, Structure, Form notes	Age	Species Tolerance	6X DSH* (feet)	Est. Root Loss**	TPZ mult. Factor	Ideal TPZ Radius (ft)	Impact Level ***	Suitability Rating	Removal Status	Appraisal Result
2435	H	Coast Live Oak	*Quercus agrifolia*	**HERITAGE**	21.5	21.5	30	40	FAIR (50%)	growing into fence, pruned from power line, high vigor	MATURE	HIGH	**11**	10% - 25%	8	14	MODERATE	MODERATE	PRESERVE	$5,900
2436	H	Coast Redwood	*Sequoia sempervirens*	**HERITAGE**	15.5	15.5	40	20	FAIR (50%)	moderate vigor, spindly form, crowded	MATURE	HIGH	**8**	< 10%	8	10	LOW	MODERATE	PRESERVE	$2,010
2437	H	Coast Redwood	*Sequoia sempervirens*	**HERITAGE**	est. 30	30	65	25	POOR (25%)	codominant leaders, dieback on main stem	MATURE	HIGH	**15**	< 10%	8	20	LOW	LOW	PRESERVE	$3,760
2438		Coast Live Oak	*Quercus agrifolia*	(not heritage)	7	7	20	10	POOR (25%)	low vigor, spindly form	MATURE	HIGH	**4**	< 10%	8	5	LOW	LOW	PRESERVE	$310
2441	H	Coast Live Oak	*Quercus agrifolia*	**HERITAGE**	20, 16	26	40	35	GOOD (75%)	full green canopy, pleasing form	MATURE	HIGH	**13**	10% - 25%	8	17	MODERATE	HIGH	PRESERVE	$13,000
2442	H	Monterey Pine	*Pinus radiata*	**HERITAGE**	33	33	60	25	POOR (25%)	codominant leaders, moderate vigor	MATURE	MODERATE	**17**	10% - 25%	12	33	MODERATE	LOW	PRESERVE	$540
2443	H	Coast Live Oak	*Quercus agrifolia*	**HERITAGE**	(3) 8	14	25	20	FAIR (50%)	high vigor, codominant stems with narrow angles of attachment and included bark, growing into fence	MATURE	HIGH	**7**	< 10%	8	9	LOW	MODERATE	PRESERVE	$2,520
2444	H	Monterey Pine	*Pinus radiata*	**HERITAGE**	18.5	18.5	50	15	VERY POOR (10%)	top of tree dead; 30% live canopy	MATURE	MODERATE	**9**	10% - 25%	12	19	MODERATE	LOW	PRESERVE	$70
2445	H	Monterey Pine	*Pinus radiata*	**HERITAGE**	44	44	70	45	POOR (25%)	top of tree dead; 30% live canopy	MATURE	MODERATE	**22**	10% - 25%	12	44	MODERATE	LOW	PRESERVE	$970
2446	H	Coast Live Oak	*Quercus agrifolia*	**HERITAGE**	14, 12	18	45	25	FAIR (50%)	growing into fence, high vigor, understory tree	MATURE	HIGH	**9**	10% - 25%	8	12	MODERATE	MODERATE	PRESERVE	$4,160
2447	H	Coast Live Oak	*Quercus agrifolia*	**HERITAGE**	24, 17	29	55	30	GOOD (75%)	growing into fence, high vigor, full green canopy, codominant stems	MATURE	HIGH	**15**	10% - 25%	8	19	MODERATE	HIGH	PRESERVE	$16,200
2448	H	Coast Live Oak	*Quercus agrifolia*	**HERITAGE**	15	15	50	25	FAIR (50%)	asymmetrical canopy, poor tapor, low-vigor understory tree	MATURE	HIGH	**8**	< 10%	8	10	LOW	MODERATE	PRESERVE	$2,890
2450	H	Coast Live Oak	*Quercus agrifolia*	**HERITAGE**	18	18	30	25	FAIR (50%)	asymmetrical canopy, poor tapor, low-vigor understory tree	MATURE	HIGH	**9**	< 10%	8	12	LOW	MODERATE	PRESERVE	$4,160
KEY:																				
#		**Neighboring / City Street Tree**																		
#		**Removal Request**																		

SEE GLOSSARY FOR DEFINITION OF TERMS

*** 6X DBH is recongnized by tree care industry best practices as the distance from trunkface to a cut across the root plate that would result in a loss of approximately 25% of the root mass. Cuts closer than this may result in tree decline or instability.**
****Based on approximate distance to excavation and extent of excavation (as shown on plans).**
****Impact level assumming all basic and special tree protection measures are followed.**

Appraisal calculations summary available upon request.



TPZ NOTE: BLUE LINE INDICATES TEMPORARY TPZ FENCING LOCATION DURING CONSTRUCTION OF TRANSFORMER PAD. PROMPTLY RESTORE TPZ FENCING TO ORIGINAL LOCATION WHEN COMPLETE.

TPZ NOTE: FLOOD PARK WILL NOT BE USED FOR INGRESS/EGRESS OR MATERIAL STORAGE.

TPZ NOTE: TPZ FENCING MAY BE ADJUSTED DURING FENCE REPLACEMENT PHASE OF PROJECT. PROMPTLY RESTORE TPZ FENCING TO ORIGINAL LOCATION WHEN COMPLETE.

TPZ MAP LEGEND:

- TREE TO REMOVE
- TREE TO REMAIN
- TREE ON NEIGHBORS' PROPERTY / CITY STREET TREE
- TREE PROTECTION FENCING (SEE SPEC.)
- TEMPORARY TREE PROTECTION FENCING
- TRUNK WRAP (SEE SPEC.)

NOTE: TREES #10, #11, #12H, AND #2443H WERE PLACED BY PROJECT ARBORIST AND LOCATIONS ARE APPROXIMATE.

Tree protection fencing requirements as required by the City of Menlo Park:

1) Establish tree protection fencing radius by installing six (6)-foot tall chain link fencing mounted on eight (8)-foot tall, 1.5-inch diameter galvanized posts, driven 24 inches into the ground and spaced no more than 10 feet apart.

2) Post signs on the fencing (in English and Spanish) printed on 11"x17" yellow-colored paper (signage attached) with Project Arborist's contact information. Signage should be on each protection fence in a prominent location.

3) Movable barriers of chain link fencing secured to cement blocks may be substituted for fixed fencing if the Project Arborist and City Arborist agree that the fencing will have to be moved to accommodate certain phases of construction. The builder may not move the fence without authorization from the Project Arborist or City Arborist.

4) Place a 6-inch layer of coarse mulch or woodchips covered with ¾-inch plywood or alternative within the TPZ over bare ground prior to construction activity.

TREE PROTECTION ZONE MAP

320 SHERIDAN DR, MENLO PARK, CA

DATE:
rev. 07/26/24

TPZ ELEMENTS DRAWN:
B. FIRESTONE
ISA-CERTIFIED ARBORIST
#WE-8525A

BASE MAP: SITE PLAN C-2
by KPFF
(07/26/2024)

ARBORIST REPORT
pg. 31

Planning for Success.

January 8, 2025

Christopher R. Turner
Senior Planner
City of Menlo Park
701 Laurel Street
Menlo Park, CA 94025

Re: 320 Sheridan Drive Apartments Project – CEQA Class 32 In-Fill Exemption Review

Dear Chris,

EMC Planning Group, in collaboration with its subconsultant team, conducted an independent review and evaluation of the 88-unit multi-family residential project on 2.49 acres located at 320 Sheridan Drive in the City of Menlo Park (proposed project). The following letter outlines the findings of EMC Planning Group's evaluation to determine whether the proposed project qualifies for a categorical exemption pursuant to the California Environmental Quality Act (CEQA) Guidelines Section 15332 (In-Fill Development Projects).

The project applicant (Alliant Strategic Development) proposes a 100 percent affordable housing development at 320 Sheridan Drive, a Housing Element site, with priority given to employees of the Ravenswood City School District. The application is being submitted subject to the State Density Bonus Law (Government Code Section 65915 et. seq. and relevant amendments), which permits exceptions to the City's Zoning Ordinance requirements, Housing Accountability Act, and other portions of Senate Bill (SB) 330. As allowed under the State Density Bonus Law, the applicant is requesting waivers from development standards to decrease the minimum front setback, increase the maximum floor area ratio (FAR), increase the maximum driveway and paving area, increase the maximum height, decrease the parking and bicycle parking requirements, and decrease the minimum land area per dwelling unit.

As part of this review, EMC Planning Group and its subconsultant team conducted independent research, peer reviewed applicant-prepared technical reports, and reviewed project plans and application materials prepared by the applicant. Background documentation reviewed and referenced include, but are not limited to, the 2016 *City of Menlo Park General Plan* (general plan) and the *City of Menlo Park 6th Cycle 2023-2031 Housing Element* (housing element) and *Final City of Menlo Park Housing Element Update Program Subsequent Environmental Impact Report* (housing element SEIR). A complete list of sources referenced is included at the end of this letter.

CLASS 32 EXEMPTION CONDITIONS REVIEW

The California Code of Regulations (CEQA Guidelines) Section 15332, In-Fill Development Projects, states Class 32 consists of projects characterized as in-fill development meeting the conditions discussed below. The language of this exemption class is presented below, followed by an evaluation to determine if the proposed project meets the conditions of this exemption class.

15332. In-Fill Development Projects

Class 32 consists of projects characterized as in-fill development meeting the conditions described in this section.

(a) The project is consistent with the applicable general plan designation and all applicable general plan policies as well as with applicable zoning designation and regulations.

(b) The proposed development occurs within city limits on a project site of no more than five acres substantially surrounded by urban uses.

(c) The project site has no value as habitat for endangered, rare or threatened species.

(d) Approval of the project would not result in any significant effects relating to traffic, noise, air quality, or water quality.

(e) The site can be adequately served by all required utilities and public services.

(a) Consistency with General Plan Designation/Policies and Zoning Designation/Regulations

The property's current general plan land use designation is "Medium Density Residential." The "Medium Density Residential" land use designation allows up to 20 dwelling units per acre outside of the downtown area. The general plan land use designation of the project site was modified from "Low Density Residential" to "Medium Density Residential" for

consistency with the project site's "R-3 (Apartment)" zoning designation approved by the City Council on November 28, 2023. The City Council adopted CEQA findings at this November 28, 2023 hearing finding that the previously-certified housing element SEIR was adequate to serve as the required environmental documentation of the project site's general plan land use amendment. At 20 dwelling units per acre, the general plan would permit approximately 50 residential units at the project site (108,724 square feet divided by 2,178 square feet per dwelling unit; under State Density Bonus Law, all fractions are rounded up to the next closest number). As the applicant is utilizing the State Density Bonus Law, which allows an 80 percent density bonus for a 100 percent affordable project, the project site is therefore permitted to accommodate 90 residential units (50 dwelling units x 1.8). The applicant proposes 88 units, which is within the density bonus granted by the State Density Bonus Law.

It is important to note that use of State Density Bonus Law (found in California Government Code Sections 65915 – 65918) to exceed allowable densities and waive development standards does not render the project out of compliance with local zoning and land use regulations, including for CEQA purposes. A 2011 court case from the Court of Appeal of California, First District, *Wollmer v. City of Berkeley*, clarified the use of the CEQA infill exemption for density bonus projects. In that case, an opponent of a Berkeley density bonus project challenged the City's use of the urban infill exemption on the grounds that the City's modifications and waivers of development standards, as required under the State Density Bonus Law, meant that the project was not consistent with existing zoning. The court rejected that argument, finding that the modifications required by the State Density Bonus Law did not disqualify the project from claiming the exemption (*Wollmer v. City of Berkeley* [2011] 193 Cal.App.4th 1329, 1348-1349).

Compliance with General Plan Circulation Policies and Zoning Regulations

The City's TIA Guidelines also require evaluating the project's compliance with general plan Circulation Element policies and identifying measures to address any noncompliance. This is determined by a project's conformance to the goals and policies set forth in the general plan. The transportation goals in the general plan aim to maintain a multimodal transportation system that encourages active transportation, transit use, and appropriate curb management/parking implementation. Policies relevant to the specific context of this proposed project are listed in Table 3 of the Fehr & Peers' 2024 transportation analysis (page 9). As concluded in Fehr & Peers' analysis, the proposed project is consistent with the City's general plan goals of making circulation improvements to promote quality vehicular, bicycle, and pedestrian connections. These elements would support the City's goal to increase multimodal access and are consistent with the City's general plan goals.

Hexagon Transportation Consultants' review of the City's zoning code concluded the proposed project does not meet the city's vehicle and bicycle parking requirements. While the project does not meet the two parking spaces per unit required by the R-3 zoning district, projects subject to State Density Bonus Law have their own parking standards which the project complies with per California Government Code Section 65915 (p)(1). The applicant is also claiming the bicycle parking reduction as a State Density Bonus Law waiver; therefore, the project complies with applicable vehicle and bicycle parking requirements.

Therefore, the proposed project is consistent with the applicable general plan designation and all applicable general plan policies as well as with applicable zoning designation and regulations.

(b) Within City Limits on a Project Site of No More than Five Acres Substantially Surrounded by Urban Uses

The project site is located entirely within the city limits of Menlo Park, is less than five acres (2.49 acres), and is entirely surrounded by urban uses (residential neighborhoods, a neighborhood park, and U.S. Highway 101).

(c) No Value as Habitat for Endangered, Rare or Threatened Species

The 2.49-acre project site consists of a single parcel and was previously developed with the James Flood Magnet School, which closed in 2012. The school was demolished and the project site is presently vacant, with concrete pads and landscaping. There are several trees onsite, mostly around the perimeter, though there are a few that stand more or less in the center of the parcel. The site supports vegetation typical of urban development with both planted and weedy species. The parcel is immediately adjacent to U.S. Highway 101, with an approximately 10-foot stone wall separating the site from the busy highway. The site is adjacent to a parking lot serving an adjacent community park (Flood Park), the parking lot of a facility currently in use as an interim shelter and services site (LifeMoves), and single-family residences. The site has essentially flat topography with elevations around 16-18 feet.

As noted in the applicant-prepared biological report (Live Oak Associates 2024) and verified in the EMC Planning Group-prepared peer review, the project site is developed and is surrounded by development which prohibits the free movement of regional wildlife from one suitable habitat patch to another. Redevelopment of the parcel is not expected to have any further impact to the site's ecological value. Additionally, no conditions that would indicate the area is suitable for habitat for endangered, rare, or threatened species were observed during the site visit or during background research. The applicant-prepared

biological report provides substantial evidence that the property lacks value as habitat for endangered, rare, or threatened species, and the City agrees with the results of that report.

Therefore, the project site has no value as habitat for endangered, rare, or threatened species.

(d) Significant Environmental Impacts Related to Traffic, Noise, Air Quality, Water Quality

Traffic

Vehicle Miles Travelled (VMT) – CEQA/Environmental Analysis

Hexagon Transportation Consultants analyzed the proposed project's vehicle miles travelled (VMT) per the *City of Menlo Park's Transportation Impact Analysis (TIA) Guidelines* adopted in July 2020 and updated in January 2022. The City's TIA Guidelines state that a residential project is considered to have a significant VMT impact if its projected VMT per resident exceeds 15 percent below the regional average of 13.1. The threshold is therefore, 11.2 VMT per resident. The proposed project's VMT is 10 per resident and therefore, the project's VMT impact would be less than significant (Hexagon Transportation Consultants 2024).

Impacts on Pedestrian, Bicycle, and Transit Facilities

Hexagon Transportation Consultants' analysis of existing pedestrian, bicycle, and transit facilities concluded that the project would not impact current or planned facilities or require new construction of facilities. Sidewalks are present along nearby streets, providing continuous pedestrian access to Flood Park and Kelly Park. Bus stops on Bay Road at Greenwood Drive are within a typical walking distance (one-quarter mile). The project would not conflict with a program, plan, ordinance, or policy addressing the circulation system.

Hazards Due to a Geometric Design Feature or Incompatible Uses

As noted in the April 2024 Fehr & Peers memorandum evaluating the proposed project for consistency with both City and CEQA transportation analysis requirements, applicable design standards for this proposed project include the City's general plan and design standards published on the City's Public Works webpage. Design standards ensure safe and efficient travel of vehicles, bicycles, pedestrians, and transit vehicles. Using these standards, significant impacts related to safety and hazards would occur if the project conflicts with policies related to street design adopted by the City. As Fehr & Peers note, the proposed project does not propose public roadway network changes. The proposed internal roadway design, including driveway width and parking aisle width, are consistent with the City's *Driveway Design Guidelines* and *Parking Area Design Guidelines*, respectively. This conclusion was independently verified and confirmed by Hexagon Transportation Consultation in their

separate transportation impact analysis of the proposed project (Hexagon Transportation Consultants 2024, page 23). The types of vehicles associated with the proposed project's use (residential) also are compatible with the types of vehicles already traveling in the area, which are mostly associated with existing residential uses. Therefore, the proposed project would not introduce any geometric design features or incompatible uses (Fehr & Peers 2024, page 9-10).

Emergency Access

The project driveway and gate on Sheridan Drive would serve as access points for emergency vehicles. Figure 9 of the Hexagon report shows the turning movements of an emergency vehicle. The turning movements show that the project would provide adequate space for emergency vehicles to maneuver around the site (Hexagon Transportation Consultants 2024, page. 23 and 25).

The independently prepared transportation impact analyses prepared by Fehr & Peers (dated April 12, 2024) and Hexagon Transportation Consultants (dated November 26, 2024), respectively, provides substantial evidence that the proposed project would not have significant traffic impacts, and the City agrees with those analyses.

Therefore, the proposed project would not result in a significant environmental impact related to traffic.

Noise

The project applicant submitted a *CEQA Noise Study* and *Environmental Noise Assessment* prepared by Salter in May 2024. The Salter report(s) were peer reviewed by Illingworth and Rodkin, Inc. in October 2024. Salter submitted updated reports to the City in November 2024, based on recommendations provided in the peer review. Illingworth and Rodkin staff subsequently confirmed that the updated reports adequately disclose CEQA impacts and evaluate noise levels for compliance with the general plan and state building code.
A summary of the findings is provided below.

Construction Noise

The project's noise impacts were analyzed under the City's general plan Noise Element as well as the City's Municipal Code. Salter concluded that that construction of the project could result in short-term noise impacts on nearby residents; however, the project would be subject to the provisions in the City's General Plan and Municipal Code, which include limiting construction noise to 85 db at 50 feet between the hours of 8:00 am and 6:00 pm, Monday through Friday. In addition, signs will be posted at all entrances to the site, per the Municipal Code Section 8.06.030. During other times, construction activity noise must be

limited to 60 dB between 7:00 am and 10:00 pm, and 60 dB between 10:00 pm and 7:00 am. The proposed project also must comply with the City's standard conditions of approval and noise reduction measures listed on page 9 of the Salter *CEQA Noise Study*, which are required for construction on all Housing Element sites, including the project site. Therefore, the proposed project would result in a less-than-significant impact associated with construction noise.

Operational Noise

A significant impact is defined as an increase in DNL exceeding 3 dB that also raises ambient noise levels above the General Plan's acceptable guidelines. Salter evaluated traffic noise at three intersections (Sheridan Drive/Hedge Road, Hedge Road/Greenwood Drive, and Greenwood Drive/Bay Road) and concluded the project would not increase noise by more than 3 dB, resulting in a less-than-significant impact (Salter 2024, page 6).

Operational stationary noise was assessed against the Municipal Code's 50 dB limit at the nearest property line. Salter estimated a worst-case scenario of DNL 56 dB. Given existing site noise levels of DNL 68–85 dB (Table 1, page 5), the project's contribution would increase environmental noise by less than 1 dB and therefore would a be a less-than-significant impact (Salter 2024, page 7).

The applicant-prepared noise report (as revised) provides substantial evidence that the project would not have significant noise impacts, and the City agrees with that analysis.

Therefore, the proposed project would not result in a significant environmental impact related to noise.

Air Quality

The project applicant submitted a Construction Emissions and Health Risk Assessment prepared by Illingworth and Rodkin, Inc., in April 2024, peer-reviewed by EMC Planning Group in November 2024. Illingworth & Rodkin, Inc., updated the report on December 5, 2024, based on recommendations. A summary of the findings is provided below.

Construction Air Quality

The Bay Area Air Quality Management District (BAAQMD) indicates that a project would have a less-than-significant construction impact if CEQA significance thresholds are not exceeded, as outlined in Table 1 of the Illingworth & Rodkin report (page 4). Illingworth and Rodkin, Inc. concluded that predicted unmitigated annualized project construction emissions would not exceed the BAAQMD significance thresholds during any year of construction (Table 3, page 8). Implementation of BAAQMD Best Management Practices (BMP) would

be required by the City as a standard condition of approval consistent with the City's General Plan (Illingworth & Rodkin 2024, page 9).

Operations Air Quality

According to the Bay Area Air Quality Management 2022 *CEQA Air Quality Guidelines* (air quality guidelines) Table 4-1, Single Land Use Construction and Operational Criteria Air Pollutant and Precursor Screening Levels, the operational criteria pollutant screening size for apartments is 638 dwelling units. At 88 dwelling units the proposed project is below all screening thresholds. The air quality guidelines state, if the project meets the screening criteria in Table 4-1, the project would not result in the generation of operational-related criteria air pollutants and/or precursors that exceed the Thresholds of Significance. Operation of the proposed project would therefore result in a less-than-significant cumulative impact to air quality from criteria air pollutant and precursor emissions.

The applicant-prepared air quality report (as revised) provides substantial evidence that the project would not have significant air quality impacts, and the City agrees with that analysis.

Therefore, the proposed project would not result in a significant environmental impact related to air quality.

Water Quality

The proposed project would include impervious surfaces (building, parking and maneuvering, and walkways) on approximately 73.6 percent, or 80,024 square-feet of the project site. The remainder of the site, 26.3 percent, or 28,700 square-feet would consist of landscaping (site plan, page A0.03).

Construction Water Quality

The proposed project will be required to comply with all City of Menlo Park ordinances, policies, and processes regarding the construction and post-construction treatment of storm water runoff. All project construction activities would be subject to existing regulatory requirements including Menlo Park Municipal Code Title 7, Chapter 7.42 (Stormwater Ordinance 859). Because land disturbance associated with the proposed project would affect more than one acre, coverage under the National Pollutant Discharge Elimination System (NPDES) Construction General Permit would be required. The Construction General Permit requires the applicant to file a Notice of Intent to discharge stormwater and prepare and implement a Stormwater Pollution Prevention Plan (SWPPP). Standards contained in the Construction General Permit would ensure that water quality would not be degraded. As part of compliance with the Construction General Permit, standard erosion control

measures and other BMPs would be identified in the SWPPP. These measures would be implemented during construction to reduce contamination and sedimentation in waterways.

In addition to compliance with the Menlo Park Municipal Code (Title 7, Chapter 7.42) and the permit review process, the applicant would also be required to prepare and implement a Grading and Drainage Plan. BMPs implemented as part of the Grading and Drainage Plan would reduce the amount of stormwater runoff and prevent the entry of project-related sediment and pollutants into the city's storm drain system and surface waters. Project construction would be required to be in compliance with the Construction General Permit, including development and implementation of the SWPPP, and local stormwater regulations, such as the Menlo Park Municipal Code and other related regulations. Compliance with the requirements would ensure that construction activities would not result in a violation of water quality standards or waste discharge requirements or otherwise result in water quality degradation.

Operations Water Quality

The project plans include Civil Sheet C-4, Preliminary Stormwater Control Plan. The proposed project would be designed and maintained in accordance with City of Menlo Park, County of San Mateo, and San Francisco Bay Regional Water Board water quality requirements, such as the San Francisco Bay MRP and SMCWPPP water quality requirements. Furthermore, it would comply with the General Construction Permit, San Francisco Bay MRP, Provision C.3, and SMCWPPP Provision C.3 Stormwater Technical Guidance. The proposed project would also implement the SWPPP and other erosion control measures and incorporate stormwater treatment measures, such as bioretention ponds and self-retaining areas. The proposed project would not violate any water quality standards or otherwise result in water quality degradation during operation. Therefore, impacts on water quality during operation would be less than significant.

Therefore, the proposed project would not result in a significant environmental impact related to water quality.

(e) Adequately Served by All Required Utilities and Public Services

The City's general plan EIR and housing element SEIR determined that impacts to public service and recreation facilities caused by increased residential development and employment in the City would be offset by payment of standard fees, compliance with existing policies and regulations, and required environmental review for facility improvement projects if and when the need for such improvements are identified.

The City, the County of San Mateo, and the project applicant have verified with California Water Service (Bear Gulch District) (Cal Water) via will serve letter (dated May 29, 2024) that Cal Water has sufficient water capacity to serve the project. Additionally, West Bay Sanitary District has verified adequate wastewater service capacity as well (via will serve letter dated May 31, 2024). The Menlo Park Fire District reviewed the plans and provided a comment letter dated March 21, 2024 stating that the project will need to comply with the applicable local and state fire codes when the applicant submits building permit application(s).

Based on the above noted documentation and conclusions of the housing element SEIR, there is no substantial evidence that the proposed project, located on an infill parcel in the City of Menlo Park, cannot be adequately served by police and fire protection services, as well as water and wastewater services.

EXCEPTIONS REVIEW

Section 15300.2 of the CEQA Guidelines lists exceptions that would prohibit a project from qualifying for a categorical exemption pursuant to CEQA Guidelines Section 15300 and Section 21084 of the Public Resources Code. Even if the project satisfies the requirements for one or more of the exemption classes, the project would be ineligible from using the Class 32 infill exemption, if any of the exceptions set forth in Section 15300.2 apply.

15300.2. EXCEPTIONS

(a) Location. Classes 3, 4, 5, 6, and 11 are qualified by consideration of where the project is to be located – a project that is ordinarily insignificant in its impact on the environment may in a particularly sensitive environment be significant. Therefore, these classes are considered to apply all instances, except where the project may impact on an environmental resource of hazardous or critical concern where designated, precisely mapped, and officially adopted pursuant to law by federal, state, or local agencies.

Discussion: The project qualifies for a Class 32 exemption, which is not one of the specified classes of exemptions to which this exception applies. Therefore, the location exception does not apply to the project.

(b) Cumulative Impact. All exemptions for these classes are inapplicable when the cumulative impact of successive projects of the same type in the same place, over time is significant.

Discussion: The proposed project helps to fulfill the vision of the Housing Element to increase housing opportunities, including below-market housing. The proposes project also would be on a previously developed site that is adequately served by roads, utilities, and public services. There are no other vacant sites in the immediate area of the project site, which is in an urban area. No successive projects on the project site are known or expected to occur over time that would result in cumulatively considerable impacts. Such projects would be required to implement the same state, regional, and local requirements and standard conditions of approval that would prevent successive projects of the same type in the same place from creating a significant cumulative impact over time. Therefore, there is no cumulative impact of successive projects of the same type in the same place over time.

(c) Significant Effect. A categorical exemption shall not be used for an activity where there is a reasonable possibility that the activity will have a significant effect on the environment due to unusual circumstances.

Discussion: Case law makes clear that application of this exception must proceed in two steps. The first is to determine whether a proposed project involves "unusual circumstances." If the answer to that question is in the affirmative, the second step is to consider whether those unusual circumstances will give rise to potentially significant environmental effects. (*Berkeley Hillside Preservation v. City of Berkeley* (2015) 60 Cal.4th 1086, 1097-1105 (*Berkeley Hillside*.) As explained below, the proposed project does not involve any unusual circumstances with respect to its location, size, environmental setting, physical attributes, surrounding land uses, or planning context – factors considered relevant under case law.

The proposed project (320 Sheridan Drive Affordable Multi-Family Apartments) is consistent with the 2016 *City of Menlo Park General Plan* land use designation of "Medium Density Residential, and the City's zoning designation of Apartment District (R-3). The project site would be located on a relatively flat parcel surrounded by urban development within the City of Menlo Park. There is nothing unusual about the project site as a typical infill parcel and nothing unusual about the proposed project as a typical infill project. The project features (100 percent affordable multi-family apartments) are typical project features that do not differ from other projects eligible for the Class 32 infill exemption. Therefore, there are no unusual circumstances regarding conditions of the project site or in the immediate vicinity.

(d) Scenic Highways. A categorical exemption shall not be used for a project which may result in damage to scenic resources, including but not limited to, trees, historic buildings, rock outcroppings, or

> similar resources, within a highway officially designated as a state scenic highway. This does not apply to improvements which are required as mitigation by an adopted negative declaration or certified EIR.

Discussion: According to the California Department of Transportation Scenic Highway Map, the project site is located approximately 4.8 miles northeast of the nearest officially designated California scenic highway (State Route 280 from Sand Hill Road southwest of West Menlo Park) (Caltrans 2018).

The project site is not visible from State Route 280 due to intervening development, topography, and vegetation, and therefore would have no adverse effect on scenic resources within a highway officially designated as a state scenic highway.

> (e) Hazardous Waste Sites. A categorical exemption shall not be used for a project located on a site which is included on any list compiled pursuant to Section 65962.5 of the Government Code.

Discussion: The proposed project is not located on a site that is included on any list compiled pursuant to Section 65962.5 of the Government Code. The site is not located on the California Environmental Protection Agency's Cortese List (Health and Safety Code Section 25187.5). The State Water Resources Control Board's GeoTracker (Health and Safety Code Section 25295 and Water Code Sections 13273 and 13301) does not indicate any hazardous sites within the project site. The project site is also not listed on the California Environmental Protection Agency's list of solid waste sites identified by the Water Board with waste constituents above hazardous waste levels outside the waste management unit (Health and Safety Code Section 116395).

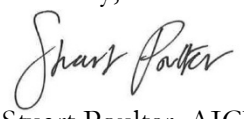
> (f) Historical Resources. A categorical exemption shall not be used for a project which may cause a substantial adverse change in the significance of a historical resource.

Discussion: The project site, a vacant lot at 320 Sheridan Drive, contains no historical resources as confirmed in the archaeological survey report prepared by applicant consultant, Archaeological/Historical Consultants (AHC), dated December 2023. The AHC report was peer reviewed by EMC Planning Group Registered Professional Archaeologist, Vanessa Potter, MA, and determined to be sufficient for determining potential cultural resource impacts pursuant to CEQA, and the City agrees with that determination. Therefore, the project would have no impact on historical resources.

Conclusion

Based on its review, EMC Planning Group has concluded that none of the exceptions listed in CEQA Guidelines section 15300.2 (a-f) apply to the proposed project (discussed above). This findings summary letter provides documentation that the proposed project meets all the conditions (a-e) listed above for a Class 32 exemption and that none of the exceptions to the exemption apply. Therefore, a Class 32 infill (categorical) exemption is appropriate for the proposed project pursuant to CEQA Guidelines Section 15332.

Sincerely,



Stuart Poulter, AICP, MCRP
Principal Planner

Cc: Corinna D. Sandmeier, Principal Planner, City of Menlo Park

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EXHIBIT G

SHERIDAN DR. APARTMENTS

320 SHERIDAN DR. | MENLO PARK

Transportation Demand Management Plan

September 12, 2024

320 Sheridan Drive Apartments
Menlo Park

Transportation Demand Management Plan
(Transportation Action Plan)

Prepared for:

Alliant STRATEGIC

Alliant Strategic Development

Prepared by:

TDM SPECIALISTS, INC.
A Transportation Demand Management Company

(408) 420-2411

September 12, 2024

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Nearby Amenities and Services
Resident Caltrain Go Pass Program Flier
Draft Traditional Transit Subsidy Waiver Letter
Commute.org Certified Developer Program Flier

TDM SPECIALISTS, INC. QUALIFICATIONS

TDM EXECUTIVE SUMMARY

According to the City of Menlo Park General Plan, Circulation Element, the project will be required to develop and implement TDM Plans. "*Transportation Demand Management (TDM) programs are intended to reduce vehicle trips and parking demand by promoting various transportation options and shifting travel modes and time of day to take advantage of available capacity to reduce crowding and congestion. By implementing TDM programs, municipalities and private entities can use available transportation resources more efficiently.*"

This TDM Plan will be consistent with the City's TDM code requirements and goals of reducing drive-alone trips as outlined in the City's TDM code requirements and objectives outlined in the Climate Mitigation and General Plan. This TDM proposes effective and appropriate TDM measures based on its size, location, and land use.

The recommended TDM measures will reduce vehicle miles traveled and increase sustainable trips. A careful site assessment has informed the TDM measures recommended in this section and aligns with the submittal requirements in Chapter 11.64 of the Municipal Code.

Excerpt from Transportation Systems Management – the purpose is:

Reduction of traffic impacts within the city and region by reducing both the number of vehicular trips and total vehicle miles traveled that might otherwise be generated by commuting; and

Reduction in vehicular emissions, energy usage and ambient noise levels by reducing the number of vehicular trips, total vehicle miles traveled and traffic congestion.

SOURCE: Menlo Park Municipal Code, Chapter 11.64

TDM INFRASTRUCTURE AND PHYSICAL MEASURES

- Bicycle parking – inside secure bike room (Class I)
- Bicycle parking – short-term racks (Class II)
- Fix-it bicycle repair station
- On-site and outdoor amenity spaces
- Parking reduction
- Nearby amenities and services

TDM PROGRAMMATIC MEASURES

- TDM Coordinator – property management
- Transportation Management Association Participation
- Personalized commute planning
- Try Transit Passes
- Resident transit subsidy - Caltrain Go Pass program
- Clipper START discounted pass
- Clipper Card grants up to $7,500
- Low-income Community Transportation Benefits Program
- Guaranteed Ride Home program
- Ride matching resources

- $100 Commute.org carpool incentive
- $100 Commute.org bicycle incentive
- State E-bike Purchase Incentive program
- Resident commuter resource flier

TDM PERFORMANCE MONITORING AND SURVEYING

- Commute.org Developer Certification
- Annual resident commute survey
- Annual monitoring report
- No expiration of TDM plan or programs

TDM Planning

The following comprehensive TDM Plan addresses resident commute trips associated with a residential project. The TDM Plan contains appropriate measures and elements consistent with other Peninsula and regional commute programs.

This TDM Plan encompasses an array of alternative transportation mode-use strategies categorized in the following three sections:

I. Existing Transportation Facilities
II. TDM Infrastructure and Physical Measures
III. Programmatic TDM Measures
IV. TDM Monitoring and Reporting

1.0 REGULATORY AND SUSTAINABLE ENVIRONMENTS

The TDM Plan combines services, incentives, facilities, and actions that reduce single-occupant vehicle (SOV) trips to relieve traffic congestion, parking demand, and air pollution problems. The following are goals achieved through the effective utilization of a TDM Plan with the use of TDM measures:

- *Reduce parking demand by converting SOV trips to alternative transportation (e.g., transit, carpool or vanpool, bicycling, or walking).*
- *Shift travel to less congested routes by providing traveler information systems that warn motorists about delays or alternative ways.*
- *Support other technological solutions (e.g., compressed natural gas, electric/hybrid vehicles, or zero-emission vehicles).*
- *Eliminate or shift trips from peak periods (e.g., flexible schedules, compressed workweeks, or telecommuting).*

Successes achieved by TDM Planning will also reduce greenhouse gas (GHG) emissions while providing sustainable mobility solutions.

Below is a summary of city, county, and state policy goals related to sustainability, congestion management, and GHG reduction.

City of Menlo Park

- **ConnectMenlo, 2016 General Plan**
  As stated in the Circulation Element, Transportation Demand Management (TDM) programs aim to decrease vehicle trips and parking demand by promoting various transportation options and adjusting travel modes and timing to reduce congestion.

  These programs help municipalities and private entities utilize transportation resources more efficiently. They can include intelligent transportation systems and other tech solutions to provide real-time transportation information. To enhance effectiveness, the City of Menlo Park can support the development and upkeep of a Transportation Management Association (TMA). TMAs focus on reducing vehicle trips in specific areas and helping residents, employees, and businesses access transportation options between activity centers and public transit hubs. The city can collaborate with neighboring agencies in San Mateo and Santa Clara Counties to expand transportation options near major activity centers.[1]

[1] *City of Menlo Park, General Plan, Circulation Element, Transportation Demand Measures, page CIRC-13*

- **2030 Climate Action Plan Plan**
  The City of Menlo Park's Climate Action Plan aims to reduce carbon emissions 40 percent below 1990 (equal to 49 percent below 2005 levels) by 2030 and 80 percent below 1990 (or 83 percent below 2005) by 2050. The Transportation and Land Use Sector, Goal 4 states, "Promote sustainable development that reduces vehicle miles traveled." [2]

  - Action: Reduce vehicle miles traveled (VMT) by 25% or an amount recommended by the Complete Streets Commission
  - Description: Reduce VMT, especially by gasoline vehicles, through a two-pronged approach:

    1. Change zoning to encourage higher density (esp. for housing) near transit
    2. Make the city easier to navigate without a car by accelerating the implementation of the Transportation Master Plan with an emphasis on developing a clear network of protected pedestrian/bike paths throughout town

  Menlo Park is focusing its resources on ongoing projects to reduce vehicle miles traveled (VMT). This includes utilizing the SB2 Housing grant, finalizing the Transportation Management Association feasibility study, and implementing VMT guidelines for new development established in June 2020. Additionally, the Complete Streets Commission prioritizes projects from the Transportation Master Plan that help decrease VMT. Menlo Park plans to amend the Commission's two-year work plan to include setting a VMT reduction target in 2022, pending staff availability, without affecting planned capital projects.

- **Menlo Park Municipal Code[3]**
  The pertinent goals of Chapter 11.64, Transportation Systems Management, include the following:

  - Reduction of traffic impacts within the city and region by reducing both the number of vehicular trips and total vehicle miles traveled that might otherwise be generated by commuting;

  - Reduce vehicular emissions, energy usage, and ambient noise levels by reducing the number of vehicular trips, total vehicle miles traveled, and traffic congestion.

[2] 2030 Climate Action Plan

[3] Menlo Park Municipal Code, Chapter 11.64 Transportation Systems Management

San Mateo County Congestion Management Plan[4]

- All land-use changes or new developments that require a negative declaration or an Environmental Impact Report (EIR) and if projections generate a net (subtracting existing uses that are currently active) of 100 or more trips per hour at any time during the a.m. or p.m. peak hour period; must be reported to CCAG within ten days of completion of the initial study prepared under the California Environmental Quality Act (CEQA).

State Regulatory Setting

The State of California has given many organizations and agencies the responsibility of creating guidelines, policies, and thresholds that meet emissions legislation. Below is a summary of laws from the Office of Planning and Research, California Air Resources Board (CARB), California Air Pollution Control Officers' Association, Council of Governments, and the Attorney General's office.

- **Senate Bill 375 –** establishes improved land use and transportation policy supporting AB32 by providing a means for achieving the AB32 goals for cars and light trucks through land-use changes. This legislation created potentially revolutionary changes in California's regional planning processes for housing and transportation by mandating sustainable regional growth plans. These plans expect to double the GHG emission reduction targets that local governments must meet through land-use planning.

  The CEQA streamlined review process for developers is the most significant provision of the bill. Projects that meet specific criteria, including at least 50 percent residential use, high densities, and within 0.50 a mile from a rail, ferry, or bus line with 15-minute headways or less – qualify for a CEQA review exemption.

- **Assembly Bill 1287 –** expands the State Density Bonus Law to offer more incentives to developers, including affordable housing units. It increases the incentives and concessions available to entirely affordable projects to lower-income households, with a small portion allowed for moderate-income households. Additionally, it introduces new incentives for projects with a percentage of units affordable to very low-income or moderate-income households.

  Notably, AB 1287 introduces significant new density bonuses besides those already available under the existing law. Previously, projects meeting certain affordability thresholds could receive up to a 50% density bonus. Projects exceeding these thresholds can earn additional density bonuses based on a sliding scale. For example, a project providing 20% of units for very low-income households would receive a total bonus of 55%,

[4] www.ccag.ca.gov

up from the previous maximum of 50%. These new bonuses could potentially double the base density of a development.

2.0 PROJECT DESCRIPTION

The applicant utilizes the State Density Bonus Law to propose 88 new homes across three 3-story buildings. The site design prioritizes the preservation of four heritage oak trees and optimizes amenities for all residents.

The entrance at Sheridan Drive transforms into a private drive with parking on both sides, providing 116 parking spaces. Emergency access is enhanced with a gated but accessible entrance for emergency personnel at the northeastern corner.

A spacious outdoor gathering space between Buildings 2 and 3 features a picnic grove with a trellis, communal barbecue, and play equipment for children of different ages. This area includes one of the preserved heritage oaks and connects pedestrians and cyclists to Flood Park.

Additionally, bicycle parking is provided; each home includes a private outdoor patio with lockable storage. Residents can also enjoy a 2,217-square-foot community room inside Building 3, which opens to the shared outdoor space.

Below is a project location map.

Project Location (and Radius) Map

SECTION I – EXISTING TRANSPORTATION FACILITIES

The below transit matrix describes SamTrans bus routes 81, 82, 83, 88, and 281, operating within 0.25 miles of the project (as the crow flies). There are 104 weekday transit trips near the project site. The Palo Alto Transit Center (Caltrain Station) is 0.25 miles from the project site.

Transit Resources within 0.30 miles of the Project

Route	Span of Service	Trips per Weekday	Communities Served
81 Samtrans	School Days Only 5 Days/Week 7:24 a.m. - 4:29 p.m.	4	Purdue/Fordham, Onetta Harris Community Center, **Newbridge/ Market**, Newbridge/ Carlton, Willow/Nash, Menlo-Atherton High School, Middlefield/Oak Grove, Willow/Gilbert, and Purdue/Fordham
82 Samtrans	School Days Only 5 Days/Week 7:40 a.m. - 3:17 p.m.	2	Bay/Harmon, **Bay/Del Norte**, Coleman/Menlo Oaks, Santa Monica/San Andreas, Merrill/Santa Cruz, Hillview Middle School, and Bay/Marsh
83 Samtrans	School Days Only 5 Days/Week 7:28 a.m. - 4:05 p.m.	2	Bay/Harmon, **Bay/Del Norte**, Bay/Ringwood, Durham/Laurel, Marmona/Robin, Merrill/Santa Cruz, Hillview Middle School, and Bay/Marsh
88 Samtrans	School Days Only 5 Days/Week 3:15 p.m. - 3:36 p.m.	2	Encinal Elementary School, **Bay/Del Norte**, and Bay/Marsh
281 Samtrans	7 Days/Week 5:55 a.m. - 10:41 p.m.	94	Onetta Harris Community Center, **Newbridge/Market**, Bay/University, University/Donohoe, Palo Alto Transit Center, and Stanford University Oval
Total Bus Trips/Weekday		**104**	

* All buses and trains are lift equipped for handicapped, elderly, or those in need.

Red Font represents the closest transit access point to the project site.

Blue Font represents connecting transit Centers/Stations

While transit resources are within a quarter mile of the site, the walking distances are longer. Routes 82, 83, and 88 are within 0.40 miles of the site, a ten-minute walk. Routes 81 and 281 are 0.50 miles from the project and a ten-minute walk. Below is the Walking to Transit Access Map; page 8 shows the SamTrans System Map.

Walking to Transit Access Map

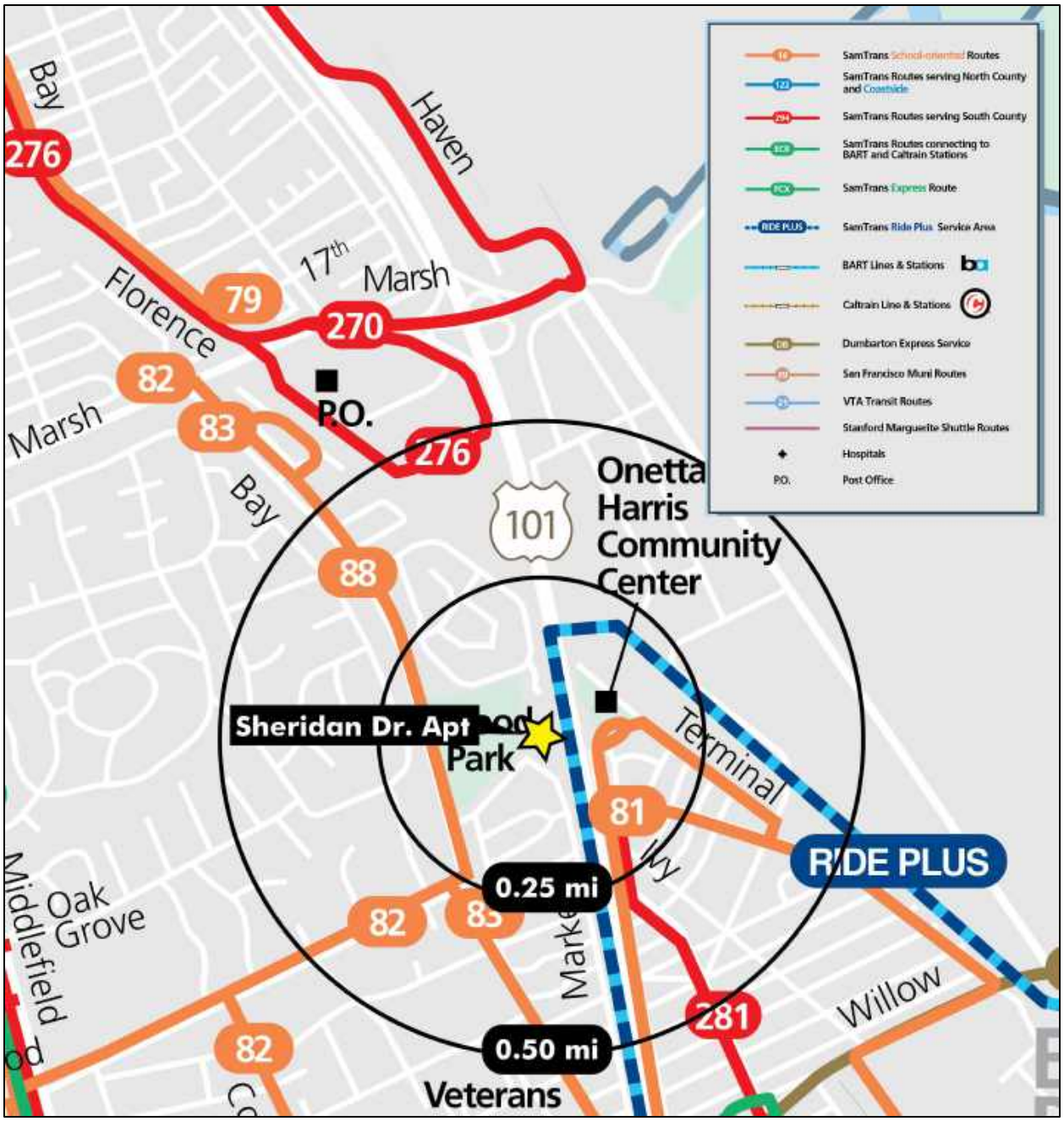
Shopper's Shuttle - Door-to-Door to Menlo Park, Palo Alto, Redwood City

The Shoppers' Shuttle offers a convenient door-to-door service for anyone needing assistance or who isn't close to a regular shuttle stop. It's free and wheelchair accessible.

The shuttle picks up passengers at 9:30 a.m. to take them to their destinations. Riders have about two hours at their destination before being picked up to return home, starting at 12:30 p.m. Shuttle drivers can also help carry your packages and groceries to your door. Book at least one day in advance.

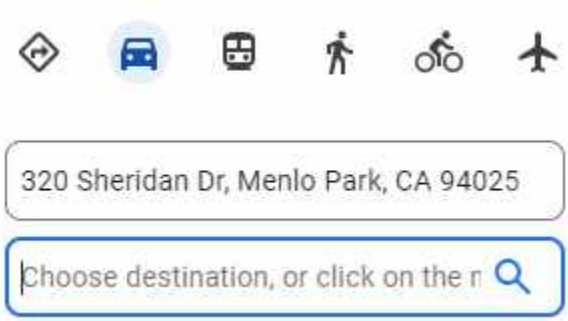
On Wednesdays and Saturdays, the shuttle operates within Menlo Park and Palo Alto destinations, while on Tuesdays, it travels to Redwood City. For medical or dental appointments, door-to-door transportation is available for a fee through Little House. Call 650-272-5040 for more information.

SamTrans System Map



Transit Trip Planning Resources

Online trip planning services are a helpful tool for planning bicycle and public transit trips. Google has also collaborated with select regional transit agencies to provide a public transit planner for SamTrans, AC Transit, and BART riders. Residents can find this public resource service online at https://maps.app.goo.gl/.



The SamTrans mobile app is a valuable resource for commuters planning to ride on the SamTrans system. Commuters can use this app to pay bus fares, buy and activate tickets, and see SamTrans departures, timetables, and routes.

The Caltrain Mobile app allows commuters to purchase and use fares instantly on their mobile phones.

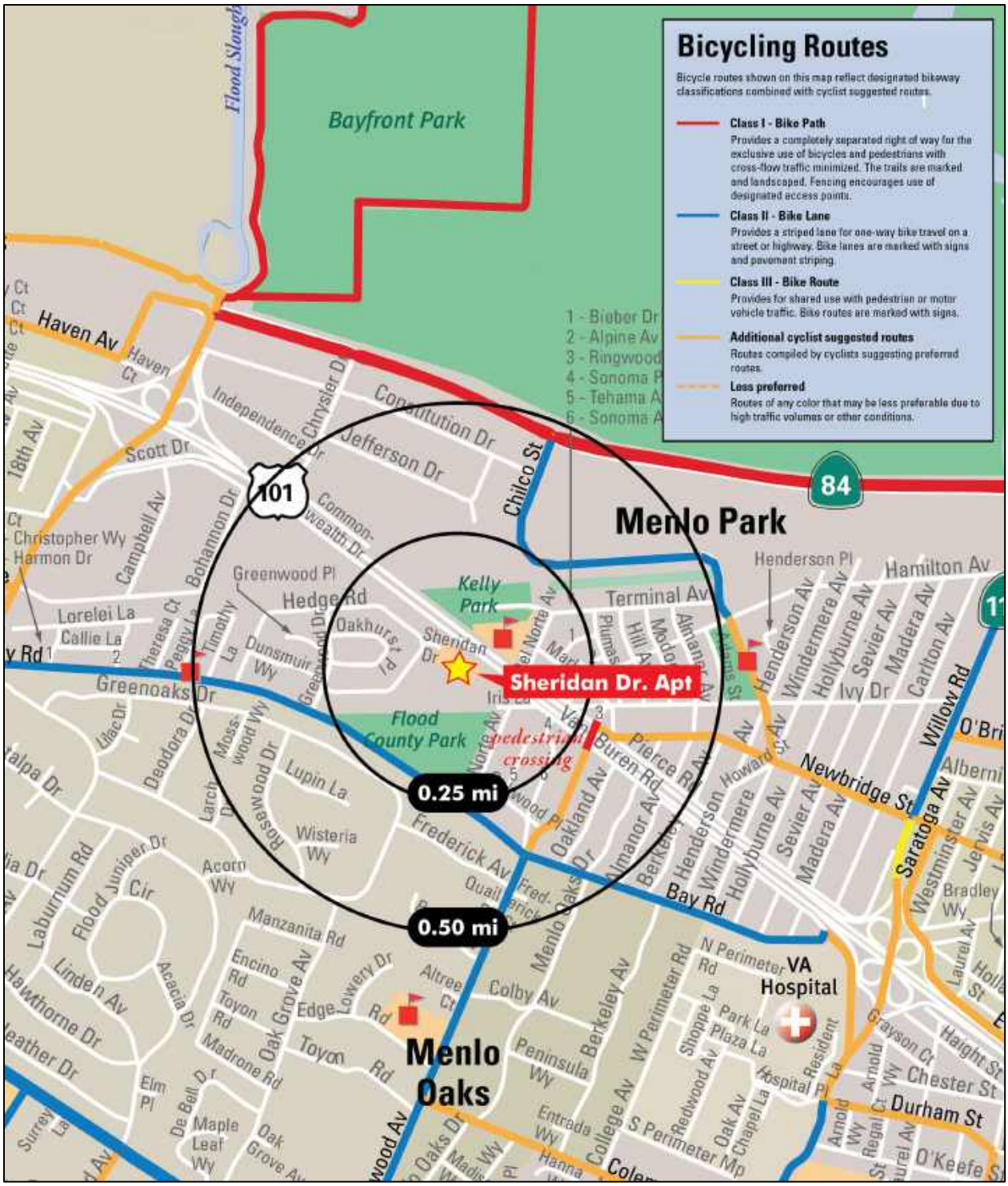
Residents can easily download the CaltrainMe app to access Caltrain's schedules and rider alerts.

Bicycle Connections

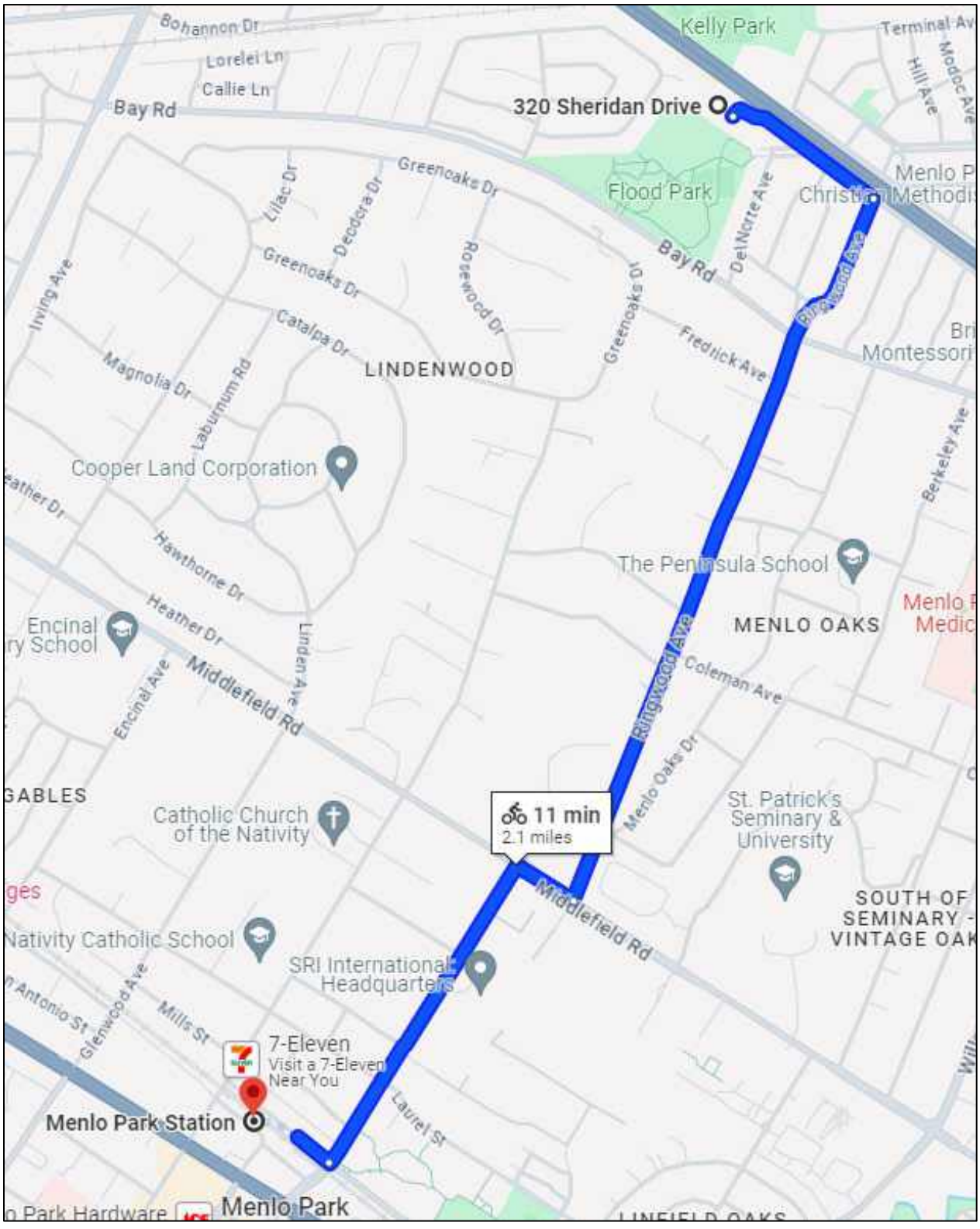
The San Mateo County Bicycle Map on page 10 shows bicycling routes indicating designated bikeable classifications combined with cyclist-suggested routes within the project proximity.

The Menlo Park Caltrain Station is 2.1 miles from the project site. On page 11 is a bicycle route map from the project site to the Menlo Park Caltrain Station, an 11-minute bicycle trip.

San Mateo County Bicycle Map



Bicycle Route from Menlo Park Caltrain Station



Bicycle Commuter Resources

Commute.org offers free bike education and virtual workshops on bike safety, rules of the road, bike commuting, and family biking. These workshops are available to employers and residential properties in San Mateo County.

Property Management may promote webinar training videos on the property's dedicated website and resident newsletter, accessible on the links below.

- Bike Safety and Rules of the Road
- Finding the Best Bike for You - Tips for Any Budget
- Bike Commuting
- Family Biking - How to Bike Safely with Adults and Kids of Any Age
- How to Haul Anything by Bike

Residents who are bicycle commuters will find cycling information and can log on to https://511.org/biking. The 511 system provides significant resources for bicycle commuters, including:

- Bicycle maps
- Location of bike lockers
- How to take your bike on public transit
- How to take your bicycle across Bay Area toll bridges
- How to ride safely in traffic
- Tips for bike selection
- Links to bicycle organizations
- Bike to Work Day
- Bike Commute Calculator
- Tips on bike commuting

Bike to Work

Bike to School

Maps & Trails

Bicycle Access

Maintenance

Safe Routes to Schools[5]

Safe Routes to School (SRTS) programs promote healthy, safe transportation by making it easier and more fun for students to bike or walk to school, all while reducing traffic congestion during pickup and drop-off.

The San Mateo County Office of Education can help residents and local schools with SRTS programs. Check out their website below to learn more.

[5] https://commute.org/resources/schools/

SECTION II – TDM INFRASTRUCTURE & PHYSICAL MEASURES

The following physical infrastructure measures support commuters who use alternative transportation. These TDM Plan components will be installed or coordinated during construction.

3.0 PARKING FACILITIES

The project proposes having 116 parking spaces, including nine electric charging spaces and 41 electric-capable parking spaces.

M15 – Parking Reduction

The required code parking was estimated at 155 spaces. The applicant will reduce on-site parking to 116 spaces, a 25 percent reduction. Reduced parking helps limit parking available to commuters, encouraging alternative mode-use by making it more difficult for drive-alone commuters to find parking spaces.

M15 - Reduced Parking
Provide off-street parking at least 10% below locally-required minimums, or else below the locally-permitted parking maximums.

Provide off-street private parking below local zoning code required minimums for a per-unit or square foot basis. Reduced parking can encourage new development at higher densities and can promote greater use alternative transportation modes, particularly in combination with other TDM measures. This measure, however, is typically only effective when parking is constrained and ample on-street parking is not available.

4.0 BICYCLE AND PEDESTRIAN FACILITIES

M8 – Long-Term Bike Parking (Class I)

The project will provide on-site long-term Class I bicycle parking facilities for each of the 88 resident units. The project's bicycle facilities will comply with CALGreen minimum bicycle parking requirements.

M8 – Short-Term Bike Parking (Class II)

The applicant will provide visitors and guests with ten short-term bicycle parking facilities (racks). Bike parking within the right-of-way may require an encroachment permit and maintenance agreement. If bike racks are installed on the sidewalk, they will not infringe on pedestrian space or ADA rules.

CALGreen | California Department of Housing and Community Development

M8 - Secure Bicycle Storage
Comply with CALGreen minimum bicycle parking requirements.

Provide safe and convenient long-term (Class I) bicycle parking. Long-term bicycle parking should offer protection from the weather and convenient access to and from the street, without the need to use stairs and with doorways and corridors that are sufficiently wide to navigate with a bicycle.

Short-term (Class II) bicycle parking should be near pedestrian entries and may be in the public right-of-way. Short-term bicycle parking may be used for visitors, couriers, or customers, typically for less than two hours.

M9 – Design Streets to Encourage Bike/Ped Access

The applicant's street improvements include the following:

- Add/stripe bicycle sharrow stencils along portions of Hedge Road.
    - The project has access for bicyclists from the site to Hedge Road via Sheridan Drive. Hedge Road provides a shorter trip for cyclists to Bay Road at the intersection of Marsh Road, where there is M3 shuttle connectivity. Marsh Road also allows connectivity to Florence Street, including the Delucchi's Market, a Starbucks, a Yoga shop, dry cleaners, a fitness studio, a pizzeria, and a brewing company.

M9 - Design Streets to Encourage Bike/Ped Access
Design adjacent streets or roadways to facilitate multimodal travel.

Design street or roadways that provide travel choices and give people the option to avoid traffic congestion, increasing the overall capacity of the transportation network. Street designs should enable safe access for all users of all ages and abilities. Improving pedestrian and cyclist safety and comfort can increase the use of active transportation for residents or employees of a project site.

M23 – Gap Closure

The applicant will construct or enhance the quality of biking and walking facilities to/from the site to the adjacent baseball field and Flood Park, connecting pedestrian walkways to Van Buren Road and bicycle facilities along sections of Hedge Road. The project will integrate pedestrian and bicycle connections to enhance accessibility. This approach benefits site residents and the

broader community by addressing local pedestrian and bicycle network gaps and improving overall connectivity.

M23 – Gap Closure
Construct or enhance quality of biking and walking facilities to/from site to existing trails, bikeways, and/or adjacent streets.

Establish pedestrian and bicycle connections from a project site to existing trails, bikeways, or adjacent streets. This can promote walking and biking by improving safety and comfort and making local and regional connections easier to access. This measure not only benefits site employees or residents, but also other pedestrians and cyclists in the area, particularly if the new development is able to close gaps in the bicycle or pedestrian network or improves overall access to these facilities.

M24 – Fix-it Bicycle Repair Station

The project will install a bicycle Fix-it station to allow cyclists to conduct minor maintenance on their bikes. The Fix-it includes all the tools necessary to perform basic repairs and maintenance, from changing a flat to adjusting brakes and derailleurs. The tools and air pump are securely attached to the stand with stainless steel cables and tamper-proof fasteners. Hanging the bike from the hanger arms allows the pedals and wheels to spin while adjusting.

M24 - Bike Repair Station
Offer on-site bike repair space/tools in visible, secure area.

Offer a bicycle repair station or toolkit, within a designated, secure area of the building, such as a bicycle storage room, to encourage bicycling and support employees and residents who cycle. Tools and supplies can include those necessary for fixing a flat tire, adjusting a chain, and performing other basic bicycle maintenance. Maintenance services can also be offered to each resident or employee at least once annually, covering basic services such as a tune-up and inspection.

5.0 ON-SITE AND NEARBY AMENITIES

M10 – Delivery Amenities

The project plans to have a courtyard with space for outdoor gatherings and a tot lot that the residents can use. Amenities include laundry facilities, a mailroom, and parcel locker cabinets in the community room. The project consists of a large community room with a kitchen to support various resident activities.

M10 - Delivery Amenities
Offer delivery amenities, including dedicated receipt and storage areas, to reduce need for multiple trips to conduct similar business.

Offer delivery supportive amenities, such as an area for receipt of deliveries, such as clothes lockers for laundry or dry cleaning, storage for package deliveries or temporary refrigeration for grocery deliveries. Delivery supportive amenities can help reduce the need for individual vehicle ownership and individual vehicle trips, buy consolidating trips to and one central location into one trip with multiple stops.

Nearby Amenities and Mobile Delivery Services

This project has several amenities nearby. Below is a list of nearby food and personal services within walking and bicycling proximity of the project.

Community	Phone #	Distance Away
• **Belle Haven Community Garden** Menlo Park, CA		0.50 mi.
• **Boys & Girls Club of the Peninsula** 401 Pierce Road, Menlo Park, CA	650-646-6140	0.50 mi.
• **Bell Haven Library** 413 Ivy Drive, Menlo Park, CA	650-330-2540	0.90 mi.
Daycare	**Phone #**	**Distance Away**
• **Belle Haven Home Daycare** 310 Market Place, Menlo Park, CA	650-468-7359	0.60 mi.
• **Little Ages Daycare** 1407 Hill Avenue, Menlo Park, CA	650-207-6497	0.70 mi.
• **Belle Haven Child Development** 410 Ivy Drive, Menlo Park, CA	650-330-2270	0.80 mi.

6.0 TDM SITE PLAN

Below is the TDM site plan showing the trip reduction design elements for the project, including short and long-term bicycle parking, bicycle fix-it repair station, and pedestrian elements.

320 Sheridan Dr. – TDM Site Plan

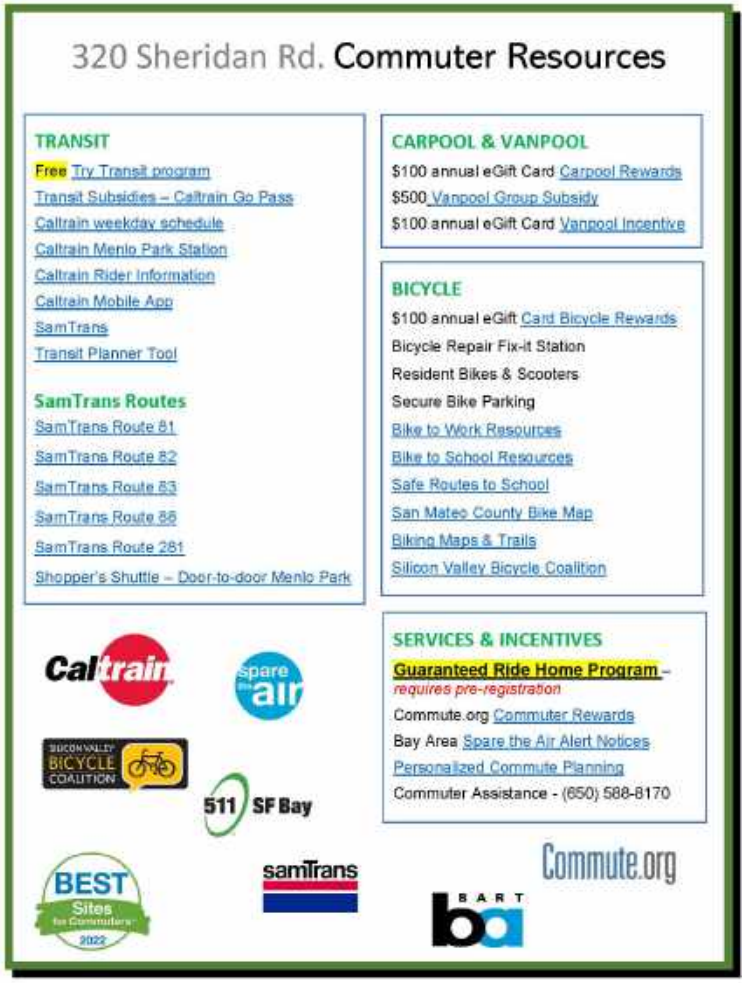
SECTION III – PROGRAMMATIC TDM MEASURES

M2 – Orientation, Education, Promotional Programs and Materials

The property manager/TDM Coordinator will offer new residents an orientation or educational program and materials.

The TDM Coordinator will develop and implement a marketing campaign to provide project residents. The campaign will include information on travel options and encourage using transit, shared rides, walking, and biking. Residents will receive welcome packets with information about nearby amenities (e.g., bus stops, parks, schools, stores, etc.), travel options (e.g., transit service, biking, and walking routes, etc.), and available transportation benefits and incentives (e.g., bike share program, free guaranteed ride home program, and $100 monthly vanpool group subsidy programs, etc.).

Resident outreach and promotional materials will include the commuter flier from the project. This flier will contain (but is not limited to) information about transit opportunities, bicycle routes, and resources. The flier will promote commuter assistance, incentives, and rewards with links to helpful resources. At right is a sample flier.



Resident communications may include emails and newsletters, postcards, and fliers. Below are sample images of sample mass communication.

E-Bike Safety Tips

Need a quick run-through on e-bike safety? Check out this e-bike safety and etiquette video. You'll learn all of the basic tips and more.

FREE Transit Youth Rides

It's Back-to-School time and what better way to avoid the long drop-off line at school than FREE transit? Yes, children between ages 0-18 can ride Yolobus and Sacramento RT bus, light rail, and SmaRT Ride for **FREE**.

If you live in the Yolobus BeeLine Service Area, rides are only $1.50 for youth.

For trip planning assistance, public transit information, or any commuter need, please reach out.

Regards,

Claudine Schneider
Commuter Concierge
(916) 517-4322
Se habla español

A transportation information kiosk will be in the leasing office, along with a resident common area, lounge, or lobby. It will contain transportation information for commuter programs, including bus and shuttle schedules, bicycle maps, and ride-matching materials. In addition, a desk or countertop kiosk will offer residents transportation materials without needing online access.

M2 – Orientation, Education, Promotional Programs and Materials
Offer new residents an orientation or educational resources.

Offer new employees or residents an orientation or education program or materials. This should explain the importance of trip reduction methods and provide information on alternative transport mode options available at the site, including transit schedules, maps, and trip planning. These orientation or education programs and materials can also highlight transportation-focused benefits or amenities available to employees or residents, such as pre-tax benefits, car share, bike share, or shuttle services.

M3 – Designated TDM Coordinator/Contact

The property management team will identify a TDM Contact person responsible for implementing alternative commute programs and the elements outlined in this plan.

The TDM Coordinator will assist residents in choosing sustainable travel options and commuter resource information. Information about shuttle and bus routes, transit connections, shuttle and transit schedules, bike maps, and all other options available to the residents should be presented in one place and regularly shared with the residents. The city shall receive the current name and phone number of the designated TDM contact who coordinates promotional programs, updates information on the information boards/kiosks, and is the official contact for the administration of the annual survey.

Outreach may include emails, newsletters, and articles in resident communications. Tasks may include:

- Promote trip reduction and air quality strategies for residents.
- Be the main point of contact for residents wanting to commute using an alternative transportation mode.
- Work with local organizations such as Commute.org, Caltrain, SamTrans, BART, Commute.org, 511 Rideshare, Silicon Valley Bicycle Coalition, and the Bay Area Air Quality Management District (BAAQMD).
- Participate in the BAAQMD Spare the Air program and notify residents when Spare the Air Days are imminent.
- Promote a guaranteed emergency ride home (GRH) program, car and vanpool ride-matching, carpool matching, and bicycle resources.

The project's TDM Coordinator will work closely with Commute.org's programs team to work with and encourage their tenants to make smart transportation choices: carpooling, vanpooling, taking a bus, train, shuttle, or ferry, biking, and walking. Commute.org and the project's TDM Coordinator will also facilitate resident carpool matching.

M3 - TDM Coordinator/Contact Person

Provide TDM coordinator/liaison for tenants, which may be contracted through 3rd party provider, such as Commute.org.

Provide a TDM coordinator or contact person. This individual may either be an employee of the development project or may be contracted through a third-party provider. The TDM coordinator should oversee and manage the project's TDM Plan implementation. In this way, a single representative of the property owner is aware of and responsible for the orderly and

timely implementation of all aspects of the TDM Plan and can adequately manage the components of the TDM Plan.

7.0 COMMUTER RESOURCES

M4 – Transportation Management Association (TMA) Participation

The project shall participate in a TMA. TMAs are private and non-profit organizations, typically run by a voluntary Board of Directors and a small staff. Commute.org (formerly the Peninsula Traffic Congestion Relief Alliance) operates as a TMA organization in Menlo Park. Commute.org provides:

- Shuttle programs
- carpool and vanpool matching
- Parking management programs
- Trial transit passes
- Emergency ride-home programs
- Enhanced bicycle facilities
- Car and vanpool incentives
- Transit advocacy
- information on local issues
- Teleworking
- Training
- Marketing programs
- Promotional assistance
- Newsletter

M4 - Actively Participate in Commute.org or Transportation Management Association (TMA) Equivalent

Obtain Certification of registration from Commute.org or equivalent TMA incorporation documents.

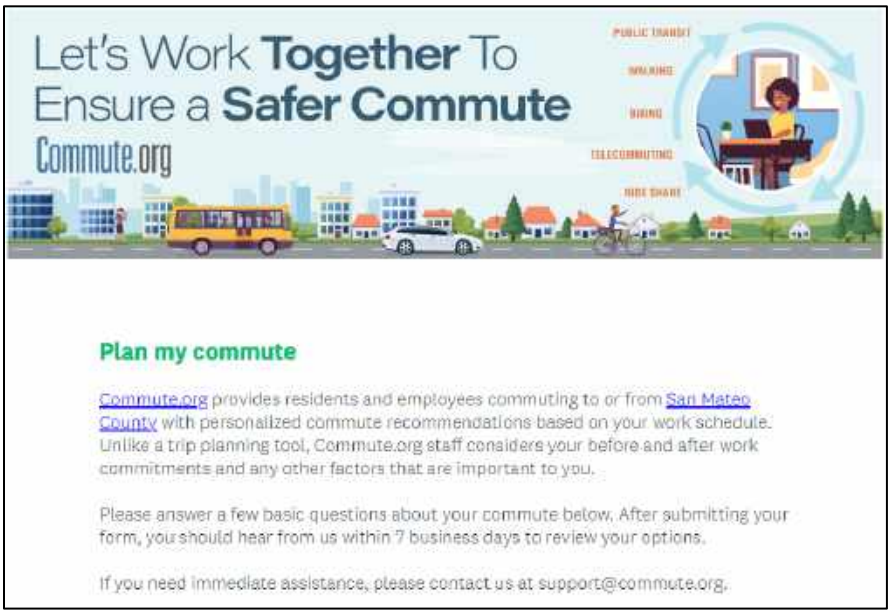
Sites shall register with Commute.org or else join or create a Transportation Management Association (TMA) with equivalent TDM service, whose role is to coordinate transportation-related programs and services in specific geographic areas.
Notably, for Large Non-Residential (Office, Industrial, Institutional, as well as Medical & Lodging) projects categorized as Transit Proximate there are five components an applicant must fulfill to implement this measure satisfactorily:

1. Obtain Certification of participation with Commute.org, or equivalent program.
2. Provide commute assistance or ride-matching program.
3. Provide (or fund) a dedicated shuttle program/consortium or equivalent transit service.
4. Provide Guaranteed Ride Home (Read more about Guaranteed Ride Home)
5. Supply orientation, education, and promotional programs and/or materials for tenants

For all other project size and land use classifications, the third component above is not a requirement as part of this measure.

Commute Information – Personalized Planning

Commute.org can help plan for residents by offering tailored recommendations based on their work schedule, commitments before and after work, and other essential factors. Residents can fill out the questionnaire (at this link) to describe their commute, and Commute.org will respond with a plan for an easy commute. Below is an image of the Commute.org Plan My Commute web page.

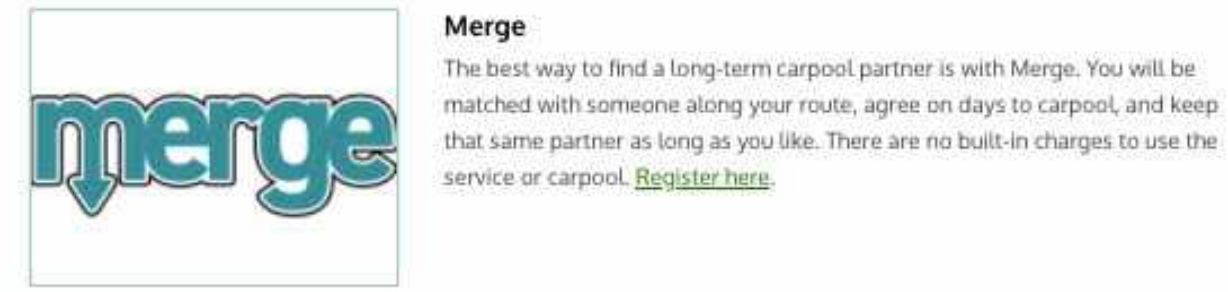


Try Transit Passes

The project will promote Commute.org's Try Transit Passes for residents considering switching to transit use. Drive-alone commuters can apply for free tickets on a practical transit mode for their commute. Helping incentivize commuters to start a different commute mode is critical to shifting behavior from driving alone. Commuters can learn more about the Try Transit program at https://commute.org/rewards/#try-transit.

M5 – Carpool/Vanpool Ride-matching Program

Several carpool resources exist in the Bay Area to help commuters reach their destination using an alternative commute mode. Such resources include carpool ride-matching services like 511 Merge. Organizations like 511 and Commute.org offer incentives, bonuses, and gift cards for trip logging. The project will promote ridesharing resources and help encourage and incentivize commuters to carpool.



M5 - Carpool or Vanpool Program

Establish carpool/vanpool program for tenants and register program with Commute.org.

Carpool and vanpooling are types of ridesharing that seek to allow vehicles to carry additional passengers when making a trip, with minimal additional mileage. Carpooling generally uses participants' own automobiles. Vanpooling generally uses leased vans (often supplied by employers, non-profit organizations, or government agencies). Carpool and vanpool programs

may receive financial incentives from property managers or employers, as well as ride-matching services to help facilitate these shared trips.

M6 – Transit Subsidies

The applicant will coordinate with Commute.org to provide qualified residents with the free transit Go Pass Program. Commute.org was selected to continue partnering with Caltrain on its Go Pass Donation Program for 2024. Caltrain helps make this program successful by assisting in program improvements, marketing collateral, and customer service for the participants.

Commute.org will distribute its allocation of passes directly and in partnership with community-based organizations that serve essential workers and residents meeting the program requirements. Residents can apply for a free Caltrain Go Pass in English or Spanish at the following link: https://commute.org/resources/assistance-programs/. The transportation coordinator person will facilitate residents applying for and receiving free or discounted transit passes.

Go Pass recipients must use the pass for their work commute or while looking for work. More details are provided on the application form. Supplied as an attachment is the flier.

The applicant seeks to use the free Caltrain Go Pass program for eligible residents rather than offer monthly public transit or ridesharing costs incurred, equivalent to 30% of value or $50, whichever is lower.

M6 - Transit or Ridesharing Passes/Subsidies
Offer tenants passes or subsidies for monthly public transit or ridesharing costs incurred, equivalent to 30% of value or $50 whichever is lower.

Offer public transit passes or subsidies; or carpool/vanpool subsidies to tenants' equivalent to 30% of the value of their monthly fare or $50 monthly, to incentivize transit use and ridesharing and comply with regional environmental sustainability goals.

NOTE: Funding contributions towards and/or participation in Commute.org shuttle program does not count for this measure. Passes/subsides provided must be valid for public transportation options, including but not limited to BART, Caltrain, SamTrans, and ridesharing platforms and vanpool subscription (or costs).

A traditional transit subsidy substitution request is within the city's authority to approve (while using the free Caltrain Go Pass program as a substitution), as referenced in the letter below from the Transportation Program Specialist with the City/County Association of Governments (C/CAG). While the applicant could request that the city approve the use of an alternative to M6, it will seek this substitution as a concession under the State Density Bonus Law instead.

From: Susy Kalkin <kkalkin@smcgov.org>
Sent: Monday, September 9, 2024
To: Elizabeth.Hughes@tdmspecialists.com>; Sean Charpentier <scharpentier@smcgov.org>
Subject: RE: CCAG Application TDM Checklist - exclusions or waivers

Hi Elizabeth,

In response to your questions, if the project is estimated to generate less than 499 ADT it should use the Residential Small Project checklist – the project sizes indicated are only approximations.

On whether 100% affordable housing projects can be exempted from Measure M6 (transit passes/subsidies), there is no specific exclusion. However, the TDM program allows (in unique circumstances) that a municipality may allow the substitution of a particular required TDM measure that is deemed infeasible for that particular project (i.e., cost-prohibitive or otherwise) with other measures that are likely to produce comparable trip reduction impacts. In such cases, clear documentation should be included regarding the rationale for the change. So ultimately, it is left to the local jurisdiction to agree to/document the substitution.

Let me know if you have any additional questions,

Susy

Clipper START Discounted Pass

The Metropolitan Transportation Commission (MTC) initiated a new means-based fare discount program for eligible low-income adults. Depending on the transit agency, Clipper START discounts range between 20 and 50 percent. More information is available at www.clipperstartcard.com/s/.

Clipper Card Discounts for Youth, Seniors, and Riders with Disabilities

Youth (age 5-18), seniors (age 65 and over), and riders with disabilities can receive reduced fares and access to discounted passes. Clipper card using an acceptable form of Identification. For more information on how to apply, visit the webpage: www.clippercard.com/ClipperWeb/discounts.html.

Clipper Card Grants Up to $7,500

The Bay Area Air Quality Management District offers income-qualified Bay Area residents a grant to retire their older car and replace it with an electric bicycle or Clipper Card for public transit containing $7,500. The vehicle must be 15 years old or older, and income limitations determine the grant amount.

More information is available on the Air District's Clean Cars for All webpage. The Projects will promote this program to residents.

Low-Income Community Transportation Benefits Program

The Community Transportation Benefits Program helps cover transportation costs for qualifying individuals in San Mateo County. Participants can choose from one of two options that meet their needs:

1. Clipper Card with a value of $100 (annual benefit) or
2. FasTrak® toll tag/transponder with the value of $100 (one-time benefit)

For more information on how to apply, visit the webpage: https://smcexpresslanes.org/program/equity-program/

Guaranteed Ride Home Program

The My.Commute.org STAR program offers residents access to the free guaranteed ride home (GRH) program. Residents who enroll in the program (who do not drive alone to work) and work in San Mateo County will receive a reimbursement for an Uber or Lyft ride home. The GRH trip reimbursement provides up to $60 per ride (for four trips per eligible commuter per year).

The GRH program is incorporated into the Commute.org STAR Platform and requires users to be registered in advance to participate in the program.

WHO IS ELIGIBLE FOR A GRH REIMBURSEMENT?

- Must be 18 years or older
- Must work or go to a participating college in San Mateo County
- Used an alternative to driving alone to get to work or college on day GRH is needed
- Must have a STAR account and log trip to work or college on my.commute.org

WHAT TYPES OF EMERGENCIES ARE ELIGIBLE FOR A QUALIFIED GRH TRIP?

- Personal or family illness or emergency
- Home emergency
- Eldercare or daycare emergency
- Bicycle theft or breakdown
- Unforeseen change of work schedule
- Inclement weather (for walkers/bicyclists)
- Carpool partner emergency resulted in loss of ride home

WHAT TYPES OF TRIPS OR REASONS ARE NOT COVERED?

- Transit delays
- Natural disasters
- Personal errands or appointments
- Ride to work
- Using a ride-hailing app (e.g. Uber or Lyft) to work or college is not a qualifying alternative commute mode
- Carpool app provider cannot find a match to get the commuter home
- Non-emergency side trips
- Business related travel
- Transportation to a doctor or hospital resulting from an on-the-job injury (GRH cannot be used to replace an employer's legal responsibility under workers' compensation regulations.)

HOW WILL I GET HOME?

GRH program participants decide how to get home (e.g. taxi, ride-hailing app, transit, or combination).

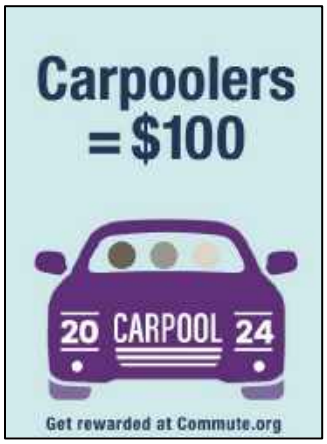
HOW DO I REQUEST A REIMBURSEMENT?

STAR users can redeem a GRH reimbursement request via the incentives area in their STAR account. Participants must complete questionnaire provided in reimbursement request and provide GRH trip receipt(s) to receive reimbursement.

Reimbursement requests must be submitted within 30 days of GRH trip.

Visit Commute.org and click on the Guaranteed Ride Home button for program rules and limitations.

Carpool Incentive Programs



- Residents living in or commuting through San Mateo County can participate in the Commute.org $100 carpool incentive program. Residents with ten days of carpooling activities and log or track their carpool trips in the STAR program may receive a $25 e-gift card, up to $100.

- Carpool lanes, also known as high-occupancy vehicle (HOV) lanes, can reduce commute times. During commute hours, carpool lanes require commuters to be in a carpool, vanpool, public transit vehicle, or riding a motorcycle. Carpool lanes vary in hours of operation and the minimum number of people per car. A list of HOV hours of operation and restrictions is available at https://511.org/carpool-vanpool/carpool/lanes.

- Park and Ride Lots provides 150 free park-and-ride lots conveniently located throughout the Bay Area, where carpool partners or vanpools can meet in a central location. Many lots also feature easy access to transit connections and bike lockers.

Bicycle Incentive Program

Commuters who log their bicycle trips on the Commute.org website will be eligible to receive up to $100 in e-gift cards annually. For every ten bicycle commutes, residents earn a $25 e-gift card.

California E-Bike Purchase Incentive Program

The California Air Resources Board announced an Electric Bicycle Incentive Program (EBIP). The EBIP will provide incentives for eligible e-bikes to income-qualified consumers at the time of purchase on a first-come, first-serve basis. Furthermore, EBIP will pilot an approach to:

1) Help people replace car trips with e-bike trips,
2) increase access to electric bicycles,
3) reduce greenhouse gas emissions and improve air quality.

More information is available at https://www.calbike.org/next-steps-for-californias-e-bike-voucher-program/.

SECTION IV – TDM MONITORING AND REPORTING

A comprehensive program of TDM measures and incentives can reduce parking demand, traffic, and air pollution, creating a more sustainable residential environment while freeing up valuable land for higher and better uses.

Adequate parking, traffic congestion, and air pollution are critical concerns in maintaining a healthy city economy. Traffic congestion results in time loss to residents and commuters and increased demand for City fiscal resources for roadway construction and maintenance.

According to the U.S. Environmental Protection Agency, "mobile sources account for more than half of air pollution in the United States. The primary mobile source of air pollution is the automobile." "…today's motor vehicles are still responsible for up to half of all the emissions released into the air. "In the Bay Area, the transportation sector accounts for more than 50 percent of air pollution and more than 40 percent of greenhouse gas emissions." [6]

8.0 MONITORING AND REPORTING

The TDM Plan expects to reduce SOV trips and lessen parking demand, traffic congestion, and mobile source-related air pollution.

This TDM Plan shows how the project will comply with the minimum TDM measures. Regular monitoring will ensure that the implemented TDM measures the requirements. The project applicant and TDM Coordinator will ensure the implementation of the TDM Plan and prepare an annual monitoring report for the City of Menlo Park.

Trip Generation

Submittal requirements for the TDM Plan include presenting an estimated daily trip generation based on the ITE trip generation rates for the proposed use. The project is a multi-family mid-rise housing project with land use code 223, Affordable Housing. Morning AM trips are 44, and PM trips are 40. A 35 percent reduction in AM peak hour trips totals 29 and PM trips of 26. Below are the estimated trips for an 88-unit site.

[6] Bay Area Air Quality Management District, Aaron Richardson, Public Information Officer

Land Use	ITE Code	Size	Unit	AM Peak Hour Pk-Hr Rate	AM Peak Hour Trips In	AM Peak Hour Trips Out	AM Peak Hour Trips Total	PM Peak Hour Pk-Hr Rate	PM Peak Hour Trips In	PM Peak Hour Trips Out	PM Peak Hour Trips Total
Multifamily Housing-Mid-Rise (affordable housing)	223	88	DU	0.5	13	31	44	0.47	24	16	40
City Trip Reduction Requirement			-35%		-4	-11	-15		-8	-6	-14
Net new trips less 35%					**8**	**20**	**29**		**15**	**11**	**26**

Notes:

All rates are from: Institute of Transportation Engineers, *Trip Generation, 11th Edition* (average rates, expressed in trips per dwelling unit (DU)

Calculations not verified by a traffic engineer.

C/GAG Trip Reduction Checklist

San Mateo County develops bi-yearly Congestion Management Programs (CMP). These CMPs include a Land Use Guide that helps developments enact measures to mitigate vehicle trips associated with their projects. The points related to each trip reduction measure represent the relative impact of the individual mitigation.

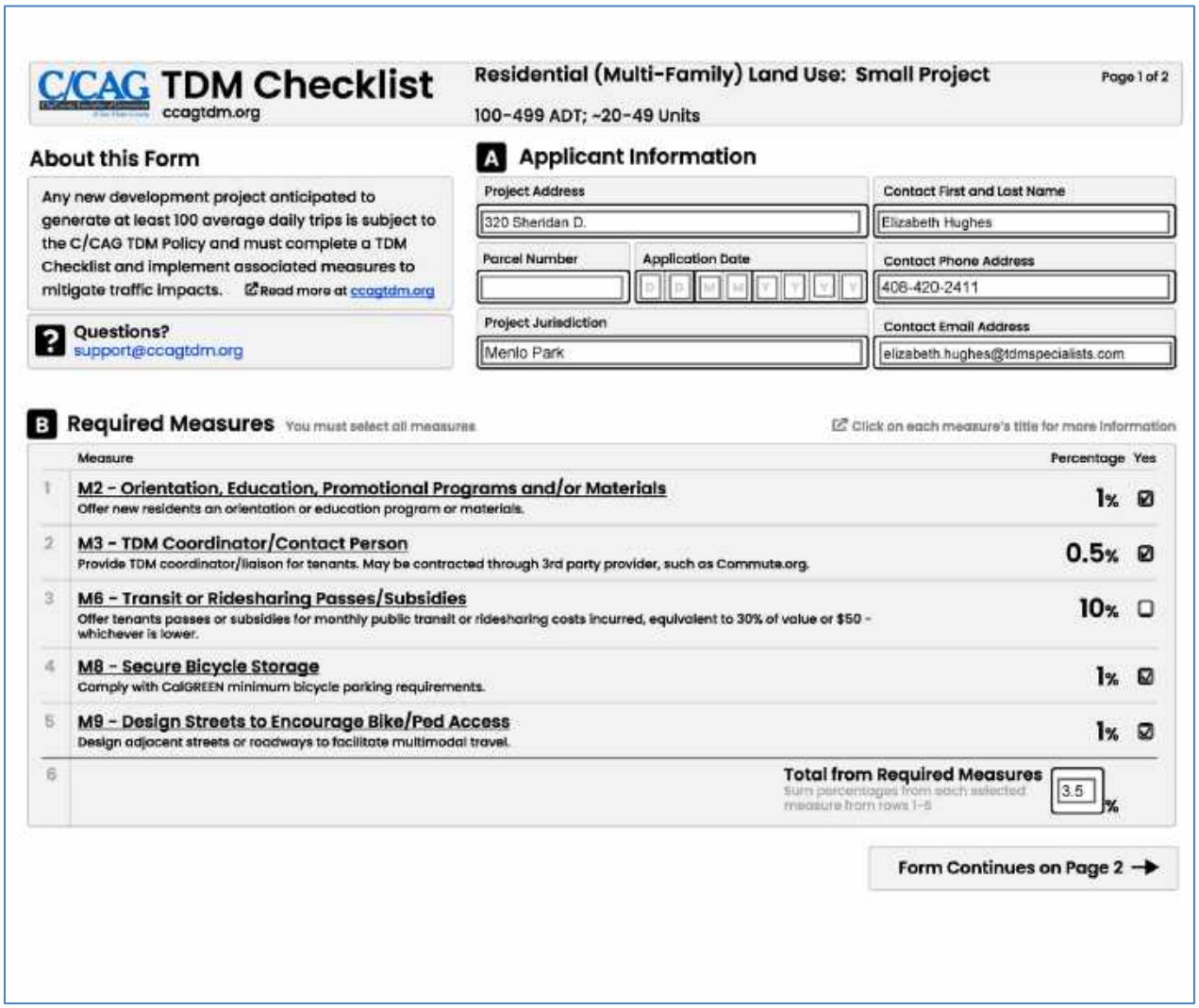
Pages 32 and 33 summarized C/CAG-applicable measures implemented by this project. They show how the project meets a 28 percent trip reduction, exceeding C/CAG's 25 percent trip reduction requirement.

Commute.org Certified Developer Program

The applicant, or future property managers, will participate in the Commute.org Certified Development Program and its annual requirements. The Certified Development Program provides developers (with projects in San Mateo County) with a formal certification of their active participation in Commute.org programs and services.

The developer must apply for and receive Pre-Certification during the pre-construction phase and then comply with the remaining steps to achieve full Certification upon completion of the development.

Annually, project surveys are submitted to Commute.org to maintain Certification. This certification program was created as part of the Countywide Monitoring TDM Program, and the Certified Developer Program flier is attached.



C/CAG TDM Checklist
ccagtdm.org

Residential (Multi-Family) Land Use: Small Project
100-499 ADT; ~20-49 Units

Page 1 of 2

About this Form

Any new development project anticipated to generate at least 100 average daily trips is subject to the C/CAG TDM Policy and must complete a TDM Checklist and implement associated measures to mitigate traffic impacts. Read more at ccagtdm.org

Questions?
support@ccagtdm.org

A Applicant Information

Project Address: 320 Sheridan D.	Contact First and Last Name: Elizabeth Hughes
Parcel Number:	Application Date: D D M M Y Y Y Y
	Contact Phone Address: 408-420-2411
Project Jurisdiction: Menlo Park	Contact Email Address: elizabeth.hughes@tdmspecialists.com

B Required Measures You must select all measures

Click on each measure's title for more information

	Measure	Percentage	Yes
1	**M2 - Orientation, Education, Promotional Programs and/or Materials** Offer new residents an orientation or education program or materials.	1%	☑
2	**M3 - TDM Coordinator/Contact Person** Provide TDM coordinator/liaison for tenants. May be contracted through 3rd party provider, such as Commute.org.	0.5%	☑
3	**M6 - Transit or Ridesharing Passes/Subsidies** Offer tenants passes or subsidies for monthly public transit or ridesharing costs incurred, equivalent to 30% of value or $50 - whichever is lower.	10%	☐
4	**M8 - Secure Bicycle Storage** Comply with CalGREEN minimum bicycle parking requirements.	1%	☑
5	**M9 - Design Streets to Encourage Bike/Ped Access** Design adjacent streets or roadways to facilitate multimodal travel.	1%	☑
6	**Total from Required Measures** Sum percentages from each selected measure from rows 1-5	3.5%	

Form Continues on Page 2 →

C/CAG TDM Checklist

ccagtdm.org

Residential (Multi-Family) Land Use: Small Project
100-499 ADT; ~20-49 Units

C Additional Recommended

Select enough to meet the 25% trip reduction target

Click on each measure's title for more information

	Measure	Percentage	Yes
7	**M4 - Actively Participate in Commute.org or TMA Equivalent: Certified participation in Commute.org/or TMA** Obtain certification from Commute.org or establish or join a Transportation Management Association (TMA) or equivalent.	4%	☑
8	**M5 - Carpool or Vanpool Program** Establish carpool/vanpool program for tenants and register program with Commute.org.	2%	☑
9	**M10 - Delivery Amenities** Offer delivery amenities, including dedicated receipt and storage areas, to reduce need for multiple trips to conduct similar business.	1%	☑
10	**M11 - Family-supportive Amenities** On-site secure storage of personal car seats, strollers, cargo bicycles, or other large bicycles. Property owners can also provide shared building equipment, such as shopping carts or cargo bicycles for check out by residents.	3%	☐
11	**M14 - Paid Parking at Market Rate** Offer hourly/daily parking rates proportional to monthly rate or equivalent to cost of transit fare.	25%	☐
12	**M15 - Reduced Parking** Provide off-street parking at least 10% below locally-required minimums, or else below the locally-permitted parking maximums. Consideration may be required of potential spillover parking into surrounding areas.	10%	☑
13	**M17 - Developer TDM Fee/TDM Fund** Voluntary impact fee payment on a per unit or square footage basis, to fund the implementation of TDM programs.	4%	☐
14	**M18 - Car Share On-Site** Provide on-site car share or vehicle fleets.	1%	☐
15	**M19 - Land Dedication or Capital Improvements for Transit** Contribute space on, or adjacent to, the project site for transit improvements. Select one or more Bus Pullout Space 1% ☐ Bus Shelter 1% ☐ Visual/Electrical Improvements (i.e., Lighting, Signage) 1% ☐ Other (i.e., Micromobility Parking Zone, TNC Loading Zone) 1% ☐ → [ ]% Total percentages selected		☐
16	**M21 - Bike/Scooter Share On-Site** Allocate space for bike/scooter share parking.	1%	☐
17	**M22 - Active Transportation Subsidies** Offer biking/walking incentives to tenants, such as gift card/product raffles.	2%	☐
18	**M23 - Gap Closure** Construct or enhance quality of biking and walking facilities to/from site to existing trails, bikeways, and/or adjacent streets.	7%	☑
19	**M24 - Bike Repair Station** Offer on-site bike repair space/tools in visible, secure area.	0.5%	☑
20	**M26 - Pedestrian Oriented Uses & Amenities on Ground Floor** Provide on-site, visible amenities to tenants and guests, such as cafes, gyms, childcare, retail.	3%	☐
21	**Total from Additional Measures** Sum percentages from each selected measure from rows 7 - 20	24%	

D Project Totals

Percentage from Required Measures (Section B Row 6): 3.5%

\+ Percentage from Additional Measures (Section C Row 21): 24%

Total Percentage from all Selected Measures (Sum of required and additional measures): 28%

Trip Reduction Target: 25%

Total Percentage from all selected measures must be greater than or equal to Trip Reduction Target

E Submit Checklist

See ccagtdm.org/submission for how to submit this form.

Questions?

Email Us
support@ccagtdm.org

Visit Our Website
ccagtdm.org

Annual Driveway Hose Count Study

The property manager will annually conduct a driveway trip count study. The trip count study will document achieving the net new peak-hour vehicle trips below the 20 percent requirement. The driveway hoses will be placed for one week to track all peak-hour trips, and the five-day peak-hour average will be calculated.

The peak period includes 6:00 a.m. to 10:00 a.m. and 3:00 p.m. to 7:00 p.m. Peak hour is when the heaviest daily traffic volume occurs and generally occurs during morning and afternoon commute times. Traffic counts will be obtained during AM and PM peak periods, and the volume from the heaviest hour of AM or PM traffic will be used to define peak hours for those periods. The highest net trips from AM or PM peak hours will be used.

Net trips will be calculated by subtracting trips for existing uses from those generated by the new project. The driveway trip count study, prepared by an independent consultant and paid for by the project, will work with the property manager, the designated applicant contacts, or the TDM coordinator.

The raw driveway trip data will be provided to the city annually upon completion as part of the annual monitoring report.

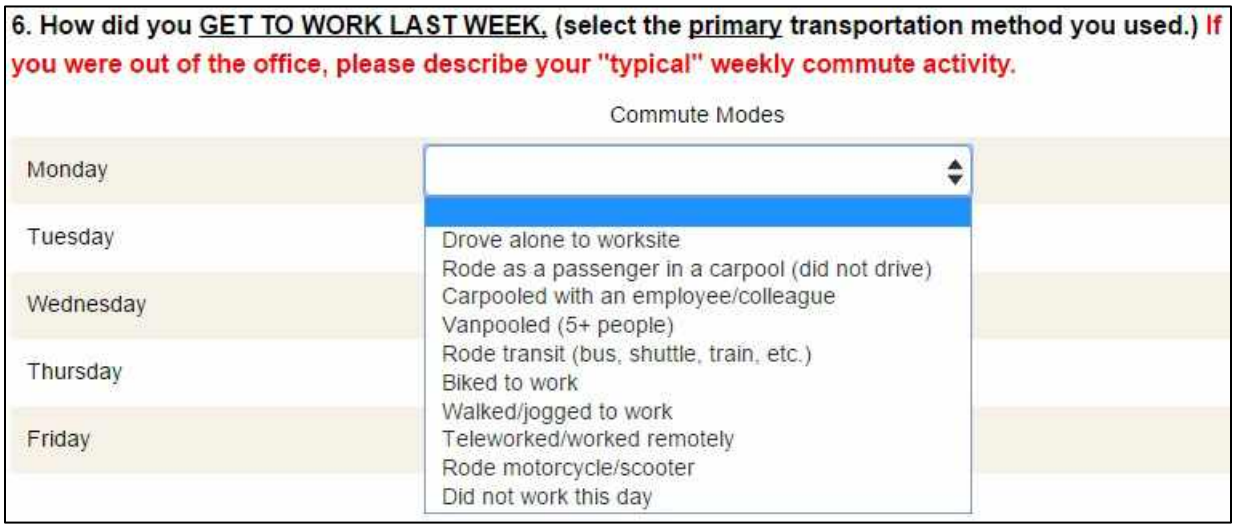
Annual Resident Online Commute Survey

Because the TDM Plan is performance-based, the project will arrange for an independent consultant (or outsourced TDM coordinator) to evaluate an annual commute program (a five-day, weekday commute survey).

The survey will determine resident transportation mode choice, allowing the TDM coordinator, property owner, and the city to assess the effectiveness of the unique program designed for this project. Survey data can focus on marketing and outreach efforts to residents based on their specific commuter interests and satisfaction with property management. The city may provide a template survey to the applicant, property owner, property manager, or employer to use in creating the survey, the results of which are reported in the annual monitoring report.

The applicant, property owner, or property manager shall collect survey responses from at least 51 percent of residents to generate a statistically valid survey.

The commute survey will be critical to monitoring to evaluate and ensure that solo vehicle trips are reduced. By default, residents who do not participate in the commute survey will count as drive-alone or SOV commuters. Therefore, the results will be appropriately conservative. A sample commute survey question is shown below. This annual commuter survey will include non-transportation questions (e.g., awareness of programs, satisfaction with commuter marketing and information, etc.).



Annual Monitoring Report

A TDM annual report is due to the City Director on or before January 31, reporting on the previous year. The first annual report shall be due after the site has been 50 percent occupied for a full calendar year. For example, if a site is 50 percent occupied in September 2025, the first annual report is due on January 31, 2026.

The annual monitoring report will include the raw driveway count, summarized trip count, and resident online survey data. Shown at the left is a sample survey mode-use rate.

Commuter Modes	Percent
Carpool (rider/driver)	11.50%
Teleworked	8.00%
Public transit/private shuttle	8.00%
Did not work this day	5.00%
Biked/Scooter	2.00%
Walk/Jog/skateboard	0.50%
Vanpool	0.00%
Total Alternative Transportation Mode-use Rate	**35.00%**

No Expiration of TDM Plan or Programs

All measures in this TDM Plan will continue to be implemented by the applicant on an ongoing basis. There is no expiration date for this plan as it runs in perpetuity. The City of Menlo Park may conduct periodic on-site auditing to ensure the implementation of the plan's TDM measures.

TDM Plan Modifications

The City Director may approve minor modifications to an approved transportation demand management plan that are consistent with the original findings and conditions approved by the review authority and would result in the same target minimum alternative mode use.

Enforcement of TDM Plan or Programs

According to the zoning Zoning code 11.64.090 – Administration, all projects are expected to comply with the implementation of their TDM program and meet stated trip reduction goals.

Section 11.64.090 reads, "The city of Menlo Park shall certify annually to the congestion management agency that the ordinance codified in this chapter remains in effect. (Ord. 867 § 1 (part), 1995)."

9.0 FINDINGS AND CONCLUSION

The proposed trip reduction measures are feasible and appropriate for the project, considering the use and the project's location, size, and hours of operation.

The proactive 320 Sheridan Apartments TDM Plan identifies specific elements, measures, and actions that guide the project to promote existing resources and programs, enhance future benefits, and create a resident-focused program. Outreach, ongoing marketing, promotions, a free guaranteed emergency ride home program, transit resources, and transportation commuter services will support an effective and successful program at the project.

This TDM Plan describes mitigation measures integrated to support resident commuting and innovative efforts identified for implementation. It outlines the steps necessary (infrastructure, programming) for the project when marketing to residents, and periodic program assessments will provide the information needed to demonstrate the effectiveness.

The TDM Plan details this commitment by emphasizing TDM infrastructure, amenities, and outreach activities to reduce average daily trips. Ridesharing strategies maximize existing transportation resources, support the city's goals and objectives, and ultimately expand the transit system's reach for commuters.

The City of Menlo Park promotes environmental stewardship in maintaining a safe, healthy, and sustainable city, and it recognizes maintaining a stable climate system for current and future residents. The 320 Sheridan Apartments project will help Menlo Park thrive by balancing these needs with economic growth.

ATTACHMENTS

Nearby Amenities and Services
Resident Caltrain Go Pass Program Flier
Commute.org Certified Developer Program Flier

List of Nearby Amenities and Services

Community	Phone #	Distance Away
• **Belle Haven Community Garden** Menlo Park, CA		0.50 mi.
• **Boys & Girls Club of the Peninsula** 401 Pierce Road, Menlo Park, CA	650-646-6140	0.50 mi.
• **Bell Haven Library** 413 Ivy Drive, Menlo Park, CA	650-330-2540	0.90 mi.
Daycare	**Phone #**	**Distance Away**
• **Belle Haven Home Daycare** 310 Market Place, Menlo Park, CA	650-468-7359	0.60 mi.
• **Little Ages Daycare** 1407 Hill Avenue, Menlo Park, CA	650-207-6497	0.70 mi.
• **Belle Haven Child Development** 410 Ivy Drive, Menlo Park, CA	650-330-2270	0.80 mi.

Resident Caltrain Go Pass Program Flier

Free Caltrain Pass

FOR ELIGIBLE APPLICANTS

Caltrain Pass Forward provides free train trips on Caltrain between any zone at any time. Approved applicants will receive a special Clipper Card loaded with the Pass Forward. This card must be used to tag on and off at the Caltrain Stations for valid use. Go Passes are valid until 12/31/24 with limited supply.

Eligibility requirements

- Make less than $70,000/year
- Work or live in San Mateo County
- Use the pass to get to work or for job searching purposes
- Use the pass at least twice a week

Note: Students and retired workers are not eligible for this program.

The Pass Forward only applies to Caltrain, but you can add cash value to your special Clipper Card at Caltrain ticket vending machines or at the counter at Whole Foods and Walgreens.

Steps to Apply

1 CHECK ELIGIBLITY
Before applying, please review if you are eligible above to receive Go Pass.

2 APPLY HERE
Scan QR or go to https://forms.office.com/r/rWFT8UP7b0 to submit application form

3 CALTRAIN SURVEY REQUIRED
Use link provided in the application form or scan QR here to complete the Caltrain survey

4 CONFIRMATION
Receive email confirmations for both the application and survey when complete

5 STATUS
Receive approval or denial within 7 days. If approved, next steps will be provided

A208

Questions? Email gopass@commute.org or text our help number: (650) 538-7603

Commute.org

Gratis Caltrain Pass

PARA PARTICIPANTES ELEGIBLES

Caltrain Pass Forward ofrece viajes gratis de tren en Caltrain entre cualquier zona en cualquiere momento. Los solicitantes aprobados recibirán una tarjeta Clipper especial con el Go Pass. Los usuarios de Go Pass deben dar un ligero toque a los lectores de tarjetas Clipper en las plataformas de las estaciones de Caltrain cuando sube y bajan de cada viaje en Caltrain. Los Go Passes son válidos hasta el 12/31/24 con oferta limitada.

Para ser elegible, DEBE:

- Ganar menos de $70,000/año
- Trabajar o vivir en el condado de San Mateo
- Planee usar la tarjeta al menos dos veces por semana para ir a trabajar o para buscar empleo.

Nota: Los estudiantes y trabajadores jubilados no son elegibles para este programa.

El Go Pass solo se aplica a Caltrain, pero puede agregar valor en efectivo a su tarjeta Clipper especial en las máquinas expendedoras de boletos de Caltrain o en el mostrador de Whole Foods y Walgreens.

Pasos para Aplicar

1 COMPROBAR LA ELEGIBILIDAD
Antes de aplicar, por favor revise si eres eligible arriba para recibir Go Pass.

2 APLICAR AQUI
Escanear QR o ir a (insert link here) para enviar la aplicación

3 CALTRAIN ENCUESTA OBLIGATORIO
Utiliza la enlace brindado en la aplicacion o escanea el codigo QR aqui para completar la encuesta de Caltrain

4 CONFIRMATION
Reciba el correo de confirmacion cuando completan ambos aplicacion y encuesta

5 ESTADO
Reciba aprobación o denegación dentro de siete dias. Si aprobada, se proporcionarán los siguientes pasos

Preguntas? Escriba a gopass@commute.org o envíe un mensaje de texto a nuestro número de ayuda: (650) 538-7603.

Commute.org

Commute.org Developer Certification Program

Certified Development Program

The *Certified Development Program* is designed to provide developers with projects in San Mateo County with a formal certification of their active participation on Commute.org programs and services. Active participation is a requirement for developments that are subject to the C/CAG Countywide TDM Policy and may also be a TDM requirement imposed on developers by jurisdictions that are not subject to the C/CAG policy. The goal of the program is to provide developers access to a set of TDM programs and services that can be integrated into the other tools they will use to reduce VMT and trip counts to new developments in San Mateo County.

This document provides guidance on how to become certified and is outlined as follows:

- Program Overview
- Certification Process
- Requirements for Active Participation
- Certification Process Flow

For more information about the Certified Development Program, please visit www.commute.org/resources/developers or contact our TDM Policy team at TDMpolicy@commute.org.

Program Overview

A development project can earn certification in the Commute.org *Certified Development Program* by successfully completing the process described in this document. The developer must apply for and receive Pre-Certification during the pre-construction phase and then, upon completion of the development, comply with the remaining steps to achieve full Certification.

Any development project subject to the C/CAG Countywide TDM Policy may be required to receive and retain *Certified Development Program* status. Projects in jurisdictions that are exempt from the C/CAG policy, may or may not be required to have the certification. The VMT mitigation and TDM programming agreements between the developers and the exempt jurisdictions can, but are not required to, include the *Certified Development Program* requirement.

Commute.org's TDM Policy team will provide guidance and support to developers throughout the process. An online platform will be used to track compliance and record completed documentation.

Certification Process

Each development project that needs or wants to be certified must complete the following steps:

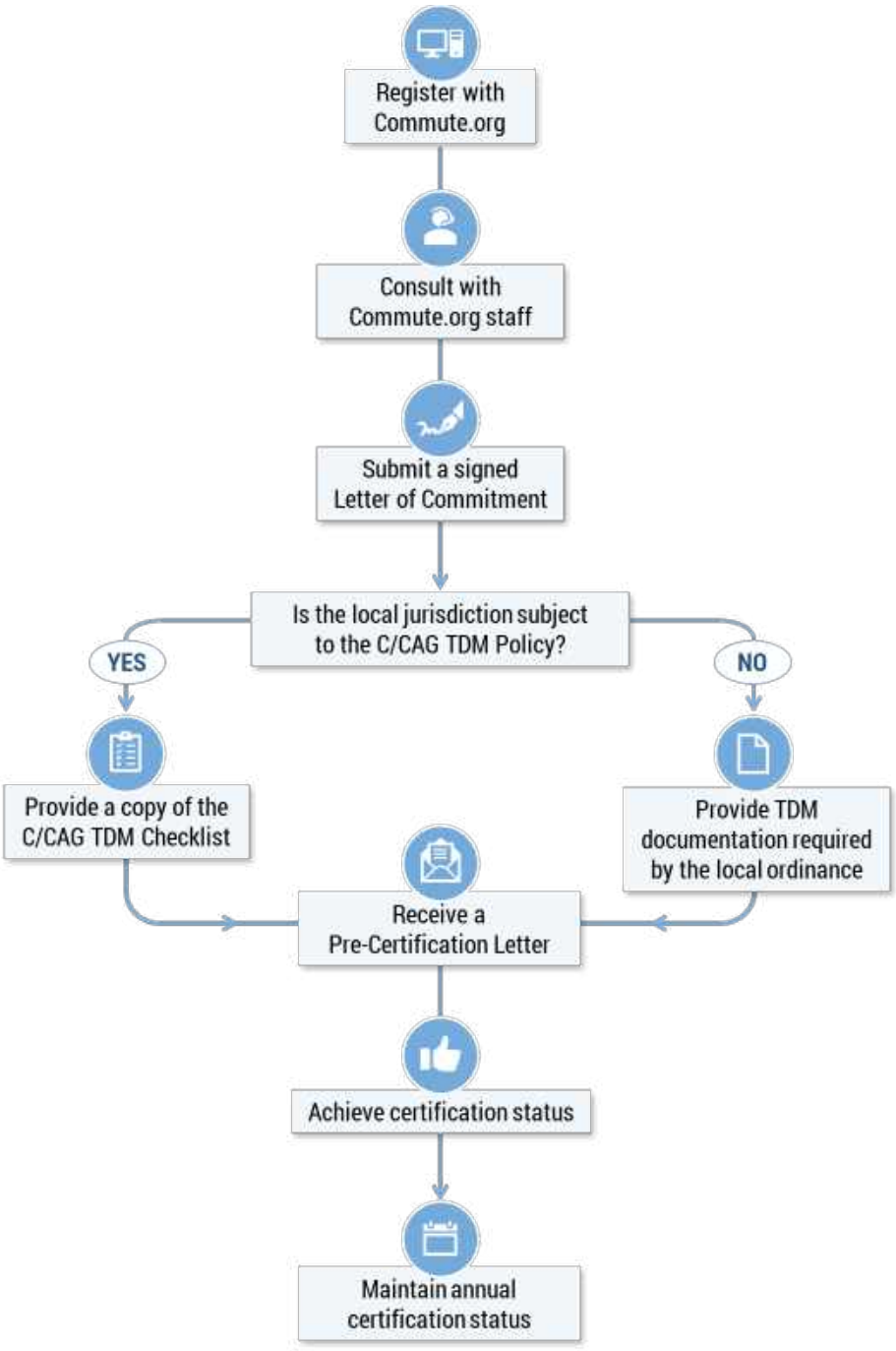
1. **Register with Commute.org** and provide the following information:
   - Project name
   - Project address
   - Project description including proposed land use(s), square footage/units, parking
   - Development timeline and expected occupancy date(s)
   - Developer contact(s)
   - TDM contact(s): person(s) responsible for the TDM component of the development plan (may be a third-party consultant)
   - Jurisdiction contact(s): local jurisdiction staff that the developer is working with
2. **Consult with Commute.org staff** to verify the certification process and requirements for active participation.
3. **Submit a signed Letter of Commitment** confirming that the developer and/or their successor(s) will be active participants with Commute.org.
4. **Provide a copy of the C/CAG TDM Policy Checklist** or equivalent documentation from local jurisdiction (if applicable).
5. **Receive a Pre-Certification Letter** from Commute.org that confirms registration and commitment to active participation. Commute.org will send a letter to the developer and appropriate jurisdiction contact. This letter must be submitted to C/CAG along with the TDM Checklist (if applicable).
6. **Achieve certification status** within six months of receiving Certificate of Occupancy. Requires completion of Commute.org program training and submittal of initial TDM Survey.
7. **Maintain annual certification status** with Commute.org by complying with the requirements for active participation.

Requirements for Active Participation

Development projects will be considered active participants with Commute.org if they comply with the requirements below. Commute.org will track active participation on an ongoing basis through our online monitoring platform and provide appropriate jurisdictions with annual updates regarding active participation. Participating jurisdictions will also have access to the platform for ongoing monitoring and reporting purposes.

1. **Provide a copy of the Final TDM Plan** approved by the local jurisdiction (if applicable)
2. **Provide a copy of the Final TDM Checklist** or similar TDM requirements list approved by C/CAG or the local jurisdiction (if applicable)
3. **During the development phase**:
   - Maintain an active point(s) of contact
   - Receive communications from Commute.org
   - Inform Commute.org of any significant development changes (e.g., land use, project size, TDM Plan, development timeline/occupancy date, ownership)
4. **During the post-development phase**:
   - Maintain an active point(s) of contact
   - Receive communications from Commute.org
   - Identify the party(ies) responsible for complying with the ongoing requirements (e.g., developer, property manager, third-party consultant, key tenant)
     - If the developer outsources property management or leases the property to a single tenant, then the developer shall require the property manager and/or key tenant to register with Commute.org
     - If the development undergoes a change of ownership, then the seller is responsible for ensuring that the acquirer is introduced to Commute.org and that the responsibilities for achieving or retaining certification transfer to the new owner
   - Responsible party is required to:
     - Attend annual Commute.org program training
     - Actively promote applicable Commute.org programs and services to tenants
     - Host an annual transportation-oriented event for tenants
     - Sponsor and/or participate in Commute.org's challenges and special events
     - Participate in a Commute.org sponsored shuttle if the project is located on or near an existing shuttle route
     - Comply with the requirements of the Bay Area Commuter Benefits Program (only applies to tenants with 50+ employees)
     - Complete the following surveys on an ongoing basis:
       - TDM Survey: annual update of Commute.org TDM Survey confirming programs and services offered at the development
       - TDM Self-Certification: biennial confirmation of compliance with the C/CAG TDM Policy (if applicable)
       - Tenant Travel Behavior Survey: biennial survey of tenants' employees to capture commute mode and frequency

Certification Process Flow



Funding provided by:

[Insert Company Letterhead]

[Date]

Commute.org
Attn: TDM Policy Team
400 Oyster Point Blvd, Suite 409
South San Francisco, CA 94080

RE: Letter of Commitment to the *Certified Development Program*

Project Name: [Enter Project Name]
Project Address: [Enter Project Address]

Dear TDM Policy Team,

I am writing this letter on behalf of [Enter Developer Name] to formally commit to being an active participant in Commute.org's *Certified Development Program*. We pledge to engage with Commute.org and comply with the *Requirements for Active Participation*.

I affirm that [Developer Name] understands and is committed to actively participating in Commute.org's Certified Development Program. We will follow through on these commitments as long as we are associated with this development. We will take the necessary steps to formally obligate any successor organizations to assume our responsibilities under this commitment. We understand that failure to do so will result in the notification of non-compliance to the local jurisdiction.

We understand the importance of reducing vehicle miles traveled (VMT) generated by new development projects and commit to actively participating in Commute.org's TDM programs and services.

Sincerely,

[Enter Applicant Name]

[Enter Applicant Title]

TDM SPECIALISTS, INC. QUALIFICATIONS

TDM SPECIALISTS, INC.

A Transportation Demand Management Company

We are planners and technical experts *focused on development projects and improving employee mobility options. Our Transportation Demand Management (TDM) planning solutions reduce vehicle traffic, parking demand, greenhouse gases, and air pollution impacts. We work successfully with developers, employers, and government agencies to get TDM Plans approved and projects entitled. We also implement and manage on-site commuter programs and achieve required TDM goals.*

"We have finished the review of the Draft TDM. First let me say, that was the best TDM I have ever seen! The best by a large margin...a fantastic TDM Plan. Thank you so much."

Steve Lynch, AICP, Senior Planner, City of Santa Clara, California

Our TDM practitioners provide full-service commute and traffic mitigation, sustainable LEED planning, and air quality conformity. Serving as an extension of client staff, we provide a broad range of services to get the job done efficiently while meeting the unique needs of the client and specific jurisdiction.

Transportation Demand Management

TDM Specialists develop Transportation Demand Management plans, traffic mitigation plans, and sustainable programs that address green commuting, mobility, and constrained parking issues. The purpose of TDM is to promote more efficient utilization of existing transportation facilities, reduce traffic congestion and mobile source emissions, and ensure that projects are designed in ways to maximize the potential for alternative transportation use.

Commute Program Implementation

We have a proven track record of getting employees out of their cars. As projects are built and occupied, TDM Specialists can develop the structure, outreach and promotions necessary to implement and manage employee Commute Programs. The initial start-up, implementation, and ongoing management of the Commute Program are designed to meet TDM or trip reduction objectives and requirements. The overarching goal of a Commute Program is to enhance the quality of life and reduce commute trips for project employees.

Quality of life improvements can enhance employee recruitment, morale and retention, and increase productivity that create positive benefits for businesses.

Sustainable Air Quality and Greenhouse Gas (GHG) Solutions

TDM Specialists successfully implements trip reduction programs tailored to fit the project, and can typically reduce employee trips to the site by 30 percent. This results in reduced drive-alone trips and complies with requirements to reduce project GHG impacts. We coordinate the mechanisms to calculate and report these results to appropriate agencies.

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TDM SPECIALISTS, INC.

A Transportation Demand Management Company

Areas of Expertise

Traffic Mitigation

- TDM/TSM Mitigation Plans
- TDM Employer Training
- Commute Program Development
- Commute Program Management
- Commute Program Audits
- Commuter Surveys
- Transportation Fairs and Events
- Car Management Strategies
- Shuttle Programs
- TMA Management

Parking Mitigation

- Parking Demand Reduction
- Parking Management Strategies
- Parking Constraints Solutions

Entitlement

- Project Support
- Strategic Counsel
- Critical Response Support
- Environmental (EIR) Mitigation (Air Quality and Transportation)

Sustainability

- Greenhouse Gas Emission Reductions
- Supporting LEED Components
- Air Quality Mitigation Plans

TDM Applications

- Office or R&D buildings
- Corporate Headquarters/Campus
- Master Plan projects
- Specific Plans
- Business Parks
- Hospitals/Medical Offices
- Retail/Shopping Centers
- Residential (multi family, single family, hi-rise, etc.)
- Special Events
- Recreation
- Universities and Colleges
- Warehouse and Manufacturing
- Airports and Transit Stations

Development, Property Management and Employer Projects

- Facebook
- Genentech
- NVIDIA
- SAP Labs
- Intel Folsom
- Intel Santa Clara
- Nokia
- Yahoo! Inc.
- NetApp
- VMware
- McClellan Business Park
- Juniper Networks
- Sunnyvale City Center
- Marvell
- Access/Palm Source
- Alexandria Real Estate Equities
- Oyster Point Business Park
- Metro Air Park
- Raley Field
- Moffett Park Business and Transportation Association
- Intuitive Surgical
- The Allen Group
- Spieker Properties
- HCP, Inc.
- Granite Regional Park
- Hyatt Place Hotel – So. San Francisco
- So. San Francisco Business Center
- Masonic Homes of California
- Fairview River Landing
- Donahue Schriber
- BioMed Realty Trust
- Panattoni Development
- Taylor Properties Development Co.
- SKS Investments, LLC
- Shorenstein
- LBA Realty
- Jones Lang LaSalle
- California Farm Bureau
- California Highway Patrol
- Separovich • Domich
- Newell Real Estate Advisors
- Linkedin
- Menlo Equities, LLC
- TMG Partners
- The Minkoff Group
- Arnell Enterprises, Inc.
- The Pollock Financial Group
- Wolff Enterprises

Municipal & Agency Locations

- Sacramento Area Council of Governments
- California Highway Patrol
- County of Sacramento, Dept. of Human Services
- City of South San Francisco
- City of Mountain View
- City of Santa Clara
- City of Sunnyvale
- State of California, Dept. of General Services
- San Mateo City/County Association of Governments
- City of Union City
- Cal PERS
- Cal STRS
- Ogden City, UT
- City of Brisbane
- Grand Rapids Interurban Transit, MI
- City of Citrus Heights
- University of California San Diego West Campus
- Sacramento County International Airport

Biotech, Pharmaceutical and Hospital Projects

- Genentech
- Amgen
- Rigel
- Takeda
- Onyx Pharmaceutical
- University of California San Diego, East Campus Medical Center
- Sutter Medical Center, Sacramento
- Mercy General Hospital
- Mercy San Juan Medical Center
- Enloe Medical Center
- Intuitive Surgical
- Blood Source
- Eclipsys, MA
- Counsyl, Inc.
- Theravance, Inc.

HEXAGON TRANSPORTATION CONSULTANTS, INC.

320 Sheridan Drive

Transportation Impact Analysis

Prepared for:

EMC Planning Group

November 26, 2024

Hexagon Transportation Consultants, Inc.
Hexagon Office: 100 Century Center Court, Suite 501
San Jose, CA 95112
Hexagon Job Number: 24OZ17
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Executive Summary

This report presents the results of the Transportation Impact Analysis (TIA) conducted for the proposed affordable housing development at 320 Sheridan Drive in Menlo Park, California (see Figure 1). The project proposes to construct three new three-story residential apartment buildings totaling 88 below market rate (BMR) housing units, with a 2,200 square foot (s.f.) community center located on the ground floor of one of the buildings. The project site is currently vacant. The project proposes 120 surface parking spaces. Vehicle access to the project site would be provided via one driveway on Sheridan Drive.

CEQA Vehicle-Miles Traveled Analysis

As shown in Table ES-1, the proposed project's residential land use would not generate VMT exceeding the threshold. Therefore, the project's VMT impact would be less than significant.

Table ES-1
Project VMT Evaluation

	VMT per Resident			
Project	**Regional Average**	**VMT Threshold [1]**	**Project VMT**	**VMT Impact?**
320 Sheridan Drive	13.1	11.2	10.0	No

Notes:
* *All data referenced the latest Menlo Park citywide travel demand forecasting model.*
[1] Based on the City of Menlo Park TIA guidelines, adopted on June 23, 2020, and updated on January 11, 2022,

Non-CEQA Levels of Service Transportation Analysis

The study intersections operate at an acceptable level of service during each peak hour for each study scenario (see Table ES-2).

Table ES-2
Intersection Level of Service Summary

				Existing Conditions		Near-Term (2027) Conditions[2]						
						No Project			Project Conditions[3]			
#	Intersection	Peak Hour	Traffic Control	Avg. Delay (sec)[1]	LOS	Avg. Delay (sec)[1]	LOS	Avg. Critical Delay	Avg. Delay (sec)[1]	LOS	Avg. Critical Delay	Incr. in Avg. Delay	Incr. in Avg. Critical Delay
1	Sheridan Drive & Hedge Road	AM	TWSC	8.6	A	8.6	A	-	8.9	A	-	<4	-
		PM		8.6	A	8.6	A	-	8.8	A	-	<4	-
2	Hedge Road/Dunsmuir Way & Greenwood Drive	AM	TWSC	9.3	A	9.3	A	-	9.6	A	-	<4	-
		PM		9.8	A	9.8	A	-	10.0	B	-	<4	-
3	Bay Road & Greenwood Drive	AM	TWSC	14.8	B	15.4	C	-	16.5	C	-	<4	-
		PM		14.2	B	14.2	B	-	15.1	C	-	<4	-
4	Bay Road & Marsh Road	AM	Signal	17.8	B	21.4	C	31.0	22.0	C	31.5	<4	<0.8
		PM		24.0	C	27.8	C	47.0	28.5	C	48.2	<4	1.3

Notes:

TWSC - Two Way Stop Control.

[1] Average delay is reported for signalized intersections. For TWSC intersections, the delay for the worst stop-controlled movement is reported.

Intersection Queuing Analysis

The analysis of intersection levels of service was supplemented with a vehicle queuing analysis for intersection left-turning movements where the proposed project would add significant trips per lane in the vicinity of the project site and affect intersection operations. Queuing issues are operational issues resulting from signal timing and queue storage provisions. Queuing issues are not considered a CEQA issue related to hazards because they are not related to a geometric design feature or incompatible use.

The analysis showed that the project would add to the queue extending beyond the available storage for westbound left-turns on Marsh Road at Bay Road. If desired by the city, the left turn pocket could be extended by restriping.

Site Access, Circulation, and Parking

Hexagon recommends and concludes the following regarding the internal project site circulation and parking:

- The proposed project does not meet the City's vehicle and bicycle parking requirements. Hexagon recommends the project provide enough vehicle and bicycle parking spaces to meet the City's requirements.

1. Introduction

This report presents the results of the Transportation Impact Analysis (TIA) conducted for the proposed affordable housing development at 320 Sheridan Drive in Menlo Park, California (see Figure 1). The project proposes to construct three new three-story residential apartment buildings totaling 88 below market rate (BMR) housing units, with a 2,200 square foot (s.f.) community center located on the ground floor of one of the buildings. The project site is currently vacant. The project proposes 120 surface parking spaces. Vehicle access to the project site would be provided via one driveway on Sheridan Drive.

For the purpose of this report, streets that run parallel to US 101 are assumed to run in a north-south direction, such as Bay Road, Sheridan Drive, and portions of Hedge Road. Streets that run perpendicular to US 101 are assumed to run in an east-west direction, such as Marsh Road, Greenwood Drive, and portions of Hedge Road.

Scope of Study

The purpose of the transportation study is to identify any transportation operational issues in accordance with City of Menlo Park standards and procedures. This report includes a CEQA VMT analysis, multimodal analysis, non-CEQA level of service (LOS) analysis (or roadway congestion analysis), and on-site access and circulation review.

Figure 1
Site Location and Study Intersections

Figure 2
Project Site Plan

CEQA VMT Analysis

The VMT of the project was analyzed per the City of Menlo Park VMT guidelines adopted in July 2020 and updated in January 2022. The City's TIA Guidelines state that a residential project is considered to have a significant VMT impact if its projected VMT per resident exceeds 15 percent below the regional average.

Non-CEQA Level of Service Transportation Analysis

An LOS analysis was conducted to identify whether the proposed project would comply with local policies.

The traffic analysis is based on the AM and PM peak-hour level of service for one signalized intersection and three unsignalized intersections in the vicinity of the project site as illustrated in Figure 1. Traffic conditions at the study intersections were analyzed for the weekday AM and PM peak hours of adjacent street traffic. The AM peak hour is expected to occur between 7:00 AM and 9:00 AM, and the PM peak hour between 4:00 PM and 6:00 PM on a typical weekday. These are the hours during which most traffic congestion occurs on the roadways.

The proposed project would not generate more than 100 peak-hour trips. The San Mateo County City/County Association of Governments (C/CAG) administers the Congestion Management Plan (CMP). Therefore, an analysis in accordance with the C/CAG CMP guidelines is not included.

Study Intersections

1. Sheridan Drive and Hedge Road (unsignalized)
2. Hedge Road and Greenwood Drive (unsignalized)
3. Bay Road and Greenwood Drive (unsignalized)
4. Bay Road and Marsh Road

Traffic conditions were evaluated for the following scenarios:

Scenario 1: *Existing Conditions.* Existing traffic volumes at the study intersections are based on counts collected on September 24 and October 22, 2024.

Scenario 2: *Background Conditions.* Background traffic volumes were estimated by referencing the *Parkline Transportation Impact Analysis, July 2024*. Newly approved projects since that report are also included to form the background conditions.

Scenario 3: *Background plus Project Conditions.* Project-generated traffic was added to the background condition traffic volumes. The background plus project scenario was evaluated relative to the background scenario.

Methodology

This section presents the methods used to determine the traffic conditions at study intersections for each scenario described above. It includes descriptions of the data requirements, the analysis methodologies, and the applicable level of service standards and criteria used to determine if a project is compliant with local policies.

Data Requirements

The data required for the analysis were obtained from new data collection, the City of Menlo Park, field observations, and previous studies. The following data were obtained from these sources:

- existing peak-hour intersection turning-movement volumes,
- existing lane configurations,
- signal timing and phasing, and
- list of approved and pending projects.

Intersection Level of Service Methodologies

Traffic conditions were evaluated using level of service (LOS). Level of service is a qualitative description of operating conditions ranging from LOS A, or free-flow conditions with little or no delay, to LOS F, or forced-flow conditions with extreme delays.

While LOS is no longer a CEQA threshold, the General Plan and City's TIA Guidelines require that the TIA also analyze LOS for local planning purposes (per General Plan Program Circ-3.A Transportation Impact Metrics):

> Supplement Vehicle Miles Traveled (VMT) and greenhouse gas emissions per service population (or other efficiency metric) metrics with Level of Service (LOS) in the transportation impact review process, and utilize LOS for identification of potential operational improvements, such as traffic signal upgrades and coordination, as part of the Transportation Master Plan.

The LOS analysis would determine whether the project traffic would cause an intersection LOS to exceed the City's LOS thresholds or cause either the average delay or average critical delay to exceed the City's intersection delay thresholds under background conditions. The LOS and delay thresholds vary depending on the street classifications as well as whether the intersection is on a State route or not.

The City's TIA Guidelines further require an analysis of the proposed project in relation to relevant policies of the Circulation Element and consideration of specific measures to address noncompliance with local policies which may occur as a result of the addition of project traffic.

Signalized Intersections

Traffic operations at the signalized study intersection were evaluated using VISTRO software based on the level of service method described in the Highway Capacity Manual (HCM) 7th Edition. Table 1 shows the level of service definitions for signalized intersections.

Unsignalized Intersections

Peak-hour levels of motor vehicle delay at the unsignalized study intersections were evaluated using VISTRO software based on the HCM 7th Edition. With this methods, operations are defined by the average control delay per vehicle (measured in seconds) for each movement that must yield the right-of-way. At side-street controlled intersections (two-way or one-way stop control), the control delay (and LOS) is reported for the approach with the highest delay. For all-way stop-controlled intersections, the average delay (and LOS) for all movements is reported. Table 2 summarizes the relationship between average control delay per vehicle and LOS for unsignalized intersections.

Table 1
Signalized Intersection Level of Service Definitions Based on Control Delay

Level of Service	Description	Average Control Delay Per Vehicle (sec.)
A	Signal progression is extremely favorable. Most vehicles arrive during the green phase and do not stop at all. Short cycle lengths may also contribute to the very low vehicle delay.	10.0 or less
B	Operations characterized by good signal progression and/or short cycle lengths. More vehicles stop that with LOS A, causing higher levels of average vehicle delay.	10.1 to 20.0
C	Higher delays may result from fair signal progression and/or longer cycle lengths. Individual cycle failures may begin to appear at this level. The number of vehicles stopping is significant, though some vehicles may still pass through the intersection without stopping.	20.1 to 35.0
D	The influence of congestion becomes more noticeable. Longer delays may result from some combination of unfavorable signal progression, long cycle lengths, or high volume-to-capacity (V/C) ratios. Many vehicles stop and individual cycle failures are noticeable.	35.1 to 55.0
E	This is considered to the be the limit of acceptable delay. These high delays values generally indicated poor signal progression, long cycle lengths, and high volume-to-capacity (V/C) ratios. Individual cycle failures occur frequently.	55.1 to 80.0
F	This level of delay is considered unacceptable by most drivers. This condition often occurs with oversaturation, that is, when arrival flow rates exceed the capacity of the intersection. Poor progression and long cycle lengths may also be major contributing causes of such delay levels.	Greater than 80.0

Source: Transportation Research Board, *Highway Capacity Manual 7th Edition,* (Washington, D.C., 2023).

Table 2
Unsignalized Intersection Level of Service Definition Based on Average Delay

Level of Service	Description	Average Delay Per Vehicle (sec.)
A	Little or no traffic delay	10.0 or less
B	Short traffic delays	10.1 to 15.0
C	Average traffic delays	15.1 to 25.0
D	Long traffic delays	25.1 to 35.0
E	Very long traffic delays	35.1 to 50.0
F	Extreme traffic delays	greater than 50.0

Source: Transportation Research Board, Highway Capacity Manual 7th Edition, (Washington, D.C., 2023).

Level of Service Standards and Adverse Effect Criteria

Signalized Intersection Definition of Adverse Effect

The following thresholds are from the City of Menlo Park's TIA Guidelines, and the proposed project's compliance with local policies was evaluated based on these thresholds.

- A project is considered potentially noncompliant with local policies if the addition of project traffic causes an intersection on a collector street operating at LOS "A" through "C" to operate at an unacceptable level (LOS "D," "E" or "F") or have an increase of 23 seconds or greater in average vehicle delay, whichever comes first. Potential noncompliance shall also include a project that causes an intersection on arterial streets or local approaches to State controlled signalized intersections operating at LOS "A" through "D" to operate at an unacceptable level (LOS "E" or "F") or have an increase of 23 seconds or greater in average vehicle delay, whichever comes first.
- A project is also considered potentially noncompliant if the addition of project traffic causes an increase of more than 0.8 seconds of average delay to vehicles on all critical movements for intersections operating at a near-term LOS "D" through "F" for collector streets and at a near-term LOS "E" or "F" for arterial streets. For local approaches to State controlled signalized intersections, a project is considered to be potentially noncompliant if the addition of project traffic causes an increase of more than 0.8 seconds of delay to vehicles on the most critical movements for intersections operating at a near-term LOS "E" or "F."

Unsignalized Intersection Definition of Adverse Effect

At an unsignalized intersection, the proposed project is considered to have an adverse effect if it:

- Causes operations to degrade from LOS D or better to LOS E or F; or
- Exacerbates LOS E or F conditions by increasing control delay by five or more seconds; and
- Causes volumes under project conditions to exceed the Caltrans Peak-Hour Volume Warrant Criteria.

Intersection Vehicle Queuing Analysis

For selected high-demand movements at the study intersections, the estimated maximum vehicle queues were compared to the existing or planned storage capacity. The queuing analysis is used to determine the appropriate storage lengths for the high demand turn lanes where the proposed project would add a substantial number of trips to these movements. Vehicle queues were estimated using VISTRO for intersections analyzed with this software.

The basis of the analysis is as follows: (1) VISTRO is used to estimate the 95th percentile maximum number of queued vehicles per signal cycle for a particular movement; (2) the estimated maximum number of vehicles in the queue is translated into a queue length, assuming 25 feet per vehicle; and (3) the estimated maximum queue length is compared to the existing or planned available storage capacity for the movement.

For signalized intersections, the 95th percentile queue length value indicates that during the peak hour, a queue of this length or less would occur on 95th percent of the signal cycles. In other words, a queue length larger than the 95th percentile queue would only occur on five percent of the signal cycles (about three cycles during the peak hour for a signal with a 60-second cycle length). Therefore, left-turn storage pocket designs based on the 95th percentile queue length would ensure that storage space would be exceeded only five percent of the time. The 95th percentile queue length is also known as the “design queue length.”

2. CEQA VMT Analysis

Project VMT is defined as the total distance traveled by vehicles traveling to and from the Proposed Project over a typical day. In order to estimate VMT for the project, the citywide travel demand forecast model was used. The citywide model is the best available model to represent travel within the City of Menlo Park and serves as the primary forecasting tool for the City. The model is a mathematical representation of travel within the nine Bay Area counties, as well as the Santa Cruz, San Benito, Monterey and San Joaquin counties. The base model structure was developed by the Metropolitan Transportation Commission (MTC) and further refined by the City/County Association of Governments and Santa Clara Valley Transportation Authority for use within San Mateo County and Santa Clara County. The City further refined this model for application with Menlo Park to add more detail to the zone structure and transportation network. The model has a base year of year 2019.

There are four main components of the model: 1) trip generation, 2) trip distribution, 3) mode choice, and 4) trip assignment. The model uses socioeconomic inputs (i.e., population, income, employment) aggregated into geographic areas, called transportation analysis zones (TAZ) to estimate travel within the model area. There are 81 TAZs within the model to represent the City of Menlo Park. The model was used to estimate the Proposed Project's effect on VMT in accordance with the City's VMT guidelines.

VMT Evaluation

According to the City's VMT guidelines, the evaluation of residential land use is based on a daily VMT per capita metric. Using the model, this metric is calculated only for home-based trips. Based on the latest citywide travel demand model, the regional average residential daily VMT is 13.1 per capita. Therefore, the City's residential VMT impact threshold, at 15% below regional average, is 11.2 daily VMT per capita.

The project was coded into the model as an affordable housing project. As shown in Table 3 below, the project's residential land use would generate 10.0 daily VMT per resident, which is below the impact threshold of 11.2 VMT per resident. Therefore, the project would have a less-than-significant VMT impact on the transportation system.

Affordable housing projects typically result in less-than-significant VMT impacts on the transportation system due to factors such as shorter trip distances, higher rates of carpooling, and reduced reliance on personal vehicles among residents. Additionally, affordable housing developments often serve residents working nearby, resulting in fewer and shorter vehicle trips, further contributing to a lower VMT.

Table 3
VMT Analysis

Project	VMT per Resident			
	Regional Average	VMT Threshold [1]	Project VMT	VMT Impact?
320 Sheridan Drive	13.1	11.2	10.0	No

Notes:
** All data referenced the latest Menlo Park citywide travel demand forecasting model.*
[1] Based on the City of Menlo Park TIA guidelines, adopted on June 23, 2020, and updated on January 11, 2022,

Impacts on Pedestrian, Bicycle and Transit Facilities

Pedestrian and Bicycle Facilities

In the immediate vicinity of the project site, pedestrian facilities include sidewalks along both sides of the nearby streets. There are continuous pedestrian facilities from the project site to Flood Park and Kelly Park. The project would not affect current or planned pedestrian or bicycle facilities in the project vicinity. The project would also not require any new pedestrian or bicycle facilities.

Pedestrian and Bicycle Access to Schools

Schools in the immediate vicinity of the project site include Beechwood School, Nativity Catholic School, Menlo-Atherton High School, Encinal Elementary School, Menlo School, and Laurel Elementary School. All the schools are outside of walking distance but are within biking distance. Bicycle access to each school is described below:

- **Beechwood School.** This school is located approximately 0.9 miles east of the project site at the north end of Terminal Avenue. Bicycle access from the project site to the school would be via Van Buren Road, Pierce Road, Del Norte Avenue, and the pedestrian overcrossing at US 101. There are no striped bike lanes on Van Buren Road, Pierce Road, and Del Norte Avenue.
- **Laurel Elementary School (Lower Campus).** This school is located approximately 0.9 miles west of the project site on Edge Road. Bicycle access from the project site to the school would be via Van Buren Road, Ringwood Avenue, and Edge Road. There are Class II bicycle lanes and Class III bike routes on both sides of the road except on Van Buren Road.
- **Peninsula School.** This school is located approximately 1.1 mile southwest of the project site on Peninsula Way. Bicycle access from the project site to the school would be via Van Buren Road, Menlo Oaks Drive, and Peninsula, which do not have existing bike lanes.
- **Menlo-Atherton High School.** This school is located approximately 1.4 miles west of the project site at the east side of the Middlefield Road/Ravenswood Avenue intersection. Bicycle access from the project site to the school would be via Van Buren Road and Ringwood Avenue. Ringwood Avenue has existing Class II bicycle lanes and Class III bike routes on both sides of the road.
- **Nativity Catholic School.** This school is located approximately 2.1 miles west of the project site at the northeast corner of Laurel Street and Oak Grove Avenue. Bicycle access from the project site to the school would be via Van Buren Road, Ringwood Avenue, Middlefield Road,

Oak Grove Avenue, and Laurel Street, which have existing Class II bicycle lanes and Class III bike routes on both sides of the road except on Van Buren Road.

- **Encinal Elementary School.** This school is located approximately 2.3 miles west of the project site at the northwest corner of Middlefield Road and Encinal Avenue. Bicycle access from the project site to the school would be via Van Buren Road, Ringwood Avenue, Middlefield Road, and Encinal Avenue, which have existing Class II bicycle lanes and Class III bike routes on both sides of the road except on Van Buren Road.
- **Menlo School.** This school is located approximately 2.9 miles west of the project site on Valparaiso Avenue. Bicycle access from the project site to the school would be via Van Buren Road, Ringwood Avenue, Middlefield Road, Glenwood Avenue, and Valparaiso Avenue, which have existing Class II bicycle lanes and Class III bike routes on both sides of the road except on Van Buren Road.

Transit Facilities

SamTrans routes 82, 83, and 88 serve the immediate vicinity of the project site during the AM and PM peak commute hours and are described below:

Route 82 is a school-oriented service that provides service from Bay/Marsh to Hillview School. Route 82 operates Monday through Friday from 7:40 AM to 8:10 AM in the westbound direction, Wednesday and Thursday from 2:42 PM to 3:17 PM and Monday, Tuesday, Friday from 3:17 PM to 3:52 PM in the eastbound direction.

Route 83 is a school-oriented service that provides service from Bay/Marsh to Hillview School. Route 83 operates Monday through Friday from 7:23 AM to 8:07 AM in the westbound direction, Wednesday and Thursday from 2:43 PM to 3:27 PM and Monday, Tuesday, Friday from 3:18 PM to 4:05 PM in the eastbound direction.

Route 88 is a school-oriented service that provides service from Bay/Marsh to Encinal School. Route 88 operates Monday, Tuesday, Wednesday, and Friday from 3:15 PM to 3:36 PM and Thursday 2:05 PM to 2:26 PM in the eastbound direction.

Bus stops are within a typical walking distance (one-quarter mile or 5 minutes) of the project site on Bay Road at Greenwood Drive. The proposed project would make no change to existing public transit facilities. The small transit demand increase is expected to be accommodated by the existing transit capacity.

3. Non-CEQA Level of Service Transportation Analysis

This chapter describes the existing conditions level of service and observed traffic conditions at roadway facilities in the vicinity of the site. It also describes the method by which project traffic is estimated and any adverse effects to intersection levels of service caused by the proposed project under existing and background conditions.

Existing Intersection Lane Configurations and Traffic Volumes

The existing lane configurations at the study intersections were confirmed by observations in the field and are shown on Figure 3. Existing traffic volumes were obtained from new peak-hour counts collected in 2024. The existing AM and PM peak hour intersection volumes are shown in Figure 4. Intersection turning-movement count data are presented in Appendix A.

Existing Intersection Levels of Service

The results of the intersection level-of-service analysis under existing conditions show that the study intersections currently operate at an acceptable level of service during both peak hours (see Table 4):

Table 4
Existing Intersection Levels of Service

#	Intersection	Peak Hour	Traffic Control	Existing Conditions Avg. Delay (sec)[1]	Existing Conditions LOS
1	Sheridan Drive & Hedge Road	AM	TWSC	8.6	A
		PM		8.6	A
2	Hedge Road/Dunsmuir Way & Greenwood Drive	AM	TWSC	9.3	A
		PM		9.8	A
3	Bay Road & Greenwood Drive	AM	TWSC	14.8	B
		PM		14.2	B
4	Bay Road & Marsh Road	AM	Signal	17.8	B
		PM		24.0	C

Notes:

TWSC - Two Way Stop Control.

[1] Average delay is reported for signalized intersections. For TWSC intersections, the delay for the worst stop-controlled movement is reported.

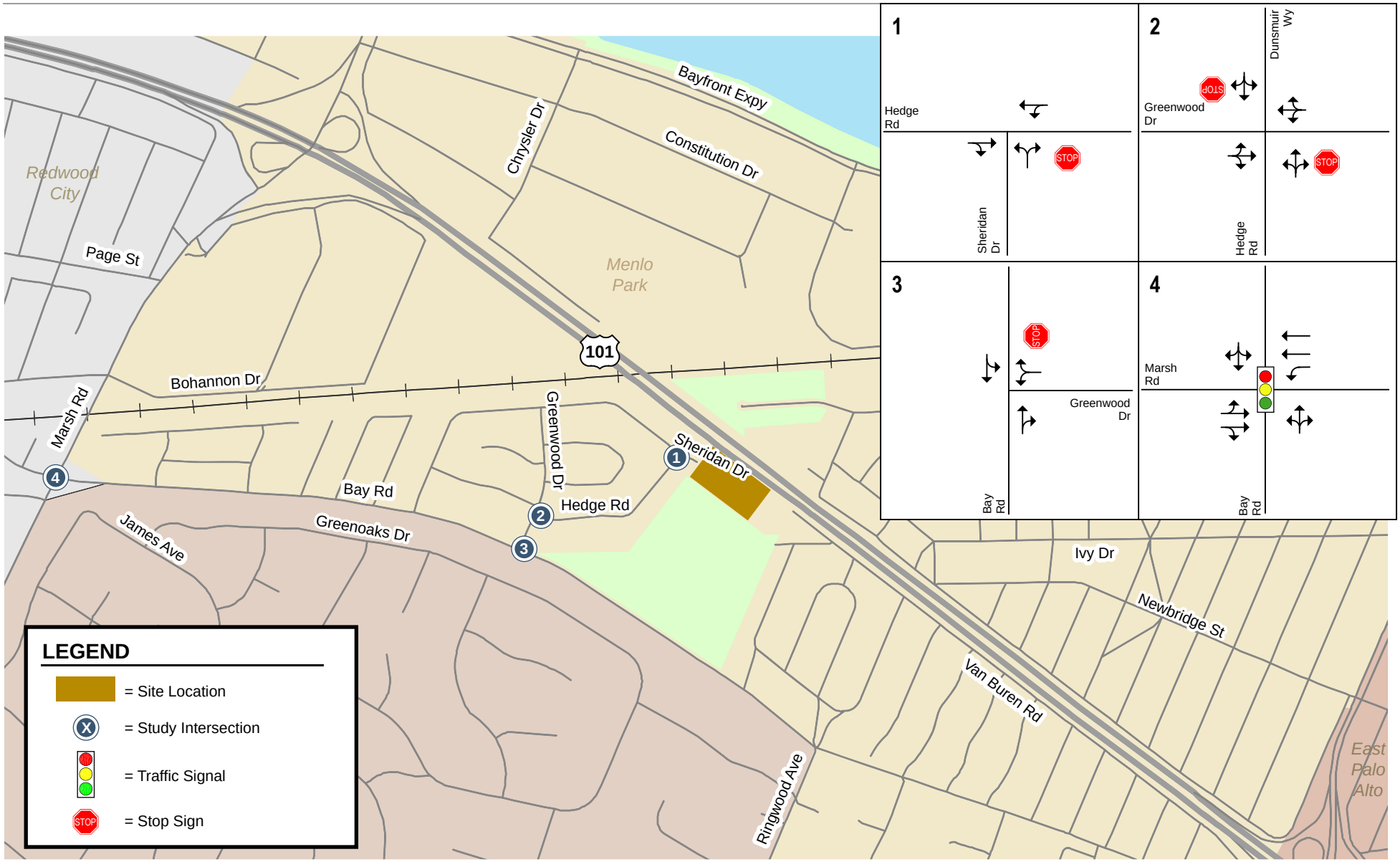


Figure 3
Existing Lane Configurations

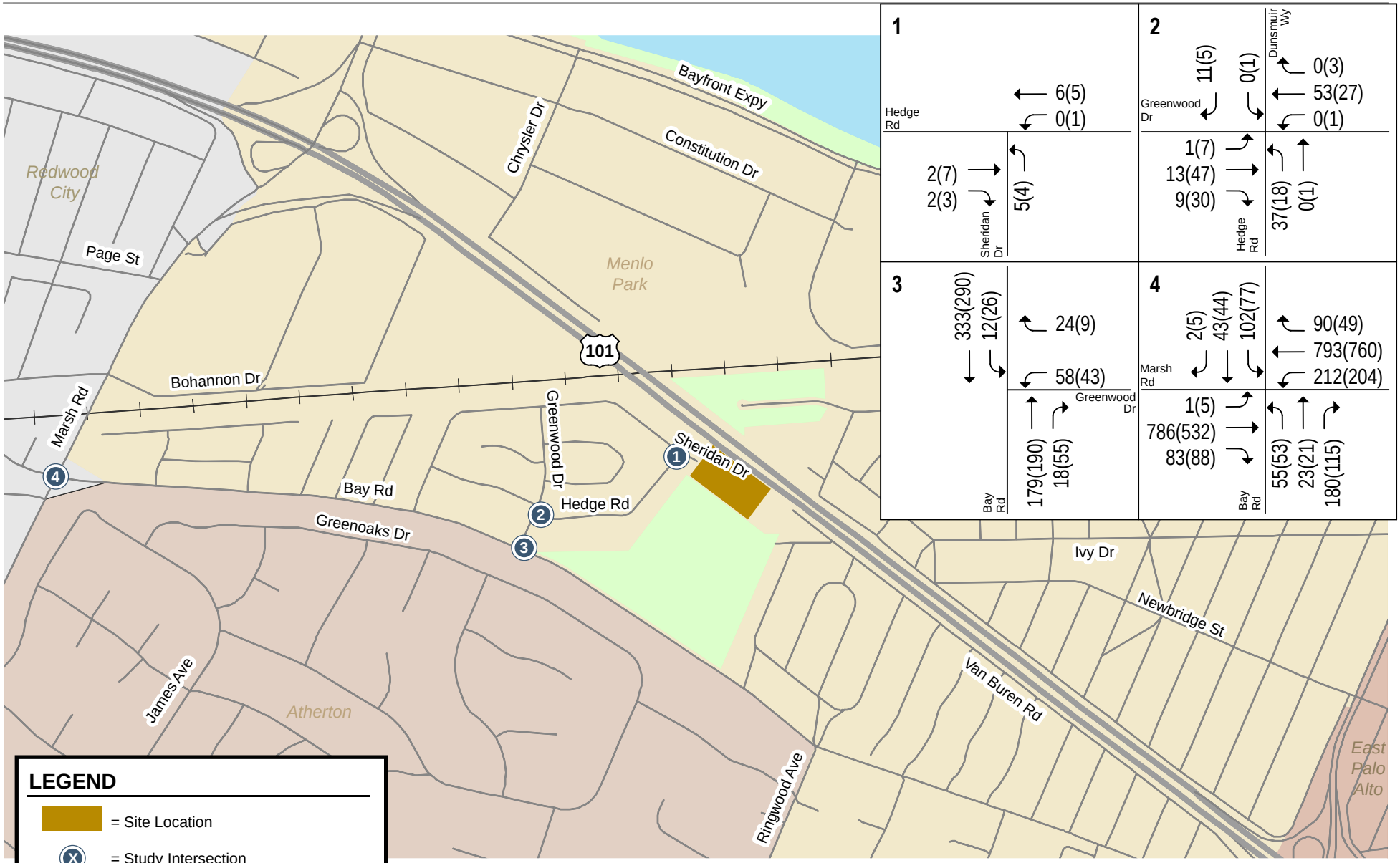


Figure 4
Existing Traffic Volumes

Project Trip Estimates

The magnitude of traffic produced by a new development and the locations where that traffic would appear are estimated using a three-step process: (1) trip generation, (2) trip distribution, and (3) trip assignment. In determining project trip generation, the magnitude of traffic entering and exiting the site is estimated for the AM and PM peak hours. As part of the project trip distribution, the directions to and from which the project trips would travel are estimated. In the project trip assignment, the project trips are assigned to specific streets and intersections. These procedures are described below.

Trip Generation

The magnitude of traffic produced by a new development is estimated by applying the size of the project to the applicable trip generation rates contained in the Institute of Transportation Engineers' (ITE) *Trip Generation Manual*, 11th Edition. Trips that would be generated by the proposed project were estimated using the ITE trip rates for "Affordable Housing – Income Limits" (Land Use Code 223).

Project Trips

Based on the trip generation rates, the proposed project would generate 423 daily trips with 44 trips (13 inbound and 31 outbound) during the AM peak hour and 40 trips (24 inbound and 16 outbound) during the PM peak hour (see Table 5).

Table 5
Project Trip Generation Estimates

Land Use	Size	Daily Rate	Daily Trips	AM Peak Hour Rate	AM In	AM Out	AM Total	PM Peak Hour Rate	PM In	PM Out	PM Total
Proposed											
Multi-family [1]	88 d.u.	4.81	423	0.50	13	31	44	0.46	24	16	40

Notes
d.u. = dwelling units
[1] Trip generations rate for the proposed project are based on the ITE's Trip Generation Manual, 11th Edition rates for Land Use Code Land Use Code 223 "Affordable Housing - Income Limits" in a General Urban/Suburban area.

Trip Distribution and Assignment

The trip distribution pattern for the project trips was estimated based on the surrounding roadway network, the locations of complementary land uses, and highway access points (see Figure 5). The PM peak-hour vehicle trips generated by the project were assigned to the roadway network in accordance with the trip distribution patterns (see Figure 5).

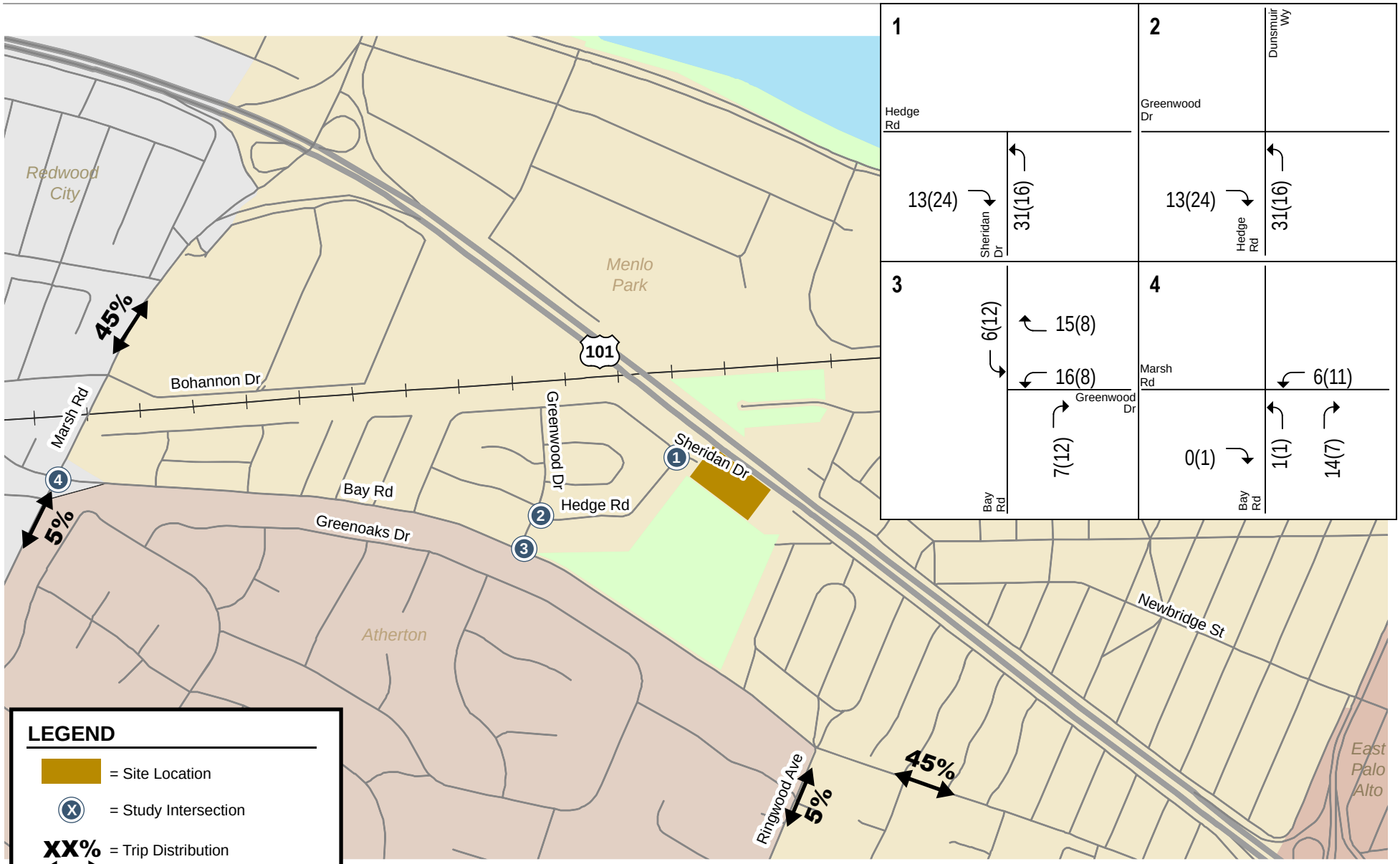


Figure 5
Project Trip Distribution and Assignment

Background Traffic Volumes

Hexagon recently completed a study for the Parkline project in Menlo Park. Since the initiation of the Parkline study, there has been only one project (123 Independence Drive) that has been approved in the vicinity of the project. Traffic volumes for the 123 Independence Drive project were added onto the background volumes in the Parkline traffic study to derive the background traffic volumes for this study for Marsh Road and Bay Road.

None of the other study intersections were evaluated as part of the Parkline study. At the intersection of Greenwood Drive and Bay Road, a growth rate was applied to the through movements on Bay Road to develop the background traffic volumes at this intersection. The growth rate was developed using volume growth at the Marsh Road and Bay Road intersection. The other intersections are minor intersections in a residential neighborhood, so no traffic growth was assumed under background conditions.

Background Intersection Levels of Service

The results of the intersection level of service analysis under background conditions show that study intersections would operate at an acceptable level of service during both peak hours (see Table 6). The intersection level of service calculation sheets are included in Appendix B.

Background Plus Project Intersection Levels of Service

The results of the intersection level of service analysis under background plus project conditions show that the study intersections (see Table 6) would continue to operate at acceptable levels of service during both peak hours. The intersection level of service calculation sheets are included in Appendix B.

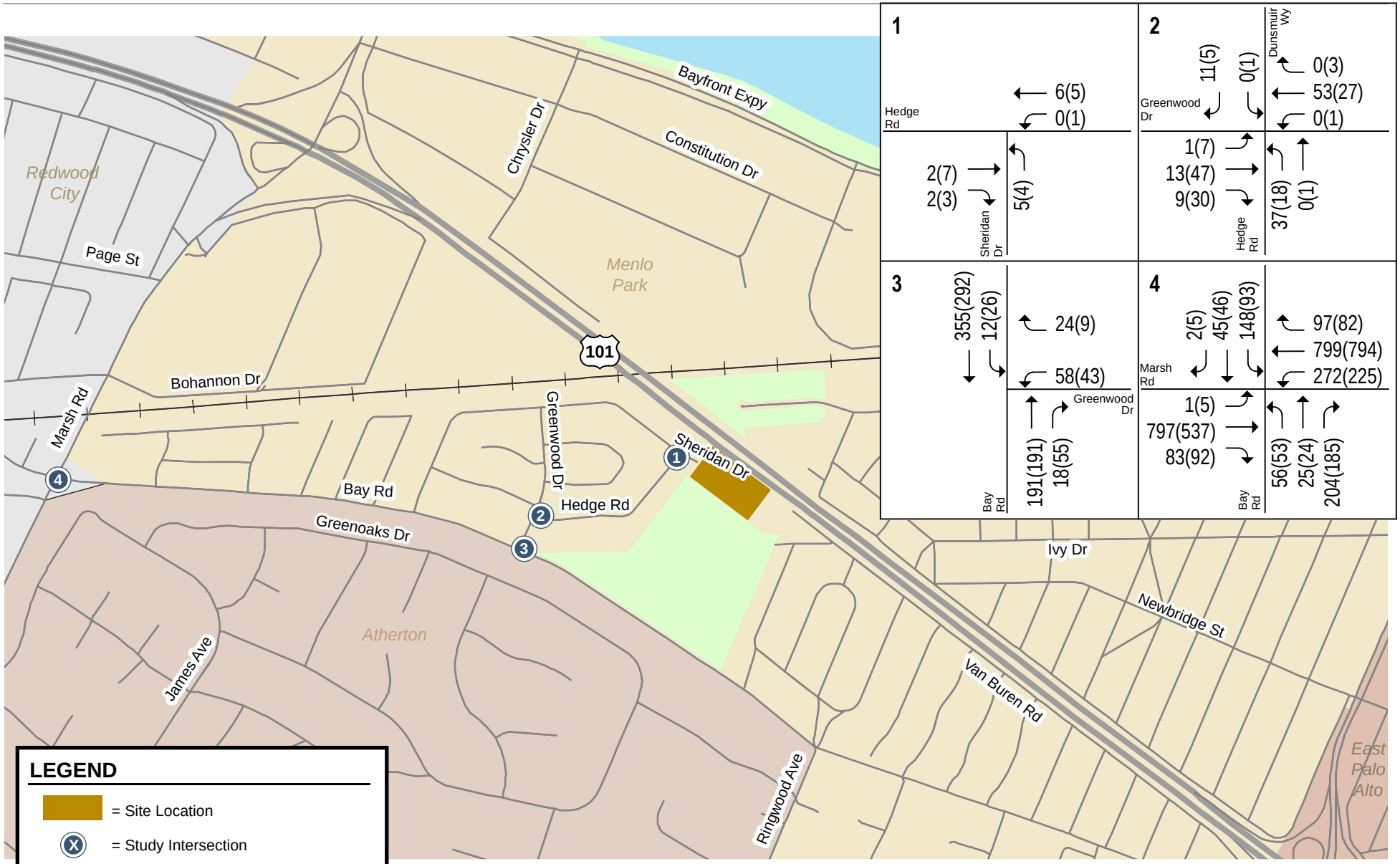


Figure 6
Background Traffic Volumes

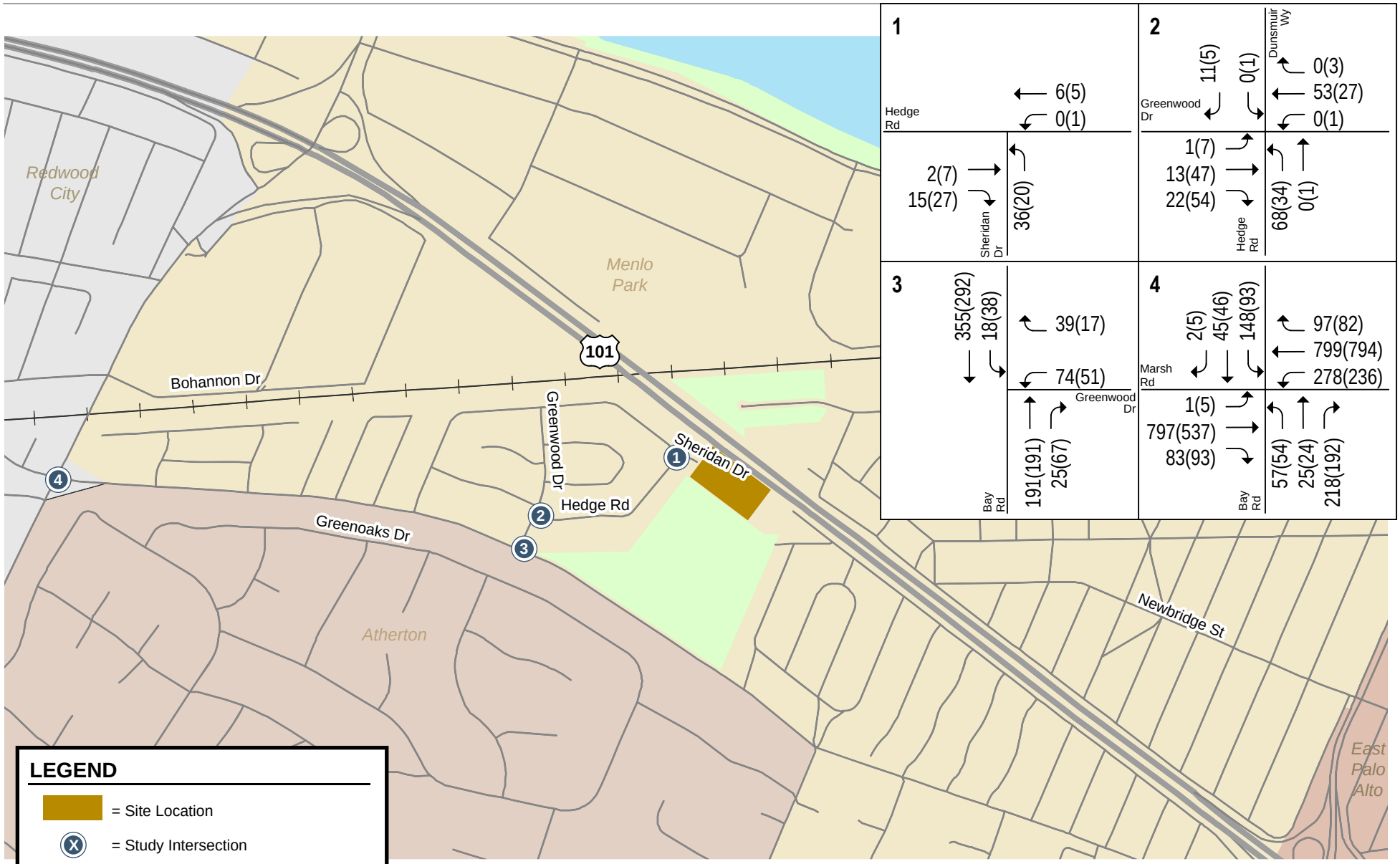


Figure 7
Background Plus Project Traffic Volumes

Table 6
Background Intersection Levels of Service

#	Intersection	Peak Hour	Traffic Control	Near-Term (2027) Conditions[2]							
				No Project			Project Conditions[3]				
				Avg. Delay (sec)[1]	LOS	Avg. Critical Delay	Avg. Delay (sec)[1]	LOS	Avg. Critical Delay	Incr. in Avg. Delay	Incr. in Avg. Critical Delay
1	Sheridan Drive & Hedge Road	AM	TWSC	8.6	A	-	8.9	A	8.9	<4	-
		PM		8.6	A	-	8.8	A	8.8	<4	-
2	Hedge Road/Dunsmuir Way & Greenwood Drive	AM	TWSC	9.3	A	-	9.6	A	9.6	<4	-
		PM		9.8	A	-	10.0	B	10.0	<4	-
3	Bay Road & Greenwood Drive	AM	TWSC	15.4	C	-	16.5	C	16.5	<4	-
		PM		14.2	B	-	15.1	C	15.1	<4	-
4	Bay Road & Marsh Road	AM	Signal	21.4	C	31.0	22.0	C	31.5	<4	<0.8
		PM		27.8	C	47.0	28.5	C	48.2	<4	1.3

Notes:
TWSC - Two Way Stop Control.
[1] Average delay is reported for signalized intersections. For TWSC intersections, the delay for the worst stop-controlled movement is reported.

Intersection Vehicle Queuing

The analysis of intersection levels of service was supplemented with a vehicle queuing analysis for intersection left-turning movements where the proposed project would add significant trips per lane. Vehicle queues were estimated using the methodology described in Chapter 1. The following movement was selected for evaluation, and the vehicle queuing analysis results based on the VISTRO software are summarized in Table 7:

- Westbound left turn from Marsh Road to southbound Bay Road

Table 7
Intersection Vehicle Queuing Results

Movement	Bay Rd & Marsh Rd WBL	
Peak Hour Period	AM	PM
Existing		
Volume (vphpl)	212	204
95th %. Queue (veh/ln)[1]	9	14
95th %. Queue (ft/ln)[1]	225	350
Storage (ft/ln)	280	280
Adequate (Y/N)	Y	N
Background		
Volume (vphpl)	272	225
95th %. Queue (veh)[1]	11	15
95th %. Queue (ft/ln)[1]	275	375
Storage (ft./ln)	280	280
Adequate (Y/N)	Y	N
Background Plus Project		
Volume (vphpl)	278	236
95th %. Queue (veh/ln)[1]	11	16
95th %. Queue (ft/ln)[1]	275	400
Storage (ft./ln)	280	280
Adequate (Y/N)	Y	N

Notes:
WBL = westbound left-turn

[1] Vehicle queues are from Vistro outputs and are rounded up to the next whole number. Assumes one vehicle equals 25 feet of queue.

Westbound Left-Turn from Marsh Road to Southbound Bay Road

The existing vehicle storage for the westbound left-turn lane on Marsh Road at Bay Road is 280 feet, which provides enough space for about 11 vehicles. Under existing and background conditions, the 95th percentile queue is shown to exceed the storage of the left-turn lane by three and four vehicles,

respectively, in the PM peak hour. The project would add one vehicle to the 95th percentile queue during the PM peak hour. If desired by the city, the left turn pocket could be extended by restriping.

Site Access and Circulation

Site access and on-site circulation were evaluated using commonly accepted transportation principles. This review is based on the site plan prepared by Alliant Strategic Development dated February 26, 2024.

Vehicle Site Access and Circulation

The project consists of three separate residential buildings with access provided via one driveway that is an extension of Sheridan Drive. This driveway would provide access to the site parking lot and residential buildings.

On-Site Circulation

The site plan shows that the width of the main drive aisle is 26 feet, and the width of the parking aisles are 23 feet. According to the City of Menlo Park standard details (T-1 and T-3), the minimum drive aisle width for multi-family residential is 24 feet, and the minimum parking aisle width for 90-degree stalls is 23 feet. The project would meet the City's standards.

Garbage Truck Access and Circulation

The site plan shows two trash enclosures located at the east and west sides of the project site. The driveway would serve as the access point for garbage trucks. Figure 8 shows the turning movements of the garbage trucks. The turning movements show that the project would provide adequate space for garbage trucks to maneuver around the site.

Emergency Vehicle Access and Circulation

The site plan shows a steel gate at the northeast corner of the project site that connects to Van Buren Road. This gate and the project driveway on Sheridan Drive would serve as access points for emergency vehicles. Figure 9 shows the turning movements of an emergency vehicle. The turning movements show that the project would provide adequate space for emergency vehicles to maneuver around the site.

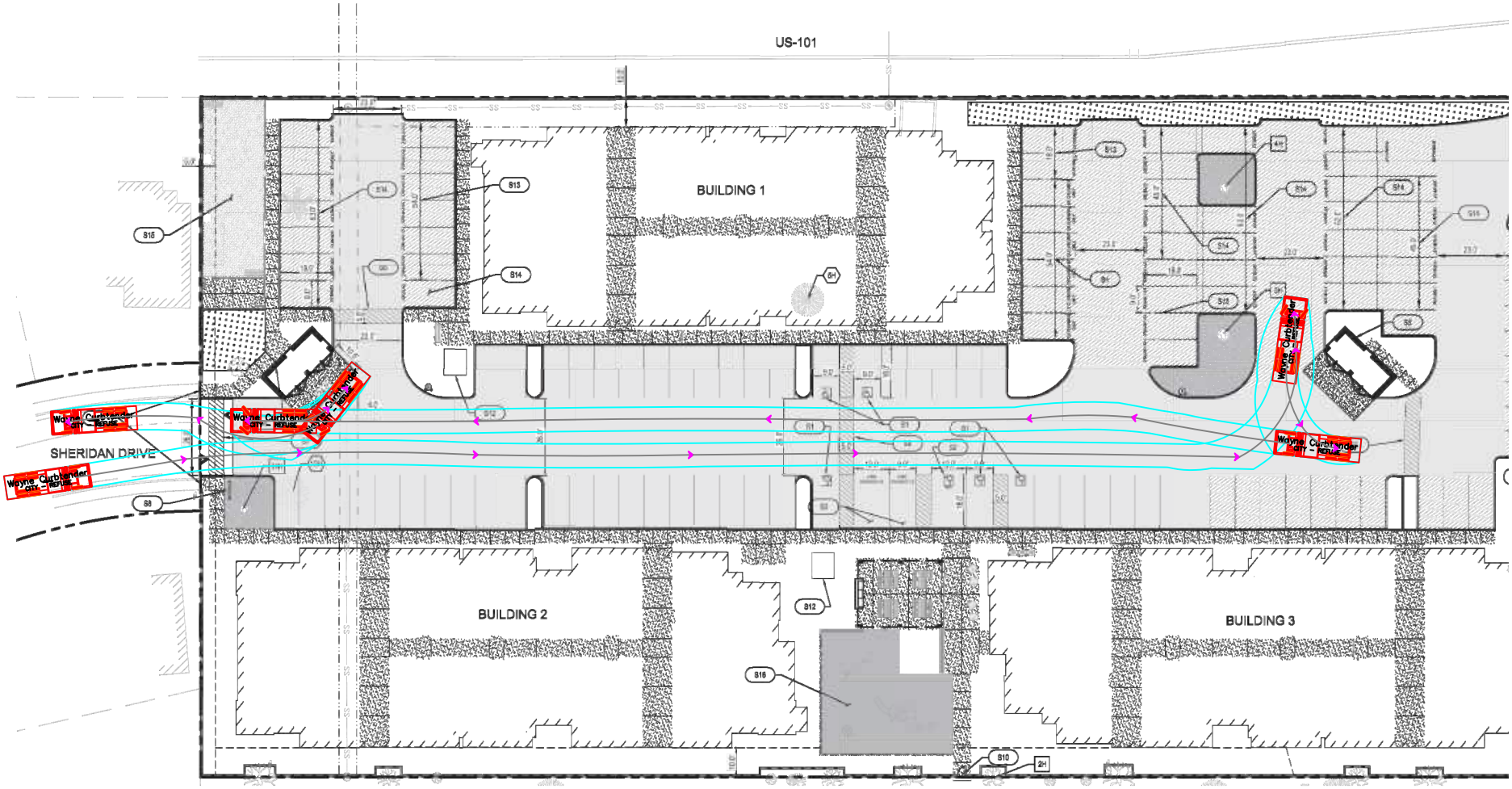


Figure 8
Garbage Truck Turning Movements

NORTH
Not to Scale

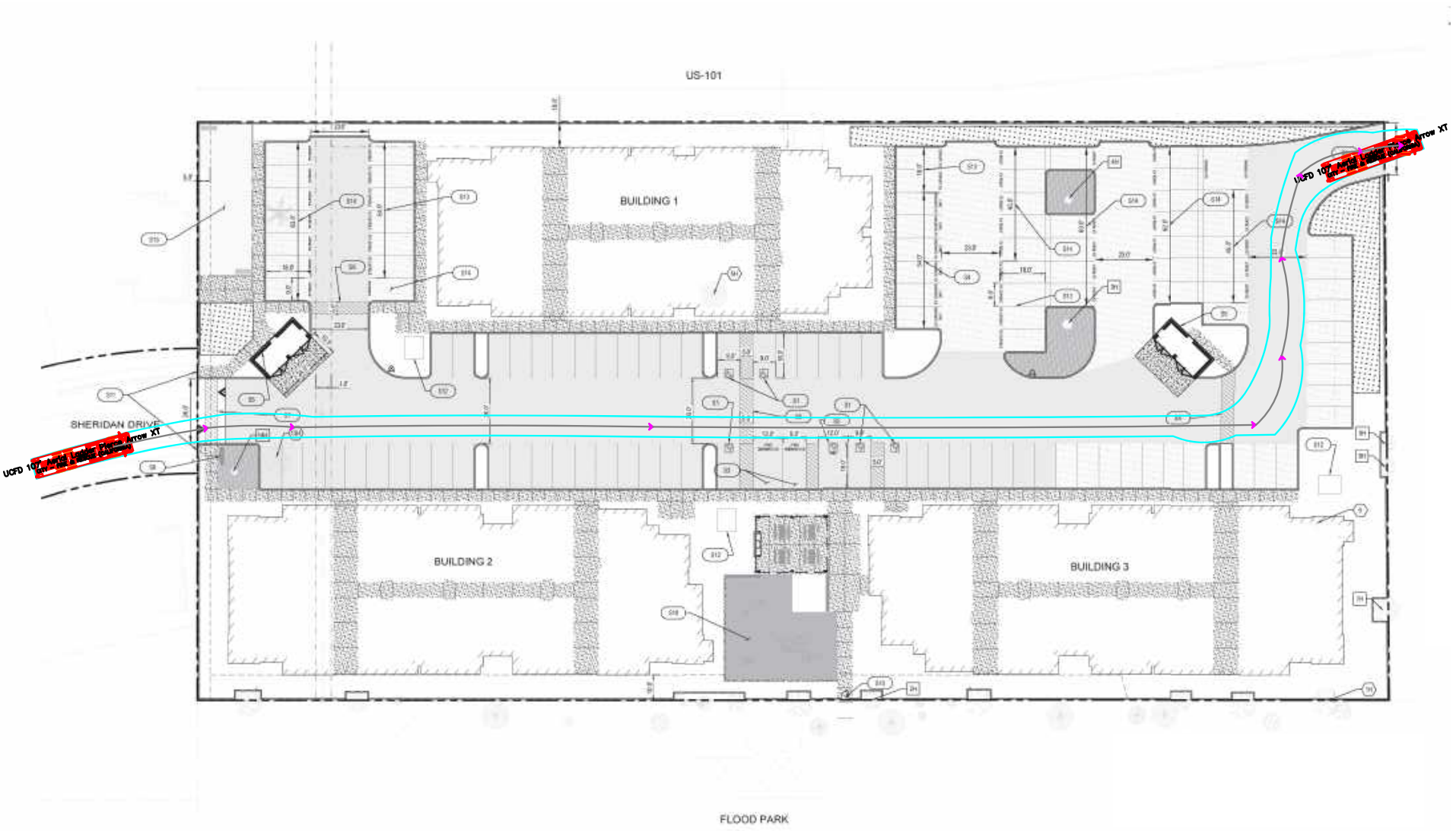


Figure 9
Emergency Vehicle Turning Movement

Parking

Vehicle Parking

According to the City of Menlo Park Zoning Code (16.20.030, Table 1), projects are required to provide two spaces per unit, one of which must be covered. The project proposes 88 apartments. Therefore, the project would be required to provide 176 parking spaces. The project proposes to provide 120 parking spaces in a surface parking lot, none of which would be covered. This would not meet the City's parking requirements. Hexagon recommends the project provide enough vehicle parking spaces to meet the City's requirements.

EV Parking

According to the City's Zoning Code (12.18.040), new multi-family construction requires at least 15% of dedicated parking spaces be electrical vehicle charging station (EVCS). The project would be required to provide 176 parking spaces with 27 of the spaces be EVCS. The project proposes 50 EV parking spaces which would meet the City's requirement.

Bicycle Parking

According to the City of Menlo Park Zoning Code (16.20.030, Table 1), projects are required to provide at minimum 1.5 long-term bicycle parking spaces per unit and 10% additional short-term bicycle parking spaces for guests. The project would be required to provide 132 long-term bicycle parking spaces and 14 short-term bicycle parking spaces. The project proposes five bicycle racks that could store 10 bicycles. This would not meet the City's requirements. Hexagon recommends the project provide enough long-term and short-term parking spaces to meet the City's requirements.

320 Sheridan Drive TIA

Technical Appendices

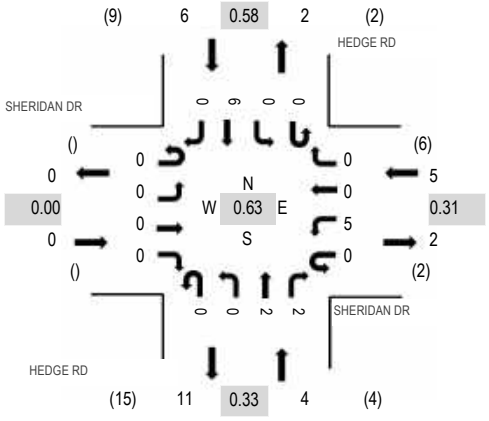
November 26, 2024

Appendix A
Traffic Counts

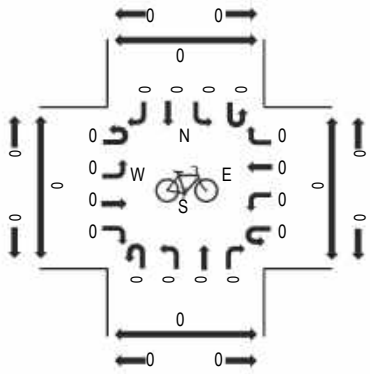
ALL TRAFFIC DATA SERVICES
(303) 216-2439
www.alltrafficdata.net

Location: 1 HEDGE RD & SHERIDAN DR AM
Date: Tuesday, September 24, 2024
Peak Hour: 07:30 AM - 08:30 AM
Peak 15-Minutes: 07:45 AM - 08:00 AM

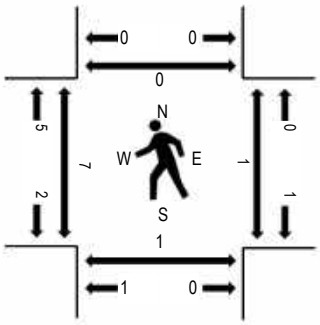
Peak Hour - Motorized Vehicles



Peak Hour - Bicycles



Peak Hour - Pedestrians



Note: Total study counts contained in parentheses.

Traffic Counts - Motorized Vehicles

Interval Start Time	SHERIDAN DR Eastbound				SHERIDAN DR Westbound				HEDGE RD Northbound				HEDGE RD Southbound					Rolling Hour	Pedestrian Crossings			
	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	Total		West	East	South	North
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	10	1	2	0	0
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	13	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	15	2	0	1	0
7:45 AM	0	0	0	0	0	4	0	0	0	0	1	0	0	0	1	0	6	13	3	0	0	0
8:00 AM	0	0	0	0	0	1	0	0	0	0	0	0	0	0	3	0	4	9	2	0	0	0
8:15 AM	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	3		0	1	0	0
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		2	0	0	0
8:45 AM	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	2		2	0	0	0

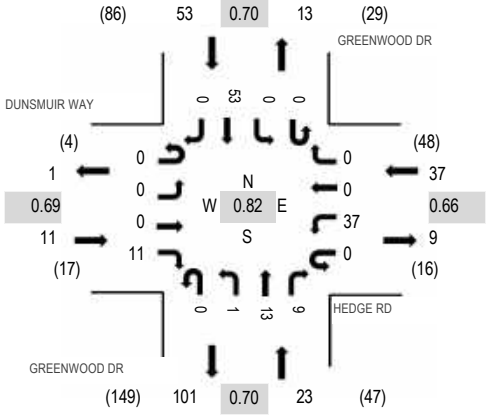
Peak Rolling Hour Flow Rates

Vehicle Type	Eastbound				Westbound				Northbound				Southbound				Total
	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	
Articulated Trucks	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lights	0	0	0	0	0	5	0	0	0	0	2	2	0	0	6	0	15
Mediums	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	5	0	0	0	0	2	2	0	0	6	0	15

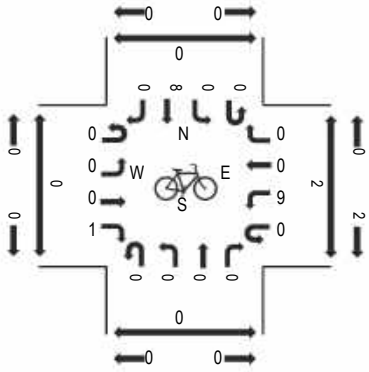
(303) 216-2439
www.alltrafficdata.net

Location: 2 GREENWOOD DR & HEDGE RD AM
Date: Tuesday, October 22, 2024
Peak Hour: 07:30 AM - 08:30 AM
Peak 15-Minutes: 07:45 AM - 08:00 AM

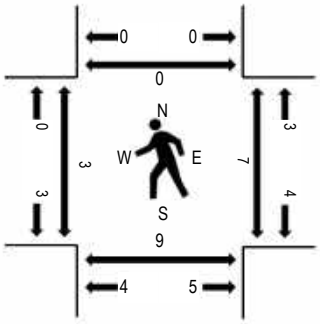
Peak Hour - Motorized Vehicles



Peak Hour - Bicycles



Peak Hour - Pedestrians



Note: Total study counts contained in parentheses.

Traffic Counts - Motorized Vehicles

Interval Start Time	DUNSMUIR WAY Eastbound				HEDGE RD Westbound				GREENWOOD DR Northbound				GREENWOOD DR Southbound					Rolling Hour	Pedestrian Crossings			
	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	Total		West	East	South	North
7:00 AM	0	0	0	1	0	0	0	0	0	0	4	0	0	0	2	0	7	91	8	5	7	1
7:15 AM	0	0	0	1	0	1	0	0	0	0	4	2	1	0	8	0	17	121	5	13	10	1
7:30 AM	0	0	0	3	0	14	0	0	0	1	1	0	0	0	10	0	29	124	1	3	2	0
7:45 AM	0	0	0	3	0	6	0	0	0	0	6	4	0	0	19	0	38	119	0	3	4	0
8:00 AM	0	0	0	4	0	11	0	0	0	0	3	4	0	0	15	0	37	107	2	0	1	0
8:15 AM	0	0	0	1	0	6	0	0	0	0	3	1	0	0	9	0	20		0	1	2	0
8:30 AM	0	0	0	1	0	7	0	0	0	0	3	4	0	0	9	0	24		0	1	0	0
8:45 AM	0	1	0	2	0	3	0	0	0	3	3	1	0	0	13	0	26		0	1	0	0

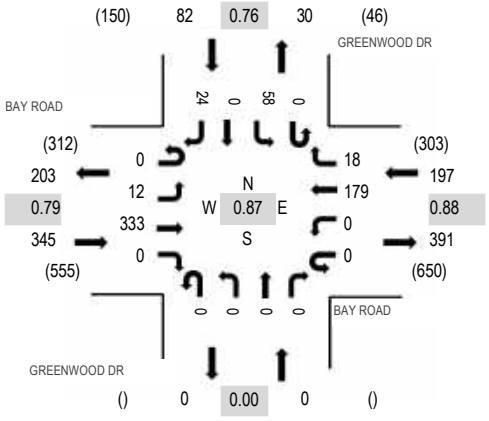
Peak Rolling Hour Flow Rates

Vehicle Type	Eastbound				Westbound				Northbound				Southbound				Total
	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	
Articulated Trucks	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lights	0	0	0	11	0	37	0	0	0	1	13	9	0	0	53	0	124
Mediums	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	11	0	37	0	0	0	1	13	9	0	0	53	0	124

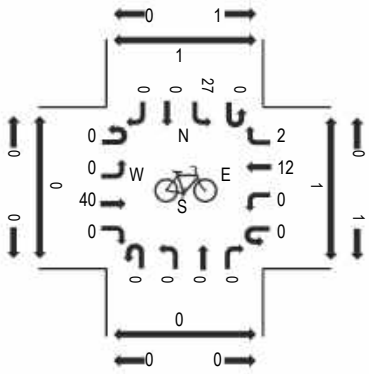
ALL TRAFFIC DATA SERVICES
(303) 216-2439
www.alltrafficdata.net

Location: 3 GREENWOOD DR & BAY ROAD AM
Date: Tuesday, September 24, 2024
Peak Hour: 07:45 AM - 08:45 AM
Peak 15-Minutes: 07:45 AM - 08:00 AM

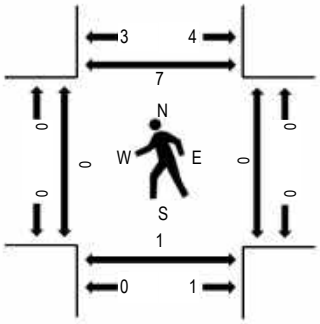
Peak Hour - Motorized Vehicles



Peak Hour - Bicycles



Peak Hour - Pedestrians



Note: Total study counts contained in parentheses.

Traffic Counts - Motorized Vehicles

Interval Start Time	BAY ROAD Eastbound				BAY ROAD Westbound				GREENWOOD DR Northbound				GREENWOOD DR Southbound					Rolling Hour	Pedestrian Crossings			
	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	Total		West	East	South	North
7:00 AM	0	2	32	0	0	0	15	2	0	0	0	0	0	7	0	0	58	425	0	0	0	5
7:15 AM	0	0	27	0	0	0	20	3	0	0	0	0	0	9	0	5	64	527	0	5	0	5
7:30 AM	0	3	62	0	0	0	24	4	0	0	0	0	0	24	0	6	123	600	0	9	0	2
7:45 AM	0	4	105	0	0	0	35	3	0	0	0	0	0	23	0	10	180	624	0	0	0	2
8:00 AM	0	2	84	0	0	0	46	5	0	0	0	0	0	19	0	4	160	583	0	0	1	0
8:15 AM	0	3	71	0	0	0	49	3	0	0	0	0	0	7	0	4	137		0	0	0	3
8:30 AM	0	3	73	0	0	0	49	7	0	0	0	0	0	9	0	6	147		0	0	0	2
8:45 AM	0	1	83	0	0	0	37	1	0	0	0	0	0	15	0	2	139		0	0	0	7

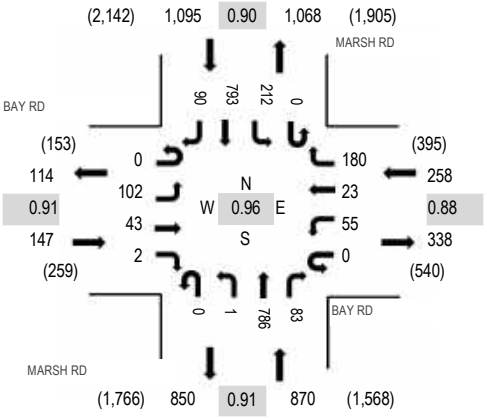
Peak Rolling Hour Flow Rates

Vehicle Type	Eastbound				Westbound				Northbound				Southbound				Total
	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	
Articulated Trucks	0	0	2	0	0	0	1	0	0	0	0	0	0	0	0	0	3
Lights	0	12	324	0	0	0	174	18	0	0	0	0	0	58	0	23	609
Mediums	0	0	7	0	0	0	4	0	0	0	0	0	0	0	0	1	12
Total	0	12	333	0	0	0	179	18	0	0	0	0	0	58	0	24	624

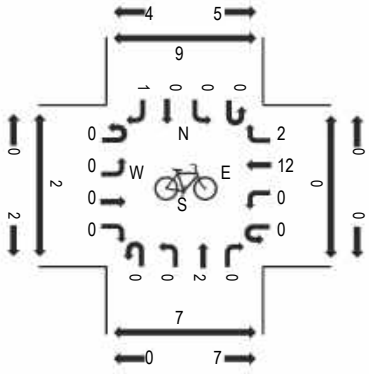
ALL TRAFFIC DATA SERVICES
(303) 216-2439
www.alltrafficdata.net

Location: 4 MARSH RD & BAY RD AM
Date: Tuesday, September 24, 2024
Peak Hour: 07:45 AM - 08:45 AM
Peak 15-Minutes: 08:15 AM - 08:30 AM

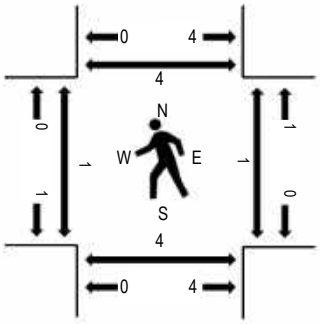
Peak Hour - Motorized Vehicles



Peak Hour - Bicycles



Peak Hour - Pedestrians



Note: Total study counts contained in parentheses.

Traffic Counts - Motorized Vehicles

Interval Start Time	BAY RD Eastbound				BAY RD Westbound				MARSH RD Northbound				MARSH RD Southbound					Rolling Hour	Pedestrian Crossings			
	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	Total		West	East	South	North
7:00 AM	0	13	0	0	0	3	1	13	0	0	128	10	0	23	213	3	407	2,020	0	0	0	0
7:15 AM	0	25	4	0	0	9	1	21	0	0	135	4	0	15	257	10	481	2,167	2	0	1	0
7:30 AM	0	25	6	0	0	15	1	21	0	0	155	14	0	50	244	7	538	2,304	1	0	0	4
7:45 AM	0	26	10	0	0	19	7	32	0	1	153	24	0	71	229	22	594	2,370	0	0	0	1
8:00 AM	0	24	14	0	0	15	6	41	0	0	186	17	0	55	166	30	554	2,344	0	0	0	2
8:15 AM	0	25	6	1	0	9	7	57	0	0	238	22	0	48	186	19	618		0	1	3	0
8:30 AM	0	27	13	1	0	12	3	50	0	0	209	20	0	38	212	19	604		1	0	1	1
8:45 AM	0	29	10	0	0	10	4	38	0	1	234	17	0	49	165	11	568		1	0	0	2

Peak Rolling Hour Flow Rates

Vehicle Type	Eastbound				Westbound				Northbound				Southbound				Total
	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	
Articulated Trucks	0	0	0	0	0	0	0	1	0	0	2	1	0	1	0	0	5
Lights	0	102	43	2	0	54	23	176	0	1	770	82	0	205	767	89	2,314
Mediums	0	0	0	0	0	1	0	3	0	0	14	0	0	6	26	1	51
Total	0	102	43	2	0	55	23	180	0	1	786	83	0	212	793	90	2,370

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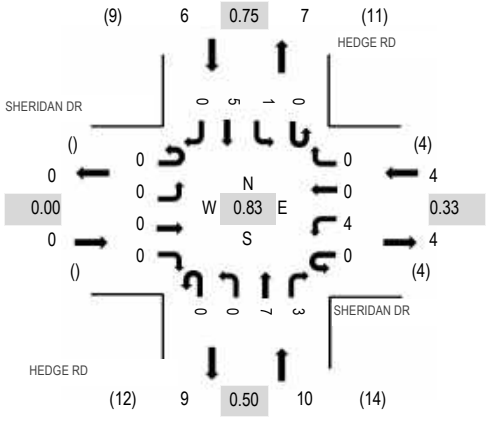
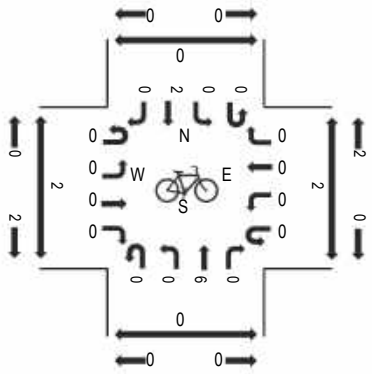
Location: 1 HEDGE RD & SHERIDAN DR PM
Date: Tuesday, September 24, 2024
Peak Hour: 04:00 PM - 05:00 PM
Peak 15-Minutes: 04:30 PM - 04:45 PM

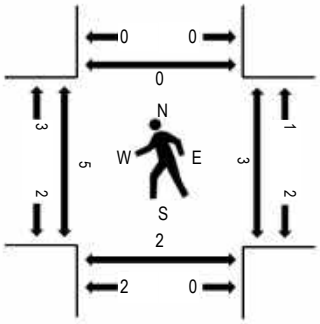
Peak Hour - Motorized Vehicles



Peak Hour - Bicycles



Peak Hour - Pedestrians



Note: Total study counts contained in parentheses.

Traffic Counts - Motorized Vehicles

Interval Start Time	SHERIDAN DR Eastbound				SHERIDAN DR Westbound				HEDGE RD Northbound				HEDGE RD Southbound					Rolling Hour	Pedestrian Crossings			
	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	Total		West	East	South	North
4:00 PM	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2	0	3	20	2	2	2	0
4:15 PM	0	0	0	0	0	1	0	0	0	0	1	1	0	0	2	0	5	19	1	0	0	0
4:30 PM	0	0	0	0	0	0	0	0	0	0	4	1	0	1	0	0	6	16	0	1	0	0
4:45 PM	0	0	0	0	0	3	0	0	0	0	1	1	0	0	1	0	6	12	2	0	0	0
5:00 PM	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	2	7	4	0	0	0
5:15 PM	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	2		1	3	0	0
5:30 PM	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	2		2	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1		2	1	1	0

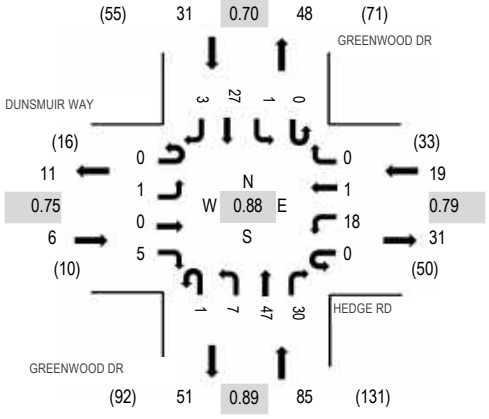
Peak Rolling Hour Flow Rates

Vehicle Type	Eastbound				Westbound				Northbound				Southbound				Total
	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	
Articulated Trucks	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lights	0	0	0	0	0	4	0	0	0	0	7	3	0	1	5	0	20
Mediums	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	4	0	0	0	0	7	3	0	1	5	0	20

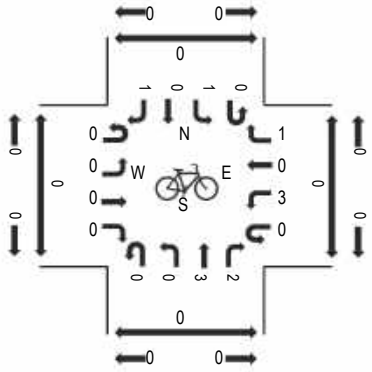
ALL TRAFFIC DATA SERVICES
(303) 216-2439
www.alltrafficdata.net

Location: 2 GREENWOOD DR & HEDGE RD PM
Date: Tuesday, October 22, 2024
Peak Hour: 05:00 PM - 06:00 PM
Peak 15-Minutes: 05:30 PM - 05:45 PM

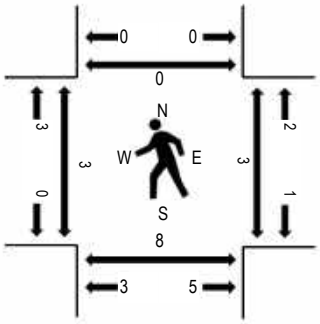
Peak Hour - Motorized Vehicles



Peak Hour - Bicycles



Peak Hour - Pedestrians



Note: Total study counts contained in parentheses.

Traffic Counts - Motorized Vehicles

Interval Start Time	DUNSMUIR WAY Eastbound				HEDGE RD Westbound				GREENWOOD DR Northbound				GREENWOOD DR Southbound					Rolling Hour	Pedestrian Crossings			
	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	Total		West	East	South	North
4:00 PM	0	0	0	1	0	3	0	0	0	2	8	6	0	0	8	0	28	88	0	0	0	0
4:15 PM	0	0	0	1	0	4	0	0	0	1	5	4	0	0	6	0	21	91	0	1	0	0
4:30 PM	0	0	0	1	0	5	0	0	0	1	5	5	0	0	7	0	24	102	1	0	2	0
4:45 PM	0	1	0	0	0	2	0	0	0	1	4	4	0	0	3	0	15	118	0	0	0	0
5:00 PM	0	0	0	2	0	5	1	0	0	2	10	5	0	0	5	1	31	141	0	1	1	0
5:15 PM	0	0	0	1	0	3	0	0	0	2	15	4	0	1	6	0	32		1	0	1	0
5:30 PM	0	0	0	1	0	5	0	0	0	2	11	10	0	0	10	1	40		1	0	3	0
5:45 PM	0	1	0	1	0	5	0	0	1	1	11	11	0	0	6	1	38		1	2	3	0

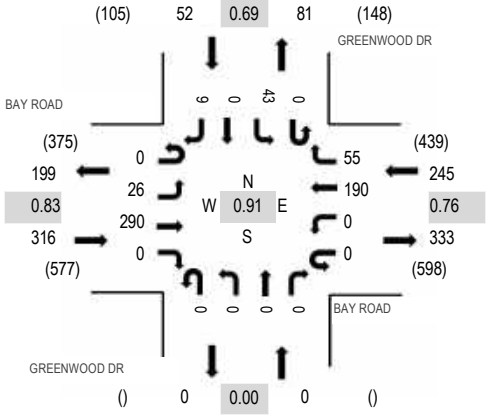
Peak Rolling Hour Flow Rates

Vehicle Type	Eastbound				Westbound				Northbound				Southbound				Total
	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	
Articulated Trucks	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lights	0	1	0	5	0	18	1	0	1	7	46	30	0	1	26	3	139
Mediums	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	2
Total	0	1	0	5	0	18	1	0	1	7	47	30	0	1	27	3	141

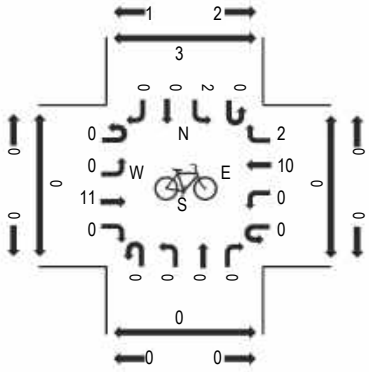
ALL TRAFFIC DATA SERVICES
(303) 216-2439
www.alltrafficdata.net

Location: 3 GREENWOOD DR & BAY ROAD PM
Date: Tuesday, September 24, 2024
Peak Hour: 05:00 PM - 06:00 PM
Peak 15-Minutes: 05:15 PM - 05:30 PM

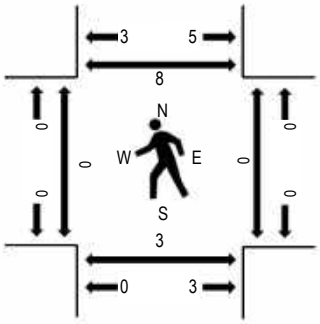
Peak Hour - Motorized Vehicles



Peak Hour - Bicycles



Peak Hour - Pedestrians



Note: Total study counts contained in parentheses.

Traffic Counts - Motorized Vehicles

Interval Start Time	BAY ROAD Eastbound				BAY ROAD Westbound				GREENWOOD DR Northbound				GREENWOOD DR Southbound					Rolling Hour	Pedestrian Crossings			
	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	Total		West	East	South	North
4:00 PM	0	5	60	0	0	0	32	7	0	0	0	0	0	7	0	9	120	508	0	0	1	0
4:15 PM	0	8	77	0	0	0	32	12	0	0	0	0	0	9	0	9	147	535	0	5	1	1
4:30 PM	0	7	61	0	0	0	38	12	0	0	0	0	0	5	0	2	125	557	0	0	1	3
4:45 PM	0	3	40	0	0	0	48	13	0	0	0	0	0	6	0	6	116	578	0	0	0	3
5:00 PM	0	8	78	0	0	0	39	10	0	0	0	0	0	10	0	2	147	613	0	0	1	2
5:15 PM	0	4	91	0	0	0	39	15	0	0	0	0	0	18	0	2	169		0	0	2	2
5:30 PM	0	6	48	0	0	0	63	18	0	0	0	0	0	9	0	2	146		0	0	0	1
5:45 PM	0	8	73	0	0	0	49	12	0	0	0	0	0	6	0	3	151		0	0	0	3

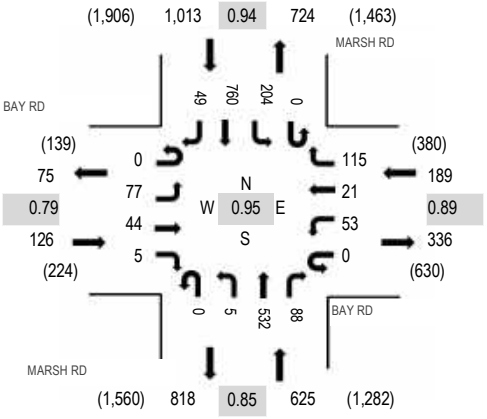
Peak Rolling Hour Flow Rates

Vehicle Type	Eastbound				Westbound				Northbound				Southbound				Total
	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	
Articulated Trucks	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lights	0	25	289	0	0	0	189	54	0	0	0	0	0	43	0	9	609
Mediums	0	1	1	0	0	0	1	1	0	0	0	0	0	0	0	0	4
Total	0	26	290	0	0	0	190	55	0	0	0	0	0	43	0	9	613

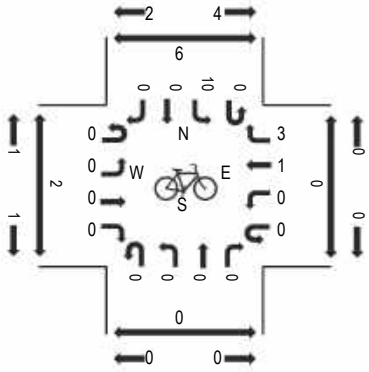
ALL TRAFFIC DATA SERVICES
(303) 216-2439
www.alltrafficdata.net

Location: 4 MARSH RD & BAY RD PM
Date: Tuesday, September 24, 2024
Peak Hour: 05:00 PM - 06:00 PM
Peak 15-Minutes: 05:15 PM - 05:30 PM

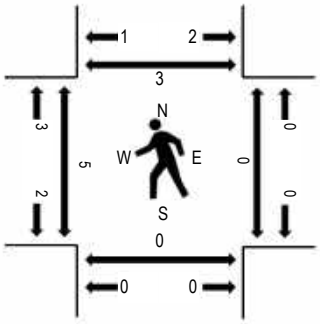
Peak Hour - Motorized Vehicles



Peak Hour - Bicycles



Peak Hour - Pedestrians



Note: Total study counts contained in parentheses.

Traffic Counts - Motorized Vehicles

Interval Start Time	BAY RD Eastbound				BAY RD Westbound				MARSH RD Northbound				MARSH RD Southbound					Rolling Hour	Pedestrian Crossings			
	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	Total		West	East	South	North
4:00 PM	0	11	14	0	0	9	5	32	0	1	92	19	0	39	166	18	406	1,839	7	1	0	1
4:15 PM	0	22	9	3	0	16	4	32	0	0	155	47	0	40	152	9	489	1,916	0	0	0	4
4:30 PM	0	16	5	1	0	19	2	18	0	1	152	14	0	54	195	12	489	1,942	11	0	0	0
4:45 PM	0	11	4	2	0	13	0	41	0	1	157	18	0	31	166	11	455	1,928	0	0	0	1
5:00 PM	0	19	13	1	0	10	6	22	0	0	130	14	0	58	202	8	483	1,953	0	0	0	1
5:15 PM	0	24	14	2	0	19	6	24	0	2	131	37	0	61	184	11	515		0	0	0	2
5:30 PM	0	12	5	2	0	8	7	37	0	0	127	15	0	37	205	20	475		3	0	0	0
5:45 PM	0	22	12	0	0	16	2	32	0	3	144	22	0	48	169	10	480		2	0	0	0

Peak Rolling Hour Flow Rates

Vehicle Type	Eastbound				Westbound				Northbound				Southbound				Total
	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	
Articulated Trucks	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	2
Lights	0	77	44	5	0	53	21	114	0	5	523	88	0	203	755	49	1,937
Mediums	0	0	0	0	0	0	0	1	0	0	8	0	0	1	4	0	14
Total	0	77	44	5	0	53	21	115	0	5	532	88	0	204	760	49	1,953

Appendix B
Level of Service Analysis

Vistro File: P:\...\320 Sheridan Dr_AM 2024.11.08.vistro
Report File: P:\...\EAM.pdf

Scenario 16 Existing AM
11/14/2024

Intersection Analysis Summary

ID	Intersection Name	Control Type	Method	Worst Mvmt	V/C	Delay (s/veh)	LOS
4	Marsh Rd/Bay Rd	Signalized	HCM 7th Edition	SB Left	0.573	17.8	B
82	Greenwood Dr/Bay Rd	Two-way stop	HCM 7th Edition	SB Left	0.152	14.8	B
298	Greenwood Dr/Hedge Rd/Dunsmuir Wy	Two-way stop	HCM 7th Edition	NB Left	0.051	9.3	A
299	Hedge Rd/Sheridan Dr	Two-way stop	HCM 7th Edition	NB Left	0.008	8.6	A

V/C, Delay, LOS: For two-way stop, these values are taken from the movement with the worst (highest) delay value. For all other control types, they are taken for the whole intersection.

Intersection Level Of Service Report
Intersection 4: Marsh Rd/Bay Rd

Control Type:	Signalized	Delay (sec / veh):	17.8
Analysis Method:	HCM 7th Edition	Level Of Service:	B
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.573

Intersection Setup

Name	Marsh Road			Marsh Road			Bay Road			Bay Road		
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Entry Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Entry Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
No. of Lanes in Exit Pocket	0	0	1	0	0	0	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	49.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	35.00			35.00			25.00			30.00		
Grade [%]	0.00			0.00			0.00			0.00		
Curb Present	No			No			No			No		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name	Marsh Road			Marsh Road			Bay Road			Bay Road		
Base Volume Input [veh/h]	1	786	83	212	793	90	102	43	2	55	23	180
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Proportion of CAVs [%]	0.00											
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Right Turn on Red Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	1	786	83	212	793	90	102	43	2	55	23	180
Peak Hour Factor	0.9600	0.9600	0.9600	0.9600	0.9600	0.9600	0.9600	0.9600	0.9600	0.9600	0.9600	0.9600
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	0	205	22	55	207	23	27	11	1	14	6	47
Total Analysis Volume [veh/h]	1	819	86	221	826	94	106	45	2	57	24	188
Presence of On-Street Parking	No		No	No		No	No		No	No		No
On-Street Parking Maneuver Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
Local Bus Stopping Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
v_do, Outbound Pedestrian Volume crossing	0			5			0			5		
v_di, Inbound Pedestrian Volume crossing m	0			5			0			5		
v_co, Outbound Pedestrian Volume crossing	1			1			1			1		
v_ci, Inbound Pedestrian Volume crossing mi	1			1			1			1		
v_ab, Corner Pedestrian Volume [ped/h]	0			0			0			0		
Bicycle Volume [bicycles/h]	1			2			3			2		

Intersection Settings

Located in CBD	No
Signal Coordination Group	-
Cycle Length [s]	90
Active Pattern	Pattern 1
Coordination Type	Time of Day Pattern Coordinated
Actuation Type	Fully actuated
Offset [s]	8.0
Offset Reference	LagCoordGreen
Permissive Mode	SingleBand
Lost time [s]	4.00

Phasing & Timing

Control Type	Permiss	Permiss	Permiss	Protecte	Permiss	Permiss	Permiss	Permiss	Permiss	Permiss	Permiss	Permiss
Signal Group	2	6	2	5	2	6	4	4	4	8	4	8
Auxiliary Signal Groups												
Lead / Lag	Lag	-	-	Lag	-	-	Lag	-	-	-	-	-
Minimum Green [s]	6	7	6	7	6	7	8	8	8	0	8	0
Maximum Green [s]	40	40	40	30	40	40	30	30	30	0	30	0
Amber [s]	4.1	4.1	4.1	4.1	4.1	4.1	3.7	3.7	3.7	0.0	3.7	0.0
All red [s]	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	1.0	0.0
Split [s]	56	34	56	22	56	34	34	34	34	0	34	0
Vehicle Extension [s]	3.0	3.0	3.0	3.0	3.0	3.0	5.0	5.0	5.0	0.0	5.0	0.0
Walk [s]	7	0	7	0	7	0	7	7	7	0	7	0
Pedestrian Clearance [s]	17	0	17	0	17	0	23	23	23	0	23	0
Delayed Vehicle Green [s]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Rest In Walk		No			No			No			No	
I1, Start-Up Lost Time [s]	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	0.0	2.0	0.0
I2, Clearance Lost Time [s]	0.5	0.5	0.5	1.0	0.5	0.5	0.1	0.1	0.1	0.0	0.1	0.0
Minimum Recall		No		No	No			No			No	
Maximum Recall		No		No	No			No			No	
Pedestrian Recall		No		No	No			No			No	
Detector Location [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Detector Length [ft]	0.0	0.0	0.0	0.0	0.0	0.0	20.0	20.0	20.0	0.0	20.0	0.0
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Exclusive Pedestrian Phase

Pedestrian Signal Group	0
Pedestrian Walk [s]	0
Pedestrian Clearance [s]	0

Lane Group Calculations

Lane Group	C	C	L	C	C	C	C
C, Cycle Length [s]	90	90	90	90	90	90	90
L, Total Lost Time per Cycle [s]	2.50	2.50	3.00	2.50	2.50	2.10	2.10
l1_p, Permitted Start-Up Lost Time [s]	2.00	0.00	0.00	0.00	0.00	2.00	2.00
l2, Clearance Lost Time [s]	0.50	0.50	1.00	0.50	0.50	0.10	0.10
g_i, Effective Green Time [s]	45	45	15	63	63	23	23
g / C, Green / Cycle	0.50	0.50	0.17	0.70	0.70	0.25	0.25
(v / s)_i Volume / Saturation Flow Rate	0.26	0.26	0.12	0.25	0.25	0.15	0.16
s, saturation flow rate [veh/h]	1869	1634	1781	1870	1794	1037	1641
c, Capacity [veh/h]	970	813	297	1305	1252	328	461
d1, Uniform Delay [s]	15.34	15.38	35.73	5.50	5.51	30.10	30.16
k, delay calibration	0.50	0.50	0.11	0.50	0.50	0.23	0.23
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00
d2, Incremental Delay [s]	1.82	2.39	3.67	0.77	0.81	2.20	2.50
d3, Initial Queue Delay [s]	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rp, platoon ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PF, progression factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Lane Group Results

X, volume / capacity	0.50	0.52	0.74	0.36	0.36	0.47	0.58
d, Delay for Lane Group [s/veh]	17.16	17.76	39.41	6.27	6.32	32.29	32.65
Lane Group LOS	B	B	D	A	A	C	C
Critical Lane Group	No	Yes	Yes	No	No	No	Yes
50th-Percentile Queue Length [veh/ln]	6.63	5.95	4.78	3.07	2.98	3.16	5.40
50th-Percentile Queue Length [ft/ln]	165.85	148.77	119.59	76.66	74.48	79.06	134.89
95th-Percentile Queue Length [veh/ln]	10.86	9.95	8.37	5.52	5.36	5.69	9.21
95th-Percentile Queue Length [ft/ln]	271.45	248.78	209.27	137.98	134.06	142.32	230.13

Movement, Approach, & Intersection Results

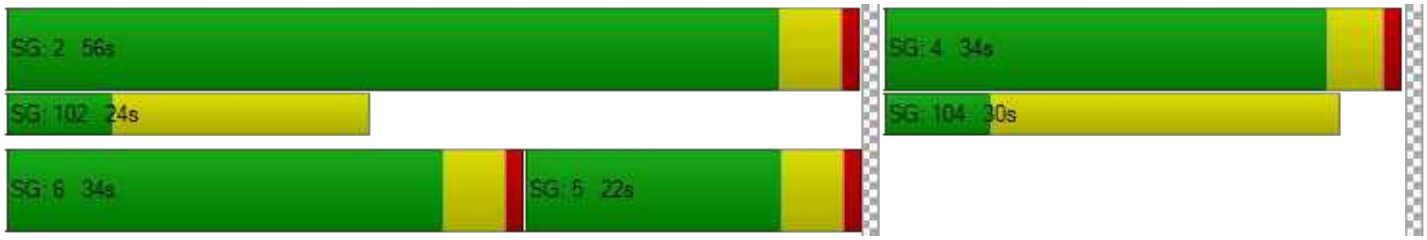
d_M, Delay for Movement [s/veh]	17.16	17.41	17.76	39.41	6.29	6.32	32.29	32.29	32.29	32.65	32.65	32.65
Movement LOS	B	B	B	D	A	A	C	C	C	C	C	C
d_A, Approach Delay [s/veh]	17.44			12.71			32.29			32.65		
Approach LOS	B			B			C			C		
d_I, Intersection Delay [s/veh]	17.83											
Intersection LOS	B											
Intersection V/C	0.573											

Other Modes

g_Walk,mi, Effective Walk Time [s]	11.0	11.0	11.0	28.9
M_corner, Corner Circulation Area [ft²/ped]	0.00	0.00	0.00	0.00
M_CW, Crosswalk Circulation Area [ft²/ped]	0.00	0.00	0.00	0.00
d_p, Pedestrian Delay [s]	34.72	34.72	34.72	20.78
l_p,int, Pedestrian LOS Score for Intersectio	2.721	2.963	1.826	1.997
Crosswalk LOS	B	C	A	A
s_b, Saturation Flow Rate of the bicycle lane	2000	2000	2000	2000
c_b, Capacity of the bicycle lane [bicycles/h]	642	1130	650	650
d_b, Bicycle Delay [s]	20.79	8.54	20.54	20.53
l_b,int, Bicycle LOS Score for Intersection	2.307	2.501	1.812	2.003
Bicycle LOS	B	B	A	B

Sequence

Ring 1	-	2	-	4	-	-	-	-	-	-	-	-	-	-	-	-
Ring 2	6	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Intersection Level Of Service Report
Intersection 82: Greenwood Dr/Bay Rd

Control Type:	Two-way stop	Delay (sec / veh):	14.8
Analysis Method:	HCM 7th Edition	Level Of Service:	B
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.152

Intersection Setup

Name	Greenwood Dr		Bay Rd		Bay Rd	
Approach	Southbound		Eastbound		Westbound	
Lane Configuration						
Turning Movement	Left	Right	Left	Thru	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Entry Pocket	0	0	0	0	0	0
Entry Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00
No. of Lanes in Exit Pocket	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	30.00		30.00		30.00	
Grade [%]	0.00		0.00		0.00	
Crosswalk	Yes		Yes		Yes	

Volumes

Name	Greenwood Dr		Bay Rd		Bay Rd	
Base Volume Input [veh/h]	58	24	12	333	179	18
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0
Total Hourly Volume [veh/h]	58	24	12	333	179	18
Peak Hour Factor	0.8700	0.8700	0.8700	0.8700	0.8700	0.8700
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	17	7	3	96	51	5
Total Analysis Volume [veh/h]	67	28	14	383	206	21
Pedestrian Volume [ped/h]	0		0		0	

Intersection Settings

Priority Scheme	Stop	Free	Free
Flared Lane	No		
Storage Area [veh]	0	0	0
Two-Stage Gap Acceptance	No		
Number of Storage Spaces in Median	0	0	0

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.15	0.03	0.01	0.00	0.00	0.00
d_M, Delay for Movement [s/veh]	14.76	10.97	7.70	0.00	0.00	0.00
Movement LOS	B	B	A	A	A	A
95th-Percentile Queue Length [veh/ln]	0.68	0.68	0.02	0.02	0.00	0.00
95th-Percentile Queue Length [ft/ln]	16.90	16.90	0.59	0.59	0.00	0.00
d_A, Approach Delay [s/veh]	13.65		0.27		0.00	
Approach LOS	B		A		A	
d_I, Intersection Delay [s/veh]	1.95					
Intersection LOS	B					

Intersection Level Of Service Report
Intersection 298: Greenwood Dr/Hedge Rd/Dunsmuir Wy

Control Type:	Two-way stop	Delay (sec / veh):	9.3
Analysis Method:	HCM 7th Edition	Level Of Service:	A
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.051

Intersection Setup

Name	Hedge Rd			Dunsmuir Wy			Greenwood Dr			Greenwood Dr		
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Entry Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Entry Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
No. of Lanes in Exit Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	30.00			30.00			30.00			30.00		
Grade [%]	0.00			0.00			0.00			0.00		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name	Hedge Rd			Dunsmuir Wy			Greenwood Dr			Greenwood Dr		
Base Volume Input [veh/h]	37	0	0	0	0	11	1	13	9	0	53	0
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	37	0	0	0	0	11	1	13	9	0	53	0
Peak Hour Factor	0.8200	0.8200	0.8200	0.8200	0.8200	0.8200	0.8200	0.8200	0.8200	0.8200	0.8200	0.8200
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	11	0	0	0	0	3	0	4	3	0	16	0
Total Analysis Volume [veh/h]	45	0	0	0	0	13	1	16	11	0	65	0
Pedestrian Volume [ped/h]	0			0			0			0		

Intersection Settings

Priority Scheme	Stop	Stop	Free	Free
Flared Lane	No	No		
Storage Area [veh]	0	0	0	0
Two-Stage Gap Acceptance	No	No		
Number of Storage Spaces in Median	0	0	0	0

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.05	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
d_M, Delay for Movement [s/veh]	9.33	9.72	8.63	9.06	9.57	8.65	7.34	0.00	0.00	7.27	0.00	0.00
Movement LOS	A	A	A	A	A	A	A	A	A	A	A	A
95th-Percentile Queue Length [veh/ln]	0.16	0.16	0.16	0.04	0.04	0.04	0.00	0.00	0.00	0.00	0.00	0.00
95th-Percentile Queue Length [ft/ln]	4.06	4.06	4.06	0.99	0.99	0.99	0.05	0.05	0.05	0.00	0.00	0.00
d_A, Approach Delay [s/veh]	9.33			8.65			0.26			0.00		
Approach LOS	A			A			A			A		
d_I, Intersection Delay [s/veh]	3.57											
Intersection LOS	A											

Intersection Level Of Service Report
Intersection 299: Hedge Rd/Sheridan Dr

Control Type:	Two-way stop	Delay (sec / veh):	8.6
Analysis Method:	HCM 7th Edition	Level Of Service:	A
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.008

Intersection Setup

Name	Sheridan Dr		Hedge Rd		Hedge Rd	
Approach	Northbound		Eastbound		Westbound	
Lane Configuration						
Turning Movement	Left	Right	Thru	Right	Left	Thru
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Entry Pocket	0	0	0	0	0	0
Entry Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00
No. of Lanes in Exit Pocket	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	30.00		30.00		30.00	
Grade [%]	0.00		0.00		0.00	
Crosswalk	Yes		Yes		Yes	

Volumes

Name	Sheridan Dr		Hedge Rd		Hedge Rd	
Base Volume Input [veh/h]	5	0	2	2	0	6
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0
Total Hourly Volume [veh/h]	5	0	2	2	0	6
Peak Hour Factor	0.6300	0.6300	0.6300	0.6300	0.6300	0.6300
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	2	0	1	1	0	2
Total Analysis Volume [veh/h]	8	0	3	3	0	10
Pedestrian Volume [ped/h]	0		0		0	

Intersection Settings

Priority Scheme	Stop	Free	Free
Flared Lane	No		
Storage Area [veh]	0	0	0
Two-Stage Gap Acceptance	No		
Number of Storage Spaces in Median	0	0	0

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.01	0.00	0.00	0.00	0.00	0.00
d_M, Delay for Movement [s/veh]	8.61	8.37	0.00	0.00	7.23	0.00
Movement LOS	A	A	A	A	A	A
95th-Percentile Queue Length [veh/ln]	0.02	0.02	0.00	0.00	0.00	0.00
95th-Percentile Queue Length [ft/ln]	0.60	0.60	0.00	0.00	0.00	0.00
d_A, Approach Delay [s/veh]	8.61		0.00		0.00	
Approach LOS	A		A		A	
d_I, Intersection Delay [s/veh]	2.87					
Intersection LOS	A					

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Report File: P:\...\EPM.pdf

Scenario 16 Existing PM
11/14/2024

Intersection Analysis Summary

ID	Intersection Name	Control Type	Method	Worst Mvmt	V/C	Delay (s/veh)	LOS
4	Marsh Rd/Bay Rd	Signalized	HCM 7th Edition	SB Left	0.450	24.0	C
82	Greenwood Dr/Bay Rd	Two-way stop	HCM 7th Edition	SB Left	0.106	14.2	B
298	Greenwood Dr/Hedge Rd/Dunsmuir Wy	Two-way stop	HCM 7th Edition	NB Thru	0.001	9.8	A
299	Hedge Rd/Sheridan Dr	Two-way stop	HCM 7th Edition	NB Left	0.005	8.6	A

V/C, Delay, LOS: For two-way stop, these values are taken from the movement with the worst (highest) delay value. For all other control types, they are taken for the whole intersection.

Intersection Level Of Service Report
Intersection 4: Marsh Rd/Bay Rd

Control Type:	Signalized	Delay (sec / veh):	24.0
Analysis Method:	HCM 7th Edition	Level Of Service:	C
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.450

Intersection Setup

Name	Marsh Road			Marsh Road			Bay Road			Bay Road		
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Entry Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Entry Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
No. of Lanes in Exit Pocket	0	0	1	0	0	0	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	49.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	35.00			35.00			25.00			30.00		
Grade [%]	0.00			0.00			0.00			0.00		
Curb Present	No			No			No			No		
Crosswalk	No			Yes			Yes			No		

Volumes

Name	Marsh Road			Marsh Road			Bay Road			Bay Road		
Base Volume Input [veh/h]	5	532	88	204	760	49	77	44	5	53	21	115
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Proportion of CAVs [%]	0.00											
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Right Turn on Red Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	5	532	88	204	760	49	77	44	5	53	21	115
Peak Hour Factor	0.9500	0.9500	0.9500	0.9500	0.9500	0.9500	0.9500	0.9500	0.9500	0.9500	0.9500	0.9500
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	1	140	23	54	200	13	20	12	1	14	6	30
Total Analysis Volume [veh/h]	5	560	93	215	800	52	81	46	5	56	22	121
Presence of On-Street Parking	No		No	No		No	No		No	No		No
On-Street Parking Maneuver Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
Local Bus Stopping Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
v_do, Outbound Pedestrian Volume crossing	0			6			0			6		
v_di, Inbound Pedestrian Volume crossing m	0			6			0			6		
v_co, Outbound Pedestrian Volume crossing	0			3			3			0		
v_ci, Inbound Pedestrian Volume crossing mi	0			3			3			0		
v_ab, Corner Pedestrian Volume [ped/h]	0			0			0			0		
Bicycle Volume [bicycles/h]	1			1			5			1		

Intersection Settings

Located in CBD	No
Signal Coordination Group	-
Cycle Length [s]	150
Active Pattern	Pattern 1
Coordination Type	Time of Day Pattern Coordinated
Actuation Type	Fully actuated
Offset [s]	4.0
Offset Reference	LagCoordGreen
Permissive Mode	SingleBand
Lost time [s]	4.00

Phasing & Timing

Control Type	Permiss	Permiss	Permiss	Protecte	Permiss	Permiss	Permiss	Permiss	Permiss	Permiss	Permiss	Permiss
Signal Group	2	6	2	5	2	6	4	4	4	8	4	8
Auxiliary Signal Groups												
Lead / Lag	Lag	-	-	Lag	-	-	Lag	-	-	-	-	-
Minimum Green [s]	6	7	6	7	6	7	8	8	8	0	8	0
Maximum Green [s]	40	40	40	30	40	40	30	30	30	0	30	0
Amber [s]	4.1	4.1	4.1	4.1	4.1	4.1	3.7	3.7	3.7	0.0	3.7	0.0
All red [s]	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	1.0	0.0
Split [s]	105	70	105	35	105	70	45	45	45	0	45	0
Vehicle Extension [s]	3.0	3.0	3.0	3.0	3.0	3.0	5.0	5.0	5.0	0.0	5.0	0.0
Walk [s]	0	7	0	0	0	7	7	7	7	0	7	0
Pedestrian Clearance [s]	0	17	0	0	0	17	23	23	23	0	23	0
Delayed Vehicle Green [s]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Rest In Walk		No			No			No			No	
I1, Start-Up Lost Time [s]	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	0.0	2.0	0.0
I2, Clearance Lost Time [s]	0.5	0.5	0.5	1.0	0.5	0.5	0.1	0.1	0.1	0.0	0.1	0.0
Minimum Recall		No		No	No			No			No	
Maximum Recall		No		No	No			No			No	
Pedestrian Recall		No		No	No			No			No	
Detector Location [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Detector Length [ft]	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	0.0	20.0	0.0
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Exclusive Pedestrian Phase

Pedestrian Signal Group	0
Pedestrian Walk [s]	0
Pedestrian Clearance [s]	0

Lane Group Calculations

Lane Group	C	C	L	C	C	C	C
C, Cycle Length [s]	150	150	150	150	150	150	150
L, Total Lost Time per Cycle [s]	2.50	2.50	3.00	2.50	2.50	2.10	2.10
l1_p, Permitted Start-Up Lost Time [s]	2.00	0.00	0.00	0.00	0.00	2.00	2.00
l2, Clearance Lost Time [s]	0.50	0.50	1.00	0.50	0.50	0.10	0.10
g_i, Effective Green Time [s]	92	92	22	117	117	28	28
g / C, Green / Cycle	0.61	0.61	0.15	0.78	0.78	0.19	0.19
(v / s)_i Volume / Saturation Flow Rate	0.19	0.19	0.12	0.23	0.23	0.12	0.13
s, saturation flow rate [veh/h]	1855	1604	1781	1870	1824	1073	1586
c, Capacity [veh/h]	1166	987	262	1463	1427	239	327
d1, Uniform Delay [s]	13.65	13.72	62.04	4.61	4.62	57.23	56.49
k, delay calibration	0.50	0.50	0.17	0.50	0.50	0.23	0.23
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00
d2, Incremental Delay [s]	0.66	0.82	9.79	0.51	0.53	4.19	3.86
d3, Initial Queue Delay [s]	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rp, platoon ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PF, progression factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Lane Group Results

X, volume / capacity	0.30	0.31	0.82	0.29	0.30	0.55	0.61
d, Delay for Lane Group [s/veh]	14.32	14.54	71.83	5.13	5.15	61.42	60.35
Lane Group LOS	B	B	E	A	A	E	E
Critical Lane Group	No	Yes	Yes	No	No	No	Yes
50th-Percentile Queue Length [veh/ln]	5.80	5.14	8.64	3.55	3.48	5.08	7.38
50th-Percentile Queue Length [ft/ln]	145.11	128.39	215.99	88.74	87.10	126.99	184.54
95th-Percentile Queue Length [veh/ln]	9.76	8.85	13.46	6.39	6.27	8.78	11.84
95th-Percentile Queue Length [ft/ln]	243.89	221.31	336.50	159.74	156.78	219.39	295.93

Movement, Approach, & Intersection Results

d_M, Delay for Movement [s/veh]	14.32	14.40	14.54	71.83	5.13	5.15	61.42	61.42	61.42	60.35	60.35	60.35
Movement LOS	B	B	B	E	A	A	E	E	E	E	E	E
d_A, Approach Delay [s/veh]	14.42			18.57			61.42			60.35		
Approach LOS	B			B			E			E		
d_I, Intersection Delay [s/veh]	24.04											
Intersection LOS	C											
Intersection V/C	0.450											

Other Modes

g_Walk,mi, Effective Walk Time [s]	0.0	11.0	99.9	0.0
M_corner, Corner Circulation Area [ft²/ped]	0.00	0.00	0.00	0.00
M_CW, Crosswalk Circulation Area [ft²/ped]	0.00	0.00	0.00	0.00
d_p, Pedestrian Delay [s]	0.00	64.39	8.36	0.00
l_p,int, Pedestrian LOS Score for Intersectio	0.000	2.855	1.750	0.000
Crosswalk LOS	F	C	A	F
s_b, Saturation Flow Rate of the bicycle lane	2000	2000	2000	2000
c_b, Capacity of the bicycle lane [bicycles/h]	866	1332	537	537
d_b, Bicycle Delay [s]	24.14	8.36	40.20	40.12
l_b,int, Bicycle LOS Score for Intersection	2.102	2.440	1.777	1.888
Bicycle LOS	B	B	A	A

Sequence

Ring 1	2	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 2	6	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Intersection Level Of Service Report
Intersection 82: Greenwood Dr/Bay Rd

Control Type:	Two-way stop	Delay (sec / veh):	14.2
Analysis Method:	HCM 7th Edition	Level Of Service:	B
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.106

Intersection Setup

Name	Greenwood Dr		Bay Rd		Bay Rd	
Approach	Southbound		Eastbound		Westbound	
Lane Configuration						
Turning Movement	Left	Right	Left	Thru	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Entry Pocket	0	0	0	0	0	0
Entry Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00
No. of Lanes in Exit Pocket	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	30.00		30.00		30.00	
Grade [%]	0.00		0.00		0.00	
Crosswalk	Yes		Yes		Yes	

Volumes

Name	Greenwood Dr		Bay Rd		Bay Rd	
Base Volume Input [veh/h]	43	9	26	290	190	55
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0
Total Hourly Volume [veh/h]	43	9	26	290	190	55
Peak Hour Factor	0.9100	0.9100	0.9100	0.9100	0.9100	0.9100
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	12	2	7	80	52	15
Total Analysis Volume [veh/h]	47	10	29	319	209	60
Pedestrian Volume [ped/h]	0		0		0	

Intersection Settings

Priority Scheme	Stop	Free	Free
Flared Lane	No		
Storage Area [veh]	0	0	0
Two-Stage Gap Acceptance	No		
Number of Storage Spaces in Median	0	0	0

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.11	0.01	0.02	0.00	0.00	0.00
d_M, Delay for Movement [s/veh]	14.16	10.51	7.81	0.00	0.00	0.00
Movement LOS	B	B	A	A	A	A
95th-Percentile Queue Length [veh/ln]	0.40	0.40	0.05	0.05	0.00	0.00
95th-Percentile Queue Length [ft/ln]	10.05	10.05	1.23	1.23	0.00	0.00
d_A, Approach Delay [s/veh]	13.52		0.65		0.00	
Approach LOS	B		A		A	
d_I, Intersection Delay [s/veh]	1.48					
Intersection LOS	B					

Intersection Level Of Service Report
Intersection 298: Greenwood Dr/Hedge Rd/Dunsmuir Wy

Control Type:	Two-way stop	Delay (sec / veh):	9.8
Analysis Method:	HCM 7th Edition	Level Of Service:	A
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.001

Intersection Setup

Name	Hedge Rd			Dunsmuir Wy			Greenwood Dr			Greenwood Dr		
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Entry Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Entry Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
No. of Lanes in Exit Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	30.00			30.00			30.00			30.00		
Grade [%]	0.00			0.00			0.00			0.00		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name	Hedge Rd			Dunsmuir Wy			Greenwood Dr			Greenwood Dr		
Base Volume Input [veh/h]	18	1	0	1	0	5	7	47	30	1	27	3
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	18	1	0	1	0	5	7	47	30	1	27	3
Peak Hour Factor	0.8800	0.8800	0.8800	0.8800	0.8800	0.8800	0.8800	0.8800	0.8800	0.8800	0.8800	0.8800
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	5	0	0	0	0	1	2	13	9	0	8	1
Total Analysis Volume [veh/h]	20	1	0	1	0	6	8	53	34	1	31	3
Pedestrian Volume [ped/h]	0			0			0			0		

Intersection Settings

Priority Scheme	Stop	Stop	Free	Free
Flared Lane	No	No		
Storage Area [veh]	0	0	0	0
Two-Stage Gap Acceptance	No	No		
Number of Storage Spaces in Median	0	0	0	0

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.02	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00
d_M, Delay for Movement [s/veh]	9.39	9.82	8.74	9.27	9.83	8.48	7.29	0.00	0.00	7.39	0.00	0.00
Movement LOS	A	A	A	A	A	A	A	A	A	A	A	A
95th-Percentile Queue Length [veh/ln]	0.08	0.08	0.08	0.02	0.02	0.02	0.01	0.01	0.01	0.00	0.00	0.00
95th-Percentile Queue Length [ft/ln]	1.93	1.93	1.93	0.52	0.52	0.52	0.36	0.36	0.36	0.04	0.04	0.04
d_A, Approach Delay [s/veh]	9.41			8.60			0.61			0.21		
Approach LOS	A			A			A			A		
d_I, Intersection Delay [s/veh]	2.05											
Intersection LOS	A											

Intersection Level Of Service Report
Intersection 299: Hedge Rd/Sheridan Dr

Control Type:	Two-way stop	Delay (sec / veh):	8.6
Analysis Method:	HCM 7th Edition	Level Of Service:	A
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.005

Intersection Setup

Name	Sheridan Dr		Hedge Rd		Hedge Rd	
Approach	Northbound		Eastbound		Westbound	
Lane Configuration						
Turning Movement	Left	Right	Thru	Right	Left	Thru
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Entry Pocket	0	0	0	0	0	0
Entry Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00
No. of Lanes in Exit Pocket	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	30.00		30.00		30.00	
Grade [%]	0.00		0.00		0.00	
Crosswalk	Yes		Yes		Yes	

Volumes

Name	Sheridan Dr		Hedge Rd		Hedge Rd	
Base Volume Input [veh/h]	4	0	7	3	1	5
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0
Total Hourly Volume [veh/h]	4	0	7	3	1	5
Peak Hour Factor	0.8300	0.8300	0.8300	0.8300	0.8300	0.8300
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	1	0	2	1	0	2
Total Analysis Volume [veh/h]	5	0	8	4	1	6
Pedestrian Volume [ped/h]	0		0		0	

Intersection Settings

Priority Scheme	Stop	Free	Free
Flared Lane	No		
Storage Area [veh]	0	0	0
Two-Stage Gap Acceptance	No		
Number of Storage Spaces in Median	0	0	0

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.01	0.00	0.00	0.00	0.00	0.00
d_M, Delay for Movement [s/veh]	8.62	8.38	0.00	0.00	7.24	0.00
Movement LOS	A	A	A	A	A	A
95th-Percentile Queue Length [veh/ln]	0.02	0.02	0.00	0.00	0.00	0.00
95th-Percentile Queue Length [ft/ln]	0.38	0.38	0.00	0.00	0.04	0.04
d_A, Approach Delay [s/veh]	8.62		0.00		1.03	
Approach LOS	A		A		A	
d_I, Intersection Delay [s/veh]	2.10					
Intersection LOS	A					

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Report File: P:\...\BAM.pdf

Scenario 17 Background AM
11/18/2024

Intersection Analysis Summary

ID	Intersection Name	Control Type	Method	Worst Mvmt	V/C	Delay (s/veh)	LOS
4	Marsh Rd/Bay Rd	Signalized	HCM 7th Edition	SB Left	0.657	21.4	C
82	Greenwood Dr/Bay Rd	Two-way stop	HCM 7th Edition	SB Left	0.160	15.4	C
298	Greenwood Dr/Hedge Rd/Dunsmuir Wy	Two-way stop	HCM 7th Edition	NB Left	0.051	9.3	A
299	Hedge Rd/Sheridan Dr	Two-way stop	HCM 7th Edition	NB Left	0.008	8.6	A

V/C, Delay, LOS: For two-way stop, these values are taken from the movement with the worst (highest) delay value. For all other control types, they are taken for the whole intersection.

Intersection Level Of Service Report
Intersection 4: Marsh Rd/Bay Rd

Control Type:	Signalized	Delay (sec / veh):	21.4
Analysis Method:	HCM 7th Edition	Level Of Service:	C
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.657

Intersection Setup

Name	Marsh Road			Marsh Road			Bay Road			Bay Road		
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Entry Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Entry Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
No. of Lanes in Exit Pocket	0	0	1	0	0	0	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	49.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	35.00			35.00			25.00			30.00		
Grade [%]	0.00			0.00			0.00			0.00		
Curb Present	No			No			No			No		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name	Marsh Road			Marsh Road			Bay Road			Bay Road		
Base Volume Input [veh/h]	1	797	83	272	799	97	148	45	2	56	25	204
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Proportion of CAVs [%]	0.00											
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Right Turn on Red Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	1	797	83	272	799	97	148	45	2	56	25	204
Peak Hour Factor	0.9600	0.9600	0.9600	0.9600	0.9600	0.9600	0.9600	0.9600	0.9600	0.9600	0.9600	0.9600
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	0	208	22	71	208	25	39	12	1	15	7	53
Total Analysis Volume [veh/h]	1	830	86	283	832	101	154	47	2	58	26	213
Presence of On-Street Parking	No		No	No		No	No		No	No		No
On-Street Parking Maneuver Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
Local Bus Stopping Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
v_do, Outbound Pedestrian Volume crossing	0			5			0			5		
v_di, Inbound Pedestrian Volume crossing m	0			5			0			5		
v_co, Outbound Pedestrian Volume crossing	1			1			1			1		
v_ci, Inbound Pedestrian Volume crossing mi	1			1			1			1		
v_ab, Corner Pedestrian Volume [ped/h]	0			0			0			0		
Bicycle Volume [bicycles/h]	1			2			3			2		

Intersection Settings

Located in CBD	No
Signal Coordination Group	-
Cycle Length [s]	90
Active Pattern	Pattern 1
Coordination Type	Time of Day Pattern Coordinated
Actuation Type	Fully actuated
Offset [s]	8.0
Offset Reference	LagCoordGreen
Permissive Mode	SingleBand
Lost time [s]	4.00

Phasing & Timing

Control Type	Permiss	Permiss	Permiss	Protecte	Permiss	Permiss	Permiss	Permiss	Permiss	Permiss	Permiss	Permiss
Signal Group	2	6	2	5	2	6	4	4	4	8	4	8
Auxiliary Signal Groups												
Lead / Lag	Lag	-	-	Lag	-	-	Lag	-	-	-	-	-
Minimum Green [s]	6	7	6	7	6	7	8	8	8	0	8	0
Maximum Green [s]	40	40	40	30	40	40	30	30	30	0	30	0
Amber [s]	4.1	4.1	4.1	4.1	4.1	4.1	3.7	3.7	3.7	0.0	3.7	0.0
All red [s]	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	1.0	0.0
Split [s]	56	34	56	22	56	34	34	34	34	0	34	0
Vehicle Extension [s]	3.0	3.0	3.0	3.0	3.0	3.0	5.0	5.0	5.0	0.0	5.0	0.0
Walk [s]	7	0	7	0	7	0	7	7	7	0	7	0
Pedestrian Clearance [s]	17	0	17	0	17	0	23	23	23	0	23	0
Delayed Vehicle Green [s]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Rest In Walk		No			No			No			No	
I1, Start-Up Lost Time [s]	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	0.0	2.0	0.0
I2, Clearance Lost Time [s]	0.5	0.5	0.5	1.0	0.5	0.5	0.1	0.1	0.1	0.0	0.1	0.0
Minimum Recall		No		No	No			No			No	
Maximum Recall		No		No	No			No			No	
Pedestrian Recall		No		No	No			No			No	
Detector Location [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Detector Length [ft]	0.0	0.0	0.0	0.0	0.0	0.0	20.0	20.0	20.0	0.0	20.0	0.0
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Exclusive Pedestrian Phase

Pedestrian Signal Group	0
Pedestrian Walk [s]	0
Pedestrian Clearance [s]	0

Lane Group Calculations

Lane Group	C	C	L	C	C	C	C
C, Cycle Length [s]	90	90	90	90	90	90	90
L, Total Lost Time per Cycle [s]	2.50	2.50	3.00	2.50	2.50	2.10	2.10
l1_p, Permitted Start-Up Lost Time [s]	2.00	0.00	0.00	0.00	0.00	2.00	2.00
l2, Clearance Lost Time [s]	0.50	0.50	1.00	0.50	0.50	0.10	0.10
g_i, Effective Green Time [s]	38	38	18	58	58	27	27
g / C, Green / Cycle	0.42	0.42	0.20	0.65	0.65	0.30	0.30
(v / s)_i Volume / Saturation Flow Rate	0.26	0.26	0.16	0.25	0.26	0.21	0.18
s, saturation flow rate [veh/h]	1869	1635	1781	1870	1790	984	1677
c, Capacity [veh/h]	819	681	354	1213	1161	366	551
d1, Uniform Delay [s]	20.74	20.79	34.38	7.45	7.47	29.19	26.86
k, delay calibration	0.50	0.50	0.11	0.50	0.50	0.29	0.25
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00
d2, Incremental Delay [s]	3.19	4.38	4.19	0.95	1.01	3.55	1.87
d3, Initial Queue Delay [s]	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rp, platoon ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PF, progression factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Lane Group Results

X, volume / capacity	0.60	0.63	0.80	0.39	0.39	0.55	0.54
d, Delay for Lane Group [s/veh]	23.93	25.17	38.57	8.40	8.48	32.73	28.73
Lane Group LOS	C	C	D	A	A	C	C
Critical Lane Group	No	Yes	Yes	No	No	Yes	No
50th-Percentile Queue Length [veh/ln]	8.29	7.50	6.11	3.93	3.81	4.35	5.57
50th-Percentile Queue Length [ft/ln]	207.25	187.42	152.79	98.13	95.31	108.75	139.15
95th-Percentile Queue Length [veh/ln]	13.01	11.99	10.17	7.07	6.86	7.77	9.43
95th-Percentile Queue Length [ft/ln]	325.30	299.68	254.14	176.64	171.56	194.26	235.87

Movement, Approach, & Intersection Results

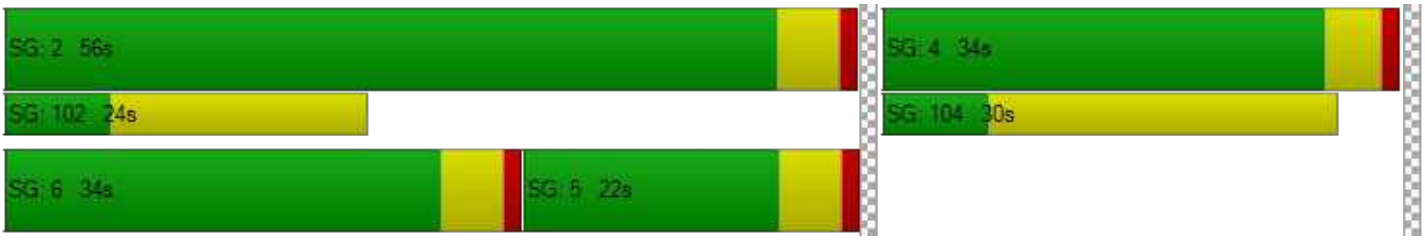
d_M, Delay for Movement [s/veh]	23.93	24.44	25.17	38.57	8.44	8.48	32.73	32.73	32.73	28.73	28.73	28.73
Movement LOS	C	C	C	D	A	A	C	C	C	C	C	C
d_A, Approach Delay [s/veh]	24.51			15.45			32.73			28.73		
Approach LOS	C			B			C			C		
d_I, Intersection Delay [s/veh]	21.44											
Intersection LOS	C											
Intersection V/C	0.657											

Other Modes

g_Walk,mi, Effective Walk Time [s]	11.0	11.0	11.0	28.9
M_corner, Corner Circulation Area [ft²/ped]	0.00	0.00	0.00	0.00
M_CW, Crosswalk Circulation Area [ft²/ped]	0.00	0.00	0.00	0.00
d_p, Pedestrian Delay [s]	34.70	34.70	34.70	20.76
l_p,int, Pedestrian LOS Score for Intersectio	2.728	3.067	1.850	2.041
Crosswalk LOS	B	C	A	B
s_b, Saturation Flow Rate of the bicycle lane	2000	2000	2000	2000
c_b, Capacity of the bicycle lane [bicycles/h]	642	1131	651	651
d_b, Bicycle Delay [s]	20.77	8.52	20.52	20.51
l_b,int, Bicycle LOS Score for Intersection	2.316	2.563	1.895	2.050
Bicycle LOS	B	B	A	B

Sequence

Ring 1	-	2	-	4	-	-	-	-	-	-	-	-	-	-	-	-
Ring 2	6	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Intersection Level Of Service Report
Intersection 82: Greenwood Dr/Bay Rd

Control Type:	Two-way stop	Delay (sec / veh):	15.4
Analysis Method:	HCM 7th Edition	Level Of Service:	C
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.160

Intersection Setup

Name	Greenwood Dr		Bay Rd		Bay Rd	
Approach	Southbound		Eastbound		Westbound	
Lane Configuration						
Turning Movement	Left	Right	Left	Thru	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Entry Pocket	0	0	0	0	0	0
Entry Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00
No. of Lanes in Exit Pocket	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	30.00		30.00		30.00	
Grade [%]	0.00		0.00		0.00	
Crosswalk	Yes		Yes		Yes	

Volumes

Name	Greenwood Dr		Bay Rd		Bay Rd	
Base Volume Input [veh/h]	58	24	12	355	191	18
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0
Total Hourly Volume [veh/h]	58	24	12	355	191	18
Peak Hour Factor	0.8700	0.8700	0.8700	0.8700	0.8700	0.8700
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	17	7	3	102	55	5
Total Analysis Volume [veh/h]	67	28	14	408	220	21
Pedestrian Volume [ped/h]	0		0		0	

Intersection Settings

Priority Scheme	Stop	Free	Free
Flared Lane	No		
Storage Area [veh]	0	0	0
Two-Stage Gap Acceptance	No		
Number of Storage Spaces in Median	0	0	0

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.16	0.03	0.01	0.00	0.00	0.00
d_M, Delay for Movement [s/veh]	15.38	11.23	7.73	0.00	0.00	0.00
Movement LOS	C	B	A	A	A	A
95th-Percentile Queue Length [veh/ln]	0.72	0.72	0.02	0.02	0.00	0.00
95th-Percentile Queue Length [ft/ln]	17.88	17.88	0.59	0.59	0.00	0.00
d_A, Approach Delay [s/veh]	14.16		0.26		0.00	
Approach LOS	B		A		A	
d_I, Intersection Delay [s/veh]	1.92					
Intersection LOS	C					

Intersection Level Of Service Report
Intersection 298: Greenwood Dr/Hedge Rd/Dunsmuir Wy

Control Type:	Two-way stop	Delay (sec / veh):	9.3
Analysis Method:	HCM 7th Edition	Level Of Service:	A
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.051

Intersection Setup

Name	Hedge Rd			Dunsmuir Wy			Greenwood Dr			Greenwood Dr		
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Entry Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Entry Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
No. of Lanes in Exit Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	30.00			30.00			30.00			30.00		
Grade [%]	0.00			0.00			0.00			0.00		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name	Hedge Rd			Dunsmuir Wy			Greenwood Dr			Greenwood Dr		
Base Volume Input [veh/h]	37	0	0	0	0	11	1	13	9	0	53	0
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	37	0	0	0	0	11	1	13	9	0	53	0
Peak Hour Factor	0.8200	0.8200	0.8200	0.8200	0.8200	0.8200	0.8200	0.8200	0.8200	0.8200	0.8200	0.8200
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	11	0	0	0	0	3	0	4	3	0	16	0
Total Analysis Volume [veh/h]	45	0	0	0	0	13	1	16	11	0	65	0
Pedestrian Volume [ped/h]	0			0			0			0		

Intersection Settings

Priority Scheme	Stop	Stop	Free	Free
Flared Lane	No	No		
Storage Area [veh]	0	0	0	0
Two-Stage Gap Acceptance	No	No		
Number of Storage Spaces in Median	0	0	0	0

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.05	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
d_M, Delay for Movement [s/veh]	9.33	9.72	8.63	9.06	9.57	8.65	7.34	0.00	0.00	7.27	0.00	0.00
Movement LOS	A	A	A	A	A	A	A	A	A	A	A	A
95th-Percentile Queue Length [veh/ln]	0.16	0.16	0.16	0.04	0.04	0.04	0.00	0.00	0.00	0.00	0.00	0.00
95th-Percentile Queue Length [ft/ln]	4.06	4.06	4.06	0.99	0.99	0.99	0.05	0.05	0.05	0.00	0.00	0.00
d_A, Approach Delay [s/veh]	9.33			8.65			0.26			0.00		
Approach LOS	A			A			A			A		
d_I, Intersection Delay [s/veh]	3.57											
Intersection LOS	A											

Intersection Level Of Service Report
Intersection 299: Hedge Rd/Sheridan Dr

Control Type:	Two-way stop	Delay (sec / veh):	8.6
Analysis Method:	HCM 7th Edition	Level Of Service:	A
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.008

Intersection Setup

Name	Sheridan Dr		Hedge Rd		Hedge Rd	
Approach	Northbound		Eastbound		Westbound	
Lane Configuration						
Turning Movement	Left	Right	Thru	Right	Left	Thru
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Entry Pocket	0	0	0	0	0	0
Entry Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00
No. of Lanes in Exit Pocket	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	30.00		30.00		30.00	
Grade [%]	0.00		0.00		0.00	
Crosswalk	Yes		Yes		Yes	

Volumes

Name	Sheridan Dr		Hedge Rd		Hedge Rd	
Base Volume Input [veh/h]	5	0	2	2	0	6
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0
Total Hourly Volume [veh/h]	5	0	2	2	0	6
Peak Hour Factor	0.6300	0.6300	0.6300	0.6300	0.6300	0.6300
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	2	0	1	1	0	2
Total Analysis Volume [veh/h]	8	0	3	3	0	10
Pedestrian Volume [ped/h]	0		0		0	

Intersection Settings

Priority Scheme	Stop	Free	Free
Flared Lane	No		
Storage Area [veh]	0	0	0
Two-Stage Gap Acceptance	No		
Number of Storage Spaces in Median	0	0	0

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.01	0.00	0.00	0.00	0.00	0.00
d_M, Delay for Movement [s/veh]	8.61	8.37	0.00	0.00	7.23	0.00
Movement LOS	A	A	A	A	A	A
95th-Percentile Queue Length [veh/ln]	0.02	0.02	0.00	0.00	0.00	0.00
95th-Percentile Queue Length [ft/ln]	0.60	0.60	0.00	0.00	0.00	0.00
d_A, Approach Delay [s/veh]	8.61		0.00		0.00	
Approach LOS	A		A		A	
d_I, Intersection Delay [s/veh]	2.87					
Intersection LOS	A					

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Report File: P:\...\BPM.pdf

Scenario 17 Background PM
11/18/2024

Intersection Analysis Summary

ID	Intersection Name	Control Type	Method	Worst Mvmt	V/C	Delay (s/veh)	LOS
4	Marsh Rd/Bay Rd	Signalized	HCM 7th Edition	SB Left	0.513	27.8	C
82	Greenwood Dr/Bay Rd	Two-way stop	HCM 7th Edition	SB Left	0.107	14.2	B
298	Greenwood Dr/Hedge Rd/Dunsmuir Wy	Two-way stop	HCM 7th Edition	NB Thru	0.001	9.8	A
299	Hedge Rd/Sheridan Dr	Two-way stop	HCM 7th Edition	NB Left	0.005	8.6	A

V/C, Delay, LOS: For two-way stop, these values are taken from the movement with the worst (highest) delay value. For all other control types, they are taken for the whole intersection.

Intersection Level Of Service Report
Intersection 4: Marsh Rd/Bay Rd

Control Type:	Signalized	Delay (sec / veh):	27.8
Analysis Method:	HCM 7th Edition	Level Of Service:	C
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.513

Intersection Setup

Name	Marsh Road			Marsh Road			Bay Road			Bay Road		
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Entry Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Entry Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
No. of Lanes in Exit Pocket	0	0	1	0	0	0	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	49.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	35.00			35.00			25.00			30.00		
Grade [%]	0.00			0.00			0.00			0.00		
Curb Present	No			No			No			No		
Crosswalk	No			Yes			Yes			No		

Volumes

Name	Marsh Road			Marsh Road			Bay Road			Bay Road		
Base Volume Input [veh/h]	5	537	92	225	794	82	93	46	5	53	24	185
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Proportion of CAVs [%]	0.00											
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Right Turn on Red Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	5	537	92	225	794	82	93	46	5	53	24	185
Peak Hour Factor	0.9500	0.9500	0.9500	0.9500	0.9500	0.9500	0.9500	0.9500	0.9500	0.9500	0.9500	0.9500
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	1	141	24	59	209	22	24	12	1	14	6	49
Total Analysis Volume [veh/h]	5	565	97	237	836	86	98	48	5	56	25	195
Presence of On-Street Parking	No		No	No		No	No		No	No		No
On-Street Parking Maneuver Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
Local Bus Stopping Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
v_do, Outbound Pedestrian Volume crossing	0			6			0			6		
v_di, Inbound Pedestrian Volume crossing m	0			6			0			6		
v_co, Outbound Pedestrian Volume crossing	0			3			3			0		
v_ci, Inbound Pedestrian Volume crossing mi	0			3			3			0		
v_ab, Corner Pedestrian Volume [ped/h]	0			0			0			0		
Bicycle Volume [bicycles/h]	1			1			5			1		

Intersection Settings

Located in CBD	No
Signal Coordination Group	-
Cycle Length [s]	150
Active Pattern	Pattern 1
Coordination Type	Time of Day Pattern Coordinated
Actuation Type	Fully actuated
Offset [s]	4.0
Offset Reference	LagCoordGreen
Permissive Mode	SingleBand
Lost time [s]	4.00

Phasing & Timing

Control Type	Permiss	Permiss	Permiss	Protecte	Permiss	Permiss	Permiss	Permiss	Permiss	Permiss	Permiss	Permiss
Signal Group	2	6	2	5	2	6	4	4	4	8	4	8
Auxiliary Signal Groups												
Lead / Lag	Lag	-	-	Lag	-	-	Lag	-	-	-	-	-
Minimum Green [s]	6	7	6	7	6	7	8	8	8	0	8	0
Maximum Green [s]	40	40	40	30	40	40	30	30	30	0	30	0
Amber [s]	4.1	4.1	4.1	4.1	4.1	4.1	3.7	3.7	3.7	0.0	3.7	0.0
All red [s]	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	1.0	0.0
Split [s]	105	70	105	35	105	70	45	45	45	0	45	0
Vehicle Extension [s]	3.0	3.0	3.0	3.0	3.0	3.0	5.0	5.0	5.0	0.0	5.0	0.0
Walk [s]	0	7	0	0	0	7	7	7	7	0	7	0
Pedestrian Clearance [s]	0	17	0	0	0	17	23	23	23	0	23	0
Delayed Vehicle Green [s]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Rest In Walk		No			No			No			No	
I1, Start-Up Lost Time [s]	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	0.0	2.0	0.0
I2, Clearance Lost Time [s]	0.5	0.5	0.5	1.0	0.5	0.5	0.1	0.1	0.1	0.0	0.1	0.0
Minimum Recall		No		No	No			No			No	
Maximum Recall		No		No	No			No			No	
Pedestrian Recall		No		No	No			No			No	
Detector Location [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Detector Length [ft]	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	0.0	20.0	0.0
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Exclusive Pedestrian Phase

Pedestrian Signal Group	0
Pedestrian Walk [s]	0
Pedestrian Clearance [s]	0

Lane Group Calculations

Lane Group	C	C	L	C	C	C	C
C, Cycle Length [s]	150	150	150	150	150	150	150
L, Total Lost Time per Cycle [s]	2.50	2.50	3.00	2.50	2.50	2.10	2.10
l1_p, Permitted Start-Up Lost Time [s]	2.00	0.00	0.00	0.00	0.00	2.00	2.00
l2, Clearance Lost Time [s]	0.50	0.50	1.00	0.50	0.50	0.10	0.10
g_i, Effective Green Time [s]	83	83	24	110	110	35	35
g / C, Green / Cycle	0.56	0.56	0.16	0.74	0.74	0.23	0.23
(v / s)_i Volume / Saturation Flow Rate	0.19	0.19	0.13	0.25	0.25	0.17	0.17
s, saturation flow rate [veh/h]	1853	1601	1781	1870	1800	878	1654
c, Capacity [veh/h]	1056	892	283	1376	1324	245	415
d1, Uniform Delay [s]	18.18	18.27	61.16	6.99	7.00	55.07	52.79
k, delay calibration	0.50	0.50	0.22	0.50	0.50	0.31	0.30
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00
d2, Incremental Delay [s]	0.86	1.08	12.40	0.67	0.71	6.95	4.90
d3, Initial Queue Delay [s]	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rp, platoon ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PF, progression factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Lane Group Results

X, volume / capacity	0.34	0.35	0.84	0.34	0.34	0.62	0.66
d, Delay for Lane Group [s/veh]	19.04	19.35	73.56	7.66	7.71	62.02	57.69
Lane Group LOS	B	B	E	A	A	E	E
Critical Lane Group	No	Yes	Yes	No	No	Yes	No
50th-Percentile Queue Length [veh/ln]	7.01	6.20	9.70	5.20	5.06	6.02	10.16
50th-Percentile Queue Length [ft/ln]	175.17	154.97	242.47	129.96	126.43	150.43	254.09
95th-Percentile Queue Length [veh/ln]	11.35	10.28	14.81	8.94	8.75	10.04	15.39
95th-Percentile Queue Length [ft/ln]	283.69	257.05	370.16	223.43	218.63	251.00	384.80

Movement, Approach, & Intersection Results

d_M, Delay for Movement [s/veh]	19.04	19.16	19.35	73.56	7.68	7.71	62.02	62.02	62.02	57.69	57.69	57.69
Movement LOS	B	B	B	E	A	A	E	E	E	E	E	E
d_A, Approach Delay [s/veh]	19.18			21.15			62.02			57.69		
Approach LOS	B			C			E			E		
d_I, Intersection Delay [s/veh]	27.79											
Intersection LOS	C											
Intersection V/C	0.513											

Other Modes

g_Walk,mi, Effective Walk Time [s]	0.0	11.0	99.9	0.0
M_corner, Corner Circulation Area [ft²/ped]	0.00	0.00	0.00	0.00
M_CW, Crosswalk Circulation Area [ft²/ped]	0.00	0.00	0.00	0.00
d_p, Pedestrian Delay [s]	0.00	64.37	8.35	0.00
l_p,int, Pedestrian LOS Score for Intersectio	0.000	2.922	1.773	0.000
Crosswalk LOS	F	C	A	F
s_b, Saturation Flow Rate of the bicycle lane	2000	2000	2000	2000
c_b, Capacity of the bicycle lane [bicycles/h]	866	1333	538	538
d_b, Bicycle Delay [s]	24.12	8.35	40.18	40.10
l_b,int, Bicycle LOS Score for Intersection	2.110	2.516	1.809	2.015
Bicycle LOS	B	B	A	B

Sequence

Ring 1	2	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 2	6	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Intersection Level Of Service Report
Intersection 82: Greenwood Dr/Bay Rd

Control Type:	Two-way stop	Delay (sec / veh):	14.2
Analysis Method:	HCM 7th Edition	Level Of Service:	B
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.107

Intersection Setup

Name	Greenwood Dr		Bay Rd		Bay Rd	
Approach	Southbound		Eastbound		Westbound	
Lane Configuration						
Turning Movement	Left	Right	Left	Thru	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Entry Pocket	0	0	0	0	0	0
Entry Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00
No. of Lanes in Exit Pocket	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	30.00		30.00		30.00	
Grade [%]	0.00		0.00		0.00	
Crosswalk	Yes		Yes		Yes	

Volumes

Name	Greenwood Dr		Bay Rd		Bay Rd	
Base Volume Input [veh/h]	43	9	26	292	191	55
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0
Total Hourly Volume [veh/h]	43	9	26	292	191	55
Peak Hour Factor	0.9100	0.9100	0.9100	0.9100	0.9100	0.9100
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	12	2	7	80	52	15
Total Analysis Volume [veh/h]	47	10	29	321	210	60
Pedestrian Volume [ped/h]	0		0		0	

Intersection Settings

Priority Scheme	Stop	Free	Free
Flared Lane	No		
Storage Area [veh]	0	0	0
Two-Stage Gap Acceptance	No		
Number of Storage Spaces in Median	0	0	0

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.11	0.01	0.02	0.00	0.00	0.00
d_M, Delay for Movement [s/veh]	14.20	10.53	7.82	0.00	0.00	0.00
Movement LOS	B	B	A	A	A	A
95th-Percentile Queue Length [veh/ln]	0.40	0.40	0.05	0.05	0.00	0.00
95th-Percentile Queue Length [ft/ln]	10.09	10.09	1.23	1.23	0.00	0.00
d_A, Approach Delay [s/veh]	13.56		0.65		0.00	
Approach LOS	B		A		A	
d_I, Intersection Delay [s/veh]	1.48					
Intersection LOS	B					

Intersection Level Of Service Report
Intersection 298: Greenwood Dr/Hedge Rd/Dunsmuir Wy

Control Type:	Two-way stop	Delay (sec / veh):	9.8
Analysis Method:	HCM 7th Edition	Level Of Service:	A
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.001

Intersection Setup

Name	Hedge Rd			Dunsmuir Wy			Greenwood Dr			Greenwood Dr		
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Entry Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Entry Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
No. of Lanes in Exit Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	30.00			30.00			30.00			30.00		
Grade [%]	0.00			0.00			0.00			0.00		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name	Hedge Rd			Dunsmuir Wy			Greenwood Dr			Greenwood Dr		
Base Volume Input [veh/h]	18	1	0	1	0	5	7	47	30	1	27	3
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	18	1	0	1	0	5	7	47	30	1	27	3
Peak Hour Factor	0.8800	0.8800	0.8800	0.8800	0.8800	0.8800	0.8800	0.8800	0.8800	0.8800	0.8800	0.8800
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	5	0	0	0	0	1	2	13	9	0	8	1
Total Analysis Volume [veh/h]	20	1	0	1	0	6	8	53	34	1	31	3
Pedestrian Volume [ped/h]	0			0			0			0		

Intersection Settings

Priority Scheme	Stop	Stop	Free	Free
Flared Lane	No	No		
Storage Area [veh]	0	0	0	0
Two-Stage Gap Acceptance	No	No		
Number of Storage Spaces in Median	0	0	0	0

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.02	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00
d_M, Delay for Movement [s/veh]	9.39	9.82	8.74	9.27	9.83	8.48	7.29	0.00	0.00	7.39	0.00	0.00
Movement LOS	A	A	A	A	A	A	A	A	A	A	A	A
95th-Percentile Queue Length [veh/ln]	0.08	0.08	0.08	0.02	0.02	0.02	0.01	0.01	0.01	0.00	0.00	0.00
95th-Percentile Queue Length [ft/ln]	1.93	1.93	1.93	0.52	0.52	0.52	0.36	0.36	0.36	0.04	0.04	0.04
d_A, Approach Delay [s/veh]	9.41			8.60			0.61			0.21		
Approach LOS	A			A			A			A		
d_I, Intersection Delay [s/veh]	2.05											
Intersection LOS	A											

Intersection Level Of Service Report
Intersection 299: Hedge Rd/Sheridan Dr

Control Type:	Two-way stop	Delay (sec / veh):	8.6
Analysis Method:	HCM 7th Edition	Level Of Service:	A
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.005

Intersection Setup

Name	Sheridan Dr		Hedge Rd		Hedge Rd	
Approach	Northbound		Eastbound		Westbound	
Lane Configuration						
Turning Movement	Left	Right	Thru	Right	Left	Thru
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Entry Pocket	0	0	0	0	0	0
Entry Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00
No. of Lanes in Exit Pocket	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	30.00		30.00		30.00	
Grade [%]	0.00		0.00		0.00	
Crosswalk	Yes		Yes		Yes	

Volumes

Name	Sheridan Dr		Hedge Rd		Hedge Rd	
Base Volume Input [veh/h]	4	0	7	3	1	5
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0
Total Hourly Volume [veh/h]	4	0	7	3	1	5
Peak Hour Factor	0.8300	0.8300	0.8300	0.8300	0.8300	0.8300
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	1	0	2	1	0	2
Total Analysis Volume [veh/h]	5	0	8	4	1	6
Pedestrian Volume [ped/h]	0		0		0	

Intersection Settings

Priority Scheme	Stop	Free	Free
Flared Lane	No		
Storage Area [veh]	0	0	0
Two-Stage Gap Acceptance	No		
Number of Storage Spaces in Median	0	0	0

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.01	0.00	0.00	0.00	0.00	0.00
d_M, Delay for Movement [s/veh]	8.62	8.38	0.00	0.00	7.24	0.00
Movement LOS	A	A	A	A	A	A
95th-Percentile Queue Length [veh/ln]	0.02	0.02	0.00	0.00	0.00	0.00
95th-Percentile Queue Length [ft/ln]	0.38	0.38	0.00	0.00	0.04	0.04
d_A, Approach Delay [s/veh]	8.62		0.00		1.03	
Approach LOS	A		A		A	
d_I, Intersection Delay [s/veh]	2.10					
Intersection LOS	A					

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Report File: P:\...\BPAM.pdf

Scenario 18 Background Plus Project AM
11/22/2024

Intersection Analysis Summary

ID	Intersection Name	Control Type	Method	Worst Mvmt	V/C	Delay (s/veh)	LOS
4	Marsh Rd/Bay Rd	Signalized	HCM 7th Edition	SB Left	0.667	22.0	C
82	Greenwood Dr/Bay Rd	Two-way stop	HCM 7th Edition	SB Left	0.210	16.5	C
298	Greenwood Dr/Hedge Rd/Dunsmuir Wy	Two-way stop	HCM 7th Edition	NB Left	0.096	9.6	A
299	Hedge Rd/Sheridan Dr	Two-way stop	HCM 7th Edition	NB Left	0.058	8.9	A

V/C, Delay, LOS: For two-way stop, these values are taken from the movement with the worst (highest) delay value. For all other control types, they are taken for the whole intersection.

Intersection Level Of Service Report
Intersection 4: Marsh Rd/Bay Rd

Control Type:	Signalized	Delay (sec / veh):	22.0
Analysis Method:	HCM 7th Edition	Level Of Service:	C
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.667

Intersection Setup

Name	Marsh Road			Marsh Road			Bay Road			Bay Road		
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Entry Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Entry Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
No. of Lanes in Exit Pocket	0	0	1	0	0	0	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	49.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	35.00			35.00			25.00			30.00		
Grade [%]	0.00			0.00			0.00			0.00		
Curb Present	No			No			No			No		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name	Marsh Road			Marsh Road			Bay Road			Bay Road		
Base Volume Input [veh/h]	1	797	83	278	799	97	148	45	2	57	25	218
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Proportion of CAVs [%]	0.00											
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Right Turn on Red Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	1	797	83	278	799	97	148	45	2	57	25	218
Peak Hour Factor	0.9600	0.9600	0.9600	0.9600	0.9600	0.9600	0.9600	0.9600	0.9600	0.9600	0.9600	0.9600
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	0	208	22	72	208	25	39	12	1	15	7	57
Total Analysis Volume [veh/h]	1	830	86	290	832	101	154	47	2	59	26	227
Presence of On-Street Parking	No		No	No		No	No		No	No		No
On-Street Parking Maneuver Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
Local Bus Stopping Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
v_do, Outbound Pedestrian Volume crossing	0			5			0			5		
v_di, Inbound Pedestrian Volume crossing m	0			5			0			5		
v_co, Outbound Pedestrian Volume crossing	1			1			1			1		
v_ci, Inbound Pedestrian Volume crossing mi	1			1			1			1		
v_ab, Corner Pedestrian Volume [ped/h]	0			0			0			0		
Bicycle Volume [bicycles/h]	1			2			3			2		

Intersection Settings

Located in CBD	No
Signal Coordination Group	-
Cycle Length [s]	90
Active Pattern	Pattern 1
Coordination Type	Time of Day Pattern Coordinated
Actuation Type	Fully actuated
Offset [s]	8.0
Offset Reference	LagCoordGreen
Permissive Mode	SingleBand
Lost time [s]	4.00

Phasing & Timing

Control Type	Permiss	Permiss	Permiss	Protecte	Permiss	Permiss	Permiss	Permiss	Permiss	Permiss	Permiss	Permiss
Signal Group	2	6	2	5	2	6	4	4	4	8	4	8
Auxiliary Signal Groups												
Lead / Lag	Lag	-	-	Lag	-	-	Lag	-	-	-	-	-
Minimum Green [s]	6	7	6	7	6	7	8	8	8	0	8	0
Maximum Green [s]	40	40	40	30	40	40	30	30	30	0	30	0
Amber [s]	4.1	4.1	4.1	4.1	4.1	4.1	3.7	3.7	3.7	0.0	3.7	0.0
All red [s]	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	1.0	0.0
Split [s]	56	34	56	22	56	34	34	34	34	0	34	0
Vehicle Extension [s]	3.0	3.0	3.0	3.0	3.0	3.0	5.0	5.0	5.0	0.0	5.0	0.0
Walk [s]	7	0	7	0	7	0	7	7	7	0	7	0
Pedestrian Clearance [s]	17	0	17	0	17	0	23	23	23	0	23	0
Delayed Vehicle Green [s]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Rest In Walk		No			No			No			No	
I1, Start-Up Lost Time [s]	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	0.0	2.0	0.0
I2, Clearance Lost Time [s]	0.5	0.5	0.5	1.0	0.5	0.5	0.1	0.1	0.1	0.0	0.1	0.0
Minimum Recall		No		No	No			No			No	
Maximum Recall		No		No	No			No			No	
Pedestrian Recall		No		No	No			No			No	
Detector Location [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Detector Length [ft]	0.0	0.0	0.0	0.0	0.0	0.0	20.0	20.0	20.0	0.0	20.0	0.0
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Exclusive Pedestrian Phase

Pedestrian Signal Group	0
Pedestrian Walk [s]	0
Pedestrian Clearance [s]	0

Lane Group Calculations

Lane Group	C	C	L	C	C	C	C
C, Cycle Length [s]	90	90	90	90	90	90	90
L, Total Lost Time per Cycle [s]	2.50	2.50	3.00	2.50	2.50	2.10	2.10
l1_p, Permitted Start-Up Lost Time [s]	2.00	0.00	0.00	0.00	0.00	2.00	2.00
l2, Clearance Lost Time [s]	0.50	0.50	1.00	0.50	0.50	0.10	0.10
g_i, Effective Green Time [s]	37	37	18	58	58	28	28
g / C, Green / Cycle	0.41	0.41	0.20	0.64	0.64	0.31	0.31
(v / s)_i Volume / Saturation Flow Rate	0.26	0.26	0.16	0.25	0.26	0.21	0.19
s, saturation flow rate [veh/h]	1869	1635	1781	1870	1790	958	1680
c, Capacity [veh/h]	801	666	360	1202	1150	364	562
d1, Uniform Delay [s]	21.42	21.46	34.24	7.70	7.73	29.00	26.70
k, delay calibration	0.50	0.50	0.11	0.50	0.50	0.30	0.26
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00
d2, Incremental Delay [s]	3.43	4.76	4.25	0.97	1.03	3.73	2.07
d3, Initial Queue Delay [s]	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rp, platoon ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PF, progression factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Lane Group Results

X, volume / capacity	0.61	0.64	0.80	0.40	0.40	0.56	0.56
d, Delay for Lane Group [s/veh]	24.85	26.23	38.49	8.68	8.76	32.73	28.77
Lane Group LOS	C	C	D	A	A	C	C
Critical Lane Group	No	Yes	Yes	No	No	Yes	No
50th-Percentile Queue Length [veh/ln]	8.48	7.68	6.26	4.02	3.91	4.37	5.87
50th-Percentile Queue Length [ft/ln]	212.08	192.09	156.56	100.54	97.66	109.26	146.81
95th-Percentile Queue Length [veh/ln]	13.26	12.23	10.37	7.24	7.03	7.80	9.85
95th-Percentile Queue Length [ft/ln]	331.50	305.74	259.16	180.97	175.80	194.97	246.17

Movement, Approach, & Intersection Results

d_M, Delay for Movement [s/veh]	24.85	25.42	26.23	38.49	8.71	8.76	32.73	32.73	32.73	28.77	28.77	28.77
Movement LOS	C	C	C	D	A	A	C	C	C	C	C	C
d_A, Approach Delay [s/veh]	25.50			15.78			32.73			28.77		
Approach LOS	C			B			C			C		
d_I, Intersection Delay [s/veh]	21.96											
Intersection LOS	C											
Intersection V/C	0.667											

Other Modes

g_Walk,mi, Effective Walk Time [s]	11.0	11.0	11.0	28.9
M_corner, Corner Circulation Area [ft²/ped]	0.00	0.00	0.00	0.00
M_CW, Crosswalk Circulation Area [ft²/ped]	0.00	0.00	0.00	0.00
d_p, Pedestrian Delay [s]	34.70	34.70	34.70	20.76
l_p,int, Pedestrian LOS Score for Intersectio	2.729	3.072	1.850	2.052
Crosswalk LOS	B	C	A	B
s_b, Saturation Flow Rate of the bicycle lane	2000	2000	2000	2000
c_b, Capacity of the bicycle lane [bicycles/h]	642	1131	651	651
d_b, Bicycle Delay [s]	20.77	8.52	20.52	20.51
l_b,int, Bicycle LOS Score for Intersection	2.316	2.569	1.895	2.074
Bicycle LOS	B	B	A	B

Sequence

Ring 1	-	2	-	4	-	-	-	-	-	-	-	-	-	-	-	-
Ring 2	6	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Intersection Level Of Service Report
Intersection 82: Greenwood Dr/Bay Rd

Control Type:	Two-way stop	Delay (sec / veh):	16.5
Analysis Method:	HCM 7th Edition	Level Of Service:	C
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.210

Intersection Setup

Name	Greenwood Dr		Bay Rd		Bay Rd	
Approach	Southbound		Eastbound		Westbound	
Lane Configuration						
Turning Movement	Left	Right	Left	Thru	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Entry Pocket	0	0	0	0	0	0
Entry Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00
No. of Lanes in Exit Pocket	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	30.00		30.00		30.00	
Grade [%]	0.00		0.00		0.00	
Crosswalk	Yes		Yes		Yes	

Volumes

Name	Greenwood Dr		Bay Rd		Bay Rd	
Base Volume Input [veh/h]	74	39	18	355	191	25
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0
Total Hourly Volume [veh/h]	74	39	18	355	191	25
Peak Hour Factor	0.8700	0.8700	0.8700	0.8700	0.8700	0.8700
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	21	11	5	102	55	7
Total Analysis Volume [veh/h]	85	45	21	408	220	29
Pedestrian Volume [ped/h]	0		0		0	

Intersection Settings

Priority Scheme	Stop	Free	Free
Flared Lane	No		
Storage Area [veh]	0	0	0
Two-Stage Gap Acceptance	No		
Number of Storage Spaces in Median	0	0	0

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.21	0.06	0.02	0.00	0.00	0.00
d_M, Delay for Movement [s/veh]	16.52	12.11	7.76	0.00	0.00	0.00
Movement LOS	C	B	A	A	A	A
95th-Percentile Queue Length [veh/ln]	1.06	1.06	0.04	0.04	0.00	0.00
95th-Percentile Queue Length [ft/ln]	26.49	26.49	0.89	0.89	0.00	0.00
d_A, Approach Delay [s/veh]	14.99		0.38		0.00	
Approach LOS	B		A		A	
d_I, Intersection Delay [s/veh]	2.61					
Intersection LOS	C					

Intersection Level Of Service Report
Intersection 298: Greenwood Dr/Hedge Rd/Dunsmuir Wy

Control Type:	Two-way stop	Delay (sec / veh):	9.6
Analysis Method:	HCM 7th Edition	Level Of Service:	A
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.096

Intersection Setup

Name	Hedge Rd			Dunsmuir Wy			Greenwood Dr			Greenwood Dr		
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Entry Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Entry Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
No. of Lanes in Exit Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	30.00			30.00			30.00			30.00		
Grade [%]	0.00			0.00			0.00			0.00		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name	Hedge Rd			Dunsmuir Wy			Greenwood Dr			Greenwood Dr		
Base Volume Input [veh/h]	68	0	0	0	0	11	1	13	22	0	53	0
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	68	0	0	0	0	11	1	13	22	0	53	0
Peak Hour Factor	0.8200	0.8200	0.8200	0.8200	0.8200	0.8200	0.8200	0.8200	0.8200	0.8200	0.8200	0.8200
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	21	0	0	0	0	3	0	4	7	0	16	0
Total Analysis Volume [veh/h]	83	0	0	0	0	13	1	16	27	0	65	0
Pedestrian Volume [ped/h]	0			0			0			0		

Intersection Settings

Priority Scheme	Stop	Stop	Free	Free
Flared Lane	No	No		
Storage Area [veh]	0	0	0	0
Two-Stage Gap Acceptance	No	No		
Number of Storage Spaces in Median	0	0	0	0

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.10	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
d_M, Delay for Movement [s/veh]	9.60	9.98	8.89	9.11	9.67	8.65	7.34	0.00	0.00	7.30	0.00	0.00
Movement LOS	A	A	A	A	A	A	A	A	A	A	A	A
95th-Percentile Queue Length [veh/ln]	0.32	0.32	0.32	0.04	0.04	0.04	0.00	0.00	0.00	0.00	0.00	0.00
95th-Percentile Queue Length [ft/ln]	7.93	7.93	7.93	0.99	0.99	0.99	0.05	0.05	0.05	0.00	0.00	0.00
d_A, Approach Delay [s/veh]	9.60			8.65			0.17			0.00		
Approach LOS	A			A			A			A		
d_I, Intersection Delay [s/veh]	4.47											
Intersection LOS	A											

Intersection Level Of Service Report
Intersection 299: Hedge Rd/Sheridan Dr

Control Type:	Two-way stop	Delay (sec / veh):	8.9
Analysis Method:	HCM 7th Edition	Level Of Service:	A
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.058

Intersection Setup

Name	Sheridan Dr		Hedge Rd		Hedge Rd	
Approach	Northbound		Eastbound		Westbound	
Lane Configuration						
Turning Movement	Left	Right	Thru	Right	Left	Thru
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Entry Pocket	0	0	0	0	0	0
Entry Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00
No. of Lanes in Exit Pocket	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	30.00		30.00		30.00	
Grade [%]	0.00		0.00		0.00	
Crosswalk	Yes		Yes		Yes	

Volumes

Name	Sheridan Dr		Hedge Rd		Hedge Rd	
Base Volume Input [veh/h]	36	0	2	15	0	6
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0
Total Hourly Volume [veh/h]	36	0	2	15	0	6
Peak Hour Factor	0.6300	0.6300	0.6300	0.6300	0.6300	0.6300
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	14	0	1	6	0	2
Total Analysis Volume [veh/h]	57	0	3	24	0	10
Pedestrian Volume [ped/h]	0		0		0	

Intersection Settings

Priority Scheme	Stop	Free	Free
Flared Lane	No		
Storage Area [veh]	0	0	0
Two-Stage Gap Acceptance	No		
Number of Storage Spaces in Median	0	0	0

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.06	0.00	0.00	0.00	0.00	0.00
d_M, Delay for Movement [s/veh]	8.86	8.60	0.00	0.00	7.27	0.00
Movement LOS	A	A	A	A	A	A
95th-Percentile Queue Length [veh/ln]	0.18	0.18	0.00	0.00	0.00	0.00
95th-Percentile Queue Length [ft/ln]	4.57	4.57	0.00	0.00	0.00	0.00
d_A, Approach Delay [s/veh]	8.86		0.00		0.00	
Approach LOS	A		A		A	
d_I, Intersection Delay [s/veh]	5.37					
Intersection LOS	A					

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Report File: P:\...\BPPM.pdf

Scenario 18 Background Plus Project PM
11/22/2024

Intersection Analysis Summary

ID	Intersection Name	Control Type	Method	Worst Mvmt	V/C	Delay (s/veh)	LOS
4	Marsh Rd/Bay Rd	Signalized	HCM 7th Edition	SB Left	0.523	28.5	C
82	Greenwood Dr/Bay Rd	Two-way stop	HCM 7th Edition	SB Left	0.135	15.1	C
298	Greenwood Dr/Hedge Rd/Dunsmuir Wy	Two-way stop	HCM 7th Edition	NB Thru	0.001	10.0	B
299	Hedge Rd/Sheridan Dr	Two-way stop	HCM 7th Edition	NB Left	0.024	8.8	A

V/C, Delay, LOS: For two-way stop, these values are taken from the movement with the worst (highest) delay value. For all other control types, they are taken for the whole intersection.

Intersection Level Of Service Report
Intersection 4: Marsh Rd/Bay Rd

Control Type:	Signalized	Delay (sec / veh):	28.5
Analysis Method:	HCM 7th Edition	Level Of Service:	C
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.523

Intersection Setup

Name	Marsh Road			Marsh Road			Bay Road			Bay Road		
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Entry Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Entry Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
No. of Lanes in Exit Pocket	0	0	1	0	0	0	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	49.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	35.00			35.00			25.00			30.00		
Grade [%]	0.00			0.00			0.00			0.00		
Curb Present	No			No			No			No		
Crosswalk	No			Yes			Yes			No		

Volumes

Name	Marsh Road			Marsh Road			Bay Road			Bay Road		
Base Volume Input [veh/h]	5	537	93	236	794	82	93	46	5	54	24	192
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Proportion of CAVs [%]	0.00											
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Right Turn on Red Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	5	537	93	236	794	82	93	46	5	54	24	192
Peak Hour Factor	0.9500	0.9500	0.9500	0.9500	0.9500	0.9500	0.9500	0.9500	0.9500	0.9500	0.9500	0.9500
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	1	141	24	62	209	22	24	12	1	14	6	51
Total Analysis Volume [veh/h]	5	565	98	248	836	86	98	48	5	57	25	202
Presence of On-Street Parking	No		No	No		No	No		No	No		No
On-Street Parking Maneuver Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
Local Bus Stopping Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
v_do, Outbound Pedestrian Volume crossing	0			6			0			6		
v_di, Inbound Pedestrian Volume crossing m	0			6			0			6		
v_co, Outbound Pedestrian Volume crossing	0			3			3			0		
v_ci, Inbound Pedestrian Volume crossing mi	0			3			3			0		
v_ab, Corner Pedestrian Volume [ped/h]	0			0			0			0		
Bicycle Volume [bicycles/h]	1			1			5			1		

Intersection Settings

Located in CBD	No
Signal Coordination Group	-
Cycle Length [s]	150
Active Pattern	Pattern 1
Coordination Type	Time of Day Pattern Coordinated
Actuation Type	Fully actuated
Offset [s]	4.0
Offset Reference	LagCoordGreen
Permissive Mode	SingleBand
Lost time [s]	4.00

Phasing & Timing

Control Type	Permiss	Permiss	Permiss	Protecte	Permiss	Permiss	Permiss	Permiss	Permiss	Permiss	Permiss	Permiss
Signal Group	2	6	2	5	2	6	4	4	4	8	4	8
Auxiliary Signal Groups												
Lead / Lag	Lag	-	-	Lag	-	-	Lag	-	-	-	-	-
Minimum Green [s]	6	7	6	7	6	7	8	8	8	0	8	0
Maximum Green [s]	40	40	40	30	40	40	30	30	30	0	30	0
Amber [s]	4.1	4.1	4.1	4.1	4.1	4.1	3.7	3.7	3.7	0.0	3.7	0.0
All red [s]	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	1.0	0.0
Split [s]	105	70	105	35	105	70	45	45	45	0	45	0
Vehicle Extension [s]	3.0	3.0	3.0	3.0	3.0	3.0	5.0	5.0	5.0	0.0	5.0	0.0
Walk [s]	0	7	0	0	0	7	7	7	7	0	7	0
Pedestrian Clearance [s]	0	17	0	0	0	17	23	23	23	0	23	0
Delayed Vehicle Green [s]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Rest In Walk		No			No			No			No	
I1, Start-Up Lost Time [s]	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	0.0	2.0	0.0
I2, Clearance Lost Time [s]	0.5	0.5	0.5	1.0	0.5	0.5	0.1	0.1	0.1	0.0	0.1	0.0
Minimum Recall		No		No	No			No			No	
Maximum Recall		No		No	No			No			No	
Pedestrian Recall		No		No	No			No			No	
Detector Location [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Detector Length [ft]	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	0.0	20.0	0.0
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Exclusive Pedestrian Phase

Pedestrian Signal Group	0
Pedestrian Walk [s]	0
Pedestrian Clearance [s]	0

Lane Group Calculations

Lane Group	C	C	L	C	C	C	C
C, Cycle Length [s]	150	150	150	150	150	150	150
L, Total Lost Time per Cycle [s]	2.50	2.50	3.00	2.50	2.50	2.10	2.10
l1_p, Permitted Start-Up Lost Time [s]	2.00	0.00	0.00	0.00	0.00	2.00	2.00
l2, Clearance Lost Time [s]	0.50	0.50	1.00	0.50	0.50	0.10	0.10
g_i, Effective Green Time [s]	82	82	25	110	110	36	36
g / C, Green / Cycle	0.55	0.55	0.16	0.73	0.73	0.24	0.24
(v / s)_i Volume / Saturation Flow Rate	0.19	0.19	0.14	0.25	0.25	0.17	0.17
s, saturation flow rate [veh/h]	1853	1600	1781	1870	1800	864	1656
c, Capacity [veh/h]	1039	876	293	1369	1318	245	421
d1, Uniform Delay [s]	18.96	19.06	60.73	7.17	7.18	54.79	52.61
k, delay calibration	0.50	0.50	0.24	0.50	0.50	0.31	0.30
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00
d2, Incremental Delay [s]	0.90	1.13	13.65	0.68	0.72	7.10	5.19
d3, Initial Queue Delay [s]	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rp, platoon ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PF, progression factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Lane Group Results

X, volume / capacity	0.34	0.36	0.85	0.34	0.34	0.62	0.67
d, Delay for Lane Group [s/veh]	19.87	20.19	74.38	7.85	7.90	61.89	57.80
Lane Group LOS	B	C	E	A	A	E	E
Critical Lane Group	No	Yes	Yes	No	No	Yes	No
50th-Percentile Queue Length [veh/ln]	7.20	6.37	10.24	5.29	5.14	6.03	10.49
50th-Percentile Queue Length [ft/ln]	179.98	159.17	255.92	132.18	128.61	150.68	262.27
95th-Percentile Queue Length [veh/ln]	11.60	10.51	15.48	9.06	8.86	10.05	15.80
95th-Percentile Queue Length [ft/ln]	289.98	262.63	387.09	226.45	221.61	251.34	395.07

Movement, Approach, & Intersection Results

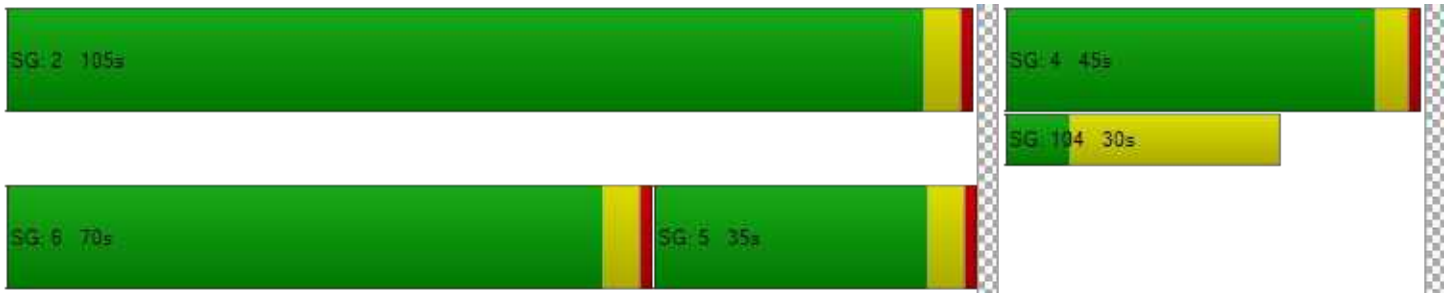
d_M, Delay for Movement [s/veh]	19.87	19.99	20.19	74.38	7.87	7.90	61.89	61.89	61.89	57.80	57.80	57.80
Movement LOS	B	B	C	E	A	A	E	E	E	E	E	E
d_A, Approach Delay [s/veh]	20.02			21.97			61.89			57.80		
Approach LOS	C			C			E			E		
d_I, Intersection Delay [s/veh]	28.53											
Intersection LOS	C											
Intersection V/C	0.523											

Other Modes

g_Walk,mi, Effective Walk Time [s]	0.0	11.0	99.9	0.0
M_corner, Corner Circulation Area [ft²/ped]	0.00	0.00	0.00	0.00
M_CW, Crosswalk Circulation Area [ft²/ped]	0.00	0.00	0.00	0.00
d_p, Pedestrian Delay [s]	0.00	64.37	8.35	0.00
l_p,int, Pedestrian LOS Score for Intersectio	0.000	2.927	1.773	0.000
Crosswalk LOS	F	C	A	F
s_b, Saturation Flow Rate of the bicycle lane	2000	2000	2000	2000
c_b, Capacity of the bicycle lane [bicycles/h]	866	1333	538	538
d_b, Bicycle Delay [s]	24.12	8.35	40.18	40.10
l_b,int, Bicycle LOS Score for Intersection	2.111	2.525	1.809	2.028
Bicycle LOS	B	B	A	B

Sequence

Ring 1	2	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 2	6	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Intersection Level Of Service Report
Intersection 82: Greenwood Dr/Bay Rd

Control Type:	Two-way stop	Delay (sec / veh):	15.1
Analysis Method:	HCM 7th Edition	Level Of Service:	C
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.135

Intersection Setup

Name	Greenwood Dr		Bay Rd		Bay Rd	
Approach	Southbound		Eastbound		Westbound	
Lane Configuration						
Turning Movement	Left	Right	Left	Thru	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Entry Pocket	0	0	0	0	0	0
Entry Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00
No. of Lanes in Exit Pocket	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	30.00		30.00		30.00	
Grade [%]	0.00		0.00		0.00	
Crosswalk	Yes		Yes		Yes	

Volumes

Name	Greenwood Dr		Bay Rd		Bay Rd	
Base Volume Input [veh/h]	51	17	38	292	191	67
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0
Total Hourly Volume [veh/h]	51	17	38	292	191	67
Peak Hour Factor	0.9100	0.9100	0.9100	0.9100	0.9100	0.9100
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	14	5	10	80	52	18
Total Analysis Volume [veh/h]	56	19	42	321	210	74
Pedestrian Volume [ped/h]	0		0		0	

Intersection Settings

Priority Scheme	Stop	Free	Free
Flared Lane	No		
Storage Area [veh]	0	0	0
Two-Stage Gap Acceptance	No		
Number of Storage Spaces in Median	0	0	0

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.13	0.02	0.03	0.00	0.00	0.00
d_M, Delay for Movement [s/veh]	15.10	10.98	7.86	0.00	0.00	0.00
Movement LOS	C	B	A	A	A	A
95th-Percentile Queue Length [veh/ln]	0.56	0.56	0.07	0.07	0.00	0.00
95th-Percentile Queue Length [ft/ln]	14.00	14.00	1.79	1.79	0.00	0.00
d_A, Approach Delay [s/veh]	14.06		0.91		0.00	
Approach LOS	B		A		A	
d_I, Intersection Delay [s/veh]	1.92					
Intersection LOS	C					

Intersection Level Of Service Report
Intersection 298: Greenwood Dr/Hedge Rd/Dunsmuir Wy

Control Type:	Two-way stop	Delay (sec / veh):	10.0
Analysis Method:	HCM 7th Edition	Level Of Service:	B
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.001

Intersection Setup

Name	Hedge Rd			Dunsmuir Wy			Greenwood Dr			Greenwood Dr		
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Entry Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Entry Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
No. of Lanes in Exit Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	30.00			30.00			30.00			30.00		
Grade [%]	0.00			0.00			0.00			0.00		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name	Hedge Rd			Dunsmuir Wy			Greenwood Dr			Greenwood Dr		
Base Volume Input [veh/h]	34	1	0	1	0	5	7	47	54	1	27	3
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	34	1	0	1	0	5	7	47	54	1	27	3
Peak Hour Factor	0.8800	0.8800	0.8800	0.8800	0.8800	0.8800	0.8800	0.8800	0.8800	0.8800	0.8800	0.8800
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	10	0	0	0	0	1	2	13	15	0	8	1
Total Analysis Volume [veh/h]	39	1	0	1	0	6	8	53	61	1	31	3
Pedestrian Volume [ped/h]	0			0			0			0		

Intersection Settings

Priority Scheme	Stop	Stop	Free	Free
Flared Lane	No	No		
Storage Area [veh]	0	0	0	0
Two-Stage Gap Acceptance	No	No		
Number of Storage Spaces in Median	0	0	0	0

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.05	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00
d_M, Delay for Movement [s/veh]	9.59	10.02	8.91	9.36	10.00	8.48	7.29	0.00	0.00	7.44	0.00	0.00
Movement LOS	A	B	A	A	B	A	A	A	A	A	A	A
95th-Percentile Queue Length [veh/ln]	0.15	0.15	0.15	0.02	0.02	0.02	0.01	0.01	0.01	0.00	0.00	0.00
95th-Percentile Queue Length [ft/ln]	3.83	3.83	3.83	0.53	0.53	0.53	0.37	0.37	0.37	0.04	0.04	0.04
d_A, Approach Delay [s/veh]	9.60			8.61			0.48			0.21		
Approach LOS	A			A			A			A		
d_I, Intersection Delay [s/veh]	2.50											
Intersection LOS	B											

Intersection Level Of Service Report
Intersection 299: Hedge Rd/Sheridan Dr

Control Type:	Two-way stop	Delay (sec / veh):	8.8
Analysis Method:	HCM 7th Edition	Level Of Service:	A
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.024

Intersection Setup

Name	Sheridan Dr		Hedge Rd		Hedge Rd	
Approach	Northbound		Eastbound		Westbound	
Lane Configuration						
Turning Movement	Left	Right	Thru	Right	Left	Thru
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Entry Pocket	0	0	0	0	0	0
Entry Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00
No. of Lanes in Exit Pocket	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	30.00		30.00		30.00	
Grade [%]	0.00		0.00		0.00	
Crosswalk	Yes		Yes		Yes	

Volumes

Name	Sheridan Dr		Hedge Rd		Hedge Rd	
Base Volume Input [veh/h]	20	0	7	27	1	5
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0
Total Hourly Volume [veh/h]	20	0	7	27	1	5
Peak Hour Factor	0.8300	0.8300	0.8300	0.8300	0.8300	0.8300
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	6	0	2	8	0	2
Total Analysis Volume [veh/h]	24	0	8	33	1	6
Pedestrian Volume [ped/h]	0		0		0	

Intersection Settings

Priority Scheme	Stop	Free	Free
Flared Lane	No		
Storage Area [veh]	0	0	0
Two-Stage Gap Acceptance	No		
Number of Storage Spaces in Median	0	0	0

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.02	0.00	0.00	0.00	0.00	0.00
d_M, Delay for Movement [s/veh]	8.76	8.51	0.00	0.00	7.30	0.00
Movement LOS	A	A	A	A	A	A
95th-Percentile Queue Length [veh/ln]	0.08	0.08	0.00	0.00	0.00	0.00
95th-Percentile Queue Length [ft/ln]	1.88	1.88	0.00	0.00	0.04	0.04
d_A, Approach Delay [s/veh]	8.76		0.00		1.04	
Approach LOS	A		A		A	
d_I, Intersection Delay [s/veh]	3.02					
Intersection LOS	A					

320 SHERIDAN DRIVE CONSTRUCTION EMISSIONS AND HEALTH RISK ASSESSMENT

Menlo Park, California

April 3, 2024
Revised December 5, 2024

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I&R Project#: 24-017

Introduction

The purpose of this report is to address construction air quality and health risk impacts associated with the proposed multi-family development located at 320 Sheridan Drive in Menlo Park, California. Air quality impacts from this project would be associated with demolition and the construction of the new apartments. Air pollutants associated with construction of the project were estimated using appropriate computer models. In addition, the potential project health risks and the impacts of existing toxic air contaminant (TAC) sources affecting nearby sensitive receptors were evaluated. The analysis was conducted following guidance provided by the Bay Area Air Quality Management District (BAAQMD).[1] For informational purposes, this report also provides analysis of TAC sources on future project residents.

Project Description

The 2.5-acre project site currently contains concrete pads leftover from its prior use as a school site. The project proposes to demolish the existing concrete pads to construct a three-story, 88-unit, 72,528 square-foot affordable housing building. A parking lot will also be constructed that will provide 120 parking spaces.

Setting

The project is located in San Mateo County, which is in the San Francisco Bay Area Air Basin. Ambient air quality standards have been established at both the State and federal level. The Bay Area meets all ambient air quality standards with the exception of ground-level ozone, respirable particulate matter (PM_{10}), and fine particulate matter ($PM_{2.5}$).

Air Pollutants of Concern

High ozone concentrations in the air basin are caused by the cumulative emissions of reactive organic gases (ROG) and nitrogen oxides (NO_X). These precursor pollutants react under certain meteorological conditions to form ozone concentrations. Controlling the emissions of these precursor pollutants is the focus of the Bay Area's attempts to reduce ambient ozone concentrations. The highest ozone concentrations in the Bay Area occur in the eastern and southern inland valleys that are downwind of air pollutant sources. High ozone concentrations aggravate respiratory and cardiovascular diseases, reduced lung function, and increase coughing and chest discomfort.

Particulate matter is another problematic air pollutant in the air basin. Particulate matter is assessed and measured in terms of respirable particulate matter or particles that have a diameter of 10 micrometers or less (PM_{10}) and fine particulate matter where particles have a diameter of 2.5 micrometers or less ($PM_{2.5}$). Elevated concentrations of PM_{10} and $PM_{2.5}$ are the result of both region-wide (or cumulative) emissions and localized emissions. High particulate matter concentrations aggravate respiratory and cardiovascular diseases, reduce lung function, increase mortality (e.g., lung cancer), and result in reduced lung function growth in children.

[1] Bay Area Air Quality Management District, *2022 CEQA Guidelines*, April 2023

Toxic Air Contaminants

TACs are a broad class of compounds known to cause morbidity or mortality, often because they cause cancer. TACs are found in ambient air, especially in urban areas, and are caused by industry, agriculture, fuel combustion, and commercial operations (e.g., dry cleaners). TACs are typically found in low concentrations, even near their source (e.g., diesel particulate matter [DPM] near a freeway). Because chronic exposure of TACs can result in adverse health effects, they are regulated at the regional, State, and federal level.

Diesel exhaust is the predominant TAC in urban air and is estimated to represent about three-quarters of the cancer risk from TACs (based on the Bay Area average). According to the California Air Resources Board (CARB), diesel exhaust is a complex mixture of gases, vapors, and fine particles. This complexity makes the evaluation of health effects from diesel exhaust exposure a complex scientific issue. Some of the chemicals in diesel exhaust, such as benzene and formaldehyde, have been previously identified as TACs by the CARB, and are listed as carcinogens either under the State's Proposition 65 or under the Federal Hazardous Air Pollutants programs. Health risks from TACs are estimated using the Office of Environmental Health Hazard Assessment (OEHHA) risk assessment guidelines, which were published in February of 2015 and incorporated in BAAQMD's current CEQA guidance.[2]

Sensitive Receptors

There are groups of people more affected by air pollution than others. CARB has identified the following persons who are most likely to be affected by air pollution: children under 16, people over 65, athletes, and people with cardiovascular and chronic respiratory diseases. These groups are classified as sensitive receptors. Locations that may contain a high concentration of these sensitive population groups include residential areas, hospitals, daycare facilities, elder care facilities, and elementary schools. For cancer risk assessments, infants and small children are the most sensitive receptors, since they are more susceptible to cancer causing TACs. Residential locations are assumed to include infants and small children. The closest sensitive receptors to the project site are the single- and multi-family residences adjacent to the southeast and northwest. Additionally, there would be children at the Belle Haven Home Daycare located 800 feet to the east. This project would introduce new sensitive receptors (i.e., residents) to the area.

Bay Area Air Quality Management District (BAAQMD)

BAAQMD has jurisdiction over an approximately 5,600-square mile area, commonly referred to as the San Francisco Bay Area (Bay Area). The District's boundary encompasses the nine San Francisco Bay Area counties, including Alameda County, Contra Costa County, Marin County, San Francisco County, San Mateo County, Santa Clara County, Napa County, southwestern Solano County, and southern Sonoma County.

[2] OEHHA, 2015. *Air Toxics Hot Spots Program Risk Assessment Guidelines, The Air Toxics Hot Spots Program Guidance Manual for Preparation of Health Risk Assessments*. Office of Environmental Health Hazard Assessment. February.

BAAQMD is the lead agency in developing plans to address attainment and maintenance of the National Ambient Air Quality Standards and California Ambient Air Quality Standards. The District also has permit authority over most types of stationary equipment utilized for the proposed project. The BAAQMD is responsible for permitting and inspection of stationary sources; enforcement of regulations, including setting fees, levying fines, and enforcement actions; and ensuring that public nuisances are minimized.

BAAQMD's Community Air Risk Evaluation (CARE) program was initiated in 2004 to evaluate and reduce health risks associated with exposures to outdoor TACs in the Bay Area.[3] The program examines TAC emissions from point sources, area sources, and on-road and off-road mobile sources with an emphasis on diesel exhaust, which is a major contributor to airborne health risk in California. The CARE program is an on-going program that encourages community involvement and input. The technical analysis portion of the CARE program has been implemented in three phases that includes an assessment of the sources of TAC emissions, modeling and measurement programs to estimate concentrations of TAC, and an assessment of exposures and health risks. Throughout the program, information derived from the technical analyses has been used to develop emission reduction activities in areas with high TAC exposures and high density of sensitive populations. Risk reduction activities associated with the CARE program are focused on the most at-risk communities in the Bay Area. Seven areas have been identified by BAAQMD as impacted communities. They include Eastern San Francisco, Richmond/San Pablo, Western Alameda, San José, Vallejo, Concord, and Pittsburgh/Antioch. The project site is not within the CARE area.

Overburdened communities are areas located (i) within a census tract identified by the California Communities Environmental Health Screening Tool (CalEnviroScreen), Version 4.0 implemented by OEHHA, as having an overall score at or above the 70th percentile, or (ii) within 1,000 feet of any such census tract.[4] The BAAQMD has identified several overburdened areas within its boundaries. The project site is not within an overburdened area as the Project site is scored at the 5th percentile on CalEnviroScreen.[5] The project site also is not within 1,000 feet of a census tract that scores at or above the 70th percentile.

BAAQMD CEQA Air Quality Guidelines

In June 2010, BAAQMD adopted thresholds of significance to assist in the review of projects under CEQA. In 2023, the BAAQMD revised the *California Environmental Quality Act* (*CEQA) Air Quality Guidelines* that include significance thresholds to assist in the evaluation of air quality impacts of projects and plans proposed within the Bay Area. The current BAAQMD guidelines provide recommended procedures for evaluating potential air impacts during the environmental review process consistent with CEQA requirements including thresholds of significance, mitigation measures, and background air quality information. They include

[3] See BAAQMD: https://www.baaqmd.gov/community-health/community-health-protection-program/community-air-risk-evaluation-care-program.
[4] See BAAQMD: https://www.baaqmd.gov/~/media/dotgov/files/rules/reg-2-permits/2021-amendments/documents/20210722_01_appendixd_mapsofoverburdenedcommunities-pdf.pdf?la=en.
[5] OEHAA, CalEnviroScreen 4.0 Maps https://experience.arcgis.com/experience/11d2f52282a54ceebcac7428e6184203/page/CalEnviroScreen-4_0/

assessment methodologies for criteria air pollutants and air toxics emissions as shown in Table 1.[6] Air quality impacts and health risks are considered potentially significant if they exceed these thresholds.

Table 1. BAAQMD CEQA Significance Thresholds

Criteria Air Pollutant	**Construction Thresholds**			
	Average Daily Emissions (lbs./day)			
ROG	54			
NO_x	54			
PM_{10}	82 (Exhaust)			
$PM_{2.5}$	54 (Exhaust)			
CO	Not Applicable			
Fugitive Dust (PM_{10}/$PM_{2.5}$)	Best Management Practices (BMPs)*			
Health Risks and Hazards	**Single Sources/ Individual Project**		**Combined Sources (Cumulative from all sources within 1000-foot zone of influence)**	
Excess Cancer Risk	>10 in a million	OR Compliance with Qualified Community Risk Reduction Plan	>100 in a million	OR Compliance with Qualified Community Risk Reduction Plan
Hazard Index	>1.0		>10.0	
Incremental annual $PM_{2.5}$	>0.3 µg/m^3		>0.8 µg/m^3	
Note: ROG = reactive organic gases, NOx = nitrogen oxides, PM_{10} = course particulate matter or particulates with an aerodynamic diameter of 10 micrometers (µm) or less, $PM_{2.5}$ = fine particulate matter or particulates with an aerodynamic diameter of 2.5µm or less. * BAAQMD strongly recommends implementing all feasible fugitive dust management practices especially when construction projects are located near sensitive communities, including schools, residential areas, or other sensitive land uses.				

Source: Bay Area Air Quality Management District, 2022

The BAAQMD recommends all projects include a "basic" set of best management practices (BMPs) to manage fugitive dust and consider impacts from dust (i.e., fugitive PM_{10} and $PM_{2.5}$) to be less than significant if BMPs are implemented (listed below). BAAQMD strongly encourages enhanced BMPs for construction sites near schools, residential areas, other sensitive land uses, or if air quality impacts were found to be significant.

City of Menlo Park General Plan

The City of Menlo Park General Plan, adopted November 29, 2016, includes goals, policies, and programs to reduce exposure of the City's sensitive population to exposure of air pollution and toxic air contaminants or TACs. The following goals, policies, and programs are applicable to the proposed project and this assessment:

[6] Bay Area Air Quality Management District, 2023. *2022 CEQA Guidelines*. April.

Land Use Element

Goal LU-7 Promote the implementation and maintenance of sustainable development, facilities, and services to meet the needs of Menlo Park's residents, businesses, workers, and visitors.

Applicable Policies – Land Use Element

Policy LU-7.9 **Green Building.** Support sustainability and green building best practices through the orientation, design, and placement of buildings and facilities to optimize their energy efficiency in preparation of State zero-net energy requirements for residential construction in 2020 and commercial construction in 2030.

Applicable Programs – Land Use Element

Policy LU-7.A **Green Building Operation and Maintenance**. Employ green building and operation and maintenance best practices, including increased energy efficiency, use of renewable energy and reclaimed water, and install drought-tolerant landscaping for all projects.

Policy LU-7.D **Performance Standards**. Establish performance standards in the Zoning Ordinance that requires new development to employ environmentally friendly technology and design to conserve energy and water and minimize the generation of indoor and outdoor pollutants.

Policy LU-7.E **Greenhouse Gas Emissions**. Develop a Greenhouse Gas (GHG) standard for development projects that would help reduce communitywide GHG emissions to meet City and Statewide reduction goals.

Circulation Element

Goal CIRC-3 Increase mobility options to reduce traffic congestion, greenhouse gas emissions, and commute travel time.

Goal CIRC-5 Support local and regional transit that is efficient, frequent, convenient, and safe.

Goal CIRC-6 Provide a range of transportation choices for the Menlo Park community.

Goal CIRC-7 Utilize innovative strategies to provide efficient and adequate vehicle parking.

Applicable Policies – Circulation Element

Policy CIRC-3.1 **Vehicle-Miles Traveled**. Support development and transportation improvements that help reduce per service population (or other efficiency metric) vehicle miles traveled.

Policy CIRC-5.7 **New Development.** Ensure that new nonresidential, mixed-use, and multiple-dwelling residential development provides associated needed transit service, improvements and amenities in proportion with demand attributable to the type and scale of the proposed development.

Policy CIRC-7.1 **Parking and New Development.** Ensure new development provides appropriate parking ratios, including application of appropriate minimum and/or maximum ratios, unbundling, shared parking, electric car charging, car sharing, and Green Trip Certified strategies to accommodate residents, employees, customers and visitors.

Applicable Programs – Circulation Element

Program CIRC-6.C **Transportation Impact Fee.** Require new and expanded development to pay a transportation impact fee, and update the fee periodically to ensure that development is paying its fair share of circulation system improvement costs for all modes of transportation.

Open Space/Conservation Element

Goal OSC-4 Promote sustainability and climate action planning. Promote a sustainable energy supply and implement the City's Climate Action Plan to reduce greenhouse gas emissions and improve the sustainability of actions by City government, residents, and businesses in Menlo Park. This includes promoting land use patterns that reduce the number and length of motor vehicle trips, and encouraging recycling, reduction and reuse programs.

Goal OSC-5 Ensure healthy air and water quality. Enhance and preserve air quality in accord with State and regional standards, and encourage the coordination of total water quality management including both supply and wastewater treatment.

Applicable Policies – Open Space/Conservation Element

Policy OSC-4.2 **Sustainable Building.** Promote and/or establish environmentally sustainable building practices or standards in new development that would conserve water and energy, prevent stormwater pollution, reduce landfilled waste, and reduce fossil fuel consumption from transportation and energy activities.

Policy OSC-4.3 **Renewable Energy**. Promote the installation of renewable energy technology, such as, on residences and businesses through education, social marketing methods, establishing standards and/or providing incentives.

Policy OSC-4.5 **Energy Standards in Residential and Commercial Construction**. Encourage projects to achieve a high level of energy conservation

exceeding standards set forth in the California Energy Code for Residential and Commercial development.

Policy OSC-5.1 **Air and Water Quality Standards**. Continue to apply standards and policies established by the Bay Area Air Quality Management District (BAAQMD), San Mateo Countywide Water Pollution Prevention Program (SMCWPPP), and City of Menlo Park Climate Action Plan through the California Environmental Quality Act (CEQA) process and other means as applicable.

Construction Period Emissions

The California Emissions Estimator Model (CalEEMod) Version 2022 was used to estimate emissions from on-site construction activity, construction vehicle trips, and evaporative emissions. The project land use types and size were input to CalEEMod. The CalEEMod model output along with construction inputs are included in *Attachment 1*.

CalEEMod Modeling

Land Use Inputs

The proposed project land uses were entered into CalEEMod as described in Table 2.

Table 2. Summary of Project Land Use Inputs

Project Land Uses	Size	Units	Square Feet (sf)	Acreage
Apartments Mid Rise	88	Dwelling Unit	72,528	2.50
Parking Lot	120	Parking Spaces	-	

Construction Inputs

CalEEMod computes annual emissions for construction that are based on the project type, size, and acreage. The model provides emission estimates for both on-site and off-site construction activities. On-site activities are primarily made up of construction equipment emissions, while off-site activity includes worker, hauling, and vendor traffic. The construction build-out scenario, including the equipment quantities, average hours per day, total number of workdays, and schedule, were based on the start date and equipment specifications provided by the project applicant and CalEEMod defaults (included in *Attachment 1*). The unmitigated CalEEMod scenario included Tier 4 engines for construction equipment as the applicant has stated their general contractor is committing to using equipment that is Tier 4 or better[7]. According to the project applicant, the earliest possible start date would be June 2025, and based on CalEEMod defaults the project would be built out over a period of approximately 13 months, or 277 construction workdays. The earliest year of full operation was assumed to be 2027.

[7] NextPhase Construction, Inc., File: *320 Sheridan – Menlo Park – Tier 4 Letter 032524.pdf*

Construction Truck Traffic Emissions

Construction would produce traffic in the form of worker trips and truck traffic. The traffic-related emissions are based on worker and vendor trip estimates produced by CalEEMod and haul trips that were computed based on the amount of demolition material to be exported, soil imported and/or exported to the site, and the amount of concrete and asphalt truck trips to and from the site. CalEEMod provides daily estimates of worker and vendor trips for each applicable phase. Daily haul trips for demolition and grading were developed by CalEEMod using the provided demolition and soil import/export volumes. The number of total concrete/asphalt round haul trips were provided for the project and converted to daily one-way trips, assuming two trips per delivery. These values are shown in the project construction equipment worksheet included in *Attachment 1*.

Summary of Computed Construction Period Emissions

Average daily construction emissions were estimated for the total duration of the project (277 days). Table 3 shows the unmitigated annualized average daily construction emissions of ROG, NO_X, PM_{10} exhaust, and $PM_{2.5}$ exhaust during construction of the project. As indicated in Table 3, predicted unmitigated annualized project construction emissions would not exceed the BAAQMD significance thresholds during any year of construction.

Table 3. Construction Period Emissions - Unmitigated

Year	ROG	NOx	PM_{10} Exhaust	$PM_{2.5}$ Exhaust
Construction Emissions Per Year (Tons)				
2025-2026	0.57	1.30	0.02	0.02
Average Daily Construction Emissions Per Year (pounds/day)				
2025-2026 (277 construction workdays)	4.09	9.40	0.15	0.14
BAAQMD Thresholds (pounds per day)	*54* lbs./day	*54* lbs./day	*82* lbs./day	*54* lbs./day
Exceed Threshold?	No	No	No	No

Construction activities, particularly during site preparation and grading, would temporarily generate fugitive dust in the form of PM_{10} and $PM_{2.5}$. Sources of fugitive dust would include disturbed soils at the construction site and trucks carrying uncovered loads of soils. Unless properly controlled, vehicles leaving the site would deposit mud on local streets, which could be an additional source of airborne dust after it dries. General Plan Policy OSC-5.1, Air and Water Quality Standards, requires projects to apply standards and policies established by BAAQMD. The BAAQMD recommends all projects include a "basic" set of best management practices (BMPs) to manage fugitive dust and consider impacts from dust (i.e., fugitive PM_{10} and $PM_{2.5}$) to be less than significant when BMPs are implemented. The BMPs are:

1. All exposed surfaces (e.g., parking areas, staging areas, soil piles, graded areas, and unpaved access roads) shall be watered two times per day.

2. All haul trucks transporting soil, sand, or other loose material off-site shall be covered.

3. All visible mud or dirt track-out onto adjacent public roads shall be removed using wet power vacuum street sweepers at least once per day. The use of dry power sweeping is prohibited.

4. All vehicle speeds on unpaved roads shall be limited to 15 miles per hour (mph).

5. All roadways, driveways, and sidewalks to be paved shall be completed as soon as practicable. Building pads shall be laid as soon as practicable after grading unless seeding or soil binders are used.

6. All excavation, grading, and/or demolition activities shall be suspended when average wind speeds exceed 20 mph.

7. All trucks and equipment, including their tires, shall be washed off prior to leaving the site.

8. Unpaved roads providing access to site located 100 feet of further from a paved road shall be treated with a 6- to 12-inch layer of compacted layer of wood chips, mulch, or gravel.

9. Publicly visible signs shall be posted with the telephone number and name of the person to contact at the lead agency regarding dust complaints. This person shall respond and take corrective action within 48 hours. The Air District's General Air Pollution Complaints number shall be visible to ensure compliance with applicable regulations.

The City requires new development to implement BAAQMD's basic BMPs through a standard condition of approval, consistent with General Plan Goal OSC-5 and Policy OSC-5.1. The project would be subject to this standard condition of approval and would have a less than significant impact on air quality due to the emission of criteria air pollutants during construct.

Construction Health Risk Impacts

Project impacts related to increased health risk can occur by generating emissions of TACs and air pollutants. Temporary project construction activity would generate emissions of DPM from equipment and trucks and also generate dust on a temporary basis that could affect nearby sensitive receptors. Additionally, there are existing sources of TACs and localized air pollutants in the vicinity of the project. The cumulative impact of the Project and existing TAC sources was assessed.

Health risk impacts are addressed by predicting increased lifetime cancer risk, the increase in annual $PM_{2.5}$ concentrations, and computing the Hazard Index (HI) for non-cancer health risks. Construction equipment and associated heavy-duty truck traffic generates diesel exhaust, which is a known TAC. These exhaust emissions pose health risks for sensitive receptors such as surrounding residents. The primary health risk impact issues associated with construction emissions are cancer risk and exposure to $PM_{2.5}$. A health risk assessment of the project construction activities was conducted that evaluated potential health effects to nearby sensitive

receptors from construction emissions of DPM and $PM_{2.5}$.[8] This assessment included dispersion modeling to predict the offsite and onsite concentrations resulting from project construction, so that lifetime cancer risks and non-cancer health effects could be evaluated.

Modeled Sensitive Receptors

Receptors for this assessment included locations where sensitive populations would be present for extended periods of time (i.e., chronic exposures). This includes the nearby existing residences surrounding the project site and the daycare as shown in Figure 1. Residential receptors are assumed to include all receptor groups (i.e., third trimester, infants, children, and adults) with almost continuous exposure to project emissions. Health risks were also computed for child receptors at the daycare. While there are additional sensitive receptors within 1,000 feet of the project site, the receptors chosen are adequate to identify maximum impacts from the project.

Construction Emissions

The CalEEMod model provided total annual PM_{10} exhaust emissions (assumed to be DPM) for the off-road construction equipment mix submitted by the applicant and for exhaust emissions from on-road vehicles, with total emissions from all construction stages being 0.05 tons (104 pounds). The on-road vehicle emissions are a result of haul truck travel on-site during demolition and grading activities, worker travel on-site, and vendor travel on-site during construction. A trip length of one mile was used to represent vehicle travel while at or near the construction site. Fugitive $PM_{2.5}$ dust emissions were calculated by CalEEMod as 0.01 tons (24 pounds) for the overall construction period.

Dispersion Modeling

The U.S. EPA AERMOD dispersion model was used to predict DPM and $PM_{2.5}$ concentrations at sensitive receptors (i.e., residences) in the vicinity of the project construction area. The AERMOD dispersion model is a BAAQMD-recommended model for use in modeling analysis of these types of emission activities for CEQA projects.[9] Emission sources for the construction site were grouped into two categories: exhaust emissions of DPM and fugitive $PM_{2.5}$ dust emissions.

Construction Sources

To represent the construction equipment exhaust emissions, an area source was used with an emission release height of 20 feet (6 meters).[10] The release height incorporates both the physical release height from the construction equipment (i.e., the height of the exhaust pipe) and plume rise after it leaves the exhaust pipe. Plume rise is due to both the high temperature of the exhaust and the high velocity of the exhaust gas. It should be noted that when modeling an area source,

[8] DPM is identified by California as a toxic air contaminant due to the potential to cause cancer.
[9] BAAQMD, 2023, *Appendix E of the 2022 BAAQMD CEQA Guidelines.* April.
[10] California Air Resource Board, 2007. *Proposed Regulation for In-Use Off-Road Diesel Vehicles, Appendix D: Health Risk Methodology.* April. Web: https://ww3.arb.ca.gov/regact/2007/ordiesl07/ordiesl07.htm

plume rise is not calculated by the AERMOD dispersion model as it would do for a point source (exhaust stack). Therefore, the release height from an area source used to represent emissions from sources with plume rise, such as construction equipment, was based on the height the exhaust plume is expected to achieve, not just the height of the top of the exhaust pipe.

For modeling fugitive $PM_{2.5}$ emissions, an area source with a near-ground level release height of 7 feet (2 meters) was used. Fugitive dust emissions at construction sites come from a variety of sources, including truck and equipment travel, grading activities, truck loading (with loaders) and unloading (rear or bottom dumping), loaders and excavators moving and transferring soil and other materials, etc. All of these activities result in fugitive dust emissions at various heights at the point(s) of generation. Once generated, the dust plume will tend to rise as it moves downwind across the site and exit the site at a higher elevation than when it was generated. For all these reasons, a 7-foot release height was used as the average release height across the construction site.

AERMOD Inputs and Meteorological Data

The modeling used a five-year data set (2011 - 2015) of hourly meteorological data from the San Carlos Airport prepared for use with the AERMOD model by BAAQMD. Construction emissions were modeled as occurring Monday through Friday between 8:00 a.m. to 5:00 p.m., when the majority of construction is expected to occur. Annual DPM and $PM_{2.5}$ concentrations from construction activities during the 2025-2026 period were calculated at nearby sensitive receptors using the model. Receptor heights of 5 feet (1.5 meters) and 15 feet (4.5 meters) were used to represent the breathing heights on the first and second floors of nearby single and multi-family residences.[11] A receptor height of 3 feet (1 meter) was used to represent the breathing height of children at the nearby Belle Haven Home Daycare.

Summary of Construction Health Risk Impacts

The maximum increased cancer risks were calculated using the modeled TAC concentrations combined with the BAAQMD CEQA guidance for age sensitivity factors and exposure parameters. Age-sensitivity factors reflect the greater sensitivity of infants and small children to cancer causing TACs. Infant, child, and adult exposures were assumed to occur at all residences during the entire construction period. Third trimester, infant, child, and adult exposures were assumed to occur at all residences during the entire construction period, while child exposures were assumed at the daycare.

Non-cancer health hazards and maximum $PM_{2.5}$ concentrations were also calculated. The maximum modeled annual $PM_{2.5}$ concentration was calculated based on combined exhaust and fugitive concentrations. The maximum computed HI value was based on the ratio of the maximum DPM concentration modeled and the chronic inhalation refence exposure level of 5 $\mu g/m^3$.

The modeled maximum annual DPM and $PM_{2.5}$ concentrations were identified at nearby sensitive receptors (as shown in Figure 1) to find the maximally exposed individuals (MEI). Results of this assessment indicated that the construction MEI was located southeast of the

[11] BAAQMD, 2023, *Appendix E of the 2022 BAAQMD CEQA Guidelines.* April.

project site on the first floor (5 feet above the ground) of a multi-family residence. Table 4 summarizes the maximum cancer risks, $PM_{2.5}$ concentrations, and HI for project related construction activities affecting the construction MEIs. *Attachment 2* to this report includes the emission calculations used for the construction modeling and the cancer risk calculations.

Construction risk impacts are shown in Table 4. The maximum cancer risks from construction activities at the construction MEI would be below the single-source significance threshold. The annual $PM_{2.5}$ concentration and HI from construction activities would be below the single-source significance thresholds.

Additionally, modeling was conducted to predict the cancer risks, non-cancer health hazards, and maximum $PM_{2.5}$ concentrations associated with construction activities at the nearby Belle Haven Home Daycare. The maximum increased cancer risks were adjusted using infant exposure parameters. The cancer risk, $PM_{2.5}$ concentration, and HI did not exceed their respective BAAQMD single-source significance thresholds, as shown in Table 4.

Table 4. Construction Risk Impacts at the Off-Site MEI*

Source	Cancer Risk (per million)	Annual $PM_{2.5}$ ($\mu g/m^3$)	Hazard Index
Project Impact			
Project Construction	8.00 (infant)	0.06	0.01
BAAQMD Single-Source Threshold	***>10.0***	***>0.3***	***>1.0***
Exceed Threshold?	*No*	*No*	*No*
Belle Haven Home Daycare Impacts			
Project Construction	2.14 (infant)	<0.01	<0.01
BAAQMD Single-Source Threshold	***>10.0***	***>0.3***	***>1.0***
Exceed Threshold?	*No*	*No*	*No*

*Note: The project's unmitigated scenario includes Tier 4 Interim equipment based on information provided by the applicant's general contractor, as mentioned above.

Figure 1. Locations of Project Construction Site, Off-Site Sensitive Receptors, and Maximum TAC Impacts (MEI)

Cumulative Health Risks of all TAC Sources at the Off-Site MEI

Cumulative health risk assessments look at all substantial sources of TACs located within 1,000 feet of a project site (i.e., influence area) that can affect sensitive receptors. These sources include rail lines, highways, busy surface streets, and stationary sources identified by BAAQMD.

A review of the project area using BAAQMD's geographic information systems (GIS) screening tools indicated that one roadway (U.S. Highway 101) and three stationary sources within the 1,000-foot influence area could have cumulative health risk impacts at the MEI. Figure 2 shows the locations of the sources affecting the MEI within the influence area. Health risk impacts from these sources upon the MEI are reported in Table 5. Details of the cumulative screening and health risk calculations are included in *Attachment 3.*

Figure 2. Project Site and Nearby TAC and $PM_{2.5}$ Sources

Highways – U.S. 101

The project MEIs are located near U.S. 101. A refined analysis of the impacts of TACs and $PM_{2.5}$ to the MEI receptor is necessary to evaluate potential cancer risks and $PM_{2.5}$ concentrations from U.S. 101. A review of the traffic information reported by Caltrans indicates that U.S. 101 traffic includes 154,000 vehicles per day (based on an annual average)[12] that are about 4.50 percent trucks, of which 1.9 percent are considered diesel heavy duty trucks and 2.6 percent are medium duty trucks.[13]

Emission Rates

This analysis involved the development of DPM, organic TACs, and $PM_{2.5}$ emissions for traffic on the U.S. 101 using the Caltrans version of the EMFAC2021 emissions model, known as CT-EMFAC2021. CT-EMFAC2021 provides emission factors for mobile source criteria pollutants and TACs, including DPM. Emission processes modeled include running exhaust for DPM, $PM_{2.5}$ and total organic compounds (e.g., TOG), running evaporative losses for TOG, tire and brake wear, and fugitive road dust for $PM_{2.5}$. All $PM_{2.5}$ emissions from all vehicles were used, rather than just the $PM_{2.5}$ fraction from diesel powered vehicles, because all vehicle types (i.e.,

[12] Caltrans. 2021. *2021 Traffic Volumes California State Highways.*
[13] Caltrans. 2021. *2021 Annual Average Daily Truck Traffic on the California State Highway System.*

gasoline and diesel powered) produce $PM_{2.5}$. Additionally, $PM_{2.5}$ emissions from vehicle tire and brake wear and from re-entrained roadway dust were included. DPM emissions are projected to decrease in the future and are reflected in the CT-EMFAC2021 emissions data. Inputs to the model include region (i.e., San Mateo County), type of road (i.e., freeway), Caltrans estimated local truck mix on U.S. 101 (4.50 percent)[14], traffic mix assigned by CT-EMFAC2021 for the county, year of analysis (2025), and season (annual).

In order to estimate TAC and $PM_{2.5}$ emissions over the 30-year exposure period used for calculating the increased cancer risks for sensitive receptors at the construction MEI, the CT-EMFAC2021 model was used to develop vehicle emission factors for the year 2025. Emissions associated with vehicle travel depend on the year of analysis because emission control technology requirements are phased-in over time. Therefore, the earlier the year analyzed in the model, the higher the emission rates utilized by CT-EMFAC2021. Year 2025 emissions were conservatively assumed as being representative of future conditions over the time period that cancer risks are evaluated.

The traffic information reported by Caltrans for U.S. 101 was increased 1 percent per year to 160,159 vehicles per day (based on an annual average) that includes about 4.5 percent trucks, of which 1.9 percent are considered diesel heavy duty trucks and 2.6 percent are medium duty trucks.[15] Hourly traffic distributions specific to these segments of U.S. 101 were obtained from Caltrans Performance Measurement System (PeMS). PeMS data is collected in real-time from nearly 40,000 individual detectors spanning the freeway system across all major metropolitan areas of California.[16] The fraction of traffic volume each hour was calculated and applied to the 2025 average daily traffic volumes calculation to estimate hourly traffic emission rates for U.S. 101.

Based on traffic data from the Caltrans PeMS, traffic speeds during the daytime and nighttime periods were identified. For northbound traffic on U.S. 101, the following was assumed for all vehicles:

- 70 mph – From 12:00 a.m. until 6:00 a.m. and 8:00 p.m. until 12:00 a.m.
- 65 mph – From 6:00 a.m. until 8:00 a.m. and 9:00 a.m. until 8:00 p.m.
- 60 mph – From 8:00 a.m. until 9:00 a.m.

For southbound traffic on U.S. 101, the following was assumed for all vehicles:

- 70 mph – From 12:00 a.m. until 6:00 a.m. and 8:00 p.m. until 12:00 a.m.
- 65 mph – From 6:00 a.m. until 7:00 a.m., 11:00 a.m. until 4:00 p.m., and 6:00 p.m. until 8:00 p.m.
- 60 mph – From 7:00 a.m. until 8:00 a.m., 10:00 a.m. until 11:00 a.m., and 4:00 p.m. until 6:00 p.m.

[14] Caltrans. 2024. *2021 Annual Average Daily Truck Traffic on the California State Highways.* Web: https://dot.ca.gov/programs/traffic-operations/census
[15] Caltrans. 2024. *2021 Annual Average Daily Truck Traffic on the California State Highway System.* Web: https://dot.ca.gov/programs/traffic-operations/census.
[16] https://dot.ca.gov/programs/traffic-operations/mpr/pems-source

- 55 mph – From 8:00 a.m. until 10:00 a.m.

Dispersion Modeling

Dispersion modeling of TAC and $PM_{2.5}$ emissions was conducted using the EPA AERMOD air quality dispersion model, which is recommended by the BAAQMD for this type of analysis.[17] TAC and $PM_{2.5}$ emissions from traffic on U.S. 101 within 1,000 feet of the project site were evaluated. Vehicle traffic on the roadways was modeled using a series of area sources along a line (line area sources); with line segments used for opposing travel directions on the roadway. The same meteorological data and off-site sensitive receptor MEI locations from the previous project impact dispersion modeling were used in the roadway modeling. Other inputs to the model included road geometry, hourly traffic emissions, and receptor locations and heights. Annual TAC and $PM_{2.5}$ concentrations from traffic on the roadways were calculated using the model. Concentrations were calculated at the project MEI with a receptor height of 5 feet (1.5 meters) to represent the breathing height at the MEI receptor.

Computed Cancer and Non-Cancer Health Impacts

Maximum increased lifetime cancer risks and annual $PM_{2.5}$ concentrations for the receptors were computed using modeled TAC and $PM_{2.5}$ concentrations and BAAQMD methods and exposure parameters. The traffic-related cancer risk, $PM_{2.5}$ concentration, and HI impacts on the project MEI are shown in Table 5. Figure 2 shows the roadway links used for the modeling and receptor locations where concentrations were calculated. Details of the emission calculations, dispersion modeling, and cancer risk calculations for the receptors with the maximum cancer risk from U.S. 101 traffic are provided in *Attachment 3.*

BAAQMD Permitted Stationary Sources

Permitted stationary sources of air pollution near the project site were identified using BAAQMD's *Permitted Stationary Sources 2021* GIS map website.[18] This mapping tool identifies the location of nearby stationary sources and their estimated risk and hazard impacts, based on emissions and adjustments to account for OEHHA's risk guidance. Three sources were identified using this tool, all diesel generators. The BAAQMD GIS website provided screening risks and hazards for the remaining sources. Therefore, a stationary source information request was not required to be submitted to BAAQMD.

The screening risk and hazard levels provided by BAAQMD for the stationary source was adjusted for distance using BAAQMD's *Distance Adjustment Multiplier Tool for Backup Diesel Generator*. Health risk impacts from the stationary sources upon the MEIs are reported in Table 5.

[17] BAAQMD. *Recommended Methods for Screening and Modeling Local Risks and Hazards*. May 2012
[18] BAAQMD, Web: https://baaqmd.maps.arcgis.com/apps/webappviewer/index.html?id=845658c19eae4594b9f4b805fb9d89a3

Summary of Cumulative Health Risk Impacts

Table 5 reports both the project and cumulative health risk impacts. The cumulative annual cancer risk, maximum $PM_{2.5}$ concentration and HI values would not exceed the BAAQMD's cumulative source health risk thresholds

Table 5. Impacts from Combined Sources at Construction MEI

Source	Cancer Risk (per million)	Annual $PM_{2.5}$ ($\mu g/m^3$)	Hazard Index
Project Impacts			
Project Construction	8.00 (infant)	0.06	0.01
BAAQMD Single-Source Threshold	***>10.0***	***>0.3***	***>1.0***
Exceed Threshold?	*No*	*No*	*No*
Cumulative Impacts			
U.S. 101, ADT 160,159	11.22	0.33	<0.01
CALTRANS (Facility # 19890, Generator), MEI at 50 feet	0.15	-	-
Meta Platforms Inc-MPK 28-29 (Facility #23192, Generator) MEI at 1000+	0.39	<0.01	<0.01
Facebook Inc. (Facility #200438, Generator) MEI at	0.19	<0.01	<0.01
Cumulative Total	19.95	<0.41	<0.04
BAAQMD Cumulative Source Threshold	***>100***	***>0.8***	***>10.0***
Exceed Threshold?	*No*	*No*	*No*

Non-CEQA: On-site Health Risk Assessment of TAC Sources - New Sensitive Receptors

A health risk assessment was completed to assess the effect that existing TAC sources would have on the new sensitive receptors (i.e., residents) introduced by the project. The same TAC sources identified above were used in this assessment.[19] BAAQMD's recommended thresholds for health risks and hazards, shown in Table 1, are used to evaluate on-site exposure. Figure 3 shows the on-site sensitive receptors in relation to the nearby TAC sources. Results are listed in Table 6. *Attachment 3* includes the dispersion modeling and risk calculations for TAC source impacts upon the proposed on-site sensitive receptors.

Highways – U.S. 101

The highway analysis for the new project residents was conducted in the same manner as described above for the off-site MEI. However, the year 2027 (operational year) emission factors were conservatively assumed as being representative of future conditions, instead of 2025 (construction year). An analysis based on 2027 resulted in an increased ADT on U.S. 101 of 163,239 vehicles. The project set of receptors were placed throughout the project residential

[19] We note that to the extent this analysis considers *existing* air quality issues in relation to the impact on *future residents* of the Project, it does so for informational purposes only pursuant to the judicial decisions in *CBIA v. BAAQMD* (2015) 62 Cal.4th 369, 386 and *Ballona Wetlands Land Trust v. City of Los Angeles* (2011) 201 Cal.App.4th 455, 473, which confirm that the impacts of the environment on a project are excluded from CEQA unless the project itself "exacerbates" such impacts.

areas and were spaced every 23 feet (7 meters). Highway impacts were modeled at receptor heights of 5 feet (1.5 meters) and 15 feet (4.5 meters) representing sensitive receptors on the first and second floors of the building. The portions of U.S. 101 included in the modeling are shown in Figure 3 along with the project site and receptor locations where impacts were modeled.

Maximum increased cancer risks were calculated for the residents at the project site using the maximum modeled TAC concentrations. A 30-year exposure period was used in calculating cancer risks assuming the residents would include third trimester pregnancy and infants/children and were assumed to be in the new housing area for 24 hours per day for 350 days per year. The highest impacts from U.S. 101 occurred at a receptor on the first floor at the northeastern corner of the project site. Cancer risks associated with the highway are greatest closest to the highway and decrease with distance from the highway. The highway health risk impacts at the project site are shown in Table 6. Details of the highway emission calculations, dispersion modeling, and cancer risk calculations are contained in *Attachment 3.*

Stationary Sources

The stationary source screening analysis of the source for the new project sensitive receptors was conducted in the same manner as described above for the construction MEI. Table 6 includes the health risk assessment results associated with stationary sources.

Summary of Cumulative Health Risks at the Project Site

Health risks from the existing TAC sources upon the project site are reported in Table 6. The risks from individual TAC sources are compared against the BAAQMD single-source thresholds. The risks from all the sources are then combined and compared against the BAAQMD cumulative-source thresholds. As shown, one existing source of TAC emissions, U.S. 101, exceeds the BAAQMD single-source thresholds for cancer risk and annual $PM_{2.5}$ concentration. However, none of the BAAQMD cumulative-source thresholds are exceeded.

Table 6. Impacts from Cumulative Sources to Project Site Receptors

Source	Cancer Risk (per million)	Annual $PM_{2.5}$ ($\mu g/m^3$)	Hazard Index
U.S. 101, ADT 163,239	**20.52**	**0.75**	<0.01
CALTRANS (Facility #19890, Generator), Project Site at 50 feet	0.15	-	-
Meta Platforms Inc-MPK 28-29 (Facility #23192, Generator) Project Site at 745 feet	0.68	<0.01	<0.01
Facebook Inc. (Facility #200438, Generator) Project Site at 950 feet	0.19	<0.01	<0.01
BAAQMD Single-Source Threshold	***>10***	***>0.3***	***>1.0***
Exceed Threshold?	***Yes***	***Yes***	*No*
Cumulative Total	21.54	<0.77	<0.03
BAAQMD Cumulative Source Threshold	***>100***	***>0.8***	***>10.0***
Exceed Threshold?	*No*	*No*	*No*

Figure 3. Project Site, Nearby Sources, and On-Site Maximum TAC Impact

Condition of Approval (COA) AQ-1: Install MERV13 filtration in all residential buildings.

Filtration in ventilation systems at the project site would reduce the level of harmful pollutants to acceptable levels. The significant exposure for new project receptors is judged by two effects: (1) increased cancer risk, and (2) annual $PM_{2.5}$ concentration. Project exposure to cancer risk and annual $PM_{2.5}$ concentrations from U.S. 101 are above the BAAQMD single-source significance thresholds, although this is not a CEQA impact. The cancer risks and annual $PM_{2.5}$ concentration from U.S. 101 are based on exposure to diesel particulate matter and $PM_{2.5}$ resulting from emissions attributable to truck and auto exhaust, the wearing of brakes and tires and re-entrainment of roadway dust from vehicles traveling over pavement. Reducing particulate matter exposure would reduce both annual $PM_{2.5}$ exposures and cancer risk.

The project shall include the following measures to minimize long-term increased cancer risk and annual $PM_{2.5}$ exposure for new project occupants:

1. Install air filtration for all residential buildings. Air filtration devices shall be rated MERV13 or higher. To ensure adequate health protection to sensitive receptors (i.e., residents), this ventilation system, whether mechanical or passive, shall filter all fresh air that would be circulated into the dwelling units.

2. The ventilation system shall be designed to keep the building at positive pressure when doors and windows are closed to reduce the intrusion of unfiltered outside air into the building.

3. As part of implementing this measure, an ongoing maintenance plan for the buildings' heating, ventilation, and air conditioning (HVAC) air filtration system shall be required that includes regular filter replacement.

4. Ensure that the use agreement and other property documents: (1) require cleaning, maintenance, and monitoring of the affected buildings for air flow leaks, (2) include assurance that new owners or tenants are provided information on the ventilation system, and (3) include provisions that fees associated with owning or leasing a unit(s) in the building include funds for cleaning, maintenance, monitoring, and replacements of the filters, as needed.

Consistent with Housing Element EIR mitigation measure AQ-3, the above features shall be incorporated into the site development plan as a component of the proposed project. The air intake design and MERV filter requirements also shall be noted and/or reflected on all building plans submitted to the City and shall be verified by the City's Building Division and/or Planning Division.

Effectiveness of COA AQ-1

A properly installed and operated ventilation system with MERV13 would achieve an 80-percent reduction for small particulates.[20] The overall effectiveness calculations take into account the amount of time spent outdoors and away from home. Assuming that the filtration system is 80-percent effective and the individual is being exposed to 21 hours of indoor filtered air and three hours of outdoor unfiltered air, then the overall effectiveness of a MERV13 filtration system would be about 70-percent for DPM and $PM_{2.5}$ exposure. For U.S. 101, this would reduce the cancer risk to 8.76 per million and the maximum annual $PM_{2.5}$ concentration to 0.22 $\mu g/m^3$. With this condition of approval, impacts from U.S. 101 would be below the BAAQMD single-source thresholds.

[20] Bay Area Air Quality Management District (2016). Appendix B: Best Practices to Reduce Exposure to Local Air Pollution, *Planning Healthy Places A Guidebook for Addressing Local Sources of Air Pollutants in Community Planning* (p. 38). http://www.baaqmd.gov/~/media/files/planning-and-research/planning-healthy-places/php_may20_2016-pdf.pdf?la=en

Supporting Documentation

Attachment 1 includes the CalEEMod output for project construction emissions. Also included are any modeling assumptions.

Attachment 2 is the construction health risk assessment. This includes the summary of the dispersion modeling and the cancer risk calculations for construction. AERMOD dispersion modeling files for this assessment, which are quite voluminous, are available upon request and would be provided in digital format.

Attachment 3 includes the cumulative health screening and modeling results from sources affecting the construction MEI and project site receptors.

Attachment 1: CalEEMod Modeling Inputs and Outputs

Air Quality/Noise Construction Information Data Request

Project Name: 320 Sheridan Drive, Menlo Park DEFAULTS

Complete ALL Portions in Yellow

See Equipment Type TAB for type, horsepower and load factor

Project Size 88 Dwelling Units; 2.5 total project acres disturbed

72,528 s.f. residential

s.f. retail

s.f. office/commercial

s.f. other, specify:

s.f. parking garage spaces

s.f. parking lot 120 spaces

Construction Days (i.e, M-F) to

Construction Hours am to pm

Pile Driving? Y/N?

Project include on-site GENERATOR OR FIRE PUMP during project OPERATION (not construction)? Y/N? ____

IF YES (if BOTH separate values) -->

Kilowatts/Horsepower: _____

Fuel Type: _____

Location in project (Plans Desired if Available):

DO NOT MULTIPLY EQUIPMENT HOURS/DAY BY THE QUANTITY OF EQUIPMENT

Quantity	Description	HP	Load Factor	Hours/day	Total Work Days	Avg. Hours per day	HP Annual Hours	Comments
	Demolition	**Start Date:**	**6/2/2025**	**Total phase:**	**20**			**Overall Import/Export Volumes**
		End Date:	**6/30/2025**					
1	Concrete/Industrial Saws	81	0.73	8	20	8	9461	**Demolition Volume**
	Excavators	158	0.38			0	0	Square footage of buildings to be demolished
1	Rubber-Tired Dozers	247	0.4	8	20	8	15808	(*or* total tons to be hauled)
3	Tractors/Loaders/Backhoes	97	0.37	8	20	8	17227	**_?_** square feet *or*
	Other Equipment?							**_?_** Hauling volume (tons)
								Any pavement demolished and hauled? **_1,100_ cubic yards**
	Site Preparation	**Start Date:**	**7/1/2025**		**3**			
		End Date:	**7/5/2025**					
1	Graders	187	0.41	8	3	8	1840	
1	Rubber Tired Dozers	247	0.4	8	3	8	2371	
1	Tractors/Loaders/Backhoes	97	0.37	8	3	8	861	
	Other Equipment?							
	Grading / Excavation	**Start Date:**	**7/6/2025**	**Total phase:**	**6**			
		End Date:	**7/14/2025**					**Soil Hauling Volume**
	Excavators	158	0.38			0	0	Export volume = **_?_** cubic yards?
1	Graders	187	0.41	8	6	8	3680	Import volume = **_1,102_** cubic yards?
1	Rubber Tired Dozers	247	0.4	8	6	8	4742	
	Concrete/Industrial Saws	81	0.73			0	0	
2	Tractors/Loaders/Backhoes	97	0.37	7	6	7	3015	
	Other Equipment?							
	Trenching/Foundation	**Start Date:**	**7/15/2025**	**Total phase:**	**6**			
		End Date:	**7/22/2025**					
1	Tractor/Loader/Backhoe	97	0.37	8	6	8	1723	
1	Excavators	158	0.38	8	6	8	2882	
	Other Equipment?							
	Building - Exterior	**Start Date:**	**7/23/2025**	**Total phase:**	**220**			**Cement Trucks? _207_ Total Round-Trips**
		End Date:	**5/26/2026**					
1	Cranes	231	0.29	6	220	6	88427	Electric? (Y/N) ___ Otherwise assumed diesel
1	Forklifts	89	0.2	6	220	6	23496	Liquid Propane (LPG)? (Y/N) ___ Otherwise Assumed diesel
1	Generator Sets	84	0.74	8	220	8	109402	Or temporary line power? (Y/N) ___
1	Tractors/Loaders/Backhoes	97	0.37	6	220	6	47375	
3	Welders	46	0.45	8	220	8	109296	
	Other Equipment?							
	Building - Interior/Architectural Coating	**Start Date:**	**5/27/2026**	**Total phase:**	**10**			
		End Date:	**6/9/2026**					
1	Air Compressors	78	0.48	6	10	6	2246	
	Aerial Lift	62	0.31			0	0	
	Other Equipment?							
	Paving	**Start Date:**	**6/10/2026**	**Total phase:**	**10**			
		Start Date:	**6/23/2026**					
1	Cement and Mortar Mixers	9	0.56	6	10	6	302	
1	Pavers	130	0.42	6	10	6	3276	**Asphalt? ___ cubic yards or __30__ round trips?**
1	Paving Equipment	132	0.36	8	10	8	3802	
1	Rollers	80	0.38	7	10	7	2128	
1	Tractors/Loaders/Backhoes	97	0.37	8	10	8	2871	
	Other Equipment?							
	Additional Phases	**Start Date:**		**Total phase:**				
		Start Date:						
						#DIV/0!	0	
						#DIV/0!	0	
						#DIV/0!	0	
						#DIV/0!	0	
						#DIV/0!	0	

Equipment types listed in "Equipment Types" worksheet tab.

Equipment listed in this sheet is to provide an example of inputs

It is assumed that water trucks would be used during grading

Add or subtract phases and equipment, as appropriate

Modify horsepower or load factor, as appropriate

Complete one sheet for each project component

Construction Criteria Air Pollutants							
	ROG	NOX	PM10 Exhaust	PM2.5 Exhaust	PM2.5 Fugitive	**CO2e**	
Year	Tons					MT	
Construction Equipment							
2025-2026	0.57	1.30	0.02	0.02	0.02	369.20	
	Total Construction Emissions						
Tons	0.57	1.30	0.02	0.02		369.20	
Pounds/Workdays	*Average Daily Emissions*					Workdays	
2025-2026	4.09	9.40	0.15	0.14			**277**
Threshold - lbs/day	**54.0**	**54.0**	**82.0**	**54.0**			
	Total Construction Emissions						
Pounds	1132.61	2602.56	42.62	40.04		0.00	
Average	4.09	9.40	0.15	0.14		0.00	277.00
Threshold - lbs/day	**54.0**	**54.0**	**82.0**	**54.0**			

24-017 320 Sheridan Drive, Menlo Park T4i Const Detailed Report

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1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	24-017 320 Sheridan Drive, Menlo Park T4i Const
Construction Start Date	6/2/2025
Operational Year	2027
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	4.20
Precipitation (days)	18.8
Location	320 Sheridan Dr, Menlo Park, CA 94025, USA
County	San Mateo
City	Menlo Park
Air District	Bay Area AQMD
Air Basin	San Francisco Bay Area
TAZ	1277
EDFZ	1
Electric Utility	Peninsula Clean Energy
Gas Utility	Pacific Gas & Electric
App Version	2022.1.1.22

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
A364								

Apartments Mid Rise	88.0	Dwelling Unit	2.50	72,528	0.00	—	253	—
Parking Lot	120	Space	0.00	0.00	0.00	—	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

No measures selected

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	ROG	NOx	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—
Unmit.	102	10.5	0.18	3.28	3.35	0.16	1.47	1.54	4,451
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—
Unmit.	0.45	10.2	0.18	0.63	0.80	0.16	0.15	0.32	3,147
Average Daily (Max)	—	—	—	—	—	—	—	—	—
Unmit.	2.93	4.03	0.06	0.27	0.33	0.06	0.08	0.14	1,279
Annual (Max)	—	—	—	—	—	—	—	—	—
Unmit.	0.53	0.74	0.01	0.05	0.06	0.01	0.01	0.02	212

2.2. Construction Emissions by Year, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	ROG	NOx	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—
2025	0.45	10.5	0.18	3.28	3.35	0.16	1.47	1.54	4,451

A365

2026	102	10.1	0.18	0.63	0.80	0.16	0.15	0.32	3,153
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—
2025	0.45	10.2	0.18	0.63	0.80	0.16	0.15	0.32	3,147
2026	0.44	10.1	0.18	0.63	0.80	0.16	0.15	0.32	3,128
Average Daily	—	—	—	—	—	—	—	—	—
2025	0.17	4.03	0.06	0.27	0.33	0.06	0.08	0.14	1,279
2026	2.93	3.10	0.05	0.19	0.24	0.05	0.04	0.09	951
Annual	—	—	—	—	—	—	—	—	—
2025	0.03	0.74	0.01	0.05	0.06	0.01	0.01	0.02	212
2026	0.53	0.57	0.01	0.03	0.04	0.01	0.01	0.02	158

2.4. Operations Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	ROG	NOx	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—
Unmit.	3.47	0.80	0.02	2.57	2.59	0.01	0.65	0.67	3,058
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—
Unmit.	3.01	0.89	0.01	2.57	2.59	0.01	0.65	0.67	2,923
Average Daily (Max)	—	—	—	—	—	—	—	—	—
Unmit.	3.15	0.82	0.01	2.42	2.43	0.01	0.61	0.63	2,807
Annual (Max)	—	—	—	—	—	—	—	—	—
Unmit.	0.57	0.15	< 0.005	0.44	0.44	< 0.005	0.11	0.11	465

2.5. Operations Emissions by Sector, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Sector	ROG	NOx	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—
Mobile	1.20	0.75	0.01	2.57	2.59	0.01	0.65	0.67	2,757
Area	2.27	0.05	< 0.005	—	< 0.005	< 0.005	—	< 0.005	13.4
Energy	0.00	0.00	0.00	—	0.00	0.00	—	0.00	147
Water	—	—	—	—	—	—	—	—	17.6
Waste	—	—	—	—	—	—	—	—	122
Refrig.	—	—	—	—	—	—	—	—	0.52
Total	3.47	0.80	0.02	2.57	2.59	0.01	0.65	0.67	3,058
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—
Mobile	1.18	0.89	0.01	2.57	2.59	0.01	0.65	0.67	2,635
Area	1.83	0.00	0.00	—	0.00	0.00	—	0.00	0.00
Energy	0.00	0.00	0.00	—	0.00	0.00	—	0.00	147
Water	—	—	—	—	—	—	—	—	17.6
Waste	—	—	—	—	—	—	—	—	122
Refrig.	—	—	—	—	—	—	—	—	0.52
Total	3.01	0.89	0.01	2.57	2.59	0.01	0.65	0.67	2,923
Average Daily	—	—	—	—	—	—	—	—	—
Mobile	1.10	0.80	0.01	2.42	2.43	0.01	0.61	0.63	2,512
Area	2.05	0.02	< 0.005	—	< 0.005	< 0.005	—	< 0.005	6.61
Energy	0.00	0.00	0.00	—	0.00	0.00	—	0.00	147
Water	—	—	—	—	—	—	—	—	17.6
Waste	—	—	—	—	—	—	—	—	122
Refrig.	—	—	—	—	—	—	—	—	0.52
Total	3.15	0.82	0.01	2.42	2.43	0.01	0.61	0.63	2,807
Annual	—	—	—	—	—	—	—	—	—
Mobile	0.20	0.15	< 0.005	0.44	0.44	< 0.005	0.11	0.11	416

Area	0.37	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	1.09
Energy	0.00	0.00	0.00	—	0.00	0.00	—	0.00	24.4
Water	—	—	—	—	—	—	—	—	2.92
Waste	—	—	—	—	—	—	—	—	20.3
Refrig.	—	—	—	—	—	—	—	—	0.09
Total	0.57	0.15	< 0.005	0.44	0.44	< 0.005	0.11	0.11	465

3. Construction Emissions Details

3.1. Demolition (2025) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	CO2e
Onsite	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.33	8.81	0.10	—	0.10	0.09	—	0.09	2,502
Demolition	—	—	—	0.00	0.00	—	0.00	0.00	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.48	0.01	—	0.01	0.01	—	0.01	137
Demolition	—	—	—	0.00	0.00	—	0.00	0.00	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.09	< 0.005	—	< 0.005	< 0.005	—	< 0.005	22.7
Demolition	—	—	—	0.00	0.00	—	0.00	0.00	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—
Worker	0.03	0.02	0.00	0.10	0.10	0.00	0.02	0.02	104
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.01	0.91	0.01	0.14	0.15	0.01	0.04	0.04	621
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.00	0.01	0.01	0.00	< 0.005	< 0.005	5.42
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	0.05	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	34.0
Annual	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.90
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	5.63

3.3. Site Preparation (2025) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	CO2e
Onsite	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.34	7.95	0.05	—	0.05	0.05	—	0.05	2,726
Dust From Material Movement	—	—	—	0.62	0.62	—	0.07	0.07	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—

Average Daily	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.07	< 0.005	—	< 0.005	< 0.005	—	< 0.005	22.4
Dust From Material Movement	—	—	—	0.01	0.01	—	< 0.005	< 0.005	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.01	< 0.005	—	< 0.005	< 0.005	—	< 0.005	3.71
Dust From Material Movement	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—
Worker	0.02	0.01	0.00	0.06	0.06	0.00	0.01	0.01	62.1
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.49
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.08
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.5. Grading (2025) - Unmitigated

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Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	CO2e
Onsite	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.32	7.70	0.05	—	0.05	0.05	—	0.05	2,463
Dust From Material Movement	—	—	—	2.77	2.77	—	1.34	1.34	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.13	< 0.005	—	< 0.005	< 0.005	—	< 0.005	40.5
Dust From Material Movement	—	—	—	0.05	0.05	—	0.02	0.02	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.02	< 0.005	—	< 0.005	< 0.005	—	< 0.005	6.70
Dust From Material Movement	—	—	—	0.01	0.01	—	< 0.005	< 0.005	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.00	0.08	0.08	0.00	0.02	0.02	82.9
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.04	2.78	0.02	0.43	0.45	0.02	0.12	0.14	1,906
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—

Worker	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	1.30
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	0.05	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	31.3
Annual	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.22
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	5.18

3.7. Building Construction (2025) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	CO2e
Onsite	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.28	9.38	0.17	—	0.17	0.16	—	0.16	2,209
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.28	9.38	0.17	—	0.17	0.16	—	0.16	2,209
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.09	2.97	0.05	—	0.05	0.05	—	0.05	700
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.54	0.01	—	0.01	0.01	—	0.01	116
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Offsite	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—
Worker	0.15	0.12	0.00	0.52	0.52	0.00	0.12	0.12	525
Vendor	0.01	0.39	< 0.005	0.07	0.07	< 0.005	0.02	0.02	284
Hauling	< 0.005	0.23	< 0.005	0.03	0.04	< 0.005	0.01	0.01	156
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—
Worker	0.15	0.15	0.00	0.52	0.52	0.00	0.12	0.12	500
Vendor	0.01	0.40	< 0.005	0.07	0.07	< 0.005	0.02	0.02	283
Hauling	< 0.005	0.24	< 0.005	0.03	0.04	< 0.005	0.01	0.01	155
Average Daily	—	—	—	—	—	—	—	—	—
Worker	0.05	0.04	0.00	0.16	0.16	0.00	0.04	0.04	159
Vendor	< 0.005	0.13	< 0.005	0.02	0.02	< 0.005	0.01	0.01	89.8
Hauling	< 0.005	0.07	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	49.3
Annual	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.00	0.03	0.03	0.00	0.01	0.01	26.3
Vendor	< 0.005	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	14.9
Hauling	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	8.17

3.9. Building Construction (2026) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	CO2e
Onsite	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.28	9.38	0.17	—	0.17	0.16	—	0.16	2,208
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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Daily, Winter (Max)	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.28	9.38	0.17	—	0.17	0.16	—	0.16	2,208
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.08	2.68	0.05	—	0.05	0.05	—	0.05	631
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.49	0.01	—	0.01	0.01	—	0.01	104
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—
Worker	0.14	0.11	0.00	0.52	0.52	0.00	0.12	0.12	514
Vendor	0.01	0.36	< 0.005	0.07	0.07	< 0.005	0.02	0.02	278
Hauling	< 0.005	0.22	< 0.005	0.03	0.04	< 0.005	0.01	0.01	152
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—
Worker	0.14	0.14	0.00	0.52	0.52	0.00	0.12	0.12	489
Vendor	0.01	0.38	< 0.005	0.07	0.07	< 0.005	0.02	0.02	278
Hauling	< 0.005	0.23	< 0.005	0.03	0.04	< 0.005	0.01	0.01	152
Average Daily	—	—	—	—	—	—	—	—	—
Worker	0.04	0.04	0.00	0.15	0.15	0.00	0.03	0.03	140
Vendor	< 0.005	0.11	< 0.005	0.02	0.02	< 0.005	0.01	0.01	79.4
Hauling	< 0.005	0.06	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	43.4
Annual	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.00	0.03	0.03	0.00	0.01	0.01	23.3
Vendor	< 0.005	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	13.1

Hauling	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	7.19

3.11. Paving (2026) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	CO2e
Onsite	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.18	5.88	0.08	—	0.08	0.08	—	0.08	1,248
Paving	0.00	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.16	< 0.005	—	< 0.005	< 0.005	—	< 0.005	34.2
Paving	0.00	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.03	< 0.005	—	< 0.005	< 0.005	—	< 0.005	5.66
Paving	0.00	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.00	0.12	0.12	0.00	0.03	0.03	122
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.01	0.69	0.01	0.11	0.12	0.01	0.03	0.04	486

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Daily, Winter (Max)	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	3.19
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	13.3
Annual	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.53
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	2.20

3.13. Architectural Coating (2026) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	CO2e
Onsite	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	1.07	0.03	—	0.03	0.03	—	0.03	134
Architectural Coatings	102	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.03	< 0.005	—	< 0.005	< 0.005	—	< 0.005	3.67
Architectural Coatings	2.80	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—

Off-Road Equipment	< 0.005	0.01	< 0.005	—	< 0.005	< 0.005	—	< 0.005	0.61
Architectural Coatings	0.51	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—
Worker	0.03	0.02	0.00	0.10	0.10	0.00	0.02	0.02	103
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	2.69
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.45
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.15. Trenching (2025) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	CO2e
Onsite	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	2.28	0.04	—	0.04	0.03	—	0.03	434

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.04	< 0.005	—	< 0.005	< 0.005	—	< 0.005	7.13
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.01	< 0.005	—	< 0.005	< 0.005	—	< 0.005	1.18
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.00	0.04	0.04	0.00	0.01	0.01	41.4
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.65
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.11
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

4. Operations Emissions Details

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4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	1.20	0.75	0.01	2.57	2.59	0.01	0.65	0.67	2,757
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	1.20	0.75	0.01	2.57	2.59	0.01	0.65	0.67	2,757
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	1.18	0.89	0.01	2.57	2.59	0.01	0.65	0.67	2,635
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	1.18	0.89	0.01	2.57	2.59	0.01	0.65	0.67	2,635
Annual	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	0.20	0.15	< 0.005	0.44	0.44	< 0.005	0.11	0.11	416
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.20	0.15	< 0.005	0.44	0.44	< 0.005	0.11	0.11	416

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—

A379

Apartments Mid Rise	—	—	—	—	—	—	—	—	147
Parking Lot	—	—	—	—	—	—	—	—	0.00
Total	—	—	—	—	—	—	—	—	147
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	—	—	147
Parking Lot	—	—	—	—	—	—	—	—	0.00
Total	—	—	—	—	—	—	—	—	147
Annual	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	—	—	24.4
Parking Lot	—	—	—	—	—	—	—	—	0.00
Total	—	—	—	—	—	—	—	—	24.4

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00
Parking Lot	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00
Total	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00
Parking Lot	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00
Total	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00

A380

Annual	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00
Parking Lot	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00
Total	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00

4.3. Area Emissions by Source

4.3.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Source	ROG	NOx	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—
Hearths	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00
Consumer Products	1.55	—	—	—	—	—	—	—	—
Architectural Coatings	0.28	—	—	—	—	—	—	—	—
Landscape Equipment	0.44	0.05	< 0.005	—	< 0.005	< 0.005	—	< 0.005	13.4
Total	2.27	0.05	< 0.005	—	< 0.005	< 0.005	—	< 0.005	13.4
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—
Hearths	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00
Consumer Products	1.55	—	—	—	—	—	—	—	—
Architectural Coatings	0.28	—	—	—	—	—	—	—	—
Total	1.83	0.00	0.00	—	0.00	0.00	—	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—
Hearths	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00

Consumer Products	0.28	—	—	—	—	—	—	—	—
Architectural Coatings	0.05	—	—	—	—	—	—	—	—
Landscape Equipment	0.04	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	1.09
Total	0.37	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	1.09

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	—	—	17.6
Parking Lot	—	—	—	—	—	—	—	—	0.00
Total	—	—	—	—	—	—	—	—	17.6
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	—	—	17.6
Parking Lot	—	—	—	—	—	—	—	—	0.00
Total	—	—	—	—	—	—	—	—	17.6
Annual	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	—	—	2.92
Parking Lot	—	—	—	—	—	—	—	—	0.00
Total	—	—	—	—	—	—	—	—	2.92

A382

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	—	—	122
Parking Lot	—	—	—	—	—	—	—	—	0.00
Total	—	—	—	—	—	—	—	—	122
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	—	—	122
Parking Lot	—	—	—	—	—	—	—	—	0.00
Total	—	—	—	—	—	—	—	—	122
Annual	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	—	—	20.3
Parking Lot	—	—	—	—	—	—	—	—	0.00
Total	—	—	—	—	—	—	—	—	20.3

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—

A383

Apartments Mid Rise	—	—	—	—	—	—	—	—	0.52
Total	—	—	—	—	—	—	—	—	0.52
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	—	—	0.52
Total	—	—	—	—	—	—	—	—	0.52
Annual	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	—	—	0.09
Total	—	—	—	—	—	—	—	—	0.09

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	ROG	NOx	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	ROG	NOx	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	ROG	NOx	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	ROG	NOx	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	CO2e
Daily, Summer (Max)A385	—	—	—	—	—	—	—	—	—

Total	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	ROG	NOx	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—

—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Demolition	Demolition	6/2/2025	6/30/2025	5.00	20.0	—
Site Preparation	Site Preparation	7/1/2025	7/5/2025	5.00	3.00	—
Grading	Grading	7/6/2025	7/14/2025	5.00	6.00	—
Building Construction	Building Construction	7/23/2025	5/26/2026	5.00	220	—
Paving	Paving	6/10/2026	6/23/2026	5.00	10.0	—

Architectural Coating	Architectural Coating	5/27/2026	6/9/2026	5.00	10.0	—
Trenching	Trenching	7/15/2025	7/22/2025	5.00	6.00	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Demolition	Tractors/Loaders/Backhoes	Diesel	Tier 4 Interim	3.00	8.00	84.0	0.37
Demolition	Rubber Tired Dozers	Diesel	Tier 4 Interim	1.00	8.00	367	0.40
Demolition	Concrete/Industrial Saws	Diesel	Tier 4 Interim	1.00	8.00	33.0	0.73
Site Preparation	Graders	Diesel	Tier 4 Interim	1.00	8.00	148	0.41
Site Preparation	Scrapers	Diesel	Tier 4 Interim	1.00	8.00	423	0.48
Site Preparation	Tractors/Loaders/Backhoes	Diesel	Tier 4 Interim	1.00	7.00	84.0	0.37
Grading	Graders	Diesel	Tier 4 Interim	1.00	8.00	148	0.41
Grading	Rubber Tired Dozers	Diesel	Tier 4 Interim	1.00	8.00	367	0.40
Grading	Tractors/Loaders/Backhoes	Diesel	Tier 4 Interim	2.00	7.00	84.0	0.37
Building Construction	Cranes	Diesel	Tier 4 Interim	1.00	8.00	367	0.29
Building Construction	Forklifts	Diesel	Tier 4 Interim	2.00	7.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Tier 4 Interim	1.00	8.00	14.0	0.74
Building Construction	Tractors/Loaders/Backhoes	Diesel	Tier 4 Interim	1.00	6.00	84.0	0.37
Building Construction	Welders	Diesel	Tier 4 Interim	3.00	8.00	46.0	0.45
Paving	Tractors/Loaders/Backhoes	Diesel	Tier 4 Interim	1.00	8.00	84.0	0.37
Paving	Pavers	Diesel	Tier 4 Interim	1.00	8.00	81.0	0.42
Paving	Paving Equipment	Diesel	Tier 4 Interim	1.00	8.00	89.0	0.36

Paving	Rollers	Diesel	Tier 4 Interim	2.00	8.00	36.0	0.38
Paving	Cement and Mortar Mixers	Diesel	Tier 4 Interim	1.00	8.00	10.0	0.56
Architectural Coating	Air Compressors	Diesel	Tier 4 Interim	1.00	6.00	37.0	0.48
Trenching	Tractors/Loaders/Backhoes	Diesel	Tier 4 Interim	1.00	8.00	84.0	0.37
Trenching	Excavators	Diesel	Tier 4 Interim	1.00	8.00	36.0	0.38

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Demolition	—	—	—	—
Demolition	Worker	12.5	11.7	LDA,LDT1,LDT2
Demolition	Vendor	—	8.40	HHDT,MHDT
Demolition	Hauling	7.50	20.0	HHDT
Demolition	Onsite truck	—	—	HHDT
Site Preparation	—	—	—	—
Site Preparation	Worker	7.50	11.7	LDA,LDT1,LDT2
Site Preparation	Vendor	—	8.40	HHDT,MHDT
Site Preparation	Hauling	0.00	20.0	HHDT
Site Preparation	Onsite truck	—	—	HHDT
Grading	—	—	—	—
Grading	Worker	10.0	11.7	LDA,LDT1,LDT2
Grading	Vendor	—	8.40	HHDT,MHDT
Grading	Hauling	23.0	20.0	HHDT
Grading	Onsite truck	—	—	HHDT
Building Construction	—	—	—	—

Building Construction	Worker	63.4	11.7	LDA,LDT1,LDT2
Building Construction	Vendor	9.41	8.40	HHDT,MHDT
Building Construction	Hauling	1.88	20.0	HHDT
Building Construction	Onsite truck	—	—	HHDT
Paving	—	—	—	—
Paving	Worker	15.0	11.7	LDA,LDT1,LDT2
Paving	Vendor	—	8.40	HHDT,MHDT
Paving	Hauling	6.00	20.0	HHDT
Paving	Onsite truck	—	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	12.7	11.7	LDA,LDT1,LDT2
Architectural Coating	Vendor	—	8.40	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	—	—	HHDT
Trenching	—	—	—	—
Trenching	Worker	5.00	11.7	LDA,LDT1,LDT2
Trenching	Vendor	—	8.40	HHDT,MHDT
Trenching	Hauling	0.00	20.0	HHDT
Trenching	Onsite truck	—	—	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Control Strategies Applied	PM10 Reduction	PM2.5 Reduction
Water unpaved roads twice daily	55%	55%
Limit vehicle speeds on unpaved roads to 25 mph	44%	44%

A390

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
Architectural Coating	146,869	48,956	0.00	0.00	—

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (cy)	Material Exported (cy)	Acres Graded (acres)	Material Demolished (Ton of Debris)	Acres Paved (acres)
Demolition	0.00	0.00	0.00	—	—
Site Preparation	—	—	4.50	0.00	—
Grading	1,102	—	6.00	0.00	—
Paving	0.00	0.00	0.00	0.00	0.00

5.6.2. Construction Earthmoving Control Strategies

Control Strategies Applied	Frequency (per day)	PM10 Reduction	PM2.5 Reduction
Water Exposed Area	2	61%	61%

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
Apartments Mid Rise	—	0%
Parking Lot	0.00	100%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

A391

Year	kWh per Year	CO2	CH4	N2O
2025	0.00	100.0	0.03	< 0.005
2026	0.00	100.0	0.03	< 0.005

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Apartments Mid Rise	479	432	360	166,106	3,657	3,301	2,750	1,269,056
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

Hearth Type	Unmitigated (number)
Apartments Mid Rise	—
Wood Fireplaces	0
Gas Fireplaces	0
Propane Fireplaces	0
Electric Fireplaces	0
No Fireplaces	0
Conventional Wood Stoves	0
Catalytic Wood Stoves	0
Non-Catalytic Wood Stoves	0
Pellet Wood Stoves	0

A392

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
146869.19999999998	48,956	0.00	0.00	—

5.10.3. Landscape Equipment

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	180

5.11. Operational Energy Consumption

5.11.1. Unmitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Apartments Mid Rise	527,267	100.0	0.0330	0.0040	0.00
Parking Lot	0.00	100.0	0.0330	0.0040	0.00

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Apartments Mid Rise	3,191,443	0.00
Parking Lot	0.00	0.00

5.13. Operational Waste Generation

A393

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Apartments Mid Rise	65.0	—
Parking Lot	0.00	—

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
Apartments Mid Rise	Average room A/C & Other residential A/C and heat pumps	R-410A	2,088	< 0.005	2.50	2.50	10.0
Apartments Mid Rise	Household refrigerators and/or freezers	R-134a	1,430	0.12	0.60	0.00	1.00

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

Equipment Type	Fuel Type	Number per Day	Hours per Day	Hours per Year	Horsepower	Load Factor

5.16.2. Process Boilers

Equipment Type	Fuel Type	Number	Boiler Rating (MMBtu/hr)	Daily Heat Input (MMBtu/day)	Annual Heat Input (MMBtu/yr)

5.17. User Defined

Equipment Type	Fuel Type

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	11.8	annual days of extreme heat

A395

Extreme Precipitation	4.05	annual days with precipitation above 20 mm
Sea Level Rise	—	meters of inundation depth
Wildfire	10.7	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	N/A	N/A	N/A	N/A
Wildfire	N/A	N/A	N/A	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	0	0	0	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

A396

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	N/A	N/A	N/A	N/A
Wildfire	N/A	N/A	N/A	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	1	1	1	2

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	10.6
AQ-PM	13.2
AQ-DPM	76.3
Drinking Water	47.6
Lead Risk Housing	71.3
Pesticides	0.00

A397

Toxic Releases	26.6
Traffic	94.7
Effect Indicators	—
CleanUp Sites	33.9
Groundwater	70.3
Haz Waste Facilities/Generators	95.8
Impaired Water Bodies	0.00
Solid Waste	67.6
Sensitive Population	—
Asthma	22.0
Cardio-vascular	8.84
Low Birth Weights	18.6
Socioeconomic Factor Indicators	—
Education	2.30
Housing	6.89
Linguistic	2.81
Poverty	2.12
Unemployment	10.7

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	90.60695496
Employed	75.70896959
Median HI	97.24111382
Education	—

A398

Bachelor's or higher	94.58488387
High school enrollment	15.50109072
Preschool enrollment	95.7141024
Transportation	—
Auto Access	95.6242782
Active commuting	54.63877839
Social	—
2-parent households	81.81701527
Voting	98.1265238
Neighborhood	—
Alcohol availability	92.28795073
Park access	48.28692416
Retail density	28.12780701
Supermarket access	34.0177082
Tree canopy	92.76273579
Housing	—
Homeownership	90.68394713
Housing habitability	91.96715001
Low-inc homeowner severe housing cost burden	81.31656615
Low-inc renter severe housing cost burden	72.78326703
Uncrowded housing	70.98678301
Health Outcomes	—
Insured adults	95.73976646
Arthritis	0.0
Asthma ER Admissions	94.1
High Blood Pressure	0.0
Cancer (excluding skin)	0.0

A399

Asthma	0.0
Coronary Heart Disease	0.0
Chronic Obstructive Pulmonary Disease	0.0
Diagnosed Diabetes	0.0
Life Expectancy at Birth	93.2
Cognitively Disabled	43.0
Physically Disabled	65.4
Heart Attack ER Admissions	99.0
Mental Health Not Good	0.0
Chronic Kidney Disease	0.0
Obesity	0.0
Pedestrian Injuries	19.6
Physical Health Not Good	0.0
Stroke	0.0
Health Risk Behaviors	—
Binge Drinking	0.0
Current Smoker	0.0
No Leisure Time for Physical Activity	0.0
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	67.1
Children	51.6
Elderly	55.7
English Speaking	98.1
Foreign-born	22.8
Outdoor Workers	72.9
Climate Change Adaptive Capacity	—

Impervious Surface Cover	75.1
Traffic Density	88.5
Traffic Access	50.9
Other Indices	—
Hardship	15.1
Other Decision Support	—
2016 Voting	97.3

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	5.00
Healthy Places Index Score for Project Location (b)	97.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.
b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
A401	

Characteristics: Utility Information	Menlo Park default clean energy provider is Peninsula Clean Energy.
Land Use	Total lot acreage, number of dwelling units, square footage, and total parking spaces provided by provided worksheet.
Construction: Construction Phases	Defaults based on provided start date - added trenching.
Construction: Off-Road Equipment	Defaults based on provided land uses. Applicant is committing to the usage of Tier 4 Interim equipment.
Construction: Trips and VMT	Demolition = 75 demolition truck round trips (7.5 trips/day), Building = 207 concrete truck round trips (1.88 trips/day), Paving = 30 asphalt truck round trips (6 trips/day).
Operations: Hearths	No hearths.
Operations: Energy Use	Menlo Park REACH Code - no natural gas in new residential construction - convert natural gas to electricity.
Operations: Water and Waste Water	Wastewater treatment 100% aerobic - no septic tanks or lagoons.

2. Emissions Summary - HRA

2.2 Construction Emissions by Year, Unmitigated

Year	ROG	NOx	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	CO_2e
Daily - Summer (Max)									
2025	0.4288018	9.5841331	0.1708250	2.7980079	2.8452080	0.1598724	1.3442632	1.3914632	2732.7090972642686
2026	102.18703	9.5773863	0.1708250	0.0546072	0.2254323	0.1598724	0.0131503	0.1730228	2316.04202093077
Daily - Winter (Max)									
2025	0.4269073	9.5989706	0.1708665	0.0546072	0.2254737	0.1599139	0.0131503	0.1730643	2316.4737780400137
2026	0.4168805	9.5911172	0.1708250	0.0546072	0.2254323	0.1598724	0.0131503	0.1730228	2314.1481972373826
Average Daily									
2025	0.1639410	3.7699263	0.0613235	0.0691551	0.1304787	0.0575788	0.0270043	0.0845832	946.9526408221687
2026	2.9242802	2.9329791	0.0518391	0.0161003	0.0679394	0.0485133	0.0038770	0.0523903	700.6425053215972
Annual									
2025	0.0299192	0.6880115	0.0111915	0.0126208	0.0238123	0.0105081	0.0049282	0.0154364	156.7788162586258
2026	0.5336811	0.5352687	0.0094606	0.0029383	0.0123989	0.0088536	0.0007075	0.0095612	115.99936244903112

5.3. Construction Vehicles - HRA

5.3.1 Unmitigated

Phase Nam	Trip Type	One-Way T	Miles per T	Vehicle Mix
Demolition				
Demolitior	Worker	12.5	1	LDA,LDT1,LDT2
Demolitior	Vendor		1	HHDT,MHDT
Demolitior	Hauling	7.5	1	HHDT
Demolitior	Onsite truc			HHDT
Site Preparation				
Site Prepar	Worker	7.5	1	LDA,LDT1,LDT2
Site Prepar	Vendor		1	HHDT,MHDT
Site Prepar	Hauling	0	1	HHDT
Site Prepar	Onsite truc			HHDT
Grading				
Grading	Worker	10	1	LDA,LDT1,LDT2
Grading	Vendor		1	HHDT,MHDT
Grading	Hauling	23	1	HHDT
Grading	Onsite truc			HHDT
Building Construction				
Building Cc	Worker	63.36	1	LDA,LDT1,LDT2
Building Cc	Vendor	9.4072	1	HHDT,MHDT
Building Cc	Hauling	1.88	1	HHDT
Building Cc	Onsite truc			HHDT
Paving				
Paving	Worker	15	1	LDA,LDT1,LDT2
Paving	Vendor		1	HHDT,MHDT
Paving	Hauling	6	1	HHDT
Paving	Onsite truc			HHDT
Architectural Coating				
Architectu	Worker	12.672	1	LDA,LDT1,LDT2
Architectu	Vendor		1	HHDT,MHDT
Architectu	Hauling	0	1	HHDT
Architectu	Onsite truc			HHDT
Trenching				
Trenching	Worker	5	1	LDA,LDT1,LDT2
Trenching	Vendor		1	HHDT,MHDT
Trenching	Hauling	0	1	HHDT
Trenching	Onsite truc			HHDT

Attachment 2: Project Construction Emissions and Health Risk Calculations

320 Sheridan Drive, Menlo Park, CA
Construction Health Impact Summary

Maximum Impacts at MEI Location - Without Conditions of Approval

Emissions Year	Maximum Concentrations: Exhaust PM10/DPM (µg/m³)	Maximum Concentrations: Fugitive PM2.5 (µg/m³)	Cancer Risk (per million): Infant/Child	Hazard Index (-)	Maximum Annual PM2.5 Concentration (µg/m³)
2025 + 2026	0.0967	0.0336	17.19	0.02	0.13
Total	-	-	**17.19**		-
Maximum	0.0967	0.0336	**-**	**0.02**	**0.13**

Maximum Impacts at MEI Location - With Conditions of Approval

Emissions Year	Maximum Concentrations: Exhaust PM10/DPM (µg/m³)	Maximum Concentrations: Fugitive PM2.5 (µg/m³)	Cancer Risk (per million): Infant/Child	Hazard Index (-)	Maximum Annual PM2.5 Concentration (µg/m³)
2025 + 2026	0.0450	0.0157	8.00	0.01	0.06
Total	-	-	**8.00**	-	-
Maximum	0.0450	0.0157	**-**	**0.01**	**0.06**

Maximum Impacts at Belle Haven Home Daycare - Without Conditions of Approval

Construction Year	Unmitigated Emissions: Maximum Concentrations: Exhaust PM10/DPM (µg/m³)	Unmitigated Emissions: Maximum Concentrations: Fugitive PM2.5 (µg/m³)	Child Cancer Risk (per million)	Maximum Annual PM2.5 Concentration (µg/m³)
2025 + 2026	0.0039	0.0009	2.14	0.00
Total	-	-	**2.14**	-
Maximum	0.0039	0.0009	**-**	**0.00**

320 Sheridan Drive, Menlo Park, CA

DPM Emissions and Modeling Emission Rates - Without Conditions of Approval

Construction Year	Activity	DPM (ton/year)	Area Source	DPM Emissions (lb/yr)	DPM Emissions (lb/hr)	DPM Emissions (g/s)	Modeled Area (m^2)	DPM Emission Rate ($g/s/m^2$)
2025	Construction	0.0320	CON_DPM	63.9	0.01946	2.45E-03	10,953	2.24E-07
2026	Construction	0.0202	CON_DPM	40.3	0.01228	1.55E-03	10,953	1.41E-07
Total		***0.0521***		***104.3***	***0.0317***	***0.0040***		

Construction Hours

hr/day =	9	(8am - 5pm)
days/yr =	365	
hours/year =	3285	

DPM Construction Emissions and Modeling Emission Rates - With Conditions of Approval

Construction Year	Activity	DPM (ton/year)	Area Source	DPM Emissions (lb/yr)	DPM Emissions (lb/hr)	DPM Emissions (g/s)	Modeled Area (m^2)	DPM Emission Rate ($g/s/m^2$)
2025	Construction	0.0131	CON_DPM	26.1	0.00795	1.00E-03	10,953	9.15E-08
2026	Construction	0.0112	CON_DPM	22.4	0.00682	8.59E-04	10,953	7.84E-08
Total		***0.0243***		***48.5***	***0.0148***	***0.0019***		

Construction Hours

hr/day =	9	(8am - 5pm)
days/yr =	365	
hours/year =	3285	

320 Sheridan Drive, Menlo Park, CA

PM2.5 Fugitive Dust Emissions for Modeling - Without Conditions of Approval

Construction Year	Activity	Area Source	PM2.5 Emissions (ton/year)	PM2.5 Emissions (lb/yr)	PM2.5 Emissions (lb/hr)	PM2.5 Emissions (g/s)	Modeled Area (m^2)	PM2.5 Emission Rate $g/s/m^2$
2025	Construction	CON_FUG	0.0114	22.7	0.00692	8.71E-04	10,953	7.95E-08
2026	Construction	CON_FUG	0.0007	1.4	0.00043	5.43E-05	10,953	4.96E-09
Total			***0.0121***	***24.1***	***0.0073***	***0.0009***		

Construction Hours

hr/day =	9	(8am - 5pm)
days/yr =	365	
hours/year =	3285	

PM2.5 Fugitive Dust Construction Emissions for Modeling - With Conditions of Approval

Construction Year	Activity	Area Source	PM2.5 Emissions (ton/year)	PM2.5 Emissions (lb/yr)	PM2.5 Emissions (lb/hr)	PM2.5 Emissions (g/s)	Modeled Area (m^2)	PM2.5 Emission Rate $g/s/m^2$
2025	Construction	CON_FUG	0.0049	9.9	0.00300	3.78E-04	10,953	3.45E-08
2026	Construction	CON_FUG	0.0007	1.4	0.00043	5.43E-05	10,953	4.96E-09
Total			***0.0056***	***11.3***	***0.0034***	***0.0004***		

Construction Hours

hr/day =	9	(8am - 5pm)
days/yr =	365	
hours/year =	3285	

320 Sheridan Drive, Menlo Park, CA - Construction Impacts - Without Mitigation
Maximum DPM Cancer Risk and PM2.5 Calculations From Construction
Impacts at Off-Site MEI Location - 4.5 meter receptor height

Cancer Risk (per million) = CPF x Inhalation Dose x ASF x ED/AT x FAH x 1.0E6

Where: CPF = Cancer potency factor $(mg/kg\text{-}day)^{-1}$
ASF = Age sensitivity factor for specified age group
ED = Exposure duration (years)
AT = Averaging time for lifetime cancer risk (years)
FAH = Fraction of time spent at home (unitless)

Inhalation Dose = C_{air} x DBR x A x (EF/365) x 10^{-6}

Where: C_{air} = concentration in air $(\mu g/m^3)$
DBR = daily breathing rate (L/kg body weight-day)
A = Inhalation absorption factor
EF = Exposure frequency (days/year)
10^{-6} = Conversion factor

Values

	Infant/Child			Adult
Age -->	**3rd Trimester**	**0 - 2**	**2 - 16**	**16 - 30**
Parameter				
ASF =	10	10	3	1
CPF =	1.10E+00	1.10E+00	1.10E+00	1.10E+00
DBR* =	361	1090	572	261
A =	1	1	1	1
EF =	350	350	350	350
AT =	70	70	70	70
FAH =	1.00	1.00	1.00	0.73

* 95th percentile breathing rates for infants and 80th percentile for children and adults

Construction Cancer Risk by Year - Maximum Impact Receptor Location

			Infant/Child - Exposure Information				Adult - Exposure Information				Maximum		
			DPM Conc (ug/m3)		Age	Infant/Child	Modeled		Age	Adult			
Exposure	Exposure Duration				Sensitivity	Cancer Risk	DPM Conc (ug/m3)		Sensitivity	Cancer Risk	Hazard	Fugitive	Total
Year	(years)	Age	Year	Annual	Factor	(per million)	Year	Annual	Factor	(per million)	Index	PM2.5	PM2.5
0	0.25	-0.25 - 0*	2025 + 2026	0.0928	10	1.26	2025 + 2026	0.0928	-	-			
1	1	0 - 1	2025 + 2026	0.0928	10	15.24	2025 + 2026	0.0928	1	0.27	0.019	0.03	0.12
2	1	1 - 2		0.0000	10	0.00		0.0000	1	0.00			
3	1	2 - 3		0.0000	3	0.00		0.0000	1	0.00			
4	1	3 - 4		0.0000	3	0.00		0.0000	1	0.00			
5	1	4 - 5		0.0000	3	0.00		0.0000	1	0.00			
6	1	5 - 6		0.0000	3	0.00		0.0000	1	0.00			
7	1	6 - 7		0.0000	3	0.00		0.0000	1	0.00			
8	1	7 - 8		0.0000	3	0.00		0.0000	1	0.00			
9	1	8 - 9		0.0000	3	0.00		0.0000	1	0.00			
10	1	9 - 10		0.0000	3	0.00		0.0000	1	0.00			
11	1	10 - 11		0.0000	3	0.00		0.0000	1	0.00			
12	1	11 - 12		0.0000	3	0.00		0.0000	1	0.00			
13	1	12 - 13		0.0000	3	0.00		0.0000	1	0.00			
14	1	13 - 14		0.0000	3	0.00		0.0000	1	0.00			
15	1	14 - 15		0.0000	3	0.00		0.0000	1	0.00			
16	1	15 - 16		0.0000	3	0.00		0.0000	1	0.00			
17	1	16-17		0.0000	1	0.00		0.0000	1	0.00			
18	1	17-18		0.0000	1	0.00		0.0000	1	0.00			
19	1	18-19		0.0000	1	0.00		0.0000	1	0.00			
20	1	19-20		0.0000	1	0.00		0.0000	1	0.00			
21	1	20-21		0.0000	1	0.00		0.0000	1	0.00			
22	1	21-22		0.0000	1	0.00		0.0000	1	0.00			
23	1	22-23		0.0000	1	0.00		0.0000	1	0.00			
24	1	23-24		0.0000	1	0.00		0.0000	1	0.00			
25	1	24-25		0.0000	1	0.00		0.0000	1	0.00			
26	1	25-26		0.0000	1	0.00		0.0000	1	0.00			
27	1	26-27		0.0000	1	0.00		0.0000	1	0.00			
28	1	27-28		0.0000	1	0.00		0.0000	1	0.00			
29	1	28-29		0.0000	1	0.00		0.0000	1	0.00			
30	1	29-30		0.0000	1	0.00		0.0000	1	0.00			
Total Increased Cancer Risk						**16.50**				**0.27**			

* Third trimester of pregnancy

320 Sheridan Drive, Menlo Park, CA - Construction Impacts - Without Mitigation
Maximum DPM Cancer Risk and PM2.5 Calculations From Construction
Impacts at Off-Site MEI Location - 1.5 meter receptor height

Cancer Risk (per million) = CPF x Inhalation Dose x ASF x ED/AT x FAH x 1.0E6

Where: CPF = Cancer potency factor $(mg/kg\text{-}day)^{-1}$
ASF = Age sensitivity factor for specified age group
ED = Exposure duration (years)
AT = Averaging time for lifetime cancer risk (years)
FAH = Fraction of time spent at home (unitless)

Inhalation Dose = C_{air} x DBR x A x (EF/365) x 10^{-6}

Where: C_{air} = concentration in air $(\mu g/m^3)$
DBR = daily breathing rate (L/kg body weight-day)
A = Inhalation absorption factor
EF = Exposure frequency (days/year)
10^{-6} = Conversion factor

Values

	Infant/Child			Adult
Age -->	**3rd Trimester**	**0 - 2**	**2 - 16**	**16 - 30**
Parameter				
ASF =	10	10	3	1
CPF =	1.10E+00	1.10E+00	1.10E+00	1.10E+00
DBR* =	361	1090	572	261
A =	1	1	1	1
EF =	350	350	350	350
AT =	70	70	70	70
FAH =	1.00	1.00	1.00	0.73

* 95th percentile breathing rates for infants and 80th percentile for children and adults

Construction Cancer Risk by Year - Maximum Impact Receptor Location

			Infant/Child - Exposure Information				Adult - Exposure Information			
			DPM Conc (ug/m3)		Age	Infant/Child	Modeled DPM Conc (ug/m3)		Age	Adult
Exposure Year	**Exposure Duration (years)**	**Age**	**Year**	**Annual**	**Sensitivity Factor**	**Cancer Risk (per million)**	**Year**	**Annual**	**Sensitivity Factor**	**Cancer Risk (per million)**
0	0.25	-0.25 - 0*	2025 + 2026	0.0967	10	1.31	2025 + 2026	0.0967	-	-
1	1	0 - 1	2025 + 2026	0.0967	10	15.88	2025 + 2026	0.0967	1	0.28
2	1	1 - 2		0.0000	10	0.00		0.0000	1	0.00
3	1	2 - 3		0.0000	3	0.00		0.0000	1	0.00
4	1	3 - 4		0.0000	3	0.00		0.0000	1	0.00
5	1	4 - 5		0.0000	3	0.00		0.0000	1	0.00
6	1	5 - 6		0.0000	3	0.00		0.0000	1	0.00
7	1	6 - 7		0.0000	3	0.00		0.0000	1	0.00
8	1	7 - 8		0.0000	3	0.00		0.0000	1	0.00
9	1	8 - 9		0.0000	3	0.00		0.0000	1	0.00
10	1	9 - 10		0.0000	3	0.00		0.0000	1	0.00
11	1	10 - 11		0.0000	3	0.00		0.0000	1	0.00
12	1	11 - 12		0.0000	3	0.00		0.0000	1	0.00
13	1	12 - 13		0.0000	3	0.00		0.0000	1	0.00
14	1	13 - 14		0.0000	3	0.00		0.0000	1	0.00
15	1	14 - 15		0.0000	3	0.00		0.0000	1	0.00
16	1	15 - 16		0.0000	3	0.00		0.0000	1	0.00
17	1	16-17		0.0000	1	0.00		0.0000	1	0.00
18	1	17-18		0.0000	1	0.00		0.0000	1	0.00
19	1	18-19		0.0000	1	0.00		0.0000	1	0.00
20	1	19-20		0.0000	1	0.00		0.0000	1	0.00
21	1	20-21		0.0000	1	0.00		0.0000	1	0.00
22	1	21-22		0.0000	1	0.00		0.0000	1	0.00
23	1	22-23		0.0000	1	0.00		0.0000	1	0.00
24	1	23-24		0.0000	1	0.00		0.0000	1	0.00
25	1	24-25		0.0000	1	0.00		0.0000	1	0.00
26	1	25-26		0.0000	1	0.00		0.0000	1	0.00
27	1	26-27		0.0000	1	0.00		0.0000	1	0.00
28	1	27-28		0.0000	1	0.00		0.0000	1	0.00
29	1	28-29		0.0000	1	0.00		0.0000	1	0.00
30	1	29-30		0.0000	1	0.00		0.0000	1	0.00
Total Increased Cancer Risk						**17.19**				**0.28**

Maximum		
Hazard Index	**Fugitive PM2.5**	**Total PM2.5**
0.019	0.03	0.13

* Third trimester of pregnancy

320 Sheridan Drive, Menlo Park, CA - Construction Impacts - With Mitigation
Maximum DPM Cancer Risk and PM2.5 Calculations From Construction
Impacts at Off-Site MEI Location - 4.5 meter receptor height

Cancer Risk (per million) = CPF x Inhalation Dose x ASF x ED/AT x FAH x 1.0E6

Where: CPF = Cancer potency factor $(mg/kg\text{-}day)^{-1}$
ASF = Age sensitivity factor for specified age group
ED = Exposure duration (years)
AT = Averaging time for lifetime cancer risk (years)
FAH = Fraction of time spent at home (unitless)

Inhalation Dose = C_{air} x DBR x A x (EF/365) x 10^{-6}

Where: C_{air} = concentration in air ($\mu g/m^3$)
DBR = daily breathing rate (L/kg body weight-day)
A = Inhalation absorption factor
EF = Exposure frequency (days/year)
10^{-6} = Conversion factor

Values

	Infant/Child			Adult
Age -->	**3rd Trimester**	**0 - 2**	**2 - 16**	**16 - 30**
Parameter				
ASF =	10	10	3	1
CPF =	1.10E+00	1.10E+00	1.10E+00	1.10E+00
DBR* =	361	1090	572	261
A =	1	1	1	1
EF =	350	350	350	350
AT =	70	70	70	70
FAH =	1.00	1.00	1.00	0.73

* 95th percentile breathing rates for infants and 80th percentile for children and adults

Construction Cancer Risk by Year - Maximum Impact Receptor Location

			Infant/Child - Exposure Information				Adult - Exposure Information				Maximum		
							Modeled						
Exposure	**Exposure Duration**		**DPM Conc (ug/m3)**		**Age Sensitivity**	**Infant/Child Cancer Risk**	**DPM Conc (ug/m3)**		**Age Sensitivity**	**Adult Cancer Risk**	**Hazard**	**Fugitive**	**Total**
Year	**(years)**	**Age**	**Year**	**Annual**	**Factor**	**(per million)**	**Year**	**Annual**	**Factor**	**(per million)**	**Index**	**PM2.5**	**PM2.5**
0	0.25	-0.25 - 0*	2025 + 2026	0.0432	10	0.59	2025 + 2026	0.0432	-	-			
1	1	0 - 1	2025 + 2026	0.0432	10	7.09	2025 + 2026	0.0432	1	0.12	0.009	0.01	0.06
2	1	1 - 2		0.0000	10	0.00		0.0000	1	0.00			
3	1	2 - 3		0.0000	3	0.00		0.0000	1	0.00			
4	1	3 - 4		0.0000	3	0.00		0.0000	1	0.00			
5	1	4 - 5		0.0000	3	0.00		0.0000	1	0.00			
6	1	5 - 6		0.0000	3	0.00		0.0000	1	0.00			
7	1	6 - 7		0.0000	3	0.00		0.0000	1	0.00			
8	1	7 - 8		0.0000	3	0.00		0.0000	1	0.00			
9	1	8 - 9		0.0000	3	0.00		0.0000	1	0.00			
10	1	9 - 10		0.0000	3	0.00		0.0000	1	0.00			
11	1	10 - 11		0.0000	3	0.00		0.0000	1	0.00			
12	1	11 - 12		0.0000	3	0.00		0.0000	1	0.00			
13	1	12 - 13		0.0000	3	0.00		0.0000	1	0.00			
14	1	13 - 14		0.0000	3	0.00		0.0000	1	0.00			
15	1	14 - 15		0.0000	3	0.00		0.0000	1	0.00			
16	1	15 - 16		0.0000	3	0.00		0.0000	1	0.00			
17	1	16-17		0.0000	1	0.00		0.0000	1	0.00			
18	1	17-18		0.0000	1	0.00		0.0000	1	0.00			
19	1	18-19		0.0000	1	0.00		0.0000	1	0.00			
20	1	19-20		0.0000	1	0.00		0.0000	1	0.00			
21	1	20-21		0.0000	1	0.00		0.0000	1	0.00			
22	1	21-22		0.0000	1	0.00		0.0000	1	0.00			
23	1	22-23		0.0000	1	0.00		0.0000	1	0.00			
24	1	23-24		0.0000	1	0.00		0.0000	1	0.00			
25	1	24-25		0.0000	1	0.00		0.0000	1	0.00			
26	1	25-26		0.0000	1	0.00		0.0000	1	0.00			
27	1	26-27		0.0000	1	0.00		0.0000	1	0.00			
28	1	27-28		0.0000	1	0.00		0.0000	1	0.00			
29	1	28-29		0.0000	1	0.00		0.0000	1	0.00			
30	1	29-30		0.0000	1	0.00		0.0000	1	0.00			
Total Increased Cancer Risk						**7.68**				**0.12**			

* Third trimester of pregnancy

320 Sheridan Drive, Menlo Park, CA - Construction Impacts - With Mitigation
Maximum DPM Cancer Risk and PM2.5 Calculations From Construction
Impacts at Off-Site MEI Location - 1.5 meter receptor height

Cancer Risk (per million) = CPF x Inhalation Dose x ASF x ED/AT x FAH x 1.0E6

Where: CPF = Cancer potency factor $(mg/kg\text{-}day)^{-1}$
ASF = Age sensitivity factor for specified age group
ED = Exposure duration (years)
AT = Averaging time for lifetime cancer risk (years)
FAH = Fraction of time spent at home (unitless)

Inhalation Dose = C_{air} x DBR x A x (EF/365) x 10^{-6}

Where: C_{air} = concentration in air ($\mu g/m^3$)
DBR = daily breathing rate (L/kg body weight-day)
A = Inhalation absorption factor
EF = Exposure frequency (days/year)
10^{-6} = Conversion factor

Values

	Infant/Child			Adult
Age -->	**3rd Trimester**	**0 - 2**	**2 - 16**	**16 - 30**
Parameter				
ASF =	10	10	3	1
CPF =	1.10E+00	1.10E+00	1.10E+00	1.10E+00
DBR* =	361	1090	572	261
A =	1	1	1	1
EF =	350	350	350	350
AT =	70	70	70	70
FAH =	1.00	1.00	1.00	0.73

* 95th percentile breathing rates for infants and 80th percentile for children and adults

Construction Cancer Risk by Year - Maximum Impact Receptor Location

			Infant/Child - Exposure Information				Adult - Exposure Information				Maximum		
							Modeled						
Exposure	**Exposure Duration**		**DPM Conc (ug/m3)**		**Age Sensitivity**	**Infant/Child Cancer Risk**	**DPM Conc (ug/m3)**		**Age Sensitivity**	**Adult Cancer Risk**	**Hazard**	**Fugitive**	**Total**
Year	**(years)**	**Age**	**Year**	**Annual**	**Factor**	**(per million)**	**Year**	**Annual**	**Factor**	**(per million)**	**Index**	**PM2.5**	**PM2.5**
0	0.25	-0.25 - 0*	2025 + 2026	0.0450	10	0.61	2025 + 2026	0.0450	-	-			
1	1	0 - 1	2025 + 2026	0.0450	10	7.39	2025 + 2026	0.0450	1	0.13	0.009	0.02	0.06
2	1	1 - 2		0.0000	10	0.00		0.0000	1	0.00			
3	1	2 - 3		0.0000	3	0.00		0.0000	1	0.00			
4	1	3 - 4		0.0000	3	0.00		0.0000	1	0.00			
5	1	4 - 5		0.0000	3	0.00		0.0000	1	0.00			
6	1	5 - 6		0.0000	3	0.00		0.0000	1	0.00			
7	1	6 - 7		0.0000	3	0.00		0.0000	1	0.00			
8	1	7 - 8		0.0000	3	0.00		0.0000	1	0.00			
9	1	8 - 9		0.0000	3	0.00		0.0000	1	0.00			
10	1	9 - 10		0.0000	3	0.00		0.0000	1	0.00			
11	1	10 - 11		0.0000	3	0.00		0.0000	1	0.00			
12	1	11 - 12		0.0000	3	0.00		0.0000	1	0.00			
13	1	12 - 13		0.0000	3	0.00		0.0000	1	0.00			
14	1	13 - 14		0.0000	3	0.00		0.0000	1	0.00			
15	1	14 - 15		0.0000	3	0.00		0.0000	1	0.00			
16	1	15 - 16		0.0000	3	0.00		0.0000	1	0.00			
17	1	16-17		0.0000	1	0.00		0.0000	1	0.00			
18	1	17-18		0.0000	1	0.00		0.0000	1	0.00			
19	1	18-19		0.0000	1	0.00		0.0000	1	0.00			
20	1	19-20		0.0000	1	0.00		0.0000	1	0.00			
21	1	20-21		0.0000	1	0.00		0.0000	1	0.00			
22	1	21-22		0.0000	1	0.00		0.0000	1	0.00			
23	1	22-23		0.0000	1	0.00		0.0000	1	0.00			
24	1	23-24		0.0000	1	0.00		0.0000	1	0.00			
25	1	24-25		0.0000	1	0.00		0.0000	1	0.00			
26	1	25-26		0.0000	1	0.00		0.0000	1	0.00			
27	1	26-27		0.0000	1	0.00		0.0000	1	0.00			
28	1	27-28		0.0000	1	0.00		0.0000	1	0.00			
29	1	28-29		0.0000	1	0.00		0.0000	1	0.00			
30	1	29-30		0.0000	1	0.00		0.0000	1	0.00			
Total Increased Cancer Risk						**8.00**				**0.13**			

* Third trimester of pregnancy

320 Sheridan Drive, Menlo Park, CA - Construction Impacts - Without Mitigation
Maximum DPM Cancer Risk and PM2.5 Calculations From Construction
Impacts at Belle Haven Home Daycare - 1 meter - Infant/Child Exposure

Student Cancer Risk (per million) = CPF x Inhalation Dose x ASF x ED/AT x 1.0E6

Where: CPF = Cancer potency factor (mg/kg-day)$^{-1}$
ASF = Age sensitivity factor for specified age group
ED = Exposure duration (years)
AT = Averaging time for lifetime cancer risk (years)

Inhalation Dose = C_{air} x SCAF x 8-Hr BR x A x (EF/365) x 10^{-6}

Where: C_{air} = concentration in air (µg/m^3)
SCAF = School Child Adjustment Factor (unitless) for source operation and exposures different than 8 hours/day
= (24/SHR) x (7days/SDay) x (SCHR/8 hrs)
SHR = Hours/day of emission source operation
SDay = Number of days per week of source operation
SCHR = School operation hours while emission source in operation
8-Hr BR = Eight-hour breathing rate (L/kg body weight-per 8 hrs)
A = Inhalation absorption factor
EF = Exposure frequency (days/year)
10^{-6} = Conversion factor

Values

	Infant	Child
Age -->	**0 - <2**	**2 - <16**
Parameter		
ASF =	10	3
DPM CPF =	1.10E+00	1.10E+00
8-Hr BR* =	1200	520
SCHR =	9	9
SHR =	9	9
SDay =	5	5
A =	1	1
EF =	250	250
AT =	70	70
SCAF =	4.20	4.20

* 95th percentile 8-hr breathing rates for moderate intensity activities

Construction Cancer Risk by Year - Maximum Preschool Impact Receptor Location

			Child - Exposure Information			Child	Maximum		
Exposure Year	Exposure Duration (years)	Age	DPM Conc (ug/m3) Year	DPM Conc (ug/m3) Annual	Age* Sensitivity Factor	Cancer Risk (per million)	Hazard Index	Fugitive PM2.5	Total PM2.5
1	1	1.5 - 2.5	2025 + 2026	0.0039	10	2.14	0.001	0.00	0.00
Total Increased Cancer Risk						**2.14**			

* Children assumed to be 1.5 years of age with 1 year of exposure to construction emissions

Attachment 3: Cumulative Screening Information and Modeling Calculations

320 Sheridan Drive, Menlo Park, CA - Highway 101 Traffic - TACs & PM2.5
AERMOD Risk Modeling Parameters and Maximum Concentrations
at Project MEI Receptor (1.5 meter receptor height)

Emission Year	2025
Receptor Information	Project MEI receptor
Number of Receptors	1
Receptor Height	1.5 meters
Receptor Distances	At Project MEI location
Meteorological Conditions	
BAAQMD San Carlos Airport Met Data	2011 - 2015
Land Use Classification	Urban
Wind Speed	Variable
Wind Direction	Variable

Construction MEI Cancer Risk Maximum Concentrations

Meteorological Data Years	Concentration (µg/m3)		
	DPM	Exhaust TOG	Evaporative TOG
2011 - 2015	0.0126	0.4170	0.3055

Construction MEI PM2.5 Maximum Concentrations

Meteorological Data Years	PM2.5 Concentration (µg/m3)		
	Total PM2.5	Fugitive PM2.5	Vehicle PM2.5
2011 - 2015	0.3259	0.2895	0.0364

320 Sheridan Drive, Menlo Park, CA - Highway 101 Traffic Cancer Risk
Impacts at Project MEIs - 1.5 meter receptor height
30 Year Residential Exposure

Cancer Risk Calculation Method

Cancer Risk (per million) = CPF x Inhalation Dose x ASF x ED/AT x FAH x 1.0E6

Where: CPF = Cancer potency factor $(mg/kg\text{-}day)^{-1}$
ASF = Age sensitivity factor for specified age group
ED = Exposure duration (years)
AT = Averaging time for lifetime cancer risk (years)
FAH = Fraction of time spent at home (unitless)

Inhalation Dose = C_{air} x DBR x A x (EF/365) x 10^{-6}

Where: C_{air} = concentration in air $(\mu g/m^3)$
DBR = daily breathing rate (L/kg body weight-day)
A = Inhalation absorption factor
EF = Exposure frequency (days/year)
10^{-6} = Conversion factor

Cancer Potency Factors $(mg/kg\text{-}day)^{-1}$

TAC	CPF
DPM	1.10E+00
Vehicle TOG Exhaust	6.28E-03
Vehicle TOG Evaporative	3.70E-04

Values

	Infant/Child			Adult
Age -->	3rd Trimester	0 - 2	2 - 16	16 - 30
Parameter				
ASF =	10	10	3	1
DBR* =	361	1090	572	261
A =	1	1	1	1
EF =	350	350	350	350
AT =	70	70	70	70
FAH =	1.00	1.00	1.00	0.73

* 95th percentile breathing rates for infants and 80th percentile for children and adults

Construction Cancer Risk by Year - Maximum Impact Receptor Location

Maximum - Exposure Information					Concentration (ug/m3)			Cancer Risk (per million)			TOTAL
Exposure Year	Exposure Duration (years)	Age	Year	Age Sensitivity Factor	DPM	Exhaust TOG	Evaporative TOG	DPM	Exhaust TOG	Evaporative TOG	
0	0.25	-0.25 - 0*	2025	10	0.0126	0.4170	0.3055	0.171	0.032	0.0014	0.20
1	1	0 - 1	2025	10	0.0126	0.4170	0.3055	2.068	0.391	0.0169	2.48
2	1	1 - 2	2026	10	0.0126	0.4170	0.3055	2.068	0.391	0.0169	2.48
3	1	2 - 3	2027	3	0.0126	0.4170	0.3055	0.326	0.062	0.0027	0.39
4	1	3 - 4	2028	3	0.0126	0.4170	0.3055	0.326	0.062	0.0027	0.39
5	1	4 - 5	2029	3	0.0126	0.4170	0.3055	0.326	0.062	0.0027	0.39
6	1	5 - 6	2030	3	0.0126	0.4170	0.3055	0.326	0.062	0.0027	0.39
7	1	6 - 7	2031	3	0.0126	0.4170	0.3055	0.326	0.062	0.0027	0.39
8	1	7 - 8	2032	3	0.0126	0.4170	0.3055	0.326	0.062	0.0027	0.39
9	1	8 - 9	2033	3	0.0126	0.4170	0.3055	0.326	0.062	0.0027	0.39
10	1	9 - 10	2034	3	0.0126	0.4170	0.3055	0.326	0.062	0.0027	0.39
11	1	10 - 11	2035	3	0.0126	0.4170	0.3055	0.326	0.062	0.0027	0.39
12	1	11 - 12	2036	3	0.0126	0.4170	0.3055	0.326	0.062	0.0027	0.39
13	1	12 - 13	2037	3	0.0126	0.4170	0.3055	0.326	0.062	0.0027	0.39
14	1	13 - 14	2038	3	0.0126	0.4170	0.3055	0.326	0.062	0.0027	0.39
15	1	14 - 15	2039	3	0.0126	0.4170	0.3055	0.326	0.062	0.0027	0.39
16	1	15 - 16	2040	3	0.0126	0.4170	0.3055	0.326	0.062	0.0027	0.39
17	1	16-17	2041	1	0.0126	0.4170	0.3055	0.036	0.007	0.0003	0.04
18	1	17-18	2042	1	0.0126	0.4170	0.3055	0.036	0.007	0.0003	0.04
19	1	18-19	2043	1	0.0126	0.4170	0.3055	0.036	0.007	0.0003	0.04
20	1	19-20	2044	1	0.0126	0.4170	0.3055	0.036	0.007	0.0003	0.04
21	1	20-21	2045	1	0.0126	0.4170	0.3055	0.036	0.007	0.0003	0.04
22	1	21-22	2046	1	0.0126	0.4170	0.3055	0.036	0.007	0.0003	0.04
23	1	22-23	2047	1	0.0126	0.4170	0.3055	0.036	0.007	0.0003	0.04
24	1	23-24	2048	1	0.0126	0.4170	0.3055	0.036	0.007	0.0003	0.04
25	1	24-25	2049	1	0.0126	0.4170	0.3055	0.036	0.007	0.0003	0.04
26	1	25-26	2050	1	0.0126	0.4170	0.3055	0.036	0.007	0.0003	0.04
27	1	26-27	2051	1	0.0126	0.4170	0.3055	0.036	0.007	0.0003	0.04
28	1	27-28	2052	1	0.0126	0.4170	0.3055	0.036	0.007	0.0003	0.04
29	1	28-29	2053	1	0.0126	0.4170	0.3055	0.036	0.007	0.0003	0.04
30	1	29-30	2054	1	0.0126	0.4170	0.3055	0.036	0.007	0.0003	0.04
Total Increased Cancer Risk								9.37	1.772	0.076	**11.22**

Maximum Hazard Index	Fugitive PM2.5	Total PM2.5
0.00252	0.29	0.33

* Third trimester of pregnancy

320 Sheridan Drive, Menlo Park, CA - Highway 101 Traffic - TACs & PM2.5
AERMOD Risk Modeling Parameters and Maximum Concentrations
at Onsite MEI Receptor (meter receptor height)

Emission Year	2027
Receptor Information	Onsite MEI receptor
Number of Receptors	162
Receptor Height	4.5 & 1.5 meters
Receptor Distances	At Onsite MEI location

Meteorological Conditions	
BAAQMD San Carlos Airport Met Data	2011 - 2015
Land Use Classification	Urban
Wind Speed	Variable
Wind Direction	Variable

Construction MEI Cancer Risk Maximum Concentrations

Meteorological Data Years	Concentration (µg/m3)			
	DPM	Exhaust TOG	Evaporative TOG	
2011 - 2015	0.0226	0.8361	0.6610	1st Floor
2011 - 2015	0.0208	0.7245	0.5704	2nd Floor

Construction MEI PM2.5 Maximum Concentrations

Meteorological Data Years	PM2.5 Concentration (µg/m3)			
	Total PM2.5	Fugitive PM2.5	Vehicle PM2.5	
2011 - 2015	0.7479	0.6732	0.0747	1st Floor
2011 - 2015	0.6466	0.5820	0.0647	2nd Floor

320 Sheridan Drive, Menlo Park, CA - Highway 101 Traffic Cancer Risk
Impacts at Onsite MEI - 1.5 meter receptor height
30 Year Residential Exposure

Cancer Risk Calculation Method

Cancer Risk (per million) = CPF x Inhalation Dose x ASF x ED/AT x FAH x 1.0E6

Where: CPF = Cancer potency factor $(mg/kg\text{-}day)^{-1}$
ASF = Age sensitivity factor for specified age group
ED = Exposure duration (years)
AT = Averaging time for lifetime cancer risk (years)
FAH = Fraction of time spent at home (unitless)

Inhalation Dose = C_{air} x DBR x A x (EF/365) x 10^{-6}

Where: C_{air} = concentration in air $(\mu g/m^3)$
DBR = daily breathing rate (L/kg body weight-day)
A = Inhalation absorption factor
EF = Exposure frequency (days/year)
10^{-6} = Conversion factor

Cancer Potency Factors $(mg/kg\text{-}day)^{-1}$

TAC	CPF
DPM	1.10E+00
Vehicle TOG Exhaust	6.28E-03
Vehicle TOG Evaporative	3.70E-04

Values

	Infant/Child			Adult
Age -->	**3rd Trimester**	**0 - 2**	**2 - 16**	**16 - 30**
Parameter				
ASF =	10	10	3	1
DBR* =	361	1090	572	261
A =	1	1	1	1
EF =	350	350	350	350
AT =	70	70	70	70
FAH =	1.00	1.00	1.00	0.73

* 95th percentile breathing rates for infants and 80th percentile for children and adults

Construction Cancer Risk by Year - Maximum Impact Receptor Location

Maximum - Exposure Information					Concentration (ug/m3)			Cancer Risk (per million)			TOTAL
Exposure Year	**Exposure Duration (years)**	**Age**	**Year**	**Age Sensitivity Factor**	**DPM**	**Exhaust TOG**	**Evaporative TOG**	**DPM**	**Exhaust TOG**	**Evaporative TOG**	
0	0.25	-0.25 - 0*	2027	10	0.0226	0.8361	0.6610	0.307	0.065	0.0030	0.38
1	1	0 - 1	2027	10	0.0226	0.8361	0.6610	3.709	0.784	0.0365	4.53
2	1	1 - 2	2028	10	0.0226	0.8361	0.6610	3.709	0.784	0.0365	4.53
3	1	2 - 3	2029	3	0.0226	0.8361	0.6610	0.584	0.123	0.0057	0.71
4	1	3 - 4	2030	3	0.0226	0.8361	0.6610	0.584	0.123	0.0057	0.71
5	1	4 - 5	2031	3	0.0226	0.8361	0.6610	0.584	0.123	0.0057	0.71
6	1	5 - 6	2032	3	0.0226	0.8361	0.6610	0.584	0.123	0.0057	0.71
7	1	6 - 7	2033	3	0.0226	0.8361	0.6610	0.584	0.123	0.0057	0.71
8	1	7 - 8	2034	3	0.0226	0.8361	0.6610	0.584	0.123	0.0057	0.71
9	1	8 - 9	2035	3	0.0226	0.8361	0.6610	0.584	0.123	0.0057	0.71
10	1	9 - 10	2036	3	0.0226	0.8361	0.6610	0.584	0.123	0.0057	0.71
11	1	10 - 11	2037	3	0.0226	0.8361	0.6610	0.584	0.123	0.0057	0.71
12	1	11 - 12	2038	3	0.0226	0.8361	0.6610	0.584	0.123	0.0057	0.71
13	1	12 - 13	2039	3	0.0226	0.8361	0.6610	0.584	0.123	0.0057	0.71
14	1	13 - 14	2040	3	0.0226	0.8361	0.6610	0.584	0.123	0.0057	0.71
15	1	14 - 15	2041	3	0.0226	0.8361	0.6610	0.584	0.123	0.0057	0.71
16	1	15 - 16	2042	3	0.0226	0.8361	0.6610	0.584	0.123	0.0057	0.71
17	1	16-17	2043	1	0.0226	0.8361	0.6610	0.065	0.014	0.0006	0.08
18	1	17-18	2044	1	0.0226	0.8361	0.6610	0.065	0.014	0.0006	0.08
19	1	18-19	2045	1	0.0226	0.8361	0.6610	0.065	0.014	0.0006	0.08
20	1	19-20	2046	1	0.0226	0.8361	0.6610	0.065	0.014	0.0006	0.08
21	1	20-21	2047	1	0.0226	0.8361	0.6610	0.065	0.014	0.0006	0.08
22	1	21-22	2048	1	0.0226	0.8361	0.6610	0.065	0.014	0.0006	0.08
23	1	22-23	2049	1	0.0226	0.8361	0.6610	0.065	0.014	0.0006	0.08
24	1	23-24	2050	1	0.0226	0.8361	0.6610	0.065	0.014	0.0006	0.08
25	1	24-25	2051	1	0.0226	0.8361	0.6610	0.065	0.014	0.0006	0.08
26	1	25-26	2052	1	0.0226	0.8361	0.6610	0.065	0.014	0.0006	0.08
27	1	26-27	2053	1	0.0226	0.8361	0.6610	0.065	0.014	0.0006	0.08
28	1	27-28	2054	1	0.0226	0.8361	0.6610	0.065	0.014	0.0006	0.08
29	1	28-29	2055	1	0.0226	0.8361	0.6610	0.065	0.014	0.0006	0.08
30	1	29-30	2056	1	0.0226	0.8361	0.6610	0.065	0.014	0.0006	0.08
Total Increased Cancer Risk								16.81	3.553	0.165	**20.52**

Maximum Hazard Index	**Fugitive PM2.5**	**Total PM2.5**
0.00452	0.67	0.75

* Third trimester of pregnancy

320 Sheridan Drive, Menlo Park, CA - Highway 101 Traffic Cancer Risk - with MERV13 Filtration
Impacts at Onsite MEI - 1.5 meter receptor height
30 Year Residential Exposure

Cancer Risk Calculation Method

Cancer Risk (per million) = CPF x Inhalation Dose x ASF x ED/AT x FAH x 1.0E6

Where: CPF = Cancer potency factor $(mg/kg\text{-}day)^{-1}$
ASF = Age sensitivity factor for specified age group
ED = Exposure duration (years)
AT = Averaging time for lifetime cancer risk (years)
FAH = Fraction of time spent at home (unitless)

Inhalation Dose = C_{air} x DBR x A x (EF/365) x 10^{-6}

Where: C_{air} = concentration in air $(\mu g/m^3)$
DBR = daily breathing rate (L/kg body weight-day)
A = Inhalation absorption factor
EF = Exposure frequency (days/year)
10^{-6} = Conversion factor

Cancer Potency Factors $(mg/kg\text{-}day)^{-1}$

TAC	CPF
DPM	1.10E+00
Vehicle TOG Exhaust	6.28E-03
Vehicle TOG Evaporative	3.70E-04

Values

	Infant/Child			Adult
Age -->	**3rd Trimester**	**0 - 2**	**2 - 16**	**16 - 30**
Parameter				
ASF =	10	10	3	1
DBR* =	361	1090	572	261
A =	1	1	1	1
EF =	350	350	350	350
AT =	70	70	70	70
FAH =	1.00	1.00	1.00	0.73

* 95th percentile breathing rates for infants and 80th percentile for children and adults

Construction Cancer Risk by Year - Maximum Impact Receptor Location

Maximum - Exposure Information					Concentration (ug/m3)			Cancer Risk (per million)			TOTAL
Exposure Year	**Exposure Duration (years)**	**Age**	**Year**	**Age Sensitivity Factor**	**DPM**	**Exhaust TOG**	**Evaporative TOG**	**DPM**	**Exhaust TOG**	**Evaporative TOG**	
0	0.25	-0.25 - 0*	2027	10	0.0068	0.8361	0.6610	0.092	0.065	0.0030	0.16
1	1	0 - 1	2027	10	0.0068	0.8361	0.6610	1.113	0.784	0.0365	1.93
2	1	1 - 2	2028	10	0.0068	0.8361	0.6610	1.113	0.784	0.0365	1.93
3	1	2 - 3	2029	3	0.0068	0.8361	0.6610	0.175	0.123	0.0057	0.30
4	1	3 - 4	2030	3	0.0068	0.8361	0.6610	0.175	0.123	0.0057	0.30
5	1	4 - 5	2031	3	0.0068	0.8361	0.6610	0.175	0.123	0.0057	0.30
6	1	5 - 6	2032	3	0.0068	0.8361	0.6610	0.175	0.123	0.0057	0.30
7	1	6 - 7	2033	3	0.0068	0.8361	0.6610	0.175	0.123	0.0057	0.30
8	1	7 - 8	2034	3	0.0068	0.8361	0.6610	0.175	0.123	0.0057	0.30
9	1	8 - 9	2035	3	0.0068	0.8361	0.6610	0.175	0.123	0.0057	0.30
10	1	9 - 10	2036	3	0.0068	0.8361	0.6610	0.175	0.123	0.0057	0.30
11	1	10 - 11	2037	3	0.0068	0.8361	0.6610	0.175	0.123	0.0057	0.30
12	1	11 - 12	2038	3	0.0068	0.8361	0.6610	0.175	0.123	0.0057	0.30
13	1	12 - 13	2039	3	0.0068	0.8361	0.6610	0.175	0.123	0.0057	0.30
14	1	13 - 14	2040	3	0.0068	0.8361	0.6610	0.175	0.123	0.0057	0.30
15	1	14 - 15	2041	3	0.0068	0.8361	0.6610	0.175	0.123	0.0057	0.30
16	1	15 - 16	2042	3	0.0068	0.8361	0.6610	0.175	0.123	0.0057	0.30
17	1	16-17	2043	1	0.0068	0.8361	0.6610	0.019	0.014	0.0006	0.03
18	1	17-18	2044	1	0.0068	0.8361	0.6610	0.019	0.014	0.0006	0.03
19	1	18-19	2045	1	0.0068	0.8361	0.6610	0.019	0.014	0.0006	0.03
20	1	19-20	2046	1	0.0068	0.8361	0.6610	0.019	0.014	0.0006	0.03
21	1	20-21	2047	1	0.0068	0.8361	0.6610	0.019	0.014	0.0006	0.03
22	1	21-22	2048	1	0.0068	0.8361	0.6610	0.019	0.014	0.0006	0.03
23	1	22-23	2049	1	0.0068	0.8361	0.6610	0.019	0.014	0.0006	0.03
24	1	23-24	2050	1	0.0068	0.8361	0.6610	0.019	0.014	0.0006	0.03
25	1	24-25	2051	1	0.0068	0.8361	0.6610	0.019	0.014	0.0006	0.03
26	1	25-26	2052	1	0.0068	0.8361	0.6610	0.019	0.014	0.0006	0.03
27	1	26-27	2053	1	0.0068	0.8361	0.6610	0.019	0.014	0.0006	0.03
28	1	27-28	2054	1	0.0068	0.8361	0.6610	0.019	0.014	0.0006	0.03
29	1	28-29	2055	1	0.0068	0.8361	0.6610	0.019	0.014	0.0006	0.03
30	1	29-30	2056	1	0.0068	0.8361	0.6610	0.019	0.014	0.0006	0.03
Total Increased Cancer Risk								5.04	3.553	0.165	**8.76**

Maximum Hazard Index	**Fugitive PM2.5**	**Total PM2.5**
0.00135	0.20	0.22

* Third trimester of pregnancy

320 Sheridan Drive, Menlo Park, CA - Highway 101 Traffic Cancer Risk
Impacts at Onsite MEI - 4.5 meter receptor height
30 Year Residential Exposure

Cancer Risk Calculation Method

Cancer Risk (per million) = CPF x Inhalation Dose x ASF x ED/AT x FAH x 1.0E6

Where: CPF = Cancer potency factor $(mg/kg\text{-}day)^{-1}$
ASF = Age sensitivity factor for specified age group
ED = Exposure duration (years)
AT = Averaging time for lifetime cancer risk (years)
FAH = Fraction of time spent at home (unitless)

Inhalation Dose = C_{air} x DBR x A x (EF/365) x 10^{-6}

Where: C_{air} = concentration in air $(\mu g/m^3)$
DBR = daily breathing rate (L/kg body weight-day)
A = Inhalation absorption factor
EF = Exposure frequency (days/year)
10^{-6} = Conversion factor

Cancer Potency Factors $(mg/kg\text{-}day)^{-1}$

TAC	CPF
DPM	1.10E+00
Vehicle TOG Exhaust	6.28E-03
Vehicle TOG Evaporative	3.70E-04

Values

	Infant/Child			Adult
Age -->	3rd Trimester	0 - 2	2 - 16	16 - 30
Parameter				
ASF =	10	10	3	1
DBR* =	361	1090	572	261
A =	1	1	1	1
EF =	350	350	350	350
AT =	70	70	70	70
FAH =	1.00	1.00	1.00	0.73

* 95th percentile breathing rates for infants and 80th percentile for children and adults

Construction Cancer Risk by Year - Maximum Impact Receptor Location

Maximum - Exposure Information					Concentration (ug/m3)			Cancer Risk (per million)			TOTAL
Exposure Year	Exposure Duration (years)	Age	Year	Age Sensitivity Factor	DPM	Exhaust TOG	Evaporative TOG	DPM	Exhaust TOG	Evaporative TOG	
0	0.25	-0.25 - 0*	2027	10	0.0208	0.7245	0.5704	0.283	0.056	0.0026	0.34
1	1	0 - 1	2027	10	0.0208	0.7245	0.5704	3.416	0.679	0.0315	4.13
2	1	1 - 2	2028	10	0.0208	0.7245	0.5704	3.416	0.679	0.0315	4.13
3	1	2 - 3	2029	3	0.0208	0.7245	0.5704	0.538	0.107	0.0050	0.65
4	1	3 - 4	2030	3	0.0208	0.7245	0.5704	0.538	0.107	0.0050	0.65
5	1	4 - 5	2031	3	0.0208	0.7245	0.5704	0.538	0.107	0.0050	0.65
6	1	5 - 6	2032	3	0.0208	0.7245	0.5704	0.538	0.107	0.0050	0.65
7	1	6 - 7	2033	3	0.0208	0.7245	0.5704	0.538	0.107	0.0050	0.65
8	1	7 - 8	2034	3	0.0208	0.7245	0.5704	0.538	0.107	0.0050	0.65
9	1	8 - 9	2035	3	0.0208	0.7245	0.5704	0.538	0.107	0.0050	0.65
10	1	9 - 10	2036	3	0.0208	0.7245	0.5704	0.538	0.107	0.0050	0.65
11	1	10 - 11	2037	3	0.0208	0.7245	0.5704	0.538	0.107	0.0050	0.65
12	1	11 - 12	2038	3	0.0208	0.7245	0.5704	0.538	0.107	0.0050	0.65
13	1	12 - 13	2039	3	0.0208	0.7245	0.5704	0.538	0.107	0.0050	0.65
14	1	13 - 14	2040	3	0.0208	0.7245	0.5704	0.538	0.107	0.0050	0.65
15	1	14 - 15	2041	3	0.0208	0.7245	0.5704	0.538	0.107	0.0050	0.65
16	1	15 - 16	2042	3	0.0208	0.7245	0.5704	0.538	0.107	0.0050	0.65
17	1	16-17	2043	1	0.0208	0.7245	0.5704	0.060	0.012	0.0006	0.07
18	1	17-18	2044	1	0.0208	0.7245	0.5704	0.060	0.012	0.0006	0.07
19	1	18-19	2045	1	0.0208	0.7245	0.5704	0.060	0.012	0.0006	0.07
20	1	19-20	2046	1	0.0208	0.7245	0.5704	0.060	0.012	0.0006	0.07
21	1	20-21	2047	1	0.0208	0.7245	0.5704	0.060	0.012	0.0006	0.07
22	1	21-22	2048	1	0.0208	0.7245	0.5704	0.060	0.012	0.0006	0.07
23	1	22-23	2049	1	0.0208	0.7245	0.5704	0.060	0.012	0.0006	0.07
24	1	23-24	2050	1	0.0208	0.7245	0.5704	0.060	0.012	0.0006	0.07
25	1	24-25	2051	1	0.0208	0.7245	0.5704	0.060	0.012	0.0006	0.07
26	1	25-26	2052	1	0.0208	0.7245	0.5704	0.060	0.012	0.0006	0.07
27	1	26-27	2053	1	0.0208	0.7245	0.5704	0.060	0.012	0.0006	0.07
28	1	27-28	2054	1	0.0208	0.7245	0.5704	0.060	0.012	0.0006	0.07
29	1	28-29	2055	1	0.0208	0.7245	0.5704	0.060	0.012	0.0006	0.07
30	1	29-30	2056	1	0.0208	0.7245	0.5704	0.060	0.012	0.0006	0.07
Total Increased Cancer Risk								15.48	3.079	0.143	**18.70**

Maximum Hazard Index	Maximum Fugitive PM2.5	Total PM2.5
0.00416	0.58	0.65

* Third trimester of pregnancy

File Name: Highway 2025.EF
CT-EMFAC2021 Version: 1.0.2.0
Run Date: 2/22/2024 3:07:03 PM
Area: San Mateo (SF)
Analysis Year: 2025
Season: Annual

==========

Vehicle Category	VMT Fraction	Diesel VMT Fraction	Gas VMT Fraction
	Across Category	Within Category	Within Category
Truck 1	0.026	0.385	0.601
Truck 2	0.019	0.820	0.133
Non-Truck	0.955	0.010	0.928

==========

Road Type: Freeway
Silt Loading Factor: CARB 0.015 g/m2
Precipitation Correction: CARB P = 74 days N = 365 days

==========

Fleet Average Running Exhaust Emission Factors (grams/veh-mile)

Pollutant Name	55 mph	60 mph	65 mph	70 mph
PM2.5	0.001239	0.001362	0.001549	0.001650
TOG	0.015191	0.016050	0.017746	0.018973
Diesel PM	0.000452	0.000515	0.000581	0.000583

==========

Fleet Average Running Loss Emission Factors (grams/veh-hour)

Pollutant Name	Emission Factor
TOG	0.837673

==========

Fleet Average Tire Wear Factors (grams/veh-mile)

Pollutant Name	Emission Factor
PM2.5	0.002080

==========

Fleet Average Brake Wear Factors (grams/veh-mile)

Pollutant Name	55 mph	60 mph	65 mph	70 mph
PM2.5	0.002590	0.002290	0.001990	0.001990

==========

Fleet Average Road Dust Factors (grams/veh-mile)

Pollutant Name	Emission Factor
PM2.5	0.008127

==========END==========

File Name: Highway 2027.EF
CT-EMFAC2021 Version: 1.0.2.0
Run Date: 2/22/2024 3:07:15 PM
Area: San Mateo (SF)
Analysis Year: 2027
Season: Annual

==========

Vehicle Category	VMT Fraction	Diesel VMT Fraction	Gas VMT Fraction
	Across Category	Within Category	Within Category
Truck 1	0.026	0.387	0.573
Truck 2	0.019	0.801	0.132
Non-Truck	0.955	0.010	0.924

==========

Road Type: Freeway
Silt Loading Factor: CARB 0.015 g/m2
Precipitation Correction: CARB P = 74 days N = 365 days

==========

Fleet Average Running Exhaust Emission Factors (grams/veh-mile)

Pollutant Name	55 mph	60 mph	65 mph	70 mph
PM2.5	0.001107	0.001220	0.001392	0.001481
TOG	0.013302	0.014031	0.015487	0.016534
Diesel PM	0.000401	0.000461	0.000526	0.000528

==========

Fleet Average Running Loss Emission Factors (grams/veh-hour)

Pollutant Name	Emission Factor
TOG	0.784870

==========

Fleet Average Tire Wear Factors (grams/veh-mile)

Pollutant Name	Emission Factor
PM2.5	0.002079

==========

Fleet Average Brake Wear Factors (grams/veh-mile)

Pollutant Name	55 mph	60 mph	65 mph	70 mph
PM2.5	0.002587	0.002286	0.001984	0.001984

==========

Fleet Average Road Dust Factors (grams/veh-mile)

Pollutant Name	Emission Factor
PM2.5	0.008231

==========END==========

320 Sheridan Drive, Menlo Park, CA - Off-Site Residential
Cumulative Traffic - Highway 101
DPM Modeling - Roadway Links, Traffic Volumes, and DPM Emissions
Year = 2025

Road Link	Description	Direction	No. Lanes	Link Length (m)	Link Length (mi)	Link Width (m)	Link Width (ft)	Release Height (m)	Average Speed (mph)	Average Vehicles per Day	Line Area Area (sq m)	Area (sq ft)	Emission (g/s/m2)	Emission (lb/hr/ft2)	Initial Vertical height (m)	(Sigma z) Initial Vertical Dimension
DPM_NB_101	Highway 101 Northbound	NB	5	747.9	0.46	24.3	79.7	3.4	66.9	80,080	18,165	195,526	1.382E-08	1.019E-08	6.8	3.16
DPM_SB_101	Highway 101 Southbound	SB	5	751.8	0.47	24.3	79.7	3.4	65.4	80,080	18,260	196,546	1.382E-08	1.019E-08	6.8	3.16
									Total	160,159						

Emission Factors

Speed Category	1	2	3	4
Travel Speed (mph)	70	65	60	55
Emissions per Vehicle (g/VMT)	0.00058	0.000581	0.000515	0.000452

Emisson Factors from CT-EMFAC2017

2025 Hourly Traffic Volumes and DPM Emissions - DPM_NB_101

Hour	% Per Hour	VPH	g/s	Hour	% Per Hour	VPH	g/s	Hour	% Per Hour	VPH	g/s
1	1.42%	1135	8.54E-05	9	5.65%	4527	3.01E-04	17	6.02%	4819	3.61E-04
2	1.14%	911	6.86E-05	10	5.63%	4510	3.38E-04	18	5.93%	4747	3.56E-04
3	1.06%	852	6.41E-05	11	5.51%	4411	3.31E-04	19	5.69%	4557	3.42E-04
4	1.21%	967	7.28E-05	12	5.63%	4510	3.38E-04	20	5.05%	4044	3.03E-04
5	1.62%	1296	9.75E-05	13	5.61%	4493	3.37E-04	21	4.24%	3393	2.55E-04
6	2.90%	2322	1.75E-04	14	5.72%	4583	3.44E-04	22	3.74%	2997	2.26E-04
7	4.30%	3443	2.58E-04	15	5.88%	4712	3.53E-04	23	2.82%	2261	1.70E-04
8	5.33%	4267	3.20E-04	16	5.96%	4777	3.58E-04	24	1.93%	1545	1.16E-04
								Total		80,080	

2025 Hourly Traffic Volumes Per Direction and DPM Emissions - DPM_SB_101

Hour	% Per Hour	VPH	g/mile	Hour	% Per Hour	VPH	g/mile	Hour	% Per Hour	VPH	g/mile
1	1.41%	1126	8.52E-05	9	5.37%	4299	2.52E-04	17	6.75%	5403	3.61E-04
2	0.86%	690	5.22E-05	10	5.39%	4320	2.53E-04	18	6.54%	5235	3.50E-04
3	0.59%	476	3.60E-05	11	5.83%	4673	3.12E-04	19	5.75%	4605	3.47E-04
4	0.47%	377	2.85E-05	12	5.94%	4754	3.58E-04	20	4.90%	3924	2.96E-04
5	0.73%	587	4.44E-05	13	6.08%	4869	3.67E-04	21	4.54%	3638	2.75E-04
6	1.59%	1275	9.65E-05	14	6.15%	4926	3.71E-04	22	4.20%	3360	2.54E-04
7	2.90%	2322	1.75E-04	15	6.39%	5115	3.86E-04	23	3.60%	2881	2.18E-04
8	5.08%	4071	2.72E-04	16	6.60%	5286	3.99E-04	24	2.34%	1871	1.42E-04
								Total		80,080	

320 Sheridan Drive, Menlo Park, CA - Off-Site Residential
Cumulative Traffic - Highway 101
PM2.5 Modeling - Roadway Links, Traffic Volumes, and PM2.5 Emissions
Year = 2025

Road Link	Description	Direction	No. Lanes	Link Length (m)	Link Length (mi)	Link Width (m)	Link Width (ft)	Release Height (m)	Average Speed (mph)	Average Vehicles per Day	Area (sq m)	Area (sq ft)	Emission (g/s/m2)	Emission (lb/hr/ft2)	Initial Vertical height (m)	(Sigma z) Initial Vertical Dimension
PM2.5_NB_101	Highway 101 Northbound	NB	5	747.9	0.46	24.3	80	1.3	66.875	80,080	18,165	195,526	3.91E-08	2.88E-08	2.6	1.21
PM2.5_SB_101	Highway 101 Southbound	SB	5	751.8	0.47	24.3	80	1.3	65.416667	80,080	18,260	196,546	3.91E-08	2.88E-08	2.6	1.21
									Total	160,159						

Emission Factors - PM2.5

Speed Category	1	2	3	4
Travel Speed (mph)	70	65	60	55
Emissions per Vehicle (g/VMT)	0.001650	0.00155	0.001362	0.001239

Emisson Factors from CT-EMFAC2017

2025 Hourly Traffic Volumes and PM2.5 Emissions - PM2.5_NB_101

Hour	% Per Hour	VPH	g/s	Hour	% Per Hour	VPH	g/s	Hour	% Per Hour	VPH	g/s
1	1.42%	1135	2.42E-04	9	5.65%	4527	7.96E-04	17	6.02%	4819	9.64E-04
2	1.14%	911	1.94E-04	10	5.63%	4510	9.02E-04	18	5.93%	4747	9.49E-04
3	1.06%	852	1.81E-04	11	5.51%	4411	8.82E-04	19	5.69%	4557	9.11E-04
4	1.21%	967	2.06E-04	12	5.63%	4510	9.02E-04	20	5.05%	4044	8.09E-04
5	1.62%	1296	2.76E-04	13	5.61%	4493	8.98E-04	21	4.24%	3393	7.23E-04
6	2.90%	2322	4.95E-04	14	5.72%	4583	9.16E-04	22	3.74%	2997	6.38E-04
7	4.30%	3443	6.89E-04	15	5.88%	4712	9.42E-04	23	2.82%	2261	4.81E-04
8	5.33%	4267	8.53E-04	16	5.96%	4777	9.55E-04	24	1.93%	1545	3.29E-04
								Total		80,080	

2025 Hourly Traffic Volumes Per Direction and PM2.5 Emissions - PM2.5_SB_101

Hour	% Per Hour	VPH	g/mile	Hour	% Per Hour	VPH	g/mile	Hour	% Per Hour	VPH	g/mile
1	1.41%	1126	2.41E-04	9	5.37%	4299	6.91E-04	17	6.75%	5403	9.55E-04
2	0.86%	690	1.48E-04	10	5.39%	4320	6.95E-04	18	6.54%	5235	9.25E-04
3	0.59%	476	1.02E-04	11	5.83%	4673	8.26E-04	19	5.75%	4605	9.26E-04
4	0.47%	377	8.07E-05	12	5.94%	4754	9.55E-04	20	4.90%	3924	7.89E-04
5	0.73%	587	1.26E-04	13	6.08%	4869	9.79E-04	21	4.54%	3638	7.79E-04
6	1.59%	1275	2.73E-04	14	6.15%	4926	9.90E-04	22	4.20%	3360	7.19E-04
7	2.90%	2322	4.67E-04	15	6.39%	5115	1.03E-03	23	3.60%	2881	6.17E-04
8	5.08%	4071	7.19E-04	16	6.60%	5286	1.06E-03	24	2.34%	1871	4.01E-04
								Total		80,080	

320 Sheridan Drive, Menlo Park, CA - Off-Site Residential
Cumulative Traffic - Highway 101
TOG Exhaust Modeling - Roadway Links, Traffic Volumes, and TOG Exhaust Emissions
Year = 2025

Road Link	Description	Direction	No. Lanes	Link Length (m)	Link Length (mi)	Link Width (m)	Link Width (ft)	Release Height (m)	Average Speed (mph)	Average Vehicles per Day	Area (sq m)	Area (sq ft)	Emission (g/s/m2)	Emission (lb/hr/ft2)	Initial Vertical height	(Sigma z) Initial Vertical Dimension
TEXH_NB_101	Highway 101 Northbound	NB	5	747.9	0.46	24.3	80	1.3	66.875	80,080	18,165	195,526	4.50E-07	3.32E-07	2.6	1.21
TEXH_SB_101	Highway 101 Southbound	SB	5	751.8	0.47	24.3	80	1.3	65.416667	80,080	18,260	196,546	4.50E-07	3.32E-07	2.6	1.21
									Total	160,159						

Emission Factors - TOG Exhaust

Speed Category	1	2	3	4
Travel Speed (mph)	70	65	60	55
Emissions per Vehicle (g/VMT)	0.01897	0.01775	0.01605	0.01519

Emisson Factors from CT-EMFAC2017

2025 Hourly Traffic Volumes and TOG Exhaust Emissions - TEXH_NB_101

Hour	% Per Hour	VPH	g/s	Hour	% Per Hour	VPH	g/s	Hour	% Per Hour	VPH	g/s
1	1.42%	1135	2.78E-03	9	5.65%	4527	9.38E-03	17	6.02%	4819	1.10E-02
2	1.14%	911	2.23E-03	10	5.63%	4510	1.03E-02	18	5.93%	4747	1.09E-02
3	1.06%	852	2.09E-03	11	5.51%	4411	1.01E-02	19	5.69%	4557	1.04E-02
4	1.21%	967	2.37E-03	12	5.63%	4510	1.03E-02	20	5.05%	4044	9.26E-03
5	1.62%	1296	3.17E-03	13	5.61%	4493	1.03E-02	21	4.24%	3393	8.31E-03
6	2.90%	2322	5.69E-03	14	5.72%	4583	1.05E-02	22	3.74%	2997	7.34E-03
7	4.30%	3443	7.89E-03	15	5.88%	4712	1.08E-02	23	2.82%	2261	5.54E-03
8	5.33%	4267	9.77E-03	16	5.96%	4777	1.09E-02	24	1.93%	1545	3.78E-03
								Total		80,080	

2025 Hourly Traffic Volumes Per Direction and TOG Exhaust Emissions - TEXH_SB_101

Hour	% Per Hour	VPH	g/mile	Hour	% Per Hour	VPH	g/mile	Hour	% Per Hour	VPH	g/mile
1	1.42%	1135	2.79E-03	9	5.65%	4527	8.92E-03	17	6.02%	4819	1.00E-02
2	1.14%	911	2.24E-03	10	5.63%	4510	8.89E-03	18	5.93%	4747	9.89E-03
3	1.06%	852	2.10E-03	11	5.51%	4411	9.19E-03	19	5.69%	4557	1.05E-02
4	1.21%	967	2.38E-03	12	5.63%	4510	1.04E-02	20	5.05%	4044	9.31E-03
5	1.62%	1296	3.19E-03	13	5.61%	4493	1.03E-02	21	4.24%	3393	8.35E-03
6	2.90%	2322	5.72E-03	14	5.72%	4583	1.06E-02	22	3.74%	2997	7.38E-03
7	4.30%	3443	7.93E-03	15	5.88%	4712	1.09E-02	23	2.82%	2261	5.57E-03
8	5.33%	4267	8.89E-03	16	5.96%	4777	1.10E-02	24	1.93%	1545	3.80E-03
								Total		80,080	

320 Sheridan Drive, Menlo Park, CA - Off-Site Residential
Cumulative Traffic - Highway 101
TOG Evaporative Emissions Modeling - Roadway Links, Traffic Volumes, and TOG Evaporative Emissions
Year = 2025

Road Link	Description	Direction	No. Lanes	Link Length (m)	Link Length (mi)	Link Width (m)	Link Width (ft)	Release Height (m)	Average Speed (mph)	Average Vehicles per Day	Area (sq m)	Area (sq ft)	Emission (g/s/m2)	Emission (lb/hr/ft2)	Initial Vertical height	(Sigma z) Initial Vertical Dimension
TEVAP_NB_101	Highway 101 Northbound	NB	5	747.9	0.46	24.3	80	1.3	66.875	80,080	18,165	195,526	2.84E-07	2.09E-07	2.6	1.21
TEVAP_SB_101	Highway 101 Southbound	SB	5	751.8	0.47	24.3	80	1.3	65.416667	80,080	18,260	196,546	2.84E-07	2.09E-07	2.6	1.21
									Total	160,159						

Emission Factors - PM2.5 - Evaporative TOG

Speed Category	1	2	3	4
Travel Speed (mph)	70	65	60	55
Emissions per Vehicle per Hour (g/hour)	0.83767	0.83767	0.83767	0.83767
Emissions per Vehicle per Mile (g/VMT)	0.01197	0.01289	0.01396	0.01523

Emisson Factors from CT-EMFAC2017

2025 Hourly Traffic Volumes and TOG Evaporative Emissions - TEVAP_NB_101

Hour	% Per Hour	VPH	g/s	Hour	% Per Hour	VPH	g/s	Hour	% Per Hour	VPH	g/s
1	1.42%	1135	1.75E-03	9	5.65%	4527	8.16E-03	17	6.02%	4819	8.02E-03
2	1.14%	911	1.41E-03	10	5.63%	4510	7.50E-03	18	5.93%	4747	7.90E-03
3	1.06%	852	1.32E-03	11	5.51%	4411	7.34E-03	19	5.69%	4557	7.58E-03
4	1.21%	967	1.49E-03	12	5.63%	4510	7.50E-03	20	5.05%	4044	6.73E-03
5	1.62%	1296	2.00E-03	13	5.61%	4493	7.47E-03	21	4.24%	3393	5.24E-03
6	2.90%	2322	3.59E-03	14	5.72%	4583	7.62E-03	22	3.74%	2997	4.63E-03
7	4.30%	3443	5.73E-03	15	5.88%	4712	7.84E-03	23	2.82%	2261	3.49E-03
8	5.33%	4267	7.10E-03	16	5.96%	4777	7.95E-03	24	1.93%	1545	2.39E-03
								Total		80,080	

2025 Hourly Traffic Volumes Per Direction and TOG Evaporative Emissions - TEVAP_SB_101

Hour	% Per Hour	VPH	g/mile	Hour	% Per Hour	VPH	g/mile	Hour	% Per Hour	VPH	g/mile
1	1.42%	1135	1.76E-03	9	5.65%	4527	8.95E-03	17	6.02%	4819	8.73E-03
2	1.14%	911	1.42E-03	10	5.63%	4510	8.91E-03	18	5.93%	4747	8.60E-03
3	1.06%	852	1.32E-03	11	5.51%	4411	7.99E-03	19	5.69%	4557	7.62E-03
4	1.21%	967	1.50E-03	12	5.63%	4510	7.54E-03	20	5.05%	4044	6.76E-03
5	1.62%	1296	2.01E-03	13	5.61%	4493	7.51E-03	21	4.24%	3393	5.27E-03
6	2.90%	2322	3.61E-03	14	5.72%	4583	7.66E-03	22	3.74%	2997	4.65E-03
7	4.30%	3443	5.76E-03	15	5.88%	4712	7.88E-03	23	2.82%	2261	3.51E-03
8	5.33%	4267	7.73E-03	16	5.96%	4777	7.99E-03	24	1.93%	1545	2.40E-03
								Total		80,080	

320 Sheridan Drive, Menlo Park, CA - Off-Site Residential
Cumulative Traffic - Highway 101
Fugitive Road PM2.5 Modeling - Roadway Links, Traffic Volumes, and Fugitive Road PM2.5 Emissions
Year = 2025

Road Link	Description	Direction	No. Lanes	Link Length (m)	Link Length (mi)	Link Width (m)	Link Width (ft)	Release Height (m)	Average Speed (mph)	Average Vehicles per Day	Area (sq m)	Area (sq ft)	Emission (g/s/m2)	Emission (lb/hr/ft2)	Initial Vertical height	(Sigma z) Initial Vertical Dimension
FUG_NB_101	Highway 101 Northbound	NB	5	747.9	0.46	24.3	80	1.3	66.875	80,080	18,165	195,526	2.89E-07	2.13E-07	2.6	1.21
FUG_SB_101	Highway 101 Southbound	SB	5	751.8	0.47	24.3	80	1.3	65.416667	80,080	18,260	196,546	2.89E-07	2.13E-07	2.6	1.21
									Total	160,159						

Emission Factors - Fugitive PM2.5

Speed Category	1	2	3	4
Travel Speed (mph)	70	65	60	55
Tire Wear - Emissions per Vehicle (g/VMT)	0.00208	0.00208	0.00208	0.00208
Brake Wear - Emissions per Vehicle (g/VMT)	0.00199	0.00199	0.00229	0.00259
Road Dust - Emissions per Vehicle (g/VMT)	0.00813	0.00813	0.00813	0.00813
tal Fugitive PM2.5 - Emissions per Vehicle (g/VMT)	0.01220	0.01220	0.01250	0.01280

Emisson Factors from CT-EMFAC2017

2025 Hourly Traffic Volumes and Fugitive PM2.5 Emissions - FUG_NB_101

Hour	% Per Hour	VPH	g/s	Hour	% Per Hour	VPH	g/s	Hour	% Per Hour	VPH	g/s
1	1.42%	1135	1.79E-03	9	5.65%	4527	7.30E-03	17	6.02%	4819	7.59E-03
2	1.14%	911	1.43E-03	10	5.63%	4510	7.10E-03	18	5.93%	4747	7.47E-03
3	1.06%	852	1.34E-03	11	5.51%	4411	6.95E-03	19	5.69%	4557	7.17E-03
4	1.21%	967	1.52E-03	12	5.63%	4510	7.10E-03	20	5.05%	4044	6.37E-03
5	1.62%	1296	2.04E-03	13	5.61%	4493	7.07E-03	21	4.24%	3393	5.34E-03
6	2.90%	2322	3.66E-03	14	5.72%	4583	7.22E-03	22	3.74%	2997	4.72E-03
7	4.30%	3443	5.42E-03	15	5.88%	4712	7.42E-03	23	2.82%	2261	3.56E-03
8	5.33%	4267	6.72E-03	16	5.96%	4777	7.52E-03	24	1.93%	1545	2.43E-03
								Total		80,080	

2025 Hourly Traffic Volumes Per Direction and Fugitive PM2.5 Emissions - FUG_SB_101

Hour	% Per Hour	VPH	g/mile	Hour	% Per Hour	VPH	g/mile	Hour	% Per Hour	VPH	g/mile
1	1.42%	1135	1.80E-03	9	5.65%	4527	7.52E-03	17	6.02%	4819	7.81E-03
2	1.14%	911	1.44E-03	10	5.63%	4510	7.49E-03	18	5.93%	4747	7.70E-03
3	1.06%	852	1.35E-03	11	5.51%	4411	7.15E-03	19	5.69%	4557	7.21E-03
4	1.21%	967	1.53E-03	12	5.63%	4510	7.14E-03	20	5.05%	4044	6.40E-03
5	1.62%	1296	2.05E-03	13	5.61%	4493	7.11E-03	21	4.24%	3393	5.37E-03
6	2.90%	2322	3.67E-03	14	5.72%	4583	7.25E-03	22	3.74%	2997	4.74E-03
7	4.30%	3443	5.45E-03	15	5.88%	4712	7.46E-03	23	2.82%	2261	3.58E-03
8	5.33%	4267	6.92E-03	16	5.96%	4777	7.56E-03	24	1.93%	1545	2.45E-03
								Total		80,080	

320 Sheridan Drive, Menlo Park, CA - Off-Site Residential
Cumulative Traffic - Highway 101
DPM Modeling - Roadway Links, Traffic Volumes, and DPM Emissions
Year = 2027

Road Link	Description	Direction	No. Lanes	Link Length (m)	Link Length (mi)	Link Width (m)	Link Width (ft)	Release Height (m)	Average Speed (mph)	Average Vehicles per Day	Line Area Area (sq m)	Area (sq ft)	Emission (g/s/m2)	Emission (lb/hr/ft2)	Initial Vertical height (m)	(Sigma z) Initial Vertical Dimension
DPM_NB_101	Highway 101 Northbound	NB	5	582.6	0.36	24.3	79.7	3.4	66.9	81,620	14,150	152,311	1.276E-08	9.409E-09	6.8	3.16
DPM_SB_101	Highway 101 Southbound	SB	5	559.5	0.35	24.3	79.7	3.4	65.4	81,620	13,589	146,272	1.276E-08	9.409E-09	6.8	3.16
									Total	163,239						

Emission Factors

Speed Category	1	2	3	4
Travel Speed (mph)	70	65	60	55
Emissions per Vehicle (g/VMT)	0.00053	0.000526	0.000461	0.000401

Emisson Factors from CT-EMFAC2017

2027 Hourly Traffic Volumes and DPM Emissions - DPM_NB_101

Hour	% Per Hour	VPH	g/s	Hour	% Per Hour	VPH	g/s	Hour	% Per Hour	VPH	g/s
1	1.42%	1157	6.14E-05	9	5.65%	4614	2.14E-04	17	6.02%	4911	2.60E-04
2	1.14%	929	4.93E-05	10	5.63%	4597	2.43E-04	18	5.93%	4839	2.56E-04
3	1.06%	868	4.61E-05	11	5.51%	4496	2.38E-04	19	5.69%	4644	2.46E-04
4	1.21%	986	5.24E-05	12	5.63%	4596	2.43E-04	20	5.05%	4122	2.18E-04
5	1.62%	1321	7.01E-05	13	5.61%	4580	2.42E-04	21	4.24%	3458	1.84E-04
6	2.90%	2367	1.26E-04	14	5.72%	4671	2.47E-04	22	3.74%	3055	1.62E-04
7	4.30%	3510	1.86E-04	15	5.88%	4803	2.54E-04	23	2.82%	2304	1.22E-04
8	5.33%	4349	2.30E-04	16	5.96%	4868	2.58E-04	24	1.93%	1575	8.36E-05
								Total		81,620	

2027 Hourly Traffic Volumes Per Direction and DPM Emissions - DPM_SB_101

Hour	% Per Hour	VPH	g/mile	Hour	% Per Hour	VPH	g/mile	Hour	% Per Hour	VPH	g/mile
1	1.41%	1147	5.85E-05	9	5.37%	4382	1.70E-04	17	6.75%	5507	2.45E-04
2	0.86%	703	3.58E-05	10	5.39%	4403	1.70E-04	18	6.54%	5336	2.38E-04
3	0.59%	485	2.47E-05	11	5.83%	4762	2.12E-04	19	5.75%	4693	2.38E-04
4	0.47%	384	1.96E-05	12	5.94%	4845	2.46E-04	20	4.90%	4000	2.03E-04
5	0.73%	598	3.05E-05	13	6.08%	4962	2.52E-04	21	4.54%	3707	1.89E-04
6	1.59%	1300	6.63E-05	14	6.15%	5021	2.55E-04	22	4.20%	3424	1.75E-04
7	2.90%	2366	1.20E-04	15	6.39%	5213	2.65E-04	23	3.60%	2936	1.50E-04
8	5.08%	4149	1.85E-04	16	6.60%	5388	2.74E-04	24	2.34%	1907	9.72E-05
								Total		81,620	

320 Sheridan Drive, Menlo Park, CA - Off-Site Residential
Cumulative Traffic - Highway 101
PM2.5 Modeling - Roadway Links, Traffic Volumes, and PM2.5 Emissions
Year = 2027

Road Link	Description	Direction	No. Lanes	Link Length (m)	Link Length (mi)	Link Width (m)	Link Width (ft)	Release Height (m)	Average Speed (mph)	Average Vehicles per Day	Area (sq m)	Area (sq ft)	Emission (g/s/m2)	Emission (lb/hr/ft2)	Initial Vertical height (m)	(Sigma z) Initial Vertical Dimension
PM2.5_NB_101	Highway 101 Northbound	NB	5	582.6	0.36	24.3	80	1.3	66.875	81,620	14,150	152,311	3.58E-08	2.64E-08	2.6	1.21
PM2.5_SB_101	Highway 101 Southbound	SB	5	559.5	0.35	24.3	80	1.3	65.416667	81,620	13,589	146,272	3.58E-08	2.64E-08	2.6	1.21
									Total	163,239						

Emission Factors - PM2.5

Speed Category	1	2	3	4
Travel Speed (mph)	70	65	60	55
Emissions per Vehicle (g/VMT)	0.001481	0.00139	0.001220	0.001107

Emisson Factors from CT-EMFAC2017

2027 Hourly Traffic Volumes and PM2.5 Emissions - PM2.5_NB_101

Hour	% Per Hour	VPH	g/s	Hour	% Per Hour	VPH	g/s	Hour	% Per Hour	VPH	g/s
1	1.42%	1157	1.72E-04	9	5.65%	4614	5.66E-04	17	6.02%	4911	6.87E-04
2	1.14%	929	1.38E-04	10	5.63%	4597	6.43E-04	18	5.93%	4839	6.77E-04
3	1.06%	868	1.29E-04	11	5.51%	4496	6.29E-04	19	5.69%	4644	6.50E-04
4	1.21%	986	1.47E-04	12	5.63%	4596	6.43E-04	20	5.05%	4122	5.77E-04
5	1.62%	1321	1.97E-04	13	5.61%	4580	6.41E-04	21	4.24%	3458	5.15E-04
6	2.90%	2367	3.52E-04	14	5.72%	4671	6.54E-04	22	3.74%	3055	4.55E-04
7	4.30%	3510	4.91E-04	15	5.88%	4803	6.72E-04	23	2.82%	2304	3.43E-04
8	5.33%	4349	6.09E-04	16	5.96%	4868	6.81E-04	24	1.93%	1575	2.35E-04
								Total		81,620	

2027 Hourly Traffic Volumes Per Direction and PM2.5 Emissions - PM2.5_SB_101

Hour	% Per Hour	VPH	g/mile	Hour	% Per Hour	VPH	g/mile	Hour	% Per Hour	VPH	g/mile
1	1.41%	1147	1.64E-04	9	5.37%	4382	4.68E-04	17	6.75%	5507	6.49E-04
2	0.86%	703	1.01E-04	10	5.39%	4403	4.71E-04	18	6.54%	5336	6.29E-04
3	0.59%	485	6.94E-05	11	5.83%	4762	5.61E-04	19	5.75%	4693	6.31E-04
4	0.47%	384	5.50E-05	12	5.94%	4845	6.51E-04	20	4.90%	4000	5.38E-04
5	0.73%	598	8.55E-05	13	6.08%	4962	6.67E-04	21	4.54%	3707	5.30E-04
6	1.59%	1300	1.86E-04	14	6.15%	5021	6.75E-04	22	4.20%	3424	4.90E-04
7	2.90%	2366	3.18E-04	15	6.39%	5213	7.01E-04	23	3.60%	2936	4.20E-04
8	5.08%	4149	4.89E-04	16	6.60%	5388	7.24E-04	24	2.34%	1907	2.73E-04
								Total		81,620	

320 Sheridan Drive, Menlo Park, CA - Off-Site Residential
Cumulative Traffic - Highway 101
TOG Exhaust Modeling - Roadway Links, Traffic Volumes, and TOG Exhaust Emissions
Year = 2027

Road Link	Description	Direction	No. Lanes	Link Length (m)	Link Length (mi)	Link Width (m)	Link Width (ft)	Release Height (m)	Average Speed (mph)	Average Vehicles per Day	Area (sq m)	Area (sq ft)	Emission (g/s/m2)	Emission (lb/hr/ft2)	Initial Vertical height	(Sigma z) Initial Vertical Dimension
TEXH_NB_101	Highway 101 Northbound	NB	5	582.6	0.36	24.3	80	1.3	66.875	81,620	14,150	152,311	4.00E-07	2.95E-07	2.6	1.21
TEXH_SB_101	Highway 101 Southbound	SB	5	559.5	0.35	24.3	80	1.3	65.416667	81,620	13,589	146,272	4.00E-07	2.95E-07	2.6	1.21
									Total	163,239						

Emission Factors - TOG Exhaust

Speed Category	1	2	3	4
Travel Speed (mph)	70	65	60	55
Emissions per Vehicle (g/VMT)	0.01653	0.01549	0.01403	0.01330

Emisson Factors from CT-EMFAC2017

2027 Hourly Traffic Volumes and TOG Exhaust Emissions - TEXH_NB_101

Hour	% Per Hour	VPH	g/s	Hour	% Per Hour	VPH	g/s	Hour	% Per Hour	VPH	g/s
1	1.42%	1157	1.92E-03	9	5.65%	4614	6.51E-03	17	6.02%	4911	7.65E-03
2	1.14%	929	1.54E-03	10	5.63%	4597	7.16E-03	18	5.93%	4839	7.54E-03
3	1.06%	868	1.44E-03	11	5.51%	4496	7.00E-03	19	5.69%	4644	7.23E-03
4	1.21%	986	1.64E-03	12	5.63%	4596	7.16E-03	20	5.05%	4122	6.42E-03
5	1.62%	1321	2.20E-03	13	5.61%	4580	7.13E-03	21	4.24%	3458	5.75E-03
6	2.90%	2367	3.93E-03	14	5.72%	4671	7.28E-03	22	3.74%	3055	5.08E-03
7	4.30%	3510	5.47E-03	15	5.88%	4803	7.48E-03	23	2.82%	2304	3.83E-03
8	5.33%	4349	6.77E-03	16	5.96%	4868	7.58E-03	24	1.93%	1575	2.62E-03
								Total		81,620	

2027 Hourly Traffic Volumes Per Direction and TOG Exhaust Emissions - TEXH_SB_101

Hour	% Per Hour	VPH	g/mile	Hour	% Per Hour	VPH	g/mile	Hour	% Per Hour	VPH	g/mile
1	1.42%	1157	1.85E-03	9	5.65%	4614	5.93E-03	17	6.02%	4911	6.65E-03
2	1.14%	929	1.48E-03	10	5.63%	4597	5.91E-03	18	5.93%	4839	6.56E-03
3	1.06%	868	1.39E-03	11	5.51%	4496	6.09E-03	19	5.69%	4644	6.95E-03
4	1.21%	986	1.57E-03	12	5.63%	4596	6.87E-03	20	5.05%	4122	6.16E-03
5	1.62%	1321	2.11E-03	13	5.61%	4580	6.85E-03	21	4.24%	3458	5.52E-03
6	2.90%	2367	3.78E-03	14	5.72%	4671	6.99E-03	22	3.74%	3055	4.88E-03
7	4.30%	3510	5.25E-03	15	5.88%	4803	7.18E-03	23	2.82%	2304	3.68E-03
8	5.33%	4349	5.89E-03	16	5.96%	4868	7.28E-03	24	1.93%	1575	2.51E-03
								Total		81,620	

320 Sheridan Drive, Menlo Park, CA - Off-Site Residential
Cumulative Traffic - Highway 101
TOG Evaporative Emissions Modeling - Roadway Links, Traffic Volumes, and TOG Evaporative Emissions
Year = 2027

Road Link	Description	Direction	No. Lanes	Link Length (m)	Link Length (mi)	Link Width (m)	Link Width (ft)	Release Height (m)	Average Speed (mph)	Average Vehicles per Day	Area (sq m)	Area (sq ft)	Emission (g/s/m2)	Emission (lb/hr/ft2)	Initial Vertical height	(Sigma z) Initial Vertical Dimension
TEVAP_NB_101	Highway 101 Northbound	NB	5	582.6	0.36	24.3	80	1.3	66.875	81,620	14,150	152,311	2.71E-07	2.00E-07	2.6	1.21
TEVAP_SB_101	Highway 101 Southbound	SB	5	559.5	0.35	24.3	80	1.3	65.416667	81,620	13,589	146,272	2.71E-07	2.00E-07	2.6	1.21
									Total	163,239						

Emission Factors - PM2.5 - Evaporative TOG

Speed Category	1	2	3	4
Travel Speed (mph)	70	65	60	55
Emissions per Vehicle per Hour (g/hour)	0.78487	0.78487	0.78487	0.78487
Emissions per Vehicle per Mile (g/VMT)	0.01121	0.01207	0.01308	0.01427

Emisson Factors from CT-EMFAC2017

2027 Hourly Traffic Volumes and TOG Evaporative Emissions - TEVAP_NB_101

Hour	% Per Hour	VPH	g/s	Hour	% Per Hour	VPH	g/s	Hour	% Per Hour	VPH	g/s
1	1.42%	1157	1.30E-03	9	5.65%	4614	6.07E-03	17	6.02%	4911	5.96E-03
2	1.14%	929	1.05E-03	10	5.63%	4597	5.58E-03	18	5.93%	4839	5.88E-03
3	1.06%	868	9.79E-04	11	5.51%	4496	5.46E-03	19	5.69%	4644	5.64E-03
4	1.21%	986	1.11E-03	12	5.63%	4596	5.58E-03	20	5.05%	4122	5.00E-03
5	1.62%	1321	1.49E-03	13	5.61%	4580	5.56E-03	21	4.24%	3458	3.90E-03
6	2.90%	2367	2.67E-03	14	5.72%	4671	5.67E-03	22	3.74%	3055	3.44E-03
7	4.30%	3510	4.26E-03	15	5.88%	4803	5.83E-03	23	2.82%	2304	2.60E-03
8	5.33%	4349	5.28E-03	16	5.96%	4868	5.91E-03	24	1.93%	1575	1.78E-03
								Total		81,620	

2027 Hourly Traffic Volumes Per Direction and TOG Evaporative Emissions - TEVAP_SB_101

Hour	% Per Hour	VPH	g/mile	Hour	% Per Hour	VPH	g/mile	Hour	% Per Hour	VPH	g/mile
1	1.42%	1157	1.25E-03	9	5.65%	4614	6.36E-03	17	6.02%	4911	6.20E-03
2	1.14%	929	1.01E-03	10	5.63%	4597	6.34E-03	18	5.93%	4839	6.11E-03
3	1.06%	868	9.40E-04	11	5.51%	4496	5.68E-03	19	5.69%	4644	5.42E-03
4	1.21%	986	1.07E-03	12	5.63%	4596	5.36E-03	20	5.05%	4122	4.81E-03
5	1.62%	1321	1.43E-03	13	5.61%	4580	5.34E-03	21	4.24%	3458	3.74E-03
6	2.90%	2367	2.56E-03	14	5.72%	4671	5.45E-03	22	3.74%	3055	3.31E-03
7	4.30%	3510	4.09E-03	15	5.88%	4803	5.60E-03	23	2.82%	2304	2.49E-03
8	5.33%	4349	5.49E-03	16	5.96%	4868	5.68E-03	24	1.93%	1575	1.71E-03
								Total		81,620	

320 Sheridan Drive, Menlo Park, CA - Off-Site Residential
Cumulative Traffic - Highway 101
Fugitive Road PM2.5 Modeling - Roadway Links, Traffic Volumes, and Fugitive Road PM2.5 Emissions
Year = 2027

Road Link	Description	Direction	No. Lanes	Link Length (m)	Link Length (mi)	Link Width (m)	Link Width (ft)	Release Height (m)	Average Speed (mph)	Average Vehicles per Day	Area (sq m)	Area (sq ft)	Emission (g/s/m2)	Emission (lb/hr/ft2)	Initial Vertical height	(Sigma z) Initial Vertical Dimension
FUG_NB_101	Highway 101 Northbound	NB	5	582.6	0.36	24.3	80	1.3	66.875	81,620	14,150	152,311	2.97E-07	2.19E-07	2.6	1.21
FUG_SB_101	Highway 101 Southbound	SB	5	559.5	0.35	24.3	80	1.3	65.416667	81,620	13,589	146,272	2.97E-07	2.19E-07	2.6	1.21
									Total	163,239						

Emission Factors - Fugitive PM2.5

Speed Category	1	2	3	4
Travel Speed (mph)	70	65	60	55
Tire Wear - Emissions per Vehicle (g/VMT)	0.00208	0.00208	0.00208	0.00208
Brake Wear - Emissions per Vehicle (g/VMT)	0.00198	0.00198	0.00229	0.00259
Road Dust - Emissions per Vehicle (g/VMT)	0.00823	0.00823	0.00823	0.00823
tal Fugitive PM2.5 - Emissions per Vehicle (g/VMT)	0.01229	0.01229	0.01260	0.01290

Emisson Factors from CT-EMFAC2017

2027 Hourly Traffic Volumes and Fugitive PM2.5 Emissions - FUG_NB_101

Hour	% Per Hour	VPH	g/s	Hour	% Per Hour	VPH	g/s	Hour	% Per Hour	VPH	g/s
1	1.42%	1157	1.43E-03	9	5.65%	4614	5.84E-03	17	6.02%	4911	6.07E-03
2	1.14%	929	1.15E-03	10	5.63%	4597	5.68E-03	18	5.93%	4839	5.98E-03
3	1.06%	868	1.07E-03	11	5.51%	4496	5.56E-03	19	5.69%	4644	5.74E-03
4	1.21%	986	1.22E-03	12	5.63%	4596	5.68E-03	20	5.05%	4122	5.10E-03
5	1.62%	1321	1.63E-03	13	5.61%	4580	5.66E-03	21	4.24%	3458	4.28E-03
6	2.90%	2367	2.93E-03	14	5.72%	4671	5.78E-03	22	3.74%	3055	3.78E-03
7	4.30%	3510	4.34E-03	15	5.88%	4803	5.94E-03	23	2.82%	2304	2.85E-03
8	5.33%	4349	5.38E-03	16	5.96%	4868	6.02E-03	24	1.93%	1575	1.95E-03
								Total		81,620	

2027 Hourly Traffic Volumes Per Direction and Fugitive PM2.5 Emissions - FUG_SB_101

Hour	% Per Hour	VPH	g/mile	Hour	% Per Hour	VPH	g/mile	Hour	% Per Hour	VPH	g/mile
1	1.42%	1157	1.37E-03	9	5.65%	4614	5.75E-03	17	6.02%	4911	5.97E-03
2	1.14%	929	1.10E-03	10	5.63%	4597	5.73E-03	18	5.93%	4839	5.89E-03
3	1.06%	868	1.03E-03	11	5.51%	4496	5.47E-03	19	5.69%	4644	5.51E-03
4	1.21%	986	1.17E-03	12	5.63%	4596	5.46E-03	20	5.05%	4122	4.89E-03
5	1.62%	1321	1.57E-03	13	5.61%	4580	5.44E-03	21	4.24%	3458	4.11E-03
6	2.90%	2367	2.81E-03	14	5.72%	4671	5.55E-03	22	3.74%	3055	3.63E-03
7	4.30%	3510	4.17E-03	15	5.88%	4803	5.70E-03	23	2.82%	2304	2.74E-03
8	5.33%	4349	5.29E-03	16	5.96%	4868	5.78E-03	24	1.93%	1575	1.87E-03
								Total		81,620	

Bay Area Air Quality Management District

Risk & Hazard Stationary Source Inquiry Form

This form is required when users request stationary source data from BAAQMD

This form is to be used with the BAAQMD's Google Earth stationary source screening tables.

Click here for guidance on coducting risk & hazard screening, including roadways & freeways, refer to the District's Risk & Hazard Analysis flow chart.

Click here for District's Recommended Methods for Screening and Modeling Local Risks and Hazards document.

Table A: Requester Contact Information

Date of Request	**2/7/2024**
Contact Name	Jordyn Bauer
Affiliation	Illingworth & Rodkin, Inc.
Phone	707-794-0400 x106
Email	jbauer@illingworthrodkin.com
Project Name	320 Sheridan
Address	320 Sheridan
City	Menlo Park
County	San Mateo
Type (residential, commercial, mixed use, industrial, etc.)	Residential
Project Size (# of units or building square feet)	88 du
Comments:	

For Air District assistance, the following steps must be completed:

1. Complete all the contact and project information requested in Table A; incomplete forms will not be processed. Please include a project site map.

2. Download and install the free program Google Earth, **http://www.google.com/earth/download/ge/,** and then download the county specific Google Earth stationary source application files from the District's website, **http://www.baaqmd.gov/Divisions/Planning-and-Research/CEQA-GUIDELINES/Tools-and-Methodology.aspx.** The small points on the map represent stationary sources permitted by the District (Map A on right). These permitted sources include diesel back-up generators, gas stations, dry cleaners, boilers, printers, auto spray booths, etc. Click on a point to view the source's Information Table, including the name, location, and preliminary estimated cancer risk, hazard index, and PM2.5 concentration.

3. Find the project site in Google Earth by inputting the site's address in the Google Earth search box.

4. Identify stationary sources within at least a 1000ft radius of project site. Verify that the location of the source on the map matches with the source's address in the Information Table, by using the Google Earth address search box to confirm the source's address location. Please report any mapping errors to the District.

5. List the stationary source information in Table B; use the Comments section only.

6. Note that a small percentage of the stationary sources have Health Risk Screening Assessment (HRSA) data INSTEAD of screening level data. These sources will be noted by an asterisk next to the Plant Name (Map B on right). If HRSA values are presented, these values have already been modeled and cannot be adjusted further.

7. Email this completed form to District staff. District staff will provide the most recent risk, hazard, and PM2.5 data that are available for the source(s). If this information or data are not available, source emissions data will be provided. Staff will respond to inquiries within three weeks.

Note that a public records request received for the same stationary source information will cancel the processing of your SSIF request.

Submit forms, maps, and questions to Matthew Hanson at 415-749-8733, or mhanson@baaqmd.gov

Table B: Google Earth data

Distance from Receptor (feet) or MEI[1]	Plant No.	Facility Name	Address	Cancer Risk[2]	Hazard Risk[2]	$PM_{2.5}$[2]	Source No.[3]	Type of Source[4]	Fuel Code[5]	Status/Comments	Project MEI: Distance Adjustment Multiplier	Project MEI: Adjusted Cancer Risk Estimate	Project MEI: Adjusted Hazard Risk	Project MEI: Adjusted PM2.5
50	19890	CALTRANS	Rt 101	0.153	0	0		Generator		2021 Dataset	1.00	0.15	0.00000	0.0000
1000+	23192	Meta Platforms Inc-MPK 28-29	164 Jefferson Drive	9.707	0.024	0.012		Generator		2021 Dataset	0.04	0.39	0.00096	0.0005
1000+	200438	Facebook Inc.	162 JEFFERSON DR	4.816	0.001	0.006		Generator		2021 Dataset	0.04	0.19	0.000	0.0002

Footnotes:

1. Maximally exposed individual

2. These Cancer Risk, Hazard Index, and PM2.5 columns represent the values in the Google Earth Plant Information Table.
3. Each plant may have multiple permits and sources.
4. Permitted sources include diesel back-up generators, gas stations, dry cleaners, boilers, printers, auto spray booths, etc.
5. Fuel codes: 98 = diesel, 189 = Natural Gas.
6. If a Health Risk Screening Assessment (HRSA) was completed for the source, the application number will be listed here.

8. Engineer who completed the HRSA. For District purposes only.
9. All HRSA completed before 1/5/2010 need to be multiplied by an age sensitivity factor of 1.7.
10. The HRSA "Chronic Health" number represents the Hazard Index.
11. Further information about common sources:
    a. Sources that only include diesel internal combustion engines can be adjusted using the BAAQMD's Diesel Multiplier worksheet.
    b. The risk from natural gas boilers used for space heating when <25 MM BTU/hr would have an estimated cancer risk of one in a million or less, and a chronic hazard index of 0.003 or
    c. BAAQMD Reg 11 Rule 16 required that all co-residential (sharing a wall, floor, ceiling or is in the same building as a residential unit) dry cleaners cease use of perc on July 1, 2010.
    Therefore, there is no cancer risk, hazard or PM2.5 concentrations from co-residential dry cleaning businesses in the BAAQMD.
    d. Non co-residential dry cleaners must phase out use of perc by Jan. 1, 2023. Therefore, the risk from these dry cleaners does not need to be factored in over a 70-year period, but instead should reflect
    e. Gas stations can be adjusted using BAAQMD's Gas Station Distance Mulitplier worksheet.
    f. Unless otherwise noted, exempt sources are considered insignificant. See BAAQMD Reg 2 Rule 1 for a list of exempt sources.
    g. This spray booth is considered to be insignificant.

Date last updated:
03/13/2018

Project Site

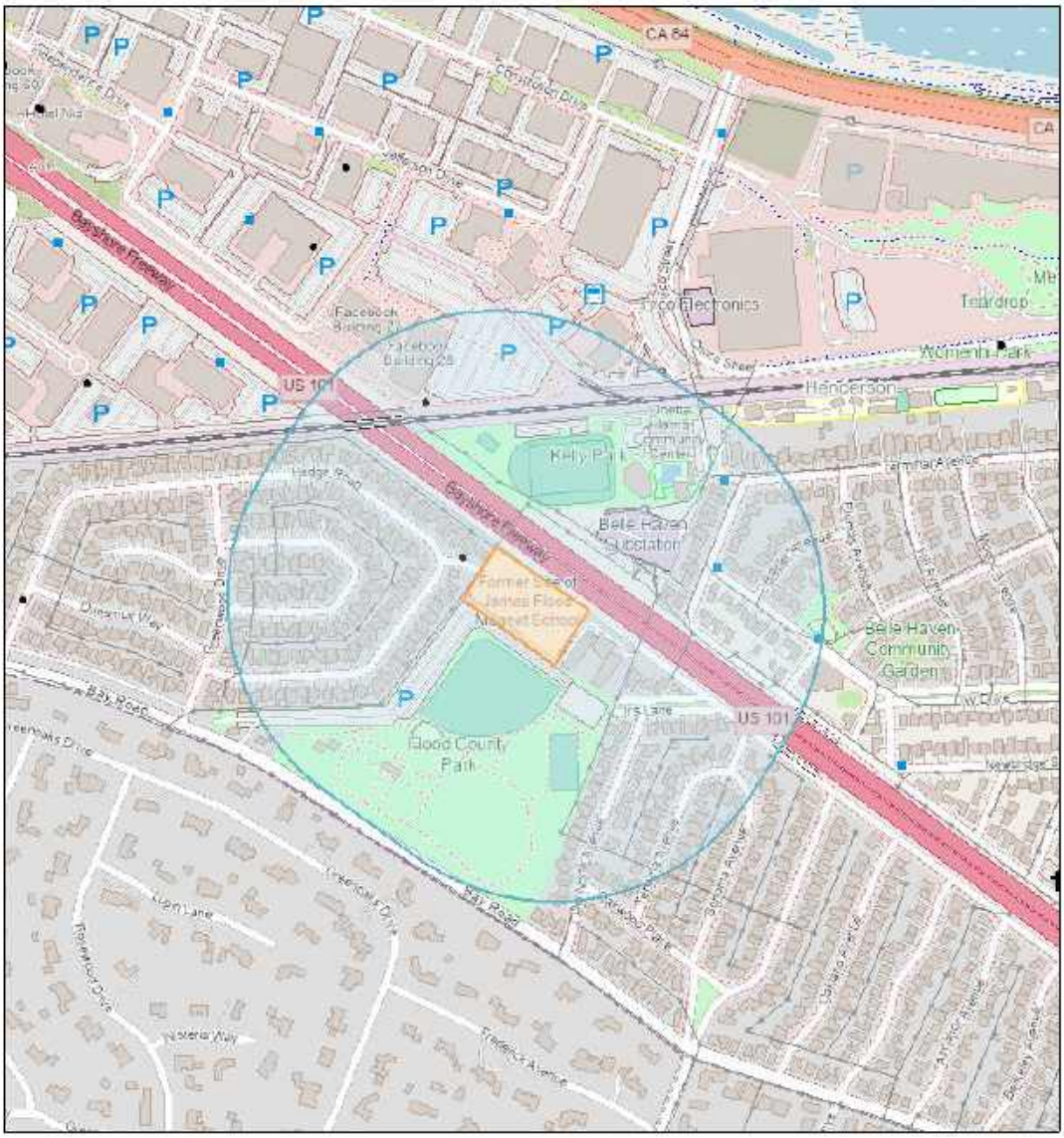
Distance from Receptor (feet) or MEI[1]	FACID (Plant No.)	Distance Adjustment Multiplier	Adjusted Cancer Risk Estimate	Adjusted Hazard Risk	Adjusted PM2.5
50	19890	0.28	0.04	0.0000	0.0000
745	23192	0.07	0.68	0.0017	0.0008
950	200438	0.04	0.19	0.000	0.0002

Screening Report

Area of Interest (AOI) Information

Area : 4,756,988.15 ft²

Feb 7 2024 12:12:48 Pacific Standard Time



Summary

Name	Count	Area(ft²)	Length(ft)
Permitted Stationary Sources	2	N/A	N/A

Permitted Stationary Sources

#	Facility_I	Facility_N	Address	City	State
1	19890	CALTRANS	Rt 101	Menlo Park	CA
2	23192	Meta Platforms Inc-MPK 28-29	Jefferson Drive	Menlo Park	CA

#	Zip	County	Latitude	Longitude	Details
1	94025	San Mateo	37.477441	-122.171195	Generator
2	94025	San Mateo	37.479238	-122.171728	Generator

#	NAICS	NAICS_Sect	NAICS_Subs	NAICS_Indu	Cancer_Ris
1	488999	Transportation and Warehousing	Support Activities for Transportation	All Other Support Activities for Transportation	0.153000
2	518210	Information	Data Processing, Hosting and Related Services	Data Processing, Hosting, and Related Services	9.707000

#	Chronic_Ha	PM25	Count
1	0.000000	0.000000	1
2	0.024000	0.012000	1

NOTE: A larger buffer than 1000 feet may be warranted depending on proximity to significant sources.

EXHIBIT J

320 Sheridan Drive

Menlo Park, CA

UPDATED ENVIRONMENTAL NOISE ASSESSMENT

5 November 2024

Prepared for: John Shaw
Alliant Strategic Development, LLC
26050 Mureau Road, Suite 101
Calabasas, 91302
john.s@alliantstrategicdev.com

c/o Katia Kamangar
Kamangar Consulting, LLC
katkamangar@gmail.com

Prepared by: **Salter**
Josh Roper – Vice President
jroper@salter-inc.com

Salter Project 24-0069

INTRODUCTION

This report summarizes our environmental noise assessment for the 320 Sheridan Drive residential project (the "Project") located at 320 Sheridan Drive in Menlo Park, California. Our analysis is based on the Planning Submittal drawing set dated February 26, 2024. The Project proposes to construct three three-story apartment buildings, a community center with a laundry room, fitness center, computer area and office, and outdoor use spaces provided via a BBQ area and Tot Lot in the southern portion of the approximately 2.52-acre site. The Project would include a total of 88 dwelling units. Following is a summary of our findings:

- Exterior-to-Interior Noise –
  - Residential – Sound rated construction will be needed to reduce environmental noise to the City and State standard of DNL[1] 45 dB[2] in habitable rooms. Initial estimates suggest that windows and exterior doors with sound insulation ratings of up to STC[3] 48, as well as upgraded exterior walls in some units, will be needed. The exterior skin will need to be treated, including louvers and vents, to maintain sound isolation. Final details should be determined during the design phase and incorporated into the project drawings to meet the applicable standard.
  - Amenities – Initial estimates suggest that windows and exterior doors with sound insulation ratings of up to STC 32 will be needed to reduce hourly average noise levels to the CALGreen criterion of $L_{eq}(h)$[4] 50 dB in non-residential spaces.
- Outdoor Use Space –
  - Community outdoor use space will include a BBQ area and Tot Lot. Based on distance and shielding from the nearby roadways and other noise sources, estimated future transportation noise levels are expected to be DNL 66 dB or below in the outdoor use spaces, which falls into the 'Normally Acceptable' and 'Conditionally Acceptable' categories for residential land use in Menlo Park.

---

1 DNL (Day-Night Average Sound Level) – A descriptor for a 24-hour A-weighted average noise level. DNL accounts for the increased acoustical sensitivity of people to noise during the nighttime hours. DNL penalizes sound levels by 10 dB during the hours from 10 PM to 7 AM. For practical purposes, the DNL and CNEL are usually interchangeable. DNL is sometimes written as L_{dn}.

2 A-Weighted Sound Level – The A-weighted sound pressure level, expressed in decibels (dB). Sometimes the unit of sound level is written as dB(A). A weighting is a standard weighting that accounts for the sensitivity of human hearing to the range of audible frequencies. People perceive a 10 dB increase in sound level to be twice as loud.

3 STC (Sound Transmission Class) – A single-number rating defined in ASTM E90 that quantifies the airborne sound insulating performance of a partition under laboratory conditions. Increasing STC ratings correspond to improved airborne sound insulation.

4 $L_{eq}(h)$ – The equivalent steady-state A-weighted sound level that, in an hour, would contain the same acoustic energy as the time-varying sound level during the same period.

ACOUSTICAL CRITERIA

Menlo Park General Plan

Policy N1.1 of the Noise Goals, Policies, and Programs section of the Menlo Park General Plan states that new projects must be required to comply with the noise standards of local, regional, and building code regulations, including but not limited to the City's Municipal Code, Title 24 of the California Code of Regulations, and subdivision and zoning codes.

Policy N1.2 includes land use compatibility guidelines for environmental noise. Noise levels are characterized in terms of Day Night Average Sound Level (DNL). Table 1 below summarizes these guidelines for multi-family residential land use.

Table 1: Summary of Land Use Compatibility Noise Standards for New Development

Land Use Category Residential – Multi-Family	Land Use Compatibility
65 dB or below	*Normally Acceptable: Specified land use is satisfactory, based upon the assumption that any buildings involved are of normal construction, without any special noise insulation requirements.*
60 – 70 dB	*Conditionally Acceptable: New construction or development should be undertaken only after a detailed analysis of the noise reduction requirements is made and needed noise reduction features included in the design. Conventional construction, but with closed windows and fresh air supply systems or air conditioning will normally suffice.*
70 – 75 dB	*Normally Unacceptable: New construction or development should generally be discouraged. If new construction or development does proceed, a detailed analysis of the noise reduction requirements must be made and needed noise insulation features included in the design.*
75 dB or above	*Clearly Unacceptable: New construction or development should generally not be undertaken.*

Policy N1.3: Strive to achieve acceptable interior noise levels and exterior noise levels for backyards and/or common usable outdoor areas in new residential development, and reduce outdoor noise levels in existing residential areas where economically and aesthetically feasible.

Policy N1.4: Protect existing residential neighborhoods and noise sensitive uses from unacceptable noise levels and vibration impacts. Noise sensitive uses include, but are not limited to, hospitals, schools, religious facilities, convalescent homes and businesses with highly sensitive equipment. Discourage having noise-sensitive uses in areas in excess of 65 dB DNL without appropriate mitigation and locate noise sensitive uses away from noise sources unless mitigation measures are included in development plans.

Policy N1.5: Design residential developments to minimize the transportation-related noise impacts to adjacent residential areas and encourage new development to be site planned and architecturally

designed to minimize noise impacts on noise sensitive spaces. Proper site planning can be effective in reducing noise impacts.

Policy N1.6: Encourage the use of construction methods, state-of-the-art noise abating materials and technology and creative site design including, but not limited to, open space, earthen berms, parking, accessory buildings, and landscaping to buffer new and existing development from noise and to reduce potential conflicts between ambient noise levels and noise-sensitive land uses. Use sound walls only when other methods are not practical or when recommended by an acoustical expert.

California Building Code

The 2022 California Building Code, Section 1206.4, states that interior noise attributable to exterior noise sources shall not exceed DNL 45 dB in any habitable room. These standards apply to all residential units in the Project.

California Green Building Standards Code (CALGreen)

Sections 5.507.4.1 & 2 of the CALGreen[5] code provide alternative prescriptive and performance-based methods for exterior to interior noise transmission for non-residential spaces exposed to noise levels of L_{eq}(h) 65 dB or higher, which are summarized as follows:

- Prescriptive Method – Exterior wall and roof-ceiling assemblies shall have a composite STC of 45 with minimum STC 40 windows.
- Performance Method – Exterior wall and roof-ceiling assemblies shall reduce hourly average levels to L_{eq}(h) 50 dB in occupied areas during any hour of operation.

This assessment uses the less restrictive Performance Method described above. We have assumed that normal hours of operation for the amenity spaces will be from 8 a.m. to 10 p.m. and used the loudest L_{eq}(h) during that period as the basis of the design.

NOISE ENVIRONMENT

The Project site is located in Menlo Park and is bordered by Highway 101 to the north with an existing concrete masonry wall (CMU) separating the site from the highway, existing 1 and 2-story single-family residences to the east, existing 1-story multi-family residences to the west, and a public park to the south. The site is generally flat, and the noise environment is predominantly controlled by vehicular traffic on Highway 101.

To quantify the existing noise environment, we conducted three multi-day measurements between 26 and 28 February 2024. In addition, we conducted 15-minute 'spot' measurements at two additional locations and compared the data with corresponding time periods of the multi-day monitors to help

[5] California Code of Regulations, Part 11: 2022 California Green Building Standards Code, Nonresidential Mandatory Measures, Section 5.507.4

determine how noise levels vary with location and elevation. Table 2, below, summarizes the measured noise levels and Figure 1, attached, shows the approximate measurement locations.

Table 2: Existing Noise Environment

Monitor[6]	Location	Date/Time	DNL
LT-1	Flood Park monitor Approx. 5' from south property line	26 to 28 February 2024	70 dB
LT-2	Southwest property line monitor Approx. 20' from west property line		68 dB
LT-3	Highway 101 monitor Approx. 150' from roadway centerline		73 dB
ST-1[7]	Building 1 setback spot Approx. 120' from Hwy 101 centerline First floor/Second & Third Stories	28 February 14:35 – 14:50	69 dB / 85 dB
ST-2	Buildings 2 & 3 setback spot Approx. 260' from Hwy 101 centerline First floor/Second & Third Stories	28 February 15:05 – 15:20	69 dB / 73 dB

We also measured L_{eq}(h) levels, and these were typically 2 dB quieter than the measured DNL levels at each monitor. Based on our measured data, we calculated the noise levels expected at the building facades. Our estimates include a 1 decibel increase across the site to account for future traffic increases[8].

ANALYSIS AND RECOMMENDATIONS

Exterior-to-Interior Noise

Residential

To meet the California Building Code interior DNL 45 dB requirement for residences, it will be necessary for the building shell in habitable rooms in the units to be sound rated. Preliminary estimates for minimum recommended sound insulation ratings, in terms of Sound Transmission Class (STC), needed at windows and exterior doors to meet the City and State criterion are shown in Figures 2 and 3, attached.[9]

---

6 Multi-day monitors were at approximate heights of 10 to 12 feet above grade. Short term monitors were at approximate heights of 5 feet above grade for ST-1 and ST-4, 16 feet for ST-2 and ST-5 and 26 feet for ST-3 and ST-6.

7 Data for the short-term monitors was calculated using the offset from the Highway 101 multi-day monitor LT-3.

8 The California Department of Transportation assumes a traffic volume increase of three percent per year, which corresponds to a 1 dB increase over a ten-year period.

9 For reference, typical construction-grade dual-pane windows provide sound insulation of approximately STC 28, dual pane windows with different glass thickness using laminated glass may achieve up to STC 33 to 35, and specialty dual sash windows with three or four panes of glass may have sound ratings in the low 40s. Higher sound insulation ratings may require additional solid storm doors and windows.

They are based on the floor plans and elevations shown in the Planning Submittal drawing set dated 26 February 2024 and assume the following:

- Exterior walls will be a combination of lap siding, board & batten, and plaster as shown on the exterior elevations.
    - The base wall assembly is understood to be a single stud wall with batt insulation in the stud cavities and one layer of gypsum board on the interior.
    - Assemblies with lap siding and board & batten should include a layer of plywood sheeting or exterior gypsum board (i.e., Densglass).
- Where enhanced exterior wall assemblies are indicated in the attached Figures, insulated double-stud walls with at least 3 total layers of gypsum board may be needed.
- The current design calls for northern facing patios and decks to be fully enclosed with operable windows, which will reduce window and door STC ratings at these locations.
- The exterior shell will need to be sealed to maintain sound isolation. We expect this will include caulking joints, treating penetrations, adding backdraft dampers, and vent treatment, etc.
- Since windows will need to be closed to meet the interior noise criteria, the mechanical design should meet ventilation requirements with windows in the closed position. The system will need to be reviewed as the design progresses and must not compromise sound insulation of the building shell.
- Sound insulation ratings should be for the complete assembly, including glass and frame, and should be based on laboratory test reports of similar sized samples from an NVLAP accredited lab.

The design outlined above is expected to reduce transportation noise to the City and State criteria in residences. Note there are different ways to achieve the interior noise standard. Final STC ratings for windows and exterior doors, and details for both the exterior wall assemblies and exterior shell treatments, will need to be developed during the design phase.

Amenity

To meet the CALGreen interior noise criterion of $L_{eq}(h)$ 50 dB or below, it will be necessary for the windows and exterior door assemblies to be sound rated. These preliminary estimates for minimum recommended sound insulation ratings, in terms of Sound Transmission Class (STC), needed at windows and exterior doors to meet the criterion are shown in the attached Figure 2. Initial estimates are based on the floor plans and elevations shown in the Planning Submittal drawing set dated 26 February 2024 and assumes that exterior walls will be a combination of lap siding, board & batten, and plaster. Similar to the residential portion above, final details should be developed during the design phase.

Outdoor Use Space

Community outdoor use space will include a BBQ area and Tot Lot towards the southern portion of the site. Based on distance and shielding from roadways and other noise sources, estimated future traffic

levels are expected to be DNL 66 dB or below in these spaces, which falls into the 'Normally Acceptable' and 'Conditionally Acceptable' categories for multi-family residential land use in Menlo Park.

The design will include combination solid and glass walls at corridor openings facing the freeway on all buildings. While not required, this will reduce traffic noise at residential entries across the site. As indicated above, second and third floor decks facing the freeway will be fully enclosed with operable windows. For reference, estimated transportation noise at non-enclosed unit patios and decks will range from DNL 62 to 74 dB. We note the General Plan does not identify the quantitative noise goal for individual patios and decks.

* * *

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320 SHERIDAN DRIVE
NOISE MEASUREMENT LOCATIONS

A445

FIGURE 1

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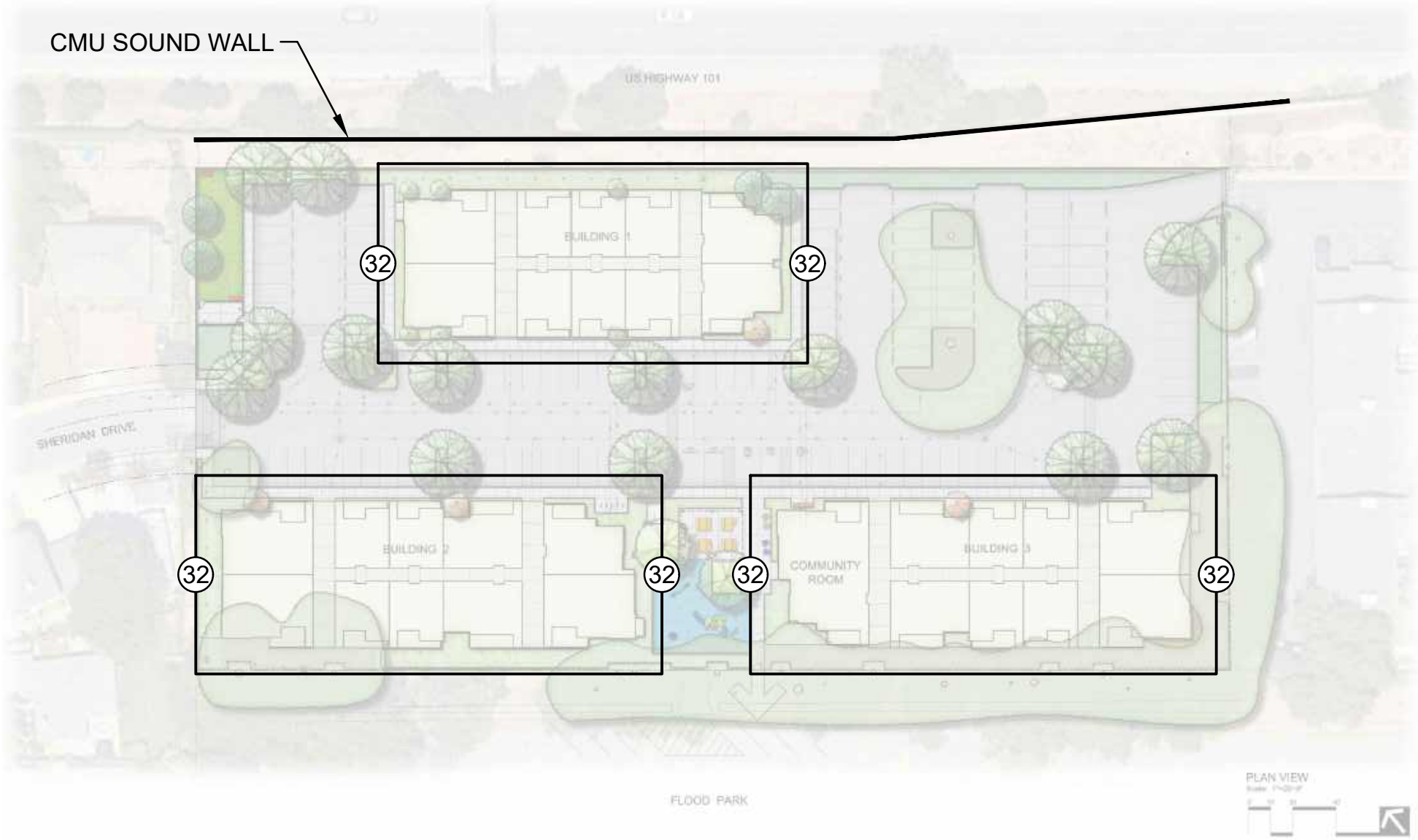

NOTE: STC RATINGS ARE FOR THE COMPLETE ASSEMBLY (E.G., GLASS, FRAME, AND OPERABLE SECTIONS) BASED ON TEST REPORTS FROM AN NVLAP-ACCREDITED LAB

320 SHERIDAN DRIVE
MINIMUM RECOMMENDED STC RATINGS FOR WINDOWS AND EXTERIOR DOORS (FLOOR 1)

A446

FIGURE 2

Salter # 24-0069

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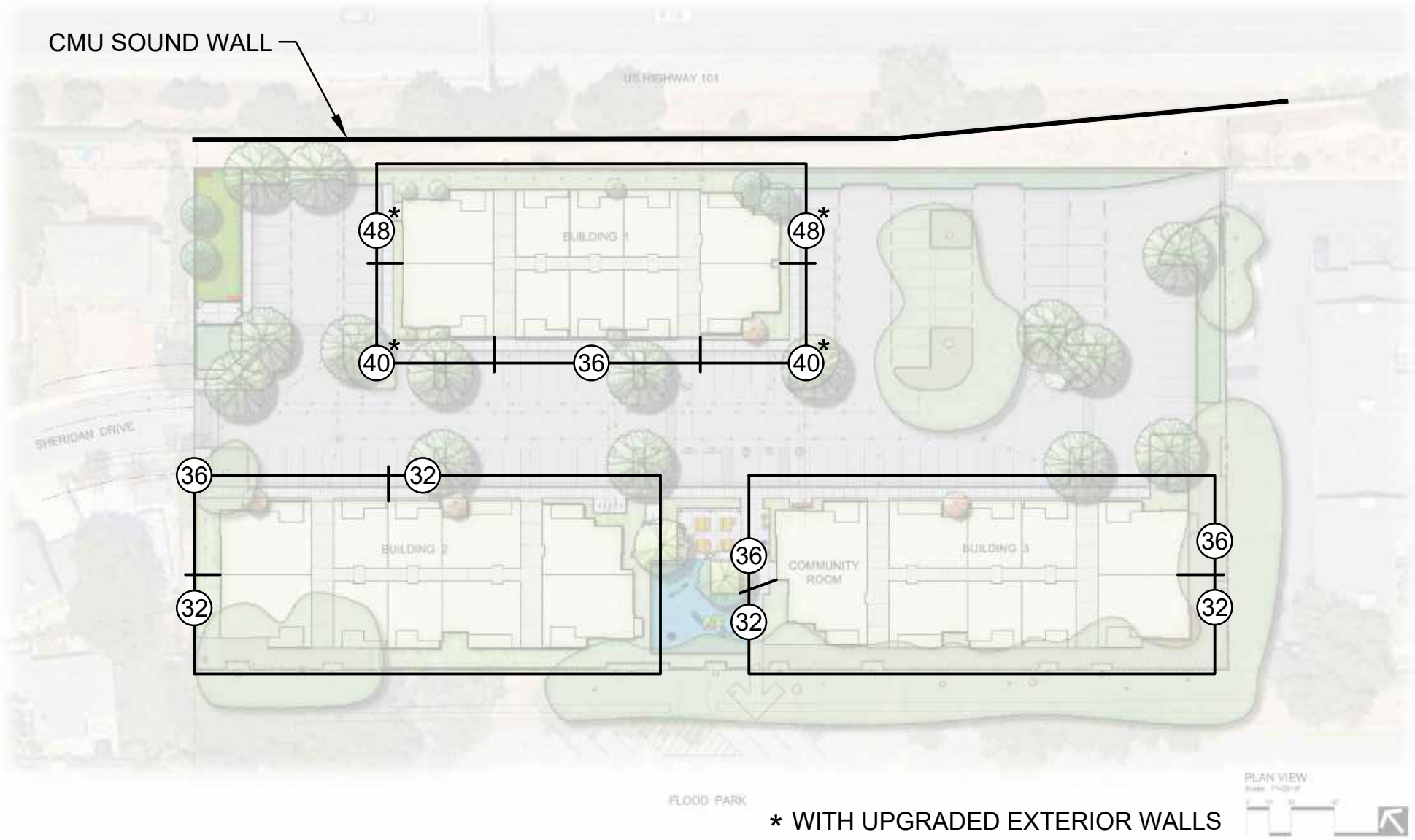

* WITH UPGRADED EXTERIOR WALLS

NOTE: STC RATINGS ARE FOR THE COMPLETE ASSEMBLY (E.G., GLASS, FRAME, AND OPERABLE SECTIONS) BASED ON TEST REPORTS FROM AN NVLAP-ACCREDITED LAB

320 SHERIDAN DRIVE
MINIMUM RECOMMENDED STC RATINGS FOR WINDOWS AND EXTERIOR DOORS (FLOORS 2 AND 3)

AMW

FIGURE 3

Salter # 24-0069

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04.18.24

APPENDIX A

Fundamental Concepts of Environmental Noise

This section provides background information to aid in understanding the technical aspects of this report. Three dimensions of environmental noise are important in determining subjective response. These are:

- The intensity or level of the sound
- The frequency spectrum of the sound
- The time-varying character of the sound

Airborne sound is a rapid fluctuation of air pressure above and below atmospheric pressure. Sound levels are usually measured and expressed in decibels (dB), with 0 dB corresponding roughly to the threshold of hearing.

The "frequency" of a sound refers to the number of complete pressure fluctuations per second in the sound. The unit of measurement is the cycle per second (cps) or hertz (Hz). Most of the sounds which we hear in the environment, do not consist of a single frequency, but of a broad band of frequencies, differing in level. The name of the frequency and level content of a sound is its sound spectrum. A sound spectrum for engineering purposes is typically described in terms of octave bands, which separate the audible frequency range (for human beings, from about 20 to 20,000 Hz) into ten segments.

Many rating methods have been devised to permit comparisons of sounds having quite different spectra. Surprisingly, the simplest method correlates with human response practically as well as the more complex methods. This method consists of evaluating all of the frequencies of a sound in accordance with a weighting that progressively de-emphasizes the importance of frequency components below 1000 Hz and above 5000 Hz. This frequency weighting reflects the fact that human hearing is less sensitive at low frequencies and at extreme high frequencies relative to the mid-range.

The weighting system described above is called "A"-weighting, and the level so measured is called the "A-weighted sound level" or "A-weighted noise level." The unit of A-weighted sound level is sometimes abbreviated "dB." In practice, the sound level is conveniently measured using a sound level meter that includes an electrical filter corresponding to the A-weighting characteristic. All U.S. and international standard sound level meters include such a filter. Typical sound levels found in the environment and in industry are shown below.

Although a single sound level value may adequately describe environmental noise at any instant in time, community noise levels vary continuously. Most environmental noise is a conglomeration of distant noise sources, which results in a relatively steady background noise having no identifiable source. These distant sources may include traffic, wind in trees, industrial activities, etc. and are relatively constant from moment to moment. As natural forces change or as human activity follows its daily cycle, the sound level may vary slowly from hour to hour. Superimposed on this slowly varying background is a succession of

identifiable noisy events of brief duration. These may include nearby activities such as single vehicle pass-bys, aircraft flyovers, etc. which cause the environmental noise level to vary from instant to instant.

To describe the time-varying character of environmental noise, statistical noise descriptors were developed. "L10" is the A-weighted sound level equaled or exceeded during 10 percent of a stated time period. The L10 is considered a good measure of the maximum sound levels caused by discrete noise events. "L50" is the A-weighted sound level that is equaled or exceeds 50 percent of a stated time period; it represents the median sound level. The "L90" is the A-weighted sound level equaled or exceeded during 90 percent of a stated time period and is used to describe the background noise.

As it is often cumbersome to quantify the noise environment with a set of statistical descriptors, a single number called the average sound level or "Leq" is now widely used. The term "Leq" originated from the concept of a so-called equivalent sound level which contains the same acoustical energy as a varying sound level during the same time period. In simple but accurate technical language, the Leq is the average A-weighted sound level in a stated time period. The Leq is particularly useful in describing the subjective change in an environment where the source of noise remains the same but there is change in the level of activity. Widening roads and/or increasing traffic are examples of this kind of situation.

In determining the daily measure of environmental noise, it is important to account for the different response of people to daytime and nighttime noise. During the nighttime, exterior background noise levels are generally lower than in the daytime; however, most household noise also decreases at night, thus exterior noise intrusions again become noticeable. Further, most people trying to sleep at night are more sensitive to noise. To account for human sensitivity to nighttime noise levels, a special descriptor was developed. The descriptor is called the Ldn (Day/Night Average Sound Level), which represents the 24-hour average sound level with a penalty for noise occurring at night. The Ldn computation divides the 24-hour day into two periods: daytime (7:00 am to 10:00 pm); and nighttime (10:00 pm to 7:00 am). The nighttime sound levels are assigned a 10 dB penalty prior to averaging with daytime hourly sound levels.

For highway noise environments, the average noise level during the peak hour traffic volume is approximately equal to the DNL.

The effects of noise on people can be listed in three general categories:

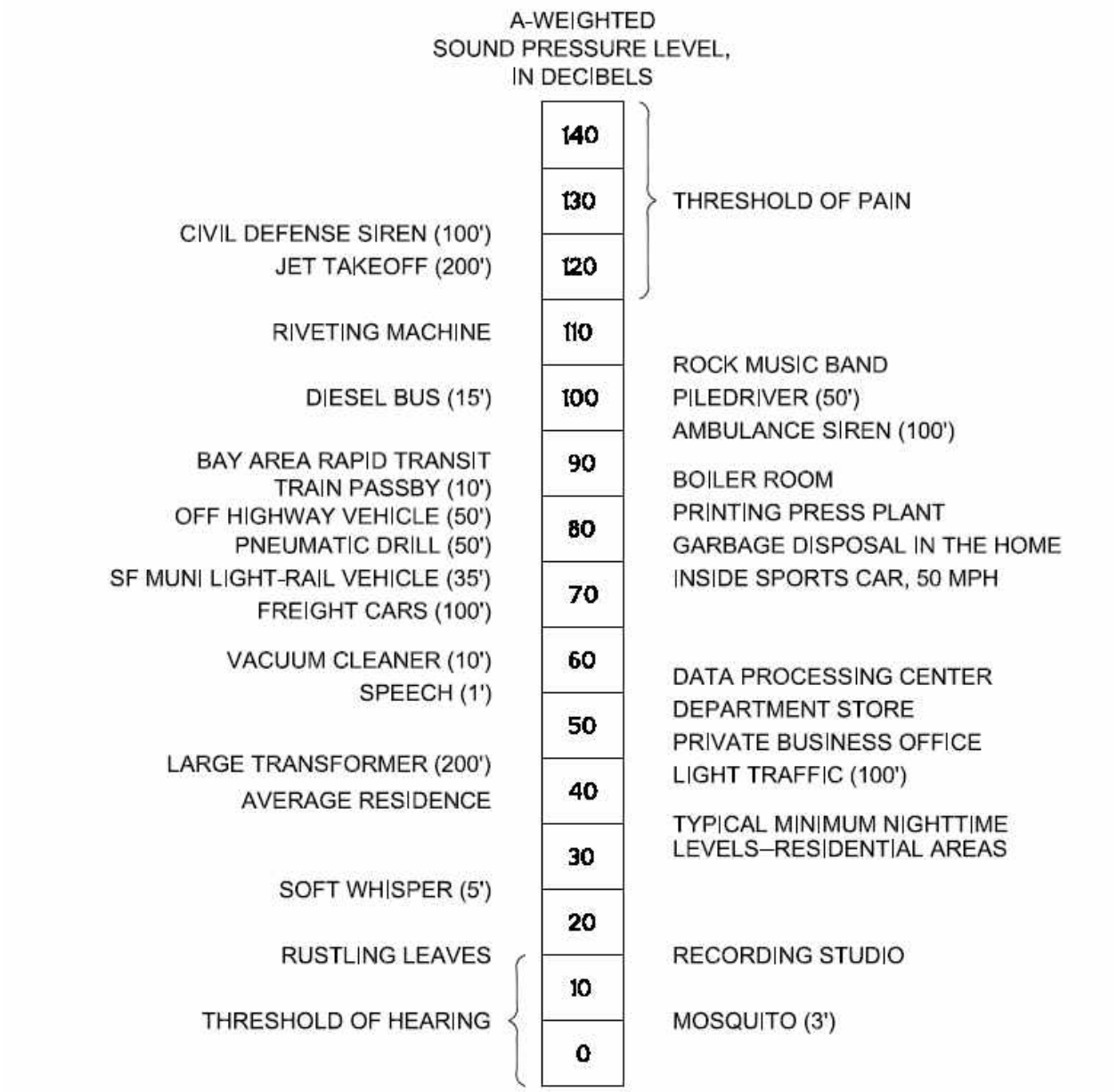
- Subjective effects of annoyance, nuisance, dissatisfaction
- Interference with activities such as speech, sleep, and learning
- Physiological effects such as startle, hearing loss

The sound levels associated with environmental noise usually produce effects only in the first two categories. Unfortunately, there has never been a completely predictable measure for the subjective effects of noise nor of the corresponding reactions of annoyance and dissatisfaction. This is primarily because of the wide variation in individual thresholds of annoyance and habituation to noise over time.

Thus, an important factor in assessing a person's subjective reaction is to compare the new noise environment to the existing noise environment. In general, the more a new noise exceeds the existing, the less acceptable the new noise will be judged.

With regard to increases in noise level, knowledge of the following relationships will be helpful in understanding the quantitative sections of this report:

Except in carefully controlled laboratory experiments, a change of only 1 dB in sound level cannot be perceived. Outside of the laboratory, a 3 dB change is considered a just-noticeable difference. A change in level of at least 5 dB is required before any noticeable change in community response would be expected. A 10 dB change is subjectively heard as approximately a doubling in loudness and would almost certainly cause an adverse community response.


A-WEIGHTED
SOUND PRESSURE LEVEL,
IN DECIBELS
140
130
120
110
100
90
80
70
60
50
40
30
20
10
0
THRESHOLD OF PAIN
CIVIL DEFENSE SIREN (100')
JET TAKEOFF (200')
RIVETING MACHINE
DIESEL BUS (15')
BAY AREA RAPID TRANSIT TRAIN PASSBY (10')
OFF HIGHWAY VEHICLE (50')
PNEUMATIC DRILL (50')
SF MUNI LIGHT-RAIL VEHICLE (35')
FREIGHT CARS (100')
VACUUM CLEANER (10')
SPEECH (1')
LARGE TRANSFORMER (200')
AVERAGE RESIDENCE
SOFT WHISPER (5')
RUSTLING LEAVES
THRESHOLD OF HEARING
ROCK MUSIC BAND
PILEDRIVER (50')
AMBULANCE SIREN (100')
BOILER ROOM
PRINTING PRESS PLANT
GARBAGE DISPOSAL IN THE HOME
INSIDE SPORTS CAR, 50 MPH
DATA PROCESSING CENTER
DEPARTMENT STORE
PRIVATE BUSINESS OFFICE
LIGHT TRAFFIC (100')
TYPICAL MINIMUM NIGHTTIME LEVELS–RESIDENTIAL AREAS
RECORDING STUDIO
MOSQUITO (3')
(100') = DISTANCE IN FEET BETWEEN SOURCE AND LISTENER
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CHARLES M. SALTER ASSOCIATES, INC.
FOR ACOUSTICAL DESIGN INFORMATION ONLY
TYPICAL SOUND LEVELS MEASURED IN THE ENVIRONMENT AND INDUSTRY
FIGURE
1107
C
11.25.03

EXHIBIT K

320 Sheridan Drive

Menlo Park, CA

UPDATED CEQA NOISE STUDY

6 November 2024

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Salter Project 24-0069

INTRODUCTION

This report summarizes our CEQA noise study for the 320 Sheridan Drive residential project (the "Project") located at 320 Sheridan Drive in Menlo Park, California. Our analysis is based on the Planning Submittal drawing set dated 26 February 2024, the draft traffic memo dated 8 March 2024 with supporting information, and construction information provided by the design team. In summary, the project would not result in a significant impact with respect to noise, based on the California Environmental Quality Act ("CEQA") checklist, and the Class 32 CEQA Exemption might apply.

The Project proposes to construct three 3-story apartment buildings, a community center with a laundry room, fitness center, computer area and office, and outdoor use spaces provided via a BBQ area and Tot Lot in the southern portion of the approximately 2.52-acre site. The Project will include a total of 88 dwelling units. In addition to this report, we also prepared an Environmental Noise Assessment for the Project, the results of which are summarized in a separate draft report dated 9 May 2024. Readers less familiar with the fundamental concepts of environmental noise, please refer to Appendix A attached.

ACOUSTICAL CRITERIA

Menlo Park General Plan

The Noise Goals, Policies, and Programs section of the Menlo Park General Plan includes the following policies which pertain to noise:

- Policy N1.4: Protect existing residential neighborhoods and noise sensitive uses from unacceptable noise levels and vibration impacts. Noise sensitive uses include, but are not limited to, hospitals, schools, religious facilities, convalescent homes and businesses with highly sensitive equipment. Discourage having noise-sensitive uses in areas in excess of 65 dB DNL without appropriate mitigation and locate noise sensitive uses away from noise sources unless mitigation measures are included in development plans.
- Policy N1.5: Design residential developments to minimize the transportation-related noise impacts to adjacent residential areas and encourage new development to be site planned and architecturally designed to minimize noise impacts on noise sensitive spaces. Proper site planning can be effective in reducing noise impacts.
- Policy N1.6: Encourage the use of construction methods, state-of-the-art noise abating materials and technology and creative site design including, but not limited to, open space, earthen berms, parking, accessory buildings, and landscaping to buffer new and existing development from noise and to reduce potential conflicts between ambient noise levels and noise-sensitive land uses. Use sound walls only when other methods are not practical or when recommended by an acoustical expert.
- Policy N1.8: Preclude the generation of annoying or harmful noise on stationary noise sources, such as construction and property maintenance activity and mechanical equipment.

- Policy N-1.10: Nuisance Noise. Minimize impacts from noise levels that exceed community sound levels through enforcement of the City's Noise Ordinance. Control unnecessary, excessive, and annoying noises within the City where not preempted by Federal and State control through implementation and updating of the Noise Ordinance.
- Policy N-1.D: Minimize Construction Activity Noise. Minimize the exposure of nearby properties to excessive noise levels from construction-related activity through CEQA [California Environmental Quality Act] review, conditions of approval and enforcement of the City's Noise Ordinance.

Menlo Park Municipal Code

Section 8.06 of the Menlo Park Municipal Code states the following:

- Section 8.06.030 sets maximum noise levels for all sources of sound measured from any residential property to any receiving residential property to a maximum of 60 dB during the daytime hours between 7:00 a.m. to 10:00 p.m., and to 50 dB during the nighttime hours between 10:00 p.m. and 7:00 a.m.
- Section 8.06.040 includes exceptions for construction activities (a) and powered equipment (b), summarized as follows:

  (a) Construction Activities

  – Construction activities are exempt from the noise ordinance between the hours of 8:00 a.m. and 6:00 p.m. Monday through Friday.

  – A sign, containing the permitted hours of construciton activities exceeding the noise limits set forth in Section 8.06.030, shall be posted at all entrances to a construction site upon the commencement of construction, for the purpose of informing contractors and subcontractors and all other persons at the construction site of the basic requirements of this chapter. The sign shall be at least five (5) feet above ground level and shall consist of a white background with black letters.

  – Notwithstanding any other provision set forth above, all powered equipment shall comply with the limits set forth in Section 8.06.040 (b).

  (b) Powered Equipment

  – Powered equipment used on a temporary, occasional or infrequent basis operated between the hours of 8:00 a.m. and 6:00 p.m. Monday through Friday. No piece of equipment shall generate noise in excess of eighty-five (85) dB at fifty (50) feet.

Section 16.08.095 of the Menlo Park Municipal Code states the following which applies to roof-mounted mechanical equipment:

- Mechanical equipment, such as air conditioning equipment, ventilation fans, vents, ducting, or similar equipment, may be placed on the roof of a building; provided, that such equipment shall be screened from view as observed at an eye level horizontal to the top of the roof-mounted equipment, except for the SP-ECR/D district which has unique screening requirements, and all sounds emitted by such equipment shall not exceed fifty (50) decibels at a distance of fifty (50) feet from such equipment.

California Environmental Quality Act (CEQA)

The CEQA Guidelines contain a checklist intended to determine whether the project would result in a significant noise impact. The checklist items ask whether a project would:

- Generate a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local General Plan or Noise Ordinance, or applicable standards of other agencies
- Generate excessive ground-borne vibration or ground-borne noise levels
- For a project located within the vicinity of a private airstrip or an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels

NOISE ENVIRONMENT

The Project site is located in Menlo Park and is bordered by Highway 101 to the north, with an existing Concrete Masonry Wall (CMU) sound wall separating the site from the highway, existing 1 and 2-story single-family residences to the east, existing 1-story multi-family residences to the west, and a public park to the south. The noise environment is predominantly controlled by vehicular traffic on Highway 101.

To quantify the existing noise environment, we conducted three multi-day measurements between 26 and 28 February 2024. In addition, we conducted 15-minute 'spot' measurements at two additional locations and compared the data with corresponding time periods of the multi-day monitors to help determine how noise levels vary with location and elevation. Table 1, below, summarizes the measured noise levels and Figure 1, attached, shows the approximate measurement locations.

Table 1: Existing Noise Environment

Monitor[1]	Location	Date/Time	DNL
LT-1	Flood Park monitor Approx. 5' from south property line	26 to 28 February 2024	70 dB
LT-2	Southwest property line monitor Approx. 20' from west property line		68 dB
LT-3	Highway 101 monitor Approx. 150' from roadway centerline		73 dB
ST-1[2]	Building 1 setback spot Approx. 120' from Hwy 101 centerline First floor/Second & Third Stories	28 February 14:35 – 14:50	69 dB / 85 dB
ST-2	Buildings 2 & 3 setback spot Approx. 260' from Hwy 101 centerline First floor/Second & Third Stories	28 February 15:05 – 15:20	69 dB / 73 dB

We also measured $L_{eq}(h)$ levels, and these were typically 2 dB quieter than the measured DNL levels at each monitor.

Analysis of Potential Noise Impacts for purposes of CEQA

Overall changes to the noise environment, attributable to the Project, include the following:

- Project-related traffic increases (permanent)
- Potential rooftop mechanical equipment noise (permanent)
- Short-term construction noise (temporary)

The following summarizes the portion of the CEQA checklist pertaining to noise. As noted previously, this analysis is part of a study being prepared for purposes of determining whether the Project qualifies for the Class 32 CEQA Exemption. As indicated below, the Project would not result in significant effects relating to noise.

CEQA itself does not define what noise level increase would be considered significant. Typically, a project is considered to have a significant impact if it would increase DNL by more than 3 dB (the minimum increase generally perceptible to most people) and cause ambient noise levels to exceed the normally acceptable guidelines in the General Plan. Where existing levels are well below the General Plan guidelines, a somewhat higher increase (i.e., 5 dB) may be tolerated before the impact is considered significant. For the purpose of this analysis, an increase exceeding 3 dB is considered significant for

[1] Multi-day monitors were at approximate heights of 10 to 12 feet above grade. Short term monitors were at approximate heights of 5 feet above grade for ST-1 and ST-4, 16 feet for ST-2 and ST-5 and 26 feet for ST-3 and ST-6. The monitoring locations were selected to document noise levels at the site as part of the environmental noise assessment. They also serve to quantify noise levels in the project area.

[2] Data for the short-term monitors was calculated using the offset from the Highway 101 multi-day monitor LT-3.

permanent noise sources, and existing noise levels at the nearest residences along Hedge Road and Van Buren Road are assumed to be similar to those measured at the site.

Would the project result in generation of a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?

This analysis compares noise from the following long and short-term generators with the CEQA Guidelines: potential permanent noise from project-generated traffic and rooftop mechanical equipment, and temporary noise from construction activities.[3]

Project Generated Traffic

Fehr & Peers prepared a Transportation Analysis for the project, summarized in a memo dated 8 March 2024. Supporting information they provided includes peak hour traffic volume data for the intersections of Sheridan Drive and Hedge Road, Hedge road and Greenwood Drive, and Greenwood Drive and Bay Road. The volumes are provided for existing and future conditions exclusive of the Project, as well as project-generated data.[4] The data shows that Project generated traffic is expected to enter and exit the site via a path along Hedge Road, Greenwood Drive, and Bay Road. Following is a summary of the associated noise levels:

- Sheridan Drive and Hedge Road – The Project will increase peak-hour traffic volumes along these roadways by 100-percent or more. However, when combined with the influence of traffic noise from US-101, which was measured to be approximately DNL 69 dB at the setback of the intersection, the project generated increase in DNL is less than 1 dB.
- Hedge Road and Greenwood Drive – The Project will increase peak-hour traffic volumes along these roadways by 22 to 80-percent or more, which corresponds with a 1 to 3 dB increase in DNL due to the project.
- Greenwood Drive and Bay Road – The Project will increase peak-hour traffic volumes along these roadways be 2 to 26-percent, which corresponds with a 0 to 1 dB increase in DNL due to the project.

As indicated above, the estimated increases in traffic noise due to the project are DNL 0 to 3 dB, which is considered less than significant. Therefore, mitigation measures are not required.

[3] This report cites a portion of AB 1307, which states the following: "This bill would specify that the effects of noise generated by project occupants and their guests on human beings is not a significant effect on the environment for residential projects for purposes of CEQA."

[4] Project generated traffic volumes have been reduced by 25-percent in our analysis based on our understanding of the Transportation Demand Management Policy Implementation Guide (TDM) document dated April 2022, which calls for the project to meet this reduction.

Operational Stationary Noise

The Project will locate outdoor air condensing units on the building rooftops. While conceptual locations are identified on roof plans, specific equipment will be selected and located during the design phase. Equipment shall be selected and located to meet the Municipal Code criteria, which identifies 50 dB as the maximum noise level allowable at the nearest property line. If needed to meet this criterion, noise reduction measures are expected to consist of equipment selection, shielding from barriers and/or parapet walls, equipment enclosures, etc.

Assuming a worst-case scenario where all rooftop air condensing units operate simultaneously 24-hours per day, the corresponding contribution to the noise environment would be DNL 56 dB. Based on the existing noise levels measured at the site, which ranged from approximately DNL 68 to 85 dB, this would increase environmental noise by less than 1-decibel, which is considered less-than-significant.

Construction Noise

Construction of the Project is expected to occur over an approximately 12-month period starting in 2025. Noise levels from construction activities will vary, depending on the type of equipment being used, the process, and the location. The loudest phases of construction are expected to be demolition, grading/excavation, and trenching/foundation. Construction will not include pile driving. Table 2, below, provides a list of construction equipment expected to be used during each phase and Table 3 provides reference sound levels for construction equipment at a distance of 50 feet. Following is an overall breakdown of Project phasing:

- Demolition for approximately a month (starting month one)
- Site preparation (starting month one)
- Grading/Excavation and Trenching/Foundation (starting month two)
- Building – Exteriors (starting month two)
- Building – Interior/Architectural Coating (starting month eleven)
- Paving for approximately a month (during month twelve)

Table 2: Construction Equipment

Phase	Equipment
Demolition	Concrete/Industrial Saws, Excavators, Rubber-Tired Dozers, Tractors/Loaders/Backhoes
Site Preparation	Graders, Rubber-Tired Dozers, Tractors/Loaders/Backhoes
Grading/Excavation	Excavators, Graders, Rubber-Tired Dozers, Concrete/Industrial Saws, Tractors/Loaders/Backhoes
Trenching/Foundation	Tractors/Loaders/Backhoes, Excavators
Building – Exterior	Cranes, Forklifts, Generator Sets, Tractors/Loaders/Backhoes, Welders
Building – Interior/Architectural Coating	Air Compressors, Aerial Lift
Paving	Cement and Mortar Mixes, Pavers, Paving Equipment, Rollers, Tractors/Loaders/Backhoes

Table 3: Typical Construction Equipment Noise Levels[5]

Construction Equipment	Typical Noise Level (dB) at 50 feet
Air Compressor	80 dB
Backhoe	80 dB
Bulldozer	85 dB
Cement and Mortar Mixers	85 dB
Compressor (air)	81 dB
Concrete/Industrial Saw	76 dB
Concrete Mixer	85 dB
Concrete Trucks	85 dB
Excavator	81 dB
Generator	82 dB
Grader	85 dB
Loader	80 dB
Plaster Pump	82 dB
Pneumatic Tool	85 dB
Pump	77 dB
Rebar Saw	76 dB
Roller	85 dB
Scraper	85 dB
Truck (traveling)	84 dB

The nearest adjacent residences are located to the east and west of the site, approximately 40 to 65 feet from the closest planned Project buildings. Between the hours of 8:00 am and 6:00 pm, Monday through Friday, construction noise will be limited to 85 dB at 50 feet (the reference equipment noise levels listed

[5] Based on the Federal Highway Administration document "FHWA Highway Construction Noise Handbook" Tables 7.3 and 9.9, Federal Transit Administration document "Transit Noise and Vibration Impact Assessment" Table 12-1, US EPA document, "Noise from Construction Equipment and Operations, Building Equipment, and Home Appliances" (1971), and data from other Salter construction noise monitoring projects. Construction-generated noise typically drops off at a rate of approximately 6 dB for each doubling of distance, and construction noise will be lower during quieter phases.

in Table 3 meet this criterion), and signs will be posted at all entrances to the site, per the Municipal Code.[6] During other times, construction activity noise must be limited to 60 dB between 7:00 am and 10:00 pm, and 60 dB between 10:00 pm and 7:00 am. Since construction of the project will comply with the noise goals outlined I the General Plan and Municipal Code, the potential impact of construction noise is less than significant.

The Project, which is located on a Housing Element site, also must comply with the City's standard conditions of approval and measures for projects on such sites, which include the following noise reduction measures[7]:

- Construction activities will generally be limited to between 8:00 am and 6:00 pm Monday through Friday.
  - Noise from individual pieces of equipment shall not exceed 85 dB at 50 feet.
  - Any construction activities taking place outside these hours shall comply with the general Municipal Code criteria of Leq 60 dB between the hours of 7:00 am and 8:00 am, and 50 dB between the hours of 6:00 am and 7:00 am. Combined construction noise shall be limited to 10 dB above the ambient for any hour, as measured at nearby sensitive receivers (i.e., the adjacent residences). This will be evaluated by the developer or contactor on a case-by-case basis when the need for specific construction activities outside standard construction hours is needed.
- A note shall be included in development plans indicating the developer or contractor will be responsible for ensuring that construction activities are consistent with these noise reduction measures. If needed, the Project may consider alternative means and methods, construction equipment, and/or temporary barriers to help reduce noise transfer.
- All internal combustion engines on construction equipment and trucks shall be fitted with properly maintained mufflers, air intake silencers, and/or engine shrouds that are no less effective than as originally equipped by the manufacturer.
- Locate stationary noise-generating equipment, such as air compressors or portable power generators, as far as possible from sensitive receptors as feasible.
- Construction staging areas, including truck loading and unloading operations, shall be scheduled and located so they minimize the noise impact on adjacent off-site residences.
- Unnecessary idling of internal combustion engines should be strictly prohibited. We understand the Project must also comply with the air districts rules regarding construction emissions, which limits idling times of diesel equipment to 5 minutes or less.
- Limit the use of public address systems.

---

6 The signs will containing the permitted hours of construction activities exceeding the noise limits set forth in Section 8.06.030, will be posted at all entrances to the site, shall be at least five (5) feet above ground level, and shall consist of a white background with black letters.

7 See the Mitigation Monitoring and Reporting Program for the Housing Element Update, adopted on January 23, 2024.

- Construction traffic shall be limited to the haul routes established by the City of Menlo Park.

Would the project result in generation of excessive ground-borne vibration or ground-borne noise levels?

The Project is not expected to include any significant sources of ground-borne vibration or ground-borne noise. However, temporary construction activities may generate temporary ground-borne vibration. Construction of the project will include demolition of existing foundations and/or concrete slabs, site preparation and utilities, new building foundations, framing, and finishing, and is expected to use the equipment included in Table 3 above (the project is not expected to include pile driving or blasting). Published vibration levels for common construction equipment at a reference distance of 25 feet are summarized in Table 4 below.[8]

Table 4: Measured Noise Levels

Equipment	Reference PPV (in/sec) at 25'	Corresponding PPV (in/sec) at 12'
Jackhammer	0.035	0.105
Large Bulldozer	0.089	n/a
Loaded Truck	0.076	n/a
Small Bulldozer	0.003	0.009
Vibratory Roller	0.210	n/a

The nearest adjacent residences are single-family homes along Sheridan Drive which are approximately 12-feet and farther from an existing concrete slab and 25-feet and farther from planned buildings and hardscape (sidewalks and roadways), on the project site. The houses appear to be of normal conventional construction, and we are not aware of specific vibration-sensitive uses or sensitivity of these buildings.

Estimated vibration levels for the construction equipment included in Table 4 are below the 0.25 in/sec PPV level identified in the Housing Element Update EIR[9], as potentially damaging for historic and older buildings. Therefore, construction of the project would result in a less than significant vibration impact.

[8] Source: Transit Noise and Vibration Impact Assessment Manual, Federal Transit Administration, September 2018, Table 7-4: Vibration Source Levels for Construction Equipment. Vibration levels for building damage are provided in Table 7-5: Construction Vibration Damage Criteria. Construction vibration levels may vary, depending on factors such as soil conditions, construction methods, equipment location, etc., and may be perceptible on adjacent sites.

[9] City of Menlo Park Housing Element Update Draft Subsequent Environmental Impact Report (Housing Element Update EIR), November 2022.

For a project located within the vicinity of a private airstrip or an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?

The Project site is located over two miles from the Palo Alto and San Carlos airports, San Francisco International, Oakland International and San Jose Mineta International airports, Moffett Federal Airfield, and does not fall within the airport land use planning areas, runway protection zones, or the 55 dB CNEL noise contours of any of these airports.

* * *

APPENDIX A

Fundamental Concepts of Environmental Noise

This section provides background information to aid in understanding the technical aspects of this report. Three dimensions of environmental noise are important in determining subjective response. These are:

- The intensity or level of the sound
- The frequency spectrum of the sound
- The time-varying character of the sound

Airborne sound is a rapid fluctuation of air pressure above and below atmospheric pressure. Sound levels are usually measured and expressed in decibels (dB), with 0 dB corresponding roughly to the threshold of hearing.

The "frequency" of a sound refers to the number of complete pressure fluctuations per second in the sound. The unit of measurement is the cycle per second (cps) or hertz (Hz). Most of the sounds which we hear in the environment, do not consist of a single frequency, but of a broad band of frequencies, differing in level. The name of the frequency and level content of a sound is its sound spectrum. A sound spectrum for engineering purposes is typically described in terms of octave bands, which separate the audible frequency range (for human beings, from about 20 to 20,000 Hz) into ten segments.

Many rating methods have been devised to permit comparisons of sounds having quite different spectra. Surprisingly, the simplest method correlates with human response practically as well as the more complex methods. This method consists of evaluating all of the frequencies of a sound in accordance with a weighting that progressively de-emphasizes the importance of frequency components below 1000 Hz and above 5000 Hz. This frequency weighting reflects the fact that human hearing is less sensitive at low frequencies and at extreme high frequencies relative to the mid-range.

The weighting system described above is called "A"-weighting, and the level so measured is called the "A-weighted sound level" or "A-weighted noise level." The unit of A-weighted sound level is sometimes abbreviated "dB." In practice, the sound level is conveniently measured using a sound level meter that includes an electrical filter corresponding to the A-weighting characteristic. All U.S. and international standard sound level meters include such a filter. Typical sound levels found in the environment and in industry are shown below.

Although a single sound level value may adequately describe environmental noise at any instant in time, community noise levels vary continuously. Most environmental noise is a conglomeration of distant noise sources, which results in a relatively steady background noise having no identifiable source. These distant sources may include traffic, wind in trees, industrial activities, etc. and are relatively constant from moment to moment. As natural forces change or as human activity follows its daily cycle, the sound level may vary slowly from hour to hour. Superimposed on this slowly varying background is a succession of

identifiable noisy events of brief duration. These may include nearby activities such as single vehicle pass-bys, aircraft flyovers, etc. which cause the environmental noise level to vary from instant to instant.

To describe the time-varying character of environmental noise, statistical noise descriptors were developed. "L10" is the A-weighted sound level equaled or exceeded during 10 percent of a stated time period. The L10 is considered a good measure of the maximum sound levels caused by discrete noise events. "L50" is the A-weighted sound level that is equaled or exceeds 50 percent of a stated time period; it represents the median sound level. The "L90" is the A-weighted sound level equaled or exceeded during 90 percent of a stated time period and is used to describe the background noise.

As it is often cumbersome to quantify the noise environment with a set of statistical descriptors, a single number called the average sound level or "Leq" is now widely used. The term "Leq" originated from the concept of a so-called equivalent sound level which contains the same acoustical energy as a varying sound level during the same time period. In simple but accurate technical language, the Leq is the average A-weighted sound level in a stated time period. The Leq is particularly useful in describing the subjective change in an environment where the source of noise remains the same but there is change in the level of activity. Widening roads and/or increasing traffic are examples of this kind of situation.

In determining the daily measure of environmental noise, it is important to account for the different response of people to daytime and nighttime noise. During the nighttime, exterior background noise levels are generally lower than in the daytime; however, most household noise also decreases at night, thus exterior noise intrusions again become noticeable. Further, most people trying to sleep at night are more sensitive to noise. To account for human sensitivity to nighttime noise levels, a special descriptor was developed. The descriptor is called the Ldn (Day/Night Average Sound Level), which represents the 24-hour average sound level with a penalty for noise occurring at night. The Ldn computation divides the 24-hour day into two periods: daytime (7:00 am to 10:00 pm); and nighttime (10:00 pm to 7:00 am). The nighttime sound levels are assigned a 10 dB penalty prior to averaging with daytime hourly sound levels.

For highway noise environments, the average noise level during the peak hour traffic volume is approximately equal to the DNL.

The effects of noise on people can be listed in three general categories:

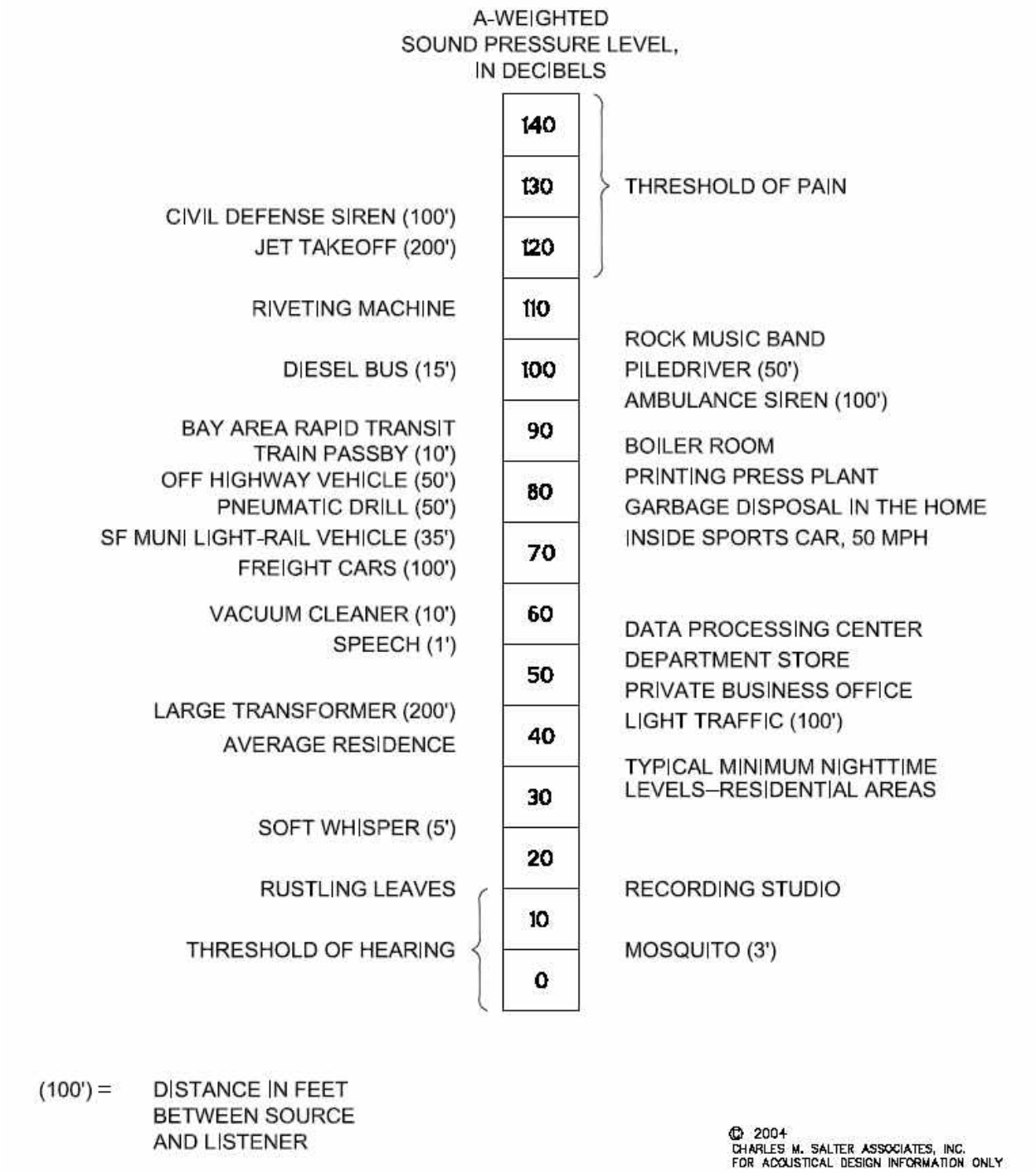
- Subjective effects of annoyance, nuisance, dissatisfaction
- Interference with activities such as speech, sleep, and learning
- Physiological effects such as startle, hearing loss

The sound levels associated with environmental noise usually produce effects only in the first two categories. Unfortunately, there has never been a completely predictable measure for the subjective effects of noise nor of the corresponding reactions of annoyance and dissatisfaction. This is primarily because of the wide variation in individual thresholds of annoyance and habituation to noise over time.

Thus, an important factor in assessing a person's subjective reaction is to compare the new noise environment to the existing noise environment. In general, the more a new noise exceeds the existing, the less acceptable the new noise will be judged.

With regard to increases in noise level, knowledge of the following relationships will be helpful in understanding the quantitative sections of this report:

Except in carefully controlled laboratory experiments, a change of only 1 dB in sound level cannot be perceived. Outside of the laboratory, a 3 dB change is considered a just-noticeable difference. A change in level of at least 5 dB is required before any noticeable change in community response would be expected. A 10 dB change is subjectively heard as approximately a doubling in loudness and would almost certainly cause an adverse community response.


A-WEIGHTED
SOUND PRESSURE LEVEL,
IN DECIBELS
140
130
120
110
100
90
80
70
60
50
40
30
20
10
0
THRESHOLD OF PAIN
CIVIL DEFENSE SIREN (100')
JET TAKEOFF (200')
RIVETING MACHINE
DIESEL BUS (15')
BAY AREA RAPID TRANSIT TRAIN PASSBY (10')
OFF HIGHWAY VEHICLE (50')
PNEUMATIC DRILL (50')
SF MUNI LIGHT-RAIL VEHICLE (35')
FREIGHT CARS (100')
VACUUM CLEANER (10')
SPEECH (1')
LARGE TRANSFORMER (200')
AVERAGE RESIDENCE
SOFT WHISPER (5')
RUSTLING LEAVES
THRESHOLD OF HEARING
ROCK MUSIC BAND
PILEDRIVER (50')
AMBULANCE SIREN (100')
BOILER ROOM
PRINTING PRESS PLANT
GARBAGE DISPOSAL IN THE HOME
INSIDE SPORTS CAR, 50 MPH
DATA PROCESSING CENTER
DEPARTMENT STORE
PRIVATE BUSINESS OFFICE
LIGHT TRAFFIC (100')
TYPICAL MINIMUM NIGHTTIME LEVELS–RESIDENTIAL AREAS
RECORDING STUDIO
MOSQUITO (3')
(100') = DISTANCE IN FEET BETWEEN SOURCE AND LISTENER
© 2004
CHARLES M. SALTER ASSOCIATES, INC.
FOR ACOUSTICAL DESIGN INFORMATION ONLY
TYPICAL SOUND LEVELS MEASURED IN THE ENVIRONMENT AND INDUSTRY
FIGURE
1107
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11.25.03

LIVE OAK
ASSOCIATES, INC.

BIOLOGICAL REPORT IN SUPPORT OF A CEQA CLASS 32 EXEMPTION

Prepared by

LIVE OAK ASSOCIATES, INC.
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April 15, 2024 PN 2862-01

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APPENDIX A 18

1 INTRODUCTION

The 320 Sheridan Drive Property ("Project Site") was evaluated by Live Oak Associates, Inc. (LOA) to ascertain whether or not build-out of a proposed residential development ("Project") would be eligible for an exemption from the California Environmental Quality Act ("CEQA"). Specifically, LOA was tasked with analyzing the biological resources of the Project Site and region for purposes of determining whether the Class 32 Exemption (14 Cal. Code Regs ("CEQA Guidelines"), § 15332) might apply to the Project.

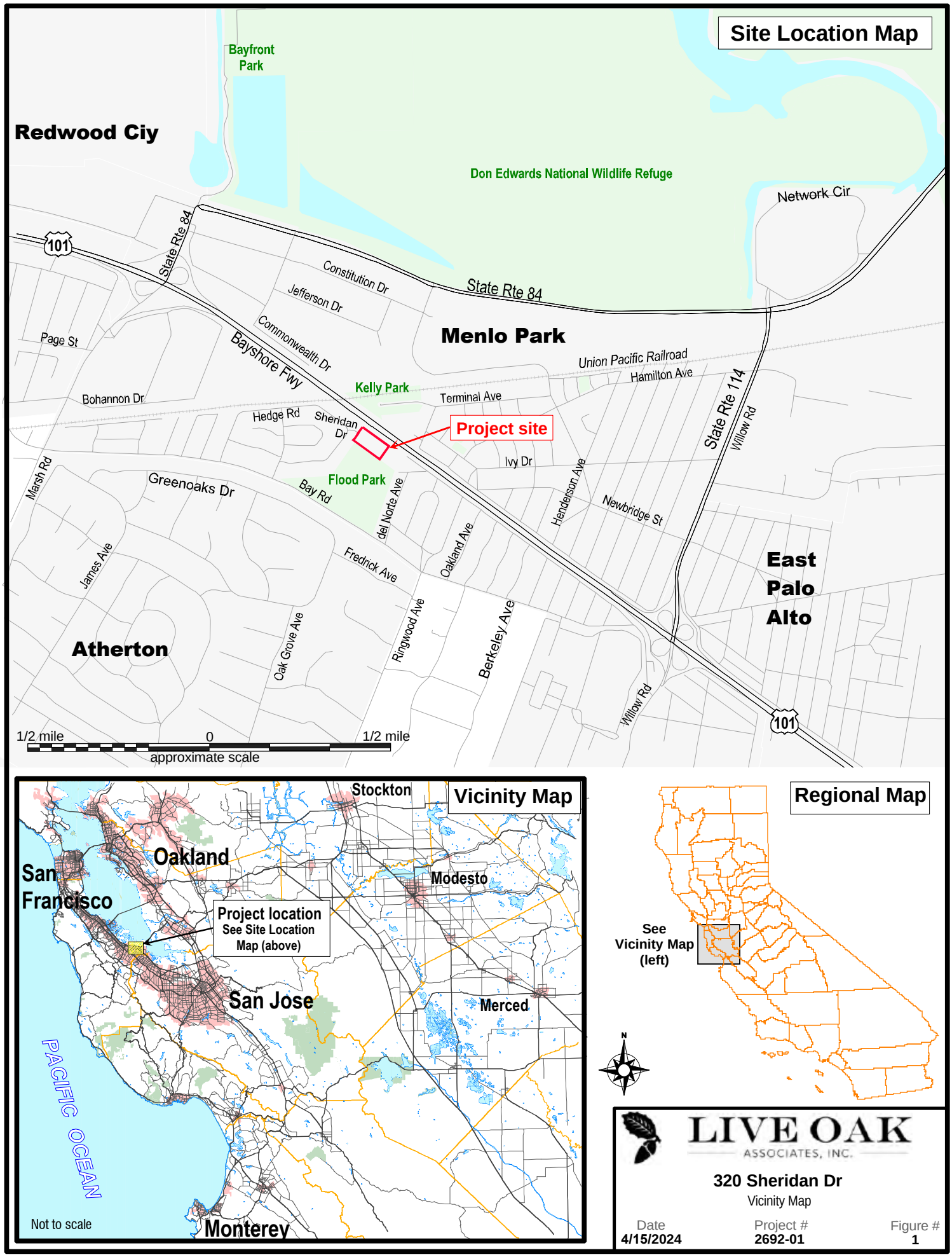
In furtherance of its analysis regarding the applicability of the CEQA Guidelines section 15332 exemption, this report describes the biotic resources of the approximately 2.5-acre Project Site and evaluates whether the Project Site, which previously functioned as an elementary school and would be redeveloped into an affordable housing development project, has value as habitat for endangered, rare, or threatened species. The Project Site is located at 320 Sheridan Dr. (APN 055-303-110) in the City of Menlo Park, San Mateo County, California (Figure 1). The Project Site can be found within the Palo Alto U.S.G.S. 7.5' quadrangle in Section 23 of Township 5 south, Range 3 west.

The analysis of the Project Site's habitat value, as discussed in Section 3.0 of this report, was based on the known and potential biotic resources of the Project Site discussed in Section 2.0. Sources of information used in the preparation of this analysis included: 1) the *California Natural Diversity Data Base* (RareFind 5; CDFW 2024); 2) the *California Rare Plant Rank* (CNPS 2024); 3) manuals and references related to plants and animals of the Santa Mateo County region; 4) policies and ordinances of the City of Menlo Park that relate to biotic resources.

A field survey of the Project Site was conducted on February 27, 2024, by LOA ecologist Cristal Romero, to verify existing conditions as well as to assess the site's suitability and value as habitat for supporting special status species.

1.1 PROJECT DESCRIPTION

The project proposes to construct a three-story, 88-unit residential development, along with associated structures and paved parking areas, at the Project Site, which was previously developed with an elementary school.


Site Location Map
Bayfront Park
Redwood Ciy
Don Edwards National Wildlife Refuge
Network Cir
101
State Rte 84
Constitution Dr
Jefferson Dr
State Rte 84
Commonwealth Dr
Page St
Bayshore Fwy
Menlo Park
Union Pacific Railroad
Hamilton Ave
Kelly Park
Terminal Ave
Bohannon Dr
Hedge Rd
Sheridan Dr
Project site
State Rte 114
Willow Rd
Ivy Dr
Marsh Rd
Greenoaks Dr
Bay Rd
Flood Park
del Norte Ave
Henderson Ave
Newbridge St
James Ave
Fredrick Ave
Oakland Ave
East Palo Alto
Atherton
Oak Grove Ave
Ringwood Ave
Berkeley Ave
Willow Rd
101
1/2 mile
0
1/2 mile
approximate scale
Vicinity Map
Stockton
Oakland
San Francisco
Modesto
Project location
See Site Location Map (above)
San Jose
Merced
PACIFIC OCEAN
Not to scale
Monterey
Regional Map
See Vicinity Map (left)
N
LIVE OAK
ASSOCIATES, INC.
320 Sheridan Dr
Vicinity Map
Date
4/15/2024
Project #
2692-01
Figure #
1

2 EXISTING CONDITIONS

The approximately 2.5-acre Project Site consists of a single parcel and was previously developed with the James Flood Magnet School, which closed in 2012. The Project Site is presently vacant, with concrete pads and landscaping, indicating that the school has been demolished. There are several trees onsite, mostly around the perimeter, though there are a few that stand more or less in the center of the parcel. The parcel is immediately adjacent to US Route 101, with an approximately 10-ft stone wall separating the site from the busy interstate highway. The site is adjacent to a parking lot of Flood Park, the parking lot of a facility currently in use as an interim shelter and services site (LifeMoves), and single-family residences. The site has essentially flat topography with elevations around 16-18 feet.

Annual precipitation in the general vicinity of the Project Site is about 15-20 inches, almost 85% of which falls between the months of October and March. Virtually all precipitation falls in the form of rain.

Only one soil map unit occurs on the site (NRCS 2024): Urban land-Orthents, cut and fill complex, 0 to 5 percent slopes. This soil is characterized as well drained and is not hydric. This soil is not considered alkaline or serpentine; therefore, special status plants adapted to alkaline and serpentine soils are not expected to occur on the site.

2.1 BIOTIC HABITATS

The site supports one land cover type—Developed/Landscaped—which was present on the site.

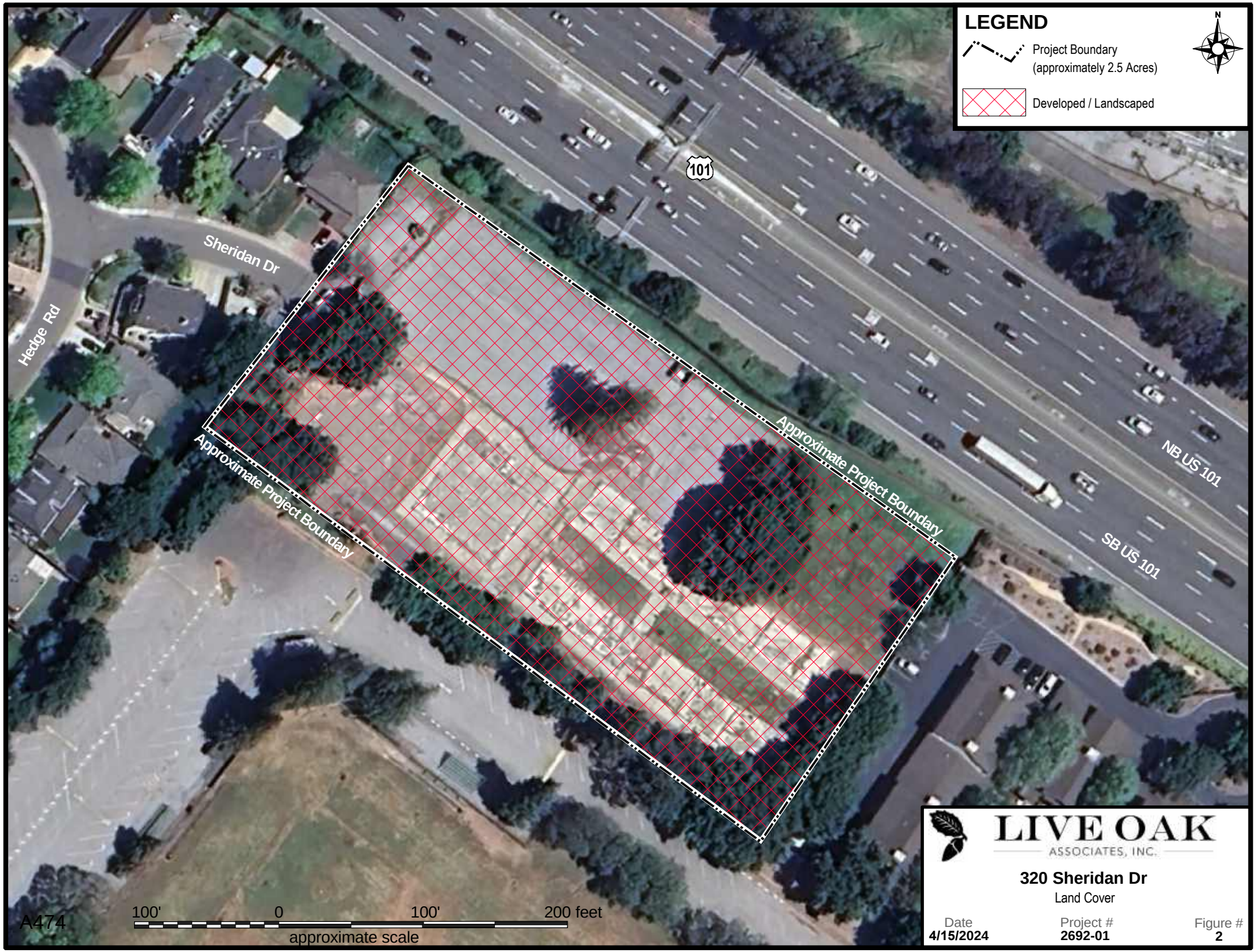
This land cover type is described in greater detail below and in Figure 2.

2.1.1 Developed/Landscaped

The entire site (approximately 2.5-acres) consists of developed habitat. Most of the acreage is paved over, however there are patches of field that likely previously functioned as maintained lawn and landscaping. The remnants of a small garden (raised beds and a few small, cultivated trees that are dead or dying) exists in the eastern corner of the site. Two notable tree species occur on the site: several coast live oaks (*Quercus agrifolia*) and one coastal redwood (*Sequoia sempervirens*). The site supports vegetation typical of urban development with both planted and weedy species, including, but not limited to slender wild oat (*Avena barbata*), coyote brush (*Baccharis pilularis*), cleavers (*Galium sp.*), small-flowered crane's bill *(Geranium pusillum*), English ivy (*Hedera helix*), bristly oxtongue

(*Helminthotheca echioides*), prickly lettuce (*Lactuca serriola*), milk thistle (*Silybum marianum*), rat's tail fescue (*Vulpia pyuros*), and other landscaped trees, plants, and lawn.

Wildlife observed within or flying over the property during the February 2024 site visit was limited to American crow (*Corvus brachyrhynchos*), northern mockingbird (*Mimus polyglottos*), California towhee (*Melozone crissalis*), and Botta's pocket gopher (*Thomomys bottae*) sign.


LEGEND
Project Boundary
(approximately 2.5 Acres)
Developed / Landscaped
N
101
Sheridan Dr
Hedge Rd
Approximate Project Boundary
Approximate Project Boundary
NB US 101
SB US 101
A474
100'
0
100'
200 feet
approximate scale
LIVE OAK
ASSOCIATES, INC.
320 Sheridan Dr
Land Cover
Date
4/15/2024
Project #
2692-01
Figure #
2

2.2 MOVEMENT CORRIDORS

General Discussion- Landscape linkages are defined as "areas that allow for the movement of species from one area of suitable habitat to another. A linkage can vary from a narrow strip of habitat that only functions as a conduit for movement (i.e., a corridor) or a large area of intact habitat that is used for movement, dispersal, and other life functions such as foraging and breeding" (ICF International 2012). Many wildlife linkages are broad areas of regional movement corridors for wildlife that generally includes a wide swath of land used for movement between two or more core areas for multiple regional species.

Habitat corridors are vital to terrestrial animals for connectivity between core habitat areas (i.e., larger intact habitat areas where species reside). Connections between two or more core habitat areas help ensure that genetic diversity is maintained, thereby diminishing the probability of inbreeding depression and geographic extinctions.

The quality of habitat within the corridors is important. In general, "better" habitat has less human interference (e.g., roads, homes, etc.) and is more desirable to more species than areas with sparse vegetation and high-density roads. Movement corridors in California are typically associated with valleys, rivers and creeks supporting riparian vegetation, and ridgelines. With increasing encroachment of humans on wildlife habitats, it has become important to establish and maintain linkages, or movement corridors, for animals to be able to access locations containing different biotic resources that are essential to maintaining their life cycles.

Healthy riparian areas (supporting structural diversity, i.e., understory species to saplings to mature riparian trees) not only support a rich and diverse wildlife community but have also been shown to facilitate regional wildlife movement. Riparian areas can vary from tributaries winding through scrubland to densely vegetated riparian forests.

Local Discussion- The Project Site is developed and is surrounded by development which prohibits the free movement of regional wildlife from one suitable habitat patch to another. Therefore, the redevelopment of the parcel is not expected to have any further impact to the site's ecological value. Additionally, the approximately 10-ft wall and active highway adjacent to the site currently inhibits the area from being an effective movement corridor. Therefore, the site is expected to play a minimal role

in the regional movement of wildlife species, and species moving through the site are likely limited to common species occurring in urban areas such as raccoons, opossums, and skunks.

2.3 SPECIAL STATUS PLANTS AND ANIMALS

Several species of plants and animals within the state of California have low populations, limited distributions, or both. Such species may be considered "rare" and are vulnerable to extirpation as the state's human population grows and the habitats these species occupy are converted to agricultural and urban uses. As described more fully in Section 3.2, state and federal laws have provided the California Department of Fish and Wildlife (CDFW) and the U.S. Fish and Wildlife Service (USFWS) with a mechanism for conserving and protecting the diversity of plant and animal species native to the state. To that end, many native plant and animal species have been formally designated as threatened or endangered under state and federal endangered species legislation. Others have been designated as "candidates" for such listing. Still others have been designated as "species of special concern" by the CDFW. Finally, the California Native Plant Society (CNPS) in collaboration with the CDFW, have developed the California Rare Plant Rank (CRPR) assigned to rare, threatened, or endangered plants which fall under Section 15380 of CEQA (CDFW, 2018). Collectively, these plants and animals are referred to as "special status species."

LOA conducted a search of published accounts for all special status species, including endangered, threatened, California species of special concern, and species listed for candidacy under the Federal Endangered Species Act (FESA) and California Endangered Species Act (CESA) for the Palo Alto USGS 7.5-minute quadrangle in which the Project Site is located, and for the eight surrounding quadrangles (San Mateo, Redwood Point, Newark, Woodside, Mountain View, La Honda, Mindego Hill, and Cupertino) in the California Natural Diversity Data Base (CNDDB) Rarefind (CDFW 2024) and the CNPS inventory of rare and endangered plants.

Local Discussion- The Project Site's suitability as habitat for special status plants and animals known to occur within the region was evaluated. Please see Appendix A for an evaluation of special status species' potential to occur on the site.

2.4 JURISDICTIONAL WATERS

General Discussion-Jurisdictional waters include rivers, creeks, and drainages that have a defined bed and bank and which, at the very least, carry ephemeral flows. Jurisdictional waters also include lakes, ponds, reservoirs, and wetlands. Such waters may be subject to the regulatory authority of the U.S. Army Corps of Engineers (USACE), CDFW, and the Regional Water Quality Control Board (RWQCB). See Section 3.2.5 of this report for additional information.

Local Discussion- The site does not support jurisdictional waters. The closest riparian corridor to the site is that of San Francisquito Creek which occurs more than three miles away.

3 ANALYSIS OF VALUE OF HABITAT FOR ENDANGERED, RARE OR THREATENED SPECIES

3.1 ANALYSIS CRITERIA

Projects requiring discretionary approvals that permit the lead agency to exercise sufficient discretion to alter the project in a manner that would reduce its environmental effects are subject to the provisions of CEQA. Projects meeting certain criteria can be exempt from CEQA under the Class 32 Exemption. As related to biological resources, the Class 32 Exemption requires that a project site has no value as habitat for endangered, rare, or threatened species. Per the California Code of Regulations:

(a) "Species" as used in this section means a species or subspecies of animal or plant or a variety of plant.

(b) A species of animal or plant is:

(1) "Endangered" when its survival and reproduction in the wild are in immediate jeopardy from one or more causes, including loss of habitat, change in habitat, overexploitation, predation, competition, disease, or other factors; or

(2) "Rare" when either:

A. Although not presently threatened with extinction, the species is existing in such small numbers throughout all or a significant portion of its range that it may become endangered if its environment worsens; or

B. (B) The species is likely to become endangered within the foreseeable future throughout all or a significant portion of its range and may be considered "threatened" as that term is used in the Federal Endangered Species Act.

(c) A species of animal or plant shall be presumed to be endangered, rare or threatened, as it is listed in:

(1) Sections 670.2 or 670.5, Title 14, California Code of Regulations; or

(2) Title 50, Code of Federal Regulations Sections 17.11 or 17.12 pursuant to the Federal Endangered Species Act as rare, threatened, or endangered.

(d) A species not included in any listing identified in subdivision (c) shall nevertheless be considered to be endangered, rare or threatened, if the species can be shown to meet the criteria in subdivision (b).

This report analyzes the Project Site's value as habitat for such species including those species that have been designated by the California Department of Fish and Wildlife (CDFW) as a "Species of Special Concern" (SSC) or "Fully Protected" (FP). These designations are appropriately included as the criteria for these designations are such that these species would qualify as "rare". Moreover, take or possession of fully protected species is prohibited without the authorization of CDFW and only under specific circumstances.

3.2 RELEVANT GOALS, POLICIES, AND LAWS

3.2.1 Threatened and Endangered Species

State and federal "endangered species" legislation has provided the California Department of Fish and Wildlife (CDFW) and the U.S. Fish and Wildlife Service (USFWS) with a mechanism for conserving and protecting plant and animal species of limited distribution and/or low or declining populations. Species listed as threatened or endangered under provisions of the state and federal Endangered Species Acts, candidate species for such listing, state species of special concern, and some plants listed as endangered by the California Native Plant Society are collectively referred to as "species of special status." Permits may be required from both the CDFW and USFWS if activities associated with a proposed project will result in the take of a listed species. To "take" a listed species, as defined by the state of California, is "to hunt, pursue, catch, capture, or kill, or attempt to hunt, pursue, catch, capture or kill" said species (California Fish and Game Code, Section 86). "Take" is more broadly defined by the federal Endangered Species Act to include "harm" of a listed species (16 USC, Section 1532(19), 50 CFR, Section 17.3). Furthermore, the CDFW and the USFWS are responding agencies under the California Environmental Quality Act (CEQA). Both agencies review CEQA documents to determine the adequacy of their treatment of endangered species issues and to make project-specific recommendations for their conservation.

3.2.2 Migratory Birds

State and federal laws also protect most bird species, including some species that do not fall withing the categories of endangered, threatened, or rare. The State of California signed Assembly Bill 454 into law in 2019, which clarifies native bird protection and increases protections where California law previously deferred to Federal law. The Federal Migratory Bird Treaty Act (FMBTA: 16 U.S.C., scc. 703, Supp. I, 1989) prohibits killing, possessing, or trading in migratory birds, except in accordance with regulations prescribed by the Secretary of the Interior. This act encompasses whole birds, parts of birds, and bird nests and eggs.

3.2.3 Birds of Prey

Birds of prey are protected in California under provisions of the State Fish and Game Code, Section 3503.5, which states that it is "unlawful to take, possess, or destroy any birds in the order *Falconiformes* or *Strigiformes* (birds of prey) or to take, possess, or destroy the nest or eggs of any such bird except as otherwise provided by this code or any regulation adopted pursuant thereto". Construction disturbance during the breeding season could result in the incidental loss of fertile eggs or nestlings, or otherwise lead to nest abandonment. Disturbance that causes nest abandonment and/or loss of reproductive effort is considered "taking" by the CDFW.

Additionally, the Bald and Golden Eagle Protection Act (16 U.S.C., scc. 668-668c) prohibits anyone from taking bald or golden eagles, including their parts, nests, or eggs, unless authorized under a federal permit. The act prohibits any disturbance that directly affects an eagle or an active eagle nest as well as any disturbance caused by humans around a previously used nest site during a time when eagles are not present such that it agitates or bothers an eagle to a degree that interferes with or interrupts normal breeding, feeding, or sheltering habits, and causes injury, death, or nest abandonment.

3.2.4 Bats

Section 2000 and 4150 of the California Fish and Game Code states that it is unlawful to take or possess several species, including bats, without a license or permit, as required by Section 3007. Additionally, Title 14 of the California Code of Regulations states it is unlawful to harass, herd, or drive several species, including bats. To harass is defined as "an intentional act which disrupts an animal's normal behavior patterns, which includes, but is not limited to, breeding, feeding or sheltering." For these reasons, bat

colonies are sensitive and therefore, disturbances that cause harm to bat colonies are unlawful even though some bat species are not considered endangered, threatened, or rare.

3.2.5 Wetlands and Other "Jurisdictional Waters"

Section 404 of the federal Clean Water Act (CWA) regulates the discharge of dredged or fill material into "navigable waters" (33 U.S.C. §1344), defined in the CWA as "the waters of the United States, including the territorial seas" (33 U.S.C. §1362(7)). The CWA does not supply a definition for waters of the U.S., and that has been the subject of considerable debate since the CWA's passage in 1972. A variety of regulatory definitions have been promulgated by the two federal agencies responsible for implementing the CWA, the Environmental Protection Agency (EPA) and USACE. These definitions have been interpreted, and in some cases, invalidated, by federal courts.

Waters of the U.S. are presently defined by the EPA and USACE's joint 2023 Revised Definition of 'Waters of the U.S.' Rule (2023 WOTUS Rule), with certain interpretive modifications imposed by the U.S. Supreme Court's May 25, 2023, decision in the case of *Sackett v. Environmental Protection Agency*. These waters include:

- Waters which are currently used, or were used in the past, or may be susceptible to use in interstate or foreign commerce, including all waters which are subject to the ebb and flow of the tide.
- The territorial seas.
- Interstate waters, including interstate wetlands.
- Impoundments of waters otherwise defined as waters of the United States under the definition.
- Tributaries to other waters of the U.S. that are relatively permanent, standing or continuously flowing bodies of water.
- Wetlands adjacent to other waters of the U.S. that have a continuous surface connection to those waters.

The 2023 WOTUS Rule also defines several exclusions from the definition of waters of the U.S., many of which are longstanding exclusions from earlier regulatory regimes. These generally include:

- Waste treatment systems.
- Prior converted cropland.
- Ditches excavated wholly in and draining only dry land that do not carry a relatively permanent flow of water.
- Certain artificial features, e.g., irrigation basins, swimming pools, borrow pits, and artificially irrigated areas.
- Swales and erosional features characterized by low volume, infrequent, or short duration flow.

All activities that involve the discharge of dredge or fill material into waters of the U.S. are subject to the permit requirements of the USACE. Such permits are typically issued on the condition that the applicant agrees to provide mitigation that results in no net loss of wetland functions or values.

Under the Porter-Cologne Water Quality Control Act of 1969, the State Water Resources Control Board has regulatory authority to protect the water quality of all surface water and groundwater in the State of California ("waters of the State"). Nine RWQCBs oversee water quality at the local and regional level. The RWQCB for a given region regulates discharges of fill or pollutants into waters of the State through the issuance of various permits and orders. Discharges into waters of the State that are also waters of the U.S. require a Section 401 Water Quality Certification from the RWQCB as a prerequisite to obtaining a Section 404 Clean Water Act permit. Discharges into waters of the State that are not also waters of the U.S. require Waste Discharge Requirements (WDRs), or waivers of WDRs, from the RWQCB.

The RWQCB also administers the Construction Storm Water Program and the federal National Pollution Discharge Elimination System (NPDES) program. Projects that disturb one or more acres of soil must obtain a Construction General Permit under the Construction Storm Water Program. A prerequisite for this permit is the development of a Storm Water Pollution Prevention Plan (SWPPP) by a certified Qualified SWPPP Developer. Projects that discharge wastewater, storm water, or other pollutants into a water of the U.S. may require a NPDES permit.

CDFW has jurisdiction over the bed and bank of natural drainages and lakes according to provisions of Section 1601 and 1602 of the California Fish and Game Code. Activities that may substantially modify such waters through the diversion or obstruction of their natural flow, change or use of any material from their bed or bank, or the deposition of debris require a Notification of Lake or Streambed

Alteration. If CDFW determines that the activity may adversely affect fish and wildlife resources, a Lake or Streambed Alteration Agreement will be prepared. Such an agreement typically stipulates that certain measures will be implemented to protect the habitat values of the lake or drainage in question.

3.3 IMPACTS SPECIFIC TO THE PROJECT

The approximately 2.5-acre property plans to construct a three-story, 88-unit dwelling with associated structures, parking, and landscaping. The Project Site's value as habitat for endangered, rare, or threatened species is discussed in detail below.

3.3.1 Potential Project Impacts to Special Status Plants

Potential Impact. The Project Site was previously developed and still supports cement slabs. No conditions that would indicate the area is suitable for special status plants were observed during the site visit or during background research. These conditions include but are not limited to the habitat's lack of serpentine soils, vernal pools, chaparral, and/or because the site is substantially below the elevations at which these species occur, etc. In addition to the site itself having been fully developed, the adjacent areas are also developed except for the adjacent park, therefore, most special status plant species known to occur, or to once have occurred, in the project region are considered absent from the project's immediate vicinity. In addition to the current absence of special status plants, the site's existing conditions in conjunction with how extensively the surrounding area has been paved and/or landscaped, makes it such that there is little to no potential for special status species to colonize in the future. Therefore, the project site has no value as habitat for special status plants.

Mitigation. None warranted.

3.3.2 Value as Habitat for Special Status Animals

Potential Impact. After a review of the databases described in Section 2.3, 31 special status species occur, or once occurred, regionally. Of these 31 species, all except four are found absent or unlikely to occur on the site due to a lack of suitable habitat for these species. The four species considered as "possible" to exist on the site are white-tailed kite, northern harrier, pallid bat, and Townsend's big-eared bat. Please see Appendix A for additional species-specific information.

Suitable nesting habitat for the northern harrier is absent from the site, however, this species may forage over the site from time to time. The Project Site has no significant value as habitat for the northern harrier and mitigation for this species is not warranted. Potentially suitable nesting and foraging habitat for white-tailed kites exists on the site and adjacent to the site, but the quality is considered marginal. While a few larger trees could potentially be used for nesting, white-tailed kites are unlikely to stay due to marginal quality of the habitat. Habitat for these species is readily available in the vicinity of the project, therefore, given the small size and marginal quality of Project Site, its redevelopment does not constitute a significant loss of habitat and mitigation is not warranted for these species.

Special status bats (pallid bat and Townsend's big-eared bat) may occur as regular foragers over the site, however, they are not expected to roost onsite as suitable roosting habitat is currently absent from the site. Redevelopment of site would not significantly alter the parcel's value as foraging habitat as it has been previously developed and would be consistent with the surrounding area in terms of human activity and utilization. Furthermore, ample foraging habitat is available regionally for these species. Thus, the Project Site has no significant value as habitat for special status bats and no mitigation is warranted.

Mitigation. No mitigation warranted for loss of habitat for special status animal species as the site has no significant value as habitat for endangered, rare, or threatened species.

3.3.3 Loss of Habitat for Native Wildlife

Potential Impact. The developed habitat of the site comprises only a small portion of the regionally available habitat for plant and animal species that are expected to use the Project Site. The proposed project would result in the redevelopment of developed habitat. This would not result in a significant loss of habitat for local wildlife. Therefore, impacts due to the loss of habitats for native wildlife resulting from the proposed project are considered less-than-significant.

3.3.4 Potential Impacts to Riparian Habitat and Other Sensitive Natural Communities, Including Federally and State Protected Wetlands

Potential Impacts. No jurisdictional waters, wetlands, aquatic habitats, or riparian habitat occur on the site or in the nearby vicinity. Therefore, the project as proposed will have no impact on riparian habitats

or on waters under the jurisdiction of the U.S. or state and offers no value as habitat for sensitive species that inhabit wetlands, waters, or other aquatic habitats.

4 LITERATURE CITED

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APPENDIX A

Utilizing the LOA conducted a search of published accounts within the California Natural Diversity Data Base (CNDDB) Rarefind (CDFW 2024), and CNPS inventory of rare and endangered plants for all relevant special status species (i.e. endangered, threatened, or rare species) for the Palo Alto USGS 7.5-minute quadrangle in which the Project Site occurs, and for the eight surrounding quadrangles (San Mateo, Redwood Point, Newark, Woodside, Mountain View, La Honda, Mindego Hill, and Cupertino).

As the site was previously fully developed and currently supports developed and ruderal landscaped areas and serpentine and alkaline soils are absent from the site, all special status plants are considered absent from the site.

Similarly, animals that require specialized habitats and/or conditions (e.g. redwood forests, chaparral, grasslands, marshes, coastal scrub, riparian, vernal pools etc.) that do not occur on or within the immediate vicinity of the site are also considered absent. These species include California giant salamander (*Dicamptodon ensatus*), California Ridgway's rail (*Rallus obsoletus obsoletus*), California black rail (*Laterallus jamaicensis coturniculus*), yellow rail (*Coturnicops noveboracensis*), black skimmer (*Rynchops niger*), California least tern (*Sternuka antillarum browni*), saltmarsh common yellowthroat (*Geothlypis trichas sinuosa*), salt-marsh harvest mouse (*Reithrodontomys raviventris*), and salt-marsh wandering shrew (*Sorex vagrans halicoetes*).

Animal species that are considered absent or unlikely to be utilize the site but have the potential to occur on the Project Site or immediate vicinity because suitable habitats are present and/or the site is located in or near their known distributions are included in Tables 1 below. The tables also include a description of the species' habitat and a rationale for its likelihood to occur on the site.

TABLE 1: SPECIAL STATUS ANIMAL SPECIES THAT COULD OCCUR IN THE PROJECT VICINITY.

ANIMALS (adapted from CDFW 2024 and USFWS 2024)
Species listed as Threatened or Endangered under the State and/or Federal Endangered Species Acts, and species that California Department of Fish and Wildlife has designated as Species of Special Concern and Protected Species

Common and scientific names	Status	General habitat description	*Occurrence in the study area
Western bumble bee *Bombus occidentalis*	CCE	Mainly occurring within the coastal and Sierra Nevada ranges, within meadows and grasslands and some natural areas within urban environments. Indication of recent population potentially being restricted to high elevation and coastal areas. Historically occurred from the Channel Islands to the northern California border. The flight period is February to late November, peaking in late June and late September. Tends to construct nests underground in animal burrows on west and south-west facing slopes. Overwintering sites are likely in friable soils or in debris or leaf litter.	**Absent**. Suitable nesting habitat was not observed during the site survey and the site supports a limited growth of flowering plants on which this species can forage. Therefore, this species is considered absent from the site**.**
Crotch bumble bee *Bombus crotchii*	CCE	In California, inhabits open grassland and scrub habitats of the southern 2/3 of California. Historically in, but largely extirpated from the Central Valley. Flight period for queens is late February to late October peaking in April and July; flight period for males and workers is March through September peaking in early July. Constructs nests underground in animal burrows. Overwintering sites are likely in soft soils or in debris or leaf litter.	**Absent.** Suitable nesting habitat was not observed during the site survey and the site supports a limited growth of flowering plants on which this species can forage. Therefore, this species is considered absent from the site.

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ANIMALS (adapted from CDFW 2024 and USFWS 2024)
Species listed as Threatened or Endangered under the State and/or Federal Endangered Species Acts, and species that California Department of Fish and Wildlife has designated as Species of Special Concern and Protected Species

Common and scientific names	Status	General habitat description	*Occurrence in the study area
California tiger salamander *Ambystoma californiense*	FT, CT	Breeds in vernal pools and stock ponds of central California and aestivates in grassland habitats adjacent to the breeding sites. Orloff (2011) found that CTS can travel up to 1.3 miles from their breeding sites to aestivate.	**Absent.** Suitable breeding habitat for this species in the form of vernal pools or stagnant pools with continuous inundation for a minimum of three months is absent from the site and the vicinity of the site. Therefore, this species is considered to be absent from the site.
Foothill yellow-legged frog (FYLF) *Rana boylii*	FT, CE	Frequents partly shaded, shallow, swiftly flowing streams and riffles with rocky substrate in a variety of habitats.	**Absent.** The project site does not support suitable habitat and is over 5km from a riparian corridor. The most recently recorded observation in the vicinity is over 100 years old (CDFW 2024). Therefore, this species is not expected to occur on the site.
California red-legged frog (CRLF) *Rana draytonii*	FT, CSC	Rivers, creeks and stock ponds of the Sierra foothills and coast range, preferring pools with overhanging vegetation.	**Absent.** The site itself does not support suitable habitat and is over three miles from a riparian corridor and there are no ponds within the immediate vicinity of the site. Additionally, there are no recorded observations of this species within the site's vicinity (CDFW 2024). Therefore, this species is considered to be absent from the site.
San Francisco gartersnake *Thamnophis sirtalis tetrataenia*	FE, SE, CP	Requires both aquatic and upland habitat. Often found in or next to aquatic freshwater habitat, including ponds, creeks, marshes, canals, which they use for foraging and basking during the day. Also use grassy areas near water sources to regulate their body temperature, find cover, forage, mate and hibernate. During colder months, moves into underground rodent burrows or under rocks for shelter.	**Absent.** The project site does not support suitable habitat for this species. Additionally, there are no recorded observations of this species within the site's vicinity (CDFW 2024). Therefore, this species is considered to be absent from the site.

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Common and scientific names	Status	General habitat description	*Occurrence in the study area
Western snowy plover *Charadrius alexandrines nivosus*	FT, CSC	Uses man-made agricultural wastewater ponds and reservoir margins. Breeds on barren to sparsely vegetated ground at alkaline or saline lakes, reservoirs, ponds, and riverine sand bar.	**Absent.** Breeding and foraging habitat is absent from the site and the nearest recorded observations are on the other side of Highway 101 (CDFW 2024).
Tricolored blackbird *Agelaius tricolor*	CSC, CT	Breeds near fresh water, primarily emergent wetlands, with tall thickets. Forages in nearby grassland and cropland habitats.	**Absent.** The site and nearby riparian habitat does not support breeding and nesting habitat. Additionally, there are no recorded observations of this species within the site's vicinity (CDFW 2024). Therefore, this species is considered to be absent from the site.
Santa Cruz black salamander *Aneides niger*	CSC	Occurs in deciduous woodland, coniferous forests, and coastal grasslands around the Santa Cruz Mountains and foothills. This species is occasionally found in the yards of older homes with mature live oaks and shrubs in the San Francisco Bay Area (Stebbins et al. 2014). This species can typically be found under rocks near streams, in talus, under damp logs, rotting wood, and other objects.	**Absent.** The site itself does not support suitable habitat. Additionally, there are no recorded observations of this species within the site's vicinity (CDFW 2024). Therefore, this species is considered to be absent from the site.
Red-bellied newt *Taricha rivularis*	CSC	Inhabits primarily redwood forest, but also found within mixed conifer, valley-foothill woodland, montane hardwood, and hardwood-conifer habitats. Migrates to streams during fall and winter rains.	**Absent.** Suitable habitat for this species, woodland, is absent from the site. Additionally, there are no recorded observations of this species within the vicinity (CDFW 2024).
Western pond turtle (WPT) *Emys marmorata*	CSC, CPT	An aquatic turtle of ponds, marshes, slow-moving rivers, streams, and irrigation ditches with aquatic vegetation. Needs basking sites and sandy banks or grassy open fields for egg laying.	**Absent.** The site itself does not support suitable habitat and is over three miles from a riparian corridor. Additionally, the most recently recorded observation of this species in the vicinity is over 100 years old (CDFW 2024). Therefore, this species is not expected to occur on the site.

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Species listed as Threatened or Endangered under the State and/or Federal Endangered Species Acts, and species that California Department of Fish and Wildlife has designated as Species of Special Concern and Protected Species

Common and scientific names	Status	General habitat description	*Occurrence in the study area
Coast horned lizard *Phrynosoma blainvillii*	CSC	Occur in grasslands, scrublands, oak woodlands, etc. of central California. Common in sandy washes with scattered shrubs.	**Absent.** The site itself does not support suitable habitat. Additionally, there are no recorded observations of this species within the site's vicinity (CDFW 2024). Therefore, this species is considered to be absent from the site.
White-tailed kite (WTK) *Elanus leucurus*	CP	Open grasslands and agricultural areas throughout central California.	**Possible.** Habitat onsite is considered marginal but a few larger trees could potentially be used for nesting. but it is unlikely to stay due to unsuitability of the habitat.
Northern harrier *Circus hudsonius*	CSC	Coastal salt and freshwater marsh. Nest and forage in grasslands, from satgrass in desert sink to mountain cienagas. Nests on ground in shrubby vegetation, usually at marsh edges.	**Possible.** Suitable breeding is absent from the site; however, marginal foraging habitat is present onsite.
Bald Eagle *Haliaeetus leucocephalus*	CP	Inhabits areas that are within a couple miles of a large body of water, in which they will do a significant portion of their hunting. Typically nest in large, mature, accessible trees, as well as cliffs and man-made structures.	**Unlikely.** Suitable breeding and foraging habitat for the bald eagle is absent from the site itself but does occur within the region. Since this is a volant species, it is possible the species could pass through the site, but it is unlikely to stay due to unsuitability of the habitat.
Golden Eagle *Aquila chrysaetos*	CP	Typically frequents rolling foothills, mountain areas, sage-juniper flats, and desert.	**Absent.** Suitable breeding and foraging habitat for the golden eagle is absent from the site and the immediate vicinity.
Long-eared Owl *Asio otus*	CSC	Typically nests in dense tall shrubs or trees, and forages in adjacent open habitats such as grassland or shrubland.	**Absent.** Suitable habitat is absent from the site. Additionally, there are no recorded observations of this species within the site's vicinity (CDFW 2024). Therefore, this species is considered to be absent from the site.
Short-eared Owl - nesting *Asio flammeus*	CSC	Transient or occasional breeder in grasslands, marshes, and in some agricultural lands of the San Joaquin Valley.	**Absent.** Suitable habitat is absent from the site. Additionally, there are no recorded observations of this species within the site's vicinity (CDFW 2024). Therefore, this species is considered to be absent from the site.

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Common and scientific names	Status	General habitat description	*Occurrence in the study area
Burrowing owl (BUOW) *Athene cunicularia*	CSC	Open, dry grasslands, deserts, and ruderal areas. Requires suitable burrows. Often associated with California ground squirrels. BOUWs may disperse between breeding habitats up to mean distance of 546 m (Riding and Belthoff 2018).	**Absent.** Ground squirrel burrows and other suitable burrows are absent from the site. The nearest recorded observation is approximately three miles away and is from 1989 (CDFW 2024). Therefore, this species is not expected to breed or forage onsite.
Alameda song sparrow *Melospiza melodia pusillula*	CSC	Found in tidal salt marsh habitat with exposed ground for foraging with no more than 2-5 cm between bases of plants. Current range is generally only along the San Francisco Bay.	**Unlikely.** Suitable habitat is absent from the site. The closest recorded observation within the vicinity is from 2004 and is generally mapped as being "just north of Palo Alto north of Santa Clara County Airport, north of the San Mateo County line, East Palo Alto". This is a volant species, therefore, while it is possible the species could pass through the site, it is unlikely to stay due to unsuitability of the habitat.
Grasshopper sparrow *Ammodramus savannarum*	CSC	Occurs in California during spring and summer in open grasslands with scattered shrubs.	**Absent.** Breeding habitat is absent onsite. Additionally, there are no recorded observations of this species within the site's vicinity (CDFW 2024). Therefore, this species is considered to be absent from the site.
Purple martin *Progne subis*	CSC	Inhabits woodlands, low elevation coniferous forest of Douglas fir, ponderosa pine, and Monterey pine. Nests in old woodpecker cavities, also in human-made structures and nests widely in human-made birdhouses. Nests often located in tall, isolated trees or snags.	**Absent.** Breeding habitat is absent onsite. Additionally, there are no recorded observations of this species within the site's vicinity (CDFW 2024). Therefore, this species is considered to be absent from the site.
Yellow-breasted chat (YBC) *Icteria virens*	CSC	Frequently breeds in dense shrubs and blackberry thickets and uses areas of dense vegetation during migration.	**Absent.** Breeding habitat is absent onsite. Additionally, there are no recorded observations of this species within the site's vicinity (CDFW 2024). Therefore, this species is considered to be absent from the site.

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Common and scientific names	Status	General habitat description	*Occurrence in the study area
Loggerhead Shrike *Lanius ludovicianus*	CSC	Frequents open habitats with sparse shrubs and trees, other suitable perches, bare ground, and low herbaceous cover. Nests in tall shrubs and dense trees. Forages in grasslands, marshes, and ruderal habitats. Can often be found in cropland.	**Unlikely.** Habitat onsite is developed and lacks dense bushes used by loggerhead shrikes for breeding. This species could potentially forage on or nearby the site, however it is unlikely to stay long as the quality of habitat for foraging is marginal at best.
Townsend's big-eared bat *Corynorhinus townsendii*	CSC	Primarily a cave-dwelling bat that may also roost in buildings. Occurs in a variety of habitats of the state.	**Possible.** Although suitable roosting habitat is absent from the site, marginal foraging habitat is present for this species.
Pallid Bat *Antrozous pallidus*	CSC	Grasslands, chaparral, woodlands, and forests; most common in dry rocky open areas providing roosting opportunities.	**Possible.** Although suitable roosting habitat is absent from the site, marginal foraging habitat is present for this species.
San Francisco dusky-footed woodrat *Neotoma fuscipes annectens*	CSC	Hardwood forests, oak riparian, and shrub habitats. This species is known to build terrestrial stick houses around logs or near trees in areas that are cool and shaded.	**Absent.** The site did not support woodrat nests at the time of the February 2024 site visit.
American Badger *Taxidea taxus*	CSC	Found in drier open stages of most shrub, forest, and herbaceous habitats with friable soils, specifically grassland environments. Natal dens occur on slopes.	**Absent.** Suitable habitat for the American badger is absent from the site.

*Explanation of Occurrence Designations and Status Codes
Present: Species observed on the sites at time of field surveys or during recent past.
Likely: Species not observed on the site, but it may reasonably be expected to occur there on a regular basis.
Possible: Species not observed on the sites, but it could occur there from time to time.
Unlikely: Species not observed on the sites, and would not be expected to occur there except, perhaps, as a transient.
Absent: Species not observed on the sites and precluded from occurring there because habitat requirements not met.

STATUS CODES

FE	Federally Endangered	CE	California Endangered
FT	Federally Threatened	CT	California Threatened
FPE	Federally Endangered (Proposed)	CCE	California Endangered (Candidate)
FC	Federal Candidate	CR	California Rare
SCVHP	Santa Clara Valley Habitat Plan Focal Species	CP	California Protected
CSC	California Species of Special Concern		

ARCHAEOLOGICAL SURVEY REPORT
320 SHERIDAN DRIVE, MENLO PARK

PREPARED BY:

MOLLY FIERER-DONALDSON

ARCHAEOLOGICAL/HISTORICAL CONSULTANTS

PREPARED FOR: ALLIANT STRATEGIC DEVELOPMENT

26050 MUREAU ROAD, SUITE 101

CALABASAS, CA 91302

DECEMBER 2023

609 AILEEN STREET, OAKLAND, CA 94609 / AHC-HERITAGE.COM

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APPENDIX 1: NWIC RECORD SEARCH

APPENDIX 2: NAHC CORRESPONDENCE

INTRODUCTION AND SUMMARY OF FINDINGS

A redevelopment project is proposed for 320 Sheridan Drive, Menlo Park (APN 055-303-110). The proposed project consists of an 85-unit, affordable multi-family residential apartment complex on an approximately 2.5-acre site. The project also includes a surface parking lot with 106 parking spaces and on-site amenities including two separate children's play areas, learning center, community room, and shaded sitting areas. The previous structure on the project area, an elementary school, has already been demolished.

To ensure that the project does not affect historical resources or unique archaeological resources as defined in the CEQA Guidelines (14 CCR §15064.5), Archaeological/Historical Consultants reviewed archival sources and completed a pedestrian survey to assess the archaeological sensitivity of the project area.

The project area has a moderate sensitivity for buried Native American archaeological deposits and a low sensitivity for buried historic archaeological deposits. We, therefore, recommend construction crews receive cultural resources training to allow them to recognize the cultural resources they may encounter. If buried cultural materials are encountered during construction, work should stop in that area until an archaeologist can evaluate the nature and significance of the find.

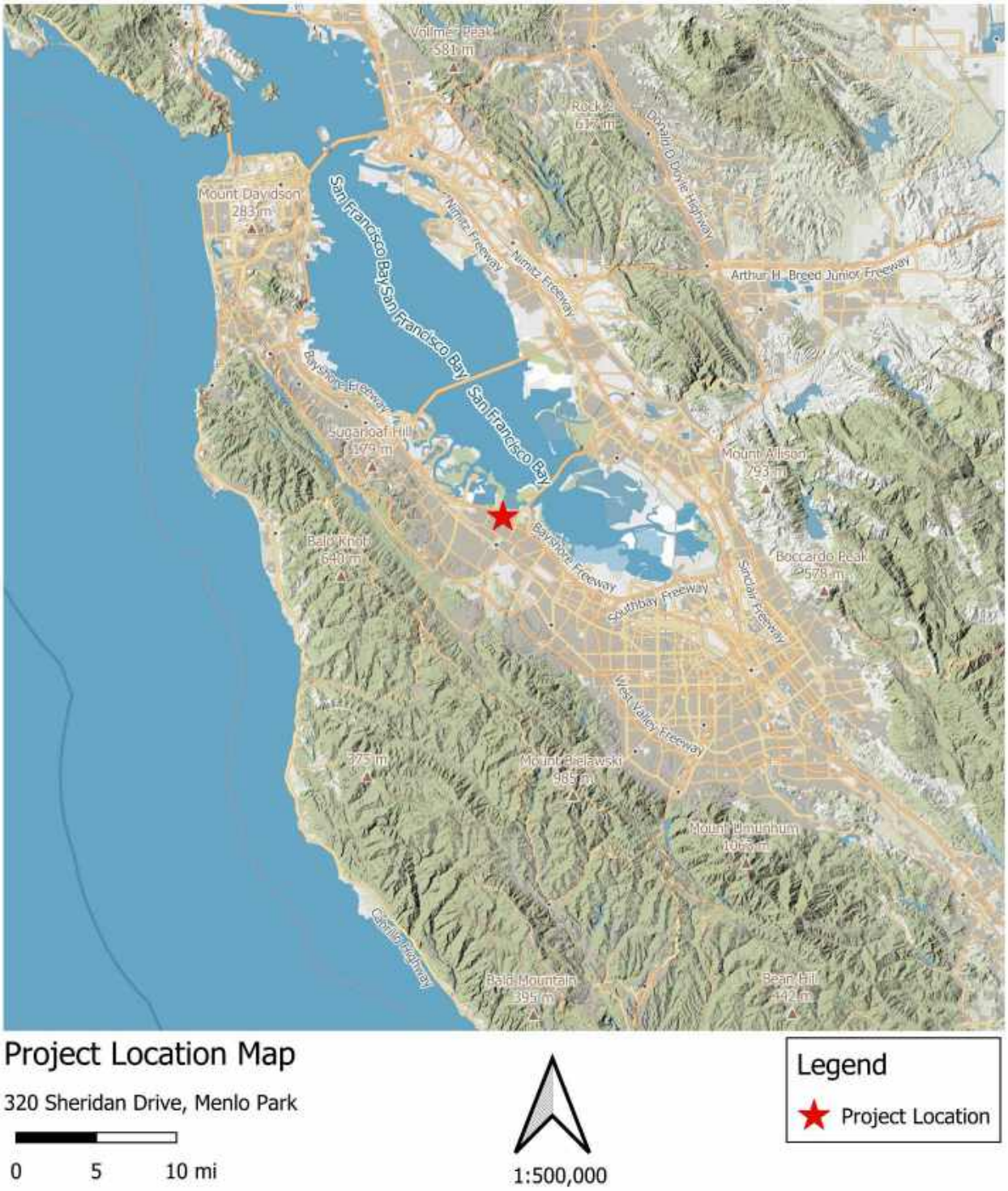

Figure 1: Project Location

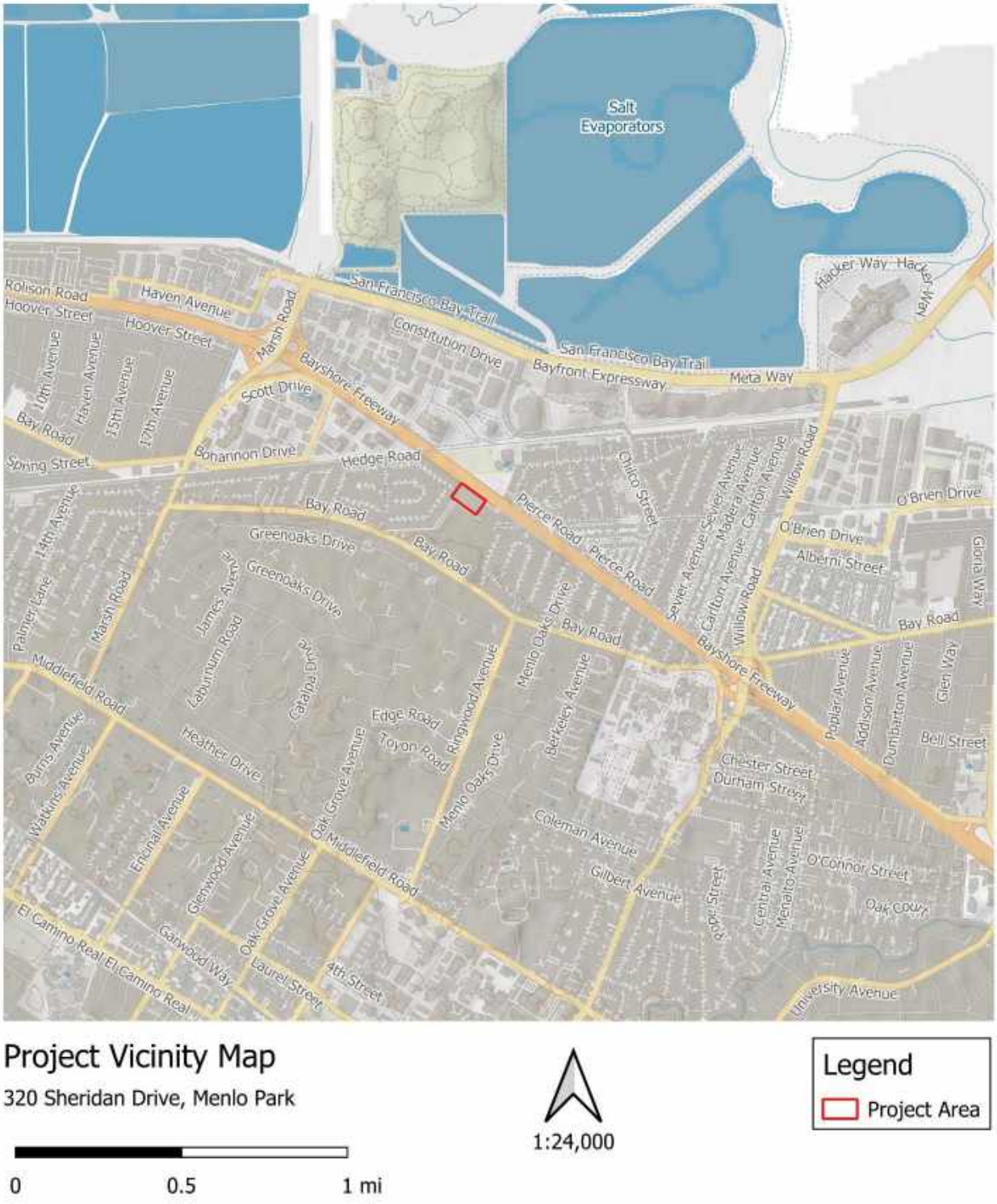

Figure 2: Project Vicinity

Figure 3: Project Area Limits Map

PREVIOUS STUDIES AND ARCHIVAL RESEARCH

RECORD SEARCH RESULTS

A record search for the project area and a ¼-mile radius around it was completed on December 11, 2023 (NWIC File No. 23-0648). No cultural resources were identified within the project area. Within the search radius, two resources have been previously recorded:

- P-41-001515 is Flood Park, a 15-acre county park built by the WPA in 1937 with a baseball diamond, bleachers, children's playground, wading "stream," restrooms and park headquarters. NRHP status 5S1.
- P-41-002415 is a Native American archaeological site, featuring a concentration of very dark midden soils (with shell, mammal bone, charcoal, and stone tool debris) deposited within a pit feature approximately 1.65m in length east-west and 1.5 meters north-south. Radiocarbon dates from the shell returned from 970-1060 CE, placing it in the Middle/Late Transition Period. No other site attributes were recorded, and therefore, no boundaries were determined, but the authors suggested it could be all that remains of a previously unrecorded prehistoric habitation site (Garlinghouse 2015). The pit is 0.16 miles northwest of the project area on the north side of the Bayshore Freeway.

No previous studies have examined the project area, but two included land that was immediately adjacent (S-022178; S-049125). In 1999, Robert Cartier of Archaeological Resource Management performed an archival search and survey of the property immediately southwest of the project area. The survey of the 1.5-acre property at 260 Van Buren Avenue did not find any surface evidence of prehistoric resources but noted three previously recorded Native American sites within ½ mile (CA-SMA-242, CA-SMA-275, and P-41-0000438). They also recommended the evaluation of the 1940s motel on the property (S-022178). The second report, S-049125, was focused on the Bayshore Freeway/US 101 and passed just north-northeast of the project area. This archaeological survey report and extended Phase I study did not identify any resources within ¼ mile of the project area (Beck et al. 2017). Ten additional studies have examined locations outside the project area but within the ¼ mile search radius (Table 1).

Table 1: Reports within ¼ mile of the project area

S#	Reference	Title	Resources
S-003021	Dietz 1976	An Archaeological Reconnaissance of the 100.6 Acre Raychem Corporation Properties in Menlo Park, California (letter report)	
S-006498	Clark et al. 1983	Archaeological Investigations at CA-SMA-242, the Johnson & Johnson "Bandaid Site", Menlo Park, San Mateo County, California.	41-000282
S-006508	Holman 1984	A Report of Further Auguring at the Johnson & Johnson Project Area, Menlo Park, California.	41-000282
S-007346	Offermann 1985	Negative Archaeological Survey Report, landscaping project along Routes 84 and 101 in San Mateo and Alameda Counties, 04-SM/Ala-101, 84, 04253-033231	
S-032106	Billat 2006	New Tower ("NT") Submission Packet, FCC Form 620, Flood Park Flagpole, SF-15880A	
S-036481	Whitaker et al. 2009	Archaeological Survey Report for the Dumbarton Rail Corridor Project, San Mateo and Alameda Counties, California	41-000086, 41-000160, 41-000244, 41-000282, 41-000303
S-036481a	Whitaker et al. 2012	Archaeological Survey Report for the Dumbarton Rail Corridor Project, San Mateo and Alameda Counties, California	
S-039469	Kaptain 2012	Archaeological Survey Report for the San Mateo County SMART Corridors Project, Segment III, Redwood City, Atherton, Menlo Park, East Palo Alto, and Palo Alto, San Mateo County and Santa Clara County, California; EA #4A9201; EFIS #0400001169; Caltrans District 4; SR 82 PM SM 0/4.8; SCL 24.1/26.4; SR 84 PM 24.6/28.7; US 101 PM 0.7/5.5; SR 109 PM 1.10/1.87; SR 114 PM 5.0/5.93	
S-040929	Basin Research 2013	Archaeological Data Recovery Report (SMA-83) (ADRR) and Final Archaeological Resources Report (FARR), San Francisco Public Utilities Commission, Water System Improvement Program, Bay Division Pipeline Reliability Upgrade Project, East Bay and Peninsula Bay Division Pipeline No. 5, Alameda and San Mateo Counties, California	41-000086, 41-000233, 41-000262, 41-000270, 41-000299, 41-000303, 41-002242, 41-002319
S-055858	Barrow 2020	Cultural Resources Study for the Flow Equalization and Resource Recovery Facility Levee Improvements and Bayfront Recycled Water Project, Menlo Park, San Mateo County, California	41-002651, 41-002837

Please see Appendix 1 for complete record search results.

SACRED LANDS FILE SEARCH

On November 17, 2023, the Native American Heritage Commission (NAHC) completed a search of its Sacred Lands File for information about Native American sacred sites and tribal cultural resources in the project vicinity. The search was positive, and the NAHC recommended contacting tribes on their contact list for San Mateo County for additional information.

Please see Appendix 2 for search results and contact list.

BACKGROUND

SETTING AND ENVIRONMENT

The project area is a flat parcel located 18 feet above sea level and about 0.4 miles south of the historic-period bay shore, whose historic limit was at the line of SR-84 (Bayfront Expressway). In the early historic era, the habitat of the project area was likely wet meadow (SFEI 1998). Due to clayey soils with poor drainage, wet meadows could be flooded for days or weeks, leaving them treeless, except for scattered willow groves, an almost marsh-like meadow that was considered good for grazing by early European settlers (Beller et al. 2010: 27-28). The underlying soils are fine alluvium laid down in the Holocene era (Witter et al. 2006), and the nearest watercourses are San Francisquito Creek (2.5 miles southeast) and Redwood Creek (2.4 miles west). Today, the project area is located between the Bayshore Freeway, housing developments, and Flood Park.

NATIVE AMERICAN SETTLEMENTS

Prior to 1770, the San Francisco Peninsula was inhabited by speakers of the Ohlone group of languages, which despite significant dialectical differences (Levy 1978), were likely mutually intelligible (Milliken 1995:26). Ohlone, which is closely related to the Miwok languages, is a branch of the Yok-Utian subfamily of the Penutian languages that are spoken in Central California and along the Pacific Coast as far as southeast Alaska. Penutian speakers likely entered central California from the northern Great Basin around 4000-4500 years ago and arrived in the San Francisco Bay Area about 1500 years ago, displacing speakers of Hokan languages (Golla 2007:74).

Ohlone society was organized in independent local tribes of 200-400 people living in several semi-permanent villages, controlling fixed territories averaging 10 to 12 miles in diameter (Milliken *et al.* 2007). Shoup and Milliken (1999:8) note that local tribes: "were clusters of unrelated family groups that formed cooperative communities for ceremonial festivals, for group harvesting efforts, and – most importantly – for interfamily conflict resolution." Hereditary village leaders, who could be male or female, played an important role in conflict resolution, receiving guests, directing ceremonies, organizing food-gathering expeditions, and leading war parties but did not otherwise exercise direct authority (Levy 1978:487). Despite their autonomy, intermarriage between local tribes appears to have been frequent (Milliken 1995:22-24).

At the time of Spanish contact, the Puichon tribelet occupied the lower foothills and Bayshore between Menlo Park and Stevens Creek. The Puichon were the largest local tribe on the west side of San Francisco Bay, with 459 individuals baptized at local missions between 1777 and 1804 (96 at San Francisco and 353 at Santa Clara). The inferred population density of the Puichon was 6.3 to 7.8 per square mile, the highest in the Bay Area and a very high number for anywhere in prehistoric North America. The Puichon village of Ssipùtca on San Francisquito Creek is mentioned six times in Mission Records, though its exact location is unknown (Milliken 1995:252, Milliken et al. 2009:294, 313).

EUROPEAN SETTLEMENTS

EARLY EXPLORERS

The historic period near the project area began with the expeditions of Portolá (1769), Rivera y Moncada (1774), and Anza (1776). Portolá's expedition camped on the bay shore in Puichon territory from November 7 to 12, 1769, and they were received with hospitality by residents of three nearby villages. Rivera y Moncada likewise received a warm reception at a Puichon village on San Francisquito Creek (Milliken 1995:34, 38). Anza is believed to have camped on San Francisquito Creek in what is now Menlo Park and the route of his expedition followed, more or less, the original El Camino Real (now Middlefield Road; Hoover et al. 1990:369).

After the establishment of Mission San Francisco in 1776 and Mission Santa Clara in 1777, the lands and people of the San Francisco Peninsula came under the control of the church. Indians came into the missions through a mixture of choice, persuasion, and force. Missionized Indians received instruction in Christianity and were forced to work at agricultural tasks that must have appeared strange to them; more difficult was the loss of personal freedoms, physical brutality, and imposition of Catholic sexual mores (Milliken 1995:88). European diseases ran rampant, with death tolls reaching 8% per year, higher among women and children, and Mission livestock grazing began to degrade the local environment, impacting the availability of traditional food resources for those Native Americans who remained outside the Mission system; by 1810 traditional cultures were collapsing throughout coastal and central California (Milliken 1995:221).

During the mission period, most of Bayshore San Mateo County was used as grazing lands for livestock belonging to the missions. Several agricultural and ranching outposts were established in the 1780s and operated by Native American "neophytes," often on or near the locations of village sites.

RANCHO DE LAS PULGAS IN THE SPANISH AND MEXICAN PERIODS (1800-1848)

The governors of California began to award land grants to prominent civilians in the 1790s. The project area lies on Rancho de las Pulgas, which was the largest and oldest of these grants. A 1795 verbal grant to Jose Argüello, a former commander of the San Francisco Presidio, was confirmed to his heirs in 1820 (Beck and Haase 1974:30; Hoover *et al.* 1990:380). The 35,000-acre grant stretched from the Bay estuary to the Crystal Springs Reservoir Valley and from San Mateo Creek to the Santa Clara County line (Stanger 1938:40). It includes the present-day towns of San Mateo, Belmont, San Carlos, Redwood City, Atherton, and Menlo Park. The Argüello family was prominent in the government of California up to the American takeover and lived mostly in San Francisco and Monterey. For this reason, and because they had large landholdings elsewhere, few improvements were made to Las Pulgas beyond a few huts for shepherds (Hynding 1982:36). It is likely that the project area continued to be used as grazing land throughout the Mexican period.

THE AMERICAN PERIOD (1849-1950)

The trickle of Anglo-American immigrants to California during the mid-1840s became a flood after the two key events in early 1848. These were the Treaty of Guadalupe Hidalgo, which ceded California to the United States, and John Marshall's discovery of gold on the South Fork of the American River. The subsequent gold rush of 1849 brought tens of thousands of people, mostly men, to the Bay Area.

Many who did not find success in the gold fields decided to appropriate what they saw as empty land on ranchos around the Bay. On Rancho de las Pulgas, for instance, at least twenty-three squatters were occupying land in 1853 (Hynding 1982:37). Mexican landowners such as the Argüellos were faced with a new legal system that took an average of seventeen years to resolve claims. During the long legal process, many landowners were forced to sell off portions of their land to pay legal fees.

The origins of Menlo Park also date to the middle of the 19th century. Dennis Oliver and D. C. McGlynn, his brother-in-law, platted a 1700-acre tract at Middle Avenue and El Camino Real in the mid-1850s, naming it Menlo Park in memory of their home Menlough, County Galway, Ireland. When the San Francisco-San Jose Railroad was completed in 1863, the nearby station was given the same name. The railroad's arrival led to the development of country estates in the area by wealthy San Franciscans and the incorporation of Menlo Park in 1874 (Hoover *et al.* 1990:379). In the last quarter of the 19th century, however, development in Menlo Park and adjoining towns was concentrated south of Bay Road, while the Bayshore areas remained largely undeveloped.

After 1900, transportation and resource extraction became important themes along the Menlo Park bayshore. Ravenswood Salt Works (later a division of Leslie Salt) expanded its activities north of the project area after 1910. A salt pond landscape defined by levees and evaporation ponds was created, supported by pipes, a pumphouse, and water control structures such as sluice gates. Salt extraction activity in the project vicinity peaked in the 1950s and ceased after the acquisition of the salt ponds by the US Fish and Wildlife Service (Speulda-Drews and Valentine 2017).

The project vicinity became a transportation corridor after 1910 when a subsidiary of the Southern Pacific Railroad constructed the Dumbarton railroad bridge. Hetch Hetchy water arrived to the Peninsula in 1925 after completing Bay Crossing Pipeline No. 1 in 1925, which passes one mile south of the project area (San Francisco PUC 2005). In addition, the Dumbarton Bridge was completed by 1927 (Kneese 1927) and was the first vehicular bridge crossing San Francisco Bay. The Dumbarton highway and rail bridges connected to the Bayfront Expressway (now US Route 101) and the Southern Pacific peninsula railroad line (now Caltrain), making the project vicinity an important point of connection for people and goods between Alameda and San Mateo Counties.

LAND USE IN THE PROJECT AREA

By 1877, the project area was part of the plot that belonged to John Sullivan (1830-1880), who is recorded as a farmer in San Mateo County in the 1870 Census; however, at the time of his death in 1880 the family was living in San Francisco (Cloud 1877; US Census 1870, 1880).

By 1894, the project area was part of 214 acres owned by James Clair Flood (1826-1889) (Bromfield 1894). The "Silver King of Nevada" Flood had made a fortune investing in silver mining at the Comstock Lode Mines and continued to amass money in finance, helping to found the Bank of Nevada, a precursor to Wells Fargo; and in real estate, building grand buildings in San Francisco and Menlo Park and acquiring significant areas of bayshore and tidal marsh including the project area. At one time, he was said to be one of the richest men in California. After James's death, his daughter Jennie inherited the Menlo Park Mansion, Linden Towers, and over 600 acres surrounding it.

Figure 4: 1930 aerial photograph with the project area outlined in red (Fairchild Aerial Surveys 1930)

Not wanting to maintain such a large property, she gave the land, including the project area, to the University of California, who continued to own the land through 1927 (Neuman 1909; Kneese 1927; Stanger 1963:113-114, 119). An elementary school named in honor of James Flood was built on the project area by 1953, but it had remained undeveloped before that time. The school building was closed in 2011 and has since been demolished (USGS 1953).

Figure 5: 1965 aerial photograph with the project area indicated in red (Cartwright Aerial Services 1965)

ARCHAEOLOGICAL SURVEY

METHODS AND CONSTRAINTS

Alexi Atteberry surveyed the project area at 320 Sheridan Drive on December 19, 2023. Mr. Atteberry holds a BA in archaeology and has 10 years of experience in California archaeology. The project area was surveyed in approximately 10-meter transects throughout. Because the survey area consists of paved and unpaved surfaces, soil exposures were periodically conducted with a hand trowel in the northwest, northeast, and central-east regions.

Figure 6: clockwise from left: overview from northeast corner of project area, looking southwest; soil exposure in the northeast corner; overview from south boundary, looking north; soil exposure in the northwest region.

RESULTS

Ground visibility of unpaved surfaces was moderate due to foliage and wet, overgrown grasses in some regions. Observed soils throughout the project area varied between a very dark gray (Munsell 10YR 3/1) loam with approximately 25% rock inclusions in the northwest and central-east regions to a more dark grayish brown (Munsell 10YR 4/2) loam in the northeast, and finally a brown (Munsell 10YR 4/3) silty loam in the far northeast corner of the project area with increased rock inclusions of up to 30%.

Figure 7: from left to right: overview from the southeast region and soil exposure in the central-east region.

Modern refuse was observed throughout the entire project area, with higher concentrations near the railroad tracks and shoulders of the Bayshore Freeway. No cultural material over 50 years old was observed anywhere in the project area.

ARCHAEOLOGICAL SENSITIVITY

NATIVE AMERICAN ARCHAEOLOGICAL SITE SENSITIVITY

Archaeological sites are most often found in flat locations with access to a perennial source of fresh water. Soils deposited during the Holocene era (since 11,700 years ago), especially young alluvium from the last 2,000-3,000 years, are more likely to contain buried archaeological deposits. Native American sites are most often found within ½-mile of major and ¼-mile of minor watercourses and within 500 feet of shorelines.

The project is located on Holocene-era alluvial soils heavily modified by urban development, including filling (Witter et al. 2006). The project area is around 700 feet from the historic-era marsh boundaries, in an area that was likely wet meadow during the early historic period, and the nearest major watercourses are over 2 miles away making the location less desirable for habitation. One Native American archaeological site with midden and habitation debris has been recorded within ¼ mile of the project area; however, it only consisted of a 1.5-meter pit feature and no other elements could be found. The project area thus appears to have a moderate sensitivity for archaeological resources.

HISTORIC-PERIOD SITE SENSITIVITY

Several factors can be used to infer an area's sensitivity for buried historic-period archaeological resources (Caltrans 2007). These include surface scatters of artifacts, documentary sources (historic maps, deeds, or photographs), standing buildings or structures that suggest patterns of land use (homes, barns, ponds, fences, industrial facilities), and ecological or landscape features (steep hills, bodies of water, wetlands).

Historical research did not identify any development on the project area prior to 1953. Before that, it was likely used intermittently for cattle grazing. Thus, the project area has a low sensitivity for buried historic-period archaeological deposits.

RECOMMENDATIONS

The project area has a moderate sensitivity for Native American archaeological deposits and a low sensitivity for historic-period deposits. We, therefore, recommend construction crews receive cultural resources training to allow them to recognize the cultural resources they may encounter. If buried cultural materials are encountered during construction, work should stop in that area until an archaeologist can evaluate the nature and significance of the find.

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APPENDIX 1: NWIC RECORD SEARCH

CALIFORNIA HISTORICAL RESOURCES INFORMATION SYSTEM

ALAMEDA, COLUSA, CONTRA COSTA, DEL NORTE, HUMBOLDT, LAKE, MARIN, MENDOCINO, MONTEREY, NAPA, SAN BENITO, SAN FRANCISCO, SAN MATEO, SANTA CLARA, SANTA CRUZ, SOLANO, SONOMA, YOLO

Northwest Information Center
Sonoma State University
1400 Valley House Drive, Suite 210
Rohnert Park, California 94928-3609
Tel: 707.588.8455
nwic@sonoma.edu
https://nwic.sonoma.edu

12/11/2023 NWIC File No.: 23-0648

Molly Fierer-Donaldson
Archaeological/Historical Consultants
609 Aileen Street
Oakland, CA 96409

Re: 23-58 320 Sheridan Drive

The Northwest Information Center received your record search request for the project area referenced above, located on the Palo Alto USGS 7.5' quad(s). The following reflects the results of the records search for the project area and a ¼ mile radius:

Resources within project area:	P-41-001515
Resources within ¼ mile radius:	P-41-002415
Reports within project area:	S-022178; S-049125
Reports within ¼ mile radius:	S-003021; S-006498; S-006508; S-007346; S-032106; S-036481; S-039469; S-040929; S-055858

Resource Database Printout (list):	☐ enclosed	☒ not requested	☐ nothing listed
Resource Database Printout (details):	☒ enclosed	☐ not requested	☐ nothing listed
Resource Digital Database Records:	☐ enclosed	☒ not requested	☐ nothing listed
Report Database Printout (list):	☐ enclosed	☒ not requested	☐ nothing listed
Report Database Printout (details):	☒ enclosed	☐ not requested	☐ nothing listed
Report Digital Database Records:	☒ enclosed	☐ not requested	☐ nothing listed
Resource Record Copies:	☒ enclosed	☐ not requested	☐ nothing listed
Report Copies:	☒ enclosed	☐ not requested	☐ nothing listed
OHP Built Environment Resources Directory:	☐ enclosed	☒ not requested	☐ nothing listed
Archaeological Determinations of Eligibility:	☐ enclosed	☒ not requested	☐ nothing listed
CA Inventory of Historic Resources (1976):	☐ enclosed	☒ not requested	☐ nothing listed
Caltrans Bridge Survey:	☐ enclosed	☒ not requested	☐ nothing listed
Ethnographic Information:	☐ enclosed	☒ not requested	☐ nothing listed
Historical Literature:	☐ enclosed	☒ not requested	☐ nothing listed
Historical Maps:	☐ enclosed	☒ not requested	☐ nothing listed
Local Inventories:	☐ enclosed	☒ not requested	☐ nothing listed
GLO and/or Rancho Plat Maps:	☐ enclosed	☒ not requested	☐ nothing listed

Shipwreck Inventory:	☐ enclosed ☒ not requested ☐ nothing listed
Soil Survey Maps:	☐ enclosed ☒ not requested ☐ nothing listed

Please forward a copy of any resulting reports from this project to the office as soon as possible. Due to the sensitive nature of archaeological site location data, we ask that you do not include resource location maps and resource location descriptions in your report if the report is for public distribution. If you have any questions regarding the results presented herein, please contact the office at the phone number listed above.

The provision of CHRIS Data via this records search response does not in any way constitute public disclosure of records otherwise exempt from disclosure under the California Public Records Act or any other law, including, but not limited to, records related to archeological site information maintained by or on behalf of, or in the possession of, the State of California, Department of Parks and Recreation, State Historic Preservation Officer, Office of Historic Preservation, or the State Historical Resources Commission.

Due to processing delays and other factors, not all of the historical resource reports and resource records that have been submitted to the Office of Historic Preservation are available via this records search. Additional information may be available through the federal, state, and local agencies that produced or paid for historical resource management work in the search area. Additionally, Native American tribes have historical resource information not in the CHRIS Inventory, and you should contact the California Native American Heritage Commission for information on local/regional tribal contacts.

Should you require any additional information for the above referenced project, reference the record search number listed above when making inquiries. Requests made after initial invoicing will result in the preparation of a separate invoice.

Thank you for using the California Historical Resources Information System (CHRIS).

Sincerely,

Justin Murazzo
Researcher

Resource Detail: P-41-001515

23-0648 :: 23-58 320 Sheridan Drive

Identifying information

Primary No.: P-41-001515
Trinomial:
Name: Flood Park
Other IDs:

Type	*Name*
OHP PRN	4025-0108-0000
PHI	SPHI-SMA-032
OHP Property Numb	091175
Resource Name	Flood Park

Cross-refs:

Attributes

Resource type: Building, Structure
Age: Historic
Information base: Survey
Attribute codes: HP25 (Amusement park); HP35 (New Deal Public Works Project)
Disclosure: Unrestricted
Collections: No
Accession no(s):
Facility:

General notes

Recording events

	Date	*Recorder(s)*	*Affiliation*	*Notes*
a	3/25/1986	Anna G. Eshoo	San Mateo County Board of Supervisors	PHI form
b	3/1/1990	L.Wickert	San Mateo Co. Hist. Assoc.	Menlo Park Historical Building Survey

Associated reports

Report No.	*Year*	*Title*	*Affiliation*
S-048233	1986	Flood Park: Made by Hand	
S-056586	2022	Cultural Resource Assessment for the Intermountain Infrastructure Group 5G Project:A Portion of the Bay Road Segment, City of Menlo Park, San Mateo County, California	PaleoWest, LLC

Location information

County: San Mateo
USGS quad(s): Palo Alto
Address:

Address	*City*	*Assessor's parcel no.*	*Zip code*
Bay Road	Menlo Park		

PLSS:
UTMs:

Management status

Database record metadata

	Date	*User*
Entered:	4/1/2005	icrds
Last modified:	11/18/2016	hagell

IC actions:

Date	*User*	*Action taken*
6/24/2002	AOOHP2	OHP Property file import
3/6/2002	AOOHP2	Primary number 41-001515 assigned.

	11/1/2016	muchb	waiting to see what other mateial OHP might have (bm2016-11-01 16:31)
	4/1/2005	jay	Appended records from discontinued ICRDS.
	11/8/2016	muchb	4025-0108-0000 document received from the OHP and added as 'b'
Record status:	Verified		

Resource Detail: P-41-002415

23-0648 :: 23-58 320 Sheridan Drive

Identifying information

Primary No.: P-41-002415
Trinomial: CA-SMA-000425
Name: [none]

Other IDs:	*Type*	*Name*
	Resource Name	[none]

Cross-refs:

Attributes

Resource type: Site
Age: Prehistoric
Information base: Survey, Surface collection, Testing, Excavation, Analysis
Attribute codes: AP02 (Lithic scatter); AP11 (Hearths/pits); AP15 (Habitation debris)
Disclosure: Not for publication
Collections: Yes
Accession no(s): unknown
Facility: unknown

General notes

Recording events

	Date	*Recorder(s)*	*Affiliation*	*Notes*
a	8/4/2015	T. Garlinghouse	Albion Environmental, Inc.	

Associated reports

Location information

County: San Mateo
USGS quad(s): Palo Alto

Address:	*Address*	*City*	*Assessor's parcel no.*	*Zip code*
	151 Commonwealth Drive	Menlo Park		

PLSS:
UTMs: Zone 10 573226mE 4148145mN NAD83 (recording event a)

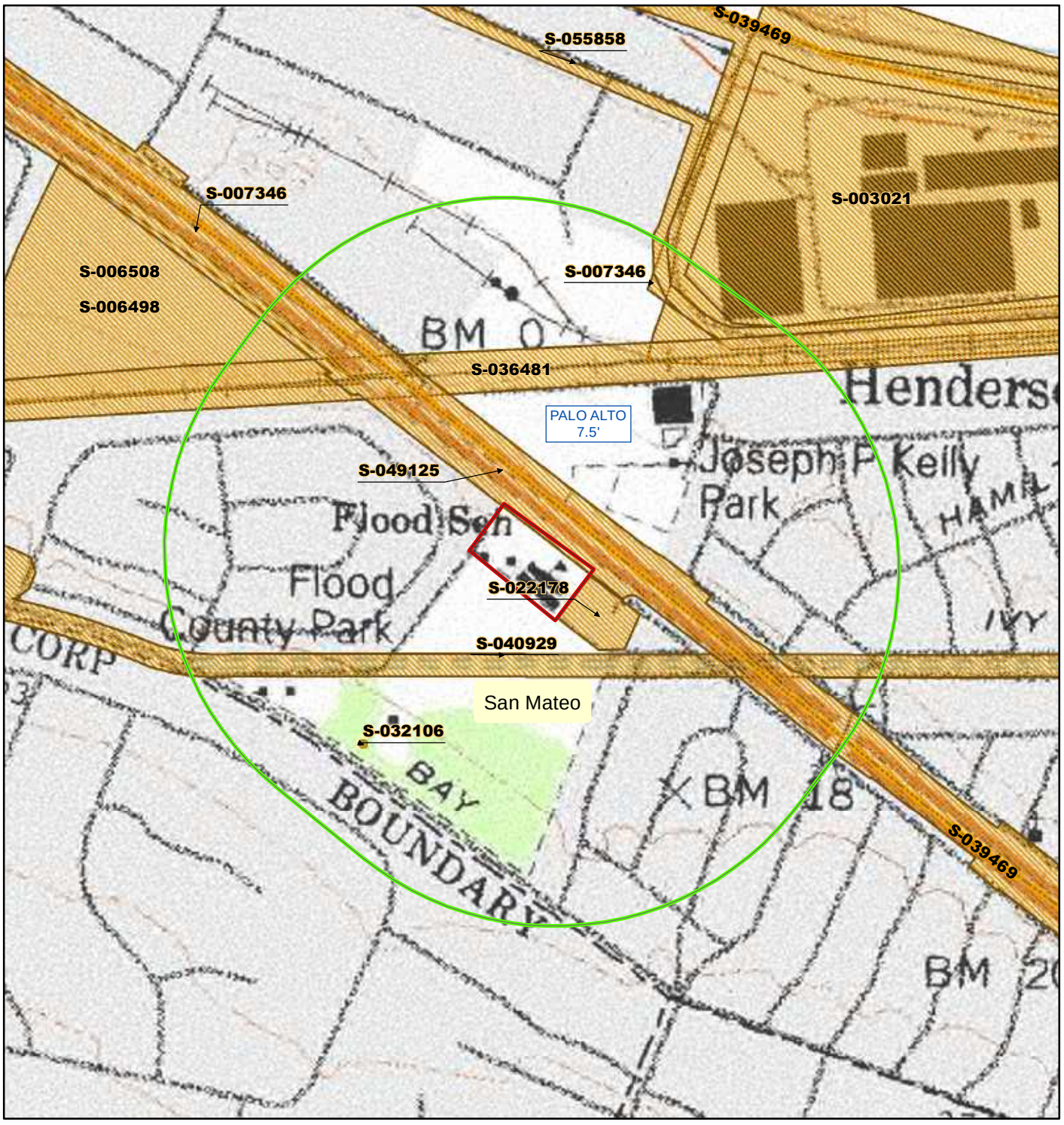
Management status

Database record metadata

	Date	*User*	
Entered:	8/12/2015	mikulikc	
Last modified:	8/12/2015	mikulikc	
IC actions:	*Date*	*User*	*Action taken*
	8/12/2015	mikulikc	sent notification letter

Record status: Verified

Report Map
23-58 320 Sheridan Drive



Northwest Information Center
File #23-0648 11 December 2023 J. Murazzo
May depict confidential cultural resource locations.
Do not distribute.

Feet 0 220 440 660 880
Meters 0 40 80 120 160 200

N

Project_location
Quarter_mile_buffer
Restricted reports
Reports (points)
Reports (lines)
Reports (polygons)
Reports approx loc
Reports (CFMOU)
Quad outlines
County outlines

Report Detail: S-003021

23-0648 :: 23-58 320 Sheridan Drive

Identifiers

Report No.: S-003021

Other IDs:	*Type*	*Name*
	Voided	E-19 SMA

Cross-refs:

Citation information

Author(s): Stephen A. Dietz

Year: 1976 (Apr)

Title: An Archaeological Reconnaissance of the 100.6 Acre Raychem Corporation Properties in Menlo Park, California (letter report)

Affliliation: Archaeological Consulting and Research Services

No. pages:

No. maps:

Attributes: Archaeological, Field study

Inventory size: c 100.6 ac

Disclosure: Not for publication

Collections: No

General notes

Associated resources

No. resources: 0

Has informals: No

Location information

County(ies): San Mateo

USGS quad(s): Palo Alto

Address:

PLSS:

Database record metadata

	Date	*User*
Entered:	4/7/2005	nwic-main
Last modified:	4/29/2016	mikulikc

IC actions:	*Date*	*User*	*Action taken*
	4/7/2005	jay	Appended records from NWICmain bibliographic database.
	4/27/2016	Neala	added collections

Record status: Verified

Report Detail: S-006498

23-0648 :: 23-58 320 Sheridan Drive

Identifiers

Report No.: S-006498
Other IDs:
Cross-refs: See also S-006508

Citation information

Author(s): Matthew R. Clark, Miley Paul Holman, and Randy S. Wiberg
Year: 1983 (Dec)
Title: Archaeological Investigations at CA-SMA-242, the Johnson & Johnson "Bandaid Site", Menlo Park, San Mateo County, California.
Affliliation: Holman & Associates
No. pages:
No. maps:
Attributes: Archaeological, Excavation, Field study
Inventory size:
Disclosure: Not for publication
Collections: Yes

General notes

Associated resources

	Primary No.	*Trinomial*	*Name*
	P-41-000282	CA-SMA-000242	Bandaid Site

No. resources: 1
Has informals: No

Location information

County(ies): San Mateo
USGS quad(s): Palo Alto

Address:	*Address*	*City*	*Assessor's parcel no.*	*Zip code*
		Menlo Park		

PLSS:

Database record metadata

	Date	*User*
Entered:	4/7/2005	nwic-main
Last modified:	1/21/2020	hagell

IC actions:	*Date*	*User*	*Action taken*
	4/7/2005	jay	Appended records from NWICmain bibliographic database.
	8/6/2015	hagell	edited database
	4/28/2016	Neala	added city

Record status: Verified

Report Detail: S-006508

23-0648 :: 23-58 320 Sheridan Drive

Identifiers

Report No.: S-006508
Other IDs:
Cross-refs: See also S-006498

Citation information

Author(s): Miley Paul Holman
Year: 1984 (Mar)
Title: A Report of Further Auguring at the Johnson & Johnson Project Area, Menlo Park, California.
Affliliation: Holman & Associates
No. pages:
No. maps:
Attributes: Archaeological, Excavation, Field study
Inventory size:
Disclosure: Not for publication
Collections: No

General notes

There was no evidence of CA-SMA-242 (P-41-000282) within the areas tested.

Associated resources

	Primary No.	*Trinomial*	*Name*
	P-41-000282	CA-SMA-000242	Bandaid Site

No. resources: 1
Has informals: No

Location information

County(ies): San Mateo
USGS quad(s): Palo Alto

Address:	*Address*	*City*	*Assessor's parcel no.*	*Zip code*
		Menlo Park		

PLSS:

Database record metadata

	Date	*User*
Entered:	4/7/2005	nwic-main
Last modified:	4/28/2016	Neala

IC actions:	*Date*	*User*	*Action taken*
	4/7/2005	jay	Appended records from NWICmain bibliographic database.
	4/28/2016	Neala	added city

Record status: Verified

Report Detail: S-007346

23-0648 :: 23-58 320 Sheridan Drive

Identifiers

Report No.: S-007346

Other IDs:	*Type*	*Name*
	Caltrans	04253-033231

Cross-refs:

Citation information

Author(s): Janis K. Offermann

Year: 1985 (Mar)

Title: Negative Archaeological Survey Report, landscaping project along Routes 84 and 101 in San Mateo and Alameda Counties, 04-SM/Ala-101, 84, 04253-033231

Affliliation: California Department of Transportation

No. pages:

No. maps:

Attributes: Archaeological, Field study

Inventory size:

Disclosure: Not for publication

Collections: No

General notes

CA-SMA-160 was recorded just outside of the project area. Original map is skewed

Associated resources

No. resources: 0

Has informals: No

Location information

County(ies): Alameda, San Mateo

USGS quad(s): Newark, Palo Alto

Address:

PLSS:

Database record metadata

	Date	*User*
Entered:	4/7/2005	nwic-main
Last modified:	4/24/2019	barnettb

IC actions:	*Date*	*User*	*Action taken*
	4/7/2005	jay	Appended records from NWICmain bibliographic database.
	4/28/2016	Neala	added month & collections
	10/29/2018	hagell	edited title
	4/24/2019	barnettb	PDF Verified. Oversized pages have been scanned and added to PDF

Record status: Verified

Report Detail: S-022178

23-0648 :: 23-58 320 Sheridan Drive

Identifiers

Report No.: S-022178
Other IDs:
Cross-refs:

Citation information

Author(s): Robert Cartier
Year: 1999 (Feb)
Title: Cultural Resource Evaluation for 1.5 Acres of Land at 260 Van Buren Avenue in the City of Menlo Park, County of San Mateo
Affliliation: Archaeological Resource Management
No. pages:
No. maps:
Attributes: Archaeological, Field study
Inventory size: c 2 ac
Disclosure: Not for publication
Collections: No

General notes

Associated resources

No. resources: 0
Has informals: No

Location information

County(ies): San Mateo
USGS quad(s): Palo Alto

Address: Address	City	Assessor's parcel no.	Zip code
260 Van Buren Avenue	Menlo Park		

PLSS:

Database record metadata

	Date	User
Entered:	4/7/2005	nwic-main
Last modified:	4/28/2016	mikulikc

IC actions: Date	User	Action taken
4/7/2005	jay	Appended records from NWICmain bibliographic database.

Record status: Verified

Report Detail: S-032106

23-0648 :: 23-58 320 Sheridan Drive

Identifiers

Report No.: S-032106
Other IDs:
Cross-refs:

Citation information

Author(s): Scott Billat
Year: 2006 (Jul)
Title: New Tower ("NT") Submission Packet, FCC Form 620, Flood Park Flagpole, SF-15880A
Affliliation: EarthTouch, Inc.
No. pages:
No. maps:
Attributes: Archaeological, Field study
Inventory size: c 0.25 ac
Disclosure: Not for publication
Collections: No

General notes

Associated resources

No. resources: 0
Has informals: No

Location information

County(ies): San Mateo
USGS quad(s): Palo Alto
Address:

Address	*City*	*Assessor's parcel no.*	*Zip code*
215 Bay Road	Menlo Park		

PLSS:

Database record metadata

	Date	*User*
Entered:	10/26/2006	jill
Last modified:	11/1/2016	hagell

IC actions:

Date	*User*	*Action taken*
11/1/2016	hagell	edited affiliation

Record status: Verified

Report Detail: S-036481

23-0648 :: 23-58 320 Sheridan Drive

Identifiers

Report No.: S-036481

Other IDs:	*Type*	*Name*
	Voided	S-39604

Cross-refs:

Citation information

Author(s): Adrian Whitaker, Phil Kaijankowski, Jack Meyer, and Brian Byrd
Year: 2009 (May)
Title: Archaeological Survey Report for the Dumbarton Rail Corridor Project, San Mateo and Alameda Counties, California
Affliliation: Far Western Anthropological Research Group, Inc.
No. pages:
No. maps:
Attributes: Archaeological, Field study
Inventory size: c. 20.5 li mi
Disclosure: Not for publication
Collections: No

Sub-desig.: a
Author(s): Adrian R. Whitaker, Philip Kaijankoski, Jack Meyer, Brian F. Byrd, and Sharon A. Waechter
Year: 2012 (Apr)
Title: Archaeological Survey Report for the Dumbarton Rail Corridor Project, San Mateo and Alameda Counties, California
Affiliation: Far Western Anthropological Research Group, Inc.
Report type(s): Archaeological, Field study
Inventory size:
No. pages:
Disclosure: Not for publication
Collections: No
PDF Pages: 166-341

General notes

Associated resources

Primary No.	*Trinomial*	*Name*
P-41-000086	CA-SMA-000083	Fair Oaks Site
P-41-000160	CA-SMA-000160	Hiller Mound
P-41-000244	CA-SMA-000248	Tarlton Site
P-41-000282	CA-SMA-000242	Bandaid Site
P-41-000303	CA-SMA-000305	Athlone Way

No. resources: 5
Has informals: Yes

Location information

County(ies): Alameda, San Mateo
USGS quad(s): Hayward, Mountain View, Newark, Niles, Palo Alto, Redwood Point
Address:
PLSS:

Database record metadata

	Date	*User*
Entered:	1/15/2010	hagell
Last modified:	5/2/2019	vickeryn

IC actions:	*Date*	*User*	*Action taken*
	2/25/2019	moored	added additional citation 'a' (Whitaker et al, 2012)
	2/26/2019	rinerg	add quads: 'Redwood Point', 'Hayward'

Record status: Verified

Report Detail: S-039469

23-0648 :: 23-58 320 Sheridan Drive

Identifiers

Report No.: S-039469

Other IDs:

Type	*Name*
Caltrans	EA #4A9201
Caltrans	EFIS #0400001169

Cross-refs:

Citation information

Author(s): Neal Kaptain

Year: 2012 (Mar)

Title: Historical Resources Compliance Report for the San Mateo County SMART Corridors Project, Segment III, Redwood City, Atherton, Menlo Park, East Palo Alto, and Palo Alto, San Mateo County & Santa Clara County, California; EA #4A9201; EFIS #0400001169, Caltrans District 4; SR 82 PM SM 0/4.8, SCL 24.1/26.4; SR 84 PM 24.6/28.7; US 101 PM 0.7/5.5; SR 109 PM 1.10/1.87; SR 114 PM 5.0/5.93

Affliliation: LSA Associates, Inc.

No. pages:

No. maps:

Attributes: Archaeological, Architectural/historical, Evaluation, Field study

Inventory size:

Disclosure: Not for publication

Collections: No

Sub-desig.: a

Author(s): Neal Kaptain

Year: 2012 (Mar)

Title: Archaeological Survey Report for the San Mateo County SMART Corridors Project, Segment III, Redwood City, Atherton, Menlo Park, East Palo Alto, and Palo Alto, San Mateo County and Santa Clara County, California; EA #4A9201; EFIS #0400001169; Caltrans District 4; SR 82 PM SM 0/4.8; SCL 24.1/26.4; SR 84 PM 24.6/28.7; US 101 PM 0.7/5.5; SR 109 PM 1.10/1.87; SR 114 PM 5.0/5.93

Affiliation: LSA Associates, Inc.

Report type(s): Archaeological, Field study

Inventory size:

No. pages:

Disclosure: Not for publication

Collections: No

PDF Pages: 51-101

Sub-desig.: b

Author(s): Neal Kaptain

Year: 2012 (Mar)

Title: Post-Review Discovery and Monitoring Plan for the San Mateo County SMART Corridors Project, Segment III, Redwood City, Atherton, Menlo Park, East Palo Alto, and Palo Alto, San Mateo County and Santa Clara County, California; EA #4A9201; EFIS #0400001169, Caltrans District 4; SR 82 PM SM 0/4.8; SCL 24.1/26.4; SR 84 PM 24.6/28.7; US 101 PM 0.7/5.5; SR 109 PM 1.10/1.87; SR 114 PM 5.0/5.93

Affiliation: LSA Associates, Inc.

Report type(s): Archaeological, Management/planning

Inventory size:

No. pages:

Disclosure: Not for publication

Collections: No

PDF Pages: 102-127

General notes

Associated resources

Primary No.	*Trinomial*	*Name*
P-41-000299	CA-SMA-000297	Four Lions

Report Detail: S-039469

23-0648 :: 23-58 320 Sheridan Drive

	P-41-002291	Ravenswood Avenue Shell Scatt
	P-41-002292	Willow Road Shell Scatter
	P-43-002626	El Camino Real Shell Scatter
	P-44-000457	SCC01A; Vincente Castro Hous
No. resources:	5	
Has informals:	No	

Location information

County(ies):	San Mateo, Santa Clara
USGS quad(s):	Palo Alto
Address:	
PLSS:	

Database record metadata

	Date	*User*
Entered:	10/5/2012	baileyl
Last modified:	5/11/2016	neala

IC actions:	*Date*	*User*	*Action taken*
	5/11/2016	neala	removed page/map count; added PDF page # to addt'l citations

Record status: Verified

Report Detail: S-040929

23-0648 :: 23-58 320 Sheridan Drive

Identifiers

Report No.: S-040929
Other IDs:
Cross-refs:

Citation information

Author(s):
Year: 2013 (Apr)
Title: Archaeological Data Recovery Report (SMA-83) (ADRR) and Final Archaeological Resources Report (FARR), San Francisco Public Utilities Commission, Water System Improvement Program, Bay Division Pipeline Reliability Upgrade Project, East Bay and Peninsula Bay Division Pipeline No. 5, Alameda and San Mateo Counties, California
Affliliation: Basin Research Associates, Inc.
No. pages:
No. maps:
Attributes: Archaeological, Excavation, Field study, Monitoring
Inventory size:
Disclosure: Not for publication
Collections: Yes

General notes

Associated resources

Primary No.	*Trinomial*	*Name*
P-41-000086	CA-SMA-000083	Fair Oaks Site
P-41-000233	CA-SMA-000235	[none]
P-41-000262	CA-SMA-000266	Hess Road
P-41-000270	CA-SMA-000275	Flood Park
P-41-000299	CA-SMA-000297	Four Lions
P-41-000303	CA-SMA-000305	Athlone Way
P-41-002242	CA-SMA-000394	Indian Mounds; BDPL#1P
P-41-002319		Bay Tunnel (Ravenwood) SFPU

No. resources: 8
Has informals: No

Location information

County(ies): Alameda, San Mateo
USGS quad(s): Newark, Niles, Palo Alto, Woodside
Address:
PLSS:

Database record metadata

	Date	*User*
Entered:	6/24/2013	neala
Last modified:	5/11/2016	neala

IC actions:

Date	*User*	*Action taken*
1/4/2016	paganob	Author not submitted
5/11/2016	neala	removed page/map count

Record status: Verified

Report Detail: S-049125

23-0648 :: 23-58 320 Sheridan Drive

Identifiers

Report No.: S-049125

Other IDs:

Type	*Name*
Caltrans	EA 04-1J560
Caltrans	E-FIS 0413000206
OHP PRN	FHWA_2017_0508_001

Cross-refs:

Citation information

Author(s): Michael Meloy and Kathleen Kubal
Year: 2017 (Apr)
Title: Historic Property Survey Report for the US 101 Managed Lanes Project, EA 04-1J560
Affliliation: California Department of Transportation, District 4; AECOM
No. pages:
No. maps:
Attributes: Archaeological, Architectural/historical, Management/planning, Other research
Inventory size: c 22 li mi
Disclosure: Not for publication
Collections: No

Sub-desig.: a
Author(s): Michael Meloy
Year: 2017 (Apr)
Title: Historic Resources Evaluation Report for the US 101 Managed Lanes Project, EA 04-1J560
Affiliation: California Department of Transportation, District 4
Report type(s): Architectural/historical, Field study
Inventory size:
No. pages:
Disclosure: Not for publication
Collections: No
PDF Pages: 26-160

Sub-desig.: b
Author(s): Karin G. Beck, Kathleen Kubal, and Jay Rehor
Year: 2017 (Apr)
Title: Archaeological Survey Report and Extended Phase I Study, US 101 High-Occupancy Vehicle/Express (Managed) Lanes Project, San Francisco, San Mateo, and Santa Clara Counties, California, EA 04-1J5600
Affiliation: AECOM
Report type(s): Archaeological, Excavation, Field study
Inventory size:
No. pages:
Disclosure: Not for publication
Collections: No
PDF Pages: 161-405

Sub-desig.: c
Author(s): Julianne Polanco
Year: 2017 (Jun)
Title: FHWA_2017_0508_001, Determinations of Eligibility for the Proposed Creation of Approximately 22 Miles of Managed Lanes along United States Highway 101, San Mateo County, CA
Affiliation: California Office of Historic Preservation
Report type(s): OHP Correspondence
Inventory size:
No. pages:
Disclosure: Not for publication
Collections: No
PDF Pages: 406-407

General notes

The APE spans San Mateo and Santa Clara counties.

Associated resources

Primary No.	*Trinomial*	*Name*
P-41-000039	CA-SMA-000035	Nelson 374
P-41-000045	CA-SMA-000041	Nelson 380
P-41-000047	CA-SMA-000043	Nelson 382
P-41-000273	CA-SMA-000321	Hamilton #2; San Mateo Shellmo
P-41-000321	CA-SMA-000344	East Palo Alto 1
P-41-002619		035-023-210
P-41-002620		033-193-190
P-41-002621		033-127-010
P-41-002622		033-073-250
P-41-002623		033-034-080
P-41-002624		029-314-190
P-41-002625		029-314-080
P-41-002626		029-194-080
P-41-002627		029-194-070
P-41-002628		029-194-040
P-41-002629		029-191-110
P-41-002630		029-185-140
P-41-002631		029-165-010
P-41-002632		029-083-070
P-41-002633		029-083-060
P-41-002634		029-082-140
P-41-002635		029-082-130
P-41-002636		029-081-130
P-41-002637		026-251-150
P-41-002638		026-251-130
P-41-002639		026-251-070
P-41-002640		026-251-050/026-251-060

No. resources: 27
Has informals: No

Location information

County(ies): San Mateo, Santa Clara
USGS quad(s): Montara Mtn, Mountain View, Palo Alto, Redwood Point, San Francisco South, San Mateo

Address:	*Address*	*City*	*Assessor's parcel no.*	*Zip code*
	US Highway 101			

PLSS:

Report Detail: S-049125

23-0648 :: 23-58 320 Sheridan Drive

Database record metadata

	Date	User	
Entered:	7/6/2017	Richterl	
Last modified:	3/9/2021	hagell	
IC actions:	*Date*	*User*	*Action taken*
	7/6/2017	Richterl	additional citation (a) created, partial print out
	7/6/2017	Richterl	additional citation (b) created, partial print out
	1/18/2018	vickeryn	Added additional citation "c" Shapefiles
	7/13/2018	murazzoj	Shapefile converted to report polygon
	9/24/2018	hagell	edited titles
	3/9/2021	hagell	added inventory size
Record status:	Verified		

Report Detail: S-055858

23-0648 :: 23-58 320 Sheridan Drive

Identifiers

Report No.: S-055858

Other IDs:	*Type*	*Name*
	Submitter	TOA #: 2020-050

Cross-refs: See also S-056897

Citation information

Author(s): Eileen Barrow
Year: 2020 (Nov)
Title: Cultural Resources Study for the Flow Equalization and Resource Recovery Facility Levee Improvements and Bayfront Recycled Water Project, Menlo Park, San Mateo County, California
Affliliation: Tom Origer & Associates
No. pages:
No. maps:
Attributes: Archaeological, Architectural/historical, Field study
Inventory size:
Disclosure: Not for publication
Collections: No

Sub-desig.: a
Author(s): Ward Hill and Denise Bradley
Year: 2020 (Nov)
Title: Historic Resources Evaluation Report: West Bay Sanitary District Flow Equalization and Resource Recovery Facility, 1700 Marsh Road, Menlo Park, San Mateo County, CA
Affiliation:
Report type(s): Archaeological, Architectural/historical, Field study
Inventory size:
No. pages:
Disclosure: Not for publication
Collections: No
PDF Pages: 79-168

General notes

Associated resources

	Primary No.	*Trinomial*	*Name*
	P-41-002651		MPEQ-Site-002
	P-41-002837		

No. resources: 2
Has informals: No

Location information

County(ies): San Mateo
USGS quad(s): Palo Alto

Address:	*Address*	*City*	*Assessor's parcel no.*	*Zip code*
	1700 Marsh Rd	Menlo Park		94025

PLSS:

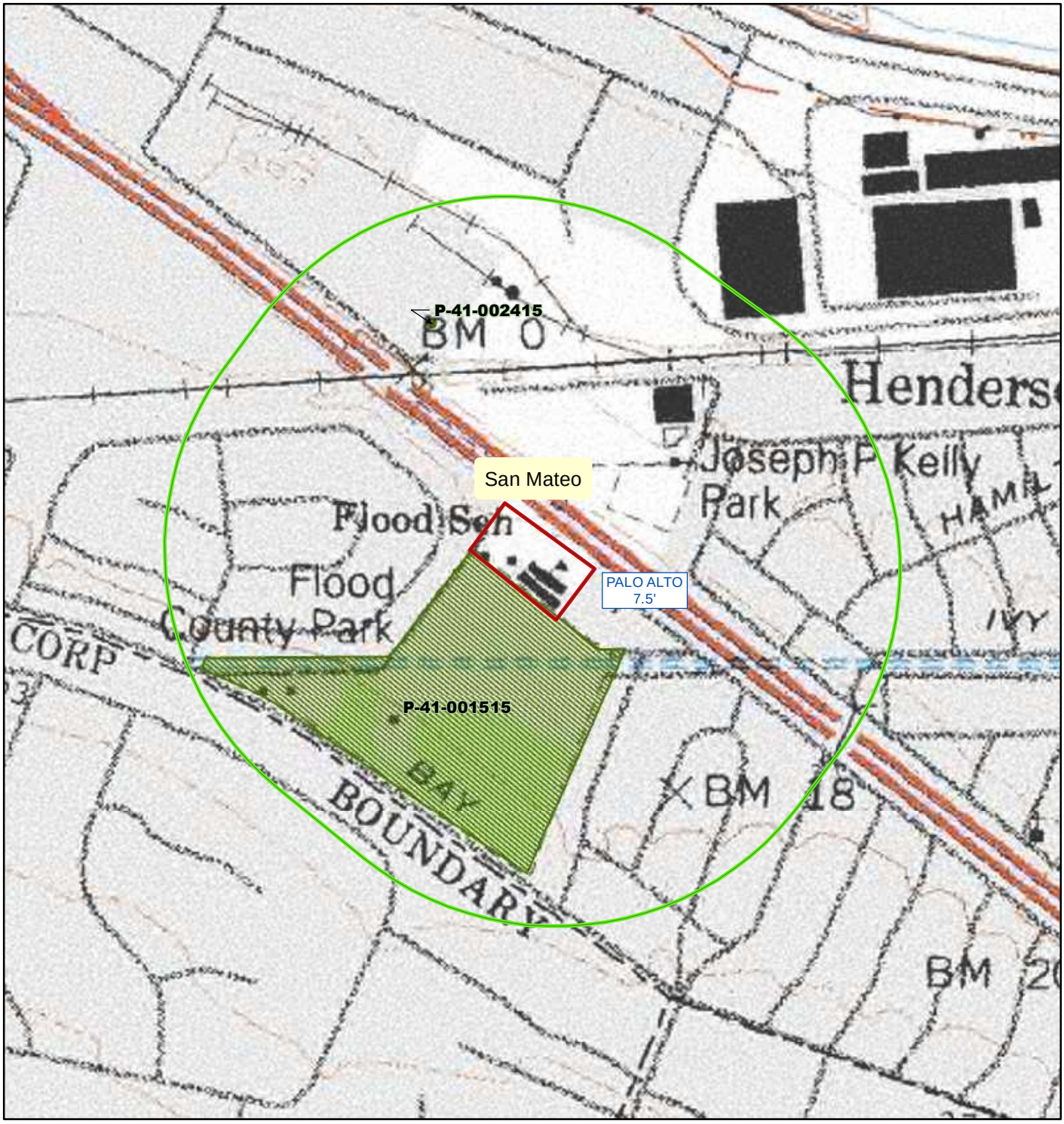
Database record metadata

	Date	*User*
Entered:	4/26/2022	VickeryN
Last modified:	11/16/2023	rinerg

IC actions:	*Date*	*User*	*Action taken*
	10/26/2023	vickeryn	Added addittional citation 'a'. No affiliation submitted.

Record status: Verified

Resource Map
23-58 320 Sheridan Drive



Northwest Information Center
File #23-0648 11 December 2023 J. Murazzo
May depict confidential cultural resource locations.
Do not distribute.

Feet 0 220 440 660 880
Meters 0 40 80 120 160 200
N

Project_location
Quarter_mile_buffer
Restricted resources
Resources (points)
Resources (lines)
Resources (polygons)
Resources approx loc
Resource districts
Quad outlines
County outlines

APPENDIX 2: NAHC CORRESPONDENCE

NATIVE AMERICAN HERITAGE COMMISSION

NAHC HEADQUARTERS
1550 Harbor Boulevard
Suite 100
West Sacramento,
California 95691
(916) 373-3710
nahc@nahc.ca.gov
NAHC.ca.gov

November 17, 2023

Molly Fierer-Donaldson
Archaeological/Historical Consultants

Via Email to: molly.fierer@ahc-heritage.com

Re: 23-58 320 Sheridan Drive Project, San Mateo County

To Whom It May Concern:

A record search of the Native American Heritage Commission (NAHC) Sacred Lands File (SLF) was completed for the information submitted for the above referenced project. The results were positive. Please contact the tribes on the attached list for information. Please note that tribes do not always record their sacred sites in the SLF, nor are they required to do so. A SLF search is not a substitute for consultation with tribes that are traditionally and culturally affiliated with a project's geographic area. Other sources of cultural resources should also be contacted for information regarding known and recorded sites, such as the appropriate regional California Historical Research Information System (CHRIS) archaeological Information Center for the presence of recorded archaeological sites.

Attached is a list of Native American tribes who may also have knowledge of cultural resources in the project area. This list should provide a starting place in locating areas of potential adverse impact within the proposed project area. Please contact all of those listed; if they cannot supply information, they may recommend others with specific knowledge. By contacting all those listed, your organization will be better able to respond to claims of failure to consult with the appropriate tribe. If a response has not been received within two weeks of notification, the Commission requests that you follow-up with a telephone call or email to ensure that the project information has been received.

If you receive notification of change of addresses and phone numbers from tribes, please notify the NAHC. With your assistance, we can assure that our lists contain current information.

If you have any questions or need additional information, please contact me at my email address: Cody.Campagne@nahc.ca.gov.

Sincerely,

Cody Campagne

Cody Campagne
Cultural Resources Analyst

Attachment

Native American Heritage Commission
Native American Contact List
San Mateo County
11/17/2023

Tribe Name	Contact Person	Contact Address	Phone #	Email Address
Amah MutsunTribal Band of Mission San Juan Bautista	Irene Zwierlein, Chairperson	3030 Soda Bay Road Lakeport, CA, 95453	(650) 851-7489	amahmutsuntribal@gmail.com
Costanoan Rumsen Carmel Tribe	Desiree Munoz, Tribal Liaison		(909) 491-8254	ohlonesisters@gmail.com
Costanoan Rumsen Carmel Tribe	Carla Munoz, Tribal Council	604 W Fernleaf Ave Pomona, CA, 91766	(415) 690-3110	carlamarieohlone@gmail.com
Indian Canyon Mutsun Band of Costanoan	Ann Marie Sayers, Chairperson	P.O. Box 28 Hollister, CA, 95024	(831) 637-4238	ams@indiancanyon.org
Indian Canyon Mutsun Band of Costanoan	Kanyon Sayers-Roods, MLD Contact	1615 Pearson Court San Jose, CA, 95122	(408) 673-0626	kanyon@kanyonkonsulting.com
Muwekma Ohlone Indian Tribe of the SF Bay Area	Monica Arellano, Vice Chairwoman	20885 Redwood Road, Ste 232 Castro Valley, CA, 94546	(408) 205-9714	monicavarellano@gmail.com
Tamien Nation	Lillian Camarena, Secretary	336 Percy Street Madera, CA, 93638	(559) 363-5914	Lcamarena@tamien.org
Tamien Nation	Quirina Luna Geary, Chairperson	PO Box 8053 San Jose, CA, 95155	(707) 295-4011	qgeary@tamien.org
Tamien Nation	Johnathan Wasaka Costillas, THPO	10721 Pingree Road Clearlake Oaks, CA, 94523	(925) 336-5359	thpo@tamien.org
The Ohlone Indian Tribe	Andrew Galvan, Chairperson	P.O. Box 3388 Fremont, CA, 94539	(510) 882-0527	chochenyo@AOL.com
The Ohlone Indian Tribe	Vincent Medina, Cultural Leader	17365 Via Del Rey San Lorenzo, CA, 94580	(510) 610-7587	vincent.d.medina@gmail.com
The Ohlone Indian Tribe	Desiree Vigil, THPO	259 Winwood Avenue Pacifica, CA, 94044	(650) 290-0245	dirwin0368@yahoo.com
Wuksachi Indian Tribe/Eshom Valley Band	Kenneth Woodrow, Chairperson	1179 Rock Haven Ct. Salinas, CA, 93906	(831) 443-9702	kwood8934@aol.com

This list is current only as of the date of this document. Distribution of this list does not relieve any person of statutory responsibility as defined in Section 7050.5 of the Health and Safety Code, Section 5097.94 of the Public Resource Section 5097.98 of the Public Resources Code.

This list is only applicable for contacting local Native Americans with regard to cultural resources assessment for the proposed 23-58 320 Sheridan Drive Project, San Mateo County.

CITADEL EHS
assess resolve strengthen

April 26, 2023

Thomas Atlee
ALLIANT STRATEGIC DEVELOPMENT
26050 Mureau Road, Suite 101
Calabasas, California 91302

Re: CITADEL Project No. 1485.1029.0
Phase I Environmental Site Assessment Report
320 Sheridan Drive
Menlo Park, California 94025

Dear Mr. Atlee:

Enclosed please find Citadel EHS's Phase I Environmental Site Assessment Report for the above-referenced location.

The Phase I Environmental Site Assessment Report was conducted for Alliant Strategic Development, in accordance with Citadel's Proposal 1485.1029.P, dated April 5, 2023, and a mutually agreed upon scope of work.

If after your review, you have any questions or require additional information, please do not hesitate to telephone me at the Citadel Office in Glendale at (818) 246-2707.

Sincerely,
CITADEL EHS

Mark Drollinger, M.Eng., CSP, CHMM
Principal, Engineering and Environmental Sciences

Enclosure

CITADEL EHS
assess resolve strengthen

Alliant Strategic Development
26050 Mureau Road, Suite 101
Calabasas, California 91302

Phase I Environmental Site Assessment Report

April 26, 2023

Citadel Project Number 1485.1029.0

320 Sheridan Drive
Menlo Park, California 94025

www.CitadelEHS.com

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EXECUTIVE SUMMARY

Project Summary

Client Name/User:	Alliant Strategic Development	**Property Visit Date:**	April 12, 2023
Client Contact:	Thomas Atlee	**Construction Date:**	N/A
Phone Number:	(323) 649-3346	**No. Buildings/No. Units:**	None
Email Address:	Thomas.a@alliantstrategicdev.com	**No. of Stories:**	N/A
Property Name:	None	**Bldg. Square Footage:**	N/A
Property Address:	320 Sheridan Drive	**Property Acreage:**	2.52 acres
Property City, State, Zip:	Menlo Park, California 94025	**Property Use:**	Vacant land
Property Identification:	055-303-110	**Property History:**	Undeveloped land, elementary school
Other Improvements:	Concrete-paved areas		

SUMMARY OF FINDINGS

Report Section		No Further Action	REC	HREC	CREC	Non-ASTM Scope	Recommended Action
2.2	Site Description	X					
2.3	Adjacent Properties	X					
5.0	Historical Review	X					
5.6	Previous Reports	X					
6.1	Regulatory Review	X					
6.2	Vapor Encroachment	X					
4.1	USTs/ASTs	X					
4.1	Chemicals/Hazardous Materials/Raw Materials	X					
4.2	ACMs/ACCMs	X					
4.2	Lead-Based Paint	X					
4.2	PCBs	X					
4.2	Lead in Drinking Water	X					
4.2	Radon	X					
4.2	Methane	X					
4.1	Other	X					

Citadel EHS (Citadel) was contracted by Alliant Strategic Development (Client) to perform a Phase I Environmental Site Assessment (Phase I ESA) of the property located at 320 Sheridan Drive, in the City of Menlo Park, San Mateo County, California; hereinafter referred to as the "Site."

Current Site Conditions

The Site consists of one vacant parcel with concrete floor slabs throughout the Site and a trash enclosure in the north portion of the Site. Access to the Site parking areas is near the west

boundary of the Site along Sheridan Drive. Sheridan Drive ends as an entrance to the Site. At the time of the Site reconnaissance, the Site was vacant and unoccupied.

No stationary equipment was observed at the Site. In general, the Site appeared to be moderately maintained. Citadel observed debris consisting of old carpet, tiles, an old basketball hoop, and rotting picnic tables throughout the Site. While the presence of debris is not expected to represent a significant environmental concern, the observed debris should be properly disposed of off-Site.

Site History

A review of historical sources showed that the Site was undeveloped as early as 1897 until at least 1953 with the development of two large structures as part of James E. Flood School. An additional structure in the south central portion of the Site appeared developed by 1958, and a small structure appeared developed in the southwest corner of the Site by 1991. All the Site structures appeared to have been demolished by 2020. The Site was generally occupied as a school from as early as 1953 until 2015.

The Site was occupied as James E. Flood School from 1969 to 2005; Redwood High School in 1978; Flood Park Alternative School and Union High School in 1981; Ravenswood City School from 1992 to 2000; Rivercom Web Services in 2005; and Center for a New Generation in 2010.

Environmental Databases

The Site was identified on the HAZNET and the Hazardous Waste Tracking System (HWTS) databases. HWTS is the Department of Toxic Substances Control's (DTSC) data repository for hazardous waste identification and manifest information. The Site was identified on these databases for generating other organic solids in 2004. The Site was also identified on the San Mateo County Business Inventory (BI), which is a list that includes Hazardous Materials Business Plans, hazardous waste generators, and underground storage tanks (USTs). The Site is listed on the BI list as an inactive facility under the stormwater program. Based on a lack of reported spills, leaks, or violations, this listing is not considered to represent a significant environmental concern.

Citadel reviewed information provided by Environmental Data Resources (EDR) regarding nearby properties to evaluate for potential on-Site vapor encroachment concerns from off-site sources. According to EDR, historical releases of petroleum products from a leaking underground storage tank (LUST) occurred within 0.25-mile and upgradient of the Site. Flood Park (SMCO), located at 215 Bay Road, is listed as a LUST site. According to EDR, the property adjoins the Site to the south and the gasoline leak was discovered in December 1987. The case was completed and closed by the San Mateo County Division of Environmental Health Services (DEHS) on September 10, 1997.

No properties were identified on the Historical Gas Station and Dry Cleaners databases as within 0.125-mile and upgradient, 365 feet and cross-gradient, or 100 feet and downgradient of the Site.

Environmental Databases

The DEHS Hazardous Materials Division (HMD) is the Certified Unified Program Agency (CUPA) for San Mateo County and is responsible for regulating facilities that: handle or store hazardous materials, are part of the California Accidental Release Prevention Program, generate or treat hazardous wastes, store at least 1,320 gallons of aboveground petroleum, and own or operate USTs. Citadel reviewed the Online Public Records System for DEH records. The Site was not identified in the database; however, Citadel submitted an environmental records request to the

DEHS. A permit to install one groundwater monitoring well for a geotechnical investigation to 40 feet below ground surface (bgs) in the southeast portion of the Site was issued in January 2021. A permit for the destruction of the groundwater monitoring well via pressure grouting was issued in April 2022. According to the Monitoring Well Log and Construction Diagram, groundwater was encountered approximately 18 to 19 feet bgs. Based on the permits provided, the previous presence of the groundwater monitoring well is not expected to represent a significant environmental concern.

RECOGNIZED ENVIRONMENTAL CONDITIONS

According to American Society for Testing and Materials (ASTM) Standard of Practice E1527-13, recognized environmental conditions (REC) fall under three specific categories when evaluating a site or properties within the site vicinity. These categories are defined below.

A recognized environmental condition, or REC, means the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to any release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment. De minimis conditions are not recognized environmental conditions.

A controlled recognized environmental condition, or CREC, is a recognized environmental condition resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority), with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls).

An historical recognized environmental condition, or HREC, is a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls).

According to ASTM E2600-15, the goal of conducting a vapor encroachment screening on a parcel of property is to identify a vapor encroachment condition (VEC), which is the presence or likely presence of chemicals of concern vapors in the subsurface of the target property (TP) caused by the release of vapors from contaminated soil or groundwater or both either on or near the target property as identified by Tier 1 or Tier 2 procedures. The purpose of Tier 1 is to conduct a screen using Phase I ESA-type information to determine if a VEC exists at the target property. If the Tier 1 screen cannot rule out the possibility of a VEC existing at the target property, then a Tier 2 screen can be conducted. Tier 2 applies numeric screening criteria to existing or newly collected soil, soil gas, and/or groundwater testing results to evaluate whether or not a VEC can be ruled out. Tier 2 has two data collective components: non-invasive and invasive.

Based on a review of historical and present records, and Site reconnaissance, Citadel believes that sufficient information was collected and evaluated for the Site to determine if a REC, HREC, CREC, or a de minimis condition exists. Based on our review, reported release incidents that would represent RECs in connection with the Site or a source of a release that would be likely to contribute to a VEC was not identified. No evidence for designating the Site as a REC, HREC, or CREC from reviews of historic documents and present Site conditions was found.

NON-ASTM SCOPE CONSIDERATIONS

The California Bureau of Mines and Geology and California Department of Public Health (CADPH) participated in the United States EPA's State Radon Survey, a Federal survey to measure levels of indoor radon in all states. Based on the results of this survey, CADPH predicted that approximately 0.5% of homes in Region 9 would have radon concentrations over the EPA action level of 4.0 picoCuries per liter (pCi/L).

The Federal EPA Radon Zone for San Mateo County is Zone 2, which indicates an average indoor concentration greater than or equal to 2.0 pCi/L of air and less than or equal to 4.0 pCi/L. In a survey, 101 tests were performed within the 94035 zip code for the presence of radon. Of these, 21 tests were found to contain radon in excess of 4.0 pCi/L. Site-specific radon values were not available and were not a part of this ASTM Phase I ESA.

A potable well was not observed on-Site, and the Site does not lie within a known or potential wetland. The northwest portion of the Site lies within a 500-year flood zone, per FEMA Flood Insurance Rate Map Number 06081C0306F.

1.0 INTRODUCTION

Citadel EHS (Citadel) was contracted by Alliant Strategic Development (Client) to perform a Phase I Environmental Site Assessment (Phase I ESA) of the property located at 320 Sheridan Drive, in the City of Menlo Park, San Mateo County, California; hereinafter referred to as the "Site."

1.1 PURPOSE

The purpose of the Phase I ESA was to review past and present land use practices and to evaluate the presence, or likely presence, of any hazardous substances or petroleum products that have been discharged into the property's structure, ground, groundwater, or surface water. This qualitative assessment was accomplished by review of current and readily available information regarding past and current land use for indications of the manufacture, generation, use, storage and/or disposal of hazardous substances at the Site. A Site visit was also conducted to observe existing Site conditions. This report provides the results of the Phase I ESA performed.

1.2 INVOLVED PARTIES

The involved party(s) in this study, to the best of our knowledge, is Alliant Strategic Development.

Citadel understands that this Phase I ESA is being requested in conjunction with due diligence activities by Alliant Strategic Development. Citadel recognizes that this report is to be used exclusively by Alliant Strategic Development and its successors, lenders, and assigns. It is a report upon which Alliant Strategic Development and its successors, lenders, and assigns, can rely.

This assessment and report were prepared on behalf of and for the exclusive use of Alliant Strategic Development, their lenders and assigns (Client) solely for its use and reliance, subject to the terms and conditions agreed upon between Citadel and the Client.

1.3 SCOPE OF SERVICES

This Phase I ESA was conducted in accordance with the American Society for Testing and Materials (ASTM) Standard of Practice E1527-13 and the standards of care and diligence normally practiced by recognized consulting firms in performing services of a similar nature. The Phase I ESA also incorporates procedures as prescribed in the new ASTM Standard of Practice E1527-21.

The scope of services for this assessment consisted of the following:

- Performed a Site inspection to verify current Site conditions, and check for visible evidence of previously disposed and/or currently present hazardous waste, surface contamination, underground and above ground storage tanks (USTs/ASTs), suspect polychlorinated biphenyls (PCBs), and other potential environmental hazards.

- Conducted a visual survey of the adjacent properties and the immediate vicinity to determine if any nearby sites posed a significant environmental threat to the Site.

- Reviewed currently and readily available documents, including maps, aerial photographs, governmental databases of known hazardous waste sites and

underground tanks, other consultant reports (if any), fire insurance maps, and other accessible records.

- Reviewed results from a search of available current land title records for environmental cleanup liens and other activity and use limitations, such as engineering controls and institutional controls.

- Consulted with appropriate governmental agencies having jurisdiction relative to past history of the property, complaints or incidents in the immediate area, and permits that may have been issued.

- Prepared a Phase I report, inclusive of our findings and recommendations, with applicable illustrations and documentation.

The scope of services outlined above is generally considered sufficient to properly assess the Site based on the data search, reasonably ascertainable documents, and Site inspection.

2.0 GENERAL SITE CHARACTERISTICS

2.1 LOCATION

The rectangular-shaped Site is located approximately 75 feet south-southwest of the U.S. Route 101, locally referred to as the Bayshore Freeway. The Site is bounded by Bayshore Freeway to the north; Van Buren Road and a multi-family residential property to the east; a park to the south; and Sheridan Drive and single-family residential properties to the west. The general Site vicinity is occupied by single and multi-family residential properties with municipal properties to the north and south.

According to the U.S. Geological Survey (USGS) Palo Alto Quadrangle (7.5 Minute Series), dated 2018, the Site is at an elevation of approximately 19 feet above mean sea level (AMSL) and appears to slope to the north-northeast. The Site is located at approximate coordinates of 37° 28' 36.78" North Latitude and 122° 10' 12.94" West Longitude.

A Site Location Map identified as Figure 1 is included in Appendix A.

2.2 SITE DESCRIPTION

According to the County of Los Angeles' Assessor's Parcel Maps, the Site is comprised of one parcel legally identified as Assessor's Parcel Number (APN) 055-303-110. The Site encompasses approximately 2.52 acres of land.

The Site consists of one vacant parcel with concrete floor slabs throughout the Site and a trash enclosure in the north portion of the Site. Access to the Site parking areas is near the west boundary of the Site along Sheridan Drive. Sheridan Drive ends as an entrance to the Site. At the time of the Site reconnaissance, the Site was vacant and unoccupied.

No stationary equipment was observed at the Site. In general, the Site appeared to be moderately maintained. Citadel observed debris consisting of old carpet, tiles, an old basketball hoop, and rotting picnic tables throughout the Site. While the presence of debris is not expected to represent a significant environmental concern, the observed debris should be properly disposed of off-Site.

A Site Plan is included as Figure 2 in Appendix A. Select photographs of the Site and vicinity is included as Appendix B.

2.3 ADJACENT PROPERTIES

The immediately surrounding properties of the Site consist of the following:

Direction from Site	Address – Tenant/Use
North	Bayshore Freeway, with a Pacific Gas and Electric Company (PG&E) substation and Menlo Park Community Center at 100 Terminal Avenue further north
East	260 Van Buren Road – LifeMoves | Haven Family House, a homeless shelter
South	215 Bay Road – Flood Park, a county park
West	307 Hedge Road – Single-family residence 308 Sheridan Drive – Single-family residence 311 Sheridan Drive – Single-family residence

2.4 UTILITIES

Electrical and gas service are supplied to the Site by PG&E. General rubbish (non-hazardous) is removed from the Site on a regular basis by a contracted waste hauler. However, the Site is currently vacant.

3.0 ENVIRONMENTAL SETTING

3.1 PHYSICAL SITE CHARACTERISTICS

Based upon the North American Datum (NAD) of 1983, the Site is at an elevation of approximately 19 feet AMSL.

The Site is identified on the geologic map of Palo Alto and Mountain View quadrangles, California (Dibblee and Minch, 2007) as being Holocene aged surficial sediments (Qa.1). The surficial sediments are described as alluvial sand, fine-grained, silt, and gravel, where differentiated represents alluvial fan deposits at the base of slopes and upper fan areas. The United States Department of Agriculture (USDA) Natural Resources Conservation Service (NRCS) National Cooperative Soil Survey identifies the Site soils as Urban land-Orthents, cut and fill complex. The Urban Land soil is described as marine terraces and alluvial fans, and the Orthents soils are described as well drained.

USGS Topographic Map	Palo Alto Quadrangle
Groundwater Basin	Santa Clara Valley Groundwater Basin, San Mateo Plain Subbasin
Nearest Surface Water to Site	Don Edwards San Francisco Bay National Wildlife Refuge, approximately 0.75 mile north-northwest of the Site
Gradient Direction (Source)	North-northeast (topographic maps)
Estimated Depth to Groundwater (Source)	18 to 19 feet below ground surface (bgs) at the Site (Todd Groundwater, 2022)
Nearest Wetland to Site (Source)	Freshwater pond, approximately 0.46 mile north-northeast of the Site (National Wetlands Inventory)
Nearest 100 or 500-year Flood Zone	Northwest portion of the Site is located in the 500-year Flood Zone (Federal Emergency Management Agency)

4.0 SITE RECONNAISSANCE

Citadel representative Mr. Eric Theil conducted the Phase I ESA reconnaissance on April 12, 2023. Mr. Theil was unaccompanied during the Site reconnaissance, which consisted of an inspection of the Site and a perimeter survey of the surrounding properties. Ms. Shirley Lee served as the Project Manager and reviewed this Phase I ESA. Findings from the Site inspection, research and perimeter survey are presented below.

4.1 SITE RECONNAISSANCE FINDINGS

Yes	No	Observation
	X	Aboveground Storage Tanks (ASTs) and Underground Storage Tanks (USTs)
	X	Identified Hazardous Materials
	X	Polychlorinated Biphenyls (PCBs) – Electric or Mechanical Equipment Likely to Contain Fluids
	X	Radioactive Man-Made Materials
	X	Pits, Ponds, and Lagoons
	X	Septic Tanks and Cesspools
X		Wells, Cisterns, Sumps, and Drains
	X	Wastewater or Grease Interceptors
	X	Interior Stains or Corrosion
	X	Strong, Pungent, or Noxious Odors
	X	Pools of Liquid
	X	Stained Soil or Pavement
	X	Stressed Vegetation
X		Other

The above-identified observed items are further discussed below.

WELLS, CISTERNS, SUMPS, AND DRAINS

Several storm drains were observed in south portion of the Site. No hazardous substances or petroleum products were noted in the vicinity of the drains. Based on the use of the drains solely for water runoff, the presence of the drains is not expected to represent a significant environmental concern.

OTHER

Citadel observed debris consisting of old carpet, tiles, an old basketball hoop, and rotting picnic tables throughout the Site. While the presence of debris is not expected to represent a significant environmental concern, the observed debris should be properly disposed of off-Site.

4.2 NON-ASTM SERVICES

ASBESTOS CONTAINING MATERIALS

The EPA issued a final rule under Section 6 of Toxic Substances Control Act (TSCA) banning most asbestos-containing building materials (ACBMs) in 1989. The ban on ACBMs was vacated in 1991 allowing some building materials to continue to contain asbestos. The applicability of the EPA's National Emission Standards for Hazardous Air Pollutants (NESHAP, 40 CFR Chapter 61, Subpart M) apply to the owner or operator of a facility where an inspection for the presence of asbestos-containing materials (ACM), including Category I (asbestos containing packings, gaskets, resilient floor coverings and asphalt roofing products), and Category II (all remaining types of non-friable asbestos containing material not included in Category I that when dry, cannot be crumbled, pulverized or reduced to powder by hand pressure), non-friable ACM must occur prior to the commencement of demolition or renovation activities.

Building materials, coatings, and/or finishes containing asbestos may be present in any structure regardless of the date of construction. In accordance with NESHAPS and local air pollution control district regulations, all suspect materials, finishes, and coatings that will be impacted by renovation or demolition regardless of the date of construction are required to be surveyed for the presence of asbestos by State-licensed asbestos consultants.

No structures were observed during the Site reconnaissance. A survey for asbestos-containing materials was not requested or conducted as part of this Phase I ESA.

LEAD-BASED/LEAD-CONTAINING PAINTS

Lead-based paint (LBP) is defined as any paint, varnish, stain, or other applied coating that has greater than or equal to one milligram per square centimeter (mg/cm^2) (5,000 microgram per gram (µg/g) or 5,000 parts per million (ppm)) of lead by federal guidelines; state and local definitions may differ from the federal definitions in amounts ranging from 0.5 mg/cm^2 to 2.0 mg/cm^2. In 2009, the US Consumer Product Safety Commission (16 Code of Federal Regulations CFR 1303) banned paint containing more than 0.009% (90 ppm) lead for residential use. Buildings built before 1978 are much more likely to have LBP; however, all commercial structures regardless of the date of construction likely contain lead-based or lead-containing glazings, varnishes, stains, coatings, paints, and primers. Such materials that will be impacted by renovation, repair, or demolition should be tested beforehand and the results disclosed to trades or staff that will be doing such work. All associated waste streams should be accurately characterized for proper disposal requirements.

No structures were observed during the Site reconnaissance. A survey for lead containing materials was not requested or conducted as part of this Phase I ESA.

POLYCHLORINATED BIPHENYLS

Polychlorinated biphenyls (PCBs) were an ingredient added to a variety of building materials during manufacture, most notably, but not limited to, caulking, putty, and glazing, particularly around windows, door frames, and building joints. Building materials containing PCBs were used in many buildings in the 1950s through the 1970s, and potentially before the 1950s. There are significant regulations regarding the removal of these materials during demolition and/or renovation, both from an environmental protection standpoint as well as an occupational health and safety standpoint. In addition, under the Toxic Substances Control Act (TSCA), building materials that contain PCBs at or above 50 ppm are considered an "unauthorized use"

of PCBs, and removal can be compelled under TSCA. The presence of PCBs may have the potential to impact a property's future land use. Based on the construction date for the Site building, building materials containing PCBs may have been used in the construction of the Site building.

No structures were observed during the Site reconnaissance. A survey for PCBs is beyond the required scope of ASTM E1527-13 and was not specifically requested or conducted as part of this Phase I ESA.

DRINKING WATER

The Site is currently not supplied with drinking water. An assessment of lead in drinking water was not requested or conducted as part of this Phase I ESA.

RADON

The California Bureau of Mines and Geology and California Department of Public Health (CADPH) participated in the United States EPA's State Radon Survey, a Federal survey to measure levels of indoor radon in all states. Based on the results of this survey, CADPH predicted that approximately 0.5% of homes in Region 9 would have radon concentrations over the EPA action level of 4.0 picoCuries per liter (pCi/L).

The Federal EPA Radon Zone for San Mateo County is Zone 2, which indicates an average indoor concentration greater than or equal to 2.0 pCi/L of air and less than or equal to 4.0 pCi/L. In a survey, 101 tests were performed within the 94035 zip code for the presence of radon. Of these, 21 tests were found to contain radon in excess of 4.0 pCi/L. Site-specific radon values were not available and were not a part of this ASTM Phase I ESA.

METHANE

The Site is not located within a known or designated methane zone.

5.0 SITE HISTORY

The purpose of the records review is to obtain and review reasonably ascertainable/standard sources that will help identify recognized environmental conditions in connection with the property. Reasonably ascertainable records from standard sources is (1) information that is publicly available, (2) information that is obtainable from its source within reasonable time and cost constraints, and (3) information that is practically reviewable.

Reasonable time and cost means that the information will be provided by the source within 20 calendar days of receiving a written, telephone, or in-person request at no more than a nominal cost intended to cover the source's cost of retrieving and duplicating the information. Information that can only be reviewed by a visit to the source is reasonably ascertainable if the visit is permitted by the source within 20 days of request.

To investigate the history of the Site, Citadel reviewed select historic aerial photographs, building permits, city directories, and Sanborn Fire Insurance Maps provided by Environmental Data Resources Inc. (EDR). In addition, Citadel reviewed client-supplied information, and oil and gas maps, and Citadel interviewed selected individuals regarding historic Site use. Citadel's reviews of these reports and interviews are discussed below.

5.1 HISTORICAL AERIAL PHOTOGRAPHS

Historical aerial photographs of the Site and vicinity were obtained from EDR to ascertain historical land uses and to identify any evidence of hazardous material generation or storage. Below are brief descriptions of observations made from the aerial photographs of the Site and vicinity.

Dates(s)	Site Description	Surrounding Area Descriptions
1943	Undeveloped land	**North:** Bayshore Freeway appears developed as a highway **East:** Undeveloped land **South:** Undeveloped land **West:** Undeveloped land
1948	Relatively unchanged	**North:** Relatively unchanged **East:** Single-family and multi-family residences appear developed **South:** A baseball field and parking lot appear developed **West:** Sheridan Drive and single-family residences appear developed
1950	Relatively unchanged	**North:** Relatively unchanged **East:** Relatively unchanged **South:** Relatively unchanged **West:** Additional single-family residences appear developed
1958, 1963, 1968, 1974, 1982	Three large structures appear developed in the south-center and southeast portions of the Site	**North:** Bayshore Freeway appears to have been expanded **East:** Relatively unchanged **South:** Relatively unchanged **West:** Relatively unchanged
1991	A small structure appears developed in the southwest corner of the Site	**North:** Relatively unchanged **East:** Relatively unchanged **South:** Relatively unchanged **West:** Relatively unchanged
1998	A small structure appears developed north of the previously identified structures in the southeast portion of the Site	**North:** Relatively unchanged **East:** Relatively unchanged **South:** Relatively unchanged **West:** Relatively unchanged
2005, 2009, 2012	Relatively unchanged	**North:** Relatively unchanged **East:** Van Buren Road appears developed; the previously identified single-family and multi-family residences appear to have been replaced with the current multi-family residential structure **South:** Relatively unchanged **West:** Relatively unchanged
2020	The previously identified structures appear to have been demolished	**North:** Relatively unchanged **East:** Relatively unchanged **South:** Relatively unchanged **West:** Relatively unchanged

Copies of the Aerial Photographs provided by EDR can be found in Appendix C.

5.2 HISTORIC BUILDING PERMITS

EDR provides a listing of building permits for the Site and adjoining properties, if available. In addition, Citadel searched the County of Santa Mateo Planning and Building Department's All of California in One County database and City of Menlo Park Permit and Record Web Portal for the Site. Citadel also reviewed the Department of General Service's (DGS) Division of the State Architect (DSA) Online Project Status eTracker for the Site. No building permits were available for this address.

A copy of the EDR Building Permit Report is included as Appendix D.

5.3 HISTORICAL FIRE INSURANCE MAPS

Citadel requested that EDR review its collection of Sanborn Fire Insurance Maps for potential coverage of the Site and vicinity. Sanborn Map coverage was not available for the Site.

A copy of the EDR Sanborn Map Report is included as Appendix E.

5.4 CITY PARCEL PROFILE REPORT

A parcel profile report was not available for the Site.

5.5 HISTORICAL CITY DIRECTORIES

City directories were researched by EDR in order to identify previous Site tenants and/or neighboring properties with a potential for hazardous materials generation and/or storage. EDR researched city directory listings from 1957 through 2020 (non-inclusive) and provided their search results to Citadel for review. The following table summarizes information provided by the city directory search.

Dates(s)	Occupant Listed
320 SHERIDAN DRIVE – CURRENT SITE ADDRESS	
1957, 1963	Not listed
1969, 1973	Flood James School
1978	Redwood High School
1981	Flood Park Alternative; Union High School
1986	Not listed
1992	Ravenswood SC Flood
1995	James Flood Elementary School
2000	David A Dyer; Ravenswood City School District
2005	James Flood Magnet School; Rivercom Web Services
2010	Center for a New Generation
2014, 2017, 2020	Not listed

The following table summarizes information for the adjoining/adjacent properties provided by the city directory search.

Dates(s)	Occupant Listed
260 VAN BUREN ROAD – ADJOINING PROPERTY EAST OF THE SITE	
1978	Belle Haven Motel
1981	Belle Haven Motel; Thomas A Bolik

Dates(s)	Occupant Listed
1992	Haven Family House
1995	Penny Brown; Rachel Davis; Charles Greer; Haven Family House
2005	Jorge M Aceves; Milton Boreaux; Marco Constantino; Family Service Agency of San Mateo County; Haven Family House; C P Moreno; Cynthia A Turner
2010	Yolanda Barela; Julia Castillo; Donna Gorman; Daniel Guido; Haven Family House; Charles Johnson-Heath; Jennifer Lagone; Darrin Lee; Kristal Nadonza; Vai Paletua; Donna N Rainwater
2014, 2017	Innvision Shelter Network
2020	Azteca Valdez; John Hickman; Kim Hedge; Ligala Manns; Nora Flores; Rebecca Abas; Thomas Hinrichs
215 BAY ROAD – ADJOINING PROPERTY SOUTH OF THE SITE	
1957	John McGlasson; Flood Park; Walter A Sjosten
1963	Flood Park; Walter A Sjosten
1969	Flood Park; Jack A Sumner
1973	Flood Park; Michael Fritz
1978	Flood Park; Jack Kuhn
1981	Not listed
1986	SMTO County Parks & Recreation
1992	Not listed
1995	Flood Park
2000	Flood Park; James P Morgan; San Mateo County Offices Parks & Recreation; San Mateo County Parks & Recreation Foundation
2005	Not listed
2010	Flood Park; San Mateo County Parks & Rec
2014	Flood Park; San Mateo County Parks & Rec; San Mateo County Offices
2017	Flood Park; San Mateo County Parks & Rec
2020	Flood Park; Kelly Scott; Kelvin Scott; San Mateo County Parks & Rec
307 HEDGE ROAD – ADJOINING PROPERTY WEST OF THE SITE	
1957	Thomas A Taylor
1963, 1969, 1973, 1978, 1981, 1992	Robert L Holdredge
1995	Sam B Liles
2000, 2005, 2010, 2014	Not listed
2017	Alexander Haskin
2020	Not listed
308 SHERIDAN DRIVE – ADJOINING PROPERTY WEST OF THE SITE	
1957	Klett
1963, 1969, 1973	Theo H Clark
1978, 1981	Stan C Schoof
1986	J Leland
1992, 1995	Not listed
2000	Todd S Sachs
2005	Bichhuyen T Pham
2010	Grout Experts; Hoang C Nguyen
2014, 2017	Hoang C Nguyen
2020	Bichhuyen Pham; Grout Expert; Hoang Nguyen
311 SHERIDAN DRIVE – ADJOINING PROPERTY WEST OF THE SITE	
1957	Ralph J Scherzer
1963	Ralph J Scherzer; Flood Jas School
1969, 1973, 1978	Arthur Nicholson
1981	Cheryl Nicholson

Dates(s)	Occupant Listed
1986	Arthur Nicholson
1992, 1995, 2000	Not listed
2005	Arthur Nicholson
2010	Salofi Tautuaa
2014, 2017	Paul Tatakamotonga
2020	Lovely Tautau'a; Sally Williams; Salofi Tautuaa

A copy of the EDR City Directory Abstract is included as Appendix F.

5.6 CLIENT-SUPPLIED ENVIRONMENTAL INFORMATION

No prior reports or relevant documentation was provided to Citadel. No reports are included in Appendix G.

5.7 HISTORICAL TOPOGRAPHIC MAPS

Historical topographic maps were provided by EDR in order to identify natural features and changes in development over a long period of time. The topographic maps provides the user with a regional view of changes to the Site and vicinity that other historical databases such as aerial photographs may not provide. Below are brief descriptions of observations made from the topographic maps of the Site and vicinity.

Dates(s)	Site Description	Surrounding Area Descriptions
1897, 1899, 1902	Undeveloped land	**North:** Undeveloped land **East:** Undeveloped land **South:** Undeveloped land **West:** Undeveloped land
1943, 1947	Relatively unchanged	**North:** Bayshore Freeway is shown as Shore Boulevard with a railroad developed beyond **East:** Iris Lane and Del Norte Avenue appear developed further east **South:** Woodlands and Flood Park appears developed further south **West:** Relatively unchanged
1948	Relatively unchanged	**North:** Relatively unchanged **East:** Several small structures, likely single-family and multi-family residences, appear developed **South:** A small structure, likely an office, appears developed further south **West:** Hedge Road and several small structures, likely single-family residences, appear developed
1953	Two large structures appear developed as a part of James E. Flood School	**North:** Shore Boulevard is shown as Bayshore Highway; shading is indicative of urban development **East:** A large structure, likely a multi-family residence, appears developed; shading is indicative of urban development further east **South:** A channel appears developed further south **West:** Shading is indicative of urban development

Dates(s)	Site Description	Surrounding Area Descriptions
1961	An additional large structure appears developed west of the previously identified structures	**North:** Relatively unchanged **East:** The previously identified structure no longer appears developed **South:** Relatively unchanged **West:** Relatively unchanged
1968, 1973	Relatively unchanged	**North:** Relatively unchanged **East:** Relatively unchanged **South:** A road appears developed **West:** Relatively unchanged
1994, 1999	A small structure appears developed in the southwest portion of the Site	**North:** Relatively unchanged **East:** Relatively unchanged **South:** Relatively unchanged **West:** Relatively unchanged
2012, 2015	Structures not depicted on these maps	**North:** Structures not depicted on these maps **East:** Structures not depicted on these maps **South:** The previously identified road no longer appears developed; structures not depicted on these maps **West:** Sheridan Drive appears developed; structures not depicted on these maps
2018	The Site no longer appears developed with a school	Structures not depicted on this map

Copies of the historical topographic maps provided by EDR are included as Appendix H.

5.8 HISTORIC OIL AND GAS MAPS

Citadel reviewed information available on-line through the California Department of Conservation's website. The Geological Energy Management Division (CalGEM) Online Mapping System (COMS) shows that there are no oil wells within a one-mile radius of the Site.

5.9 INTERVIEWS

No interviews were conducted during the Site reconnaissance. Citadel submitted a User Questionnaire to Alliant Strategic Development. The Client was not aware of any historic or current environmental concerns or hazards at the Site. The completed User Questionnaire can be found in Appendix I.

5.10 ENVIRONMENTAL LIEN

Citadel contracted with EDR to perform an Environmental Lien Search for the Site. The Environmental Lien Search report reviewed did not identify any current environmental liens or other activity and use limitations (AUL) for the Site. No deeds from 1980 to present were included in the report. The current owner of the Site is Ravenswood Elementary School District.

A copy of the environmental lien and AUL search can be found in Appendix J.

5.11 SUMMARY OF SITE HISTORY

A review of historical sources showed that the Site was undeveloped as early as 1897 until at least 1953 with the development of two large structures as part of James E. Flood School. An

additional structure in the south central portion of the Site appeared developed by 1958, and a small structure appeared developed in the southwest corner of the Site by 1991. All the Site structures appeared to have been demolished by 2020. The Site was generally occupied as a school from as early as 1953 until 2015.

The Site was occupied as James E. Flood School from 1969 to 2005; Redwood High School in 1978; Flood Park Alternative School and Union High School in 1981; Ravenswood City School from 1992 to 2000; Rivercom Web Services in 2005; and Center for a New Generation in 2010.

Properties in the vicinity appeared undeveloped as early as 1897. Bayshore Freeway appeared developed by 1943; however, Bayshore Freeway was originally identified as Shore Boulevard until the name change by 1953. The adjoining property east of the Site appeared developed with several single-family and multi-family residences by 1948. The adjacent property further north of the Site appeared developed with a substation by 1958 and a park by 1963. The adjoining property east of the Site was occupied as Belle Haven Motel from 1978 to 1981; Haven Family house with various residential tenants from 1992 to 2010; Innvision Shelter Network from 2014 to 2017; and various residential tenants in 2020. The adjoining property south of the Site appeared developed as Flood Park by 1943 and with a parking lot and baseball field by 1948. The adjoining property south of the Site was occupied as Flood Park from 1943 to at least 2020 and by San Mateo County Parks & Recreation from 1986 to 2020. The adjoining properties west of the Site appeared developed with Sheridan Drive and single-family residences by 1948. The adjoining properties west of the Site has been generally occupied by residential tenants.

6.0 REGULATORY AGENCY REVIEW

6.1 DATABASE REVIEW

As part of the Phase I ESA, Citadel utilized EDR of Milford, Connecticut, as an information source for regulatory agency database records.

The following summary of the database information is divided into five columns. The first column identifies the environmental database researched; the second column indicates the distance from the Site that was used for the research; the third column indicates if the Site was identified in the specified database; the fourth column lists the number of listings identified on the database within the specified distance of the Site; and the fifth column indicates if the sites identified are potential environmental concerns to the Site.

Although locations of the orphan sites are frequently unknown, Citadel attempts to evaluate the potential adverse environmental impact that these facilities may have on the Site. This evaluation consists of reviewing street names in an effort to learn whether the street on which the Site is located lies within the search distance of the subject property, a drive-by view of surrounding properties during the Site visit, and evaluating the Site type and information provided by government agencies. The orphan sites included in the following table are those Citadel identified as potentially located within the identified search distance.

Database	Radius	Site Identified	No. of Listings Identified	Potential Environmental Concern to the Site
National Priorities List	1 mile	No	0	
RCRA Corrective Action Treatment/Storage/Disposal (TSD) Facilities (CORRACTS)	1 mile	No	1	No

Database	Radius	Site Identified	No. of Listings Identified	Potential Environmental Concern to the Site
Delisted National Priorities List	1 mile	No	0	
CERCLIS Sites	½ mile	No	1	No
CERCLIS No Further Remedial Action Planned (NFRAP) Sites	½ mile	No	1	No
RCRA Non-Corrective Action TSD Facilities	½ mile	No	1	No
State/Tribal Voluntary Cleanup Sites	½ mile	No	1	No
State/Tribal Leaking Registered Storage Tank Sites	½ mile	No	15	
State/Tribal Brownfield Sites/CERCLIS Equivalent	1 mile	No	2	No
Historic CORTESE List	½ mile	No	7	No
State/Tribal Solid Waste Landfill Sites/Facilities	½ mile	No	0	
Federal/State/Tribal Engineering Controls Registries	½ mile	No	0	
Federal/State/Tribal Institutional Controls Registries	½ mile	No	1	No
RCRA Large Quantity Generators	¼ mile	No	0	
RCRA Small Quantity Generators	¼ mile	No	1	No
RCRA Non Generators	¼ mile	No	9	No
State/Tribal Registered Storage Tank Sites	¼ mile	No	0	
HIST UST	¼ mile	No	3	No
CA FID UST	¼ mile	No	1	No
SWEEPS UST	¼ mile	No	1	No
Facility Index System (FINDS)	Site	No	0	
HAZNET	Site	Yes	1	No, see discussion below
Orphan	N/A	No	3	No

A brief discussion of select facilities and their database listings are included following the table. The full report provided by EDR and reviewed by Citadel can be found in Appendix K.

Site Name	RWCSD-James Flood Magnet School; Ravenswood City School District/James Flood Elementary; EPA Academy Elementary-Stanford
Database(s)	HWTS, HAZNET, SAN MATEO COUNTY BI
Address	320 Sheridan Drive
Distance/Direction	Target Property
Comments	The Site was identified on the HAZNET and the Hazardous Waste Tracking System (HWTS) databases. HWTS is the Department of Toxic Substances Control's (DTSC) data repository for hazardous waste identification and manifest information. The

	Site was identified on these databases for generating other organic solids in 2004. The Site was also identified on the San Mateo County Business Inventory (BI), which is a list that includes Hazardous Materials Business Plans, hazardous waste generators, and USTs. The Site is listed on the BI list as an inactive facility under the stormwater program. Based on a lack of reported spills, leaks, or violations, this listing is not considered to represent a significant environmental concern.

Site Name	Flood Park (SMCO)
Database(s)	LUST, HIST UST, CORTESE, CERS
Address	215 Bay Road
Distance/Direction	0.21 mile west-southwest of the Site
Comments	The adjoining property south of the Site was identified on the leaking underground storage tank (LUST) and historical UST databases. According to the historical UST database, one 750-gallon gasoline UST and one diesel UST with unknown capacity were located at the Site. No violations were identified on the California Environmental Reporting System (CERS). This property and the LUST case is further discussed below in Sections 6.2 and 6.3.

Maps showing the location of these facilities and additional information are provided in the Government Records Report in Appendix K.

6.2 VAPOR ENCROACHMENT CONDITION

According to ASTM E2600-15, the goal of conducting a vapor encroachment screening on a parcel of property is to identify a vapor encroachment condition (VEC), which is the presence or likely presence of chemicals of concern vapors in the subsurface of the target property (TP) caused by the release of vapors from contaminated soil or groundwater or both either on or near the target property as identified by Tier 1 or Tier 2 procedures. The purpose of Tier 1 is to conduct a screen using Phase I ESA-type information to determine if a VEC exists at the target property. If the Tier 1 screen cannot rule out the possibility of a VEC existing at the target property, then a Tier 2 screen can be conducted. Tier 2 applies numeric screening criteria to existing or newly collected soil, soil gas, and/or groundwater testing results to evaluate whether or not a VEC can be ruled out. Tier 2 has two data collective components: non-invasive and invasive.

Tier 1 screening begins with the default area of concern (AOC) defined by the approximate minimum search distances adjusted as appropriate for local conditions, and then determining if known or suspected contaminated properties with contaminants of concern (COCs) exist within the established AOC. The default AOC is one third of a mile around the TP for COCs and one-tenth of a mile for petroleum hydrocarbon COCs. The AOC is measured from the TP boundary to a contaminated property with known or suspected COC contamination of soil or groundwater or both. The default AOC may be expanded or reduced by the environmental professional (adjusted AOC) using experience and professional judgment, based on factors like groundwater flow direction, subsurface characteristics, surficial features and man-made features.

If groundwater flow direction is known or can be inferred from the Phase I ESA investigation of the TP, the default AOC in the down-gradient direction may be reduced to the area within the critical distance of 100 feet. The AOC in the cross-gradient direction may also be reduced, depending upon the critical distance and the width of the COC-contaminated plume associated with a known or likely COC-contaminated property located in a cross-gradient direction from the TP. The critical distance is the lineal distance in any direction between the

nearest edge of the contaminated plume and the nearest TP boundary, and is equal to 100 feet for COCs or 30 feet for dissolved petroleum hydrocarbon COCs.

For a COC-contaminated property identified in Tier 1 located down-gradient from the TP, it is not necessary to have information on migrating groundwater contaminated plume dimensions as the critical distance is measured from the nearest TP boundary to the source of contamination at the off-site down-gradient property. In this case, the AOC may be reduced to the area within the critical distance.

For a contaminated property identified in Tier 1 located crossgradient from the TP, the AOC will be the area within the critical distance plus one half of a reasonable estimation of the contaminated plume width (at the point nearest the closest TP boundary) that might be associated with the nearby known or suspected COC-contaminated property (that is, the COC-contaminated property where the groundwater contamination originated). The environmental professional's judgment and experience can be used to estimate the width of the COC-contaminated plume that might be associated with the nearby known or suspected COC-contaminated property. If it is not possible to estimate the contaminated plume width, then the AOC cannot be reduced in the cross-gradient direction.

Citadel reviewed information provided by EDR regarding nearby properties to evaluate for potential on-Site vapor encroachment concerns from off-site sources. According to EDR, historical releases of petroleum products from a leaking underground storage tank (LUST) occurred within 0.25-mile and upgradient of the Site. Flood Park (SMCO), located at 215 Bay Road, is listed as a LUST site. According to EDR, the property adjoins the Site to the south and the gasoline leak was discovered in December 1987. The case was completed and closed by the San Mateo County Division of Environmental Health Services (DEHS) on September 10, 1997. The LUST case is further discussed below in Section 6.3.

No properties were identified on the Historical Gas Station and Dry Cleaners databases as within 0.125-mile and upgradient, 365 feet and cross-gradient, or 100 feet and downgradient of the Site.

A copy of the vapor encroachment screen provided by EDR is included as Appendix L.

6.3 REGULATORY AGENCIES

Local and state agencies, such as environmental health departments, fire prevention bureaus, and building and planning departments are contacted to identify any current or previous reports of hazardous materials use, storage, and/or unauthorized releases that may have impacted the Site.

BUILDING DEPARTMENT

Citadel contacted the County of Santa Mateo Planning and Building Department for information regarding the Site in order to identify historical tenants and property use. Please see Section 5.2 for further discussion.

DIVISION OF ENVIRONMENTAL HEALTH SERVICES

The DEHS Hazardous Materials Division (HMD) is the Certified Unified Program Agency (CUPA) for San Mateo County and is responsible for regulating facilities that: handle or store hazardous materials, are part of the California Accidental Release Prevention Program, generate or treat

hazardous wastes, store at least 1,320 gallons of aboveground petroleum, and own or operate USTs. Citadel reviewed the Online Public Records System for DEHS records. The Site was not identified in the database; however, Citadel submitted an environmental records request to the DEHS. A permit to install one groundwater monitoring well for a geotechnical investigation to 40 feet bgs in the southeast portion of the Site was issued in January 2021. A permit for the destruction of the groundwater monitoring well via pressure grouting was issued in April 2022. According to the Monitoring Well Log and Construction Diagram, groundwater was encountered approximately 18 to 19 feet bgs. Based on the permits provided, the previous presence of the groundwater monitoring well is not expected to represent a significant environmental concern.

CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY

The California EPA (CalEPA) Regulated Site Portal combines data of environmentally regulated sites and facilities in California into a single, searchable database. The portal provides an overview of regulated activities across the spectrum of environmental programs for any given location in California. These activities include hazardous materials and waste, state and federal cleanups, impacted ground and surface waters, and toxic materials. Citadel reviewed the Site Portal. The Site was not identified in the database.

AIR QUALITY MANAGEMENT DISTRICT

Citadel reviewed information available on-line through the Bay Area Air Quality Management District's Interactive Data Maps. The Site was not identified on the database.

REGIONAL WATER QUALITY CONTROL BOARD

The GeoTracker Database is the California State Water Resources Control Board's (SWRCB) Internet-accessible database system used by the SWRCB, regional boards, and local agencies to track and archive compliance data from authorized or unauthorized discharges of waste to land, or unauthorized releases of hazardous substances from underground storage tanks. According to GeoTracker, Flood Park (SMCO), located at 215 Bay Road, the adjoining property south of the Site, is listed as a LUST Cleanup Site. According to information provided by GeoTracker, a 750-gallon gasoline UST was removed from the property in 1986 as part of a park remodeling program. The former UST was located approximately 0.17 mile west-southwest of the Site. According to reviewed documents, soil samples collected beneath the UST revealed petroleum product contamination. Two borings were advanced adjacent to the former tank excavation in December 1987 to assess the extent of the contamination and were converted to groundwater monitoring wells. Floating petroleum product was reported in both groundwater monitoring wells.

According to the San Mateo County Remedial Oversight Program Case Closure Memorandum for Flood Park, total petroleum hydrocarbons as gasoline (TPHg) and benzene, toluene, ethylbenzene, and xylene (BTEX) were not detected in the groundwater samples collected from both groundwater monitoring wells in October 1990. Additional sampling in August 1991 reported no free product but minor dissolved hydrocarbons above detection limits. In April 1992, six temporary borings were installed to determine the possible migration of contaminants downgradient. Three additional borings were advanced in December 1992, approximately 100 feet downgradient to Hedge Road in attempt to chase the plume; TPHg and BTEX were not detected in the collected groundwater samples. Quarterly monitoring continued until May 1994. Due to the alluvial fan deposits and coarse-grained materials in the area of the wells and borings, it appeared that the free and dissolved phase hydrocarbons had migrated away from

the area. According to the memorandum, no remaining groundwater contamination existed in the immediate area and in downgradient areas over 250 feet away, and no further investigation, remedial/removal action, or monitoring was required at the property. According to the Well Abandonment Report prepared by Cambria Environmental Technology, Inc., the four monitoring wells were abandoned on July 19, 1997. The case was completed and closed by the DEHS on September 10, 1997. Based on the distance and closure status, this property is not a significant environmental concern.

7.0 DATA GAPS

A data gap is a lack of or inability to obtain information despite good faith efforts to gather such information. A data failure is a failure to achieve the historical research objectives even after reviewing the standard historical sources that are reasonably ascertainable and likely to be useful.

The following data gaps have been identified during the course of this investigation:

- Additional governmental agencies that are not included in the Government Records report may maintain information regarding environmental conditions at the Site and nearby facilities.

With regard to these data gaps, Citadel believes that the most significant potential sources for on-site contamination have been identified during the current investigation and the Phase I ESA was performed in compliance with all appropriate inquiry, published in 40 CFR 312.

8.0 FINDINGS

Citadel was contracted by Alliant Strategic Development (Client) to perform a Phase I ESA of the property located at 320 Sheridan Drive, in the City of Menlo Park, San Mateo County, California; hereinafter referred to as the "Site."

Current Site Conditions

The Site consists of one vacant parcel with concrete floor slabs throughout the Site and a trash enclosure in the north portion of the Site. Access to the Site parking areas is near the west boundary of the Site along Sheridan Drive. Sheridan Drive ends as an entrance to the Site. At the time of the Site reconnaissance, the Site was vacant and unoccupied.

No stationary equipment was observed at the Site. In general, the Site appeared to be moderately maintained. Citadel observed debris consisting of old carpet, tiles, an old basketball hoop, and rotting picnic tables throughout the Site. While the presence of debris is not expected to represent a significant environmental concern, the observed debris should be properly disposed of off-Site.

Site History

A review of historical sources showed that the Site was undeveloped as early as 1897 until at least 1953 with the development of two large structures as part of James E. Flood School. An additional structure in the south central portion of the Site appeared developed by 1958, and a small structure appeared developed in the southwest corner of the Site by 1991. All the Site

structures appeared to have been demolished by 2020. The Site was generally occupied as a school from as early as 1953 until 2015.

The Site was occupied as James E. Flood School from 1969 to 2005; Redwood High School in 1978; Flood Park Alternative School and Union High School in 1981; Ravenswood City School from 1992 to 2000; Rivercom Web Services in 2005; and Center for a New Generation in 2010.

Environmental Databases

The Site was identified on the HAZNET and the HWTS databases. HWTS is the DTSC's data repository for hazardous waste identification and manifest information. The Site was identified on these databases for generating other organic solids in 2004. The Site was also identified on the San Mateo County BI, which is a list that includes Hazardous Materials Business Plans, hazardous waste generators, and USTs. The Site is listed on the BI list as an inactive facility under the stormwater program. Based on a lack of reported spills, leaks, or violations, this listing is not considered to represent a significant environmental concern.

Citadel reviewed information provided by EDR regarding nearby properties to evaluate for potential on-Site vapor encroachment concerns from off-site sources. According to EDR, historical releases of petroleum products from a LUST occurred within 0.25-mile and upgradient of the Site. Flood Park (SMCO), located at 215 Bay Road, is listed as a LUST site. According to EDR, the property adjoins the Site to the south and the gasoline leak was discovered in December 1987. The case was completed and closed by the San Mateo County DEHS on September 10, 1997.

No properties were identified on the Historical Gas Station and Dry Cleaners databases as within 0.125-mile and upgradient, 365 feet and cross-gradient, or 100 feet and downgradient of the Site.

Environmental Databases

The DEHS HMD is the CUPA for San Mateo County and is responsible for regulating facilities that: handle or store hazardous materials, are part of the California Accidental Release Prevention Program, generate or treat hazardous wastes, store at least 1,320 gallons of aboveground petroleum, and own or operate USTs. Citadel reviewed the Online Public Records System for DEH records. The Site was not identified in the database; however, Citadel submitted an environmental records request to the DEHS. A permit to install one groundwater monitoring well for a geotechnical investigation to 40 feet bgs in the southeast portion of the Site was issued in January 2021. A permit for the destruction of the groundwater monitoring well via pressure grouting was issued in April 2022. According to the Monitoring Well Log and Construction Diagram, groundwater was encountered approximately 18 to 19 feet bgs. Based on the permits provided, the previous presence of the groundwater monitoring well is not expected to represent a significant environmental concern.

9.0 CONCLUSIONS AND RECOMMENDATIONS

According to ASTM Standard of Practice E1527-13, recognized environmental conditions (REC) fall under three specific categories when evaluating a site or properties within the site vicinity. These categories are defined below.

A REC means the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to any release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment. De minimis conditions are not recognized environmental conditions.

A CREC, is a recognized environmental condition resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority), with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls).

An HREC, is a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls).

According to ASTM E2600-10, the goal of conducting a vapor encroachment screening on a parcel of property is to identify a vapor encroachment condition (VEC), which is the presence or likely presence of chemicals of concern vapors in the subsurface of the target property caused by the release of vapors from contaminated soil or groundwater or both either on or near the target property as identified by Tier 1 or Tier 2 procedures. The purpose of Tier 1 is to conduct a screen using Phase I ESA-type information to determine if a VEC exists at the target property. If the Tier 1 screen cannot rule out the possibility of a VEC existing at the target property, then a Tier 2 screen can be conducted. Tier 2 applies numeric screening criteria to existing or newly collected soil, soil gas, and/or groundwater testing results to evaluate whether or not a VEC can be ruled out. Tier 2 has two data collective components: non-invasive and invasive.

Based on a review of historical and present records, and Site reconnaissance, Citadel believes that sufficient information was collected and evaluated for the Site to determine if a REC, HREC, CREC, or a de minimis condition exists. Based on our review, reported release incidents that would represent RECs in connection with the Site or a source of a release that would be likely to contribute to a VEC was not identified. No evidence for designating the Site as a REC, HREC, or CREC from reviews of historic documents and present Site conditions was found.

10.0 LIMITATIONS

The information and opinions rendered in this report are exclusively for use by the Client. Citadel will not distribute this report without the Client's written consent, except as may be required by law or court order. The recommendations expressed in this report took into consideration the purpose and scope of this limited assignment. We accept responsibility for the competent performance of our duties in executing the assignment and preparing this report in accordance with the normal standards of our profession but disclaim any responsibility for consequential damages resulting from inaccuracies in information provided by the Client, federal, state, county, or local regulatory agencies.

11.0 DISCLAIMER

The services performed by Citadel Environmental Services, Inc. ("Citadel"), d.b.a. Citadel EHS, in connection with this Report were performed in accordance with generally and currently accepted engineering practices and principles; provided, however, Citadel completed such services as directed by the Client and the recommendations described in this Report are therefore limited in purpose and scope. The procedures and methodologies used by Citadel in its performance of services, and the recommendations contained herein, are not intended to meet the requirements under any specific laws or regulatory guidelines unless expressly set forth in the Proposal.

The recommendations and conclusions set forth in this Report are based on information and data available to Citadel during the course of its performance of the services. Citadel relied on the information and data provided by or on behalf of Client, including, if applicable, historical and present operations, conditions and test data, and Citadel assumed all such information and data was correct and complete. Citadel shall not be liable for any damages or losses resulting from inaccuracies of, or omissions from, information or data provided by or on behalf of the Client, any interested third-parties, or any federal, state, county, or local governmental authority, or otherwise available in the public domain.

The information contained in this Report and conclusions resulting therefrom are based solely on information available to Citadel at the time of its performance of services, and from observations and perceived conditions and materials existing on the date of Citadel's limited survey of the site, if applicable. Citadel disclaims any inaccuracy in the Report as a result of any part or parcel of property to which Citadel was not provided access, or which was concealed, including, but not limited to, wall cavities/chases, ceiling plenums, below floor finishes, crawlspaces, below grade, beneath existing structures, or behind electrical panels.

The findings and recommendations presented in this Report are based upon observations of present conditions and may not necessarily indicate future conditions. No conclusions should be construed or inferred other than those expressly stated in this Report. EXCEPT FOR ANY WARRANTIES EXPRESSLY SET FORTH IN THE PROPOSAL OR OTHER WRITTEN AGREEMENT BETWEEN CITADEL AND CLIENT, CITADEL MAKES NO WARRANTIES HEREUNDER WITH RESPECT TO ANY INFORMATION CONTAINED IN THIS REPORT, EXPRESS OR IMPLIED, AND CITADEL HEREBY DISCLAIMS ALL OTHER WARRANTIES.

All testing and remediation methods have reliability limitations and no method nor number of sampling locations can guarantee that a hazard will be discovered if contamination or other evidence of the hazard is not encountered within the performance of the services as authorized. Reliability of testing or remediation varies according to the sampling frequency and other service variables that were selected by Client. Citadel shall not be at fault or liable for any such limitations.

The information and opinions rendered in this report are exclusively for use and reliance by the Client. The information contained herein may not be used, disclosed, or copied without written permission of the Client and may not be relied upon without the written permission of Citadel.

12.0 REFERENCES

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13.0 PROFESSIONAL CERTIFICATION

Citadel has completed a Phase I ESA of the property located at 320 Sheridan Drive, in the City of Menlo Park, San Mateo County, California. The Phase I ESA was performed at the Clients request in accordance with the American Society for Testing and Materials (ASTM) Standard of Practice E1527-2013 and the standards of care and diligence normally practiced by recognized consulting firms in performing services of a similar nature.

The independent conclusions represent our professional judgment based on information and data available to Citadel during the course of this project. Information regarding historical and present operations, conditions and test data provided by the Client or their representative, is assumed to be correct and complete. The conclusions presented by this Phase I ESA are based on information provided to Citadel and from observations and perceived conditions existing on the date of the site reconnaissance.

In expressing the opinions stated in this report, Citadel has exercised the degree of skill and care ordinarily exercised by a reasonable prudent environmental professional. Documentation provided by the Client, Client-designated representatives, interested third-parties, or from the public domain, and referenced in preparation of the Phase I ESA report, have been assimilated with the understanding that Citadel assumes no responsibility or liability for their accuracy.

Report Prepared by:

Annie Liu
Staff Environmental Specialist

Report Reviewed by:

Shirley Lee
Senior Staff Environmental Specialist

I declare that to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined by the final All Appropriate Inquiry (AAI) Rule published in 40 CFR Part 312.10 (November 1, 2013). I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting described in this Phase I ESA. I have developed and performed the AAI in conformance with the standard and care of this Rule.

Mark Drollinger, M. Eng., CSP, CHMM
Principal, Engineering and Environmental Sciences

Citadel Employee Since:
2011

Entered the Industry:
1985

Education
University of Alabama
Tuscaloosa, Alabama
Bachelor of Science,
Applied and Natural Sciences
1995

University of Alabama
Birmingham, Alabama
Masters Degree,
Advanced Safety Engineering and Management
2013

Professional Certifications & Affiliations

Certified Asbestos Consultant (CAC) No. 08-4459

Certified Environmental Manager, Nevada EM-1573

Certified Hazardous Material Manager, No. 14793

Certified Microbial Consultant, No. 0612024

Certified Professional in Erosion and Sediment Control No. 6349

Certified Safety Professional No. 21635

California Department of Public Health (CDPH), Lead Related Construction No. 19805

Engineer-In-Training, No. XEO93314

OSHA 8-Hour Supervisor Hazardous Waste Operations (HAZWOPER)

OSHA 30-Hour Safety for Construction

OSHA 40-Hour Hazardous Waste Operations (HAZWOPER)

Qualified Storm Water Developer, No. 682

Radon Measurement Specialist, No. 11SS027

USACE/NavFac Construction Quality Management for Contractors

Mark Drollinger, MEng, CSP, CHMM, EiT

Director of Environmental Geology & Engineering

EXPERIENCE

With over **35 years** of experience in environmental engineering, compliance, permitting and management projects, Mr. Drollinger has a strong working knowledge of EPA, DTSC, AQMD/APCD, OSHA and DOT regulations; and with local agencies, fire departments and public works. Mr. Drollinger has provided environmental engineering, assessment and compliance, safety management, and engineering construction management services on numerous projects for the US Navy, Veterans Administration, US Department of Agriculture, Cal Trans, EPA and numerous private projects throughout the western United States. In addition, Mr. Drollinger has developed and implemented programs to train managers and staff in storm water and NPDES compliance, soil and groundwater sample collection and data interpretation, Hazcomm, IIPP, and safe-work practices such as identifying and handling hazardous materials, fall protection, confined space, traffic control, LO/TO and ergonomics; and has conducted environmental and permitting audits of facilities including health and safety assessments.

ROLE

As Director of Environmental Geology & Engineering, Mr. Drollinger's primary responsibility includes developing and implementing health and safety protocols; safety training of management, staff and subcontractor personnel; establishing and managing budgets and personnel; negotiating with local, regional, state, and federal agencies; litigation support; and coordinating tasks with multi-discipline project teams.

Mr. Drollinger works closely with, and often develops protocols for conducting assessments related to Environmentally Regulated Materials Management (ERM), Industrial Hygiene (IH), and Occupational Safety and Training (OST) departments.

EDUCATION

Mr. Drollinger has a B.S. in Applied and Natural Sciences from the University of Alabama, and a M.Eng. in Advanced Safety Engineering and Management, University of Alabama, Birmingham.

Mr. Drollinger is also a certifying board member of the American Council of Accredited Certifications (formerly known as the American Indoor Air Quality Council), and is a member of the American Society of Safety Engineers, Board of Certified Safety Professionals, Institute of Hazardous Materials Management, Institute of Industrial Engineers and International Facilities Management Association.

Citadel Employee Since:
2007

Entered the Industry:
2007

Education
University of California, Irvine
Irvine, California
Bachelor of Arts, Environmental Analysis and Design, 2006

Professional Certifications & Affiliations

40-hour HAZWOPER General Site Worker

EMS Safety CRP and First Aid

EPA / AHERA Accredited Asbestos Contractor Supervisor / Building Inspector

University of California, Irvine, Environmental Management Certifcation

Shirley Lee

Environmental Specialist, Environmental Geology and Engineering

EXPERIENCE

Ms. Lee has **12 years** of experience as an Environmental Specialist. Her responsibilities includes performing Phase I and Phase II Environmental Site Assessments, NPDES monitoring and permitting, groundwater monitoring, indoor air quality inspections, hazardous materials inventory, and preparation of health and safety plans and hazardous materials business and contingency plans.

ROLE

As an Environmental Specialist, Ms. Lee provides on-site organization, direction, control, and coordination necessary for the successful implementation, execution, and completion of environmental geology and environmental compliance-related projects awarded to Citadel. She also assists the Director of Environmental Geology and Engineering in the completion of all assigned projects so that the client is satisfied with the finished work product and the working relationship. Her assignments include a combination of field-based activities in a number of varying environments and office-based activities.

EDUCATION

Ms. Lee holds a Bachelor of Arts in Environmental Analysis and Design from the University of California, Irvine; with a minor in Urban and Regional Planning. Ms. Lee also holds a 40-hour HAZWOPER General Site Worker Certification. She has recently received her Environmental Management Certification from the University of California, Irvine.

Citadel Employee Since:
2021

Entered the Industry:
2018

Education
University of California, Irvine
Irvine, California
Bachelor of Arts
Environmental Science, 2019

Professional Certifications & Affiliations

40-Hour HAZWOPER General Site Worker

American Red Cross CPR and First Aid

California UST System Operator (Designated) No. 9767704

Annie Liu

Staff Environmental Specialist, Engineering and Environmental Science

EXPERIENCE

Ms. Liu has over four **years** of in the environmental consulting services industry. Her responsibilities include performing Phase I and Phase II Environmental Site Assessments, preparing health and safety plans, preparing NPDES reports, conducting Designated UST Operator Visual Inspections, conducting soil and air monitoring, and collecting soil and wastewater samples for various environmental compliance projects.

ROLE

As a Project Assistant for the Engineering and Environmental Sciences Department, Ms. Liu provides direct support to the Project Managers and Principals. She assists with the completion of all assigned proposals and projects so that the client is satisfied with the finished work product and the working relation. Her assignments include a combination of field-based activities in a number of varying environments and office-based activities.

EDUCATION

Ms. Liu graduated with a Bachelor of Arts in Environmental Science from the University of California, Irvine (UCI). Ms. Liu also holds a 40-hour HAZWOPER General Site Worker Certification.

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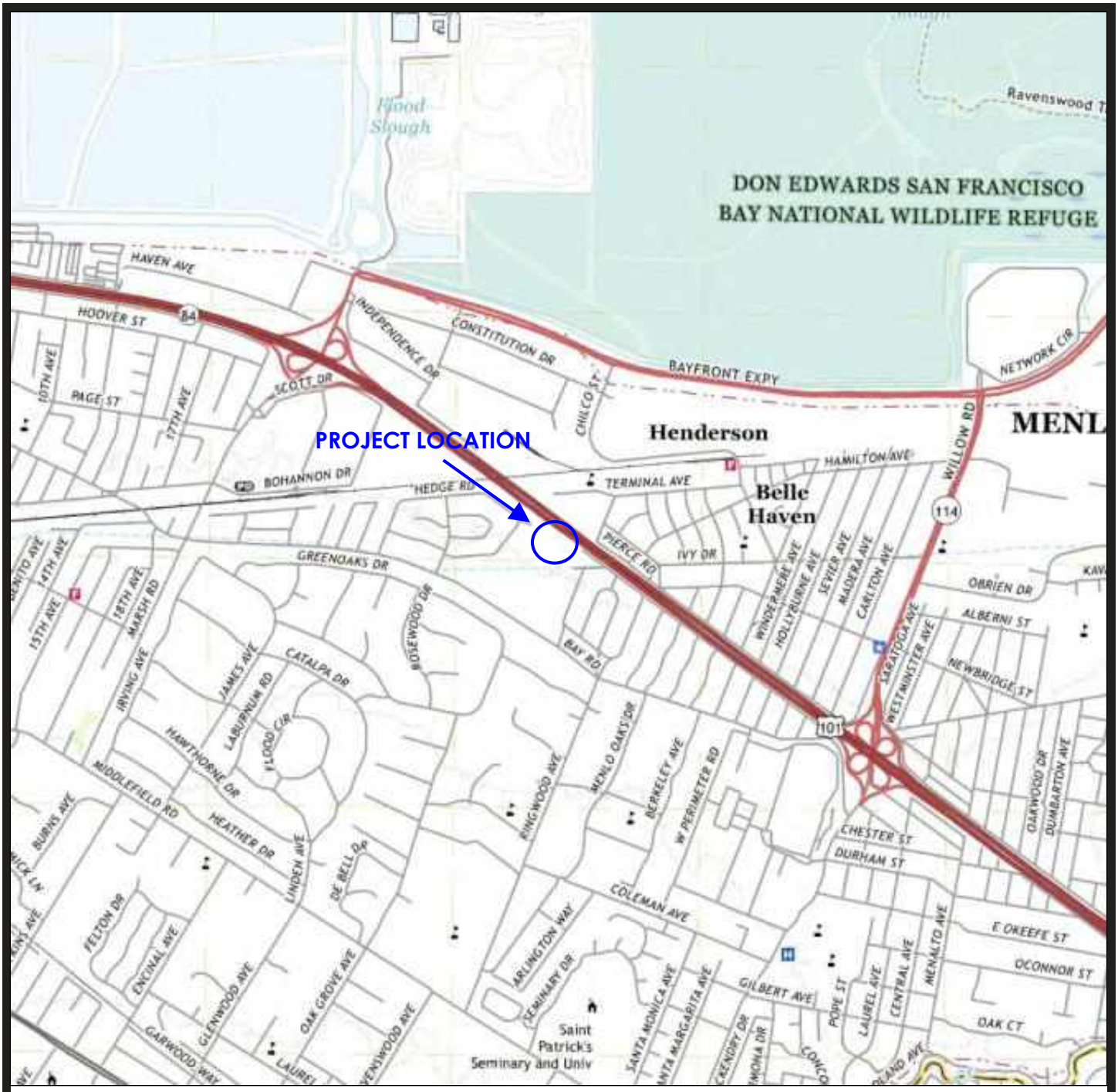
Appendix A
Figures



Source: EDR, Palo Alto Quadrangle, 2018, 7.5 Minute Series

N

Not to Scale

CITADEL EHS
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ALLIANT STRATEGIC DEVELOPMENT

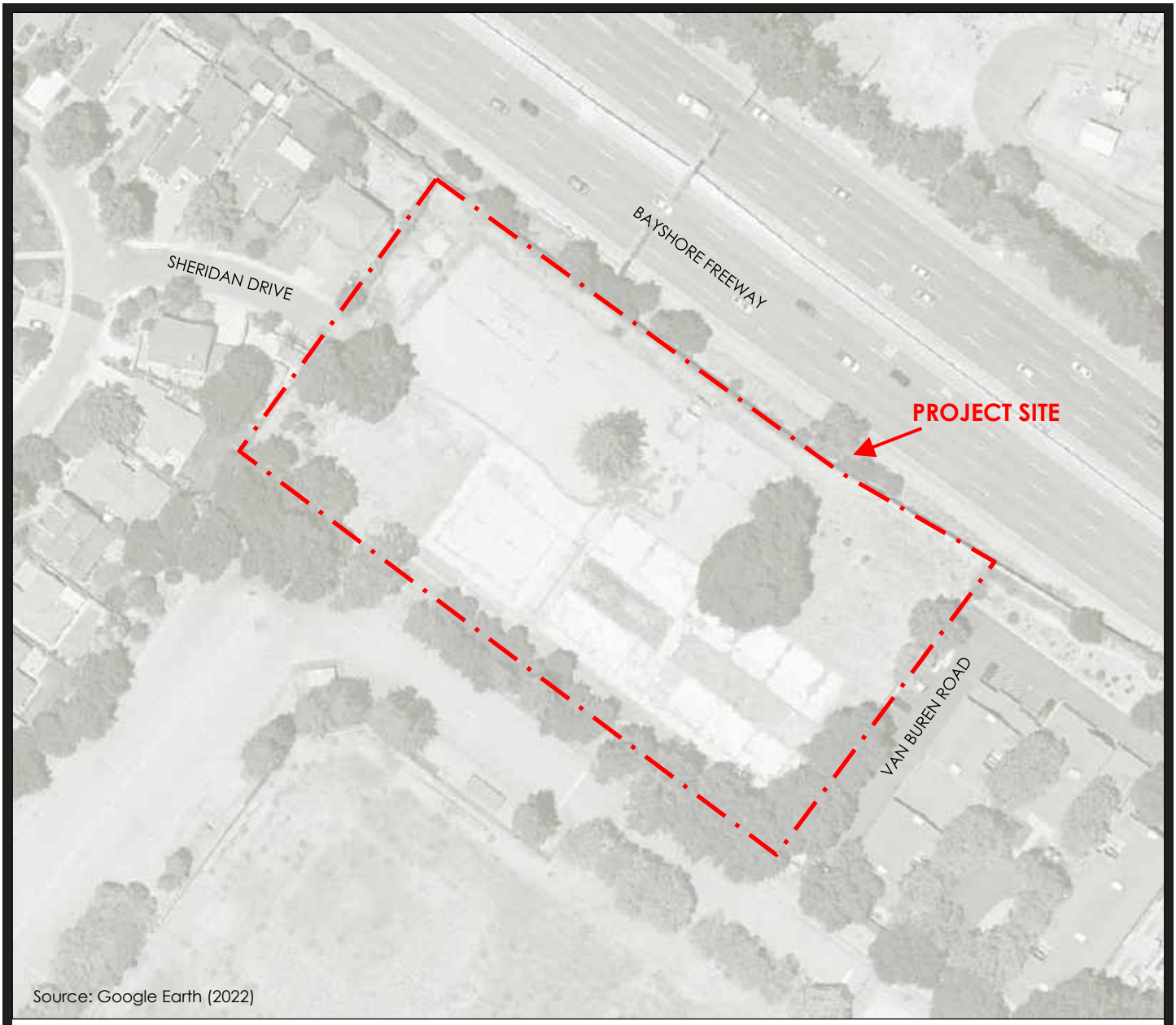
320 Sheridan Drive
Menlo Park, California

Figure 1

PROJECT NO.: 1485.1029.0

DATE: APRIL 2023

Topographic Map



N

Not to Scale

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ALLIANT STRATEGIC DEVELOPMENT

320 Sheridan Drive
Menlo Park, California

Figure 2

PROJECT NO.: 1485.1029.0

DATE: APRIL 2023

Site Map

Appendix B
Photographs

PHOTO LOG

PHOTO 1: View of the entrance of the Site along Sheridan Drive, looking southeast.

PHOTO 2: View of adjoining properties northwest of the Site, looking northwest.

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Alliant Strategic Development

320 Sheridan Drive
Menlo Park, California

Citadel Project No. 1485.1029.0

PHOTO LOG

PHOTO 3: View of adjoining properties northwest of the Site, looking northwest.

PHOTO 4: View of barrier wall between the Site and Bayshore Freeway, looking northeast.

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Alliant Strategic Development

320 Sheridan Drive
Menlo Park, California

Citadel Project No. 1485.1029.0

PHOTO LOG

PHOTO 5: View of adjoining property southeast of the Site, looking southeast.

PHOTO 6: View of the adjoining property south of the Site, looking southwest.

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320 Sheridan Drive
Menlo Park, California

Citadel Project No. 1485.1029.0

PHOTO LOG

PHOTO 7: View of subject property, with remnant concrete building floor slab.

PHOTO 8: View of large asphalt-paved exterior field, looking east.

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Alliant Strategic Development

320 Sheridan Drive
Menlo Park, California

Citadel Project No. 1485.1029.0

PHOTO LOG

PHOTO 9: View of large remnant concrete building floor slabs in the southwestern portion of the Site, looking southeast.

PHOTO 10: View of remnant concrete building floor slab, looking northeast.

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320 Sheridan Drive
Menlo Park, California

Citadel Project No. 1485.1029.0

PHOTO LOG

PHOTO 11: View of small pile of building debris consisting of floor carpeting, looking northeast.

PHOTO 12: Storm drain access manhole observed in the northeast portion of the Site.

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320 Sheridan Drive
Menlo Park, California

Citadel Project No. 1485.1029.0

PHOTO LOG

PHOTO 13: View of overhead power pole in the southwest portion of the Site, looking southwest.

PHOTO 14: View of old picnic tables in the west corner of Site, looking northwest.

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320 Sheridan Drive
Menlo Park, California

Citadel Project No. 1485.1029.0

Appendix C
EDR Aerial Photographs

320 Sheridan Drive

320 Sheridan Drive

Menlo Park, CA 94025

Inquiry Number: 7302428.11

April 07, 2023

The EDR Aerial Photo Decade Package

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

04/07/23

Site Name:

320 Sheridan Drive
320 Sheridan Drive
Menlo Park, CA 94025
EDR Inquiry # 7302428.11

Client Name:

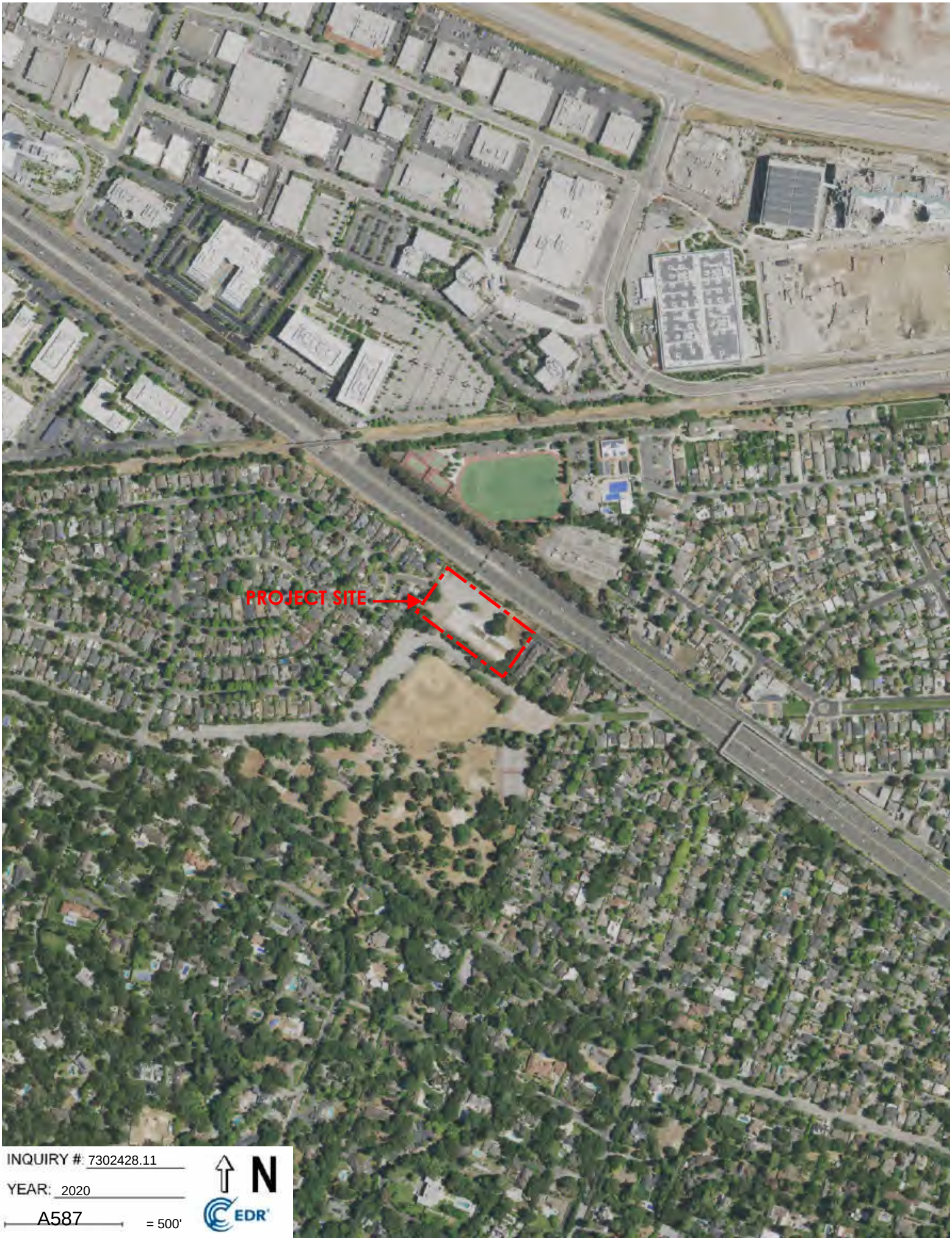
Citadel Environmental Services
1725 Victory Boulevard
Glendale, CA 91201
Contact: Annie Liu

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

Search Results:

Year	Scale	Details	Source
2020	1"=500'	Flight Year: 2020	USDA/NAIP
2012	1"=500'	Flight Year: 2012	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2005	1"=500'	Flight Year: 2005	USDA/NAIP
1998	1"=500'	Flight Date: August 27, 1998	USDA
1991	1"=500'	Acquisition Date: January 01, 1991	USGS/DOQQ
1982	1"=500'	Flight Date: July 05, 1982	USDA
1974	1"=500'	Flight Date: June 26, 1974	USGS
1968	1"=500'	Flight Date: June 14, 1968	USGS
1963	1"=500'	Flight Date: June 23, 1963	EDR Proprietary Aerial Viewpoint
1958	1"=500'	Flight Date: July 21, 1958	USGS
1950	1"=500'	Flight Date: April 03, 1950	USDA
1948	1"=500'	Acquisition Date: September 26, 1948	USGS/DOQQ
1943	1"=500'	Flight Date: October 05, 1943	USDA

When delivered electronically by EDR, the aerial photo images included with this report are for ONE TIME USE ONLY. Further reproduction of these aerial photo images is prohibited without permission from EDR. For more information contact your EDR Account Executive.


PROJECT SITE
INQUIRY #: 7302428.11
YEAR: 2020
A587
= 500'
N
EDR


PROJECT SITE
INQUIRY #: 7302428.11
YEAR: 2012
A588
= 500'
N
EDR

INQUIRY #: 7302428.11

YEAR: 2009

A589 = 500'

N

EDR

INQUIRY #: 7302428.11

YEAR: 2005

A590 = 500'

N

EDR

INQUIRY #: 7302428.11

YEAR: 1998

A591 = 500'

N

EDR

INQUIRY #: 7302428.11

YEAR: 1991

A592 = 500'

N

EDR

INQUIRY #: 7302428.11

YEAR: 1982

A593 = 500'

N

EDR

INQUIRY #: 7302428.11

YEAR: 1974

A594 = 500'

N

EDR

INQUIRY #: 7302428.11

YEAR: 1968

A595 = 500'

N

EDR

INQUIRY #: 7302428.11

YEAR: 1963

A596 = 500'

N

EDR

INQUIRY #: 7302428.11

YEAR: 1958

A597 = 500'

N

EDR


PROJECT SITE
INQUIRY #: 7302428.11
YEAR: 1950
A598
= 500'
N
EDR

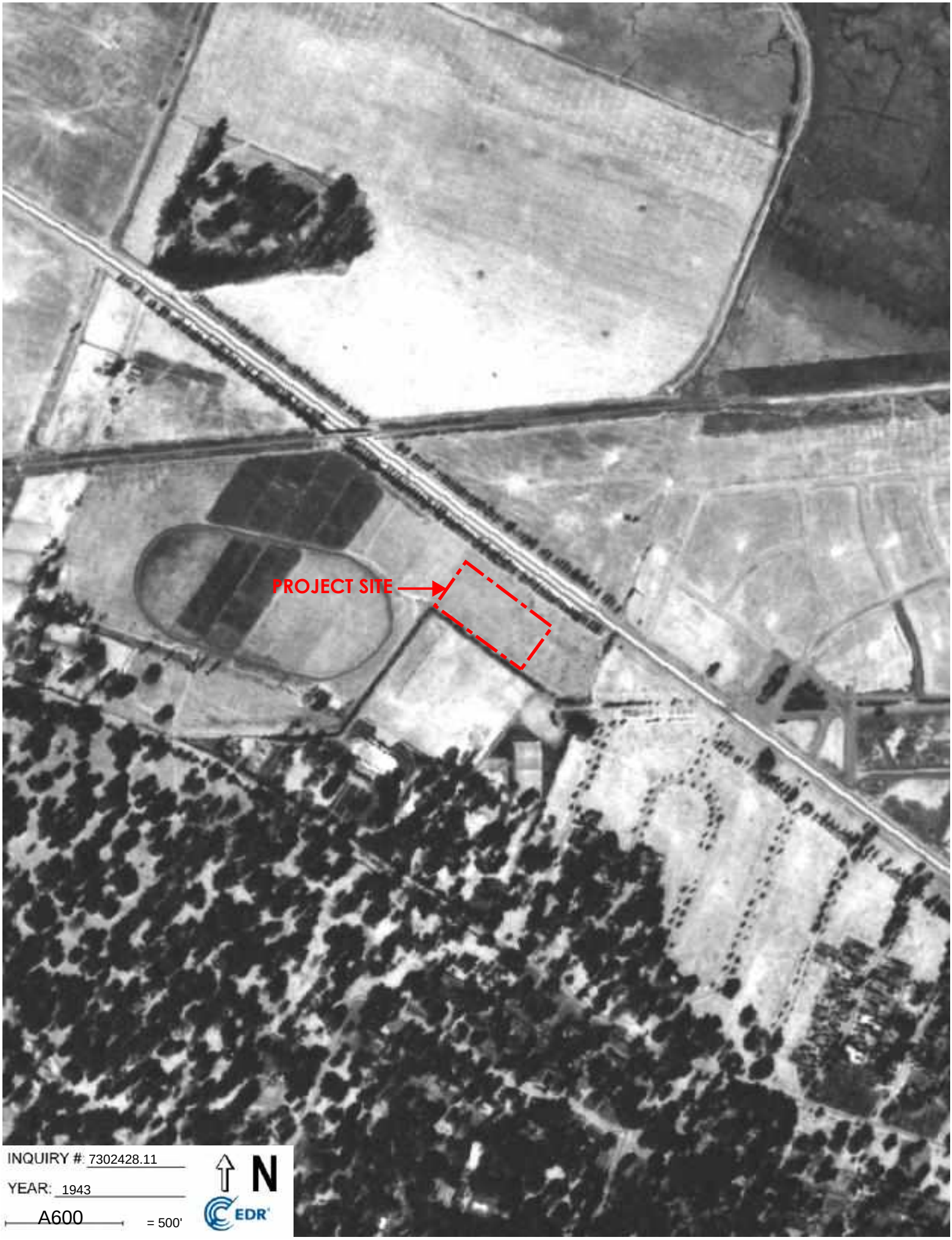
INQUIRY #: 7302428.11

YEAR: 1948

A599 = 500'

N

EDR



INQUIRY #: 7302428.11

YEAR: 1943

A600 = 500'

N

EDR

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Appendix D
EDR Building Permit Report

A601

320 Sheridan Drive
320 Sheridan Drive
Menlo Park, CA 94025

Inquiry Number: 7302428.8
April 07, 2023

EDR Building Permit Report

Target Property and Adjoining Properties

Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

TABLE OF CONTENTS

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About This Report

Executive Summary

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Glossary

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

EDR BUILDING PERMIT REPORT

About This Report

The EDR Building Permit Report provides a practical and efficient method to search building department records for indications of environmental conditions. Generated via a search of municipal building permit records gathered from more than 1,600 cities nationwide, this report will assist you in meeting the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

Building permit data can be used to identify current and/or former operations and structures/features of environmental concern. The data can provide information on a target property and adjoining properties such as the presence of underground storage tanks, pump islands, sumps, drywells, etc., as well as information regarding water, sewer, natural gas, electrical connection dates, and current/former septic tanks.

ASTM and EPA Requirements

ASTM E 1527-13 lists building department records as a "standard historical source," as detailed in § 8.3.4.7: "Building Department Records - The term building department records means those records of the local government in which the property is located indicating permission of the local government to construct, alter, or demolish improvements on the property." ASTM also states that "Uses in the area surrounding the property shall be identified in the report, but this task is required only to the extent that this information is revealed in the course of researching the property itself."

EPA's Standards and Practices for All Appropriate Inquires (AAI) states: "§312.24: Reviews of historical sources of information. (a) Historical documents and records must be reviewed for the purposes of achieving the objectives and performance factors of §312.20(e) and (f). Historical documents and records may include, but are not limited to, aerial photographs, fire insurance maps, building department records, chain of title documents, and land use records."

Methodology

EDR has developed the EDR Building Permit Report through our partnership with BuildFax, the nation's largest repository of building department records. BuildFax collects, updates, and manages building department records from local municipal governments. The database now includes 30 million permits, on more than 10 million properties across 1,600 cities in the United States.

The EDR Building Permit Report comprises local municipal building permit records, gathered directly from local jurisdictions, including both target property and adjoining properties. Years of coverage vary by municipality. Data reported includes (where available): date of permit, permit type, permit number, status, valuation, contractor company, contractor name, and description.

Incoming permit data is checked at seven stages in a regimented quality control process, from initial data source interview, to data preparation, through final auditing. To ensure the building department is accurate, each of the seven quality control stages contains, on average, 15 additional quality checks, resulting in a process of approximately 105 quality control "touch points."

For more information about the EDR Building Permit Report, please contact your EDR Account Executive at (800) 352-0050.

EXECUTIVE SUMMARY: SEARCH DOCUMENTATION

A search of building department records was conducted by Environmental Data Resources, Inc (EDR) on behalf of Citadel Environmental Services on Apr 07, 2023.

TARGET PROPERTY

320 Sheridan Drive
Menlo Park, CA 94025

SEARCH METHODS

EDR searches available lists for both the Target Property and Surrounding Properties.

RESEARCH SUMMARY

Building permits identified: **YES**

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

Menlo Park

Year	*Source*	*TP*	*Adjoining*
2019			X
2018			X
2017			X
2016			X
2015			X
2014			X
2013			X
2012			X
2011			X
2010			X
2009			X
2008			X
2007			X
2006			X
2005			X
2004			X
2003			X
2002			
2001			X
2000			X
1999			
1998			
1997			
1996			
1995			
1994			
1993			
1992			

EXECUTIVE SUMMARY: SEARCH DOCUMENTATION

Year	Source	TP	Adjoining
1991			
1990			

San Mateo County Unincorporated Area

Year	Source	TP	Adjoining
2023	San Mateo County, Planning and Building Department		
2022	San Mateo County, Planning and Building Department		
2021	San Mateo County, Planning and Building Department		
2020	San Mateo County, Planning and Building Department		
2019	San Mateo County, Planning and Building Department		
2018	San Mateo County, Planning and Building Department		
2017	San Mateo County, Planning and Building Department		
2016	San Mateo County, Planning and Building Department		
2015	San Mateo County, Planning and Building Department		
2014	San Mateo County, Planning and Building Department		
2013	San Mateo County, Planning and Building Department		
2012	San Mateo County, Planning and Building Department		
2011	San Mateo County, Planning and Building Department		
2010	San Mateo County, Planning and Building Department		
2009	San Mateo County, Planning and Building Department		X
2008	San Mateo County, Planning and Building Department		
2007	San Mateo County, Planning and Building Department		
2006	San Mateo County, Planning and Building Department		
2005	San Mateo County, Planning and Building Department		
2004	San Mateo County, Planning and Building Department		
2003	San Mateo County, Planning and Building Department		
2002	San Mateo County, Planning and Building Department		
2001	San Mateo County, Planning and Building Department		
2000	San Mateo County, Planning and Building Department		
1999	San Mateo County, Planning and Building Department		X
1998	San Mateo County, Planning and Building Department		X
1997	San Mateo County, Planning and Building Department		X
1996	San Mateo County, Planning and Building Department		
1995	San Mateo County, Planning and Building Department		
1994	San Mateo County, Planning and Building Department		X
1993	San Mateo County, Planning and Building Department		
1992	San Mateo County, Planning and Building Department		
1991	San Mateo County, Planning and Building Department		X
1990	San Mateo County, Planning and Building Department		
1989	San Mateo County, Planning and Building Department		
1988	San Mateo County, Planning and Building Department		
1987	San Mateo County, Planning and Building Department		
1986	San Mateo County, Planning and Building Department		
1985	San Mateo County, Planning and Building Department		

EXECUTIVE SUMMARY: SEARCH DOCUMENTATION

Year	Source	TP	Adjoining
1984	San Mateo County, Planning and Building Department		
1983	San Mateo County, Planning and Building Department		
1982	San Mateo County, Planning and Building Department		
1981	San Mateo County, Planning and Building Department		
1980	San Mateo County, Planning and Building Department		
1979	San Mateo County, Planning and Building Department		
1978	San Mateo County, Planning and Building Department		
1977	San Mateo County, Planning and Building Department		

Name: JurisdictionName
Years: Years
Source: Source
Phone: Phone

BUILDING DEPARTMENT RECORDS SEARCHED

Name: San Mateo County Unincorporated Area
Years: 1977-2023
Source: San Mateo County, Planning and Building Department, MENLO PARK, CA
Phone: (650) 363-4161

Name: Menlo Park
Years: 1990-2019
Source: , MENLO PARK, CA
Phone: 650-330-6600

Name: Santa Clara County Unincorporated Area
Years: 1957-2023
Source: Santa Clara County, Development Services Office, SAN JOSE, CA
Phone: (408) 299-5700

TARGET PROPERTY FINDINGS

TARGET PROPERTY DETAIL

320 Sheridan Drive
Menlo Park, CA 94025

No Permits Found

ADJOINING PROPERTY FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

HEDGE RD

244 HEDGE RD

Date:	**11/3/2004**
Permit Type:	**Residential**
Description:	**Sewer pipe repair**
Permit Description:	**Single Family Residential - Repair**
Work Class:	
Proposed Use:	
Permit Number:	BLD2004-01438
Status:	
Valuation:	$6,000.00
Contractor Company:	
Contractor Name:	ROTO ROOTER

248 HEDGE RD

Date:	**11/3/2015**
Permit Type:	**Residential**
Description:	**Replace building sewer line from house to main in street**
Permit Description:	
Work Class:	Repair
Proposed Use:	
Permit Number:	BLD2015-01545
Status:	
Valuation:	$7,000.00
Contractor Company:	
Contractor Name:	JAMES CACCIA PLUMBING INC

ADJOINING PROPERTY FINDINGS

Date:	**6/15/2015**
Permit Type:	**Residential**
Description:	**Remodel 4 bathrooms and the laundry room. No wall alterations, remove and replace.**
Permit Description:	
Work Class:	Alteration
Proposed Use:	
Permit Number:	BLD2015-00802
Status:	
Valuation:	$50,000.00
Contractor Company:	
Contractor Name:	TIM YAEGER

252 HEDGE RD

Date:	**12/23/2014**
Permit Type:	**Residential**
Description:	**New Entry Gable**
Permit Description:	**Single Family Residential - Alteration**
Work Class:	
Proposed Use:	
Permit Number:	BLD2014-01503
Status:	
Valuation:	$3,500.00
Contractor Company:	
Contractor Name:	NOLASCO CONSTRUCTION

ADJOINING PROPERTY FINDINGS

Date:	**9/4/2008**
Permit Type:	**Residential**
Description:	**NOTICE: A SINGLE STORY ADDITION OF 109 SQUARE**
Permit Description:	**Single Family Residential - Addition**
Work Class:	
Proposed Use:	
Permit Number:	BLD2007-00060
Status:	
Valuation:	$21,800.00
Contractor Company:	
Contractor Name:	NOLASCO CONSTRUCTION

256 HEDGE RD

Date:	**8/22/2007**
Permit Type:	**Residential**
Description:	**Reroof**
Permit Description:	**Single Family Residential - Reroof**
Work Class:	
Proposed Use:	
Permit Number:	BLD2007-01214
Status:	
Valuation:	$10,000.00
Contractor Company:	
Contractor Name:	SABER ROOFING INC

ADJOINING PROPERTY FINDINGS

260 HEDGE RD

Date:	**3/5/2019**
Permit Type:	**Residential**
Description:	**Replacement of 30' of 4" pipe burst sewer line at a single family residential home.**
Permit Description:	
Work Class:	Alteration
Proposed Use:	
Permit Number:	BLD2019-00242
Status:	
Valuation:	$4,000.00
Contractor Company:	
Contractor Name:	

Date:	**12/11/2014**
Permit Type:	**Residential**
Description:	**New Furnace**
Permit Description:	**Single Family Residential - Repair**
Work Class:	
Proposed Use:	
Permit Number:	BLD2014-01450
Status:	
Valuation:	$9,291.00
Contractor Company:	
Contractor Name:	VALLEY HEATING & COOLING

ADJOINING PROPERTY FINDINGS

264 HEDGE RD

Date:	**6/16/2014**
Permit Type:	**Residential**
Description:	**Removal of fireplace, eight new outlets, roof repair and**
Permit Description:	**Single Family Residential - Repair**
Work Class:	
Proposed Use:	
Permit Number:	BLD2014-00560
Status:	
Valuation:	$8,750.00
Contractor Company:	
Contractor Name:	TIM YAEGER

Date:	**11/26/2013**
Permit Type:	**Residential**
Description:	**EV Charger Station**
Permit Description:	**Single Family Residential - Alteration**
Work Class:	
Proposed Use:	
Permit Number:	BLD2013-01535
Status:	
Valuation:	$2,450.00
Contractor Company:	
Contractor Name:	ADARY ELECTRIC

Date:	**6/6/2013**
Permit Type:	**Residential**
Description:	**Remove and replace 10 windows, like for like in the**
Permit Description:	**Single Family Residential - Alteration**
Work Class:	
Proposed Use:	
Permit Number:	BLD2013-00763
Status:	
Valuation:	$7,054.00
Contractor Company:	
Contractor Name:	SGK HOME SOLUTIONS

ADJOINING PROPERTY FINDINGS

Date: **9/6/2011**
Permit Type: **Residential**
Description: **Reroof: tear off old roof install radiant barrier sheathing and**

Permit Description: **Single Family Residential - Reroof**
Work Class:
Proposed Use:
Permit Number: BLD2011-01151
Status:
Valuation: $13,300.00
Contractor Company:
Contractor Name: BILL HAMILTON ROOFING

Date: **8/19/2011**
Permit Type: **Residential**
Description: **Photovoltaic solar system**

Permit Description: **Single Family Residential - Alteration**
Work Class:
Proposed Use:
Permit Number: BLD2011-01076
Status:
Valuation: $25,969.00
Contractor Company:
Contractor Name: CLEAN SOLAR

268 HEDGE RD

Date: **10/29/2007**
Permit Type: **Residential**
Description: **Reroof**

Permit Description: **Single Family Residential - Reroof**
Work Class:
Proposed Use:
Permit Number: BLD2007-01546
Status:
Valuation: $9,000.00
Contractor Company:
Contractor Name: GREEN AGAIN LANDSCAPING AND CONCRET

ADJOINING PROPERTY FINDINGS

271 HEDGE RD

Date:	**4/7/2015**
Permit Type:	**Residential**
Description:	**Install Roof-Mounted Solar System**
Permit Description:	
Work Class:	Alteration
Proposed Use:	
Permit Number:	BLD2015-00387
Status:	
Valuation:	$12,650.00
Contractor Company:	
Contractor Name:	SUNWORK

Date:	**3/1/2012**
Permit Type:	**Residential**
Description:	**A second story addition of 964 sq feet and a first floor addition**
Permit Description:	**Single Family Residential - Addition**
Work Class:	
Proposed Use:	
Permit Number:	BLD2011-00417
Status:	
Valuation:	$350,000.00
Contractor Company:	
Contractor Name:	ANTHONY JUAREZ LESSING

ADJOINING PROPERTY FINDINGS

275 HEDGE RD

Date:	**10/29/2010**
Permit Type:	**Residential**
Description:	**3KW Photovoltaic System**
Permit Description:	**Single Family Residential - Alteration**
Work Class:	
Proposed Use:	
Permit Number:	BLD2010-01398
Status:	
Valuation:	$21,205.00
Contractor Company:	
Contractor Name:	CLEAN SOLAR

Date:	**9/27/2010**
Permit Type:	**Residential**
Description:	**Replace 20' of sewer line.**
Permit Description:	**Single Family Residential - Repair**
Work Class:	
Proposed Use:	
Permit Number:	BLD2010-01226
Status:	
Valuation:	$3,300.00
Contractor Company:	
Contractor Name:	SPEEDY ROOTER PLUMBING

ADJOINING PROPERTY FINDINGS

276 HEDGE RD

Date:	**10/31/2012**
Permit Type:	**Residential**
Description:	**SEWERLINE REPLACEMENT, SEWER CLEAN OUT VALVE**
Permit Description:	**Single Family Residential - Repair**
Work Class:	
Proposed Use:	
Permit Number:	BLD2012-01351
Status:	
Valuation:	$4,000.00
Contractor Company:	
Contractor Name:	LINDSTROM CO.

Date:	**9/19/2000**
Permit Type:	**Residential**
Description:	**reroof A-36893**
Permit Description:	**Single Family Residential - Repair**
Work Class:	
Proposed Use:	
Permit Number:	BLD2000-00964
Status:	
Valuation:	$5,800.00
Contractor Company:	
Contractor Name:	MATHER ROOFING

ADJOINING PROPERTY FINDINGS

300 HEDGE RD

Date:	**2/28/2011**
Permit Type:	**Residential**
Description:	**Remove and replace 50 gallon water heater in the garage.**
Permit Description:	**Single Family Residential - Repair**
Work Class:	
Proposed Use:	
Permit Number:	BLD2011-00293
Status:	
Valuation:	$2,000.00
Contractor Company:	
Contractor Name:	AFFORDABLE WATER HEATERS

Date:	**5/19/2004**
Permit Type:	**Residential**
Description:	**Add Air Cond. 3 ton in back yard**
Permit Description:	**Single Family Residential - Alteration**
Work Class:	
Proposed Use:	
Permit Number:	BLD2004-00641
Status:	
Valuation:	$6,497.00
Contractor Company:	
Contractor Name:	REBHOLTZ MECHANICAL

ADJOINING PROPERTY FINDINGS

307 HEDGE RD

Date:	**8/15/2018**
Permit Type:	**Residential**
Description:	**Remove and replace shake wood roof, replace sheathing, and install new TL presidential roof. Required inspections include: Tear off, In progress, and Final**
Permit Description:	
Work Class:	Reroof
Proposed Use:	
Permit Number:	BLD2018-01039
Status:	
Valuation:	$9,350.00
Contractor Company:	
Contractor Name:	

Date:	**1/15/2016**
Permit Type:	**Residential**
Description:	**Copper RePipe on private property, relace all drains under house**
Permit Description:	
Work Class:	Repair
Proposed Use:	
Permit Number:	BLD2016-00090
Status:	
Valuation:	$5,000.00
Contractor Company:	
Contractor Name:	GLADIATOR REPIPE

ADJOINING PROPERTY FINDINGS

Date: **6/24/2015**
Permit Type: **Residential**
Description: **Replace water service line from meter to the house with 1" copper line.**

Permit Description:
Work Class: Repair
Proposed Use:
Permit Number: BLD2015-00864
Status:
Valuation: $1,800.00
Contractor Company:
Contractor Name: TRENCH FREE, INC.

311 HEDGE RD

Date: **12/9/2011**
Permit Type: **Residential**
Description: **Kitchen and Bath Remodel - OTC 6/26/12- remodel master**

Permit Description: **Single Family Residential - Alteration**
Work Class:
Proposed Use:
Permit Number: BLD2011-01500
Status:
Valuation: $50,000.00
Contractor Company:
Contractor Name: ADROIT BUILDERS

Date: **10/11/2010**
Permit Type: **Residential**
Description: **Remove old siding and replace with new plywood, Tyvex wrap**

Permit Description: **Single Family Residential - Alteration**
Work Class:
Proposed Use:
Permit Number: BLD2010-01289
Status:
Valuation: $15,000.00
Contractor Company:
Contractor Name: ELIAS CONSTRUCTION

ADJOINING PROPERTY FINDINGS

312 HEDGE RD

Date:	**10/18/2005**
Permit Type:	**Residential**
Description:	**reroof**
Permit Description:	**Single Family Residential - Reroof**
Work Class:	
Proposed Use:	
Permit Number:	BLD2005-01435
Status:	
Valuation:	$8,000.00
Contractor Company:	
Contractor Name:	CAL STATE ROOFING

315 HEDGE RD

Date:	**2/14/2011**
Permit Type:	
Description:	**Pool demolition**
Permit Description:	**Swimming Pool - Demolition**
Work Class:	
Proposed Use:	
Permit Number:	BLD2011-00210
Status:	
Valuation:	$4,000.00
Contractor Company:	
Contractor Name:	RIVERA LANDSCAPE

ADJOINING PROPERTY FINDINGS

316 HEDGE RD

Date:	**9/2/2008**
Permit Type:	**Residential**
Description:	**REROOF**
Permit Description:	**Single Family Residential - Reroof**
Work Class:	
Proposed Use:	
Permit Number:	BLD2008-01157
Status:	
Valuation:	$10,700.00
Contractor Company:	
Contractor Name:	GOLDEN ROOFING

320 HEDGE RD

Date:	**4/26/2017**
Permit Type:	**Residential**
Description:	**Single family residential kitchen remodel and alteration to 1 bathrooms.**
Permit Description:	
Work Class:	Alteration
Proposed Use:	
Permit Number:	BLD2017-00475
Status:	
Valuation:	$15,000.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

Date:	**12/19/2016**
Permit Type:	**Residential**
Description:	**Install one new furnace and complete duct work**
Permit Description:	
Work Class:	Repair
Proposed Use:	
Permit Number:	BLD2016-01900
Status:	
Valuation:	$7,300.00
Contractor Company:	
Contractor Name:	THU'S HVAC

Date:	**12/13/2016**
Permit Type:	**Residential**
Description:	**Upgrade main electrical panel to 200 AMP, replace recessed lights with LED ground receptacle, replace 4 surface mounted fixtures**
Permit Description:	
Work Class:	Repair
Proposed Use:	
Permit Number:	BLD2016-01864
Status:	
Valuation:	$5,000.00
Contractor Company:	
Contractor Name:	MISSION VALLEY ELECTRIC INC

Date:	**3/21/2011**
Permit Type:	**Residential**
Description:	**Reroof**
Permit Description:	**Single Family Residential - Reroof**
Work Class:	
Proposed Use:	
Permit Number:	BLD2011-00400
Status:	
Valuation:	$15,481.00
Contractor Company:	
Contractor Name:	CAL-PAC SAN MATEO DBA CAL-KIWI

ADJOINING PROPERTY FINDINGS

323 HEDGE RD

Date:	**8/23/2019**
Permit Type:	**Residential**
Description:	**A single story addition of 440 square feet to the front and rear of a single family house including an interior alteration of 298 square feet.**
Permit Description:	
Work Class:	Addition
Proposed Use:	
Permit Number:	BLD2019-00661
Status:	
Valuation:	$300,000.00
Contractor Company:	
Contractor Name:	

Date:	**3/27/2015**
Permit Type:	**Residential**
Description:	**A single family remodel to remove the fireplace and wall**
Permit Description:	**Single Family Residential - Alteration**
Work Class:	
Proposed Use:	
Permit Number:	BLD2014-01483
Status:	
Valuation:	$50,000.00
Contractor Company:	
Contractor Name:	TIM YAEGER

ADJOINING PROPERTY FINDINGS

Date:	**2/11/2015**
Permit Type:	**Residential**
Description:	**Demo the old sunroom at the back of the house and remove interior brick fireplace. Home is unoccupied.**
Permit Description:	
Work Class:	Demolition
Proposed Use:	
Permit Number:	BLD2015-00142
Status:	
Valuation:	$1,000.00
Contractor Company:	
Contractor Name:	TIM YAEGER

Date:	**10/7/2010**
Permit Type:	**Residential**
Description:	**Reface existing cabinets, change out kitchen sink. No**
Permit Description:	**Single Family Residential - Alteration**
Work Class:	
Proposed Use:	
Permit Number:	BLD2010-01258
Status:	
Valuation:	$12,395.00
Contractor Company:	
Contractor Name:	SEARS HOME IMPROVEMENT

Date:	**6/28/2006**
Permit Type:	**Residential**
Description:	**Replace 40 gallon water heater**
Permit Description:	**Single Family Residential - Repair**
Work Class:	
Proposed Use:	
Permit Number:	BLD2006-00846
Status:	
Valuation:	$1,500.00
Contractor Company:	
Contractor Name:	AFFORDABLE WATER HEATERS

ADJOINING PROPERTY FINDINGS

324 HEDGE RD

Date:	**7/14/2010**
Permit Type:	**Residential**
Description:	**Reroof with Class A Certainteed Landmark TL including 2 layer**
Permit Description:	**Single Family Residential - Reroof**
Work Class:	
Proposed Use:	
Permit Number:	BLD2010-00880
Status:	
Valuation:	$12,000.00
Contractor Company:	
Contractor Name:	SABER ROOFING INC

Date:	**7/16/2004**
Permit Type:	**Residential**
Description:	**Kitchen remodel (remove one wall, minimize one wall)**
Permit Description:	**Single Family Residential - Alteration**
Work Class:	
Proposed Use:	
Permit Number:	BLD2004-00665
Status:	
Valuation:	$65,000.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

328 HEDGE RD

Date:	**5/23/2005**
Permit Type:	**Residential**
Description:	**Add 2 Skylights**
Permit Description:	**Single Family Residential - Alteration**
Work Class:	
Proposed Use:	
Permit Number:	BLD2005-00630
Status:	
Valuation:	$1,000.00
Contractor Company:	
Contractor Name:	

331 HEDGE RD

Date:	**4/12/2007**
Permit Type:	**Residential**
Description:	**ELECTRICAL SERVICE UPGRADE**
Permit Description:	**Single Family Residential - Repair**
Work Class:	
Proposed Use:	
Permit Number:	BLD2007-00497
Status:	
Valuation:	$1,000.00
Contractor Company:	
Contractor Name:	HANDY SPARKY

ADJOINING PROPERTY FINDINGS

332 HEDGE RD

Date:	**9/25/2014**
Permit Type:	**Residential**
Description:	**Install 3.9 KW PG-E grid tied solar electric PV system roof**
Permit Description:	**Single Family Residential - Alteration**
Work Class:	
Proposed Use:	
Permit Number:	BLD2014-00817
Status:	
Valuation:	$14,000.00
Contractor Company:	
Contractor Name:	THE SOLAR COMPANY

Date:	**4/4/2013**
Permit Type:	**Residential**
Description:	**Single Family ReRoof**
Permit Description:	**Single Family Residential - Reroof**
Work Class:	
Proposed Use:	
Permit Number:	BLD2013-00480
Status:	
Valuation:	$17,500.00
Contractor Company:	
Contractor Name:	SABER ROOFING INC

Date:	**3/17/2010**
Permit Type:	**Residential**
Description:	**Foam Reroof**
Permit Description:	**Single Family Residential - Reroof**
Work Class:	
Proposed Use:	
Permit Number:	BLD2010-00300
Status:	
Valuation:	$2,892.00
Contractor Company:	
Contractor Name:	DURA FOAM

ADJOINING PROPERTY FINDINGS

Date:	**6/4/2007**
Permit Type:	**Residential**
Description:	**Electrical Service upgrade**
Permit Description:	**Single Family Residential - Repair**
Work Class:	
Proposed Use:	
Permit Number:	BLD2007-00771
Status:	
Valuation:	$1,700.00
Contractor Company:	
Contractor Name:	JOHNSTON ELECTRICAL

Date:	**2/14/2006**
Permit Type:	**Residential**
Description:	**Kitchen remodel, remove & replace add skylight**
Permit Description:	**Single Family Residential - Alteration**
Work Class:	
Proposed Use:	
Permit Number:	BLD2006-00180
Status:	
Valuation:	$30,000.00
Contractor Company:	
Contractor Name:	CHRISTOPHER HOMEWORKS

Date:	**6/16/2005**
Permit Type:	**Residential**
Description:	**Chimney retrofit for seismic upgrade**
Permit Description:	**Single Family Residential - Repair**
Work Class:	
Proposed Use:	
Permit Number:	BLD2005-00738
Status:	
Valuation:	$2,500.00
Contractor Company:	
Contractor Name:	DEAN DESIGNS

ADJOINING PROPERTY FINDINGS

335 HEDGE RD

Date:	**5/4/2015**
Permit Type:	**Residential**
Description:	**Notice: A single story addition of 751 square feet including an**
Permit Description:	**Single Family Residential - Addition**
Work Class:	
Proposed Use:	
Permit Number:	BLD2014-01494
Status:	
Valuation:	$280,000.00
Contractor Company:	
Contractor Name:	CARROLL CUSTOM HOMES

Date:	**2/26/2009**
Permit Type:	**Residential**
Description:	**Residential Alteration - Bathroom Remodel. 3/25/09**
Permit Description:	**Single Family Residential - Alteration**
Work Class:	
Proposed Use:	
Permit Number:	BLD2009-00192
Status:	
Valuation:	$15,000.00
Contractor Company:	
Contractor Name:	

Date:	**7/27/2006**
Permit Type:	**Residential**
Description:	**Elec Panel Upgrade**
Permit Description:	**Single Family Residential - Repair**
Work Class:	
Proposed Use:	
Permit Number:	BLD2006-00988
Status:	
Valuation:	$500.00
Contractor Company:	
Contractor Name:	B & J ELECTRIC

ADJOINING PROPERTY FINDINGS

336 HEDGE RD

Date:	**11/13/2013**
Permit Type:	**Residential**
Description:	**Installation of 9 photovoltaic solar system.**
Permit Description:	**Single Family Residential - Alteration**
Work Class:	
Proposed Use:	
Permit Number:	BLD2013-01499
Status:	
Valuation:	$15,370.00
Contractor Company:	
Contractor Name:	CLEAN SOLAR

339 HEDGE RD

Date:	**11/14/2016**
Permit Type:	**Residential**
Description:	**A 473 square feet first floor addition including an interior remodel of 1,315 square feet**
Permit Description:	
Work Class:	Addition
Proposed Use:	
Permit Number:	BLD2016-01082
Status:	
Valuation:	$210,650.00
Contractor Company:	
Contractor Name:	O.K. CONTRACTING

ADJOINING PROPERTY FINDINGS

Date:	**1/2/2007**
Permit Type:	**Residential**
Description:	**Water heater**
Permit Description:	**Single Family Residential - Repair**
Work Class:	
Proposed Use:	
Permit Number:	BLD2007-00001
Status:	
Valuation:	$900.00
Contractor Company:	
Contractor Name:	WATER HEATERS ONLY

Date:	**6/20/2000**
Permit Type:	**Residential**
Description:	**voluntary seismic upgrade**
Permit Description:	**Single Family Residential - Alteration**
Work Class:	
Proposed Use:	
Permit Number:	BLD2000-00588
Status:	
Valuation:	$2,695.00
Contractor Company:	
Contractor Name:	EARTHQUAKE READINESS

Date:	**5/8/2000**
Permit Type:	**Residential**
Description:	**res reroof A-36392**
Permit Description:	**Single Family Residential - Repair**
Work Class:	
Proposed Use:	
Permit Number:	BLD2000-00432
Status:	
Valuation:	$7,400.00
Contractor Company:	
Contractor Name:	CALIFORNIA SECURITY ROOFING

ADJOINING PROPERTY FINDINGS

347 HEDGE RD

Date:	**7/31/2001**
Permit Type:	**Residential**
Description:	**Reroof A-37821**
Permit Description:	**Single Family Residential - Repair**
Work Class:	
Proposed Use:	
Permit Number:	BLD2001-00728
Status:	
Valuation:	$5,000.00
Contractor Company:	
Contractor Name:	AMERICAN ROOF SYSTEMS INC.

OAKHURST PL

235 OAKHURST PL

Date:	**5/27/2015**
Permit Type:	**Residential**
Description:	**Install AC unit.**
Permit Description:	
Work Class:	Alteration
Proposed Use:	
Permit Number:	BLD2015-00680
Status:	
Valuation:	$4,000.00
Contractor Company:	
Contractor Name:	B.A. MORRISON

ADJOINING PROPERTY FINDINGS

Date: **11/7/2007**
Permit Type: **Residential**
Description: **Reroof**

Permit Description: **Single Family Residential - Reroof**
Work Class:
Proposed Use:
Permit Number: BLD2007-01609
Status:
Valuation: $11,160.00
Contractor Company:
Contractor Name: KNIGHT ROOFING

236 OAKHURST PL

Date: **9/7/2006**
Permit Type: **Residential**
Description: **Gas line Repair**

Permit Description: **Single Family Residential - Repair**
Work Class:
Proposed Use:
Permit Number: BLD2006-01176
Status:
Valuation: $1,000.00
Contractor Company:
Contractor Name: CREEKSIDE LANDSCAPING

Date: **1/18/2005**
Permit Type: **Residential**
Description: **Water heater**

Permit Description: **Single Family Residential - Repair**
Work Class:
Proposed Use:
Permit Number: BLD2005-00055
Status:
Valuation: $912.00
Contractor Company:
Contractor Name: JUST WATER HEATERS

ADJOINING PROPERTY FINDINGS

239 OAKHURST PL

Date:	**7/18/2007**
Permit Type:	**Residential**
Description:	**WATER HEATER REPLACEMENT**
Permit Description:	**Single Family Residential - Repair**
Work Class:	
Proposed Use:	
Permit Number:	BLD2007-01023
Status:	
Valuation:	$1,230.00
Contractor Company:	
Contractor Name:	REDWOOD PLUMBING CO INC

Date:	**3/27/2007**
Permit Type:	**Residential**
Description:	**SEWER REPLACEMENT. TRENCHLESS METHOD**
Permit Description:	**Single Family Residential - Repair**
Work Class:	
Proposed Use:	
Permit Number:	BLD2007-00399
Status:	
Valuation:	$3,000.00
Contractor Company:	
Contractor Name:	H & H COMPANY

ADJOINING PROPERTY FINDINGS

243 OAKHURST PL

Date:	**7/26/2011**
Permit Type:	**Residential**
Description:	**Remove old roof and reroof with Presidential comp**
Permit Description:	**Single Family Residential - Reroof**
Work Class:	
Proposed Use:	
Permit Number:	BLD2011-00958
Status:	
Valuation:	$9,600.00
Contractor Company:	
Contractor Name:	SIGNATURE ROOFING

Date:	**11/27/2006**
Permit Type:	**Residential**
Description:	**Water Heater Replacement**
Permit Description:	**Single Family Residential - Repair**
Work Class:	
Proposed Use:	
Permit Number:	BLD2006-01535
Status:	
Valuation:	$1,777.00
Contractor Company:	
Contractor Name:	REDWOOD PLUMBING CO INC

ADJOINING PROPERTY FINDINGS

247 OAKHURST PL

Date:	**10/15/2019**
Permit Type:	**Residential**
Description:	**Installation of a 240V 60A dedicated circuit w/ Tesla wall connector insside existing garage at a single family residential home.**
Permit Description:	
Work Class:	Alteration
Proposed Use:	
Permit Number:	BLD2019-01322
Status:	
Valuation:	$2,890.00
Contractor Company:	
Contractor Name:	

Date:	**8/23/2010**
Permit Type:	**Residential**
Description:	**New BBQ Island (Attached to Main Bld), Arbor, Electrical,**
Permit Description:	**Single Family Residential - Addition**
Work Class:	
Proposed Use:	
Permit Number:	BLD2010-00801
Status:	
Valuation:	$50,000.00
Contractor Company:	
Contractor Name:	DOUGLAS LANDSCAPE CONST INC

ADJOINING PROPERTY FINDINGS

Date: **1/27/2010**
Permit Type: **Residential**
Description: **Roof mounted photovoltaic system.**

Permit Description: **Single Family Residential - Alteration**
Work Class:
Proposed Use:
Permit Number: BLD2010-00101
Status:
Valuation: $23,000.00
Contractor Company:
Contractor Name: SOLAR CITY

Date: **8/31/2009**
Permit Type: **Residential**
Description: **Temp power pole**

Permit Description: **Single Family Residential - Alteration**
Work Class:
Proposed Use:
Permit Number: BLD2009-00933
Status:
Valuation: $750.00
Contractor Company:
Contractor Name: POWER PLUS

Date: **8/25/2009**
Permit Type: **Residential**
Description: **Notice: A 679 Square Feet Addition - Rebuild 1st Floor and**

Permit Description: **Single Family Residential - Addition**
Work Class:
Proposed Use:
Permit Number: BLD2009-00550
Status:
Valuation: $500,000.00
Contractor Company:
Contractor Name: WALTER M SPRINGS

ADJOINING PROPERTY FINDINGS

Date:	**6/11/2007**
Permit Type:	**Residential**
Description:	**Res ReRoof**
Permit Description:	**Single Family Residential - Reroof**
Work Class:	
Proposed Use:	
Permit Number:	BLD2007-00816
Status:	
Valuation:	$2,600.00
Contractor Company:	
Contractor Name:	DEL RIO ROOFING

251 OAKHURST PL

Date:	**12/4/2017**
Permit Type:	**Residential**
Description:	**Electric Vehicle Charging Circuit: install 1 240v 40amp ded. circuit with Tesla Wall connector.**
Permit Description:	
Work Class:	Alteration
Proposed Use:	
Permit Number:	BLD2017-01591
Status:	
Valuation:	$2,490.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

Date:	**7/18/2011**
Permit Type:	**Residential**
Description:	**Install 40 Amp Circuit and Car Charger in Garage**
Permit Description:	**Single Family Residential - Repair**
Work Class:	
Proposed Use:	
Permit Number:	BLD2011-00926
Status:	
Valuation:	$1,565.00
Contractor Company:	
Contractor Name:	SPRIG ELECTRIC

255 OAKHURST PL

Date:	**10/16/2001**
Permit Type:	**Residential**
Description:	**Reroof A-38073**
Permit Description:	**Single Family Residential - Repair**
Work Class:	
Proposed Use:	
Permit Number:	BLD2001-00988
Status:	
Valuation:	$11,621.00
Contractor Company:	
Contractor Name:	CAL KIWI AKA CAL PAC ROOFING

ADJOINING PROPERTY FINDINGS

259 OAKHURST PL

Date:	**3/22/2017**
Permit Type:	**Residential**
Description:	**An interior remodel of 750 square feet including the bathroom, kitchen, great room, and ceiling roof raise**
Permit Description:	
Work Class:	Alteration
Proposed Use:	
Permit Number:	BLD2016-00916
Status:	
Valuation:	$100,000.00
Contractor Company:	
Contractor Name:	

Date:	**12/29/2008**
Permit Type:	**Residential**
Description:	**Installation of photovltaic solar system (No battery backup) -**
Permit Description:	**Single Family Residential - Alteration**
Work Class:	
Proposed Use:	
Permit Number:	BLD2008-01658
Status:	
Valuation:	$29,735.00
Contractor Company:	
Contractor Name:	COBALT POWER SYSTEMS INC

ADJOINING PROPERTY FINDINGS

263 OAKHURST PL

Date:	**7/17/2015**
Permit Type:	**Residential**
Description:	**A Single Family One Story Residential Addition of 715 Square Feet and Interior Alteration of 1,486 Square Feet**
Permit Description:	
Work Class:	Addition
Proposed Use:	
Permit Number:	BLD2015-00461
Status:	
Valuation:	$336,000.00
Contractor Company:	
Contractor Name:	JACK MYERS CONST

267 OAKHURST PL

Date:	**7/15/2015**
Permit Type:	**Residential**
Description:	**New Condensing Unit and duct work**
Permit Description:	
Work Class:	Alteration
Proposed Use:	
Permit Number:	BLD2015-00959
Status:	
Valuation:	$9,900.00
Contractor Company:	
Contractor Name:	GRANT MECHANICAL

ADJOINING PROPERTY FINDINGS

Date:	**1/18/2011**
Permit Type:	**Residential**
Description:	**Res ReRoof**
Permit Description:	**Single Family Residential - Reroof**
Work Class:	
Proposed Use:	
Permit Number:	BLD2011-00082
Status:	
Valuation:	$4,000.00
Contractor Company:	
Contractor Name:	

271 OAKHURST PL

Date:	**10/8/2019**
Permit Type:	**Residential**
Description:	**Residential reroof to remove shake, install osb with radiant barrier 30# felt and presidential tl composition. REQUIRED INSPECTIONS: Tear Off, Roof Nailing, In Progress and Final.**
Permit Description:	
Work Class:	Reroof
Proposed Use:	
Permit Number:	BLD2019-01274
Status:	
Valuation:	$13,000.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

Date:	**1/28/2019**
Permit Type:	**Residential**
Description:	**Install new sewer lateral from foundation to main in street**
Permit Description:	
Work Class:	Repair
Proposed Use:	
Permit Number:	BLD2019-00115
Status:	
Valuation:	$20,500.00
Contractor Company:	
Contractor Name:	

Date:	**2/26/2008**
Permit Type:	**Residential**
Description:	**FURNACE REPLACEMENT**
Permit Description:	**Single Family Residential - Repair**
Work Class:	
Proposed Use:	
Permit Number:	BLD2008-00228
Status:	
Valuation:	$10,500.00
Contractor Company:	
Contractor Name:	REBHOLTZ MECHANICAL

Date:	**9/4/2007**
Permit Type:	**Residential**
Description:	**Kitchen Remodel - Elec Panel Upgrade Added to Permit**
Permit Description:	**Single Family Residential - Alteration**
Work Class:	
Proposed Use:	
Permit Number:	BLD2007-01285
Status:	
Valuation:	$15,000.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

Date:	**8/27/2007**
Permit Type:	**Residential**
Description:	**Replace existing beam with paralam**
Permit Description:	**Single Family Residential - Alteration**
Work Class:	
Proposed Use:	
Permit Number:	BLD2007-01124
Status:	
Valuation:	$3,000.00
Contractor Company:	
Contractor Name:	ASP CONST

Date:	**1/3/2007**
Permit Type:	**Residential**
Description:	**Furnace**
Permit Description:	**Single Family Residential - Repair**
Work Class:	
Proposed Use:	
Permit Number:	BLD2007-00010
Status:	
Valuation:	$10,500.00
Contractor Company:	
Contractor Name:	REBHOLTZ MECHANICAL

ADJOINING PROPERTY FINDINGS

SHERIDAN DR

303 SHERIDAN DR

Date:	**10/15/2014**
Permit Type:	**Residential**
Description:	**NOTICE: A 477 square feet addition to a single family**
Permit Description:	**Single Family Residential - Addition**
Work Class:	
Proposed Use:	
Permit Number:	BLD2014-00548
Status:	
Valuation:	$300,000.00
Contractor Company:	
Contractor Name:	ADROIT BUILDERS

308 SHERIDAN DR

Date:	**9/23/2008**
Permit Type:	**Residential**
Description:	**Notice: A 1314 square foot addition to the first and second**
Permit Description:	**Single Family Residential - Addition**
Work Class:	
Proposed Use:	
Permit Number:	BLD2008-00317
Status:	
Valuation:	$262,800.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

Date:	**6/20/2003**
Permit Type:	**Residential**
Description:	**Reroof**
Permit Description:	**Single Family Residential - Reroof**
Work Class:	
Proposed Use:	
Permit Number:	BLD2003-00604
Status:	
Valuation:	$4,000.00
Contractor Company:	
Contractor Name:	J SABER

VAN BUREN RD

260 VAN BUREN RD

Date:	**4/24/2009**
Permit Type:	**BLD**
Description:	**ACCESSORY STRUCTURE, 252 sq ft trellis freestanding outside of patio.**
Permit Description:	**Building Permit**
Work Class:	Building Permit
Proposed Use:	
Permit Number:	BLD2009-00450
Status:	Finaled
Valuation:	$2,000.00
Contractor Company:	
Contractor Name:	BUTLER CONSTRUCTION INC.

ADJOINING PROPERTY FINDINGS

Date:	**8/17/1999**
Permit Type:	**PLM**
Description:	**FIRE SPRINKLERS, Fire sprinklers for Haven House project.**
Permit Description:	**Plumbing Permit**
Work Class:	Building Permit
Proposed Use:	
Permit Number:	PLM1999-00300
Status:	Finaled
Valuation:	$28,400.00
Contractor Company:	
Contractor Name:	

Date:	**8/2/1999**
Permit Type:	**PLM**
Description:	**FIRE SPRINKLERS, INSTALL FIRE SPRINKLERS IN HAVEN FAMILY HOUSE.**
Permit Description:	**Plumbing Permit**
Work Class:	Building Permit
Proposed Use:	
Permit Number:	PLM1999-00282
Status:	Cancelled
Valuation:	$62,000.00
Contractor Company:	
Contractor Name:	

Date:	**7/16/1999**
Permit Type:	**PLM**
Description:	**UNDERGROUND FIRE PROTI, Underground fire protection RE: Bld98-1819,1820,1821**
Permit Description:	**Plumbing Permit**
Work Class:	Building Permit
Proposed Use:	
Permit Number:	PLM1999-00258
Status:	Finaled
Valuation:	$18,000.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

Date:	**5/28/1999**
Permit Type:	**BLD**
Description:	**DEMOLITION, DEMOLISH 3 MOTEL STRUCTURES & CARPORTS.**
Permit Description:	**Building Permit**
Work Class:	Building Permit
Proposed Use:	
Permit Number:	BLD1999-00429
Status:	Finaled
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

Date:	**12/16/1998**
Permit Type:	**BLD**
Description:	**CHILD CARE CENTER, NEW ONE STORY CHILD CARE FACILITY WITH DAY CARE CENTER AND OFFICES. Resubmittal #1 - 03/31/99 MJP - submitting plans due to "asthetic" design changes. Resubmittal #2 - 05/12/99 ETA - Submitting plans showing new wood design (asthetic) as previously more expensive. RESUBMITTAL # 3 - JPB - 07/30/99 - AS REQUESTED BY WINFRED IN HIS LETTER DATED 07/23/99. Revision #1 mjp 3/31/00 - addition of a drinking fountain and sink - outdoors. REVISION # 2 - JPB - 05/12/00 - MINOR LANDSCAPING CHANGES. REVISION # 3 - JPB - 05/16/00 - INSTALL ROOF OVER TRASH ENCLOSURE. Revision #4 mjp 6/26/00 - geo ltr & sewr ltr**
Permit Description:	**Building Permit**
Work Class:	Building Permit
Proposed Use:	
Permit Number:	BLD98-1819
Status:	Finaled
Valuation:	$21,868.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

Date:	**12/16/1998**
Permit Type:	**BLD**
Description:	**WEST APARTMENT BLDG, NEW 1O UNIT APARTMENT BUILDING WITH LAUNDRY, STORAGE AREA AND ADULT/TEEN SOCIAL ROOM. Resubmittal #2 - 05/12/99 ETA - Submitting plans showing new wood design (asthetic) as previously more expensive. Resubmittal #1 - MJP 03/31/99- Design changes. Revision #2 mjp 6/26/00 - geo report & sewer ltr**
Permit Description:	**Building Permit**
Work Class:	Building Permit
Proposed Use:	
Permit Number:	BLD98-1820
Status:	Finaled
Valuation:	$20,860.00
Contractor Company:	
Contractor Name:	

Date:	**12/16/1998**
Permit Type:	**BLD**
Description:	**EAST APARTMENT BLDG, NEW 14 UNIT APARTMENT BUILDING. Resubmittal #1 - MJP 03/31/99 - Design changes. Resubmittal #2 - 05/12/99 ETA - Submitting plans showing new wood design (asthetic) as previously more expensive. Revision #1 mjp 6/26/00 - geo ltr & sewer ltr**
Permit Description:	**Building Permit**
Work Class:	Building Permit
Proposed Use:	
Permit Number:	BLD98-1821
Status:	Finaled
Valuation:	$11,872.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

Date:	**3/13/1997**
Permit Type:	**BLD**
Description:	**REROOF, TEAR OFF EXISTING TAR AND GRAVEL AND REROOF WITH MODIFIED BITUMEN SPEC # W-M-16-C FIRESTONE - TO BE CLASS B OR BETTER. REVISION # 1 - JPB - PORTION OF BUILDING # 2 NOW AN OVERLAY (SEE JOB CARD)**
Permit Description:	**Building Permit**
Work Class:	Building Permit
Proposed Use:	
Permit Number:	BLD97-0292
Status:	Finaled
Valuation:	$0.00
Contractor Company:	
Contractor Name:	REED ROOFING COMPANY

Date:	**5/2/1994**
Permit Type:	**MEC**
Description:	**HEATER, REPLACE HEATER IN LIVING ROOM (MANUFACTURES SPEC. TO BE SUPPLIED ON SITE).**
Permit Description:	**Mechanical Permit**
Work Class:	Building Permit
Proposed Use:	
Permit Number:	MEC94-0060
Status:	Finaled
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

Date:	**1/9/1991**
Permit Type:	**BLD**
Description:	**REHAB, rehabilition of family housing unit PER HOUSING REPORT #5011-8C**
Permit Description:	**Building Permit**
Work Class:	Building Permit
Proposed Use:	
Permit Number:	BLD91-0025
Status:	Finaled
Valuation:	$0.00
Contractor Company:	
Contractor Name:	NICHOLS CONSTRUCTION

GLOSSARY

General Building Department concepts

- **ICC:** The International Code Council. The governing body for the building/development codes used by all jurisdictions who've adopted the ICC guidelines. MOST of the US has done this. Canada, Mexico, and other countries use ICC codes books and guides as well. There are a few states who have added guidelines to the ICC codes to better fit their needs. For example, California has added seismic retrofit requirements for most commercial structures.
- **Building Department (Permitting Authority, Building Codes, Inspections Department, Building and Inspections):** This is the department in a jurisdiction where an owner or contractor goes to obtain permits and inspections for building, tearing down, remodeling, adding to, re-roofing, moving or otherwise making changes to any structure, Residential or Commercial.
- **Jurisdiction:** This is the geographic area representing the properties over which a Permitting Authority has responsibility.
- **GC:** General Contractor. Usually the primary contractor hired for any Residential or Commercial construction work.
- **Sub:** Subordinate contracting companies or subcontractors. Usually a "trades" contractor working for the GC. These contractors generally have an area of expertise in which they are licensed like Plumbing, Electrical, Heating and Air systems, Gas Systems, Pools etc. (called "trades").
- **Journeymen:** Sub contractors who have their own personal licenses in one or more trades and work for different contracting companies, wherever they are needed or there is work.
- **HVAC (Mechanical, Heating & Air companies):** HVAC = Heating, Ventilation, and Air Conditioning.
- **ELEC (Electrical, TempPole, TPole, TPower, Temporary Power, Panel, AMP Change, Power Release):** Electrical permits can be pulled for many reasons. The most common reason is to increase the AMPs of power in an electrical power panel. This requires a permit in almost every jurisdiction. Other commons reason for Electrical permits is to insert a temporary power pole at a new construction site. Construction requires electricity, and in a new development, power has yet to be run to the lot. The temporary power pole is usually the very first permit pulled for new development. The power is released to the home owner when construction is complete and this sometimes takes the form of a Power Release permit or inspection.
- **"Pull" a permit:** To obtain and pay for a building permit.
- **CBO:** Chief Building Official
- **Planning Department:** The department in the development process where the building /structural plans are reviewed for their completeness and compliance with building codes
- **Zoning Department:** The department in the development process where the site plans are reviewed for their compliance with the regulations associated with the zoning district in which they are situated.
- **Zoning District:** A pre-determined geographic boundary within a jurisdiction where certain types of structures are permitted / prohibited. Examples are Residential structure, Commercial/Retail structures, Industrial/Manufacturing structures etc. Each zoning district has regulations associated with it like the sizes of the lots, the density of the structures on the lots, the number of parking spaces required for certain types of structures on the lots etc.
- **PIN (TMS, GIS ID, Parcel#):** Property Identification Number and Tax Map System number.
- **State Card (Business license):** A license card issued to a contractor to conduct business.
- **Building Inspector (Inspector):** The inspector is a building department employee that inspects building construction for compliance to codes.
- **C.O.:** Certificate of Occupancy. This is the end of the construction process and designates that the owners now have permission to occupy a structure after its building is complete. Sometimes also referred to as a Certificate of Compliance.

GLOSSARY

Permit Content Definitions

- Permit Number: The alphanumerical designation assigned to a permit for tracking within the building department system. Sometimes the permit number gives clues to its role, e.g. a "PL" prefix may designate a plumbing permit.
- Description: A field on the permit form that allows the building department to give a brief description of the work being done. More often than not, this is the most important field for EP's to find clues to the prior use (s) of the property.
- Permit Type: Generally a brief designation of the type of job being done. For example BLDG-RES, BLDG-COM, ELEC, MECH etc.

Sample Building Permit Data

Date: Nov 09, 2000
Permit Type: Bldg -
New Permit Number: 101000000405
Status: Valuation: $1,000,000.00
Contractor Company: OWNER-BUILDER
Contractor Name:

Description: New one store retail (SAV-ON) with drive-thru pharmacy. Certificate of Occupancy.

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Appendix E
EDR Sanborn Map Report

320 Sheridan Drive

320 Sheridan Drive

Menlo Park, CA 94025

Inquiry Number: 7302428.3

April 11, 2023

Certified Sanborn® Map Report

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

04/11/23

Site Name:	Client Name:
320 Sheridan Drive	Citadel Environmental Services
320 Sheridan Drive	1725 Victory Boulevard
Menlo Park, CA 94025	Glendale, CA 91201
EDR Inquiry # 7302428.3	Contact: Annie Liu

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Citadel Environmental Services were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Certification # 085D-4C7D-903C

PO # NA

Project 1485.1029.0

UNMAPPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.

Sanborn® Library search results

Certification #: 085D-4C7D-903C

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ☑ Library of Congress
- ☑ University Publications of America
- ☑ EDR Private Collection

The Sanborn Library LLC Since 1866™

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Appendix F
EDR City Directory Abstract

320 Sheridan Drive
320 Sheridan Dr
Menlo Park, CA 94025

Inquiry Number: 7302428.16
April 10, 2023

The EDR-City Directory Image Report

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

EDR® Environmental Data Resources Inc

TABLE OF CONTENTS

SECTION

Executive Summary

Findings

City Directory Images

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available business directory data at approximately five year intervals.

RECORD SOURCES

The EDR City Directory Report accesses a variety of business directory sources, including Haines, InfoUSA, Polk, Cole, Bresser, and Stewart. Listings marked as EDR Digital Archive access Cole and InfoUSA records. The various directory sources enhance and complement each other to provide a more thorough and accurate report.

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RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

Year	*Target Street*	*Cross Street*	*Source*
2020	☑	☑	EDR Digital Archive
2017	☑	☑	Cole Information
2014	☑	☑	Cole Information
2010	☑	☑	Cole Information
2005	☑	☑	Cole Information
2000	☑	☑	Cole Information
1995	☑	☑	Cole Information
1992	☑	☑	Cole Information
1986	☑	☐	HAINES AND COMPANY
1981	☑	☐	HAINES AND COMPANY
1978	☑	☐	POLK DIRECTORY CO
1973	☑	☐	POLK DIRECTORY CO
1969	☑	☐	POLK DIRECTORY CO
1963	☑	☐	POLK DIRECTORY CO
1957	☑	☐	POLK DIRECTORY CO

FINDINGS

TARGET PROPERTY STREET

320 Sheridan Dr
Menlo Park, CA 94025

Year	*CD Image*	*Source*

SHERIDAN DR

2020	pg A5	EDR Digital Archive
2017	pg A11	Cole Information
2014	pg A16	Cole Information
2010	pg A21	Cole Information
2005	pg A26	Cole Information
2000	pg A31	Cole Information
1995	pg A35	Cole Information
1992	pg A40	Cole Information
1986	pg A44	HAINES AND COMPANY
1981	pg A48	HAINES AND COMPANY
1978	pg A53	POLK DIRECTORY CO
1973	pg A59	POLK DIRECTORY CO
1969	pg A63	POLK DIRECTORY CO
1963	pg A69	POLK DIRECTORY CO
1957	pg A75	POLK DIRECTORY CO

TERMINAL AVE

2020	pg A6	EDR Digital Archive
2017	pg A12	Cole Information
2014	pg A17	Cole Information
2010	pg A22	Cole Information
2005	pg A27	Cole Information
2000	pg A32	Cole Information
1995	pg A36	Cole Information
1992	pg A41	Cole Information

FINDINGS

CROSS STREETS

Year	*CD Image*	*Source*

OAKHURST PL

2020	pg. A2	EDR Digital Archive
2017	pg. A10	Cole Information
2014	pg. A15	Cole Information
2010	pg. A20	Cole Information
2005	pg. A25	Cole Information
2000	pg. A30	Cole Information
1995	pg. A34	Cole Information
1992	pg. A39	Cole Information
1986	pg. A43	HAINES AND COMPANY
1981	pg. A46	HAINES AND COMPANY
1981	pg. A47	HAINES AND COMPANY
1978	pg. A51	POLK DIRECTORY CO
1978	pg. A52	POLK DIRECTORY CO
1973	pg. A57	POLK DIRECTORY CO
1973	pg. A58	POLK DIRECTORY CO
1969	pg. A61	POLK DIRECTORY CO
1969	pg. A62	POLK DIRECTORY CO
1963	pg. A67	POLK DIRECTORY CO
1963	pg. A68	POLK DIRECTORY CO
1957	pg. A73	POLK DIRECTORY CO
1957	pg. A74	POLK DIRECTORY CO

TERMINAL AVE

1986	pg. A45	HAINES AND COMPANY
1981	pg. A49	HAINES AND COMPANY
1978	pg. A54	POLK DIRECTORY CO
1978	pg. A55	POLK DIRECTORY CO
1973	pg. A60	POLK DIRECTORY CO
1969	pg. A64	POLK DIRECTORY CO

FINDINGS

Year	CD Image	Source	
1969	pg. A65	POLK DIRECTORY CO	
1969	pg. A66	POLK DIRECTORY CO	
1963	pg. A70	POLK DIRECTORY CO	
1963	pg. A71	POLK DIRECTORY CO	
1963	pg. A72	POLK DIRECTORY CO	
1957	pg. A76	POLK DIRECTORY CO	
1957	pg. A77	POLK DIRECTORY CO	

VAN BUREN RD

2020	pg. A9	EDR Digital Archive	
2017	pg. A14	Cole Information	
2014	pg. A19	Cole Information	
2010	pg. A24	Cole Information	
2005	pg. A29	Cole Information	
2000	-	Cole Information	Target and Adjoining not listed in Source
1995	pg. A38	Cole Information	
1992	pg. A42	Cole Information	
1986	pg. 0	HAINES AND COMPANY	Target and Adjoining not listed in Source
1981	pg. A50	HAINES AND COMPANY	
1978	pg. A56	POLK DIRECTORY CO	
1973	pg. 0	POLK DIRECTORY CO	Street not listed in Source
1969	pg. 0	POLK DIRECTORY CO	Street not listed in Source
1963	pg. 0	POLK DIRECTORY CO	Street not listed in Source
1957	pg. 0	POLK DIRECTORY CO	Street not listed in Source

City Directory Images

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

OAKHURST PL 2020

207	JESSICA CLARK
	TYSON CLARK
208	JOHN MOLISE
	JULIA MOLISE
211	JENNIFER LYNN TANNER
	PETER TANNER
212	LUCY BAW
215	BARBARA GILBERTSON
	ERIC GILBERTSON
	KENDRA GILBERTSON
	NILS GILBERTSON
216	DAISY BARNETT
	DAISY TINSLEY
	VALLEY ESPORTS LLC
	YOSSI KOREN
219	COREY STOESSER
	WILLIAM STOESSER
220	MICHAEL HAAG
223	CHANGHUI ZHAO
	FAN YE
	MARTIN HUBER
224	EMILY LITTLE
	JEFFREY LITTLE
	SPENCER LITTLE
227	ANGELA SANDOVAL
	SALVADOR SANDOVAL
228	DAVID DOLKAS
	MATTHEW DOLKAS
	RILEY BRADLEY
232	ESTEBAN MASUDA
	FRANCIS MASUDA
	LUISA MASUDA
235	DENNIS FOX
	ELENA FOX
	EMILY FOX
	MICHAEL FOX
	PATRICK VILLARREAL
236	KABIR MERCHANT
	MARTA MILLER
	SCOTT MILLER
239	GARY BARTLETT
	SIOBHAN PICKETT
243	ROBIN CARLSON
247	ANDREW COX
	JENNIFER COX
	RAYMOND COX
251	ALEX BAIN
	LISA BAIN
255	DOUGLAS HAMILTON
	LESLEY HAMILTON

OAKHURST PL 2020 (Cont'd)

255	MELLISSA GARCIA-HAMILTON
	RICO GARCIA-HAMILTON
	SUE HAMILTON
256	CHESTER KOZLOWSKI
	DANIEL KOZLOWSKI
	JOHN KOZLOWSKI
	LANETTE KOZLOWSKI
	THOMAS KOZLOWSKI
259	BONNIE FOSTER
	BRAD FOSTER
	DAVID FOSTER
	EDWARD FOSTER
	STEVEN FOSTER
	SUSAN FOSTER
260	NATALIE TURNER
	ROBERT TURNER
263	CHRISSY EVANS
	ROBERT EVANS
264	RODERICK MACLEOD
	SUSAN MACLEOD
267	IAN SCHWORER
	SMITA SCHWORER
268	DYLAN AUSTIN
	JACQUELINE AUSTIN
271	MEHRDAD NIKOONAHAD
272	JANET VAN PELT
	PELT VAN PELT
275	ANDREA LAJOIE
	KENNETH LAJOIE
	LAJOIE ROBERT
	LIA LAJOIE
276	GIANNA PRAINITO
	NICOLAS PRAINITO
	VALERIE RICE
	WILLIAM PRAINITO
279	CHRISTOPHER VAUGHAN
	KARIN VAUGHAN
280	ANNA HERSCHLAG
	DANIEL HERSCHLAG
	PEGGY CROOKSTON
	SAMUEL CROOKSTON HERSCHLAG
283	ANAND TADAKAMALLA
	JUNE MONTGOMERY
	RAJESWARI TADAKAMALLA
	RAJI PILLAI
	RAJI TADAKAMALLA
291	E MUESSE
	ERNEST MUESSE
	JAMES TUFTS
295	JOHN BROTTEM

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

OAKHURST PL 2020 (Cont'd)

295	KATHRYN BROTTEM
297	LENA BROKLING
299	DAVID JONES
	DEVIN JONES
	LESLIE ABRAMS
301	ALLIE DITTMAR
	DIANE DITTMAR
	MICHAEL DITTMAR
	PATRICK OHAREN

Target Street	Cross Street	Source
✔	-	EDR Digital Archive

SHERIDAN DR 2020

303	MAY MATSUI
	RONALD MATSUI
307	BRUCE FORSHEE
	CHERYL FORSHEE
	NATHAN FORSHEE
308	BICHHUYEN PHAM
	GROUT EXPERT
	HOANG NGUYEN
311	LOVELY TAUTUA'A
	SALLY WILLIAMS
	SALOFI TAUTUAA

Target Street	Cross Street	Source
✔	-	EDR Digital Archive

TERMINAL AVE 2020

50	BEECHWOOD SCHOOL
	CALIFORNIA FAMILY FOUNDATION
100	BELLE HAVEN COMMUNITY CTR
	BELLE HAVEN POOL
	ONETTA HARRIS COMMUNITY CTR
	SENIOR CENTER
150	GRAZIANO AIOSA
	MARISELA GARCIA
	SPEEDY PANINI
160	ARMANDO MORENO
	CARMEN MORENO
	JENNIFER MORENO
	LIZZETTE MORENO
170	QI ZHANG
180	CARLOS JUAREZ
	GRISELDA LOPEZ
	IGNACIO GARCIA
200	JATELO
	PETER OJANY
205	MARIA MACIAS
207	CERNA ARNULFO
	JOSE MACIAS
	MARIA MACIAS
209	WESLEY BARKER
	YAO ZOU
215	BILLIE QUARLES
	TED QUARLES
219	GERALDINE CAMPBELL
	LYDIA CAMPBELL
220	M ROSA
223	JAY DUNLAP
	JEANETTE WORTHEY
224	GEORGEZETTA ROGERS
226	FREDERICK GRAY
	FROILAN MALIT
	GAMPA GRAY
	JOHN GRAY
231	TED QUARLES
234	CHRIS MARPURI
	LEO MARPURI
	MENCHY MARPURI
	RUSSEL MARPURI
	WILLIAM DALE
235	MAXIMILIANO CONTRERAS
236	ANDREW CRUZ
	EVANGELINA CRUZ
	JORDAN PALACIOSCRUZ
	NOEL CRUZ
	VANESSA PALACIOS
239	ANASEINI TUIPULOTU

TERMINAL AVE 2020 (Cont'd)

239	MOSESE TUIPULOTU
	NICHOLAS TUIPULOTU
	NIVALETI MAHONI
244	BRIAN LAM
247	ALEX MORA
	ANTONIO MORA
	CHRISTINA SILVEY
	MARTIN ESPINO
	NELIDA CABALLERO
251	GILDARDO PENA
255	CUI CHUNG
	FLORES GARDENING & LANDSCAPING
259	ARCADIA RAMOS
	EDGAR RAMOS
260	JAMES COKER
263	JUAN ROSAS
267	LANGILANGI FAKALATA
	MELIAME FAKALATA
	MONALISA FAKALATA
	SIONE FAKALATA
271	JAVIER MAGALLON-PULIDO
	RAFAEL CHACON
275	ANTONIO TAU
	FONUKU TAU
	MALIA POMALE
279	ALEX CABALLERO
	ANA JIMENEZ
	LOUIS JIMENEZ
	LUISANNA CABALLERO
	SAMANTHA JIMENEZ
	URIEL JIMENEZ
283	KOURTNEY MCEACHIN
	TIAN YIBIN
	YING CHU
287	AGUSTIN RAMIREZ
	ROSEMARIE GARCIA
291	LORENA GARCIA
	SALVADOR GARCIA
295	LUIS VEGA
	MARCO CHAVEZ
	MARIA CHAVEZ
	MARIA VEGA
301	JOSE CORREA
	JUAN CORREA
	LETICIA CORREA-INIGUEZ
	MARTHA CORREA
	MOISES CORREA
311	LILI LIU
	SUN MINGSHAN
320	CLEMENTINE SMITH

TERMINAL AVE 2020 (Cont'd)

321	ABEL GONZALEZ
	CONNIE WADE
	EBONY HOLLAND
330	JACK POWELL
	JALLEE FONPENOT
	VICTORIA FONTENOT
331	ADAN LOMBERA
	HERIBERTO LOMBERA
	MARIA LOMBERA
340	JESENIA CONTRERAS
	JESUS RODRIGUEZ
	JOHN CONTRERAS
	MARIA ROMERO
341	YUI LEE
350	ESELI TEU
	ESTHER BECERRA
	JESUS BECERRA
351	ALEXANDER HOERMANN
	WHITNEY HOERMANN
361	JONATHAN PULIDO
	RAQUEL PULIDO
	URIELL PULIDO
371	DAVID BICKERSTAFF
	DOMINIQUE BICKERSTAFF
	MERCEDES BICKERSTAFF
	RACHEL BICKERSTAFF
390	ANGELA FLORES
	BRANDON YANG
	TINA SU
394	ROSE BICKERSTAFF

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

VAN BUREN RD 2020

260	AZTECA VALDEZ
	JOHN HICKMAN
	KIM HEDGE
	LIGALA MANNS
	NORA FLORES
	REBECCA ABAS
	THOMAS HINRICHS

Target Street	Cross Street	Source
-	✓	Cole Information

OAKHURST PL 2017

207	CLARK, TYSON A
208	MOLISE, JOHN S
211	TANNER, PETER M
212	KAUFFMAN, JIM E
215	GILBERTSON, ERIC J
219	STOESSER, WILLIAM J
220	GOTHUSO, NICHOLAS C
227	SANDOVAL, ANGELA O
228	DOLKAS, MATTHEW H
231	GALERNEAU SYLVIE DMD
	HAHN, GLENN A
232	MASUDA, ESTEBAN S
235	FOX, MICHAEL A
236	LARSON, MARTA J
239	ZWEIG, BRIAN T
243	CARLSON, ROBIN W
247	COX, RAYMOND A
248	BRUFFY, JEANNETTE J
251	BAIN, ALEX M
255	HAMILTON, DOUGLAS K
256	KOZLOWSKI, JOHN
259	FOSTER, BRAD
260	ITUARTE, HELEN
263	EVANS, ROBERT W
264	MACLEOD, RODERICK H
267	AHMED, BENCHEMSI
268	AUSTIN, DYLAN E
271	NIKOONAHAD, MEHRDAD
272	VANPELT, STEPHEN H
275	LAJOIE, KENNETH R
276	PRAINITO, WILLIAM P
279	VAUGHAN, CHRIS A
280	CROOKSTON, PEGGY S
283	TADAKAMALLA, ANAND
287	OLSON, ERIK J
291	MUESSE, WAYNE W
295	BROTTEM, KATHRYN C
297	BROKLING, LENY J
299	GETCHELL, SHELLEY A
301	DITTMAR, MICHAEL J

Target Street	Cross Street	Source
✔	-	Cole Information

SHERIDAN DR 2017

307	FORSHEE, BRUCE A
308	NGUYEN, HOANG C
311	TATAKAMOTONGA, PAUL

Target Street	Cross Street	Source
✔	-	Cole Information

TERMINAL AVE 2017

50	BEECHWOOD SCHOOL
100	BELLE HAVEN COMMUNITY CENTER
	CITY OF MENLO PARK
	RAVENSWOOD FAMILY HEALTH CENTER AT B
150	MCLEMORE, DORA
160	LINARES, CARMEN
170	WU, SUSAN S
180	GARCIA, IGNACIO J
200	OJANY, PETER O
205	MACIAS, PEDRO
207	MACIAS, JOSE J
209	WADE, JESSE F
215	QUARLES, TED
219	CAMPBELL, LYDIA J
224	ROGERS, GEORGEZETTA
226	GRAY, JOHN D
231	MARTINEZ, LUIS
234	MARPURI, MENCHY
235	GUTIERREZ, GABBY
236	CRUZ, NOEL
239	TUPOU, VILIAMI A
243	BEECHWOOD SCHOOL
	KEMP, JAMIE A
244	LAM, BRIAN B
247	CABALLERO, MARIA S
255	CHUNG, CUI H
260	COKER, JAMES M
263	ROSAS, JUAN M
267	LOLOHEA, SIONE M
271	PULIDO, JAVIER M
279	JIMENEZ, URIEL A
283	LIU, APRIL
287	GARCIA, ROSEMARI M
291	GARCIA, SALVADOR
295	CHAVEZ, MARCO A
297	MACDONALD, KELLY S
301	CORREA, JUAN J
310	CLARK, CONSUELA L
311	SUN, MINGSHAN M
320	SMITH, CLEMENTINE E
330	FONTENOT, VICTORIA J
331	LOMBERA, HERIBERTO C
340	CONTRERAS, JOHN J
341	LEE, YUI T
350	BECERRA, JESUS
	FOLAU ISI
351	HOERMANN, WHITNEY P
361	PULIDO, RAQUEL R
371	BICKERSTAFF, DAVID R
390	RODRIGUEZ, ANGELA F

Target Street	Cross Street	Source
✔	-	Cole Information

TERMINAL AVE 2017 (Cont'd)

394 BICKERSTAFF, ROSE M

Target Street	Cross Street	Source
-	✓	Cole Information

VAN BUREN RD 2017

260 INNVISION SHELTER NETWORK

Target Street	Cross Street	Source
-	✓	Cole Information

OAKHURST PL 2014

200	GOTTUSO, PAULETTE
207	CLARK, TYSON A
208	MOLISE, JOHN S
211	TANNER, PETER M
212	KAUFFMAN, JIM E
215	GILBERTSON, ERIC J
216	TINSLEY, DAISY M
219	STOESSER, WILLIAM J
220	GOTHUSO, NICHOLAS C
223	ARTUZ, ROBERT J
224	LITTLE, JEFFREY W
227	OCCUPANT UNKNOWN,
228	OCCUPANT UNKNOWN,
231	HAHN, GLENN A
232	MASUDA, ESTEBAN S
235	VILLARREAL, MEAGAN
236	MILLER, SCOTT W
239	KORANDA, CHRIS W
243	WHITNEY, ROBERT L
247	COX, ANDREW
248	BRUFFY, JEANNETTE J
251	ZWEIG, BRIAN T
255	HAMILTON, DOUGLAS K
256	OCCUPANT UNKNOWN,
259	FOSTER, EDWARD B
260	TURNER, N
263	MCNULTY, THERESA E
264	OCCUPANT UNKNOWN,
267	BENCHEMSI, AHMED
268	AUSTIN, DYLAN E
271	NIKOONAHAD, MEHRDAD
272	VANPELT, STEPHEN H
275	LAJOIE, KENNETH R
276	PRAINITO, WILLIAM P
279	VAUGHAN, CHRIS A
280	HERSCHLAG, DANIEL
283	TADAKAMALLA, ANAND
287	OLSON, ERIK J
291	MUESSE, WAYNE W
295	BROTTEM, JOHN L
297	BROKLING, LENY J
299	OCCUPANT UNKNOWN,
301	DITTMAR, MICHAEL J

Target Street	Cross Street	Source
✔	-	Cole Information

SHERIDAN DR 2014

303	OCCUPANT UNKNOWN,
307	FORSHEE, BRUCE A
308	NGUYEN, HOANG C
311	TATAKAMOTONGA, PAUL
325	BARBER, JUDY W
350	KALU, B

Target Street	Cross Street	Source
✔	-	Cole Information

TERMINAL AVE 2014

50	BEECHWOOD SCHOOL
100	BELLE HAVEN COMMUNITY CENTER
	CITY OF MENLO PARK
	RAVENSWOOD FAMILY HEALTH CENTER AT B
	RAVENSWOOD FAMILY HEALTH CTR
150	AIOSA, GRAZIANO
160	LINARES, CARMEN
170	MAESE, MAGDALENA R
180	GARCIA, IGNACIO J
190	DAY, ERICA F
200	DEAN, ONIEL
203	GARCIA, JOEL P
205	OCCUPANT UNKNOWN,
207	ARNULFO, CERNA
209	GATES, FRED
219	CAMPBELL, LYDIA J
220	CHAVEZ, AMBROSIO S
223	OCCUPANT UNKNOWN,
224	ROGERS, GEORGEZETTA
226	GRAY, JOHN D
231	MARTINEZ, LUIS
234	LU, YEAN J
235	DELGADO, MARIA L
236	CRUZ, EVANGELINA E
239	TUIPULOTU, MOSESE L
243	KEMP, JAMIE A
244	CALDERON, ANA H
247	CABALLERO, MARIA E
251	AMODEI, LINDSEY R
255	OCCUPANT UNKNOWN,
259	RAMOS, EDGAR S
260	COKER, JAMES B
263	CISNEROS, JUAN M
267	LOHEA, ISILELI
271	PULIDO, JAVIER M
275	POMALE, VILIAMI T
279	JIMENEZ, URIEL A
283	CHU, YING
287	GARCIA, ROSEMARI M
291	GARCIA, SALVADOR
295	CHAVEZ, MARCO A
301	CORREA, JOSE A
310	CLARK, CONSUELA L
311	ARRENDONDO, MEYDA R
320	SMITH, CLEMENTINE E
321	CORTEZ, VALDO
330	FONTENOT, VICTORIA J
331	LOMBERA, HERIBERTO C
340	CONTRERAS, FRANCISCO J
341	LEE, YUI T

Target Street	Cross Street	Source
✔	-	Cole Information

TERMINAL AVE 2014 (Cont'd)

350	BECERRA, JESUS
351	HOERMANN, WHITNEY P
361	PULIDO, URIEL D
371	OCCUPANT UNKNOWN,
390	FLORES, JUAN F

Target Street	Cross Street	Source
-	✓	Cole Information

VAN BUREN RD 2014

260 INNVISION SHELTER NETWORK
290 BARNES, NATANYA N

Target Street	Cross Street	Source
-	✓	Cole Information

OAKHURST PL 2010

207	CALLISON, LINDA F
208	MOLISE, JOHN S
211	TANNER, PETER M
212	KAUFFMAN, JIM E
215	GILBERTSON, ERIC J
216	JOHNSON, ELIZABETH H
219	LOPEZ, MARC E
220	GOTHUSO, NICHOLAS C
223	ARTUZ, ROBERT J
224	LITTLE, JEFFREY W
227	SANDOVAL, SALVADOR S
228	OCCUPANT UNKNOWN,
231	GALERNEAU, GLENN A
232	MASUDA, ESTEBAN S
235	FOX, MICHAEL A
236	LARSON, MARTA J
243	WHITNEY, ROBERT L
247	COX, RAYMOND A
251	MONGIRD, MARK
255	HAMILTON, DOUGLAS K
256	KOZLOWSKI, CHESTER J
259	FOSTER, EDWARD B
260	TURNER, BOB L
264	MACLEOD, RODERICK H
267	OCCUPANT UNKNOWN,
268	AUSTIN, JACGULE
271	GHEZELBASH, PARISA
272	VANPELT, STEPHEN H
275	LAJOIE, KENNETH R
276	PIPER TATE
	PRAINITO, WILLIAM P
279	VAUGHAN, CHRIS C
280	HERSCHLAG, DANIEL
283	OCCUPANT UNKNOWN,
291	MUESSE, WAYNE W
295	BROTTEM, JOHN L
297	BROKLING, LENY J
299	JONES, DAVID R
301	DITTMAR, MICHAEL J

Target Street	Cross Street	Source
✔	-	Cole Information

SHERIDAN DR 2010

303 OCCUPANT UNKNOWN,
307 FORSHEE, BRUCE A
308 GROUT EXPERTS
NGUYEN, HOANG C
311 TAUTUAA, SALOFI
320 CENTER FOR A NEW GENERATION
325 BARBER, JUDY W

Target Street	Cross Street	Source
✔	-	Cole Information

TERMINAL AVE 2010

50	BEECHWOOD SCHOOL
100	BELLE HAVEN COMMUNITY CTR
	BELLE HAVEN COMMUNITY HEALTH
	MENLO PARK COMMUNITY CTR
	MENLO PARK SENIOR CITIZENS CTR
	RAVENSWOOD FAMILY HEALTH CTR
150	OCCUPANT UNKNOWN,
160	MORENO, ARMANDO L
170	FIGUEROA, ANGELES
180	MEDINA, YURIDIA
190	ARROYO, ANGEL D
200	DEAN, HAZEL P
203	OCCUPANT UNKNOWN,
205	OCCUPANT UNKNOWN,
207	ARNULFO, CERNA
209	GATES, MINNI D
215	QUARLES, BILLIE J
219	CAMPBELL, KENNETH L
220	OCCUPANT UNKNOWN,
223	DURHAM, VERNON W
224	ROGERS, GEORGEZETTA
226	GRAY, JOHN D
231	OCCUPANT UNKNOWN,
234	YAP, ANTHONY
235	GARCIA, MARIA
236	CRUZ HOUSEKEEPING
	CRUZ, EVANGELINA E
239	TUIPULOTU, MOSESE L
243	KEMP, JAMIE A
244	CALDERON, ANA H
247	MORA, ANTONIO C
251	ABARCA, ANTONIO C
255	RUCKS, LORINE
259	RAMOS, EDGAR S
260	COKER, JAMES M
263	MARTINEZ, GUILLERMINA
267	FAKALATA, SIONE T
271	MELGAR, NANCY
275	OCHOA, LUZ F
279	JIMENEZ, URIEL
283	CHU, YING
287	MARTINEZ, OREJEL J
291	GARCIA, SALVADOR
297	OCCUPANT UNKNOWN,
301	ADAMES, MARIA
310	CLARK, DANA
311	FLORES, GUADALUPE
320	SMITH, ZACHARY M
321	GONZALEZ, ABEL
330	FONTENOT, VICTORIA J

Target Street	Cross Street	Source
✔	-	Cole Information

TERMINAL AVE 2010 (Cont'd)

331	LOMBERA, ADAM
340	CONTRERAS, MARIA R
341	OCCUPANT UNKNOWN,
350	BECERRA, JESUS
361	PULIDO, URIEL D
390	RODRIGUEZ, FEDERICO F
394	BICKERSTAFF, ROSE M

Target Street	Cross Street	Source
-	✓	Cole Information

VAN BUREN RD 2010

260	BARELA, YOLANDA
	CASTILLO, JULIA
	GORMAN, DONNA
	GUIDO, DANIEL
	HAVEN FAMILY HOUSE
	JOHNSON-HEATH, CHARLES
	LAGONE, JENNIFER
	LEE, DARRIN
	NADONZA, KRISTAL
	PALETUA, VAI
	RAINWATER, DONNA N
290	BARNES, TANIA

Target Street	Cross Street	Source
-	✓	Cole Information

OAKHURST PL 2005

207	CALLISON, LINDA F
211	BOYAR, JAMES M
212	KAUFFMAN, JIM E
215	GILBERTSON, ERIC J
216	JOHNSON, CELESTE
219	LOPEZ, HOLLY
220	GOTHUSO, NICHOLAS C
223	MENLO TRADING
	WILLIAMS, MARK S
224	LITTLE, JEFFREY W
227	SANDOVAL, SALVADOR S
228	SPEAR, RALPH E
231	GALERNEAU, GLENN A
232	MASUDA, ESTEBAN S
235	FOX, MICHAEL A
	TRU NONI
	TRU NONI ENTERPRISES
236	BORG, SUSAN R
239	ALESZKA, VIRGINIA Z
243	WHITNEY, ROBERT L
247	BURNSIDE, LAVEL R
251	MONGIRD, MARK
255	HAMILTON, DOUGLAS K
256	KOZLOWSKI, CHESTER J
259	FOSTER, EDWARD B
260	TURNER, BOB L
263	HENDREN, KAY M
264	MACLEOD, RODERICK H
267	DARNELL, A
268	AUSTIN, ED H
271	NIKOONAHAD, MEHRDAD
272	VANPELT, STEPHEN H
275	LAJOIE, KENNETH R
276	RICE, VALERIE J
279	VAUGHAN, CHRIS C
280	HERSCHLAG, DANIEL
283	LABARRE, RUSSELL F
287	OLSON, ERIK J
291	MUESSE, WAYNE W
295	BROTTEM, KATHRYN
297	BROKLING, LENY J
299	GETCHELL TECHNOLOGY SOLUTIONS
	GETCHELL, THOMAS N
301	DITTMAR, MICHAEL J

Target Street	Cross Street	Source
✔	-	Cole Information

SHERIDAN DR 2005

303	HAMMER, FREDERICK D
307	BC ENTERPRISES
	FORSHEE, BRUCE A
308	PHAM, BICHHUYEN T
311	NICHOLSON, ARTHUR
320	JAMES FLOOD MAGNET SCHOOL
	RIVERCOM WEB SERVICES

Target Street	Cross Street	Source
✔	-	Cole Information

TERMINAL AVE 2005

23	QUARLES, TED
50	BEECHWOOD SCHOOL
100	BELHAVEN COMMUNITY HEALTH CENTER
	HARRIS ONETTA COMMUNITY CENTER
	MENLO PARK CITY OF ONT HARRIS
150	OCCUPANT UNKNOWN,
160	MORENO, ARMANDO L
170	FIGUEROA, ANGELES
180	MANZO, EDUARDO
190	MATOS, JOSE A
200	DEAN, PERVEZ
207	SERNA, ARNULFO
209	GATES, MINNI D
215	OCCUPANT UNKNOWN,
219	CAMPBELL, KENNETH L
220	CHAVEZ, AMBROSIO S
223	BARKER, ANOVIA
224	ASKEW, ROBERT L
226	GRAY, JOHN D
231	OCCUPANT UNKNOWN,
234	FLORES, ANA M
235	GOMEZ, ARTURO
236	CRUZ HOUSEKEEPING
	OCCUPANT UNKNOWN,
239	TUIPULOTU, MOSESE L
243	HOUSTON, DAVID
	RICK ASSOCIATES
244	CALDERON, ANA H
247	MORA, ANTONIO C
251	CANO, ABARCA A
255	HODGES, LORINE
259	RAMOS, EDGAR S
260	COKER, JAMES L
263	ROSAS, SANTOS
267	FAKALATA, SIONE T
271	RODRIGUEZ, DEBORAH
275	POMALE, VILIAMI T
279	JIMENEZ, URIEL
283	VAZQUEZ, PRISCILIANO
287	SIBLEY, CYNTHIA M
291	ALVAREZ, MARIA
297	OCCUPANT UNKNOWN,
301	TORRES, MARTIN
310	SMOTHERS, KAMAU
311	ARREDONDO, MEYDA R
320	SMITH, ZACHARY M
321	WADE, CONNIE
330	FONTENOT, VICTORIA G
331	LOMBERA, ADAM
340	CONTRERAS, JESUS R

Target Street	Cross Street	Source
✔	-	Cole Information

TERMINAL AVE 2005 (Cont'd)

341	HARRIS, FREDRICK C
350	FOLAU, ISI
351	TAYLOR, OMARI
361	PULIDO, URIEL D
371	ENCORE ENTERTAINMENT
390	RODRIGUEZ, FEDERICO J
394	BICKERSTAFF, HD D

Target Street	Cross Street	Source
-	✓	Cole Information

VAN BUREN RD 2005

260 ACEVES, JORGE M
BOREAUX, MILTON
CONSTANTINO, MARCO
FAMILY SERVICE AGENCY OF SAN MATEO C
HAVEN FAMILY HO
MORENO, C P
TURNER, CYNTHIA A

Target Street	Cross Street	Source
-	✓	Cole Information

OAKHURST PL 2000

207	WILLIAMS, JUDITH L
208	LATORRE, HELEN M
211	BELL, C H
212	KAUFFMAN, JIM
215	GILBERTSON, ERIC J
216	OCCUPANT UNKNOWN,
219	OCCUPANT UNKNOWN,
220	OCCUPANT UNKNOWN,
223	GONG, ROY H
224	LITTLE, JEFFREY W
228	BORCHERT, L D
231	GALERNEAU SYLVIE DMD
	HAHN, GLENN
232	OCCUPANT UNKNOWN,
235	BECKFORD, JOSEPH G
236	BORG, SUSAN R
239	OCCUPANT UNKNOWN,
243	WHITNEY, ROBERT L
247	BURNSIDE, LAVEL
248	BRUFFY, G P
251	MONGIRD, MARK
255	HAMILTON, DOUGLAS K
256	KOULOWSKI, LANETTE
259	FOSTER, BRAD
260	ITUARTE, NINA
263	HENDREN, KAY M
264	MCCOLLOCH, JEFFREY F
267	MONKS, MERRI M
268	OCCUPANT UNKNOWN,
271	NIKOONAHAD, MEHRDAD
272	VANPELT, S H
275	LAJOIE, KENNETH
276	OCCUPANT UNKNOWN,
279	VAUGHAN, CHRIS
280	CROOKSTON, PEGGY
	HERSCHLAG, DAN
283	LABARRE, RUSSEL F
287	HANLON, L
291	WAYNE, MUESSE E
295	PHIPPS, ROBERT
297	BROKLING, LOUIS
299	GETCHELL, THOMAS
301	DITTMAR, MICHAEL

Target Street	Cross Street	Source
✔	-	Cole Information

SHERIDAN DR 2000

303 HAMMER, F D
307 FORSHEE, BRUCE A
308 SACHS, TODD S
320 DYER, DAVID A
RAVENSWOOD CITY SCHOOL DISTRICT

Target Street	Cross Street	Source
✔	-	Cole Information

TERMINAL AVE 2000

50	BEECHWOOD SCHOOL
100	BELLE HAVEN CHILD DEVELOPMENT CENTER
	BELLE HAVEN COMMUNITY CENTER
	BELLE HAVEN COMMUNITY HEALTH CLINIC
	LENDERS FOR COMMUNITY DEVELOPMENT
	MENLO PARK CITY OF
	MENLO PARK CITY OF CONTD ONETTA HARRIS COMMUNITY
	MENLO PARK CITY OF ONETTA HARRIS COMMUNITY CENTER
	SAN MATEO COUNTY OFFICES BELLE HVN COMMUNITY HEALTH CLINIC
150	MCLEMORE, ANNA
160	MORENO, ARMANDO
170	DEHORTA, F
180	MUNOZ, ROBERTO
190	JOHNSON, LIZ
200	MENDOZA, VICTOR I
203	FREEMAN, THERESA W
205	OCCUPANT UNKNOWN,
209	OCCUPANT UNKNOWN,
215	QUARLES, TED
219	CAMPBELL, LYDIA J
223	FLEMING, CAROLYN F
224	CONRAD, EDWARD C
226	GRAY, GAMPA
231	SANCHEZ, RUBEN
234	GARCIA, PEDRO
235	CAMPOS, DONATO
236	PALACIOS, ROBERTO
239	TUIPULOTU, A
243	OCCUPANT UNKNOWN,
244	MARTINEZ, ANA
247	MORA, AGUSTIN
251	OCCUPANT UNKNOWN,
255	HODGES, LORINE
259	RAMOS, EDGAR S
260	FAIRLEY, PAMELA M
263	MARTINEZ, CONSUEL
267	FAKALATA, M
271	POWELL, QUINCY T
275	TAU, LUKE M
279	JIMENEZ, URIEL
283	ALVIZAR, MARIA
287	CHAVEZ, RAMON D
	DIAZ, ARACELI
291	HEREDIA, EDWARD
295	LANGI, M
297	OCCUPANT UNKNOWN,
301	FONSECA, DAVID
310	LONG, AARON C
311	MADERO, C
320	SMITH, CLEMENT

Target Street	Cross Street	Source
✔	-	Cole Information

TERMINAL AVE 2000 (Cont'd)

321	WADE, B
330	FONTENOT, V
331	LOMBERA, ADAN
340	CONTRERAS, JESUS
341	OCCUPANT UNKNOWN,
350	TEU, MELE
361	YANKAH, NAOMI

Target Street	Cross Street	Source
-	✓	Cole Information

OAKHURST PL 1995

208	LATORRE, HELEN M
211	OCCUPANT UNKNOWNN
212	KAUFFMAN, JIM
215	GILBERTSON, ERIC J
216	OCCUPANT UNKNOWNN
219	MACRI, EVELYN
220	WIJMANS, JUDITH G
223	GONG, ROY H
224	LITTLE, JEFFREY W
227	SANDOVAL, S O
231	GALERNEAU, SYLVIE
	HAHN, GLENN
232	OCCUPANT UNKNOWNN
235	SKELTON, C
236	OCCUPANT UNKNOWNN
239	ALESZKA, BENJ J
247	BURNSIDE, LAVEL R
	QUALITY CONSTRUCTION CO
248	BRUFFY, G P
251	OCCUPANT UNKNOWNN
255	HAMILTON, DOUGLAS K
256	KOZLOWSKI, CHESTER J
259	FOSTER, BRAD
260	TURNER, ROBERT L
267	OCCUPANT UNKNOWNN
268	AUSTIN, ED
271	OCCUPANT UNKNOWNN
272	VANPELT, S H
275	OCCUPANT UNKNOWNN
276	WILLIS, JACK J
279	LAPHAM, ROBERT V
280	CROOKSTON, PEGGY
	HERSCHLAG, DAN
283	MONTGOMERY, JUNE A
287	HANLON, L R
291	GROVE, JEAN
295	WEBER, JOCELYN
297	BROKLING, LOUIS
299	JOHNSON, RUSSELL
301	DITTMAR, MICHAEL

Target Street	Cross Street	Source
✔	-	Cole Information

SHERIDAN DR 1995

303 BOLAND, M A
307 FORSHEE, BRUCE A
320 JAMES FLOOD ELEMENTARY SCHOOL

Target Street	Cross Street	Source
✔	-	Cole Information

TERMINAL AVE 1995

50	BEECHWOOD SCHOOL
100	BELLE HAVEN CHILD DEV CTR
	BELLEHAVEN POOL
	ONETTA HARRIS COMMUNITY CTR
	ONETTA HARRIS SENIOR CTR
150	MCLEMORE, ANNE
160	RIOS, FLAVIO
170	LOPEZ, MARIO A
180	OCCUPANT UNKNOWNN
190	KNIGHT, LOUIS
200	OCCUPANT UNKNOWNN
203	OCCUPANT UNKNOWNN
207	OCCUPANT UNKNOWNN
209	OCCUPANT UNKNOWNN
215	QUARLES, TED
219	CAMPBELL, LYDIA J
223	ALEXANDER, ELIZA
224	ASKEW, DOROTHY A
226	OCCUPANT UNKNOWNN
231	OCCUPANT UNKNOWNN
235	HERNANDEZ, DOLORES
236	OCCUPANT UNKNOWNN
239	TUIPULOTU, MOSESE
243	OCCUPANT UNKNOWNN
247	OCCUPANT UNKNOWNN
251	OCCUPANT UNKNOWNN
255	OCCUPANT UNKNOWNN
259	OCCUPANT UNKNOWNN
260	OCCUPANT UNKNOWNN
263	OCCUPANT UNKNOWNN
267	OCCUPANT UNKNOWNN
271	ESSENTIAL HOUSECLEANING SVC
	OCCUPANT UNKNOWNN
275	OCCUPANT UNKNOWNN
279	JIMINEZ, URIEL
283	OCCUPANT UNKNOWNN
287	CHAVEZ, RAMON D
291	OCCUPANT UNKNOWNN
295	OCCUPANT UNKNOWNN
297	LARIOS, MIGUEL
301	CORREA, JOSE M
307	OCCUPANT UNKNOWNN
310	MCDADE, SONIA
311	OCCUPANT UNKNOWNN
320	CARLISLE, VANESSA
	SMITH, CLEMENT
321	WADE, B G
330	OCCUPANT UNKNOWNN
331	LOMBERA, ADAN
341	OCCUPANT UNKNOWNN

Target Street	Cross Street	Source
✔	-	Cole Information

TERMINAL AVE 1995 (Cont'd)

350	OCCUPANT UNKNOWNN
351	TAYLOR, OPHELIA C
361	OCCUPANT UNKNOWNN
371	MONGOMERY, RACHEL

Target Street	Cross Street	Source
-	✓	Cole Information

VAN BUREN RD 1995

260 BROWN, PENNY
DAVIS, RACHEL
GREER, CHARLES
HAVEN FAMILY HOUSE

Target Street	Cross Street	Source
-	✓	Cole Information

OAKHURST PL 1992

208	LATORRE, FRANK
212	KAUFFMAN, JAMES
216	JOHNSON, ROBERT M
219	MACRI, EVELYN
220	WIJMANS, J G
223	GONG, ROY H
224	LITTLE, JEFFREY W
236	TEDESCO, JEFF
239	ALESZKA, BENJ J
247	BURNSIDE CONSTR CO
248	BRUFFY, G P
255	HAMILTON, DOUGLAS K
260	TURNER, ROBERT L
268	AUSTIN, ED
271	BRONNER, SHIRIN
	KHALOGHLI, SHAHLA
275	LAJOIE, KENNETH R
276	WILLIS, JACK J
279	LAPHAM, ROBERT V
287	HANLON, L R
291	GROVE, JEAN
295	PHIPPS, ROBERT
297	BROKLING, LOUIS
299	GETCHELL, THOMAS
301	DITTMAR, MICHAEL

Target Street	Cross Street	Source
✔	-	Cole Information

SHERIDAN DR 1992

303 BOLAND, M A
307 FORSHEE, BRUCE A
320 RAVENSWOOD SC FLOOD

Target Street	Cross Street	Source
✔	-	Cole Information

TERMINAL AVE 1992

50	BEECHWOOD SCHOOL
100	BELLE HAVN CHLD CT
	MENLO PK CTY BL HVN
150	HAMPTON, RENEE
	MCLEMORE, ANNE
190	KNIGHT, LOUIS
219	CAMPBELL, LYDIA J
223	ALEXANDER, ELIZA
226	PARISH, LUCILLE M
263	COLLINS, ETHEL A
271	ESSENTIAL HSCLNG SV
279	JIMENEZ, URIEL
287	CHAVEZ, RAMON D
301	CORREA, JOSE M
307	CONTRERAS, ALMA D
310	WARD, SANDRA J
320	CARLISLE, VANESSA
	SMITH, CARMEN
331	LOMBERA, MARIA
390	FLORES, ANGELA
394	BICKERSTAFF, HARVEY

Target Street	Cross Street	Source
-	✓	Cole Information

VAN BUREN RD 1992

260 HAVEN FAMILY HOUSE

Target Street	Cross Street	Source
-	✓	HAINES AND COMPANY

OAKHURST PL 1986

OAKHURST PL 94025
MENLO PARK

208	LATORRE FRANK	322-1470	
212	WEINGARTNER ALLAN P	323-1293	
216	JOHNSON ROBERT M	325-2792	
219	MACRI SAML A	324-4069	
220	SCOTT N V	323-5341	
223	GONG ROY H	325-3058	5
224	LITTLE J	323-9254	9
232	XXXX	00	
236	VONHOLDT RICHARD E	325-3470	4
239	ALESZKA BENJAMIN J	323-5989	
243	WHITNEY ROBT L	322-4122	
247	**BURNSIDE CONSTR CO**	**327-3522**	5
	BURNSIDE LAVEL	322-3349	
248	BRUFFY G P MRS	322-8379	
251	DUPELL JOHN P JR	325-0123	1
255	HAMILTON DOUGLAS K	323-3519	
259	RULLHAUSEN W P	322-8568	
260	TURNER ROBT L	325-6041	
264	MILLER EDWARD	324-3139	
268	AUSTIN ED	325-1802	
	AUSTIN JACQUIE	325-1802	
271	BRONNER SHIRIN	326-7186	0
272	VANPELT S H	323-1619	4
275	LAJOIE KENNETH R	322-9791	
276	WILLIS JACK J	324-2855	9
279	LAPHAM ROBERT V	322-8373	
280	MILLER R E	325-3133	
287	HANLON LAWRENCE R	326-7613	8
291	GROVE JEAN MRS	322-6079	
295	RUBIN DAVID	322-4313	
297	BROKLING LOUIS	322-9226	
299	EISLER C K	325-0549	
301	KELLY DAWN	325-4865	
	KELLY RAYMOND J	325-4865	0

★ 1 BUS 33 RES 0 NEW

Target Street	Cross Street	Source
✓	-	HAINES AND COMPANY

SHERIDAN DR 1986

SHERIDAN DR 94025
MENLO PARK

307	FORSHEE BRUCE A	324-2132	2
308	LELAND J	321-4476	1
311	NICHOLSON ARTHUR 3D	322-4379	5
★	0 BUS 3 RES	0 NEW	

Target Street	Cross Street	Source
-	✓	HAINES AND COMPANY

TERMINAL AVE 1986

TERMINAL AV 94025
MENLO PARK

100	BELLE HAVN CHLD CT	322-0158	0
	BELLE HAVN CMNT CTR	322-4578	1
	BELLEHAVEN POOL	322-1500	0
	MENLO PK CTY BL HVN	322-0158	2
	MENLO PK CTY ONETTA	322-1594	1
	MENLO PK CTY ONETTA	322-4578	1
	MENLO PK CTY ONETTA	329-0145	3
150	MCLEMORE ANNA	326-6949	5
	MCLEMORE ANNE	323-0768	4
160	WILSON GLADYS	324-9456	1
205	TURNER P T	323-7691	4
207	BARRIOS SALVADOR	326-5326	5
	PENINSLA JANITORIAL	323-2905	5
219	CAMPBELL L J REV	323-2868	9
220	CARNELL SAML	327-4827	2
223	ALEXANDER ELIZA	324-0209	
	POE JULIA	325-1911	5
226	SPERLING JAS	325-6329	
236	BARBOUR KEVIN	325-4506	8
247	PALOMARES A	323-4469	5
260	COKER JAMES JR	321-0529	8
267	COLBERT DONNA	321-6894	0
271	POWELL QUINCY TEX	325-1863	9
275	MILLS ANNE	322-1935	5
279	CUEVAS REYES	326-7197	5
283	WATSON WILL B	323-0146	
287	MIQUEO ANGELINA	326-4221	5
291	GARCIA ENRIQUE	325-7707	9
311	XXXX	00	
320	SMITH CLEMENTINE	325-6855	4
321	XXXX	00	
361	STRATON JOE	327-5772	0
371	BRADY GEO W	324-3921	
390	FLORES ANGELA	326-2677	5
★	8 BUS 26 RES	0 NEW	

Target Street	Cross Street	Source
-	✓	HAINES AND COMPANY

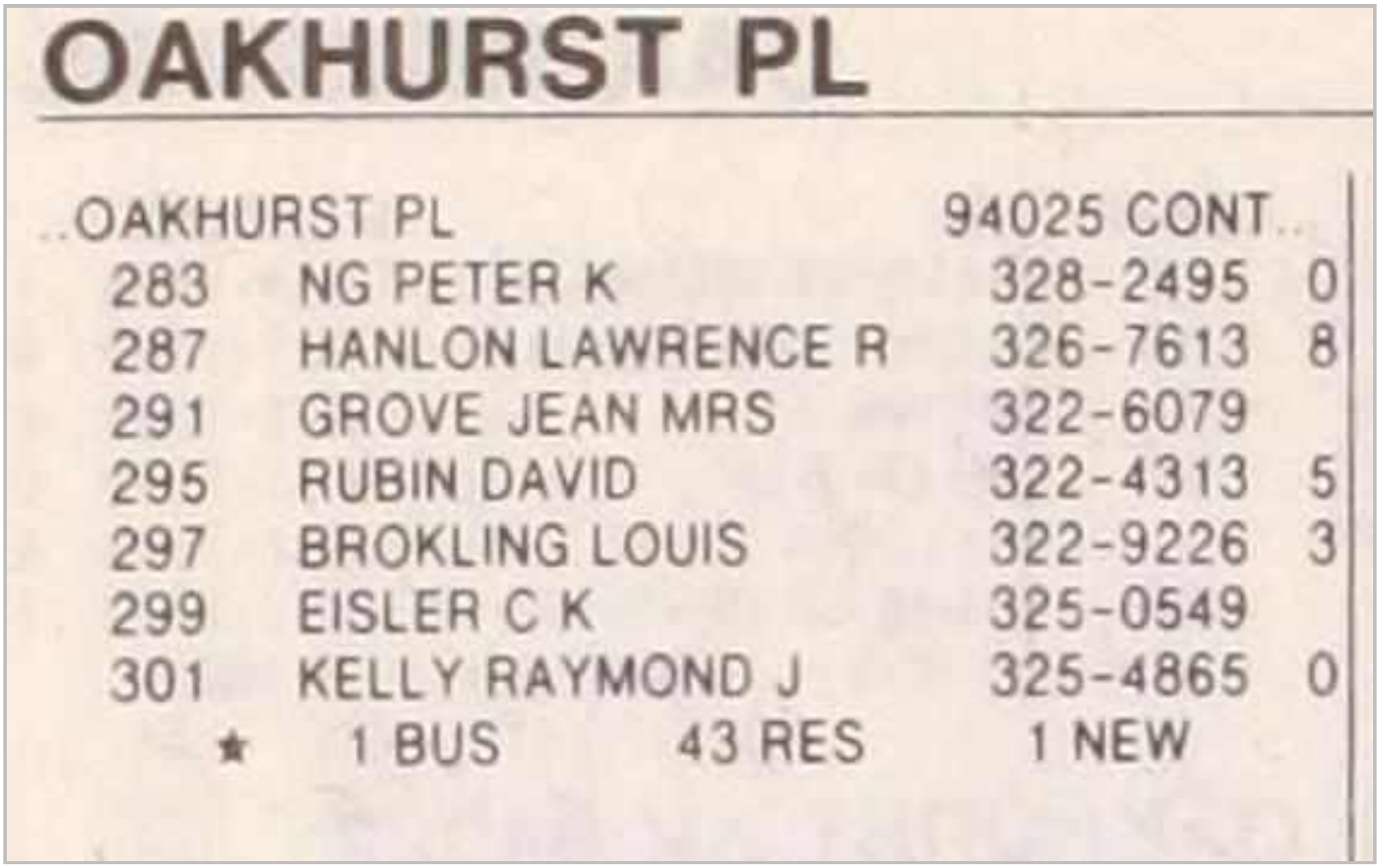
OAKHURST PL 1981

OAKHURST PL 94025
MENLO PARK

207	AXTELL L L	322-2075	5
208	LATORRE FRANK	322-1470	
211	HUNT TAYLOR DWIGHT	323-2234	7
212	WEINGARTNER ALLAN P	323-1293	
215	DALTON PARKER CLAIR	321-7574	0
	LEFF BARRY	321-7574	0
	ZRAMACHANDRAN G	321-7574	0
216	JOHNSON ROBERT M	325-2792	
219	MACRI SAML A	324-4069	
220	SCOTT N V	323-5341	3
224	LITTLE J	323-9254	9
228	CHAPIN THEODORE N	325-8397	
232	XXXX	00	
236	ZAFRAN M	325-3430	5
239	ALESZKA BENJAMIN J	323-5989	
243	WHITNEY ROBT L	322-4122	
247	BURNSIDE LAVEL	322-3349	5
248	BRUFFY G P MRS	322-8379	
251	JONES DOUGLAS C	325-8594	0
	JONES&ASSOCIATES	**327-8916**	0
255	HAMILTON DOUGLAS K	323-3519	2
256	BARNES K FABIAN	323-1436	0
	SHROPSHIRE K L	323-1436	0
259	RULLHAUSEN W P	322-8568	3
260	TURNER NATALIE	325-6041	
263	BUCK JACK A	323-2693	
264	MILLER MARIE F	324-3139	5
267	JOHNSON JOHN	327-6064	0
268	AUSTIN ED	325-1802	
271	BRONNER REGINALD JR	326-7186	0
	KHALOGHLI SHIRIN	326-7186	0
272	PODOLL R TOM	325-3830	0
	TROY OWEN A PASTR	328-1482	9
275	LAJOIE KENNETH R	322-9791	+1
276	WILLIS JACK J	324-2855	9
279	LAPHAM ROBERT V	322-8373	
280	MILLER R E	325-3133	3

Target Street	Cross Street	Source
-	✓	HAINES AND COMPANY

OAKHURST PL 1981

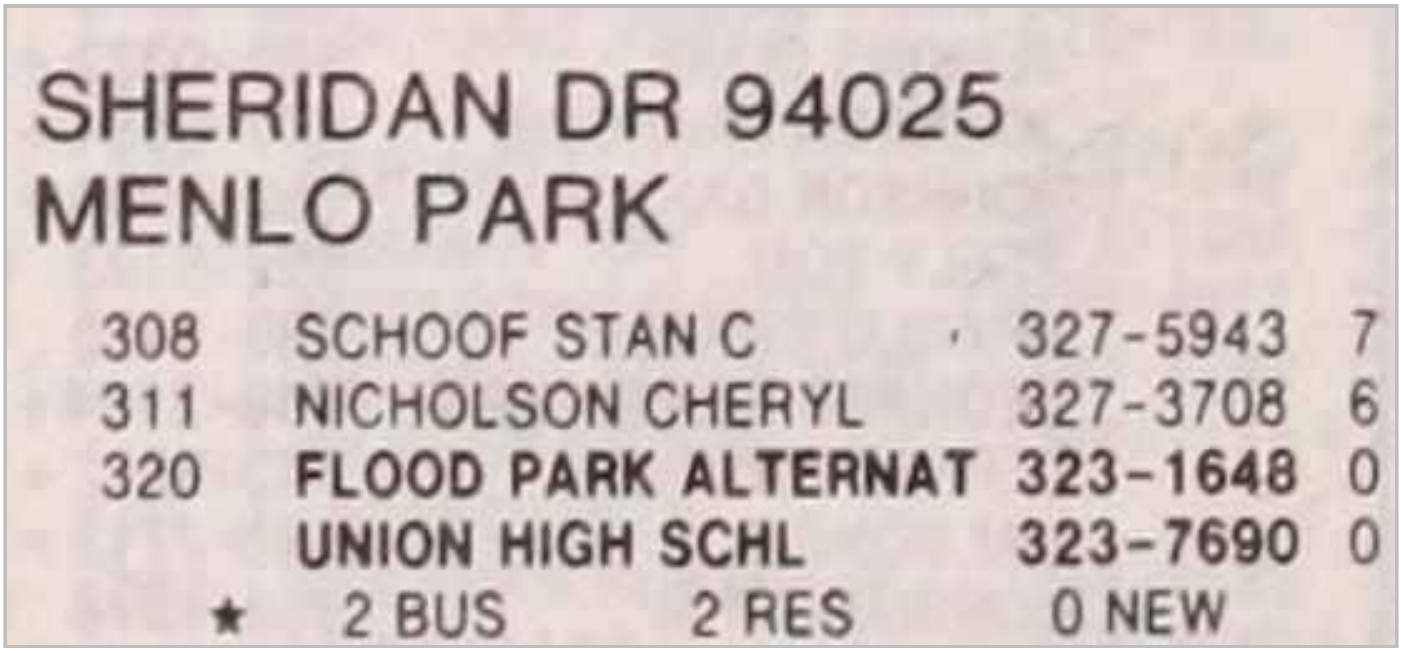


OAKHURST PL

..OAKHURST PL		94025 CONT..	
283	NG PETER K	328-2495	0
287	HANLON LAWRENCE R	326-7613	8
291	GROVE JEAN MRS	322-6079	
295	RUBIN DAVID	322-4313	5
297	BROKLING LOUIS	322-9226	3
299	EISLER C K	325-0549	
301	KELLY RAYMOND J	325-4865	0
★	1 BUS 43 RES	1 NEW	

Target Street	Cross Street	Source
✓	-	HAINES AND COMPANY

SHERIDAN DR 1981



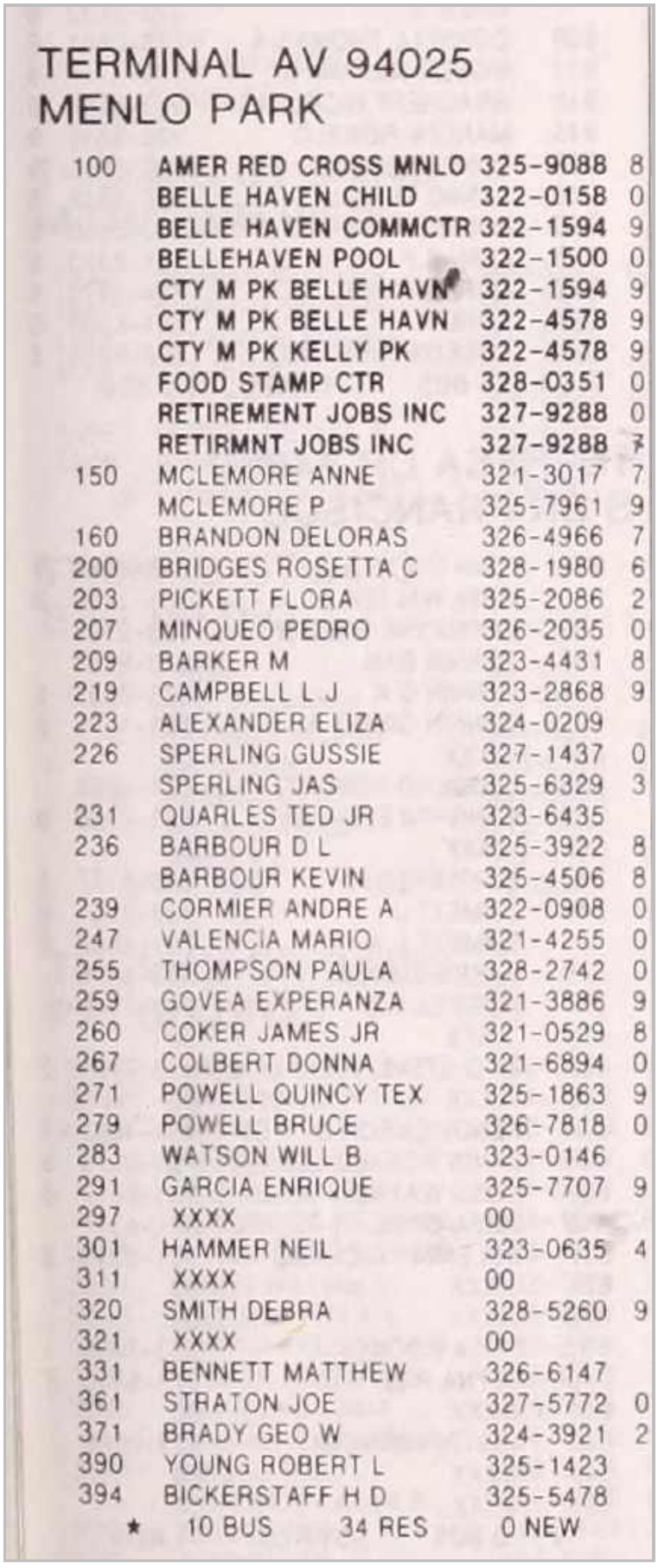
SHERIDAN DR 94025
MENLO PARK

308	SCHOOF STAN C	327-5943	7
311	NICHOLSON CHERYL	327-3708	6
320	FLOOD PARK ALTERNAT	323-1648	0
	UNION HIGH SCHL	323-7690	0

★ 2 BUS 2 RES 0 NEW

Target Street	Cross Street	Source
-	✓	HAINES AND COMPANY

TERMINAL AVE 1981



TERMINAL AV 94025
MENLO PARK

100	AMER RED CROSS MNLO	325-9088	8
	BELLE HAVEN CHILD	322-0158	0
	BELLE HAVEN COMMCTR	322-1594	9
	BELLEHAVEN POOL	322-1500	0
	CTY M PK BELLE HAVN	322-1594	9
	CTY M PK BELLE HAVN	322-4578	9
	CTY M PK KELLY PK	322-4578	9
	FOOD STAMP CTR	328-0351	0
	RETIREMENT JOBS INC	327-9288	0
	RETIRMNT JOBS INC	327-9288	7
150	MCLEMORE ANNE	321-3017	7
	MCLEMORE P	325-7961	9
160	BRANDON DELORAS	326-4966	7
200	BRIDGES ROSETTA C	328-1980	6
203	PICKETT FLORA	325-2086	2
207	MINQUEO PEDRO	326-2035	0
209	BARKER M	323-4431	8
219	CAMPBELL L J	323-2868	9
223	ALEXANDER ELIZA	324-0209	
226	SPERLING GUSSIE	327-1437	0
	SPERLING JAS	325-6329	3
231	QUARLES TED JR	323-6435	
236	BARBOUR D L	325-3922	8
	BARBOUR KEVIN	325-4506	8
239	CORMIER ANDRE A	322-0908	0
247	VALENCIA MARIO	321-4255	0
255	THOMPSON PAULA	328-2742	0
259	GOVEA EXPERANZA	321-3886	9
260	COKER JAMES JR	321-0529	8
267	COLBERT DONNA	321-6894	0
271	POWELL QUINCY TEX	325-1863	9
279	POWELL BRUCE	326-7818	0
283	WATSON WILL B	323-0146	
291	GARCIA ENRIQUE	325-7707	9
297	XXXX	00	
301	HAMMER NEIL	323-0635	4
311	XXXX	00	
320	SMITH DEBRA	328-5260	9
321	XXXX	00	
331	BENNETT MATTHEW	326-6147	
361	STRATON JOE	327-5772	0
371	BRADY GEO W	324-3921	2
390	YOUNG ROBERT L	325-1423	
394	BICKERSTAFF H D	325-5478	

* 10 BUS 34 RES 0 NEW

Target Street	Cross Street	Source
-	✓	HAINES AND COMPANY

VAN BUREN RD 1981

VAN BUREN RD 94025
MENLO PARK

260	**BELLE HAVEN MOTEL**	323-5267
	BOLIK THOMAS A	328-6995 0
★	1 BUS 1 RES	0 NEW

Target Street	Cross Street	Source
-	✓	POLK DIRECTORY CO

OAKHURST PL 1978

OAKHURST PL —FROM 1043 GREENWOOD DR EAST IN A SEMI-CIRCLE

ZIP CODE 94025

207 Axtell Linda L 322-2075
208 Latorre Frank J ◎ 322-1470
211 No Return
212 Wingartner Allan P ◎ 323-1293
215★Bateson Hillary
216 Johnson Robt M ◎ 325-2792
219 Macri Saml A ◎ 324-4069
220 Scott Nataline V ◎ 323-5341
223 Mc Clenaman Nancy 326-6520
224 Mc Carthy Robt J ◎ 323-9991
227★Sandoval Salvadore 323-6283
228 Chapin Theo N ◎ 325-8397
231 Adler Gordon ◎ 325-2232
232 Lalka Leonard J ◎ 323-3202
235 Smotherman Wm P 326-5153
236 Zafran Anne Mrs ◎ 325-3430
239 Aleszka Benj J ◎ 323-5989

Target Street	Cross Street	Source
-	✓	POLK DIRECTORY CO

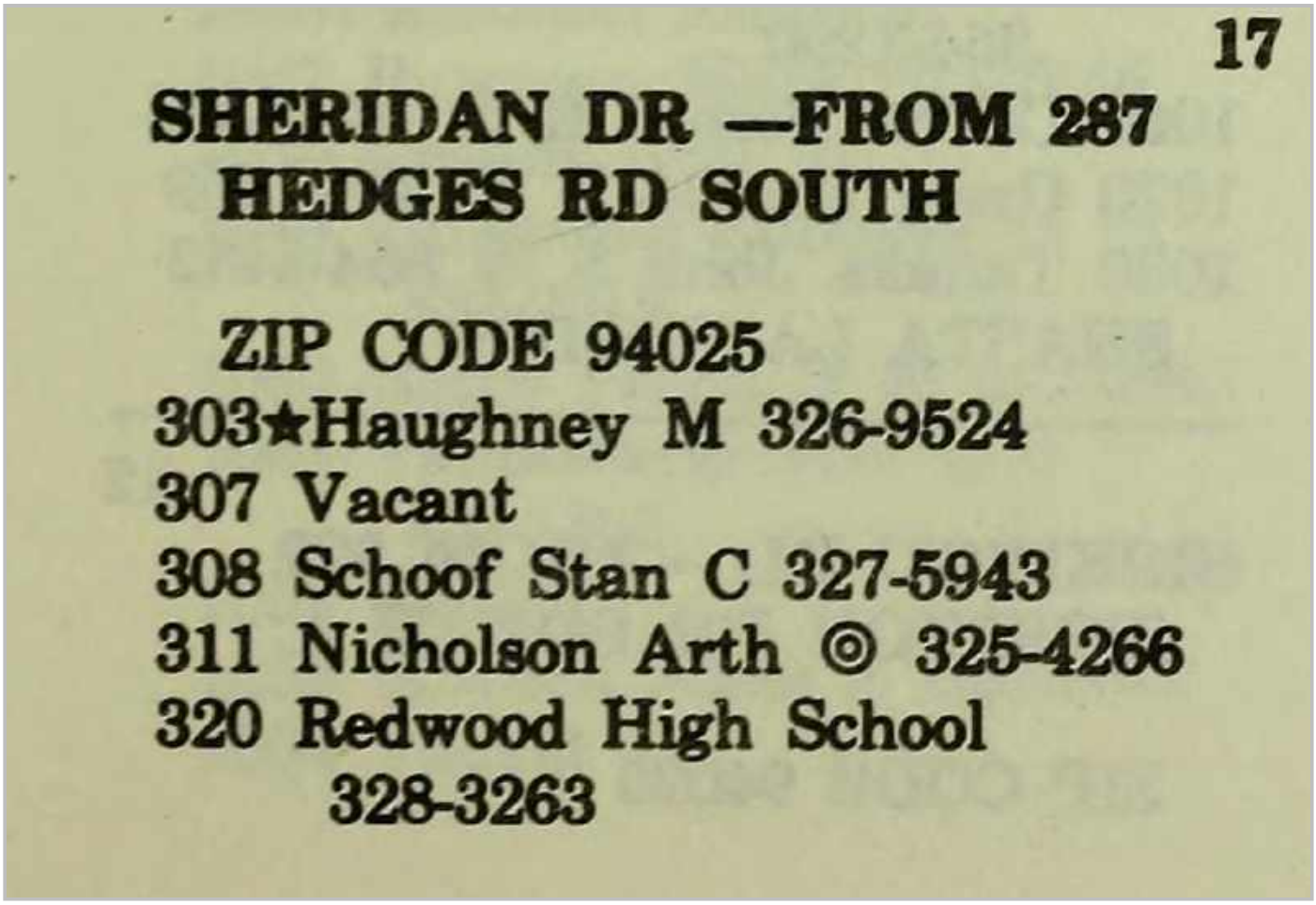
OAKHURST PL 1978

243 Whitney Robt L ◎ 322-4122
247 Burnside Lavel ◎ 322-3349
248 Bruffy Geo P ◎ 322-8379
251 Levy Lawrence 327-7784
255 Hamilton Douglas K ◎ 323-3519
256★Butts Gregory L ◎ 323-3514
259 Rullhausen Wm P ◎ 322-8568
260 Turner Natalie Mrs ◎ 325-6041
263 Buck Ida Mrs ◎ 323-2693
264 Miller Edw B 324-3139
267 Tarnoczy Agnes Mrs ◎ 323-1908
268 Austin Edw H ◎ 325-1802
271 Grove Danl ◎ 323-6446
272★Troy Owen Rev 328-1482
275 Lajoie Ken ◎ 322-9791
276 No Return
279 Lapham Robt ◎ 322-8373
280 Miller Roger E ◎ 325-3133
283 Warner Winifred Mrs ◎ 323-9652
287 Vacant
291 Grove Jean Mrs ◎ 322-6079
295 Rubin David 322-4313
297 Brokling Louis G ◎ 322-9226
299 Eisler Jeannette Mrs ◎ 325-0549
301 No Return

GREENWOOD DR INTERSECTS

Target Street	Cross Street	Source
✓	-	POLK DIRECTORY CO

SHERIDAN DR 1978



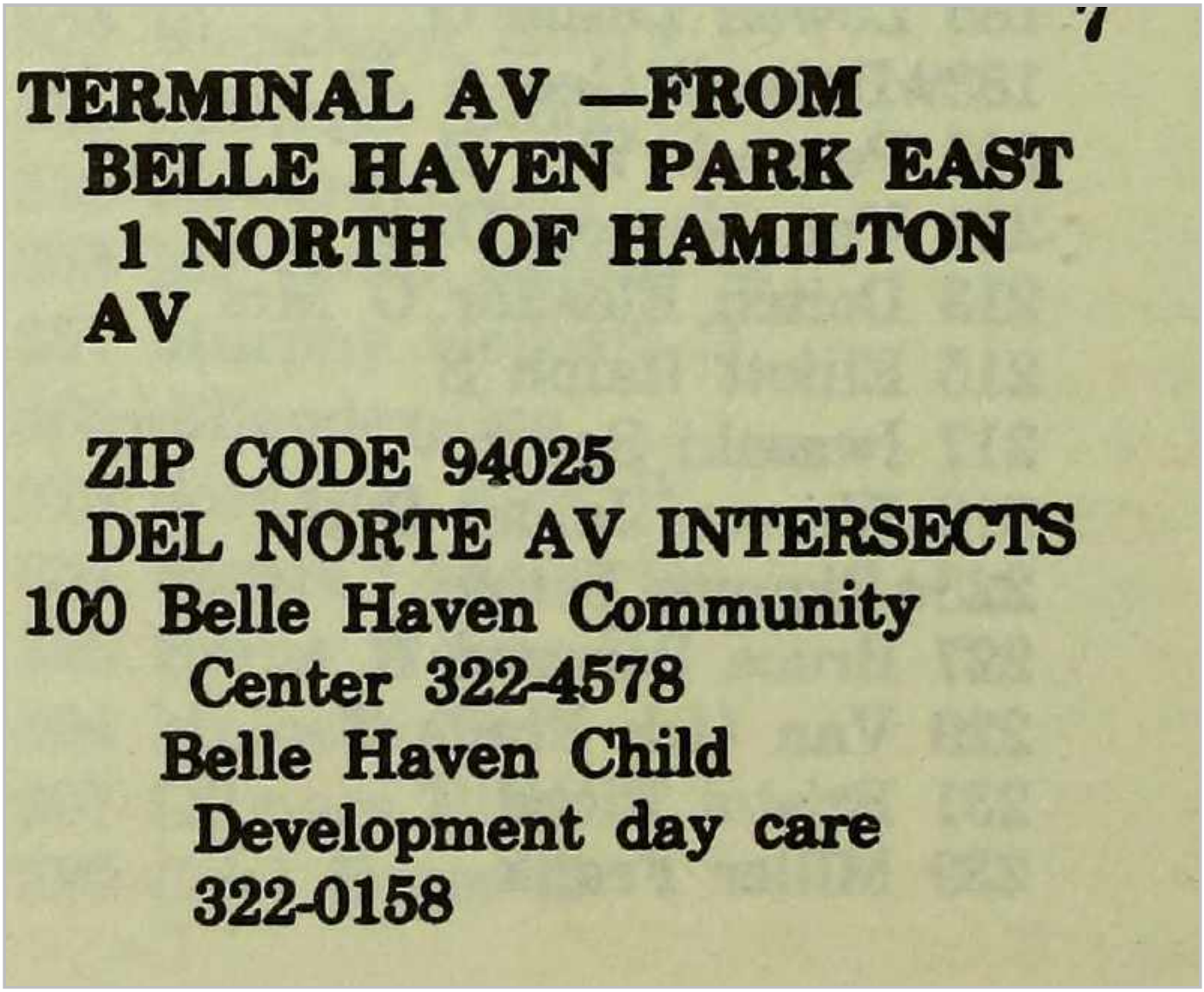
17

SHERIDAN DR —FROM 287
HEDGES RD SOUTH

ZIP CODE 94025
303★Haughney M 326-9524
307 Vacant
308 Schoof Stan C 327-5943
311 Nicholson Arth ◎ 325-4266
320 Redwood High School
328-3263

Target Street	Cross Street	Source
-	✓	POLK DIRECTORY CO

TERMINAL AVE 1978



Target Street	Cross Street	Source
-	✓	POLK DIRECTORY CO

TERMINAL AVE 1978

TERMINAL AV—Contd
American Red Cross (Golden Gate Chapter) 325-9088
150 Mc Lemore Lepoleon L ◎
160 Neal Clarence
170 Gunn Lawrence C ◎
180 Bynum Curtis
190 Knight Louis K 325-7997
200 Bridges Earl Jr 328-1980
PLUMAS AV INTERSECTS
203★Davis Bobbie 325-2086
205 Lacy Ernest ◎
207 Miller Clifford
209 Barker Mary A Mrs ◎ 322-3068
215 Wise James A ◎
219 Campbell Lavoughn J Rev ◎ 323-2868
220 Brooks Willie M Mrs ◎
223 Alexander Eliza Mrs 324-0209
224 Campbell David L
226 Sperling James 325-6329
231 Quarles Ted Jr ◎ 323-6435
HILL AV INTERSECTS
234 Prime Paul
235 Holland Willard M
236 Barbour Paul L ◎ 325-0282
239 Cormier Warren
MODOC AV INTERSECTS
243 Grooms Alma E Mrs ◎
244 Vacant
247 Wilson Ola Mrs ◎ 327-3928
251★Ocampo Paulino 325-0694
255★Hodge Lorraine ◎ 328-2970
259 Vacant
260 Coker James L ◎
ALMANOR AV INTERSECTS
263 Collins Ethel 325-4607
267 Brown Joe W ◎ 322-8090
271 Powell Quincy ◎ 322-1287
275 Robinson Willie 321-4804
279★Saint James Maurice
283 Watson Will B ◎ 323-0146
287 Price Joe 328-2971
291 Sloan Minnie B Mrs ◎ 325-2180
295 Clemons Mattie Mrs 325-7165
297 Cockerham Margt ◎ 322-0957
301 Hammer Victoria C Mrs ◎ 323-0635
310 Jackson Gwen 323-4277
311 Bland Charles
320 Smith Clementine Mrs 325-1716
321 Wade Beatrice G Mrs ◎
330 Cantera Wanda 326-7653
331 Bennett Matthew ◎ 326-6147
341 Harris Onetta M Mrs
350★Minter Kenneth 328-2236
351 Vacant
361★Molley Elvin ◎
371 Brady Geo W ◎ 324-3921
390 Young Robt L ◎ 325-1423
394 Bickerstaff H D ◎ 325-5478

11

TIOGA DR —FROM LA LOMA DR WEST AND SOUTHWEST

ZIP CODE 94025
2230 Pizzella Steph ◎ 854-2230
2235 Simpson Geo ◎ 854-5859
CASCADE DR INTERSECTS
2240 Marshall Charles S ◎ 854-0884
2245 Taylor Charles A ◎ 854-3941
SIERRA DR INTERSECTS
2250 Rice Reginald W ◎ 854-4967
2255★Martin Eff ◎ 854-5649
2260 Jensen E A ◎ 854-3798
2265 Mc Call Leonard S ◎ 854-5678
SIERRA DR INTERSECTS
2270 Galli Frank C Jr ◎ 854-4512
2275 Solveson Harvey T ◎ 854-5552
2280 Krost Robt J ◎
2285 Blaine Terrence H ◎ 854-3171
2290 Davenport Roy M ◎ 854-6711
CONTINENTAL DR INTERSECTS
2305 Ciardella James J ◎
2315 Mc Carthy Edmond T ◎ 854-6663
2325 Allan E C Mrs ◎ 854-0491
LASSEN DR INTERSECTS
2355 Snell Wade H 854-4644
TRINITY DR INTERSECTS

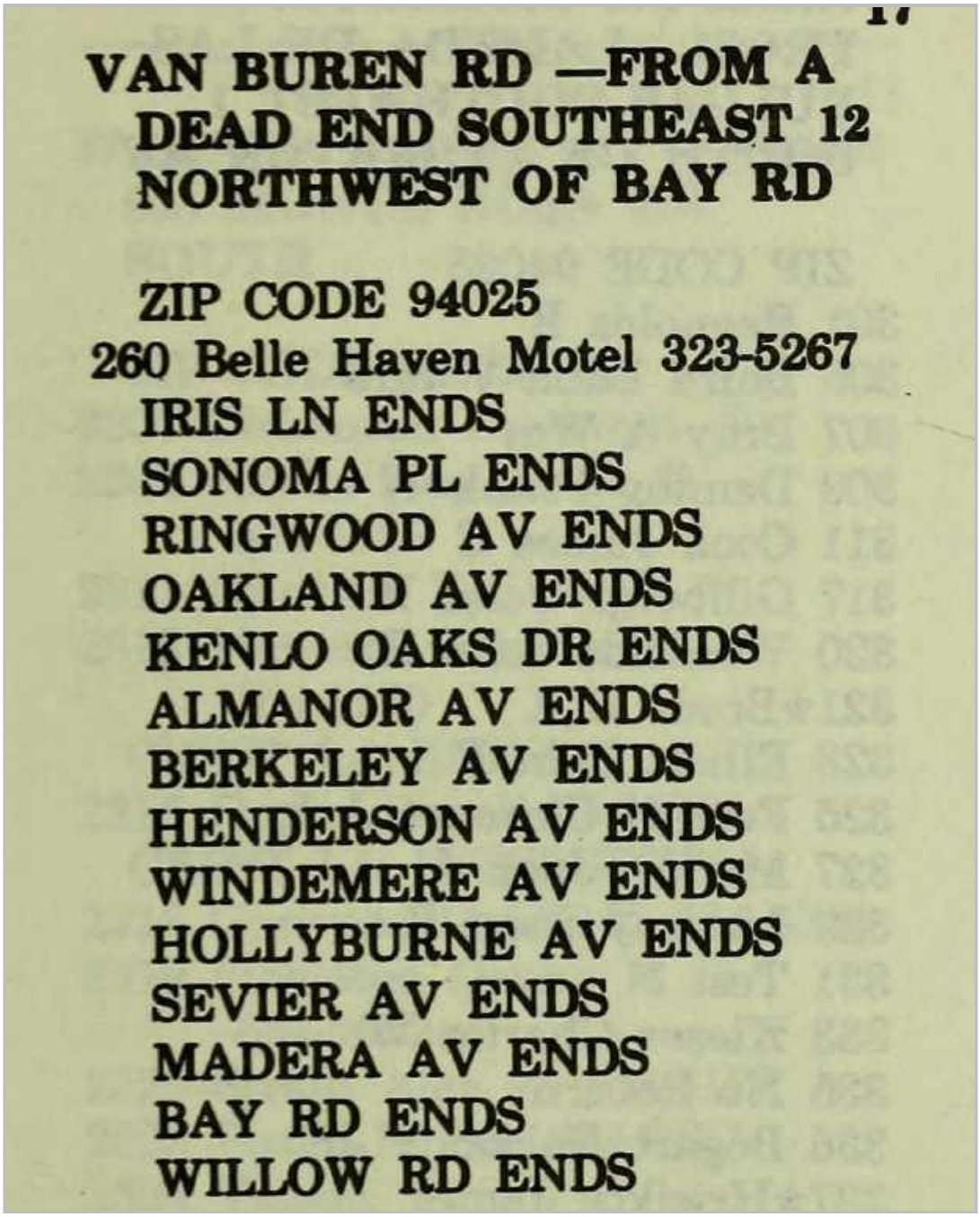
100

TOYON RD (ATHERTON) FROM CITY LIMITS AT RINGWOOD AV WEST 1 NORTH OF MIDDLEFIELD RD

ZIP CODE 94025
1 Jarvis Wm E
2 Levine Saul R

Target Street	Cross Street	Source
-	✓	POLK DIRECTORY CO

VAN BUREN RD 1978



17

VAN BUREN RD —FROM A
DEAD END SOUTHEAST 12
NORTHWEST OF BAY RD

ZIP CODE 94025
260 Belle Haven Motel 323-5267
IRIS LN ENDS
SONOMA PL ENDS
RINGWOOD AV ENDS
OAKLAND AV ENDS
KENLO OAKS DR ENDS
ALMANOR AV ENDS
BERKELEY AV ENDS
HENDERSON AV ENDS
WINDEMERE AV ENDS
HOLLYBURNE AV ENDS
SEVIER AV ENDS
MADERA AV ENDS
BAY RD ENDS
WILLOW RD ENDS

Target Street	Cross Street	Source
-	✓	POLK DIRECTORY CO

OAKHURST PL 1973

OAKHURST PL —FROM 1043 GREENWOOD DR EAST IN A SEMI-CIRCLE

ZIP CODE 94025

207 ★ Tarabochia Henry
208 Latorre Frank J ◎ 322-1470
211 Wilson Doris K Mrs 323-5257
212 Wingartner Allan P 323-1293
215 ★ Hanson Robt
216 Johnson Robt M ◎ 325-2792
219 Macri Saml A ◎ 324-4069
220 ★ Scott Nataline V ◎ 323-5341
223 Ruggles Martin J 323-4718
224 Lawson La Verne
227 Sandoval Sal 369-3775
228 Chapin Theo N ◎ 325-8397
231 Tasso Thos L ◎ 322-4918
232 Lalka Leonard J ◎
235 ★ Delse Fred 325-9445
236 Nuzzo Richd P ◎ 325-8924
239 Aleszka Benj J ◎ 323-5989
243 Whitney Robt L ◎ 322-4122
247 ★ Sanders Mark ◎
248 Bruffy G P Mrs 322-8379
251 ★ Delatore John

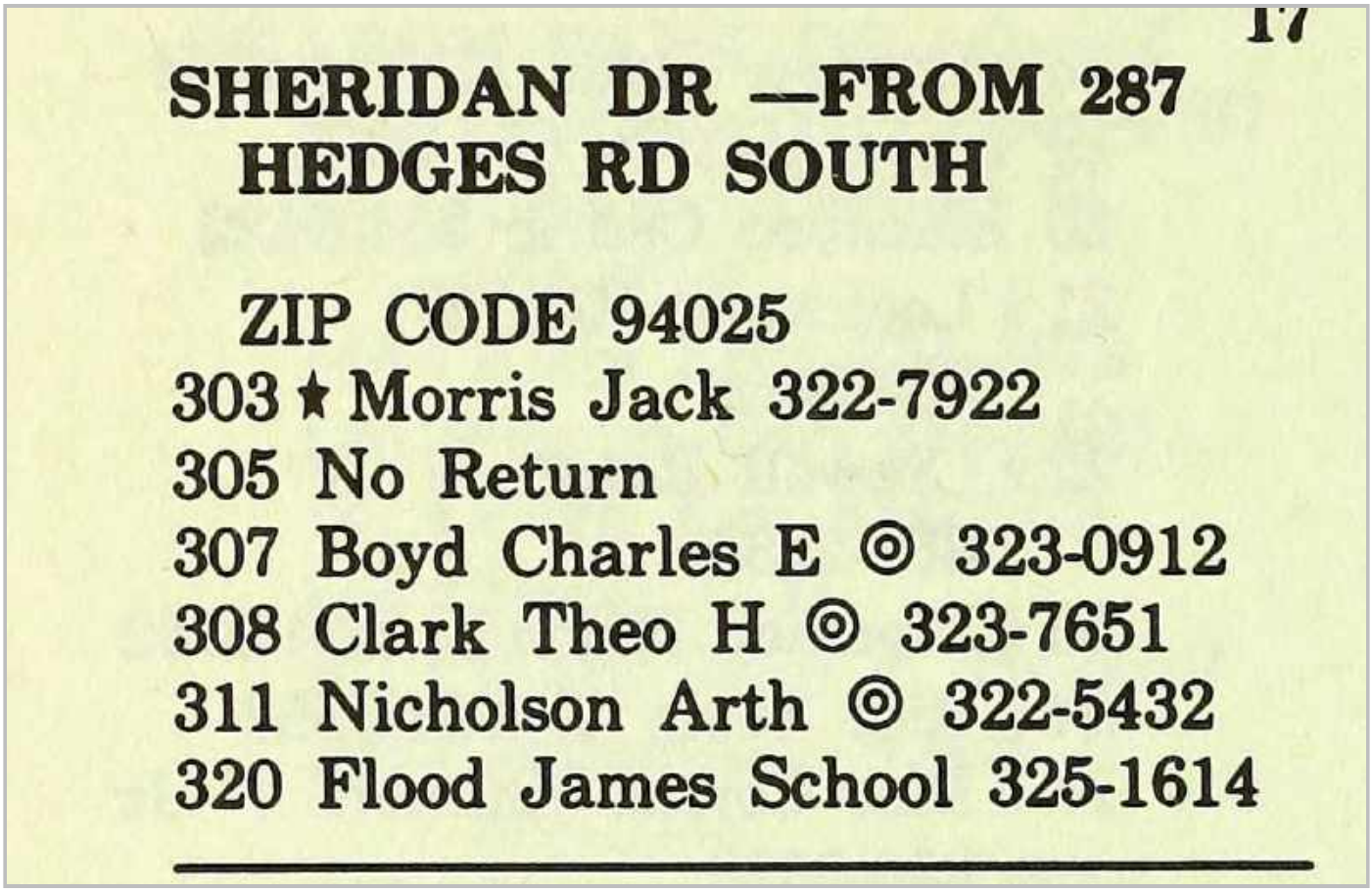
Target Street	Cross Street	Source
-	✓	POLK DIRECTORY CO

OAKHURST PL 1973

255 Brown Kenneth R ◎ 324-2023
256 ★ Brinton Robt ◎ 325-5263
259 Rullhausen Wm P ◎ 322-8568
260 Turner Robt L ◎ 325-6041
263 Buck Jack A ◎ 323-2693
264 ★ Fullerton Dennis A 322-5863
267 Tarnoczy Steve ◎ 323-1908
268 Austin Edw H 325-1802
271 Grove Danl ◎ 323-6446
272 Jones Bevan 325-5795
275 Lajoie Ken ◎ 322-9791
276 Willis Jack J ◎ 324-2855
279 Lapham Robt ◎ 322-8373
280 ★ Miller R E 325-3133
283 Warner Winifred Mrs ◎
323-9652
287 Daneluz Galliano ◎ 323-5383
291 Grove Jean Mrs ◎ 322-6079
295 No Return
297 Brokling Louis G ◎ 325-0246
299 Eisler Carl K ◎ 325-0549
301 Sandoval Esteban 325-9537

Target Street	Cross Street	Source
✔	-	POLK DIRECTORY CO

SHERIDAN DR 1973



17

SHERIDAN DR —FROM 287 HEDGES RD SOUTH

ZIP CODE 94025

303 ★ Morris Jack 322-7922
305 No Return
307 Boyd Charles E ◎ 323-0912
308 Clark Theo H ◎ 323-7651
311 Nicholson Arth ◎ 322-5432
320 Flood James School 325-1614

Target Street	Cross Street	Source
-	✓	POLK DIRECTORY CO

TERMINAL AVE 1973

7

TERMINAL AV —FROM BELLE HAVEN PARK EAST 1 NORTH OF HAMILTON AV

ZIP CODE 94025

DEL NORTE AV INTERSECTS

150 Mc Lemore Lepoleon L ◎ 322-8669
160 Wilson Charles ◎
170 Gunn Lawrence C ◎
180 Bynum Curtis
190 Knight Louis K
200 ★ Bridges Carl 323-6623

PLUMAS AV INTERSECTS

203 Davis Bobby 325-2086
205 Lacy Ernest ◎
207 Williams Sylvia
209 Barker Ada Mrs ◎ 322-1266
215 Wise James A ◎
219 Campbell Lavoughn J Rev ◎ 323-2868
220 Brooks Waymon ◎ 323-6448
223 Alexander Eliza Mrs 324-0209
224 Word James
226 No Return
231 Quarles Ted Jr ◎ 323-6435

HILL AV INTERSECTS

234 Primes Paul Jr
235 ★ Holland Willard
236 Barbour Paul L ◎ 325-0282
239 Cormier Warren

MODOC AV INTERSECTS

243 Grooms Alma E Mrs ◎
244 No Return
247 Wilson Ola Mrs ◎ 322-3169
251 Fryman Fred ◎
255 Hodge Beatrice Mrs ◎ 322-8267
259 ★ Nicholson Ray ◎
260 Coker James ◎

ALMANOR AV INTERSECTS

263 Collins Ethel
267 Harding Jo Ann Mrs 322-2098
271 Powell Quincy ◎
275 ★ Robinson Willie
279 Vacant
283 Watson Will B ◎ 323-0146
287 ★ Thomas Ray
291 Sloan Minnie B Mrs ◎ 325-2180
295 Clemons Mattie Mrs 325-5334
297 Cockerham John ◎ 322-0957
301 Vacant
310 ★ Taylor Jacquelyn ◎
311 ★ Bland Charles 325-8113
320 Smith Clementine Mrs 325-0390
321 Wade Beatrice G Mrs ◎
330 Powell Letha Mrs ◎ 324-3659
331 Bennett Matthew ◎ 326-6147
341 Harris Onetta M Mrs
350 Moyer Arbie D Mrs
351 Ferguson Ella 323-3828
361 Kleckley Bessie Mrs ◎ 325-4072
371 ★ Brady Geo W ◎ 324-3921
390 Young Robt L ◎ 325-1423
394 Bickerstaff H D ◎ 325-5478

11

TIOGA DR —FROM LA LOMA DR WEST AND SOUTHWEST

ZIP CODE 94025

2230 ★ Pizzella Steph
2235 Simpson Geo ◎ 854-5859

CASCADE DR INTERSECTS

2240 Marshall Charles S ◎ 854-0884
2245 Taylor Charles A ◎ 854-3941

SIERRA DR INTERSECTS

2250 Rice Reginald W ◎ 854-4967
2255 Chiasson Armand E ◎ 854-6968
2260 Jensen E A ◎ 854-3798
2265 Mc Call Leonard S ◎ 854-5678
2270 Galli Frank C Jr ◎ 854-4512
2275 Solveson Harvey T ◎ 854-5552
2280 Krost Robt J ◎ 854-4000
2285 Blaine Terrence H ◎ 854-3171
2290 Davenport Roy M ◎ 854-6711

CONTINENTAL DR INTERSECTS

2305 Andrews Nicholas M ◎ 854-4370
2315 Mc Carthy Edmond T ◎
2325 Allan E C Mrs 854-0491
2355 Snell Wade H 854-4644

9

TRENTON WAY —FROM 303 CONCORD DR WEST AND NORTH IN A SEMI-CIRCLE

ZIP CODE 94025

303 Finley Claude T ◎ 322-2969
307 Clement Lauren ◎ 322-3632
308 Marugg Elsworth W ◎ 325-3795
311 Jaetano John ◎ 324-4111
312 ★ Angier Lemoise A ◎ 325-5768
315 Draper James C ◎ 325-2108
316 Edwards Leslie M ◎ 323-0954
319 Jennings Richd ◎

Target Street	Cross Street	Source
-	✓	POLK DIRECTORY CO

OAKHURST PL 1969

OAKHURST PL —FROM 1043 GREENWOOD DR EAST, IN A SEMI-CIRCLE

ZIP CODE 94025

207 Vacant
208 Latorre Frank J ◎ 322-1470
211 Wilson Doris K Mrs
323-5257
212 Wingartner Allan P
323-1293
215 Bean Stanley S ◎ 325-6917
216 Johnson Robt M 325-2792
219 Macri Saml A ◎ 324-4069
220 Smith Brian
223 Ruggles Martin J 323-4718
224 Lawson Robt E 324-4251
227 Sandoval Sal 369-3775
228 Chapin Theo N ◎ 325-8397
231 Tasso Thos L ◎ 322-4918
232 Lalka Leonard J ◎ 324-4322
235 Jones Lynham W ◎
322-5530
236 Nuzzo Richd P ◎ 325-8924

Target Street	Cross Street	Source
-	✓	POLK DIRECTORY CO

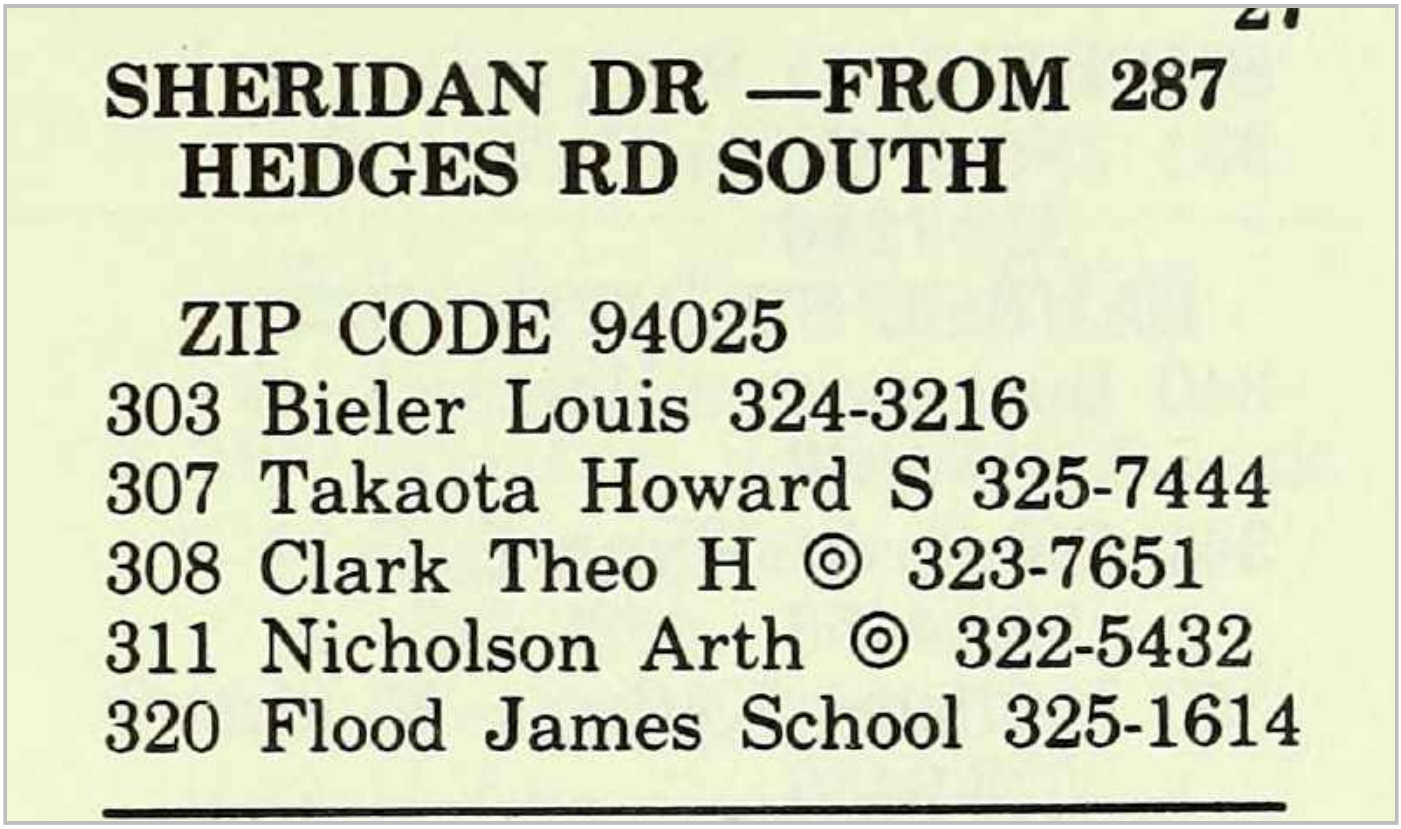
OAKHURST PL 1969

OAKHURST PL—Contd

239 Aleszka Benj J ◎ 323-5989
243 Whitney Robt L ◎ 322-4122
247 Albee Paul R ◎ 325-8754
248 Bruffy G P 322-8379
251 Durr Larry R 323-6886
255 Brown Kenneth R ◎ 324-2023
256 Burke James H ◎ 323-2208
259 Rullhausen Wm P ◎ 322-8568
260 Turner Robt L ◎ 325-6041
263 Buck Jack A ◎ 323-2693
264 Bolz Donald E
267 Thomson Kenneth S ◎ 325-0978
268 Austin Edw H 325-1802
271 Hodskin J H ◎ 325-3830
272 Jones Bevan 325-5795
275 Gac Norman 324-3681
276 Willis Jack J ◎ 324-2855
279 Lapham Robt V ◎ 322-8373
280 No Return
283 Warner Winifred Mrs 323-9652
287 Daneluz Galliano ◎ 323-5383
291 Grove Jean Mrs ◎ 322-6079
295 White Lola Mrs
297 Brokling Louis G ◎ 325-0246
299 Eisler C Kenneth ◎ 325-0549
301 Sandoval Esteban 325-9537

Target Street	Cross Street	Source
✔	-	POLK DIRECTORY CO

SHERIDAN DR 1969



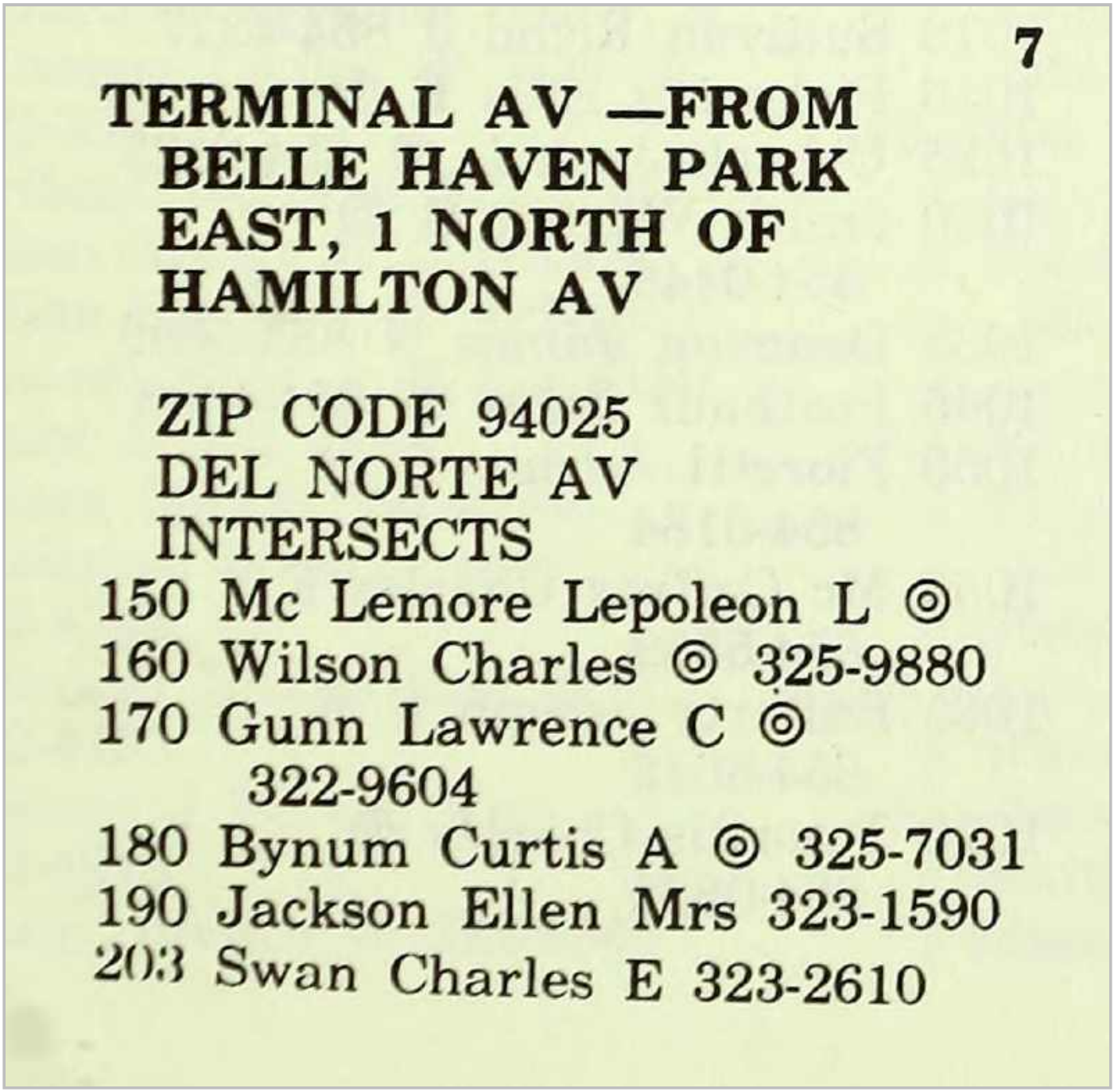
SHERIDAN DR —FROM 287 HEDGES RD SOUTH

ZIP CODE 94025

303 Bieler Louis 324-3216
307 Takaota Howard S 325-7444
308 Clark Theo H ◎ 323-7651
311 Nicholson Arth ◎ 322-5432
320 Flood James School 325-1614

Target Street	Cross Street	Source
-	✓	POLK DIRECTORY CO

TERMINAL AVE 1969



7

TERMINAL AV —FROM BELLE HAVEN PARK EAST, 1 NORTH OF HAMILTON AV

ZIP CODE 94025
DEL NORTE AV
INTERSECTS

150 Mc Lemore Lepoleon L ◎
160 Wilson Charles ◎ 325-9880
170 Gunn Lawrence C ◎
322-9604
180 Bynum Curtis A ◎ 325-7031
190 Jackson Ellen Mrs 323-1590
203 Swan Charles E 323-2610

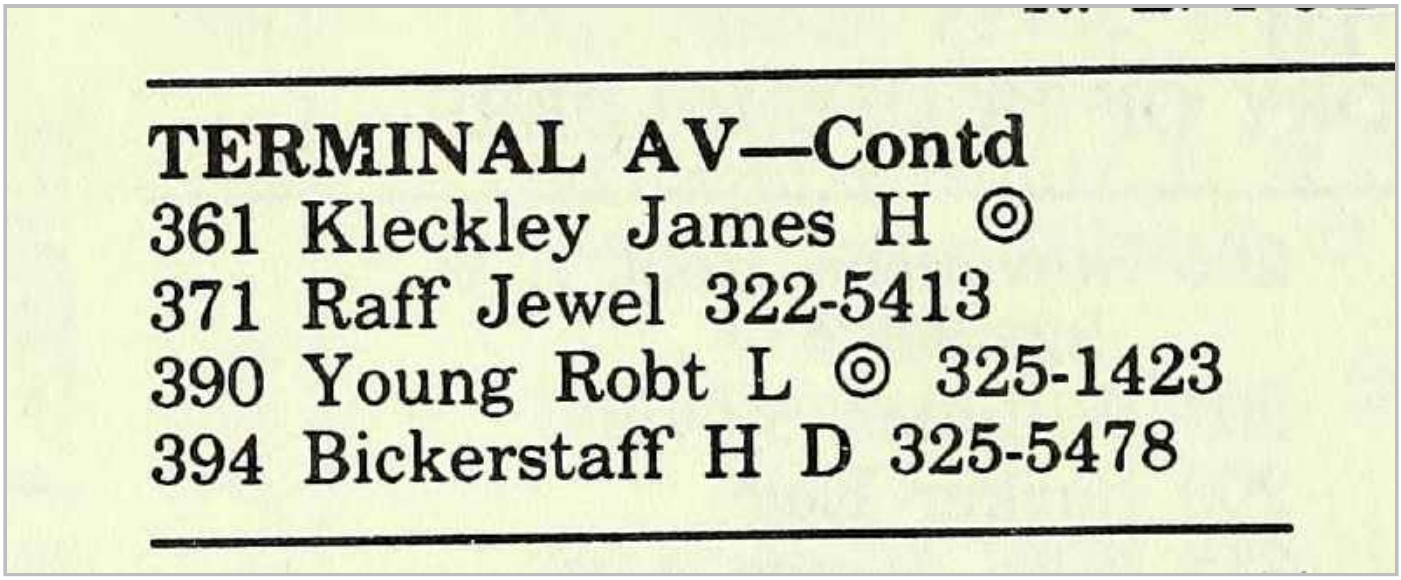
Target Street	Cross Street	Source
-	✓	POLK DIRECTORY CO

TERMINAL AVE 1969

205 Stevenson Robt L ◎
323-2663
207 Williams Sylvia
209 Barker Eug
215 Wise James A ◎
219 Campbell Lavoughn J Jr
Rev ◎ 323-2868
220 Caine Willie-Mae Mrs ◎
321-1686
223 Alexander Eliza 324-0209
224 No Return
226 Sperling Gussie 323-2295
231 Quarles Ted Jr 323-6435
PLUMAS AV INTERSECTS
234 Primes Paul Jr
HILL AV INTERSECTS
235 Lewis Laura Mrs
236 Barbour Paul L ◎ 323-3966
239 Cormier Warren
ALMANOR AV INTERSECTS
243 Grooms Alma E Mrs ◎
244 Vacant
247 Wilson Ola Mrs ◎ 322-3169
MODOC AV INTERSECTS
251 Rodriguez Pedro C ◎
234-3990
255 Hodge Beatrice Mrs ◎
322-8267
259 Williams Jim 323-3614
260 Wilkins Luchers Jr ◎
324-2665
263 Collins Ethel 325-7498
267 Harding Jo Ann
271 Powell Quincy ◎
273 Vacant
275 Hayes Robt R ◎ 324-2844
279 Due James E Jr ◎
283 Watson Will ◎ 323-0146
287 Burnside Curtis L 324-1537
291 Sloan Minnie B Mrs ◎
325-6389
295 Clemons Mattie Mrs
322-7796
297 Cockerham John ◎ 325-7103
Smith Sadie C Mrs
301 Vacant
310 Baker Charles I ◎ 326-2802
311 Butts Betty
320 Smith Clementine Mrs
325-2348
321 Wade Beatrice G Mrs ◎
323-2825
330 Langston Leitha Mrs
331 Bennett Matthew ◎
326-6147
341 Harris Onetta M Mrs
350 Martin Bobby ◎ 322-9855
351 Ferguson Ellen Mrs ◎
323-3828

Target Street	Cross Street	Source
-	✓	POLK DIRECTORY CO

TERMINAL AVE 1969



TERMINAL AV—Contd
361 Kleckley James H ◎
371 Raff Jewel 322-5413
390 Young Robt L ◎ 325-1423
394 Bickerstaff H D 325-5478

Target Street	Cross Street	Source
-	✓	POLK DIRECTORY CO

OAKHURST PL 1963

OAKHURST PLACE —From Greenwood dr east, in a semi-circle, 2 north of Bay rd

207 Colby Len 322-1253
208 Latorre Frank J ◎ DA2-1470
211 Worth Gerald ◎ 326-5049
212 Gedder Jas E ◎ 323-5553
215 Nelson Eric N ◎ DA2-8713
216 Washkuhn Jack ◎ 321-4088
219 Macri Saml A ◎ DA4-4069
220 Green Walter E ◎ DA5-6638
223 Ruggles Lillian C ◎ DA3-5604
224 Rowell John H ◎ 325-6662
227 Johnson John E ◎ 323-0370
228 Croaro Guido ◎ 323-5756
231 Tasso Thos L ◎ DA2-4918
232 Lahilka Leonard ◎ 324-4322
235 Harrington Clarence M ◎ DA5-9197
236 Hane Masahara ◎ 325-7193
239 Aleszka Benj J ◎ 323-5989
243 Whitney Robt L ◎ DA2-4122
247 Cleese Robt P ◎ DA5-3637
248 Warner Edw R 323-9652
251 Calvin Jas W 324-1583
255 Brown Kenneth R ◎ DA6-0468
256 Vacant
259 Rullhausen Wm P ◎ DA2-8568
260 Turner Robt L ◎ 325-6041
263 Copriviza Lois S ◎ 322-9445
264 Larson Ronald R ◎ DA6-8559

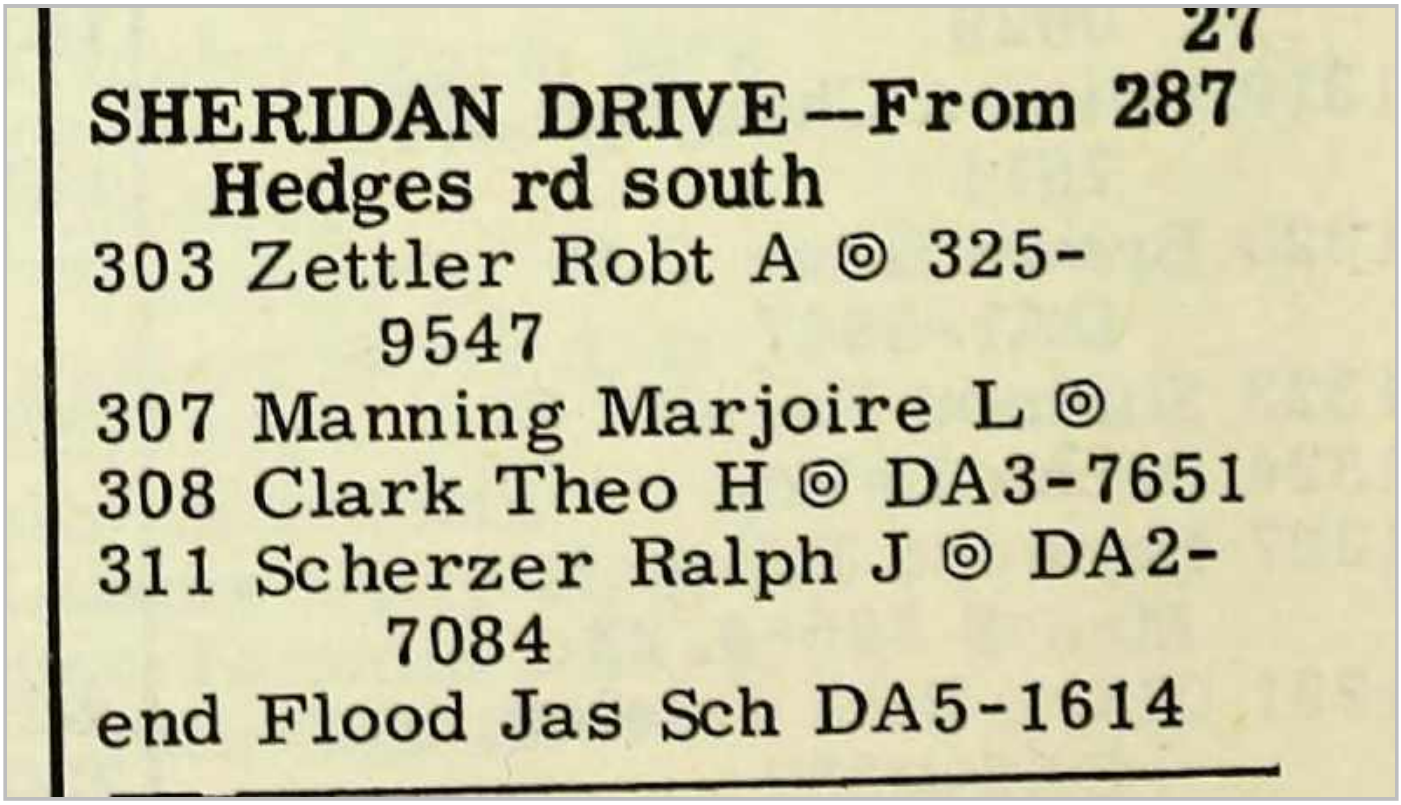
Target Street	Cross Street	Source
-	✓	POLK DIRECTORY CO

OAKHURST PL 1963

267 Thomson Kenneth S ◎
DA5-0978
268 Bay Christian ◎
271 Harris Frank B jr ◎
DA6-6117
272 Hadlock Jean L Mrs ◎
325-9691
275 Vasquez David F ◎
325-3018
276 Willis Jay J ◎ DA1-0439
279 Lapham Robt V ◎ DA2-
8373
280 Robison Mason 324-
2443
283 Bishop Wm J 325-
1772
287 Daneluz Galliano ◎ 323-
5383
291 Blanchard Edna G ◎
DA5-3541
295 Lefebvre Gordon W ◎
323-6096
297 Sullivan Thos F ◎
325-6660
299 Eisler C Kenneth ◎
DA5-5049
301 Hill Paul W DA5-2518

Target Street	Cross Street	Source
✓	-	POLK DIRECTORY CO

SHERIDAN DR 1963



27

SHERIDAN DRIVE—From 287
Hedges rd south

303 Zettler Robt A ◎ 325-9547

307 Manning Marjoire L ◎

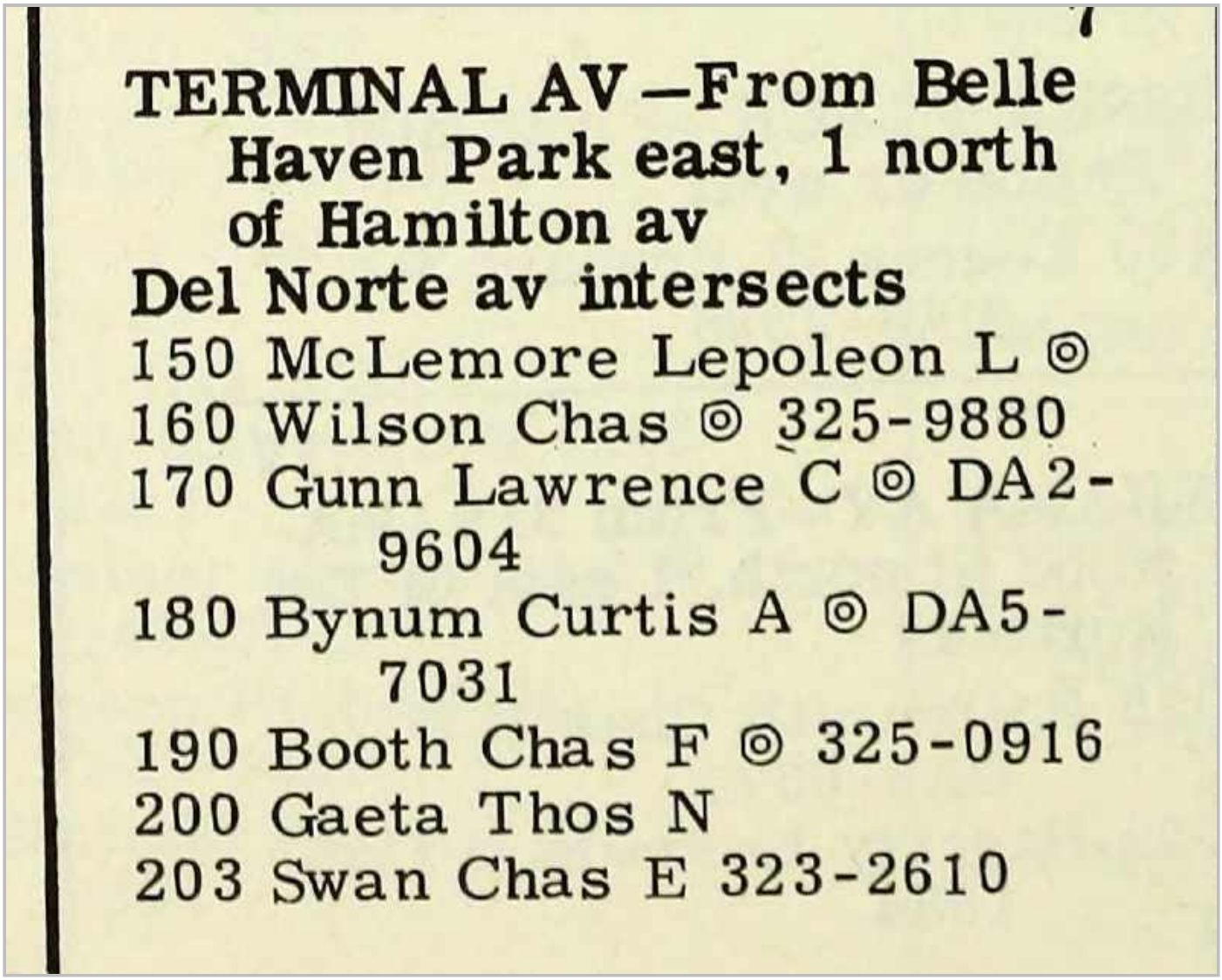
308 Clark Theo H ◎ DA3-7651

311 Scherzer Ralph J ◎ DA2-7084

end Flood Jas Sch DA5-1614

Target Street	Cross Street	Source
-	✓	POLK DIRECTORY CO

TERMINAL AVE 1963



TERMINAL AV—From Belle Haven Park east, 1 north of Hamilton av
Del Norte av intersects

150 McLemore Lepoleon L ◎
160 Wilson Chas ◎ 325-9880
170 Gunn Lawrence C ◎ DA2-9604
180 Bynum Curtis A ◎ DA5-7031
190 Booth Chas F ◎ 325-0916
200 Gaeta Thos N
203 Swan Chas E 323-2610

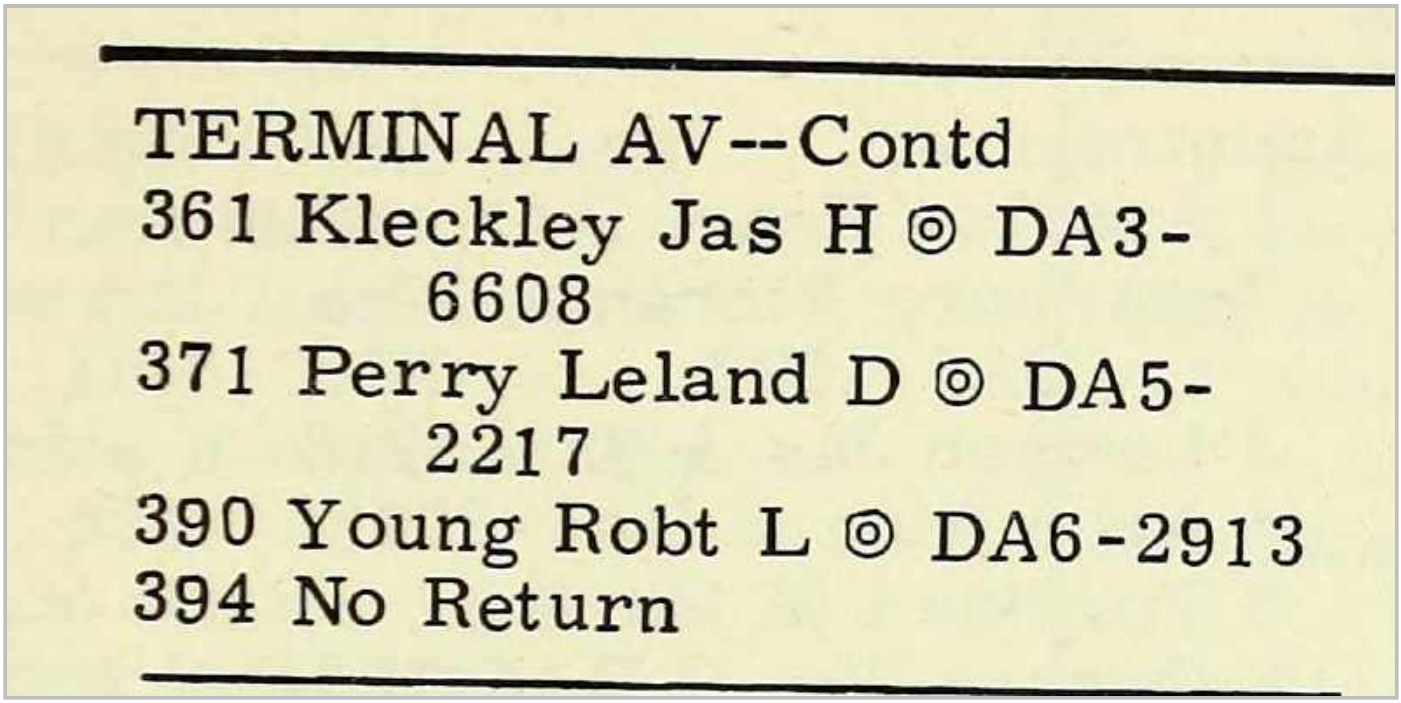
Target Street	Cross Street	Source
-	✓	POLK DIRECTORY CO

TERMINAL AVE 1963

205 Stevenson Robt ◎ DA6-3962
207 Gardener Roosevelt
209 Thomas David
215 Wise Jas A DA4-2658
219 Campbell Lavoryhn J 323-2868
220 No Return
223 Alexander Morris L ◎ DA4-4324
224 Jones Lawrence ◎
226 West Mary Mrs
231 Vacant
Plumas av intersects
234 Primes Paul jr
Hill av intersects
235 Vacant
236 Barbour Paul L ◎ 325-1229
239 Cormier Warren
Almanor av intersects
243 No Return
244 Meyers Mattie B
Modoc av intersects
251 Rodriguez Pedro C ◎ DA4-3990
255 Hodge Beatrice Mrs ◎ 324-3447
259 Porter E John ◎ 323-7121
260 Goodman Geo L ◎
263 Collins Ethel 325-7498
267 Davis Eula Mrs 323-6312
271 Averhart Herny C
275 Hayes Robt R ◎ DA4-2844
279 Due Jas E jr ◎ 323-2966
283 Watson Will ◎ DA3-0146
287 Vacant
291 Sloan Minnie
295 Clemons Van R ◎ DA3-3590
297 Vacant
301 Collins Clifton ◎ DA6-0165
310 Baker Chas I DA6-2802
311 Redd Jos A ◎ DA6-3493
320 Jones Laurence C 324-3086
321 Wade Jas Q ◎
330 Vacant
331 Bennett Matthew ◎ DA6-6147
341 Harris Israel W cement contr
350 Jones Wm P ◎
351 Ferguson Jesse O DA3-3828

Target Street	Cross Street	Source
-	✓	POLK DIRECTORY CO

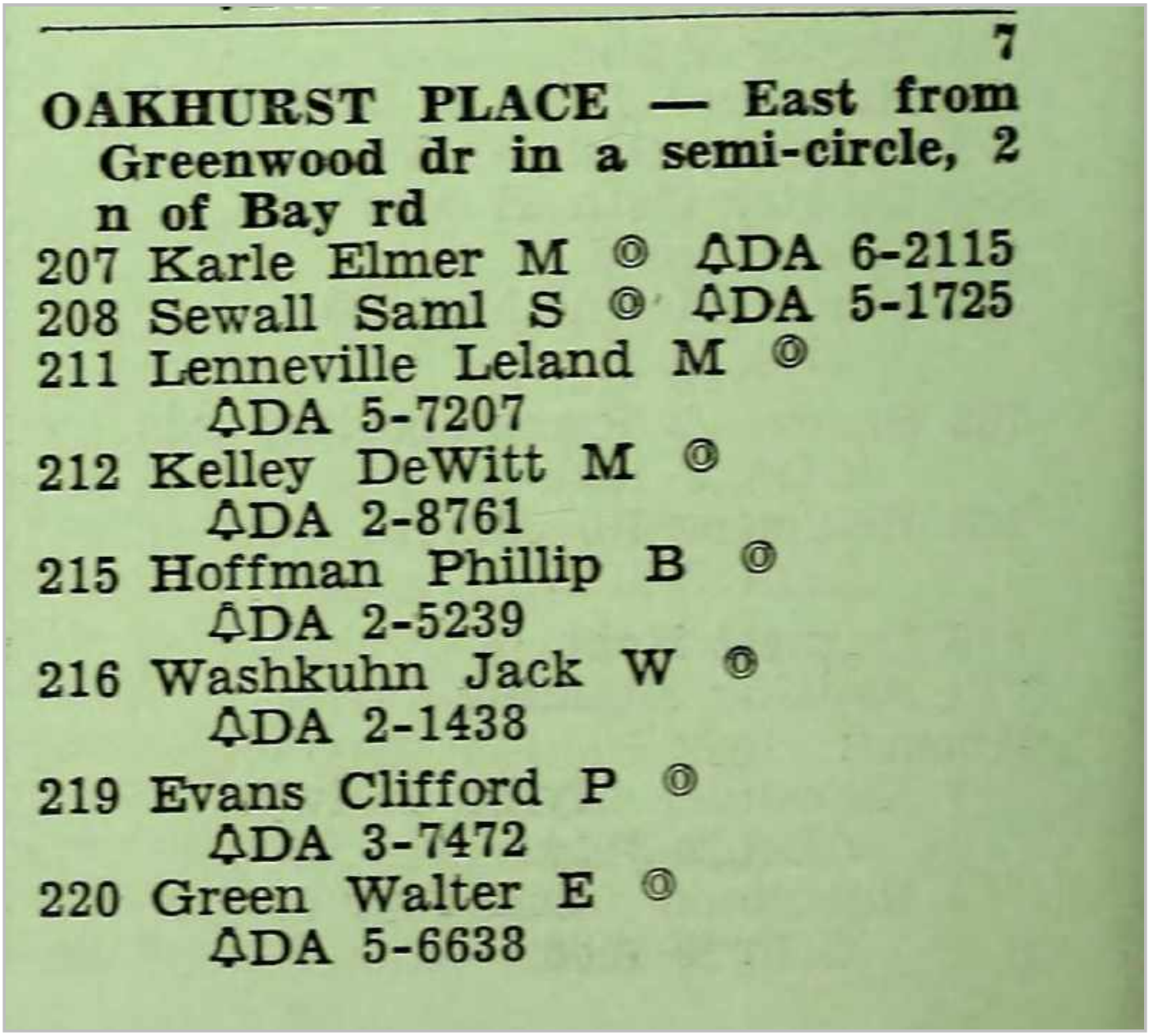
TERMINAL AVE 1963



TERMINAL AV--Contd
361 Kleckley Jas H ◎ DA3-6608
371 Perry Leland D ◎ DA5-2217
390 Young Robt L ◎ DA6-2913
394 No Return

Target Street	Cross Street	Source
-	✓	POLK DIRECTORY CO

OAKHURST PL 1957



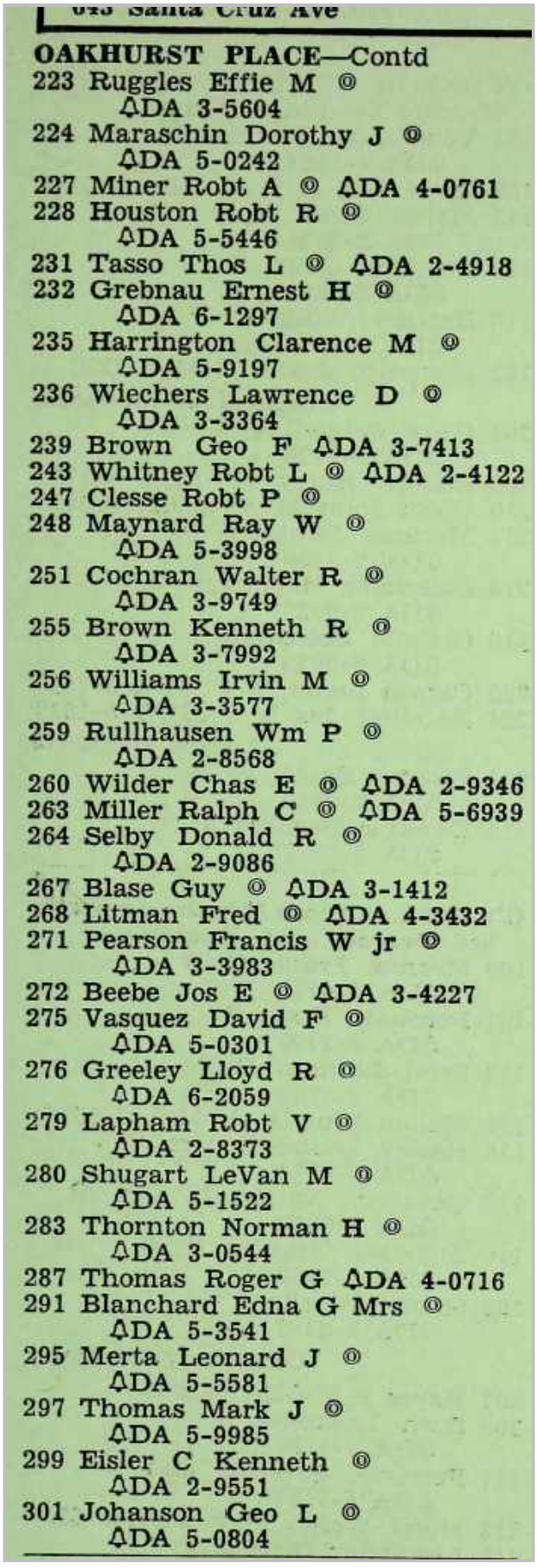
7

OAKHURST PLACE — East from Greenwood dr in a semi-circle, 2 n of Bay rd

207 Karle Elmer M © ΔDA 6-2115
208 Sewall Saml S © ΔDA 5-1725
211 Lenneville Leland M ©
ΔDA 5-7207
212 Kelley DeWitt M ©
ΔDA 2-8761
215 Hoffman Phillip B ©
ΔDA 2-5239
216 Washkuhn Jack W ©
ΔDA 2-1438
219 Evans Clifford P ©
ΔDA 3-7472
220 Green Walter E ©
ΔDA 5-6638

Target Street	Cross Street	Source
-	✓	POLK DIRECTORY CO

OAKHURST PL 1957



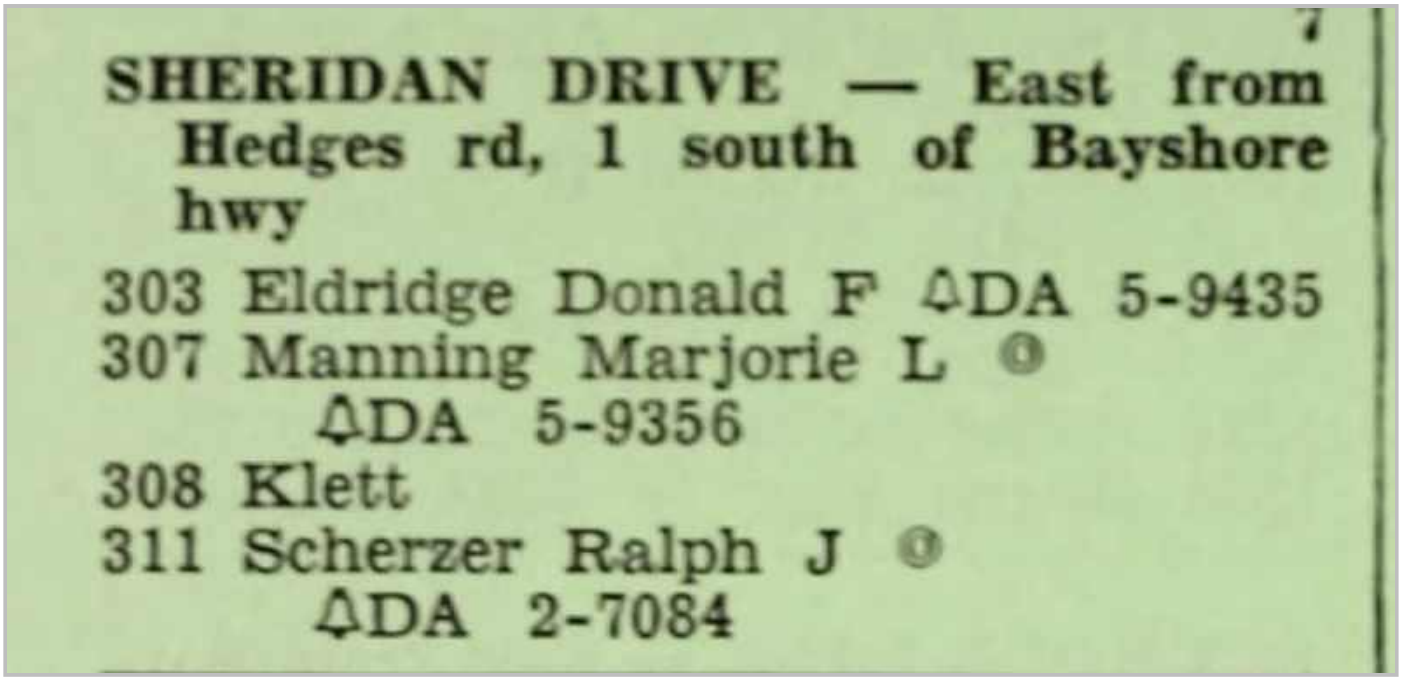
645 Santa Cruz Ave

OAKHURST PLACE—Contd

223 Ruggles Effie M ◎
ΔDA 3-5604
224 Maraschin Dorothy J ◎
ΔDA 5-0242
227 Miner Robt A ◎ ΔDA 4-0761
228 Houston Robt R ◎
ΔDA 5-5446
231 Tasso Thos L ◎ ΔDA 2-4918
232 Grebnau Ernest H ◎
ΔDA 6-1297
235 Harrington Clarence M ◎
ΔDA 5-9197
236 Wiechers Lawrence D ◎
ΔDA 3-3364
239 Brown Geo F ΔDA 3-7413
243 Whitney Robt L ◎ ΔDA 2-4122
247 Clesse Robt P ◎
248 Maynard Ray W ◎
ΔDA 5-3998
251 Cochran Walter R ◎
ΔDA 3-9749
255 Brown Kenneth R ◎
ΔDA 3-7992
256 Williams Irvin M ◎
ΔDA 3-3577
259 Rullhausen Wm P ◎
ΔDA 2-8568
260 Wilder Chas E ◎ ΔDA 2-9346
263 Miller Ralph C ◎ ΔDA 5-6939
264 Selby Donald R ◎
ΔDA 2-9086
267 Blase Guy ◎ ΔDA 3-1412
268 Litman Fred ◎ ΔDA 4-3432
271 Pearson Francis W jr ◎
ΔDA 3-3983
272 Beebe Jos E ◎ ΔDA 3-4227
275 Vasquez David F ◎
ΔDA 5-0301
276 Greeley Lloyd R ◎
ΔDA 6-2059
279 Lapham Robt V ◎
ΔDA 2-8373
280 Shugart LeVan M ◎
ΔDA 5-1522
283 Thornton Norman H ◎
ΔDA 3-0544
287 Thomas Roger G ΔDA 4-0716
291 Blanchard Edna G Mrs ◎
ΔDA 5-3541
295 Merta Leonard J ◎
ΔDA 5-5581
297 Thomas Mark J ◎
ΔDA 5-9985
299 Eisler C Kenneth ◎
ΔDA 2-9551
301 Johanson Geo L ◎
ΔDA 5-0804

Target Street	Cross Street	Source
✓	-	POLK DIRECTORY CO

SHERIDAN DR 1957



7

SHERIDAN DRIVE — East from Hedges rd, 1 south of Bayshore hwy

303 Eldridge Donald F ΔDA 5-9435
307 Manning Marjorie L ⓓ
ΔDA 5-9356
308 Klett
311 Scherzer Ralph J ⓓ
ΔDA 2-7084

Target Street	Cross Street	Source
-	✓	POLK DIRECTORY CO

TERMINAL AVE 1957

TERMINAL AV — West from end of Chilco, 1 north of Hamilton av

150 McLemore Lepoleon L ◎ ΔDA 4-3837
160 Gray Myron L ◎ ΔDA 5-2198
170 DeRusha Robt J ◎ ΔDA 2-3016
180 Strawther Albert C ΔDA 5-6641
190 Booth Chas F ◎
200 Sinfield Fred A ◎ ΔDA 5-2191
203 Bennett Lena Mrs ◎ ΔDA 4-3970
205 Stevenson Robt ◎
207 No return
209 Sawyers Dean T ◎ ΔDA 3-2696
215 Wise Jas A ΔDA 4-2658
219 Godden Leonard ◎
220 Cain Jas ◎ ΔDA 3-3017
223 Alexander Morris L ◎ ΔDA 4-4324
224 Dawson Delree ◎
226 Under constn
231 Vacant

Plumas av ends

234 Holmback Chas ◎ ΔDA 4-1766

Hill av ends

235 Fricano Anthony E ◎ ΔDA 4-1494
236 Wall Robt L ◎

Almanor av ends

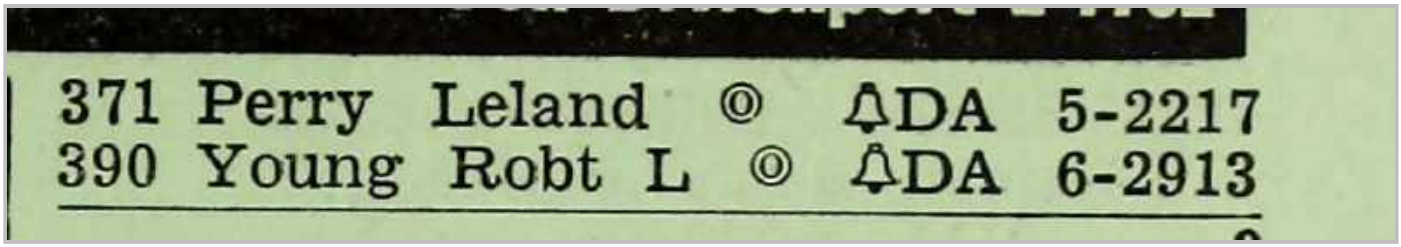
243 Carlson Harry A ◎ ΔDA 5-8982
244 Vacant
245 Thomas Sam W ◎ ΔDA 4-2415

Modoc av ends

251 Rodriguez Pedro C ◎ ΔDA 4-3990
255 Ayres L Gene ◎ ΔDA 3-2548
259 San Nicolas Jose ◎ ΔDA 5-5154
260 Young Douglas A ◎
263 Barker Gene ◎ ΔDA 4-4344
267 Holt Winifred ΔDA 2-6558
271 Mountz Henry G ◎
275 Hayes Robt R ◎ ΔDA 4-2844
279 Sancetta John ◎
283 Andrews Elmer E ◎ ΔDA 4-0691
291 Sloan Clarence J ◎ ΔDA 6-2723
295 Lindburg Bill J ◎ ΔDA 5-9615
297 McNamara Geo P ◎ ΔDA 5-9704
300 Vacant
301 Collins Clifton ◎ ΔDA 6-0165
310 Baker Sam ΔDA 6-2802
311 Redd Jas A
320 Addison Tom ◎ ΔDA 5-7609
321 Wade Jas Q ◎ ΔDA 3-0709
330 Bryant Richd T
341 Harris Israel
350 McQueen Lance G
351 Ferguson Jesse O ΔDA 3-3828
361 Reid Clayton I ◎ ΔDA 2-5396

Target Street	Cross Street	Source
-	✓	POLK DIRECTORY CO

TERMINAL AVE 1957


371 Perry Leland © DA 5-2217
390 Young Robt L © DA 6-2913

320 Sheridan Drive
320 Sheridan Drive
Menlo Park, CA 94025

Inquiry Number: 7302428.5
April 10, 2023

The EDR-City Directory Image Report

Environmental Data Resources Inc
6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

TABLE OF CONTENTS

SECTION

Executive Summary

Findings

City Directory Images

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available business directory data at approximately five year intervals.

RECORD SOURCES

The EDR City Directory Report accesses a variety of business directory sources, including Haines, InfoUSA, Polk, Cole, Bresser, and Stewart. Listings marked as EDR Digital Archive access Cole and InfoUSA records. The various directory sources enhance and complement each other to provide a more thorough and accurate report.

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RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

Year	*Target Street*	*Cross Street*	*Source*
2020	☐	☑	EDR Digital Archive
2017	☐	☑	Cole Information
2014	☐	☑	Cole Information
2010	☐	☑	Cole Information
2005	☐	☑	Cole Information
2000	☐	☑	Cole Information
1995	☐	☑	Cole Information
1992	☐	☑	Cole Information
1986	☑	☐	HAINES AND COMPANY
1981	☑	☐	HAINES AND COMPANY
1978	☑	☐	POLK DIRECTORY CO
1973	☑	☐	POLK DIRECTORY CO
1969	☑	☐	POLK DIRECTORY CO
1963	☑	☐	POLK DIRECTORY CO
1957	☑	☐	POLK DIRECTORY CO

FINDINGS

TARGET PROPERTY STREET

320 Sheridan Drive
Menlo Park, CA 94025

No Addresses Found

FINDINGS

CROSS STREETS

Year	*CD Image*	*Source*
BAY RD		
2020	pg. A1	EDR Digital Archive
2017	pg. A11	Cole Information
2014	pg. A17	Cole Information
2010	pg. A23	Cole Information
2005	pg. A29	Cole Information
2000	pg. A35	Cole Information
1995	pg. A41	Cole Information
1992	pg. A47	Cole Information
1986	pg. A52	HAINES AND COMPANY
1981	pg. A57	HAINES AND COMPANY
1981	pg. A58	HAINES AND COMPANY
1978	pg. A63	POLK DIRECTORY CO
1978	pg. A64	POLK DIRECTORY CO
1973	pg. A70	POLK DIRECTORY CO
1969	pg. A76	POLK DIRECTORY CO
1963	pg. A83	POLK DIRECTORY CO
1963	pg. A84	POLK DIRECTORY CO
1957	pg. A91	POLK DIRECTORY CO
COMMONWEALTH DR		
2020	pg. A2	EDR Digital Archive
2017	pg. A12	Cole Information
2014	pg. A18	Cole Information
2010	pg. A24	Cole Information
2005	pg. A30	Cole Information
2000	pg. A36	Cole Information
1995	pg. A42	Cole Information
1992	pg. A48	Cole Information
1986	pg. A53	HAINES AND COMPANY

FINDINGS

Year	CD Image	Source	
1981	pg. A59	HAINES AND COMPANY	
1978	pg. A65	POLK DIRECTORY CO	
1973	pg. A71	POLK DIRECTORY CO	
1969	pg. A77	POLK DIRECTORY CO	
1963	pg. A85	POLK DIRECTORY CO	
1957	pg. 0	POLK DIRECTORY CO	Street not listed in Source

DEL NORTE AVE

2020	pg. A3	EDR Digital Archive	
2017	pg. A13	Cole Information	
2014	pg. A19	Cole Information	
2010	pg. A25	Cole Information	
2005	pg. A31	Cole Information	
2000	pg. A37	Cole Information	
1995	pg. A43	Cole Information	
1992	pg. A49	Cole Information	
1986	pg. A54	HAINES AND COMPANY	
1981	pg. A60	HAINES AND COMPANY	
1978	pg. A66	POLK DIRECTORY CO	
1978	pg. A67	POLK DIRECTORY CO	
1973	pg. A72	POLK DIRECTORY CO	
1973	pg. A73	POLK DIRECTORY CO	
1969	pg. A78	POLK DIRECTORY CO	
1969	pg. A79	POLK DIRECTORY CO	
1963	pg. A86	POLK DIRECTORY CO	
1963	pg. A87	POLK DIRECTORY CO	
1957	pg. A92	POLK DIRECTORY CO	
1957	pg. A93	POLK DIRECTORY CO	

HEDGE RD

2020	pg. A5	EDR Digital Archive	
2017	pg. A14	Cole Information	
2014	pg. A20	Cole Information	

FINDINGS

Year	CD Image	Source
2010	pg. A26	Cole Information
2005	pg. A32	Cole Information
2000	pg. A38	Cole Information
1995	pg. A44	Cole Information
1992	pg. A50	Cole Information
1986	pg. A55	HAINES AND COMPANY
1986	pg. A56	HAINES AND COMPANY
1981	pg. A61	HAINES AND COMPANY
1981	pg. A62	HAINES AND COMPANY
1978	pg. A68	POLK DIRECTORY CO
1978	pg. A69	POLK DIRECTORY CO
1973	pg. A74	POLK DIRECTORY CO
1973	pg. A75	POLK DIRECTORY CO
1969	pg. A80	POLK DIRECTORY CO
1969	pg. A81	POLK DIRECTORY CO
1969	pg. A82	POLK DIRECTORY CO
1963	pg. A88	POLK DIRECTORY CO
1963	pg. A89	POLK DIRECTORY CO
1963	pg. A90	POLK DIRECTORY CO
1957	pg. A94	POLK DIRECTORY CO
1957	pg. A95	POLK DIRECTORY CO
1957	pg. A96	POLK DIRECTORY CO

City Directory Images

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

BAY RD 2020

105	ADIN VAEWSORN
	ALEX VAEWSORN
	CHATCHAI VAEWSORN
	JANET VAEWSORN
109	CHRISTINE CIANDRINI
113	DANIEL WALZ
	MARY WALZ
117	ARRON RETTERER
	JACK RETTERER
	JONATHAN RETTERER
121	EMILIANO MARTINEZ
129	ROBERT STEINMETZ
	WENDY WHITEHOUSE
133	CHRISTOPHER KORANDA
	KATHLEEN FORCIER
137	ANGELA CASTRO
	RALPH CASTRO
141	LILIANA GOLUBOVICH
	MILORAD GOLUBOVICH
	TERESA GOLUBOVICH
145	AMY NIEVA
	RICHARD NIEVA
149	VIVIEN GO
153	JAROSLAW WILKIEWICZ
	MAYA KHANEBOUBI
	PAULINE FORBES
	VALERIA MOORE
215	FLOOD PARK
	KELLY SCOTT
	KEVIN SCOTT
	SAN MATEO COUNTY PARKS & REC
287	JOHANNA MANLEY
291	ELEANOR KOMADINA
	STEVE KOMADINA
295	ALEX YEUNG
	HUIYAN WONG
	KWAN AUYEUNG
	SANJEEV JAIN
313	CARL ALBACH
	JUDY ZHAO
319	JANE GARRATT
	JUSTIN GARRATT
	PAUL GARRATT
323	PRITI BISARIA
	SRIKANTH SUNDARAM
333	AMIR MOTAMEDI
	SHADAN MIRAHEDI

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

COMMONWEALTH DR 2020

135	ADAM ALPER
	GOQII INC
	HARBOR CREW LLC
	HOBBY
	RESPOND SOFTWARE INC
149	ALMA 2535
	ANDREAS GRAUER
	APPLIED EXPERT SYSTEM INC
	ARAMARK
	BERNARD ROSS
	CORCEPT THERAPEUTICS INC
	DIRK DUFFNER
	EXPONENT INC
	FAILURE ANALYSIS ASSOC
	FISHMAN ROBERT S MD
	MICHAEL GAULKE
	ROGER ROYSE
	ROYSE EVENTS LLC
	ROYSE LAW FIRM
	VENEQUITY INVESTMENT GROUP O P

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

DEL NORTE AVE 2020

1020	DANIEL GUTHEIL
	GLENN GUTHEIL
1023	ALICE NEWTON
	DANIEL MEEHAN
1026	CHENNA BLOCK
	CHENNE BONEQUI
1027	BRENDAN WEBSTER
	DILLON WEBSTER
	FRED WEBSTER
1031	KYLE CONRAD
	SALLY NUSINSON
	SCOTT CONRAD
	SHARI CONRAD
1033	ANASTTASIA DIVNICH
	VADIM KALMEYER
1035	BENITA KENN
	DEREK FLIESS
	TAMARA FLIESS
1037	ANNETTE WIJSMAN
	NETTIE WIJSMAN
1043	SVEN ANDERSON
1051	JEFFREY PHILLIPS
	PHILIP VONGUGGENBERG
	SARAH PHILLIPS
	WILLIAM SHAW
1055	COLIN WESSELLS
1056	COURTNEY CHEUNG
	CYNTHIA CHEUNG
	RAYMOND CHEUNG
1059	HASAN TURUNC
	SHANNON THWAITE
	WHITNEY THWAITE
1062	DOY PRATER
1063	JOAN CALDWELL
	MITCHELL CALDWELL
1068	ARLENE MCCARTHY
	JULIE MCCARTHY
1072	KRISHNAKUMAR KALKIRAJ
1073	FRED HILSE
	JOAN HILSE
1074	LEILA OSSEIRAN
1077	JANELLE GEE
	RYAN SANDOVAL
1101	AMANDA ESQUIVEL
	GENOVEVA ESQUIVEL
	JAMIE MUNGUIA
	JOSE ESQUIVEL
	VICKY CUEVAS
	VICKY ESQUIVEL
1103	DONALD MENDOZA

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

DEL NORTE AVE 2020 (Cont'd)

1103	SIOBHAN FLYNN
1104	BRUNO HERNANDEZ
	CALVIN LOW
1108	YUEH TSAI
1111	MARTHA VENTURA
1115	AIREL TINAJERO
	EDUARDO HERNANDEZ
1120	ELISABETH VAZQUEZ
	GABRIELA RAMIREZ
	GUADALUPE VAZQUEZ
	LUIS VAZQUEZ
1123	ALBERTO TINAJERO
1127	AURA MARTINEZ
	CHI-WAI KWOK
	JOSE MARTINEZ

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

HEDGE RD 2020

105	MICHAEL COFFEY
	PATRICK COFFEY
	SHIRLEY COFFEY
107	NINA PREYS
	ROMAN KLINKOVICH
108	BARBARA WARDROP
109	MARCIA DEROSA
	TUDOR OWEN
111	BARBARA CWIRLA
	KRISTIN CWIRLA
	MATTHEW CWIRLA
	STEVEN CWIRLA
116	JEAN FARNHAM
	JULIE FARNHAM
117	JOHN POWER
	PAULETTE RICKARD
	WESLEY RICKARD
	YAN DING
	YI CUI
119	JUAN CUEVA
	SARAH CUEVA
123	AMY AMES
	ELIZABETH FURMAN
	LEONARD FURMAN
	SCOTT FURMAN
	SUSAN ROBINSON
124	CAROL MARSH
	JERRY MARSH
127	YAYOI BROWN
128	SERGE CARRASCO
131	WEI LIU
	ZHIFEN YANG
132	JOANNE SMITH
	JORDAN SMITH
135	ANNA CHOW
	DEXTER CHOW
136	ELIZABETH SANTANA
139	DAVID SIMPSON
	TANYA SIMPSON
	VICTOR SKIDANENKO
140	BARBARA SILANO
	MATTHEW SILANO
	ROBERT SILANO
	SARA SILANO
143	ARTHUR HERNANDEZ
	JEANNE HERNANDEZ
147	DONALD JONES
	WARREN THORNTHWAITE
148	KELVIN LEUNG
	WENYI ZHANG

HEDGE RD 2020 (Cont'd)

151	ALAN MARTY
	KARLEY MARTY
	RACHEL MARTY
152	HEATHER BOGOTT
	LINDSEY BOGOTT
	MARK BOGOTT
	MATTHEW BOGOTT
	ROBIN BOGOTT
155	AMANDA ARRINGTON
	CHRISTIAN ARRINGTON
	CONNOR ARRINGTON
	SUSAN ARRINGTON
156	BIKRAM CHATTERJEE
	YUE LI
159	DAVID PEREZ
	JANET PEREZ
	KENNETH PEREZ
	KRISTY PEREZ
	STEVEN PEREZ
160	NATHAN LIPSCOMB
	ROSANNA LIPSCOMB
163	BETH GALLO
	IVAN GALLO
164	CAMILLE MCKELVEY
167	AIMEE TENVAANHOLT
	VAANHOLT TENVAANHOLT
171	SYLVIA MCGOVERN
172	GEORGE CARR
	JENNIFER CARR
176	CHINPING CHNG
	MATTHEW SIEGEL
183	ESTELA FREEMAN
187	JONATHAN HARRISON
	MAVIS HARRISON
	SARAH HARRISON
191	ERNESTINA ZABALA
	LUCILLE DE PRIMO
	REBECCA MITCHELL
	SALAVADOR ZABALA
195	AARON VANIDES
	JAMES VANIDES
	JANET VANIDES
201	FRANCESCO FAGNINI
	JENNIFER FAGNINI
205	JONATHAN HAZARD
	KELLY VANIS
	MATTHEW VANIS
	PRAHM VANIS
207	CASSIDY BARMAN
	CINDY MUNN

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

HEDGE RD 2020 (Cont'd)

207	JOHN BARMAN
211	D WESTLEY
	DANIELA CAMACHO
	DAVID WESTLEY
	JOAN ELIZABETH WESTLEY
	JOAN WESTLEY
	LUISA WESTLEY
212	DAVEY HAMREN
	ELEVIAN INC
	MARK ALLEN
215	DONNA MCCARTHY
	MARION MCCARTHY
	PATRICK FEEHAN
216	GINA WATKINS
	MARK WATKINS
223	A KARAOKE DJ RENTAL
	MAIA SHERRILL
	MARK WEISBARTH
224	ROHAN BAIS
	VIRAJ BAIS
227	AMY NELSON
	MARVINA NELSON
	RONALD MCLEOD
228	GRACE VILEZ
231	JOEL BAILE
	REENA GARCIA-BAILE
	RENATO BAILE
232	CHRISTIAN SMITH
235	CYNTHIA HALL
236	LORETTA CASEY
239	RICHARD SENN
	SANDRA SENN
240	JEFFREY BICKLER
	JEREMY BICKLER
243	LISA DEMARTINI
244	CODY BARD
	DAVID BARD
	MARIA GIANNOTTI
247	HUI WEN
	JANEY STRATTON
	RENE HAFKENSCHEID
	ZE CHEN
248	RAYMOND WIN
251	JAMIE KARP
	TOMASA GONZALES
	YUKO KARP
252	CLAIRE NOLASCO
	CYNTHIA NOLASCO
	DUANE SINCERBOX
	NICHOLAS NOLASCO

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

HEDGE RD 2020 (Cont'd)

252	TONY NOLASCO
255	RICARDO FLORES
256	JENNIFER HOM
	TITUS LAI
	YAN TITUS
259	DAVID HAUSLER
260	JENNIFER HAMBLIN
263	ELIZABETH HOO
	PATRICIA HOO
	PETER HOO
264	ELIZABETH REITER
	JOHN REITER
	SHIRLEY REITER
267	BRIANNA MARTINEZ
	JAVIER MARTINEZ
	SANDRA MARTINEZ-GOMEZ
268	BROCK COFFRON
	CHRISTOPHER GOULD
	MARK GARNIER
	MARY COFFRON
271	JULIE FIGLIOZZI
	JULIE WONG
	STEPHEN WONG
272	SUDESHNA GUPTA
275	PATRICIA WONG
	THOMAS WONG
276	HAO ZHONG
	XIAO GE
279	CONNOR EVANS
	CURTIS EVANS
	PAMELA EVANS
	SUSAN LOESCH
283	ESPERANZA ANAYA
	KRISTINA ANAYA
287	JORGE PERRETTI
	JPERRETTI BUILDER
	MARIA NEAL
	MMACCH ARCHITECTURAL DRAFTING
	RAHSAAN DEAN
300	CATHRYN ARNELL
	CATHRYN BRYCK
	JOHNNY CHIANG
	RUEDEERAT YAMVINIJ
	THERESA THOITS
304	RUTH SCHECHTER
311	CHARME DU
	PHILIP DUCHARME
315	MICHAEL ROSENTHAL
319	CRYSTAL EVANS
	FELICIA EVANS

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

HEDGE RD 2020 (Cont'd)

319	TRAVIS EVANS
320	JANET SECKER
327	HONG YOO
	KYUNG YOO
	SAMIR MEHTA
328	CHARLES SHENK
	SARAH SHENK
331	ELIZABETH HOVE
	ROSS HOVE
335	ANN HENGEHOLD
	CESAR RAMOS
336	JEREMY WAGNER
339	ANDREW COPE
	LISA COPE
340	ADEL DURANDO
	MARY DURANDO
343	JOSEPH RICKTOR
	MARK RICKTOR
	MARY PIMENTEL
	MISSY PIMENTEL
344	CHERISE MARSHALL
	MARSHALL MARYJANE
	WILLIAM MARSHALL
347	CRAIG ING
	KRISTELLE ING
	MATTHEW ING
	NORA ING
	NORA LOUIE
	PIXI ING
348	BARBARA FULLERTON
	GALE FULLERTON
352	DEVRA MOEHLER
	JOHN CARMAN
	JULIE CARMAN
	WOLFGANG MOEHLER
355	SAMUEL TRAINA
356	BRYAN CLARK
	MARY JOYCE
	MAUREEN CLARK
	MICHAEL CLARK
	THREE SIXTY HR INC
359	MARINA IZRAILOV
	MICHAEL IZRAILOV
360	ANDREW ROZELLE
	JUDITH ROZELLE
	MARY ROZELLE
	RICHARD ROZELLE
363	KENNETH MC BAIN
	LANCE MC BAIN
	LINDA MCBAIN

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

HEDGE RD 2020 (Cont'd)

364	CLARK KEPLER
367	ANTHONY NICOSIA
	KATHRYN NICOSIA
371	LAWRENCE SHUER
372	BEN WILLIAMS
	LISA WILLIAMS
375	KIMBERLY CADIEUX
	MARC CADIEUX
383	WILLIAM MCCABE
387	KIMBERLY YAEGER
	TIMOTHY YAEGER
391	CHARLES CATALANO
	JAMES BRUNDAGE
	JANINA BRUNDAGE
395	KEVIN CHIEN
	LUSI CHIEN

Target Street	Cross Street	Source
-	✓	Cole Information

BAY RD 2017

105	VAEWSORN, CHATCHAI
109	CIANDRINI, CHRISTINE C
113	WALZ, DANIEL Z
117	RETTERER, AARON P
121	GRIFFITH, MATTHEW J
125	FERRICK, RICHARD M
129	WHITEHOUSE, ROBERT
137	CASTRO, RALPH J
141	GOLUBOVICH, MILLORAD V
145	NIEVA, RICH A
149	BRAGG, DAVID M
153	WILKIEWICZ, JAROSLAW J
215	COUNTY OF SAN MATEO
	SAN MATEO COUNTY PARKS & RECREATION
287	AUTHORIZED DEALER METRO PCS
	MANLEY, JOHANNA S
313	PAVER, KAREN A
319	GARRATT, PAUL A
327	HUHN, MADALANE G

Target Street	Cross Street	Source
-	✓	Cole Information

COMMONWEALTH DR 2017

135	GOODWIN PROCTER LLP
149	GERON CORPORATION

Target Street	Cross Street	Source
-	✓	Cole Information

DEL NORTE AVE 2017

1004	STINNES, ANDREAS H
1020	DENIO, DESIREE J
1023	MEEHAN, DANIEL J
1026	BONEQUI, CHENNA B
1027	FREDCNSLTING WEBSTER ENGNR
	WEBSTER, FRED A
1031	CONRAD, SCOTT A
1033	KALMEYER, VADIM
1035	FLIESS, DEREK J
1037	WIJSMAN, ANNETTE L
1047	WISE, BRYAN J
1051	PHILLIPS, JEFFREY T
1055	COLWELL, WILLIAM T
1056	CHEUNG, RAYMOND C
1062	NGUYEN, PHILIP
1063	CALDWELL, MITCHELL C
1068	MCCARTHY, JAMES S
1072	MCPHEE, BRUCE G
1073	HILSE, JOAN K
1074	HOFMANN, ANDREAS M
1077	SANDOVAL, RYAN Z
1101	ESQUIVEL, JOSE G
1103	MAYEN, RODOLFO J
1104	GARACIA, MARIA D
1106	SHERMAN, LUCAS
1108	VALENCIA, JUAN
	VARGAS, ALICIA
	VEGA, FRIDA
1111	MORALES, ALONDRA
1115	HERNANDEZ, EDUARDO L
1116	ALDORFER, BREA A
1119	MAHE, LEMEKI
1120	VASQUEZ, ELISABETH Z
1121	HOLMES, EUGENE
1123	TINAJERO, ALBERTO
1127	CASTILLO, EDGAR
1129	ARTEAGA, ROSARIO
1131	ASKEW, MARCUS E
	ESCALERA, PEDRO

Target Street	Cross Street	Source
-	✓	Cole Information

HEDGE RD 2017

105	COFFEY, PATRICK C
107	KLINKOVICH, ROMAN
108	WARDROP, RONALD S
109	OWEN, TUDOR T
111	CWIRLA, STEVEN E
115	CHANDLER, MICHAEL D
116	FARNHAM, JULIE
117	ZUMSTEIN, MICHELE L
119	CUEVA, JUAN G
123	FURMAN, SCOTT P
124	MARSH, JOHN A
127	BROWN, JERRY A
128	CARRASCO, SERGE P
131	DAVIS, MICHAEL B
132	SMITH, JORDAN P
135	CHOW, DEXTER K
136	SENIAWSKI, DAVID M
139	SKIDANENKO, VICTOR T
140	SILANO, ROBERT J
143	JEANNE, HERNANDEZ
144	FOLEY, MATTHEW P
147	THORNTHWAITE, WARREN N
148	LEUNG, KELVIN L
151	MARTY, KARLEY
152	BOGOTT, MARK L
155	ARRINGTON, CHRIS C
156	KENNEDY, DAVID L
159	PEREZ, KEN E
160	LIPSCOMB, ROSANNA G
163	GALLO, IVAN J
164	MCKELVEY, MARK E
167	TEN, VAANHOLT M
168	TAN, SECK E
171	MCGOVERN, SYLVIA C
172	CARR, GEORGE E
175	STEYVERS, TANIS
179	KELLY, PATRICK J
183	FREEMAN, ESTELA E
187	HARRISON, MAVIS R
191	DE, PRIMO L
195	VANIDES, JAMES G
201	FAGNINI, FRANCESCO G
205	VANIS, MATT J
207	BARMAN, JOHN K
211	WESTLEY, DAVID M
212	ALLEN, MARK J
215	FEEHAN, PATRICK J
216	WATKINS, MARK E
219	DORWIN, MARTIN
223	A KARAOKE DJ RENTAL

Target Street	Cross Street	Source
-	✓	Cole Information

HEDGE RD 2017 (Cont'd)

223	WEISBARTH, MARK K
224	HEIMES, ROLF E
228	BUTCHER, GRACE
231	BAILE, RENATO C
232	SMITH, CHRISTIAN A
235	WESCOTT, BREENA M
236	CASEY, JEFFREY P
239	SENN, SANDRA C
243	DEMARTINI, LISA N
244	BARD, DAVID C
247	HAFKENSCHEID, RENE
251	KARP, JAIME A
252	NOLASCO, TONY L
255	FLORES, RICARDO M
259	HAUSLER, DAVE P
260	PADGETT, DANIEL A
263	HOO, BRAD S
267	MARTINEZ, JAVIER J
268	KEARNS, THOMAS F
271	WONG, STEVE T
272	SANCHEZ, FERNAND A
275	WONG, PATRICIA R
276	OLSEN, DAVID R
283	ANAYA, ESPERANZA H
300	CHIANG, JOHNNY W
304	SAGGESE, BERNARD A
307	HASKIN, ALEXANDER
308	GONZALEZ, ALVARO S
311	DUCHARME, PHILIP W
312	DAL, BUSCO D
316	VO, SOPHIA
319	EVANS, TRAVIS G
327	MEHTA, SAMIR B
328	SHENK, CHARLES A
331	NAGEL, DICK
336	WAGNER, GARY L
340	DURANDO, ADEL M
343	PIMENTEL, MISSY
344	PATTERSON, ELIZABETH C
347	LOUIE, SHUN
348	FULLERTON, GALE K
351	BOLICH, ELIZABETH L
352	BERBERICH, ANDREW W
355	TRAINA, SAM J
356	CLARK, MICHAEL J
359	IZRAILOV, MICHAEL A
360	ROZELLE, ANDREW L
363	MCBAIN, LANCE Y
364	SCOTT, KATIE A
367	NICOSIA, ANTHONY D

Target Street	Cross Street	Source
-	✓	Cole Information

HEDGE RD 2017 (Cont'd)

368	GRIFFITH, TERRY L
371	BOTT, NICHOLAS T
375	MCHALE, PHILIP J
379	GOETTGE, JEAN
383	MCCABE, WILLIAM E
387	YAEGER, TIM N
395	CHIEN, KEVIN

Target Street	Cross Street	Source
-	✓	Cole Information

BAY RD 2014

105	VAEWSORN, CHATCHAI
109	OLEXY, SHARON L
113	WALZ, DANIEL Z
117	RETTERER, AARON P
121	THURMAN, JOSEPH W
125	FERRICK, RICHARD M
129	WHITEHOUSE, ROBERT
133	KORANDA, CHRISTOPHER W
137	CASTRO, RALPH J
141	GOLUBOVICH, MILLORAD V
145	NIEVA, RICH A
149	BRAGG, ANNA G
153	BURKS, TIMOTHY C
215	FLOOD PARK
	SAN MATEO COUNTY OFFICES
	SAN MATEO COUNTY PARKS & RECREATION
287	MANLEY, JOHANNA S
291	KOMADINA, STEVE K
295	YANG, CHENYU
317	GRUSCHKA, RICHARD C
319	GARRATT, PAUL A
321	FORT, SAMUEL O
327	HUHN, MADALANE G
333	OCCUPANT UNKNOWN,
337	RETTERER, ARRON

Target Street	Cross Street	Source
-	✓	Cole Information

COMMONWEALTH DR 2014

135	GOODWIN PROCTER LLP
149	AGILITY IP LAW
	EXPONENT
	FAILURE ANALYSIS ASSOCIATES
	GERON CORPORATION

Target Street	Cross Street	Source
-	✓	Cole Information

DEL NORTE AVE 2014

1020	OCCUPANT UNKNOWN,
1023	MEEHAN, DANIEL J
1025	COREY, PHIL E
1026	BLOCK, CHENNA B
1027	WEBSTER FRED CNSLTNG ENGNR
	WEBSTER, FRED A
1031	CONRAD, SCOTT A
1033	KALMEYER, VADIM
1035	FLIESS, DEREK J
1037	WIJSMAN, ANNETTE L
1043	FRYE, RICHARD A
1047	WISE, BRYAN J
1051	PHILLIPS, JEFFREY T
1055	COLWELL, WILLIAM T
1056	CHEUNG, RAYMOND C
1059	THWAITE, WHITNEY L
1062	PRATER, DOY E
1063	CALDWELL, JOAN C
1068	MCCARTHY, ARLENE A
1072	MCPHEE, BRUCE G
1073	HILSE, JOAN K
1074	HOFMANN, ANDREAS M
1077	OCCUPANT UNKNOWN,
1101	ESQUIVEL, JOSE G
	OCCUPANT UNKNOWN,
	TREJO, CAROLINA
1103	MAYEN, RODOLFO J
1104	ARIZA, CLARA
	GONZALEZ, JAIME
	LOW, CALVIN
	MAAMA, ANA
	OCHOA, FELIPE
1106	OCCUPANT UNKNOWN,
1108	PEREZ, PEDRO
	VALENCIA, JUAN
1111	VENTURA, MARTHA A
1112	OCCUPANT UNKNOWN,
1115	HERNANDEZ, EDUARDO L
1116	KREISER, MICHAEL J
1119	OCCUPANT UNKNOWN,
1120	OCCUPANT UNKNOWN,
1121	HOLMES, EUGENE
1123	CARDENAS, SONIA
1125	LEIVA, JULIO A
1127	OCCUPANT UNKNOWN,
1129	ARTEAGA, ROSARIO
1131	ESCALERA, PEDRO
	NAVA, JOSE
	OCCUPANT UNKNOWN,
	ROSAS, JUAN A

Target Street	Cross Street	Source
-	✓	Cole Information

HEDGE RD 2014

105	COFFEY, PATRICK C
107	KLINKOVICH, ROMAN
108	WARDROP, RONALD S
109	OWEN, TUDOR G
111	CWIRLA, STEVEN E
115	OCCUPANT UNKNOWN,
116	FARNHAM, JEAN C
117	ZUMSTEIN, MATTHEW D
119	CUEVA, JUAN G
123	FURMAN, SCOTT F
124	MARSH, JERRY C
127	BROWN, JERRY A
128	CARRASCO, SERGE P
131	DAVIS, MICHAEL B
132	SMITH, JORDAN P
135	CHOW, DEXTER K
136	VAGATA, JESSICA
139	SIMPSON, DAVID C
140	SILANO, ROBERT J
143	JEANNE, HERNANDEZ
144	FOLEY, MATTHEW P
147	THORNTHWAITE, WARREN N
148	PARISH, VANDOLF
151	MARTY, ALAN W
152	BOGOTT, MARK L
155	ARRINGTON, CHRIS C
156	KENNEDY, DAVID L
159	PEREZ, KEN E
160	NAVARRETE, JORGE A
163	GALLO, IVAN J
164	MCKELVEY, MARK E
167	TEN, VAANHOLT M
168	DORFMAN, DAVID
171	MCGOVERN, SYLVIA C
172	CARR, GEORGE E
175	HAFTER, AMY E
176	CHNG, CHINPING
179	KELLY, PATRICK J
180	SOLBECK, ADA
183	FREEMAN, ESTELA E
187	HARRISON, MAVIS R
191	DEPRIMO, CILLE
195	OCCUPANT UNKNOWN,
201	FAGNINI, FRANCESCO G
205	VANIS, MATTHEW J
207	BARMAN, JOHN K
211	WESTLEY, JOAN E
215	FEEHAN, PATRICK J
216	WATKINS, MARK E
219	MARTIN, KATHRYN E

220	OCCUPANT UNKNOWN,
223	WEISBARTH, MARK K
225	PEREZ, JOSEPH
227	NELSON, BRIAN S
231	BAILE, RENATO C
232	SMITH, CHRISTIAN A
235	WESCOTT, MIKE W
236	CASEY, JEFFREY P
239	SENN, SANDRA C
240	BICKLER, HAROLD L
243	DEMARTINI, LISA N
244	GIANNOTTI, MARIA E
247	HAFKENSCHEID, RENE
248	OCCUPANT UNKNOWN,
251	KARP, JAIME A
252	NOLASCO, ANTONIO L
255	FLORES, RICARDO M
256	OCCUPANT UNKNOWN,
259	HAUSLER, DAVE P
260	WHITLINGER, JOHN T
263	HOO, BRAD S
264	OCCUPANT UNKNOWN,
267	MARTINEZ, JAVIER J
268	COFFRON, MARY K
271	WONG, STEVE T
272	SANCHEZ, FERNAND A
275	WONG, PATRICIA R
276	OLSEN, DAVID R
283	ANAYA, ESPERANZA H
287	HURTADO, RODOLFO D
300	OCCUPANT UNKNOWN,
304	OCCUPANT UNKNOWN,
308	LONGHURST, CHRIS A
311	DUCHARME, PHILIP W
312	DAL, BUSCO
315	OCCUPANT UNKNOWN,
316	CHIDESTER, PAULA
319	EVANS, TRAVIS G
323	VANOLI, LOUIS J
324	SORAN, PATRICK D
327	WRIGHT, GERGORY L
328	SHENK, CHARLES A
331	OCCUPANT UNKNOWN,
332	PETRY, OLIVER
336	WAGNER, GARY L
339	OCCUPANT UNKNOWN,
340	DURANDO, ADEL M
343	PIMENTEL, MISSY
344	OCCUPANT UNKNOWN,
347	ING, CRAIG B

Target Street	Cross Street	Source
-	✓	Cole Information

HEDGE RD 2014 (Cont'd)

348	FULLERTON, GALE K
351	BOLICH, ELIZABETH L
352	ROBERGE, JOANNE
355	TRAINA, SAM J
356	CLARK, BRYAN J
359	IZRAILOV, MICHAEL A
360	ROZELLE, ANDREW L
363	MCBAIN, LANCE Y
364	KEPLER, CLARK L
365	CLARK, MAUREEN
367	OCCUPANT UNKNOWN,
368	GRIFFITH, TERRY L
371	OCCUPANT UNKNOWN,
372	OCCUPANT UNKNOWN,
375	MCHALE, PHILIP J
379	GOETTGE, D J
383	YAQUB, AALIYA
387	YAEGER, TIM N
391	CATALANO, CHARLES R
395	VILLARD, THOMAS H

Target Street	Cross Street	Source
-	✓	Cole Information

BAY RD 2010

105	VAEWSORN, CHATCHAI
109	OCCUPANT UNKNOWN,
113	WALZ, DANIEL Z
117	RETTERER, AARON P
121	DUCKETT, FRED C
125	FERRICK, RICHARD M
129	STEINMETZ, ROBERT
133	FABLINGER, FLORA L
137	CASTRO, RALPH J
141	GOLUBOVICH, MILLORAD V
145	NIEVA, RICHARD A
149	GO, VIVIEN G
153	BURKS, TIMOTHY C
215	FLOOD PARK
	SAN MATEO COUNTY PARKS & REC
287	MANLEY, JOHANNA S
291	KOMADINA, STEVE K
295	JAIN, SANJEEV
313	BOYSE, KAREN A
317	ANDERSON, FRANK C
319	GARRATT, PAUL A
321	OCCUPANT UNKNOWN,
323	DEAN, BETTY J
327	HUHN, STEPHEN L
333	MOTAMEDI, AMIR H

Target Street	Cross Street	Source
-	✓	Cole Information

COMMONWEALTH DR 2010

149	APPLIED EXPERT SYSTEM INC
	CORCEPT THERAPEUTICS INC
	CROSS A D
	ENVIRONMENTAL HEALTH STRTGS
	EXPONENT INC
	FAILURE ANALYSIS ASSOC
	UNISFAIR INC
151	DIAGEO GLOBAL SUPPLY
	GUINNESS UDV

Target Street	Cross Street	Source
-	✓	Cole Information

DEL NORTE AVE 2010

1004	OCCUPANT UNKNOWN,
1020	OCCUPANT UNKNOWN,
1023	MEEHAN, DANIEL J
1025	OCCUPANT UNKNOWN,
1026	BLOCK, CHENNA B
1027	FRED WEBSTER ASSOC
	WEBSTER, FRED A
1031	CONRAD, SCOTT A
1033	KALMEYER, VADIM
1035	FLIESS, DEREK J
1037	WIJSMAN, ANNETTE L
1047	WISE, BRYAN J
1051	PHILLIPS, JEFFREY T
1055	COLWELL, WILLIAM T
1056	OCCUPANT UNKNOWN,
1059	THWAITE, WHITNEY L
1062	OCCUPANT UNKNOWN,
1063	CALDWELL, MITCHELL C
1068	MCCARTHY, ARLENE A
1072	MCPHEE, BRUCE G
1073	HILSE, JOAN K
1074	HOFMANN, ANDREAS M
1077	RASMUSSEN, PAUL E
1101	ESQUIVEL, JOSE G
	GONZALEZ, GABRIEL
	OCCUPANT UNKNOWN,
	TREJO, CAROLINA
1103	OCCUPANT UNKNOWN,
1104	ARIZA, CLARA
	CARBAJAL, MARIA
	SEKONA, TOFA
1106	OCHOA, FELIPE M
1108	CASTELLANOS, FABIOLA
	ESQUIVEL, PEDRO
	MADRIZ, SILVIA
	MEDINA, ARMANDO
	RODRIGUEZ, JOSE
1111	VENTURA, MARTHA A
1112	OCCUPANT UNKNOWN,
1115	HALWANI, JOHN
1116	DURAN, RAMONA
1120	VASQUEZ, LUIS Z
1121	CISNEROS, MARIA
1125	TINAJERO, AIREL
1127	REYES, LOIDA
1129	ARTEAGA, PABLO
1131	JUNIEL, LANITA
	LOPEZ, C

Target Street	Cross Street	Source
-	✓	Cole Information

HEDGE RD 2010

105	COFFEY, SHIRLEY R
107	KLINKOVICH, ROMAN
108	WARDROP, RONALD S
109	OWEN, TUDOR G
111	CWIRLA, STEVEN E
115	RYDER, WAYNE C
116	FARNHAM, JEAN C
117	ZUMSTEIN, MATTHEW D
119	CUEVA, JUAN G
123	OCCUPANT UNKNOWN,
124	OCCUPANT UNKNOWN,
127	BROWN, JERRY A
128	CARRASCO, SERGE P
131	DAVIS, MICHAEL E
132	COLE, STEVE T
135	CHOW, DEXTER K
136	GARDNER, MARGARET T
139	SKIDANENKO, VICTOR T
140	SILANO, ROBERT J
143	WONG, KEVIN D
144	FOLEY, MATTHEW P
147	INFO DYNAMICS LLC
	THORNTHWAITE, WARREN N
148	PARISH, MILES
151	MARTY, ALAN W
152	BOGOTT, MARK L
155	ARRINGTON, CHRIS C
156	OCCUPANT UNKNOWN,
160	NAVARRETE, FERNANDO G
163	GALLO, IVAN J
164	MCKELVEY, MARK E
167	VAANHOLT, MARCO T
168	KIM, MELODY J
171	MCGOVERN, JAMES E
172	CARR, C
175	HAFTER, AMY
176	OCCUPANT UNKNOWN,
179	OCCUPANT UNKNOWN,
180	SOLBECK, ADA
183	FREEMAN, ESTELA E
187	HARRISON, MAVIS R
191	DEPRIMO, CILLE
195	VANIDES, JAMES G
205	VANIS, MATTHEW J
207	CHANG, PAUL A
211	WESTLEY, JOAN E
212	HAMREN, DAVID W
215	FEEHAN, PATRICK J
216	WATKINS, MARK E
219	MARTIN, DORWIN E

Target Street	Cross Street	Source
-	✓	Cole Information

HEDGE RD 2010 (Cont'd)

220	CARLSON, ERROL C
223	A KARAOKE DJ RENTAL
	SHERRILL, MAIA L
224	HAMREN, DIANNE F
225	PEREZ, JOSEPH
227	OCCUPANT UNKNOWN,
231	BAILE, RENATO C
232	SMITH, CHRISTIAN A
235	HALL, KEVIN D
236	CASEY, JEFFREY P
239	SENN, SANDRA C
240	BICKLER, HAROLD L
243	SCHIEBOLD, THEODORE
244	BARD, DAVID C
247	HAFKENSCHEID, JOSEPHINE H
248	OCCUPANT UNKNOWN,
251	GONZALEZ, TOMASA R
252	NOLASCO, TONY
255	DELAREA, MICHAEL G
	MID AUTO INC
256	OCCUPANT UNKNOWN,
259	HAUSLER, DAVE P
260	WHITLINGER, JOHN T
263	OCCUPANT UNKNOWN,
264	REITER, E
267	MARTINEZ, JAVIER J
268	COFFRON, MARY K
271	WONG, STEVE T
272	SANCHEZ, FERNANDO A
275	WONG, THOMAS F
276	OLSEN, DAVID R
279	EVANS, CURTIS L
283	ANAYA, ARNOLD M
287	NEAL, MARIA E
300	OCCUPANT UNKNOWN,
304	SAGGESE, BERNARD A
307	OCCUPANT UNKNOWN,
308	TURNER, RUSSELL D
311	DUCHARME, PHILIP W
315	REIS, EVAN M
319	EVANS, TRAVIS G
320	MCCOY, CYNTHIA J
323	VANOLI, LOUIS J
324	OCCUPANT UNKNOWN,
326	MCCARTHY, DONNA K
327	WRIGHT, GREGORY L
328	SHENK, CHARLES A
331	OCCUPANT UNKNOWN,
332	PETRY, OLIVER
335	HENGEHOLD, JAMES A

Target Street	Cross Street	Source
-	✓	Cole Information

HEDGE RD 2010 (Cont'd)

336 WAGNER, GARY L
339 OCCUPANT UNKNOWN,
340 DURANDO, ADEL M
343 PIMENTEL, MARY E
PRINT WORLD
344 MARSHALL, WILLIAM R
347 ING DESIGN
OCCUPANT UNKNOWN,
348 FULLERTON, GALE K
351 BOLICH, ELIZABETH L
352 CARMAN, JON A
355 TRAINA, SAM J
356 CLARK ASSOCIATES
CLARK, MICHAEL J
359 IZRAILOV, MICHAEL A
360 ROZELLE, ANDREW L
363 MCBAIN, LANCE Y
364 KEPLER, CLARK L
367 OCCUPANT UNKNOWN,
368 OCCUPANT UNKNOWN,
371 BARON, EDWIN M
372 OCCUPANT UNKNOWN,
375 MCHALE PHOTOGRAPHY
MCHALE, PHILIP J
383 EVERS, SCOTT A
387 YAEGER, TIMOTHY N
391 CATALANO, CHARLES R
395 VILLARD, THOMAS H

Target Street	Cross Street	Source
-	✓	Cole Information

BAY RD 2005

105	VAEWSORN, CHATCHAI
109	CIANDRINI, CHRISTINE
113	WALZ, DANIEL A
117	RETTERER, ARRON P
121	DUCKETT, FRED C
125	OCCUPANT UNKNOWN,
133	FABLINGER, FLORA L
137	CASTRO, RALPH J
141	GOLUBOVICH, MILLORAD V
145	OCCUPANT UNKNOWN,
149	GO, VIVIEN
153	BURKS, TIMOTHY C
	FORBES, CLAIRE J
215	OCCUPANT UNKNOWN,
287	MANLEY, JOHANNA S
291	KOMADINA, STEVE K
295	SACHT, ELSIE
313	BOYSE, KAREN A
317	ANDERSON, FRANK C
319	GARRATT, PAUL A
321	MCMASTER, DONNA R
323	DEAN, WALLACE L
327	BOLTZ, MADALENE G
333	SCOTT, BETTY E

Target Street	Cross Street	Source
-	✓	Cole Information

COMMONWEALTH DR 2005

135	DILIGENT TECHNOLOGIES CORP
	LATHAM & WATKINS
	SEACASTLE MSCL MRKTNG LLC
	WINDY HILL MEDICAL INC
149	A S
	ALEXANDER D CROSS CONSULTANT
	APPLIED EXPERT SYSTEMS INC
	ENTERASYS
	EXPONENT INC
	FAAA PRODUCTS CORP
	GUCKENHEIMER ENTERPRISES INC
	HITECH LAW
	KPLJ VENTURES
151	DIAGEO NORTH AMERICA OF MENLO PARK
	DIAGEO PLC INC
	UNITED DISTILLERS & VINTNERS

Target Street	Cross Street	Source
-	✓	Cole Information

DEL NORTE AVE 2005

1004 LUTTON, RICHARD J
1020 GUTHEIL, GLENN W
1023 MEEHAN, DANIEL J
1025 ADVANCED ARBITRATION ROTO TWNG
OCCUPANT UNKNOWN,
1026 BLOCK, CHENNA B
1027 WEBSTER, FRED A
1031 CONRAD, SCOTT A
1033 KALMEYER, VADIM
1035 FLIESS, DEREK J
1037 HIGHWAY 88 MINI STORAGE
WISEMAN, ANNETTE L
1043 MCCLAIN, BRIAN L
1047 RISTAU, KEVIN T
1051 VONGUGGENBERG, PHILIP A
1055 COLWELL, WILLIAM T
1056 CHEUNG, RAYMOND C
1059 IBARRA, RAMON R
1062 SMILEY, HAROLD F
1063 CALDWELL, MITCHELL C
1068 MCCARTHY, JAMES S
1072 MCPHEE, BRUCE G
1073 HILSE, FRED C
1074 SUCHET, CHRISTOPHER E
1077 LEMOS, ARNOLD F
1101 ESQUIVEL, JENNIFER N
WASHINGTON, LELA
1103 OCCUPANT UNKNOWN,
1104 FARIAS, FERNANDO
MORENO, MIGUEL M
1106 OCCUPANT UNKNOWN,
1107 JENNINGS, DAVID
1108 CONTRERAS, MARTIN L
LOZANO, MIGUEL
MEDINA, ARMANDO
MORENO, RAMON M
NERIO, MOISES
1111 VENTURA, MARTHA
1112 HART, LAWRENCE
1115 AGUILAR, MARIO A
1116 MURILLO, GABRIELA
1120 VASQUEZ, LUIS Z
1121 CISNEROS, MARIA
1123 OCCUPANT UNKNOWN,
1125 LEIVA, ANA
1127 GARCIA, JUAN
1129 ARTEAGA, PABLO
1131 ASKEW, MELVIN J
WASHINGTON, GREGORY A

Target Street	Cross Street	Source
-	✓	Cole Information

HEDGE RD 2005

105	COFFEY, SHIRLEY R
108	WARDROP, RONALD S
109	OWEN, TUDOR G
111	CWIRLA, STEVEN E
115	RYDER, WAYNE C
116	FARNHAM, JEAN C
117	ZUMSTEIN, MATTHEW D
119	MEERSCHEIDT, IRENE V
123	OCCUPANT UNKNOWN,
124	MARSH, JERRY C
127	BROWN, JERRY A
128	CARRASCO, SERGE P
131	DAVIS, MICHAEL E
132	COLE, STEVE T
135	HALPERN, MITCHELL B
136	LYNCH, MARY A
139	SKIDANENKO, VICTOR T
140	SILANO, ROBERT J
143	WONG, JEANNE L
144	SARAFIAN, MICHAEL J
147	THORNTHWAITE, WARREN N
148	PARISH CHATER LINES INC
	PARISH, VANDOLF
151	MARTY, ALAN W
	NOAH BASKETBALL
152	BOGOTT, MARK L
155	ARRINGTON, CHRISTIAN C
156	KENNEDY, DAVID L
159	PEREZ, KEN
160	OCCUPANT UNKNOWN,
163	OCCUPANT UNKNOWN,
164	MCKELVEY, MARK E
167	OCCUPANT UNKNOWN,
168	LOWE, PATRICIA P
171	MCGOVERN, SYLVIA C
172	CARR, C
175	DAWN BERCOW CONSULTING
	HANNAH, DAWN L
176	VIRTUCIO, JOSEPH
179	STLEDGER, SUSAN M
180	SOLBECK, ADA
183	FREEMAN, ESTELA E
187	HARRISON SILVERSMITHS INC
	OCCUPANT UNKNOWN,
191	ZABALA, ERNESTINE L
195	VANIDES, JAMES G
201	WALKER, RITA A
205	HAZARD, JON A
207	HANSEN, SHAD A
211	WESTLEY, JOAN E

Target Street	Cross Street	Source
-	✓	Cole Information

HEDGE RD 2005 (Cont'd)

212	BAKA, DAVID W
215	FEEHAN, PATRICK J
216	WATKINS, MARK E
219	MARTIN, DORWIN E
220	HAMREN, DAVID W
223	WEISBARTH, MARK K
224	DAVIS, KRISTIN C
225	PEREZ, JOSEPH
227	HOFFMIRE, PHIL J
231	BAILE, RENATO C
232	ALFANO, CHRISTINE L
239	SENN, SANDRA C
240	BICKLER, HAROLD L
243	DEMARTINI, LISA N
244	OCCUPANT UNKNOWN,
247	HAFKENSCHEID, JOSEPHINE
248	ZAMMIT, KENT D
251	GONZALEZ, TOMASA R
252	NOLASCO CONSTRUCTION GROUP
	NOLASCO, ANTONIO L
255	DELAREA, MONIKA R
256	SARKISIAN, L
259	HAUSLER, DAVE P
260	WHITLINGER, JOHN T
263	HOO, BRADLEY S
264	REITER, JOHN E
267	MARTINEZ, JAVIER J
268	GARNIER, MARK E
271	WONG, STEVE T
272	SANCHEZ, FERNANDO U
275	WOFAM, T
276	OLSEN, DAVID R
279	EVAN, CURTIS
283	ANAYA, AROLD M
287	ROBERTSON, JAMES M
300	OCCUPANT UNKNOWN,
304	SAGGESE, BERNARD A
307	OCCUPANT UNKNOWN,
308	TURNER, RUSSELL D
311	OCCUPANT UNKNOWN,
312	SCHUSTER, TOBIAS M
315	REIS, EVAN M
316	HAMMOND, THELMA B
319	EVANS, TRAVIS G
320	OCCUPANT UNKNOWN,
324	SORAN, PATRICK D
326	MCCARTHY, DONNA K
327	RECHSTEINER, DOUGLAS J
331	SHANKS, WILLIAM W
332	APFELBERG, STEVE T

Target Street	Cross Street	Source
-	✓	Cole Information

HEDGE RD 2005 (Cont'd)

335	KELLEY, NOVELLA L
336	WAGNER, GARY L
339	YANG, LANSHIN
340	DURANDO, MARY K
343	PIMENTEL, MARY E
344	MARSHALL, WILLIAM R
347	ING, CRAIG B
348	FULLERTON, GALE K
351	BOLICH, ELIZABETH
352	CARMAN, JOHN
355	TRAINA, SAM J
356	CLARK ASSOCIATES
	CLARK ASSOCS HUMAN RESOURCE MGMT CON
	CLARK, MICHAEL J
359	IZRAILOV, MICHAEL A
360	NAVIGATION WEALTH
	WILLIAMS, PAMELA S
363	RAMSEY, LINDA A
364	KEPLER, CLARK L
367	PERSSON, ELLEN M
368	GRIFFITH, TERRY L
371	BARON, EDWIN M
372	WILLIAMS, JOHN S
375	MCHALE, PHILIP J
383	BRIDGE POINTE TECHNOLOGIES INC
	BRIDGEPOINTE TECHNOLOGIES INC
	EVERS, SCOTT
387	MACMASTER, KELLEY M
391	CATALANO, CHARLES R
	VISIONS OF SUGARPLUMS
395	VILLARD, THOMAS H

Target Street	Cross Street	Source
-	✓	Cole Information

BAY RD 2000

105	VAEWSORN, C
109	JOSEPHY, ELLEN D
113	WALZ, DANL
117	OCCUPANT UNKNOWN,
121	OCCUPANT UNKNOWN,
125	LIMP, DAVID A
129	SWENSON, CURTIS E
133	FABLINGER, FLORA L
137	OHARA, EDWARD
141	OCCUPANT UNKNOWN,
145	WOODS, DANIEL
149	LUFF, JOHN
153	BURKS, TIMOTHY
	FORBES, CLAIRE J
215	FLOOD PARK
	MORGAN, JAMES P
	SAN MATEO COUNTY OFFICES PARKS & RECREATION
	SAN MATEO COUNTY PARKS & RECREATION FOU NDATION
264	MARTIN, ALBERTA J
287	MANLEY, J M
291	KOMADINA, STEVE K
295	SACHT, EUGENE
296	OCCUPANT UNKNOWN,
313	BOYSE, WILLIAM E
	PAVER, KAREN A
318	WILLIAMS, R
319	GARRATT, PAUL
321	OCCUPANT UNKNOWN,
323	DEAN, WALLACE L
327	MARTINEZ, P G
333	SCOTT, BETTY E
352	SCHOOLER, WILLIAM T

Target Street	Cross Street	Source
-	✓	Cole Information

COMMONWEALTH DR 2000

130	ALBERT, AMY S
135	ALBERT, MARK
	RESOURCE COMMERCIAL
149	CROSS A D DR SCI & BUSINESS CONS
	EXPONENT
	FAILURE ANALYSIS ASSOCIATES
	PHOTOGRAPHIC & IMAGE RESEARCH LAB
	PIRL OFFICE
	RISK MANAGEMENT SOLUTIONS INCORPORATED OFFICE
151	UDV NORTH AMERICA

Target Street	Cross Street	Source
-	✓	Cole Information

DEL NORTE AVE 2000

1004	BELLA, LAURA
1020	TULLY, TIMOTHY
1023	MEEHAN, DANIEL
	NEWTON, ALICE
1025	ADVANCED AERATION & ROTOTILLING
	IRWIN, RICHARD P
	RICKSS ROTO & GARDEN SERVICE
1026	BLOCK, CHENNA B
1027	WEBSTER FRED CNSLTNG ENGNR
	WEBSTER, FRED
1031	CONRAD, SCOTT
1033	OCCUPANT UNKNOWN,
1035	HART, TAMARA S
1037	WULFSTAT, MATT
1043	FLAUTT, JAMES
1047	VRANESH, JAMES M
1051	VONGUGGENBERG, PHILIP
1055	OCCUPANT UNKNOWN,
1056	CHEUNG, RAYMOND C
1059	BRISLEY, DENNY
1062	SMILEY, HAROLD F
1063	CALDWELL, M
1068	OCCUPANT UNKNOWN,
1072	MCPHEE, BRUCE G
1073	HILSE, FRED C
1074	BRAY, N
1101	ESQUIVEL, JOSE G
1103	ONEAL, CLARICE
1104	OCCUPANT UNKNOWN,
1107	OCCUPANT UNKNOWN,
1108	ARDOIN, C
	CONTRERAS, M
	SEALS, JAMES S
1111	OCCUPANT UNKNOWN,
1112	OCCUPANT UNKNOWN,
1115	AVILA, B
1116	SEYMOUR, PAULINE G
1119	SALAS, FIDEL
1121	GALLARDO, ANTONIO
1123	GARCIA, ALBERTO T
1125	MAGALLON, LETICIA
1127	STERLING, APRIL D
1129	OCCUPANT UNKNOWN,
1131	EDWARDS, BRADY Y

Target Street	Cross Street	Source
-	✓	Cole Information

HEDGE RD 2000

107	MARRS, J
108	OCCUPANT UNKNOWN,
109	OWEN, T G
111	CWIRLA, STEVEN
115	RYDER, WAYNE C
117	OCCUPANT UNKNOWN,
119	MEERSCHEIDT, HENRY S
123	NOLAND, DAVID
124	MARSH, JERRY
127	BROWN, JERRY A
131	DAVIS, MICHAEL B
132	COLE, STEVE
135	OCCUPANT UNKNOWN,
136	LYNCH, EDWARD J
139	SKIDANENKO, VICTOR T
140	SILANO, ROBERT J
143	OCCUPANT UNKNOWN,
144	SARAFIAN, MICHAEL
147	THORNTHWAITE, WARREN
148	PARISH MARY L
	PARISH, MARY L
151	MARTY, ALAN
152	OCCUPANT UNKNOWN,
155	MCGAUGHEY, PATRICK O
156	KENNEDY, DAVID
159	PEREZ, KEN
160	MUNDY, JOY
	NAVARRETE, JORGE A
163	GALLO, IVAN
164	MCKELVEY, MARK E
167	SCHIRMACHER, JAY C
171	CRAFTS, ROBERT
172	BECKER, MILTON M
176	VLAMING, FRANK
179	NEWELL, PETER
180	SOLBECK, RICHARD
183	FREEMAN, ESTELA E
	LIM, CHUNG H
	MCDONOUGH, COLLEEN A
187	HARRISON, THOMAS R
191	ZABALA, S
195	VANIDES, JAMES G
201	MAISTERRA, NINA A
205	HAZARD, JON A
211	WESTLEY, JOAN E
212	BAKA, DAVID
219	MARTIN, DORWIN
220	OCCUPANT UNKNOWN,
223	DONOHUE, MAURA
	LOOKING GLASS COMMUNICATIONS

Target Street	Cross Street	Source
-	✓	Cole Information

HEDGE RD 2000 (Cont'd)

223 STEVENSON, COTTON
224 OCCUPANT UNKNOWN,
228 OCCUPANT UNKNOWN,
231 BAILE, JAIME C
232 HUGHES, GRAY W
235 KENSIL, ROGER F
236 COBB, KEN
239 SENN, M
240 BICKLER, HAROLD
243 DEMARTINI, LISA N
244 NICASTRO, PAMELA G
247 OCCUPANT UNKNOWN,
248 ZAMMIT, KENT D
251 HERNANDEZ, CARMEN
252 NOLASCO, CYNTHIA J
256 JOW, COLLIN
259 HAUSLER, DAVE
260 WHITLINGER, JOHN
263 OCCUPANT UNKNOWN,
264 REITER, JOHN E
267 OCCUPANT UNKNOWN,
268 OCCUPANT UNKNOWN,
271 FIGLIOZZI, JULIE A
272 KLUWIN, MICHAEL
275 HEE, ALICE J
SHOW-CHU, THOMAS
WOFAM, T
WONG, THOMAS
276 OLSEN, DAVID
279 OCCUPANT UNKNOWN,
283 OCCUPANT UNKNOWN,
287 ROBERTSON, JAMES M
300 COLLINS, PATRICK E
304 SAGGESE, BERNARD
307 OCCUPANT UNKNOWN,
308 IYER, MOHAN
311 DUCHARME, PHILIP
312 VANDERLINDE, RICH
315 REIS, EVAN
316 HAMMOND, THELMA B
319 EVANS, TRAVIS G
320 GRIFFIN, ROBERT N
321 OCCUPANT UNKNOWN,
323 VANOLI, LOUIS
324 DARBY, MARY A
327 PEER, GARY H
328 AMBERG, ARTHUR L
331 SHANKS, WILLIAM W
332 APFELBERG, STEVE
335 KELLEY, NOVELLA L

Target Street	Cross Street	Source
-	✓	Cole Information

HEDGE RD 2000 (Cont'd)

336	WAGNER, GARY
339	OCALLAGHAN, CHERYL
340	ANDERSON, BETTY R
343	PIMENTEL, MARY E
	PRINT WORLD
344	MARSHALL, WILLIAM R
347	ING, CRAIG
348	OCCUPANT UNKNOWN,
351	BURKE, MARY E
352	SEWELL, HOWARD J
355	OCCUPANT UNKNOWN,
356	CLARK, MICHAEL J
359	IZRAILOV, MICHAEL
360	WILLIAMS, PAMELA S
363	RAMSEY, LINDA
364	KING, MILDRED
367	PERSSON, ELLEN
368	GRIFFITH, TERRY L
371	BARON, EDWIN
372	WILLIAMS, JOHN
375	MCHALE, PHILIP J
379	JEAN, GOETTGE
387	SANFORD, LINDSAY
391	MCNAIR, WILLIAM W

Target Street	Cross Street	Source
-	✓	Cole Information

BAY RD 1995

105	OCCUPANT UNKNOWNN
113	WALZ, DANIEL A
117	VASSALLE, ANTHONY
121	THURMAN, JOSEPH
129	SWENSON, CURTIS E
133	FABLINGER, WILLIAM
137	OHARA, EDWARD
141	GOLUBOVICH, MILLORA
145	WOODS, DANIEL B
149	DU, CHARME P
	KEITH, WILLIAM
153	KRAUS, ROBERT K
215	FLOOD PARK
264	MARTIN, ALBERTA J
287	MANLEY, J M
291	KOMADINA, STEVE K
295	SACHT, EUGENE
296	COLEMAN, DENIS R
313	BOYSE, WILLIAM E
	PAVER, KAREN A
317	TAYLOR, SYDNEY D
318	WILLIAMS, I T
	WOODWARD, JAMES D
319	GARRATT, PAUL
321	HODNETT, RANDY
323	DEAN, WALLACE L
327	SCHREIBER, TRACY
333	OCCUPANT UNKNOWNN
352	SCHOOLER, WILLIAM T

Target Street	Cross Street	Source
-	✓	Cole Information

COMMONWEALTH DR 1995

149 FAILURE GROUP INC
151 HEUBLEIN INC

Target Street	Cross Street	Source
-	✓	Cole Information

DEL NORTE AVE 1995

1004	RIOS, GORDON
1020	TULLY, KAYE
1023	MEEHAN, DANIEL
	NEWTON, ALICE
1025	OCCUPANT UNKNOWNN
	RICKS ROTO & GARDEN SVC
1027	FRED WEBSTER
	WEBSTER, FRED
1031	CONRAD, SCOTT
	NUSINSON, SHARI
1033	SATTLER, WARREN A
1035	HART, JAMIE L
1037	PALMER, DEBORAH
1043	OCCUPANT UNKNOWNN
1047	SNODGRASS, GREGORY
1051	OCCUPANT UNKNOWNN
1055	COLWELL, WILLIAM
1056	OCCUPANT UNKNOWNN
1059	KEATING, BRIAN
1062	SMILEY, HAROLD F
1063	CALDWELL, M
1068	MCCARTHY, JAMES
1072	MCPHEE, BRUCE G
1073	HILSE, FRED C
1074	BERGESON, DIANA
1101	FARAH, M
	NEXT GENERATION HOME DAY CARE
	STRONG, ARON
1103	ONEAL, CLARICE Y
1104	OCCUPANT UNKNOWNN
1106	OCCUPANT UNKNOWNN
1108	SANDERS, NORFLEE E
1111	DOBSON, MILDRED
1115	OCCUPANT UNKNOWNN
1116	SEYMOUR, PAULINE G
1119	MENDOZA, SIMON
1120	VAZQUEZ, LUIS
1121	OCCUPANT UNKNOWNN
1123	LEAFA, POSEKA T
1125	OCCUPANT UNKNOWNN
1129	RUFUS, KIMBERL
1131	OCCUPANT UNKNOWNN

Target Street	Cross Street	Source
-	✓	Cole Information

HEDGE RD 1995

107	MARRS, J
108	WARDROP, BARBARA N
109	OWEN, TUDOR G
111	OCCUPANT UNKNOWNN
115	RYDER, WAYNE C
116	FARNHAM, DANIEL W
117	OCCUPANT UNKNOWNN
119	MEERSCHEIDT, HENRY S
123	OCCUPANT UNKNOWNN
124	MARSH, JERRY
127	BROWN, JERRY A
128	VANKIRK, JOHN L
131	DAVIS, MICHAEL B
132	COLE, STEVE
135	OCCUPANT UNKNOWNN
136	LYNCH, EDWARD J
139	SKIDANENKO, VICTOR T
140	OCCUPANT UNKNOWNN
143	WONG, ROGER H
144	HAUHN, MICHAEL
147	THORNTHWAITE, WARREN
151	MARTY, ALAN
152	MOSER, ROBERT
155	OCCUPANT UNKNOWNN
156	OCCUPANT UNKNOWNN
159	OCCUPANT UNKNOWNN
160	MUNDY, JOY
	NAVARRETE, JORGE A
163	GALLO, IVAN
164	OCCUPANT UNKNOWNN
167	OCCUPANT UNKNOWNN
168	OCCUPANT UNKNOWNN
171	JOHNSON, ANGELA
172	CARR, GEORGE E
175	OCCUPANT UNKNOWNN
176	HSIAO, TOMMY
	VLAMING, FRANK
179	OCCUPANT UNKNOWNN
180	SOLBECK, RICHARD
183	FREEMAN, MARK L
187	HARRISON, THOMAS R
191	ZABALA, SALAVAD
195	OCCUPANT UNKNOWNN
201	WALKER, LOUIS R
205	LINDQUIST, ERIC P
207	OCCUPANT UNKNOWNN
211	WESTLEY, JOAN E
212	BAKA, DAVID
215	OCCUPANT UNKNOWNN
216	CLARK, MICHAEL W

Target Street	Cross Street	Source
-	✓	Cole Information

HEDGE RD 1995 (Cont'd)

219	MARTIN, DORWIN
220	OCCUPANT UNKNOWNN
223	OCCUPANT UNKNOWNN
224	BOYDEN, CAROL S
227	OCCUPANT UNKNOWNN
228	VILEZ, G E
232	HUGHES, GRAY W
235	KENSIL, ROGER F
236	CASEY, LORI
239	SENN, M S
240	BICKLER, HAROLD
243	DEMARTINI, LISA N
244	RAVIZZA, GEORGE
247	HAFKENSCHEID, JULIUS
251	OCCUPANT UNKNOWNN
252	HARDESTY, ROBERT C
255	CHANDLER, DANIEL
256	JOW, COLLIN
259	HAUSLER, DAVE
260	WHITLINGER, JOHN T
263	GOUDY, GARY L
264	REITER, JOHN E
267	OCCUPANT UNKNOWNN
	R L ASSOC
268	COFFRON, MARY K
271	MILLER, M W
272	KLUWIN, MICHAEL
275	WOFAM, T
	WONG, THOMAS
276	OLSEN, DAVID
279	EVANS, PAMELA
283	ANAYA, ARNOLDO
287	OCCUPANT UNKNOWNN
300	OCCUPANT UNKNOWNN
304	OCCUPANT UNKNOWNN
307	LILES, SAM B
308	PURYEAR, MARTIN
311	KLETT, HAROLD R
312	OCCUPANT UNKNOWNN
315	SCHINDELE, ERVIN
316	HAMMOND, HUGH G
319	EVANS, TRAVIS G
320	GRIFFIN, ROBERT N
323	VANOLI, LOUIS
324	GOLDMAN, J
327	PEER, GARY H
328	AMBERG, ARTHUR L
331	SHANKS, WILLIAM W JR
332	MCCOY, ARTHUR
335	KELLEY, DWANE

Target Street	Cross Street	Source
-	✓	Cole Information

HEDGE RD 1995 (Cont'd)

339	BJORK, WILLIAM E
340	DURANDO, MARY K
343	PIMENTEL, MARY E
	PRINT WORLD
344	JUST A RISER
	MARSHALL, WILLIAM R
347	ING, CRAIG
348	TURSI, ANDE
351	OCCUPANT UNKNOWNN
352	SEWELL, HOWARD J
355	LAFOND, ALICE
356	CLARK ASSOCIATES
	CLARK, MICHAEL J
359	IZRAILOV, MICHAEL
360	OCCUPANT UNKNOWNN
363	RAMSEY, LINDA
364	OCCUPANT UNKNOWNN
367	PERSSON, ELLEN
368	GRIFFITH, TERRY L
371	BARON, EDWIN
372	WILLIAMS, JOHN SR
375	OCCUPANT UNKNOWNN
379	OCCUPANT UNKNOWNN
383	OCCUPANT UNKNOWNN
387	BENEVENTO, MICHAEL J
	SANFORD, LINDSAY
395	KOSITSKY, JOEL

Target Street	Cross Street	Source
-	✓	Cole Information

BAY RD 1992

113	WALZ, DANIEL A
117	HAADERUP, ULRIK
121	THURMAN, JOSEPH
125	GILROY, M M
129	SWENSON, CURTIS E
133	FABLINGER, WILLIAM
137	OHARA, EDWARD
141	GOLUBOVICH, MILORAD
145	KIPPING, DAVE
	SOFTWARE RESULTS
149	DU, CHARME P
	KEITH, WILLIAM
264	MARTIN, ALBERTA J
287	MANLEY, J M
291	KOMADINA, STEVE K
295	SACHT, EUGENE
296	COLEMAN, DENIS
313	BOYSE, WILLIAM E
	PAVER, KAREN A
319	GARRATT, PAUL
321	HODNETT, RANDY
323	DEAN, WALLACE L
352	SCHOOLER, WILLIAM T

Target Street	Cross Street	Source
-	✓	Cole Information

COMMONWEALTH DR 1992

149 FAILURE ANALYSS ASC
PLANGUARD
151 HEUBLEIN INC

Target Street	Cross Street	Source
-	✓	Cole Information

DEL NORTE AVE 1992

1023	MEEHAN, DANIEL
	NEWTON, ALICE
1027	WEBSTER FRED
	WEBSTER, FRED
1031	NUSINSON, SHARI
1033	SATTLER, WARREN A
1037	CIMNELLI, GARY
1043	GREER, STEVE
1047	ERPENBECK, CHIP
1051	PROBST, RICHARD
1055	COLWELL, WILLIAM
1062	SMILEY, HAROLD F
1063	CALDWELL, M
1068	MCCARTHY, JAMES
1072	MCPHEE, BRUCE G
1073	HILSE, FRED C
1101	FARAH, M
	YOUNG, B S
1108	SANDERS, N E
1111	DOBSON, MILDRED
1115	ARIAS, ANDREAS
1129	RUFUS, K
1135	TOA, MELE

Target Street	Cross Street	Source
-	✓	Cole Information

HEDGE RD 1992

107	MARRS, J
115	RYDER, WAYNE C
119	MEERSCHEIDT, HENRY S
124	MARSH, JERRY
131	DAVIS, MICHAEL B
136	LYNCH, EDWARD J
144	SARAFIAN, MICHAEL
147	THORNTHWAITE, WARREN
148	PARISH, MARY L
151	MARTY, ALAN
152	MOSER, ROBERT
160	MUNDY, JOY
	NAVARRETE, JORGE A
163	GALLO, IVAN
167	DULLAGHAN, JIM
176	VLAMING, FRANK
180	SOLBECK, RICHARD
183	FREEMAN, MARK L
187	HARRISON, THOMAS R
191	ZABALA, SALVADA
201	WALKER, LOUIS R
205	KERRIGAN, BRIAN S
211	DAHER, DOUGLAS
212	BAKA, DAVID
216	CLARK, MICHAEL W
219	MARTIN, DORWIN
227	PRICE, DAVID L
228	VILEZ, G E
232	HUGHES, GRAY W
235	KENSIL, ROGER F
236	COBB, KEN
239	SENN, RICHARD T
240	BICKLER, HAROLD
243	ARTHUR, C
	DANIEL, DAVID
244	RAVIZZA, GEORGE
247	HAFKENSCHEID, JULIUS
252	HARDESTY, ROBERT C
255	CHANDLER, DANIEL
259	HAUSLER, DAVE
260	WHITLINGER, JOHN T
263	GOUDY, GARY L
264	REITER, JOHN E
267	R L ASSOCIATES
268	COFFRON, MARY K
272	KLUWIN, MICHAEL
275	WOFAM, T
	WONG, THOMAS
276	OLSEN, DAVID
307	HOLDREGE, ROBERT L

Target Street	Cross Street	Source
-	✓	Cole Information

HEDGE RD 1992 (Cont'd)

308	CARSANARO, JOE
315	SCHINDELE, ERVIN
316	HAMMOND, HUGH G
323	VANOLI, LOUIS
324	GOLDMAN, J
327	PEER, GARY H
328	AMBERG, ARTHUR L
331	SHANKS, WILLIAM W JR
335	KELLEY, DWANE
339	BJORK, WILLIAM E
	OCALLAGHAN, CHERYL M
340	ANDERSON, B
	RISCH, TORE
343	PIMENTEL, MARY E
	PRINT WORLD
344	MARSHALL, WILLIAM R
347	ING, CRAIG
348	TURSI, ANDE
355	TRAINA, SAM J JR
359	IZRAILOV, MICHAEL
363	RAMSEY, LINDA
367	PERSSON, ELLEN
368	GRIFFITH, TERRY L
371	BARON, EDWIN
372	WILLIAMS, JOHN SR
379	GOETTGE, D J

Target Street	Cross Street	Source
-	✓	HAINES AND COMPANY

BAY RD 1986

105	GREEN CLINTON	324-2374	
	GREEN DOROTHY M	324-2374	
109	THOMSON M J	328-6958	0
113	WALZ DANL A	322-7431	
117	SCHREINER RICHARD	323-5271	9
121	THURMAN DIANA	328-7026	0
	THURMAN JOSEPH	328-7026	
125	GILROY M M	322-2260	
129	SWENSON CURTIS E	324-3266	
133	FABLINGER WILLIAM	323-7537	
137	ZINDER PAUL	327-5655	7
141	GOLUBOVICH MILLORAD	325-5304	
145	KIPPING DAVE	326-0554	
	KIPPING ROSALIND	326-0554	
149	KEITH WILLIAM	323-6787	
153	NESBIIT HAROLD	323-1710	5
	NESBITT H	327-3097	7
215	**SMTO CO PKS&REC**	**363-4022**	3
264	MARTIN ALBERTA J	324-2636	
287	MANLEY J M	322-7941	
291	KOMADINA STEVE K	325-1835	
295	SACHT E	322-7023	1
296	COLEMAN ALETHA	323-3808	5
	COLEMAN DENIS	323-3808	5
	SIGNATURE SOFTWARE	**322-9006**	4
319	GARRATT PAUL	326-1227	0
321	HODNETT RANDY	326-2347	3
	MCMASTER DONNA	326-2347	3
323	**AIRCRAFT MKTG CNSLT**	**323-4560**	1
	DEAN WALLACE LEE	323-4561	
327	DOTSENKO PAUL	325-0400	0
333	SCOTT B E	328-5568	3
352	SCHOOLER WM T	325-1352	

Target Street	Cross Street	Source
-	✓	HAINES AND COMPANY

COMMONWEALTH DR 1986

COMMONWEALTH DR
94025 MENLO PARK

149	HEUBLEIN INC	739-3910	9
151	HEUBLEIN ACCOUNTS	329-3236	
	HEUBLEIN ACCTS PYBL	329-3236	3
	HEUBLEIN CSTMR ORDR	324-2758	
	HEUBLEIN EMPLY MSSG	329-3256	
	HEUBLEIN INC	324-2751	2
	HEUBLEIN MESSGE CTR	329-3256	3
	HEUBLEIN ORDER DEPT	324-2758	3
	HEUBLEIN PERSONNEL	329-3221	3
	HEUBLEIN PURCHSNG	329-3213	3
	HEUBLEIN RECEIVING	329-3252	3
	HEUBLEIN SHPG WRHSG	329-3206	3

★ 12 BUS 0 RES 0 NEW

Target Street	Cross Street	Source
-	✓	HAINES AND COMPANY

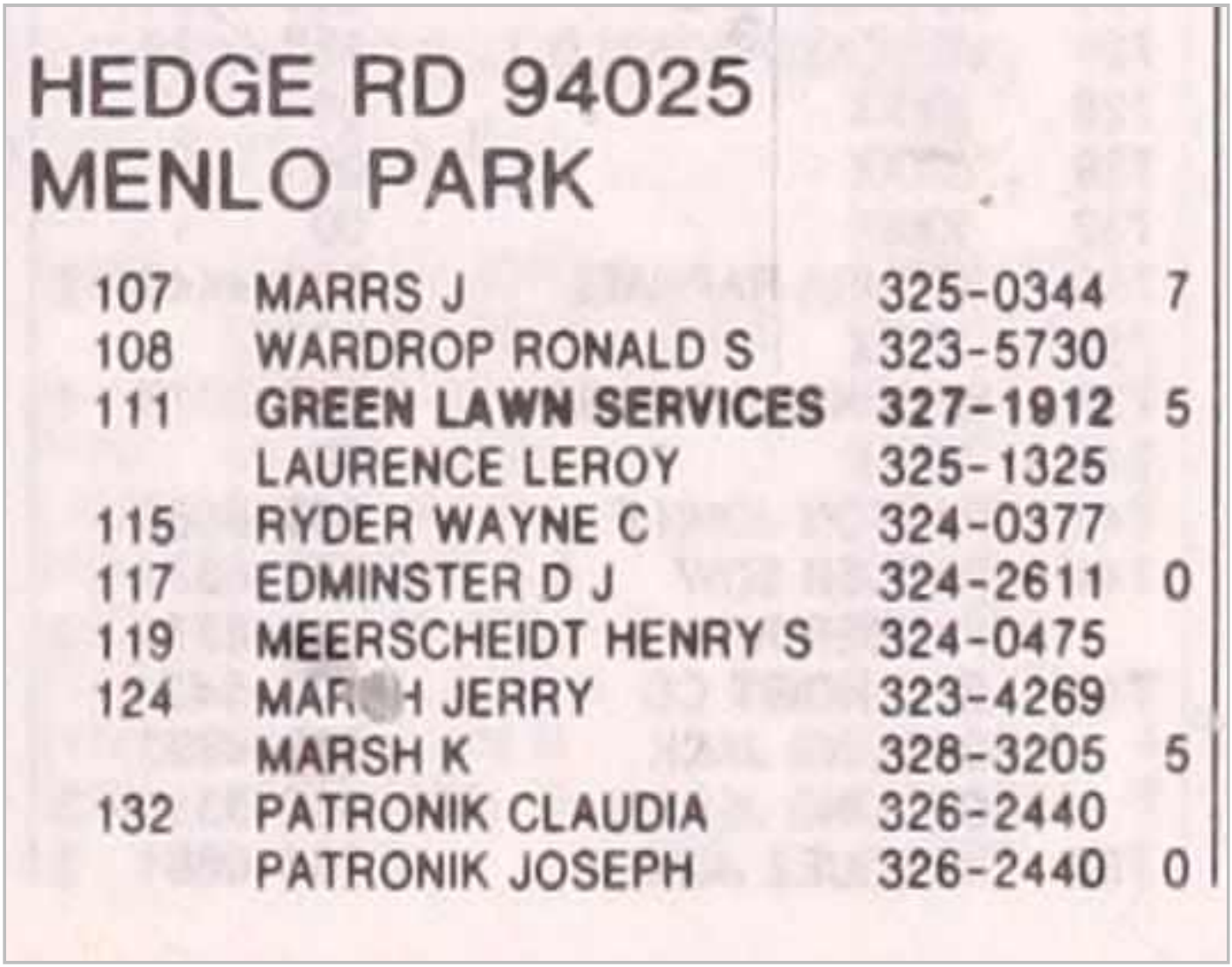
DEL NORTE AVE 1986

DEL NORTE AV 94025
MENLO PARK

1020	ROY J A	323-0680	
1023	HEATHMAN MICHAEL	325-0514	9
1033	SATTLER WARREN A	327-9097	4
1037	CARLSON MERREN	323-4307	
	CARLSON RICHARD	323-4307	3
1043	BAUM ROBT A	325-0497	
1051	LOVEGREN BRYAN	321-1733	2
1055	COLWELL WILLIAM	325-6514	
1056	HEGELHEIMER EDGAR	322-0086	
1062	SMILEY HAROLD F	323-1421	
1063	CALDWELL JOAN	324-1546	8
	CALDWELL MITCHELL	324-1546	
1072	MCPHEE BRUCE G	325-0640	7
1073	HILSE DATA	328-8699	4
	HILSE FRED C	325-3129	7
1074	BREMOND HARRY	323-4521	3
1101	ALI LUTFIYYAH	322-2813	5
1106	CARRIEL JOSE	321-0573	5
1108	GREEN DOROTHY M	326-2474	4
1111	DOBSON MILDRED	323-3203	1
1112	WILLIAMS GAILAND L	322-5038	4
1115	TUPOU LIKAINA	321-1533	5
1120	VASQUEZ LUIS	325-4365	0
★	1 BUS 22 RES	0 NEW	

Target Street	Cross Street	Source
-	✓	HAINES AND COMPANY

HEDGE RD 1986



HEDGE RD 94025
MENLO PARK

107	MARRS J	325-0344	7
108	WARDROP RONALD S	323-5730	
111	**GREEN LAWN SERVICES**	**327-1912**	5
	LAURENCE LEROY	325-1325	
115	RYDER WAYNE C	324-0377	
117	EDMINSTER D J	324-2611	0
119	MEERSCHEIDT HENRY S	324-0475	
124	MAR[illegible]H JERRY	323-4269	
	MARSH K	328-3205	5
132	PATRONIK CLAUDIA	326-2440	
	PATRONIK JOSEPH	326-2440	0

Target Street	Cross Street	Source
-	✓	HAINES AND COMPANY

HEDGE RD 1986

HEDGE RD		94025 CONT	
135	MATTI JONATHAN C	321-4013	0
136	LYNCH EDW JOS	323-1665	
144	SARAFIAN MICHAEL	323-4482	9
147	MEHTA JAMES M	322-0469	
148	PARISH MARY L	325-4866	4
151	MASON JOHN	326-1358	4
	MASON KERRY	326-1358	
156	MOYLE JON	325-3031	9
159	**HANSEN ROBT M MD**	**321-0437**	5
	SVOBODA KATHRYN	321-0437	5
163	GALLO IVAN	324-1193	
164	MATTISON A	328-1538	2
168	BARRETT L	325-7872	3
176	KAPLAN RUSSELL	326-1426	5
	VLAMING FRANK	323-0969	
179	BROWN CAHS R	323-9075	5
	BROWN E KAY	323-9075	5
180	SOLBECK RICHARD	323-4897	
183	FREEMAN M	322-9227	1
187	HARRISON THOMAS R	322-3668	
191	DEPRIMO CILLE	326-2533	5
	ZABALA SALVADOR	325-1131	5
201	PARINS PATRICK M	325-8018	4
	WALKER LOUIS R	323-9525	
205	REDELFS RICHARD A	328-9219	4
207	LEBRUN MARC	853-1998	5
	LEBRUN MARIAN	853-1998	5
212	BAKA DAVID W	325-2223	7
216	AIKENS MARK	323-3359	0
219	MARTIN DORWIN	325-1419	5
	MARTIN KATHRYN	325-1419	5
227	SMITH P H REV	325-3954	4
228	VILEZ G E	322-3959	
232	HUGHES GRAY W	325-7770	
235	KENSIL ROGER F	321-6996	2
236	COBB KEN	323-5221	
239	SENN RICHARD T	322-9085	
240	BICKLER HAROLD	322-6120	
244	RAVIZZA GEO	322-1938	
247	HAFKENSCHEID JULIUS	325-5303	
248	LEE FONT	325-2006	2
252	HARDESTY ROBT C	325-5959	4
255	HUTTO F E	323-4495	
259	HAUSLER DAVE	321-2957	4
260	HUDON K	322-9695	
263	GOUDY GARY L	322-1338	
264	REITER JOHN E	321-8766	5
	RIETER SHIRLEY	321-8766	5
267	POSTON STEVEN	853-1425	4
268	COFFRON M K	321-4760	4
272	KLUWIN MICHAEL	328-0921	5
275	WONG THOS	324-3580	
276	EMERT RICHARD A	322-7503	5
279	XXXX	00	
287	DUNCAN ALFRED	323-7152	4
300	RHODES IRVING G	325-7634	
307	HOLDREGE ROBT L	325-7357	
308	LACKEY R W	322-7106	
311	KLETT HAROLD R	325-8430	
312	BOGART JOANNE	325-8332	
	BOGART RICHARD	325-8332	4
315	SCHINDELE ERVIN	322-3383	
316	HAMMOND HUGH G	323-7042	
320	FISCHER DOUGLAS E	325-6497	
324	CHAN GARY K	321-4466	0
327	PEER GARY H	326-7187	
328	AMBERG A L	325-2235	
331	SHANKS WILLIAM W JR	323-7492	
335	KELLEY DWANE	327-5766	
	KELLEY NOVELLA	327-5766	
336	WAGNER GARY	323-2289	
	WAGNER ROMA	323-2289	
343	PIMENTEL MARY E	325-4898	9
	PRINT WORLD	**321-9982**	0
344	MARSHALL WILLIAM R	323-5025	7
347	VANDENBURGH D PASTR	328-3215	2
348	TURSI ANDE	853-1945	5
351	BOLICH PETER P	323-0932	
352	RUSSELL MARK	322-2824	2
	WIENS KEN	322-2824	9
355	TRAINA SAM J JR	322-5154	
359	IZRAILOV MICHAEL	325-4725	
363	RAMSEY LINDA	326-8989	1
364	KING ROBT W	322-9007	
367	PERSSON E	323-3586	2
368	GRIFFITH TERRY L	321-6273	
371	BARON E M	322-3700	
375	CONWAY J F MRS	325-8254	0
383	BECKERS M E	325-6687	7
391	DELRIO R	325-1201	1
	OSBORNE G	325-1201	1
395	RAPRAEGER ALAN C	324-3219	
	RAPRAEGER JEAN L	324-3219	1
*	3 BUS 101 RES	0 NEW	

Target Street	Cross Street	Source
-	✓	HAINES AND COMPANY

BAY RD 1981

105	GREEN CLINTON	324-2374	2
109	THOMSON M J	328-6958	0
113	WALZ DANL A	322-7431	
117	SCHREINER RICHARD	323-5271	9
121	THURMAN JOSEPH	328-7026	0
125	GILROY M M	322-2260	
129	SWENSON CURTIS E	324-3266	
133	FABLINGER WILLIAM	323-7537	
137	ZINDER PAUL	327-5655	7
141	GOLUBOVICH MILLORAD	325-5304	
145	KIPPING DAVE	326-0554	6
149	KEITH WILLIAM	323-6787	
153	NESBITT H	327-3097	7
215	XXXX	00	
264	MARTIN ALBERTA J	324-2636	
287	MANLEY J M	322-7941	5

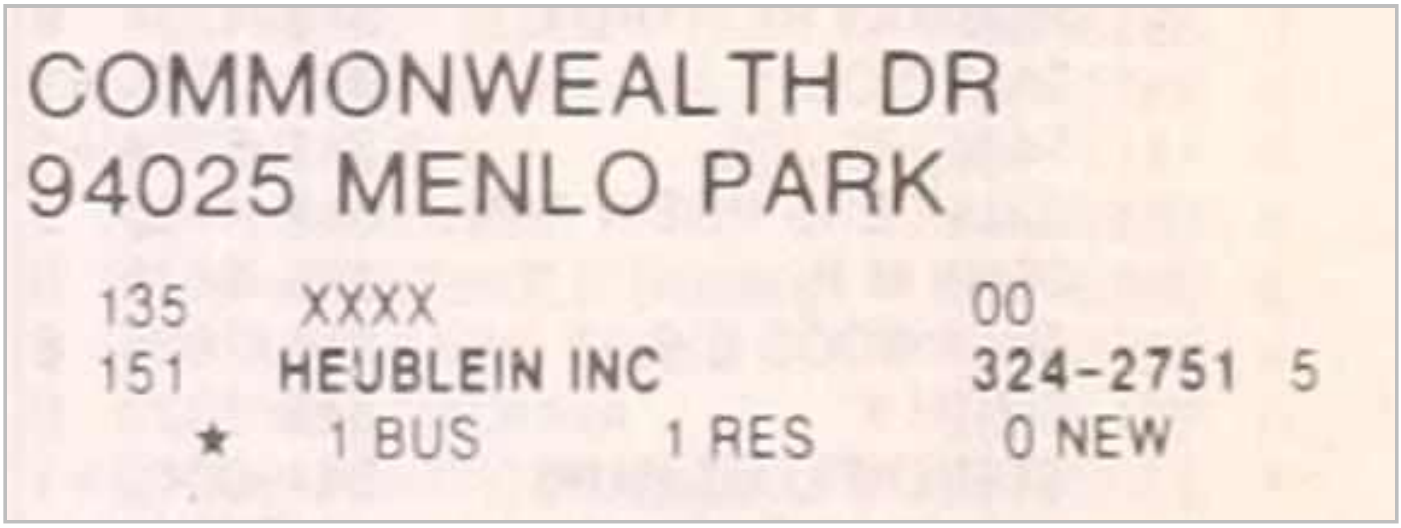
Target Street	Cross Street	Source
-	✓	HAINES AND COMPANY

BAY RD 1981

291	KOMADINA STEVE K	325-1835	
295	SACHT E	322-7023	
296	ODONNELL PHILIP J	325-2774	
313	JORDAN A L	324-2138	0
	MCGHIE DENNIS	324-2138	0
318	DEPRADINES EMY	323-2836	9
	MORSE RICHARD M	323-2836	9
319	GARRATT PAUL	326-1227	0
321	MCKEEHAN DAVID W	326-6856	0
323	DEAN WALLACE LEE	323-4561	
	VIBRATION ISOLATION	**323-4560**	7
327	DOTSENKO PAUL	325-0400	0
333	SCOTT B E	328-5568	6
352	SCHOOLER WM T	325-1352	3

Target Street	Cross Street	Source
-	✓	HAINES AND COMPANY

COMMONWEALTH DR 1981



Target Street	Cross Street	Source
-	✓	HAINES AND COMPANY

DEL NORTE AVE 1981

DEL NORTE AV 94025
MENLO PARK

1020	ROY J A	323-0680	
1023	HEATHMAN MICHAEL	325-0514	9
	IRIGON YOLANDA	325-0514	9
1025	COREY STUART W	325-0475	
1031	FARMER M	325-1620	9
1033	MALLIS ROBERT R	326-7932	8
	ODLIN D A	326-7932	0
1035	HOPKINS MARTHA B	323-7322	+1
1043	BAUM ROBT A	325-0497	
1051	MANASCO MARK C	326-1132	0
1055	COLWELL WILLIAM	325-6514	3
1056	HEGELHEIMER EDGAR	322-0086	+1
1059	BAKKIE ANNE	322-6106	4
1062	SMILEY HAROLD F	323-1421	
1063	CALDWELL MITCHELL	324-1546	8
1068	GARCIA ALFREDO	322-4402	8
1072	MCPHEE BRUCE G	325-0640	7
1073	HILSE FRED C	325-3129	7
1074	BREMOND HARRY B	321-2414	0
1077	LEMOS ARNOLD F	327-1509	8
1101	SIMPSON ALMA L	325-7493	0
C	YOUNG L M	322-2813	0
1103	NEVILLE ROY	325-9515	
1104	MALDONADO A	324-8242	0
1106	MUNGUIA SAMUEL	324-2457	0
1111	RICHMAN KEENAN	323-3203	9
1116	SEYMOUR ANDREA	326-1810	0
1119	FEDERICO SILVIA	322-1417	9
1120	VASQUEZ LUIS	325-4365	0
1123	CEJA AGUSTIN A	325-3828	0
1135	WALLS MARTHA	323-4755	0
★	0 BUS 31 RES	2 NEW	

Target Street	Cross Street	Source
-	✓	HAINES AND COMPANY

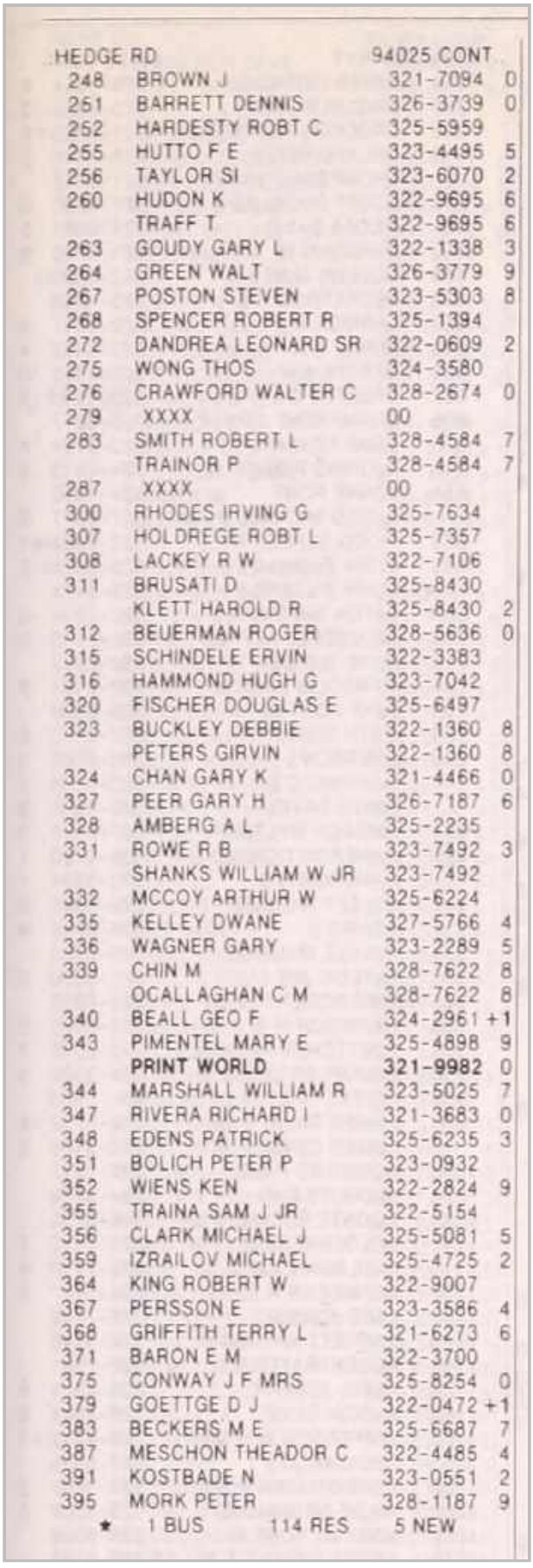
HEDGE RD 1981

HEDGE RD 94025
MENLO PARK

107	MARRS H M	325-0344	7
108	WARDROP RONALD S	323-5730	3
111	LAURENCE LEROY	325-1325	
115	RYDER WAYNE C	324-0377	
116	FARNHAM D W	323-0495	3
117	EDMINSTER D J	324-2611	0
119	MEERSCHEIDT HENRY S	324-0475	
123	EVANS A G	325-6390	2
	LAING J C	325-6390	
124	MARSH JERRY	323-4269	
127	BROWN JERRY	322-5607	4
128	EDDS RAYMOND	325-1247	+1
131	BARTH L	327-5869	8
	WATERS M	327-5869	8
132	PATRONIK JOSEPH	326-2440	0
135	MATTI JONATHAN C	321-4013	0
136	LYNCH EDW JOS	323-1665	
139	SKIDANENKO T	326-3705	9
140	ANSELMI D	321-1471	9
144	SARAFIAN MICHAEL	323-4482	9
147	MEHTA JAMES M	322-0469	3
151	LOCKWOOD WILLIAM L	323-1785	
152	MCSHANE D J MD	327-6642	9
156	COGSWELL KIPLING L	325-3031	9
	MAHONEY TISH	325-3031	9
	MOYLE JOHN	325-3031	9
159	XXXX	00	
160	NOLT JIM H	321-2781	0
163	GALLO IVAN	324-1193	6
164	MATTISON D	326-2918	9
167	CASSIDY M	329-0937	0
176	VLAMING FRANK	323-0969	
179	FREEMAN M	322-9227	7
180	SOLBECK RICHARD	323-4897	
183	KURAITIS GEORGE M	325-1185	4
187	HARRISON THOMAS R	322-3668	5
191	ZABALA SALAVADOR	324-2909	
195	NAEGELI ANDY	327-3313	8
201	WALKER LOUIS R	323-9525	+1
207	LANGE TED E	325-3643	
212	BAKA DAVID W	325-2223	7
216	AIKENS MARK	323-3359	0
219	PURCELL CARL	325-1419	0
220	JONSTON DONALD	328-1124	0
	SPECK CARL	328-1124	0
	SULLIVAN JOHN	328-1124	0
227	SMITH P H REV	324-3785	
228	VILEZ G E	322-3959	5
232	HUGHES GRAY W	325-7770	
235	KENSIL ROGER F	322-7139	4
236	COBB KEN	323-5221	
239	SENN RICHARD T	322-9085	+1
240	BICKLER HAROLD	322-6120	
244	RAVIZZA GEO	322-1938	
247	HAFKENSCHEID JULIUS	325-5303	

Target Street	Cross Street	Source
-	✓	HAINES AND COMPANY

HEDGE RD 1981



HEDGE RD		94025 CONT	
248	BROWN J	321-7094	0
251	BARRETT DENNIS	326-3739	0
252	HARDESTY ROBT C	325-5959	
255	HUTTO F E	323-4495	5
256	TAYLOR SI	323-6070	2
260	HUDON K	322-9695	6
	TRAFF T	322-9695	6
263	GOUDY GARY L	322-1338	3
264	GREEN WALT	326-3779	9
267	POSTON STEVEN	323-5303	8
268	SPENCER ROBERT R	325-1394	
272	DANDREA LEONARD SR	322-0609	2
275	WONG THOS	324-3580	
276	CRAWFORD WALTER C	328-2674	0
279	XXXX	00	
283	SMITH ROBERT L	328-4584	7
	TRAINOR P	328-4584	7
287	XXXX	00	
300	RHODES IRVING G	325-7634	
307	HOLDREGE ROBT L	325-7357	
308	LACKEY R W	322-7106	
311	BRUSATI D	325-8430	
	KLETT HAROLD R	325-8430	2
312	BEUERMAN ROGER	328-5636	0
315	SCHINDELE ERVIN	322-3383	
316	HAMMOND HUGH G	323-7042	
320	FISCHER DOUGLAS E	325-6497	
323	BUCKLEY DEBBIE	322-1360	8
	PETERS GIRVIN	322-1360	8
324	CHAN GARY K	321-4466	0
327	PEER GARY H	326-7187	6
328	AMBERG A L	325-2235	
331	ROWE R B	323-7492	3
	SHANKS WILLIAM W JR	323-7492	
332	MCCOY ARTHUR W	325-6224	
335	KELLEY DWANE	327-5766	4
336	WAGNER GARY	323-2289	5
339	CHIN M	328-7622	8
	OCALLAGHAN C M	328-7622	8
340	BEALL GEO F	324-2961	+1
343	PIMENTEL MARY E	325-4898	9
	PRINT WORLD	**321-9982**	0
344	MARSHALL WILLIAM R	323-5025	7
347	RIVERA RICHARD I	321-3683	0
348	EDENS PATRICK	325-6235	3
351	BOLICH PETER P	323-0932	
352	WIENS KEN	322-2824	9
355	TRAINA SAM J JR	322-5154	
356	CLARK MICHAEL J	325-5081	5
359	IZRAILOV MICHAEL	325-4725	2
364	KING ROBERT W	322-9007	
367	PERSSON E	323-3586	4
368	GRIFFITH TERRY L	321-6273	6
371	BARON E M	322-3700	
375	CONWAY J F MRS	325-8254	0
379	GOETTGE D J	322-0472	+1
383	BECKERS M E	325-6687	7
387	MESCHON THEADOR C	322-4485	4
391	KOSTBADE N	323-0551	2
395	MORK PETER	328-1187	9
★	1 BUS 114 RES	5 NEW	

Target Street	Cross Street	Source
-	✓	POLK DIRECTORY CO

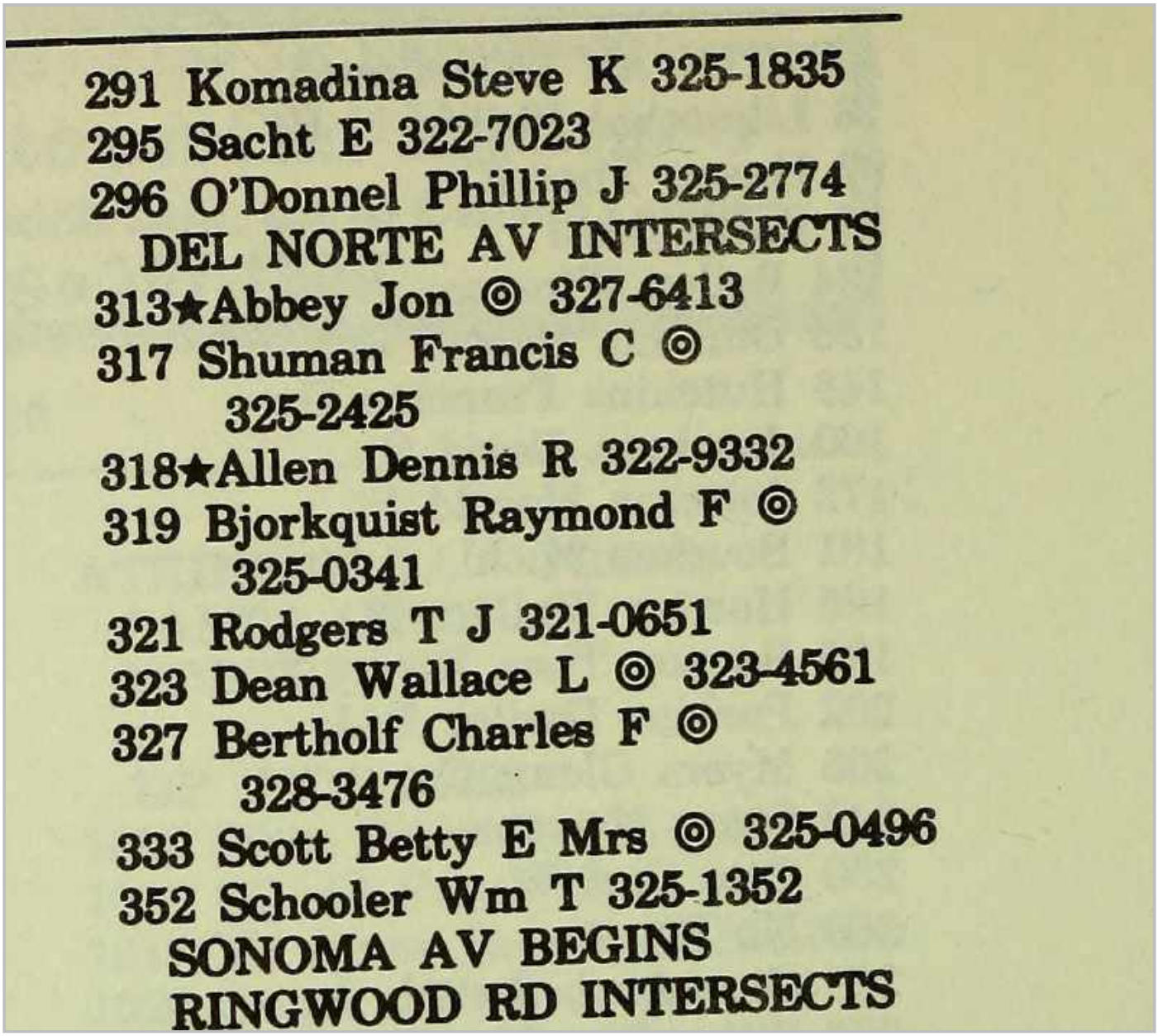
BAY RD 1978

**BAY RD —FROM
NORTHWEST CITY LIMITS
EAST 1 SOUTH OF
BAYSHORE HWY**

ZIP CODE 94025
HEDGE RD BEGINS
105 Green G Clinton ◎ 324-2374
109 Jaye Walter E ◎ 322-0148
113 Walz Danl A ◎ 322-7431
117★Schreiner Richd A ◎
323-5271
121 Dyes Diana Mrs ◎ 325-6620
125 Gilroy Margt M Mrs ◎
322-2260
129 Swenson Curtis E ◎ 324-3266
133 Fablinger Wm D ◎ 323-7537
137 Zinder Paul P Jr ◎ 327-5655
141 Golubovich Millorad V ◎
325-5304
145 Mazze Rosalind 326-0554
149 Keith Wm J ◎ 323-6787
153 Nesbitt H 327-3097
GREENWOOD DR BEGINS
215 Flood Park 364-5600
Kuhn Jack
264 Martin Aberta J Mrs
324-2636
287 Manley Johanna S Mrs ◎
322-7941

Target Street	Cross Street	Source
-	✓	POLK DIRECTORY CO

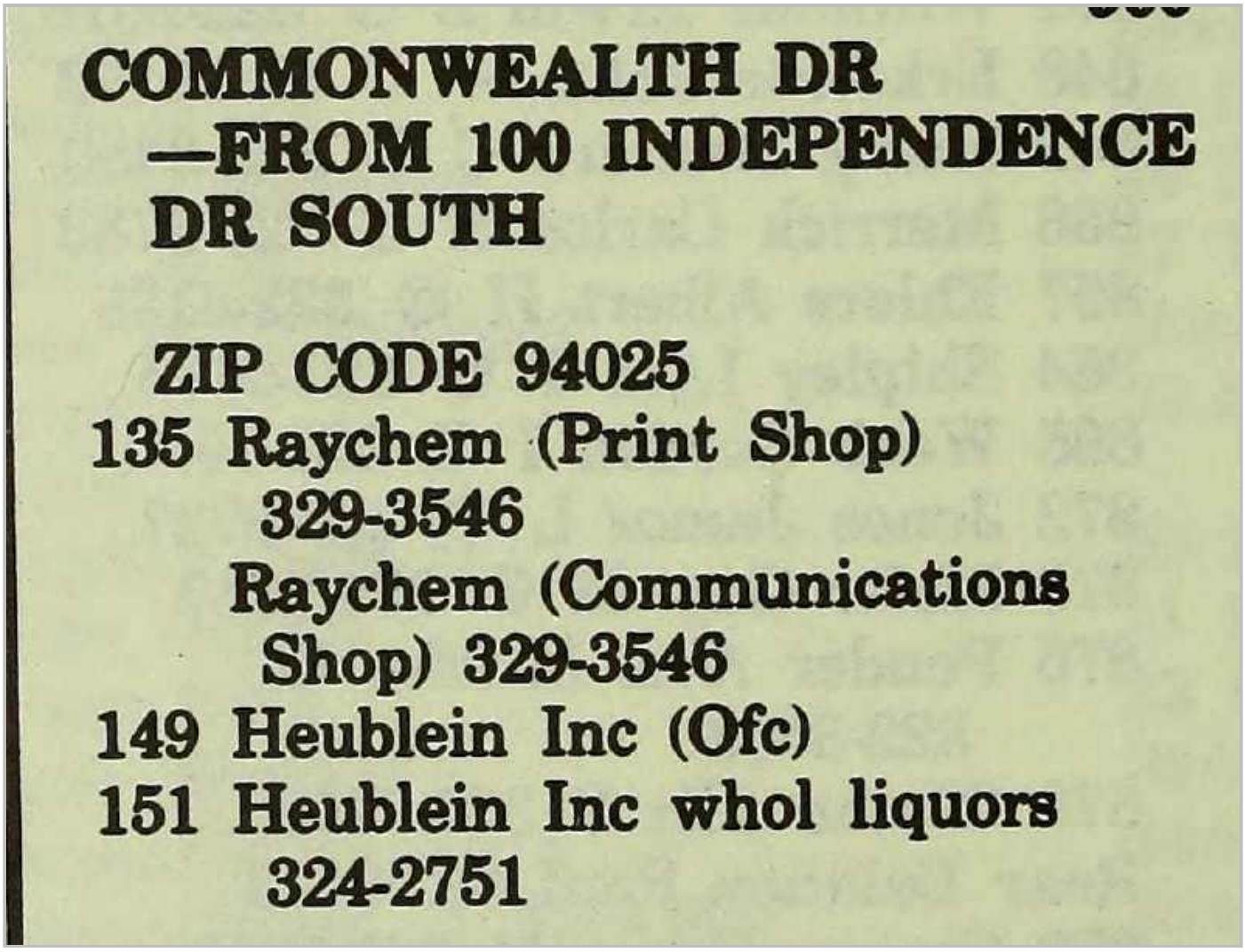
BAY RD 1978



291 Komadina Steve K 325-1835
295 Sacht E 322-7023
296 O'Donnel Phillip J 325-2774
DEL NORTE AV INTERSECTS
313★Abbey Jon ◎ 327-6413
317 Shuman Francis C ◎
325-2425
318★Allen Dennis R 322-9332
319 Bjorkquist Raymond F ◎
325-0341
321 Rodgers T J 321-0651
323 Dean Wallace L ◎ 323-4561
327 Bertholf Charles F ◎
328-3476
333 Scott Betty E Mrs ◎ 325-0496
352 Schooler Wm T 325-1352
SONOMA AV BEGINS
RINGWOOD RD INTERSECTS

Target Street	Cross Street	Source
-	✓	POLK DIRECTORY CO

COMMONWEALTH DR 1978

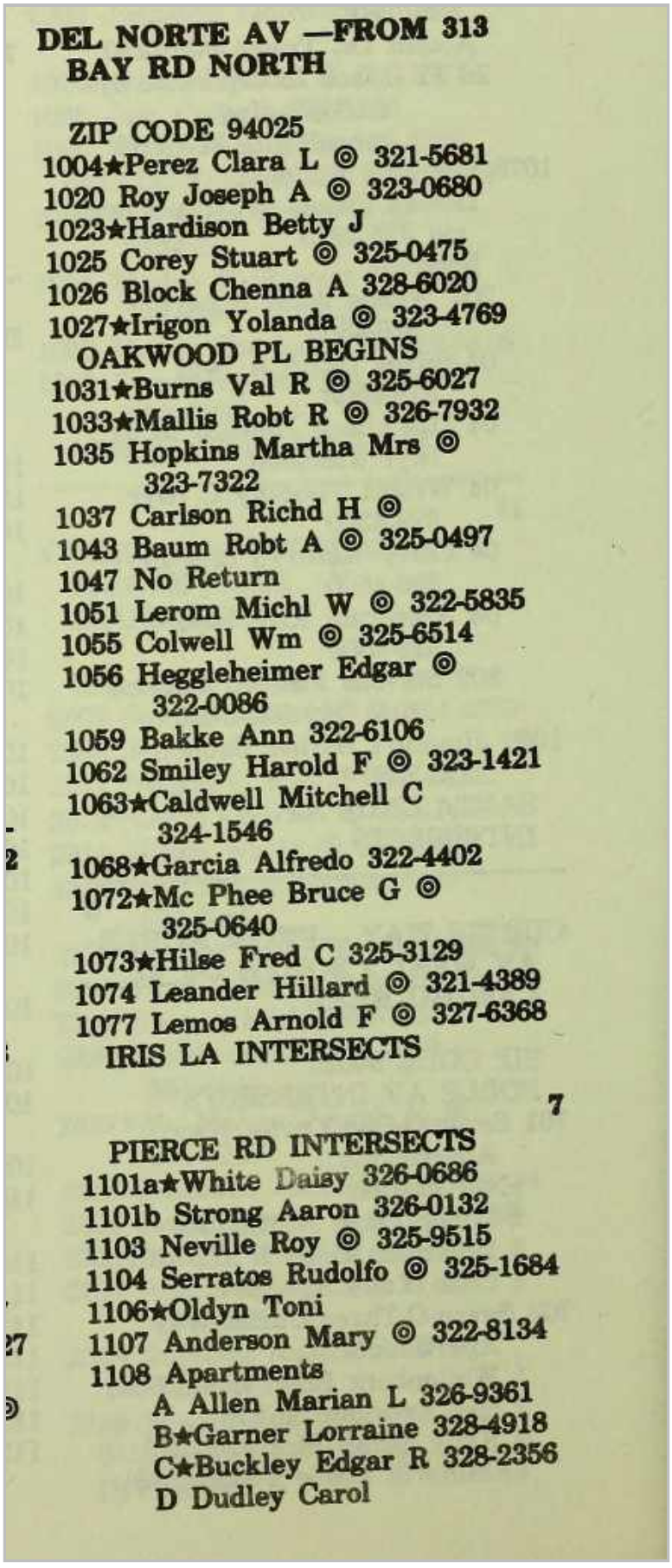


COMMONWEALTH DR
—FROM 100 INDEPENDENCE DR SOUTH

ZIP CODE 94025
135 Raychem (Print Shop)
329-3546
Raychem (Communications Shop) 329-3546
149 Heublein Inc (Ofc)
151 Heublein Inc whol liquors
324-2751

Target Street	Cross Street	Source
-	✓	POLK DIRECTORY CO

DEL NORTE AVE 1978



DEL NORTE AV —FROM 313 BAY RD NORTH

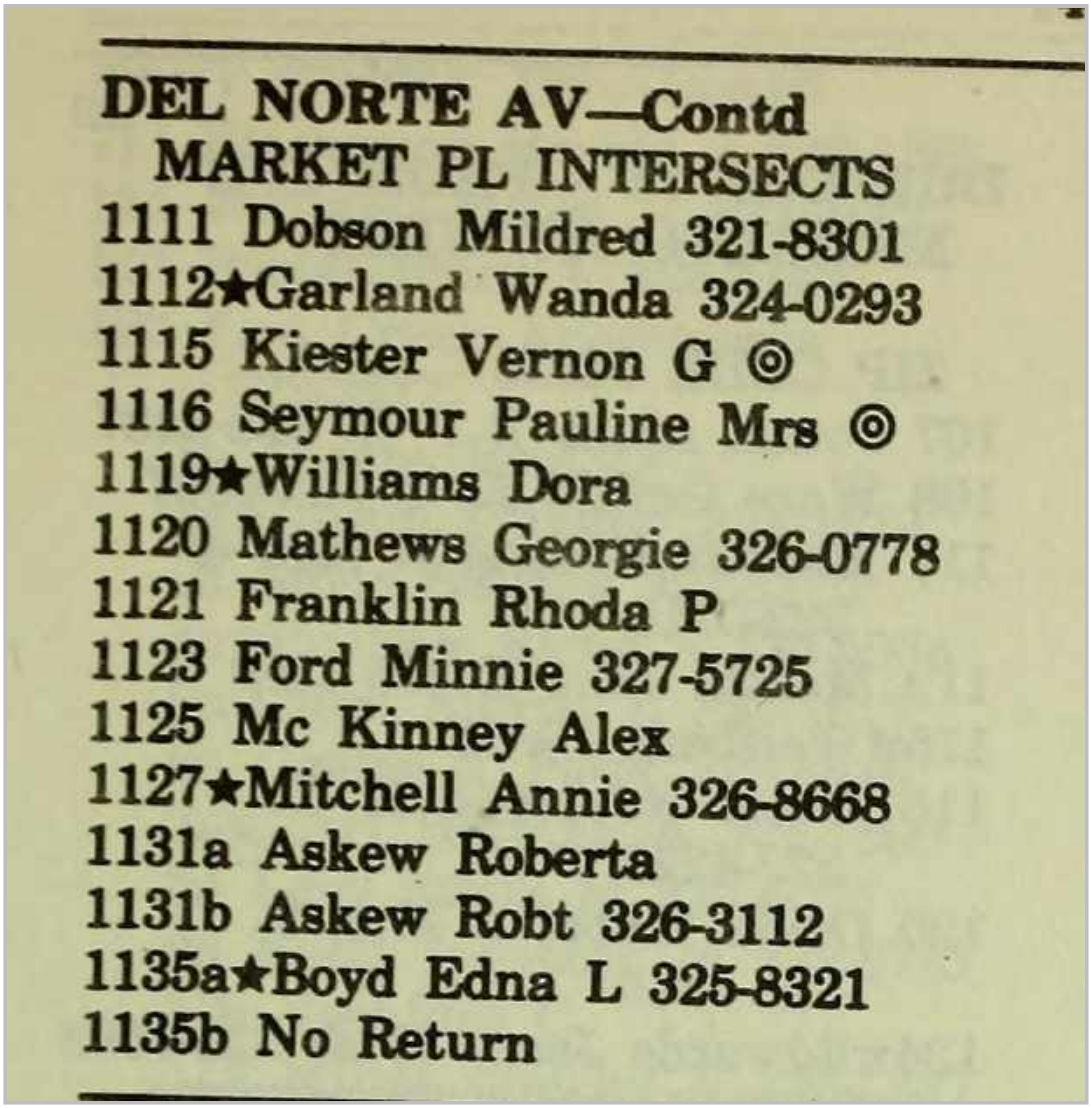
ZIP CODE 94025
1004★Perez Clara L ◎ 321-5681
1020 Roy Joseph A ◎ 323-0680
1023★Hardison Betty J
1025 Corey Stuart ◎ 325-0475
1026 Block Chenna A 328-6020
1027★Irigon Yolanda ◎ 323-4769
OAKWOOD PL BEGINS
1031★Burns Val R ◎ 325-6027
1033★Mallis Robt R ◎ 326-7932
1035 Hopkins Martha Mrs ◎ 323-7322
1037 Carlson Richd H ◎
1043 Baum Robt A ◎ 325-0497
1047 No Return
1051 Lerom Michl W ◎ 322-5835
1055 Colwell Wm ◎ 325-6514
1056 Heggleheimer Edgar ◎ 322-0086
1059 Bakke Ann 322-6106
1062 Smiley Harold F ◎ 323-1421
1063★Caldwell Mitchell C 324-1546
1068★Garcia Alfredo 322-4402
1072★Mc Phee Bruce G ◎ 325-0640
1073★Hilse Fred C 325-3129
1074 Leander Hillard ◎ 321-4389
1077 Lemos Arnold F ◎ 327-6368
IRIS LA INTERSECTS

7

PIERCE RD INTERSECTS
1101a★White Daisy 326-0686
1101b Strong Aaron 326-0132
1103 Neville Roy ◎ 325-9515
1104 Serratos Rudolfo ◎ 325-1684
1106★Oldyn Toni
1107 Anderson Mary ◎ 322-8134
1108 Apartments
A Allen Marian L 326-9361
B★Garner Lorraine 328-4918
C★Buckley Edgar R 328-2356
D Dudley Carol

Target Street	Cross Street	Source
-	✓	POLK DIRECTORY CO

DEL NORTE AVE 1978



DEL NORTE AV—Contd
MARKET PL INTERSECTS
1111 Dobson Mildred 321-8301
1112★Garland Wanda 324-0293
1115 Kiester Vernon G ◎
1116 Seymour Pauline Mrs ◎
1119★Williams Dora
1120 Mathews Georgie 326-0778
1121 Franklin Rhoda P
1123 Ford Minnie 327-5725
1125 Mc Kinney Alex
1127★Mitchell Annie 326-8668
1131a Askew Roberta
1131b Askew Robt 326-3112
1135a★Boyd Edna L 325-8321
1135b No Return

Target Street	Cross Street	Source
-	✓	POLK DIRECTORY CO

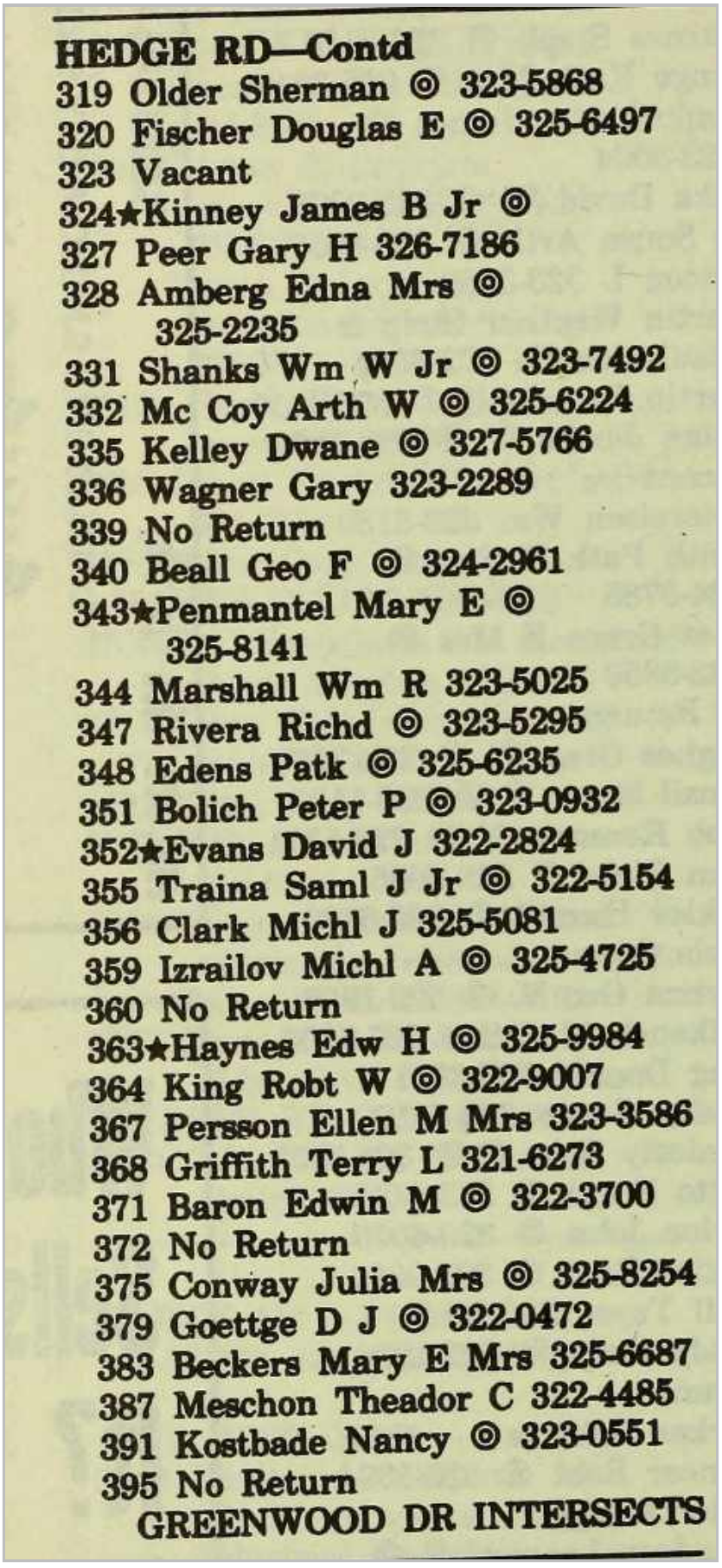
HEDGE RD 1978

HEDGE RD —FROM 105 BAY RD NORTHEAST

ZIP CODE 94025
105 No Return
107 Marrs Herbert M ◎ 325-0344
108 Wardrop Ronald 323-5730
109★Herrera Juan
111 Laurence Le Roy ◎ 325-1325
115 Ryder Wayne C ◎ 324-0377
116 Farnham Dan W ◎ 323-0495
117 Ellison Dorothy Mrs ◎ 324-2611
DUNSMUIR AV INTERSECTS
119 Meerscheidt Henry S ◎ 324-0475
123 Evans Sarah S Mrs ◎ 325-6390
124 Marsh Jerry ◎ 323-4269
127 Brown Jerry A 322-5607
128 Edds Raymond P ◎ 325-1247
131★Waters M 327-5869
132★Gibbs Steven 325-0252
135★Conforti Tom
136 Lynch Edw J 323-1665
139 No Return
140 Anselmi Raymond 321-1471
143 Wong Roger ◎ 325-8415
144★Efron Boris
147 Mehta James ◎ 322-0469
148 Parish Van 325-7275
151 Lockwood Wm L ◎ 323-1785
152 Vacant
155 Vacant
156 Werner Wm H 326-9704
159 No Return
160 Scott Charles W ◎ 324-2245
163 Gallo Ivan 324-1193
164★Granville Cath
167 Scott Ken
168 Noble Dan & Sons Building Maintenance 323-6475
Noble Danl ◎ 323-6475
171 Fry Donald 322-2572
172★Shipley Carol
175★Moore Roger H 321-2221
176 Vlaming Frank ◎ 323-0969
179★Green Richd ◎
180 Solbeck Richd ◎ 323-4897
183 Kuraitis Geo 325-1185
187 Harrison Thos R ◎ 322-3668
191 Zabala Salvador ◎ 324-2909
195★Naegeli Andy 327-3313
201 Walker Louis R ◎ 323-9525
GREENWOOD DR INTERSECTS
205★Barnes Steph ◎ 327-5118
207 Lange Kath Mrs ◎ 325-3643
211 Crapuchettes James ◎ 323-3004
212 Baka David W ◎ 325-2223
215 De Souza Arth ◎ 323-6957
216 Rincon L 323-3359
219 Martin Weather Strip & Insulation Co 322-6534
Martin Dorwin E ◎ 325-1419
220 Nolan James W ◎ 328-3006
223 Vacant
224★Feiereisen Wm 329-8139
227 Smith Patk H Rev ◎ 324-3785
228 Vilez Grace E Mrs ◎ 322-3959
231 No Return
232 Hughes Gray W ◎ 325-7770
235 Kensil Roger F ◎ 322-7139
236 Cobb Kenneth V ◎ 323-5221
239 Senn Richd T 322-9085
240 Bickler Harold ◎ 322-6120
243 Davis Gary
244 Ravizza Geo V ◎ 322-1938
247 Hafkencheid Julius 325-5303
248 Tong Donald 325-3871
251 Wasley Susan 323-5410
252 Hardesty Robt C ◎ 325-5959
255 Hutto Frank E 323-4495
256 Taylor John ◎ 323-6070
259 Justice Paul ◎ 323-9330
260 Traff Taysa 322-9695
263 Goudy Gary ◎ 322-1338
264 Vacant
267★Parker Roberta
268 Spencer Robt ◎ 325-1394
271 Miller Margt
272 D'Andrea Leonard F ◎ 322-0609
275 Wong Thos ◎ 324-3580
276 Mestre Carol A 326-3340
279 No Return
283 Trainor P 328-4584
287 Duncan Alf ◎
300 Rhodes Irving G ◎ 325-7634
304 Miller Marda M ◎ 325-5514
SHERIDAN DR BEGINS
307 Holdredge Robt L ◎ 325-7357
308 Lackey Robt W ◎ 322-7106
311 Klett Harold R ◎ 325-8430
312★Cengel David 325-7508
315 Schindele Ervin W ◎ 322-3383
316 Hammond Hugh G ◎ 323-7042

Target Street	Cross Street	Source
-	✓	POLK DIRECTORY CO

HEDGE RD 1978



HEDGE RD—Contd
319 Older Sherman ◎ 323-5868
320 Fischer Douglas E ◎ 325-6497
323 Vacant
324★Kinney James B Jr ◎
327 Peer Gary H 326-7186
328 Amberg Edna Mrs ◎
325-2235
331 Shanks Wm W Jr ◎ 323-7492
332 Mc Coy Arth W ◎ 325-6224
335 Kelley Dwane ◎ 327-5766
336 Wagner Gary 323-2289
339 No Return
340 Beall Geo F ◎ 324-2961
343★Penmantel Mary E ◎
325-8141
344 Marshall Wm R 323-5025
347 Rivera Richd ◎ 323-5295
348 Edens Patk ◎ 325-6235
351 Bolich Peter P ◎ 323-0932
352★Evans David J 322-2824
355 Traina Saml J Jr ◎ 322-5154
356 Clark Michl J 325-5081
359 Izrailov Michl A ◎ 325-4725
360 No Return
363★Haynes Edw H ◎ 325-9984
364 King Robt W ◎ 322-9007
367 Persson Ellen M Mrs 323-3586
368 Griffith Terry L 321-6273
371 Baron Edwin M ◎ 322-3700
372 No Return
375 Conway Julia Mrs ◎ 325-8254
379 Goettge D J ◎ 322-0472
383 Beckers Mary E Mrs 325-6687
387 Meschon Theador C 322-4485
391 Kostbade Nancy ◎ 323-0551
395 No Return
GREENWOOD DR INTERSECTS

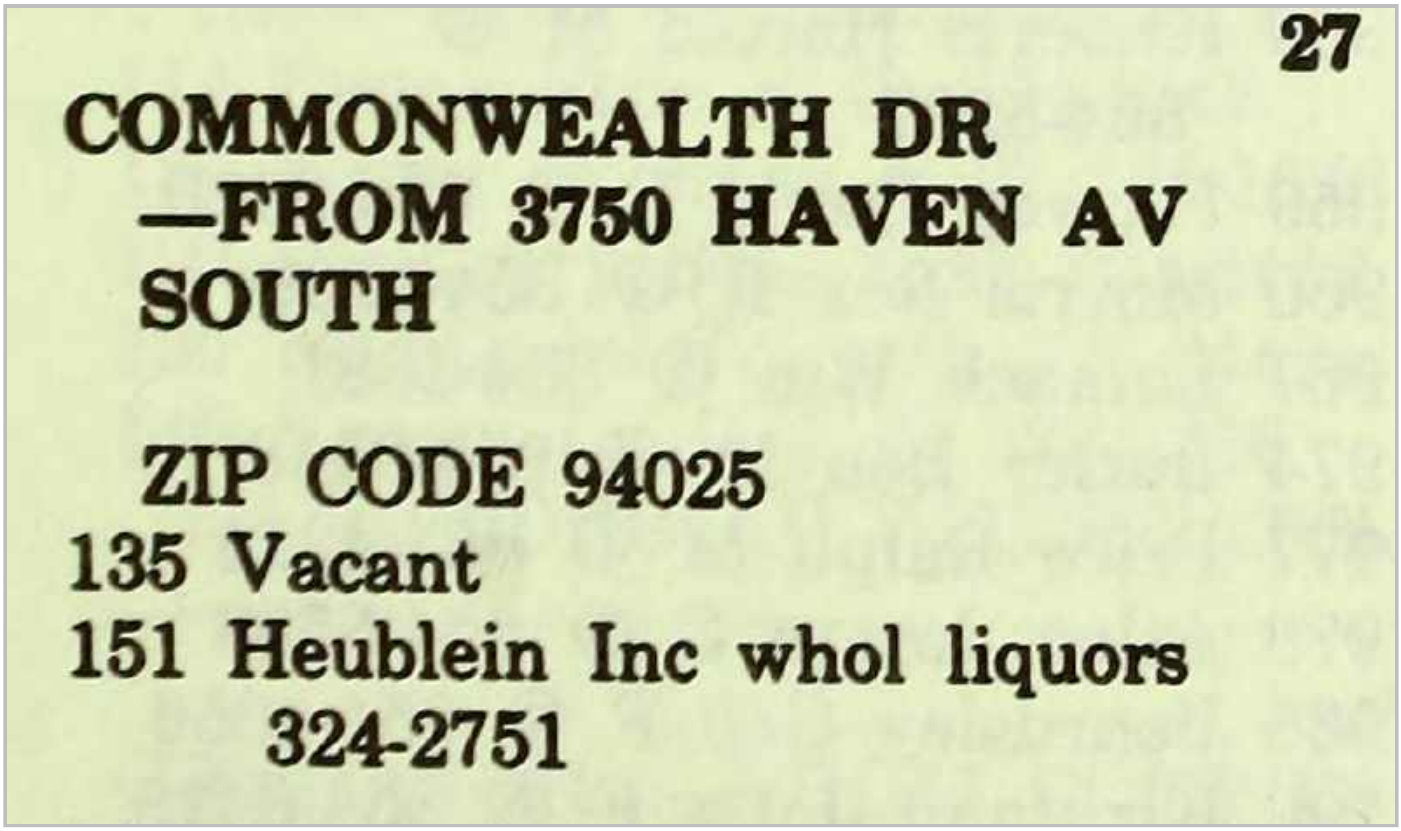
Target Street	Cross Street	Source
-	✓	POLK DIRECTORY CO

BAY RD 1973

105 Green G Clinton ◎ 324-2374
109 Jaye Walter E ◎ 322-0148
113 Walz Danl A ◎ 322-7431
117 Connell Thos A ◎ 325-0881
121 ★ Dyes Wayne ◎ 325-6620
125 Gilroy Henry A ◎ 322-2260
129 Swenson Curtis E ◎ 324-3266
133 Fablinger Wm D ◎ 323-7537
137 Zinder Paul P Jr ◎ 325-3936
141 Golubovich Millorad V ◎
325-5304
145 ★ Chaffee Roger ◎ 323-2842
149 Keith Wm J ◎ 323-6787
153 Cordrey Ray E ◎ 324-0166
GREENWOOD DR INTERSECTS
215 Flood Park 369-1441
★ Fritz Michl
264 No Return
287 Manley James R ◎ 322-7941
291 Komadina Steve K 325-1835
295 No Return
296 ★ O'Donnel P J
DEL NORTE AV INTERSECTS
313 ★ Dorian James ◎
317 Shuman Francis C ◎
325-2425
318 ★ Mc Carthy Patk
319 Bjorkquist Raymond F ◎
325-0341
321 ★ Stuhlmuller Roger 322-4269
323 Dean Wallace L ◎ 323-4561
327 ★ Kent Wm 322-4151
333 Scott Betty E Mrs ◎ 325-0496
352 ★ Schooler Wm
SONOMA PL INTERSECTS
RINGWOOD RD INTERSECTS

Target Street	Cross Street	Source
-	✓	POLK DIRECTORY CO

COMMONWEALTH DR 1973



27

COMMONWEALTH DR
—FROM 3750 HAVEN AV
SOUTH

ZIP CODE 94025
135 Vacant
151 Heublein Inc whol liquors
324-2751

Target Street	Cross Street	Source
-	✓	POLK DIRECTORY CO

DEL NORTE AVE 1973

DEL NORTE AV —FROM BAY RD NORTH RUNS PARALLEL TO FLOOD PARK

ZIP CODE 94025

1004 ★ Silvestri Frank J ◎ 323-7667
1020 Roy Joseph A ◎ 323-0680
1023 No Return
1025 Corey Stuart ◎ 325-0475
1026 Moore Leroy N ◎ 324-4118
1027 Clagett Thos J ◎ 324-4103

OAKWOOD PL INTERSECTS

1031 Melcher Jack ◎
1033 Leuthauser Dean ◎
1035 Hopkins David M ◎ 323-7322
1037 ★ Ward Willie
1043 Baum Robt A ◎ 325-0497
1047 No Return
1051 Lerom Michl W ◎ 322-5835
1055 ★ Colwell Wm ◎ 325-6514
1056 ★ Heggleheimer Edgar ◎
1059 ★ Bakkie Michl J 322-6106
1062 Smiley Harold F ◎ 323-1421
1063 ★ Bugham Carlson L
1068 Dodson Clayton B ◎ 325-2027
1072 ★ Albrecht Robt ◎
1073 ★ Jefferson Ronald L 327-5699
1074 ★ Leunder Hillard 323-9116
1077 Lemos Arnold F ◎ 333-5534

Target Street	Cross Street	Source
-	✓	POLK DIRECTORY CO

DEL NORTE AVE 1973

PIERCE RD INTERSECTS
1101 ★ Crummer Michl
1103 Neville Roy ◎ 325-9515
1104 Serratos Rudolfo ◎ 325-1684
1106 ★ Anecito Ted
1107 Anderson Mary ◎ 322-8134
MARKET PL INTERSECTS
1108 Apartments
A Dunn Edw
B ★ Outlaw Flora 322-0351
D ★ Davis Joanne
MARKET PL INTERSECTS
1111 ★ Saunders Joan ◎
1112 ★ Smith M 323-7842
1115 Kiester Vernon G ◎
1116 Seymour Pauline Mrs ◎
1119 Dixon Dexter
1120 Vacant
1121 No Return
1123 Vacant
1125 Vacant
1127 Vacant
1129 No Return
1131a Vacant
1131b Vacant
1135a ★ Domano Herman 323-7181
1135b Vacant

Target Street	Cross Street	Source
-	✓	POLK DIRECTORY CO

HEDGE RD 1973

HEDGE RD —FROM GREENWOOD DR EAST AND NORTH IN A SEMI-CIRCLE 1 NORTH OF BAY RD

ZIP CODE 94025

105 No Return
107 Marrs Herbert M ◎ 325-0344
108 ★ Wardrop Ronald 323-5730
109 Link James W ◎ 323-1704
111 Laurence Le Roy ◎ 325-1325
115 Ryder Wayne C 324-0377
116 ★ Farnham Dan ◎
117 Ellison Dorothy Mrs ◎ 324-2611

DUNSMUIR AV INTERSECTS

119 Meerscheidt Henry S ◎ 324-0475
121 No Return
123 Evans Sarah S Mrs 322-0034
124 Marsh Jerry ◎ 323-4269
127 No Return
128 Edds Raymond P ◎ 325-1247
131 ★ Nelson Alyse E 325-1486
132 Lee Ella Mrs ◎ 322-6012
135 Byrne Bernard J 323-9355
136 Lynch Edw J 323-9355
139 Skidanenko Victor ◎ 325-6050
140 ★ Rehm Jordon 323-0356
143 ★ Wongs Roger 325-8415
144 ★ Noll Wm D 323-7560
147 ★ Mehta James ◎
148 Parish Van 325-7275
151 Lockwood Wm L ◎ 323-1785
152 Coutts Irving ◎ 322-3804
155 Fleming Joseph E ◎
156 ★ Perez C ◎ 323-2792
159 ★ Purdy Donald 322-1167
160 Scott Charles W 324-2245
163 ★ Almedia Geo B ◎ 323-7091
164 Davis Priscilla Mrs 323-1086
167 No Return

Target Street	Cross Street	Source
-	✓	POLK DIRECTORY CO

HEDGE RD 1973

HEDGE RD—Contd
168 Noble Dan & Sons Building Maintenance jan serv 323-6475
Noble Danl ◎ 323-6475
171 Fry Donald 322-2572
172 No Return
175 Paye John P 322-3988
176 Vlaming Frank ◎ 323-0969
179 Swoyer Wayne ◎ 323-6594
180 Solbeck Richd ◎ 323-4897
183 Vacant
187 Steinmetz Nannette Mrs ◎ 322-2066
191 Zabala Salvador ◎ 324-2909
195 Vacant
GREENWOOD DR INTERSECTS
201 Walker Louis R ◎ 323-9525
205 Mac Donald Frank B ◎ 324-3797
207 Lange Theo E ◎ 325-3643
211 ★ Fails Leroy
212 Gibbons Felix ◎ 323-6609
215 ★ De Souse Hart
216 ★ Aguire Martha
219 Martin Weather Strip L Insulation Co 322-6534
Martin Dorwin E ◎ 325-1419
220 Riley David J 325-5221
223 Lealao Gata ◎ 323-0464
224 Long James ◎ 323-3064
227 Smith Patk H Rev ◎ 324-3785
228 Vilez John ◎ 325-9161
231 No Return
232 Hughes Gray W ◎ 325-7770
235 Chavez Wm J ◎ 324-4529
236 Cobb Kenneth V ◎ 323-5221
239 Senn Richd T 322-9085
240 Bickler Harold ◎ 322-6120
243 Randolph Wm W ◎ 322-1028
244 Ravizza Geo V ◎ 322-1938
247 Hafkencheid Julius 325-5303
248 ★ Tong Donald 325-3871
251 ★ Wasley Susan 323-5410
252 Hardesty Robt C ◎ 325-5959
255 Hutto Frank 323-9330
256 ★ Taylor John ◎ 323-6070
259 Justice Paul ◎ 323-9330
260 Mc Gavin Allan ◎ 325-8196
263 ★ Goudey Gary ◎ 322-1338
264 Pearce Darlene W Mrs ◎ 323-5734
267 ★ Pellouso Joseph ◎ 322-7174
268 Spencer Robt ◎ 325-1394
271 ★ Delaune Robt ◎ 325-1449
272 D'Andrea Leonard F ◎ 322-0609
275 Wong Thos ◎ 324-3580
SHERIDON DR INTERSECTS
276 Fears Donald 323-0417
279 Hawkins Everett H ◎ 322-2038
283 Furey Geo E ◎ 322-0211
287 ★ Duncan Alf ◎
300 Rhodes Irving G ◎ 325-7634
304 Miller Marda M ◎ 325-5514
307 Holdredge Robt L ◎
308 Lackey Robt W ◎ 322-7106
311 Klett Harold R ◎ 325-8430
312 Creasey Vesta R Mrs ◎ 325-3854
315 Schindele Ervin W ◎ 322-3383
316 Hammond Hugh G ◎ 323-7042
319 Older Sherman ◎ 323-5868
320 Fischer Douglas E ◎ 325-6497
323 ★ Mc Daniel Jeffery 327-3399
324 Creasey Collins R ◎ 322-0843
327 Vacant
328 Amber Edna Mrs ◎ 325-2235
331 Shanks Wm W Jr ◎ 323-7492
332 Mc Coy Arth W ◎ 325-6224
335 Kelley Dwane ◎ 325-5787
336 Satterlee Donald W ◎ 322-8178
339 Lindquist Nathan H ◎ 325-7709
340 Beall Geo F ◎ 324-2961
343 Parish Mark ◎ 322-9592
344 ★ Pavlic J Wayne 325-2453
347 Rivera Richd ◎ 323-5295
348 ★ Edens Patk ◎ 325-6235
351 Bolich Peter P ◎ 323-0932
352 ★ Glassey Ronald 323-9828
355 Traina Saml J Jr ◎ 322-5154
356 ★ Worldie Lourdes
359 Izrailov Michl A ◎ 325-2929
360 Carter Gary D ◎ 325-1422
363 ★ Ramsey Douglas ◎ 323-6096
364 King Robt W ◎ 322-9007
367 Persson Ellen M Mrs 323-3586
368 No Return
371 Baron Edwin M ◎ 322-3700
372 ★ Williams John S ◎ 322-6101
375 Conway Julia Mrs ◎ 325-8254
379 Goettge Jean ◎ 322-0472
383 ★ Mesa Fernando Jr 322-8034
387 Smith Thos M ◎ 322-1154
391 Kostbade Nancy ◎ 323-0551
395 ★ Villard Thos

1

HELEN PL —FROM SAN MATEO DR SOUTH 2 WEST OF MIDDLE AV

ZIP CODE 94025
3 Hickingbotham Joseph C III ◎ 322-5670
5 Wagner Robt L ◎ 322-0157

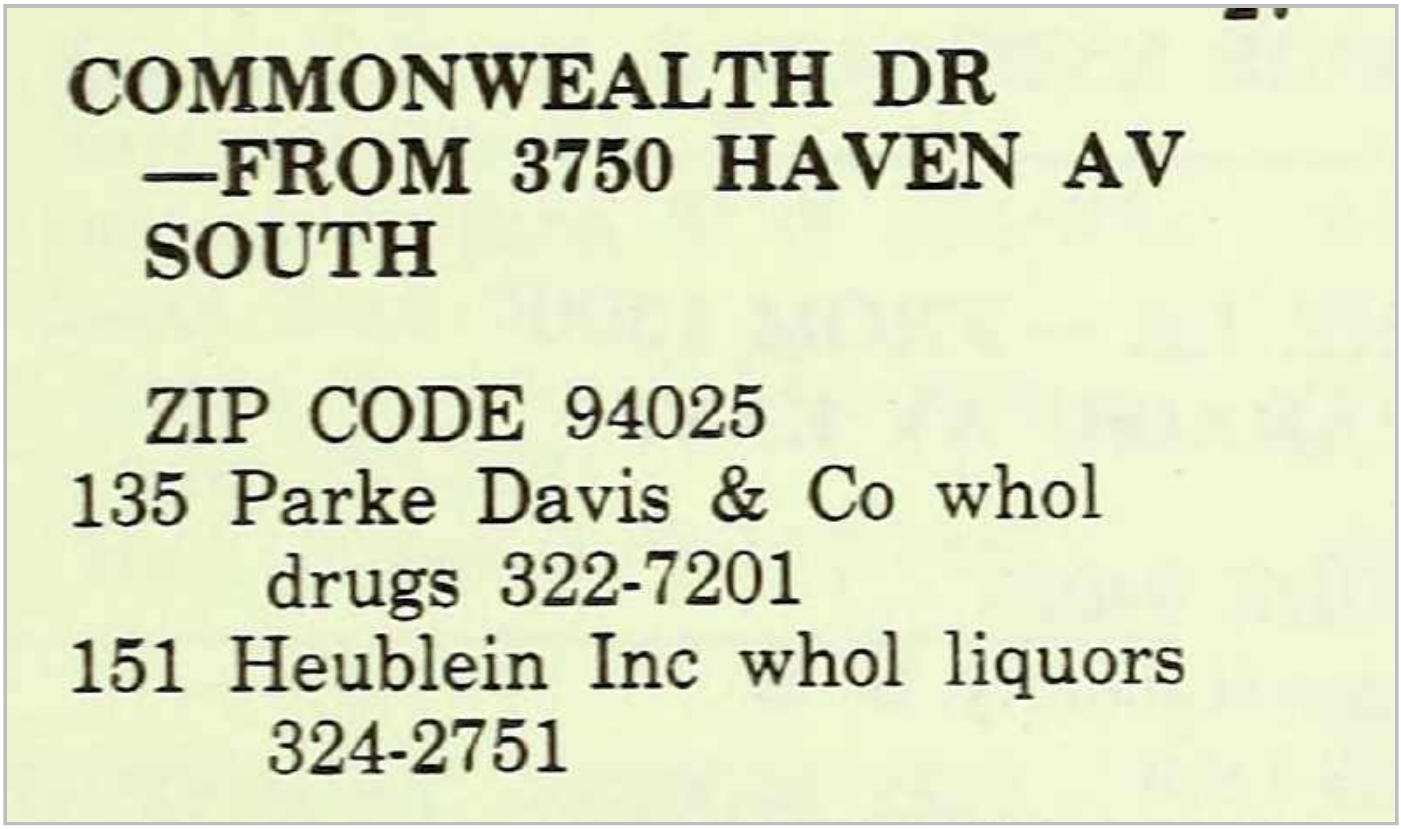
Target Street	Cross Street	Source
-	✓	POLK DIRECTORY CO

BAY RD 1969

105 Green G Clinton ◎ 324-2374
109 Doherty James J ◎ 325-9396
113 Walz Danl A ◎ 322-7431
117 Connell Thos A ◎ 325-0881
121 Holtman Diola E Mrs ◎ 324-1867
125 Gilroy Henry A ◎ 322-2260
129 Swenson Curtis E ◎ 324-3266
133 Fablinger Wm D ◎ 323-7537
137 Zinder Paul P Jr ◎ 325-3936
141 Golubovich Milorad V ◎ 325-5304
145 Ellman Howard N ◎ 324-3014
149 Keith Wm J ◎ 323-6787
153 Cordrey Ray E ◎ 324-0166
GREENWOOD DR INTERSECTS
215 Flood Park 325-5266
Sumner Jack A 325-8598
264 Martin Alberta J Mrs ◎ 326-1271
287 Manley James R ◎ 322-7941
291 Komadina Steve K 325-1835
295 No Return
296 No Return
DEL NORTE AV INTERSECTS
313 Mathis Robt B ◎ 323-5794
317 Shuman Francis C ◎ 325-2425
318 Lang Mary S Mrs ◎ 322-9710
319 Bjorkquist Raymond F ◎ 325-0341
321 Sprague Helen A Mrs ◎ 325-3608
323 Dean Wallace L ◎ 323-4561
327 Hawener Anton J ◎ 325-6502
333 Ardee Painting Co 325-0496
Scott Robt D ◎ 325-0496
352 Seamans Serra ◎ 326-0964
SONOMA PL INTERSECTS
RINGWOOD RD INTERSECTS

Target Street	Cross Street	Source
-	✓	POLK DIRECTORY CO

COMMONWEALTH DR 1969



COMMONWEALTH DR
—FROM 3750 HAVEN AV
SOUTH

ZIP CODE 94025
135 Parke Davis & Co whol
drugs 322-7201
151 Heublein Inc whol liquors
324-2751

Target Street	Cross Street	Source
-	✓	POLK DIRECTORY CO

DEL NORTE AVE 1969

DEL NORTE AV —FROM BAY RD NORTH, RUNS PARALLEL TO FLOOD PARK

ZIP CODE 94025

1004 Erickson Arth ◎ 323-0873
1020 Roy Joseph A ◎ 323-0680
1023 Hardison Betty J ◎ 325-5213
1025 Correy Stuart ◎ 325-0475
1026 World Book Encyclopedia 324-4118
Moore Leroy N ◎ 324-4118
1027 Clagett Thos J ◎ 324-4103
OAKWOOD PL INTERSECTS
1031 Melcher Jack ◎ 325-1620
1033 Helding Kai D ◎ 322-8833
1035 Hopkins David M ◎ 323-7322
1037 Pierose Dean A Jr ◎ 323-2264
1043 Baum Robt A ◎ 325-0497
1047 O'Connor Wm P ◎ 325-1233
1051 Felciano Lorraine C Mrs ◎ 325-9153
1055 Anderton John W ◎ 323-7266
1056 Hegelheimer Dorothy W Mrs ◎ 322-0086
1059 Fries Dietrich E 325-8669
1062 Smiley Harold F ◎ 323-1421
1063 William Joy D ◎ 323-0571
1068 Dodson Clayton B ◎ 325-2027
1072 Wilkinson Rosemary ◎ 324-2852
1073 Klein Joseph 322-2319
1074 No Return

Target Street	Cross Street	Source
-	✓	POLK DIRECTORY CO

DEL NORTE AVE 1969

1077 Lemos Arnold F ◎
333-5534
1081 Cater Benj Y 323-3236

7

PIERCE RD INTERSECTS
1101 Strong Aron 325-5891
1103 Neville Roy ◎ 325-9515
1104 Serratos Rudolfo ◎
325-1684
1106 Serratos Miguel 324-4945
1107 Anderson Mary 322-8134
1108 Apartments
A Dunn Edw
Everett Wm 325-4993
C Tucker B
D Hodges C
MARKET PL INTERSECTS
1111 Wiley Robt 323-3995
1112 Price Jimmie 324-3147
1115 Kiester Vernon G ◎
1116 Seymour Roger ◎ 323-2850
1119 Vacant
1120 Vacant
1121 Vacant
1129 Livas Junius 322-4130
1131a No Return
1131b Smith Robt ◎ 325-1603
1135a Blue James
1135b Vacant

Target Street	Cross Street	Source
-	✓	POLK DIRECTORY CO

HEDGE RD 1969

HEDGE RD —FROM GREENWOOD DR EAST AND NORTH IN A SEMI-CIRCLE, 1 NORTH OF BAY RD

ZIP CODE 94025

105 Coffey Ronald A ◎
107 Marrs Herbert M ◎
325-0344
108 No Return
109 Williams Gary T ◎ 323-1613
111 Laurence Le Roy ◎
325-1325

Target Street	Cross Street	Source
-	✓	POLK DIRECTORY CO

HEDGE RD 1969

115 Ryder Wayne C 324-0377
116 Sherman Agnes L Mrs ◎
322-6472
117 Ellison Dorothy Mrs ◎
324-2611
DUNSMUIR AV INTERSECTS
119 Meerscheidt Henry S ◎
324-0475
123 Evans Sarah S Mrs 322-0034
124 Marsh Jerry ◎ 323-4269
127 Buchow Geo ◎ 325-8074
128 Edds Raymond P ◎
325-1247
131 Belanger Gary
132 Lee Ella Mrs ◎ 322-6012
135 Byrne Bernard J 323-9355
136 Lynch Edw J 323-1665
139 Skidanenko Victor ◎
325-6050
140 No Return
143 Aplmer Zola M Mrs ◎
324-3838
144 Bartlett Kenneth 323-4235
147 Case Jack I ◎ 322-5596
148 Parish Van 325-7275
151 Lockwood Julian ◎ 323-1785
152 Coutts Irving 322-3804
155 Fleming Joseph E
156 Tantau Timothy ◎ 325-8323
159 Atherton Robt D ◎ 324-1812
160 Scott Charles W 324-2245
163 Cowan Edw P ◎ 325-2739
164 Sellers Carl
167 No Return
168 Noble Dan & Sons Building
Maintenance jan serv
323-6475
Noble Danl ◎ 323-6475
171 Fry Donald 322-2572
172 Carr Geo ◎
175 Paye John P 327-0910
176 Vlaming Frank ◎ 323-0969
179 Swoyer Wayne ◎ 323-6594
180 Solbeck Richd ◎ 323-4897
183 Koch Albert 322-0396
187 Steinmetz Arth C ◎
322-2066
191 Zabala Salvador ◎ 324-2909
195 Stearns Robt W 323-3820
GREENWOOD DR
INTERSECTS
201 Walker Louis R ◎ 323-9525
205 Mac Donald Frank B ◎
324-3797
207 Lange Theo E ◎ 325-3643
211 Chace L J ◎ 323-4569
212 Gibbons Felix ◎ 323-6609
215 Vacant
216 Vacant

Target Street	Cross Street	Source
-	✓	POLK DIRECTORY CO

HEDGE RD 1969

HEDGE RD—Contd

219 Martin Weather Strip L Insulation Co 322-6534
Martin Dorwin E ◎ 325-1419
220 Riley David J 325-5221
223 Lealao Gata ◎ 323-0464
224 Long James ◎ 323-3064
227 Smith Patk H Rev ◎ 324-3785
228 Vilez John M ◎ 325-9161
231 Henning Curt R ◎ 323-4008
232 Hughes Gray W ◎ 325-7770
235 Chavez Wm J ◎ 324-4529
236 Cobb Kenneth V ◎ 323-5221
239 Vacant
240 Bickler Harold ◎ 322-6120
243 Randolph Wm ◎ 322-1028
244 Ravizza Geo V ◎ 322-1938
247 Hafkencheid Julius 325-5303
248 No Return
251 Reynolds Wm 322-4030
252 Hardesty Robt C ◎ 325-5959
256 Vacant
259 Justice Paul ◎ 323-9330
260 Mc Gavin Allan ◎ 325-8196
263 Banner Earl J 323-2625
264 Pearce Fred S ◎ 323-5734
267 King Lester A 325-5919
268 Spencer Robt ◎ 325-1394
271 Harden Geo ◎ 322-7945
272 D'Andrea Leonard F ◎ 322-0609
275 Wong Thos ◎ 324-3580
276 Abbott Gordon D ◎ 322-4937
279 Hawkins Everett H ◎ 322-2038
283 Furey Geo ◎ 322-0211
287 Harmon Janis R Mrs ◎ 323-5538

SHERIDAN DR INTERSECTS

300 Rhodes Irving G ◎ 325-7634
304 Miller Marda M ◎ 325-5514
307 Holdredge Robt L ◎ DA5-7357
308 Lackey Robt W ◎ 322-7106
311 Klett Harold R ◎ 325-8430
312 Creasey Vesta R Mrs ◎ 325-3854
315 Schindele Ervin W ◎ 322-3383
316 Hammond Hugh G ◎ 323-7042
319 Older Sherman ◎ 323-5868
320 Fischer Douglas E ◎ 325-6497
323 Foltz Hildreth B 323-7903
324 Creasey Collins R ◎ 322-0843
327 Kenney Robt ◎ 325-7779
328 Amber Edna Mrs ◎ 325-2235
331 Shanks Wm W Jr ◎ 323-7492
332 Mc Coy Arth W ◎ 325-6224
335 Kelley Dwane ◎ 325-5787
336 Satterlee Donald W ◎ 322-8178
339 Lindquist Nathan H ◎ 325-7709
340 Beall Geo F ◎ 324-2961
343 Hidalgo Joseph ◎ 325-6526
344 Winther Sophus K ◎ 325-2041
347 Counce Claude ◎ 322-7710
348 Hardy Wesley ◎ 324-2041
351 Bolich Peter P ◎ 323-0932
352 Morales Philip G ◎
355 Traina Saml J Jr ◎ 322-5154
356 Knebel Werner ◎
359 Hovgard Jean 322-2888
360 Carter Gary D ◎ 325-1422
363 Farrell Clark ◎ 322-2705
364 King Robt W ◎ 322-9007
367 Persson Holge S 323-3586
368 No Return
371 Baron Edwin M ◎ 322-3700
372 Kemp Korby B ◎ 323-2958
375 Conway Jack J ◎ 325-8254
379 Goettge Jean ◎ 322-0472
383 Huenink John C Rev 325-8576
387 Smith Thos M ◎ 322-1154
391 Kostbade Nancy 323-4632
395 Hubby Larry 324-4315

1

HELEN PL —FROM SAN MATEO DR SOUTH, 2 WEST OF MIDDLE AV

ZIP CODE 94025

3 Newman Geo F Jr ◎ 323-1938
5 Wagner Robt L ◎ 322-0157
7 Warren Glen L ◎
9 Hall J Sydney ◎ 323-3728

17

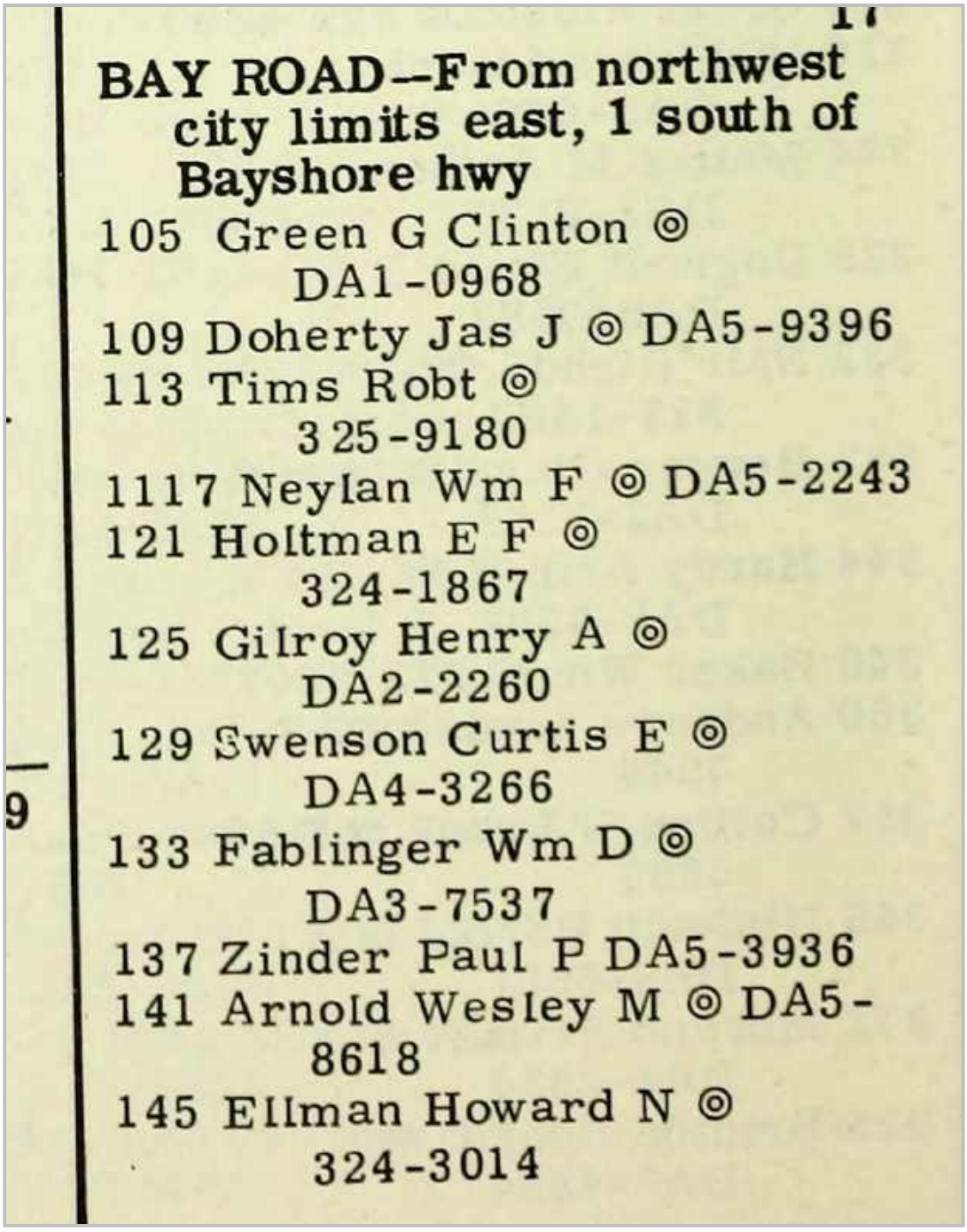
HENDERSON AV —FROM 619 BAY RD NORTH

ZIP CODE 94025

1000 Sorich Theo J II ◎ 322-2655
1004 A-1 Drilling foundation drilling 324-4168
Virdell Jon W ◎ 324-3131
1007 Linnik Alex A ◎ 325-2178
1008 Reynolds Edwin T ◎ 325-6893
1011 Beyer Robt F 323-9869
1012 Scatten Russell ◎ 323-0589
1014 Young Wm R ◎
1015 Sanders Wm H ◎ 324-3816
1016 Plette Genette Mrs ◎ 326-0484
1017 Bereau Francisco 322-7097
1020 Risser Fred 322-9597
1023 Bess Bertha Mrs 323-7418
1027 Dittman Max E ◎

Target Street	Cross Street	Source
-	✓	POLK DIRECTORY CO

BAY RD 1963



17

BAY ROAD--From northwest city limits east, 1 south of Bayshore hwy

105 Green G Clinton ◎
DA1-0968
109 Doherty Jas J ◎ DA5-9396
113 Tims Robt ◎
325-9180
1117 Neylan Wm F ◎ DA5-2243
121 Holtman E F ◎
324-1867
125 Gilroy Henry A ◎
DA2-2260
129 Swenson Curtis E ◎
DA4-3266
133 Fablinger Wm D ◎
DA3-7537
137 Zinder Paul P DA5-3936
141 Arnold Wesley M ◎ DA5-8618
145 Ellman Howard N ◎
324-3014

9

Target Street	Cross Street	Source
-	✓	POLK DIRECTORY CO

BAY RD 1963

BAY RD--Contd

149 Benson Hal Ins Agcy
DA3-2688
Ben Hal ◎
153 Cordrey Ray E ◎
DA4-0166

Greenwood dr begins

215 Flood Park DA2-2188
Sjosten Walter A DA3-5621
264 Martin Alberta J Mrs ◎
DA6-1271
Schanz Wm E ◎ DA5-1925
291 Reynolds Clyde E ◎
DA5-1884
296 O'Donnell Phillip J ◎
DA5-2774

Del Norte av intersects

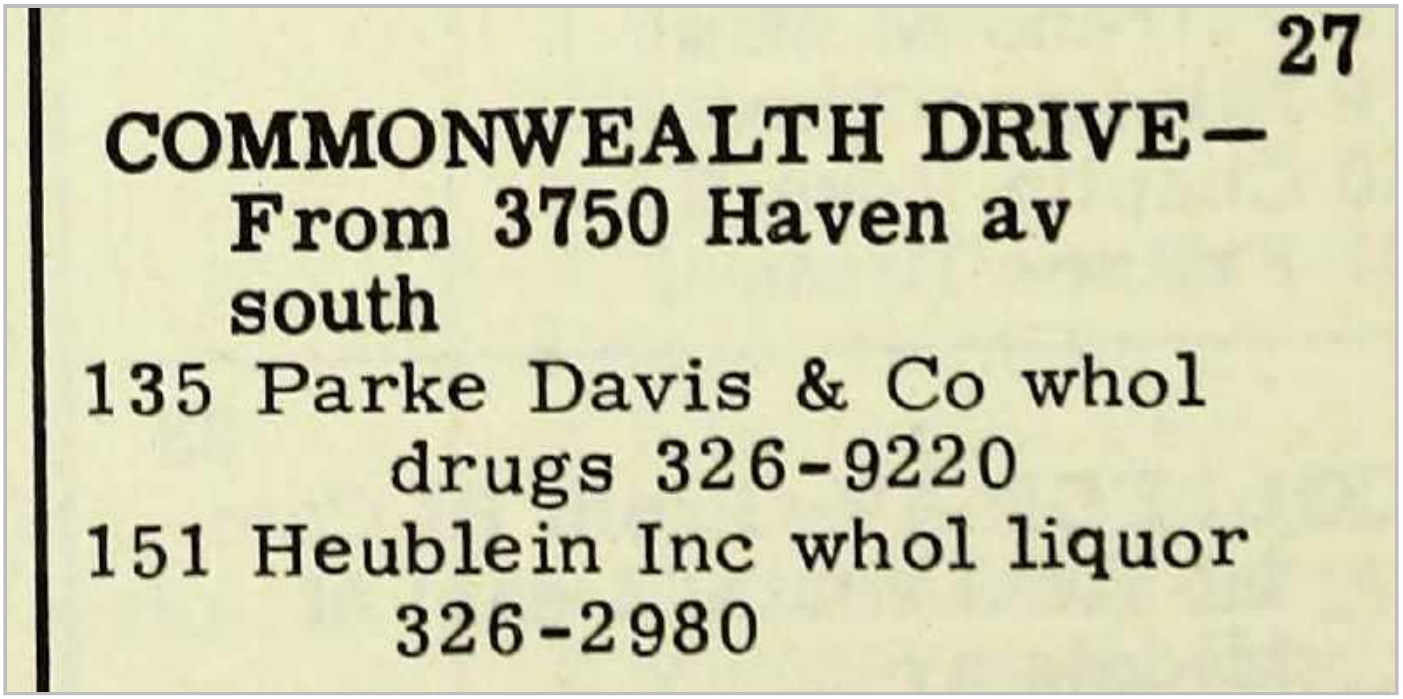
313 Mathis Robt B ◎
323-5794
317 Shuman Francis C ◎
DA5-2425
318 Lang Mary S Mrs ◎
DA2-9710
319 Bjorkquist Raymond F ◎
DA5-0341
321 Taylor Donald W ◎ DA2-8652
323 Dean Wallace L ◎ DA3-4561
327 Leggett Virginia E Mrs ◎
DA3-0633
333 Poser Klaus 322-5293
352 Maas Carol P ◎ DA6-4207

Sonoma pl intersects

Ringwood rd intersects

Target Street	Cross Street	Source
-	✓	POLK DIRECTORY CO

COMMONWEALTH DR 1963



27

COMMONWEALTH DRIVE—
From 3750 Haven av
south
135 Parke Davis & Co whol
drugs 326-9220
151 Heublein Inc whol liquor
326-2980

Target Street	Cross Street	Source
-	✓	POLK DIRECTORY CO

DEL NORTE AVE 1963

DEL NORTE AV—From Bay rd north, runs parallel to Flood Park

1004 Reid Geo W ◎
1020 Roy Jos A DA3-0680
1023 Minners Bruce ◎
DA6-5427
1025 No return
1026 World Book Encyclopedia
324-4118
Moore DeRoy N ◎
DA5-4767
1027 Maher Edw J ◎
322-3777

Oakwood pl intersects

1031 Melcher Jack ◎
322-4186
1033 Brooks Thelma L Mrs ◎
DA3-3592
1035 Hopkins David M ◎
DA3-7322
1037 Kester Wilbur J ◎
DA6-8962
1043 Baum Robt A ◎
DA1-2953

Target Street	Cross Street	Source
-	✓	POLK DIRECTORY CO

DEL NORTE AVE 1963

1047 O'Connor Wm P ◎
DA5-1233
1051 Felciano Lorraine C Mrs
◎ DA2-0114
1055 Welte Walter A ◎
DA3-5653
1056 Hegelheimer Earl E ◎
DA2-0086
1059 Fries Dietrich E
325-8669
1062 Smiley Harold F ◎
DA3-1421
1063 York Gayle D 325-1297
1068 Dodson Clayton B ◎
DA5-2800
1072 Susinetti Robt M ◎
DA2-5922
1073 Pabalis Edgar P ◎
DA3-7840
1074 Baker Winfred C ◎
DA2-8860
1077 Lemos Arnold F ◎
Pierce rd intersects
1101 Cotton Mary Mrs
1103 Golden Jewell
1104 Earington Penny 323-1653
1106 Williams Bobby 322-7347
1107 Anderson Mary DA5-050
DA5-0605
Williams Anthony
1108 **Apartments**
(A) Shirley Willis M Mrs
(B) Archer Ronald J
(C) Vacant
(D) Dunn Edw DA6-3901
Market pl intersects
1111 Brookter Mary Mrs ◎
322-5071
1112 Nelson Willie jr ◎
322-3801
1115 Kiester Vernon G ◎
1116 Seymour Roger ◎
1119 Browne Clifford 324-3983
1120 King Johnnie B ◎
DA1-3175
1121 Mezon Faye Mrs
1123 Reed Arlie
1125 Dinwiddie Rufus
1127 Nettles Joseph
1131 Adams Luberta Mrs
bldg mtce
Henderson Raymond
323-9943
Henderson Janie Mrs
1135 Reese Marshall 322-0638

Target Street	Cross Street	Source
-	✓	POLK DIRECTORY CO

HEDGE RD 1963

HEDGE ROAD–From Greenwood dr east and north in a semi-circle, 1 north of Bay rd

105 Coffey Ronald A ◎ DA4-3451
107 Marrs Herbert M ◎ DA5-0344
108 Patterson Geo W ◎ DA6-5239
109 Williams Gary T ◎ DA3-1613
111 Laurence LeRoy ◎ DA5-132
115 Vacant
116 Sherman Agnes L Mrs ◎ DA2-6472
117 Ellison Dorothy J Mrs ◎ DA6-3903

Dunsmuir av begins

119 Meerscheid Henry S ◎ DA4-0475
123 Evans Sarah S Mrs ◎ DA2-0034
124 Moltzen Allan R ◎ DA3-6755
127 Chanowitz Herman H ◎ DA6-2581
128 Edds R ymond P ◎ DA5-1247
131 Finical Thos N ◎ DA6-5111
132 Lamb Gladys Mrs ◎ 325-1441
135 Byrne Shirley M Mrs ◎ DA3-5225
136 Lynch Edw J ◎ DA3-1665
139 Frazer Arth W jr ◎ DA3-2022
140 Vacant
143 Palmer Wm T ◎ DA4-3838
144 Miller Bruce A ◎ 324-4517

Target Street	Cross Street	Source
-	✓	POLK DIRECTORY CO

HEDGE RD 1963

147 O'Rourke John C DA5-5132
148 Armstrong Fred W ◎ DA2-0137
151 Ledbetter Walter T ◎ DA4-4088
152 Parsons Harry L ◎ DA2-9006
155 Ahlgrim Robt E ◎ DA2-5377
156 Cope Donald M ◎ 325-6952
159 Atherton Robt D ◎ DA4-1812
160 Scott Chas W ◎ DA1-5927
163 Cowan Edw P ◎ DA5-2739
164 Capra Eug L ◎ DA4-2477
167 Cooley Robt J DA5-8553
168 O'Shay Bart ◎ 323-7639
171 Fry D 322-2572
172 Keeler Joan C Mrs ◎ DA2-8766
175 Birkenshaw Harold W ◎ DA5-2506
176 Ginaburg Chas P ◎ 325-8629
179 Foley Chas M ◎ DA5-2076
180 Solbeck Richd ◎ DA3-4897
183 Mazik Edw J ◎ DA4-3927
187 Steinmetz Arth C ◎ DA2-2066
191 Zabola Salvaodr ◎ DA4-2909
195 Hall David J ◎ 322-0698
Greenwood dr intersects
201 Walker Louis R ◎ DA3-9525
205 MacDonald Frank B ◎ DA4-3797
207 Lange Theo E ◎ DA5-3643
211 Zegers Jos C ◎ 323-1029
212 Gibbons Felix ◎ DA3-6609
215 McGlasson John ◎ DA2-6097
216 Gautschi Rudolph ◎ DA4-4211
219 Martin Weather Strip & Insulation Co
Martin Dorwin E ◎ DA5-1419
220 Russell John W ◎ 322-3696
223 Siegfried J R
Frank Albert J 325-9479
224 Romero Frank ◎ DA1-0419
227 Sundquist Frank F DA1-0935
228 Vilez John M ◎ DA5-9161
231 Slater Fred H ◎ DA2-5608
232 Hughes Gray W ◎ 325-0770
235 Johnson Robt M ◎ DA3-3212
236 Sevier Loretta Mrs ◎ DA3-5221
239 Dickenson Gary L 325-9369
240 Kirkpatrick R N
243 Bayless R E 325-2862
244 Ravizza Geo V ◎ DA2-1938
247 Zeelig Hannybald 322-6074
248 Vandiver N Douglas ◎ 324-0368

Target Street	Cross Street	Source
-	✓	POLK DIRECTORY CO

HEDGE RD 1963

HEDGE RD—Contd

251 Storm Helen H Mrs ◎ DA2-0651
252 Hardesty R Chas ◎ DA5-5959
255 Cookman Jas P ◎ 325-8202
256 No Return
259 Justice Paul ◎ DA3-9330
260 Hartmann Robt F ◎ DA2-5296
263 Mull Max W ◎ DA3-7694
264 Pearce Fred S ◎ DA3-5734
267 Lange Geo R ◎ DA2-8421
268 Shaw Esther R Mrs ◎ 322-8793
271 Hilton Danl H ◎ DA2-5991
272 D'Andrea Leonard F ◎ DA2-0609
275 Wong Thos ◎ 324-3580
276 Abbott Gordon D ◎ 322-5390
279 Hawkins Everett H ◎ DA2-2038
283 Cross Floyd H ◎ DA2-4197
287 Harmon Wm E ◎ DA3-5538

Sheridan dr begins

300 Rhoads Irving G ◎ 325-7634
304 Miller Marda M ◎ 325-0821
307 Holdredge Robt L ◎ DA5-7357
308 Lackey Robt W ◎ 322-7106
311 Klett Harold R ◎ DA5-8430
312 Kreasey Harrel M ◎ DA5-2884
315 Schindele Ervin W ◎ 322-3383
316 Hammond Hugh G ◎ DA3-7042
319 PRC Constn Co bldg contr DA3-0994
Peregrina Madeo M ◎ DA3-0994
320 Fischer Douglas E ◎ 325-6497
323 Menlo Atherton Glass Co DA2-1116
324 Creasey Collins R ◎ 322-9665
327 Jones Bill A ◎ DA3-2161
328 Amberg Arth L ◎ DA5-2235
331 Shanks Wm W jr ◎ DA3-7492
332 McCoy Geo ◎
335 Kelley Dwane ◎ DA5-5787
336 Vacant
339 Lindquist Nathan H ◎ DA5-1535
340 Beall Geo F ◎ DA6-0463
343 Hidalgo Jos ◎ DA4-0257
344 Bowles Carrington E ◎ DA5-4813
347 Vacant
348 Hardy Betty J Mrs ◎ DA1-0156
351 Bolich Peter P ◎ DA3-0932
352 Morales Phillip G ◎ DA1-3270
355 Traina Saml J jr ◎ DA2-5154
356 Craig Frances L ◎ 325-3040
359 Powell Ivor 325-5754
360 Cattich John J ◎ DA5-1715
363 Torre Raymond E ◎ 321-4420
364 King Robt W ◎ DA2-9007
367 Persson Holge S ◎ DA3-3586
368 Shaw Esther R ◎ 322-8793
371 Baron Edwin M ◎ DA2-3700
372 Hack Louis C ◎ DA2-1110
375 Pearson Dale W ◎ DA3-1230
379 Wolverton Chas W ◎ DA2-4955
383 Malloy Vera G ◎ 325-8667
387 Vacant
391 Aubrey May Mrs ◎ DA5-8631
395 Gould Wm M ◎ 325-8245

1

HELEN PLACE—From San Mateo dr south, 2 west of Middle av

3 Alm Roland H 322-6038
5 Mercer Lafayetee S ◎ DA2-6045
7 Warren Glen 324-1776
9 Hall Sydney ◎

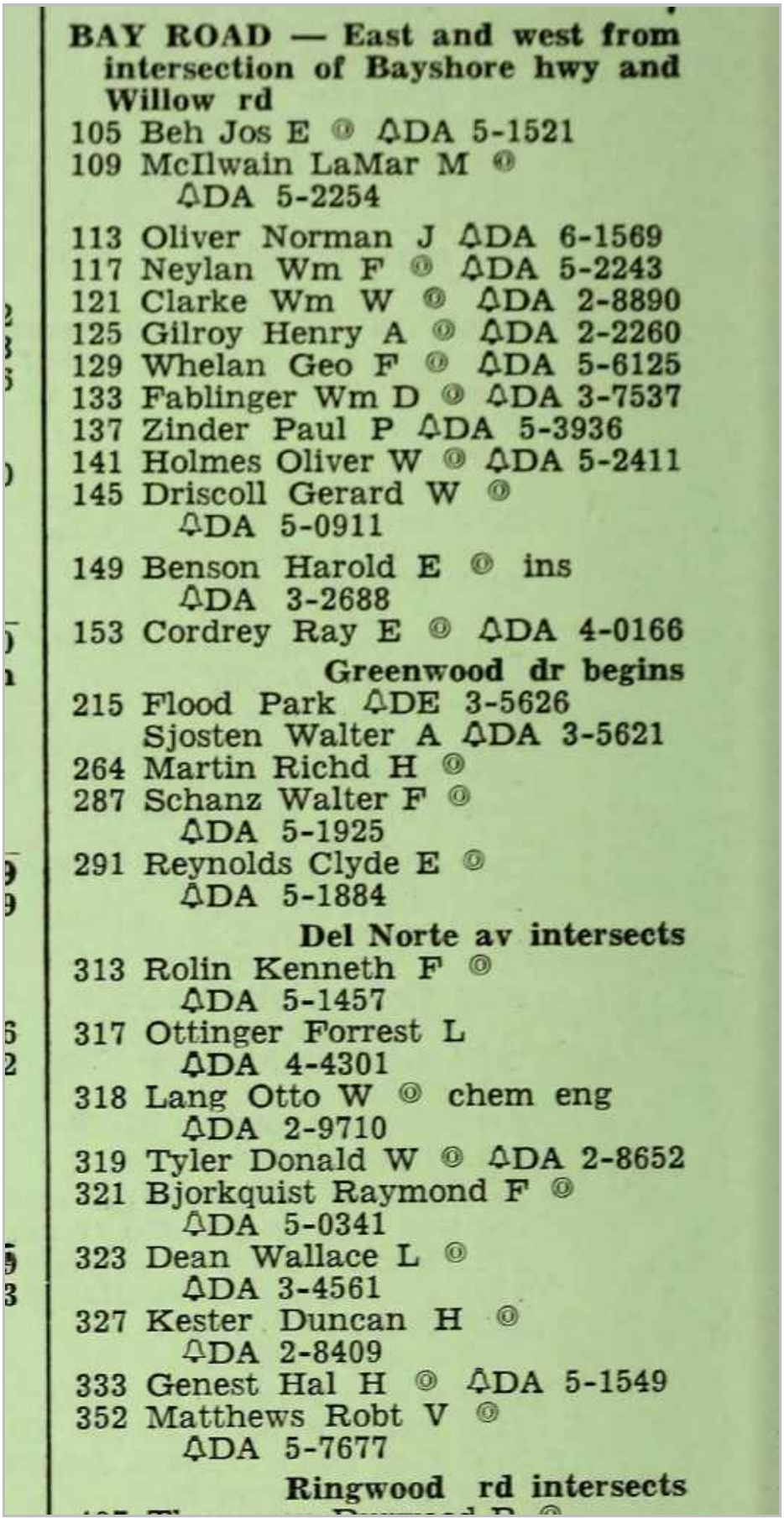
17

HENDERSON AV—From 619 Bay rd north

1000 No Return
1004 Melhart Geo F ◎ DA3-6996
1007 Linnik Alex A ◎ DA5-2178
1008 Reynolds Edwin T ◎ 325-6893
1011 Craig Richd E ◎ DA4-2360
1012 Smades Fred J ◎ DA2-7576
1014 Young Wm R ◎ DA5-6130
1015 Sanders Wm H ◎ DA6-1901
1016 Plette Genette Mrs DA6-0484
1017 Manson Clara S 325-6207
1020 Cregan Harvey J ◎ DA5-1398

Target Street	Cross Street	Source
-	✓	POLK DIRECTORY CO

BAY RD 1957



BAY ROAD — East and west from intersection of Bayshore hwy and Willow rd

105 Beh Jos E ◎ ΔDA 5-1521
109 McIlwain LaMar M ◎ ΔDA 5-2254
113 Oliver Norman J ΔDA 6-1569
117 Neylan Wm F ◎ ΔDA 5-2243
121 Clarke Wm W ◎ ΔDA 2-8890
125 Gilroy Henry A ◎ ΔDA 2-2260
129 Whelan Geo F ◎ ΔDA 5-6125
133 Fablinger Wm D ◎ ΔDA 3-7537
137 Zinder Paul P ΔDA 5-3936
141 Holmes Oliver W ◎ ΔDA 5-2411
145 Driscoll Gerard W ◎ ΔDA 5-0911
149 Benson Harold E ◎ ins ΔDA 3-2688
153 Cordrey Ray E ◎ ΔDA 4-0166

Greenwood dr begins

215 Flood Park ΔDE 3-5626
Sjosten Walter A ΔDA 3-5621
264 Martin Richd H ◎
287 Schanz Walter F ◎ ΔDA 5-1925
291 Reynolds Clyde E ◎ ΔDA 5-1884

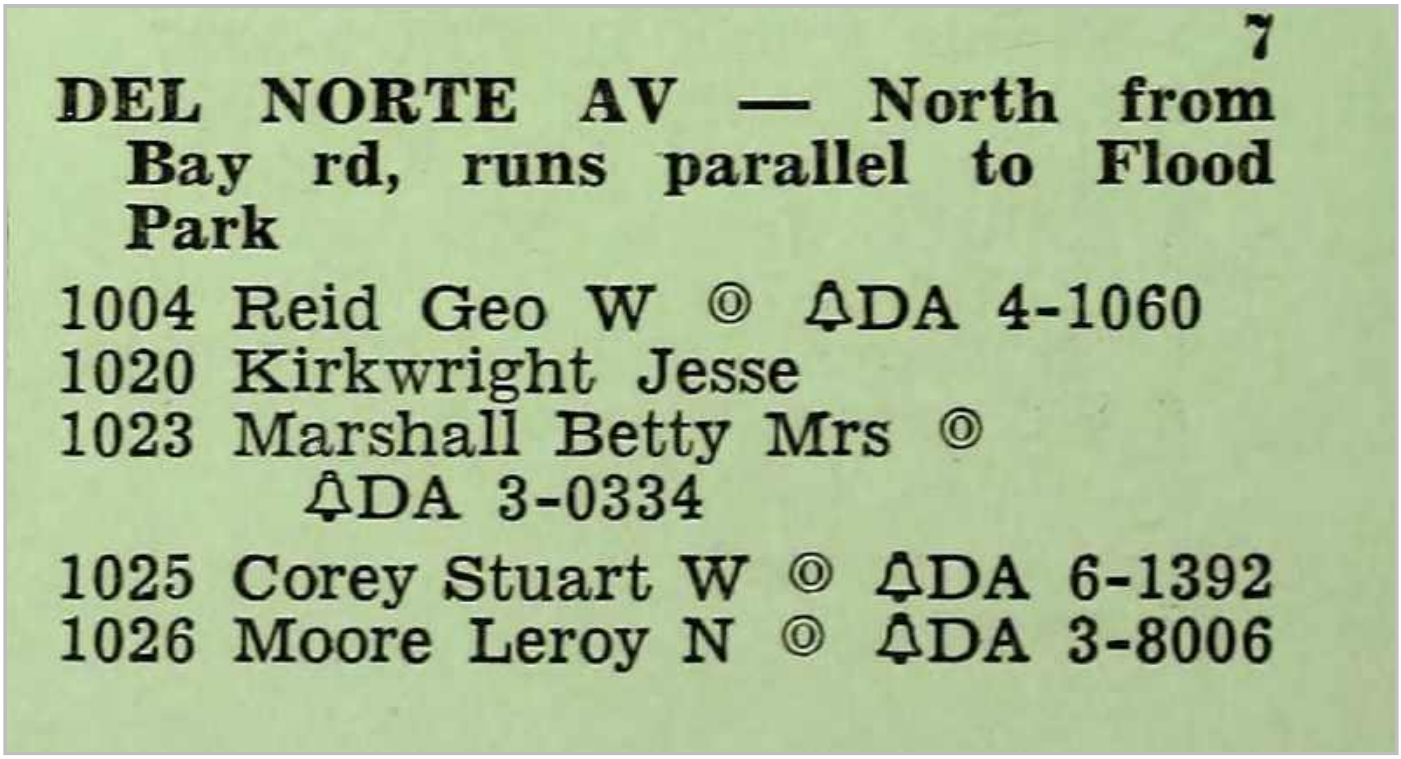
Del Norte av intersects

313 Rolin Kenneth F ◎ ΔDA 5-1457
317 Ottinger Forrest L ΔDA 4-4301
318 Lang Otto W ◎ chem eng ΔDA 2-9710
319 Tyler Donald W ◎ ΔDA 2-8652
321 Bjorkquist Raymond F ◎ ΔDA 5-0341
323 Dean Wallace L ◎ ΔDA 3-4561
327 Kester Duncan H ◎ ΔDA 2-8409
333 Genest Hal H ◎ ΔDA 5-1549
352 Matthews Robt V ◎ ΔDA 5-7677

Ringwood rd intersects

Target Street	Cross Street	Source
-	✓	POLK DIRECTORY CO

DEL NORTE AVE 1957



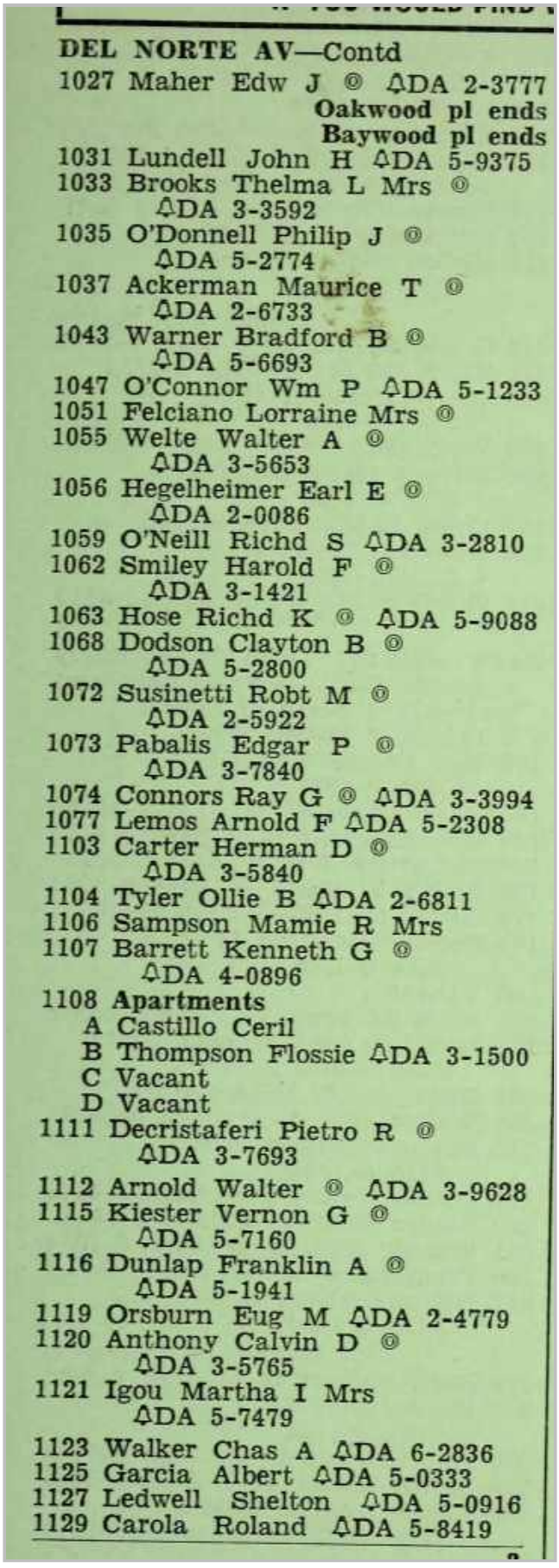
7

DEL NORTE AV — North from Bay rd, runs parallel to Flood Park

1004 Reid Geo W © ΔDA 4-1060
1020 Kirkwright Jesse
1023 Marshall Betty Mrs © ΔDA 3-0334
1025 Corey Stuart W © ΔDA 6-1392
1026 Moore Leroy N © ΔDA 3-8006

Target Street	Cross Street	Source
-	✓	POLK DIRECTORY CO

DEL NORTE AVE 1957



DEL NORTE AV—Contd

1027 Maher Edw J ® ΔDA 2-3777
Oakwood pl ends
Baywood pl ends
1031 Lundell John H ΔDA 5-9375
1033 Brooks Thelma L Mrs ®
ΔDA 3-3592
1035 O'Donnell Philip J ®
ΔDA 5-2774
1037 Ackerman Maurice T ®
ΔDA 2-6733
1043 Warner Bradford B ®
ΔDA 5-6693
1047 O'Connor Wm P ΔDA 5-1233
1051 Felciano Lorraine Mrs ®
1055 Welte Walter A ®
ΔDA 3-5653
1056 Hegelheimer Earl E ®
ΔDA 2-0086
1059 O'Neill Richd S ΔDA 3-2810
1062 Smiley Harold F ®
ΔDA 3-1421
1063 Hose Richd K ® ΔDA 5-9088
1068 Dodson Clayton B ®
ΔDA 5-2800
1072 Susinetti Robt M ®
ΔDA 2-5922
1073 Pabalis Edgar P ®
ΔDA 3-7840
1074 Connors Ray G ® ΔDA 3-3994
1077 Lemos Arnold F ΔDA 5-2308
1103 Carter Herman D ®
ΔDA 3-5840
1104 Tyler Ollie B ΔDA 2-6811
1106 Sampson Mamie R Mrs
1107 Barrett Kenneth G ®
ΔDA 4-0896
1108 **Apartments**
A Castillo Ceril
B Thompson Flossie ΔDA 3-1500
C Vacant
D Vacant
1111 Decristaferi Pietro R ®
ΔDA 3-7693
1112 Arnold Walter ® ΔDA 3-9628
1115 Kiester Vernon G ®
ΔDA 5-7160
1116 Dunlap Franklin A ®
ΔDA 5-1941
1119 Orsburn Eug M ΔDA 2-4779
1120 Anthony Calvin D ®
ΔDA 3-5765
1121 Igou Martha I Mrs
ΔDA 5-7479
1123 Walker Chas A ΔDA 6-2836
1125 Garcia Albert ΔDA 5-0333
1127 Ledwell Shelton ΔDA 5-0916
1129 Carola Roland ΔDA 5-8419

Target Street	Cross Street	Source
-	✓	POLK DIRECTORY CO

HEDGE RD 1957

HARVARD AV—Contd
845 Hampton Wade
848 Peters Geo M ◎ ΔDA 2-3746
855 Brooks E Howard ΔDA 2-6562
860 Hill Harry H ◎ ΔDA 2-2753
861 Sleeper Chas L ◎ ΔDA 3-9370
872 Silvestri Robt ◎ ΔDA 3-6041
875 Himmelman Harold G ◎ ΔDA 2-3283
880 Steinhart Arth ◎ ΔDA 4-0200
885 Lencioni Louis J ◎ ΔDA 2-4051
887 Garner Harold E real est ΔDA 2-6367
888 Culp Helene G Mrs ◎ ΔDA 4-0847
895 Jackson Fredk M ◎ ΔDA 2-7445
896 Seiller Leonine Mrs ◎ ΔDA 3-6639

1

HASKINS AV — From Alameda de las Pulgas south, 1 west of Prospect
2101 Under constn
2139 Under constn
2143 Under constn

7

HEDGE ROAD — Northeast from Greenwood dr in a semi-circle, 1 north of Bay rd
105 Coffey Ronald A ◎ ΔDA 4-3451
107 Inklis John jr ◎ ΔDA 5-6339
108 Whitehead Alcy P ◎ ΔDA 4-2478
109 Williams Gary T ◎ ΔDA 3-1613
111 Laurence LeRoy ◎ ΔDA 5-1325
115 Cravath Steph L ◎ ΔDA 6-0893
116 DelPrete Louis R ◎ ΔDA 5-2634
117 Vacant

Dunsmuir av begins

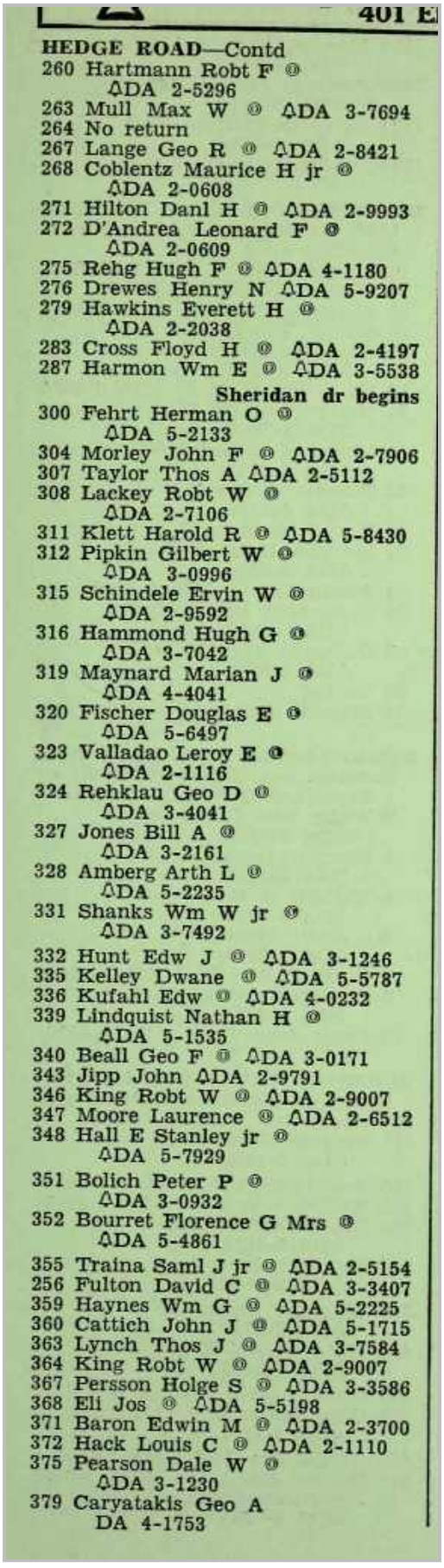
119 Meerscheidt Henry S ◎ ΔDA 4-0475
123 Evans Sarah S Mrs ◎ ΔDA 2-0034
124 Moltzen Allan R ◎ ΔDA 3-6755
127 Clarke Wm J ◎ ΔDA 5-7853
128 Edds Raymond P ◎ ΔDA 5-1247
131 Hawley Ronald V ◎ ΔDA 2-1883
132 Vaughan Robt J ◎ ΔDA 3-7682
135 Byrne Shirley M Mrs ΔDA 3-5225
136 Lynch Edw J ◎ ΔDA 3-1665
139 Frazer Arth W jr ◎ ΔDA 3-2022
140 Johnson Kermit V ◎ ΔDA 6-2144
143 Davis Wayland T ◎ ΔDA 5-8744
144 Burns Kenneth A ◎
147 Gibson Edw M ◎ ΔDA 5-8710
148 Armstrong Fred W ◎ ΔDA 2-0137
151 Ledbetter Walter T ◎ ΔDA 4-4088
152 Parsons Harry L ◎ ΔDA 2-9006
155 Ahlgrim Robt E ◎ ΔDA 2-5377
156 Andrews Harry W ◎ ΔDA 2-7773
159 Atherton Robt D ◎ ΔDA 4-1812
160 Paige Harvey C ◎ ΔDA 5-8384
163 McKee John ◎
164 Manwaring Roger D ◎ ΔDA 5-7114
167 Broschat Geo W ◎ ΔDA 5-3584
168 Nelson Aubrey O ◎ ΔDA 2-6117
171 Vacant
172 Demeter Jos J ◎ ΔDA 2-4282
175 Birkinshaw Harold W ◎ ΔDA 5-2506
176 Dillinger Wm C ◎ ΔDA 2-5073
179 Foley Chas M ◎ ΔDA 5-2076
180 Solbeck Richd ◎ ΔDA 3-4897
183 Mazik Edw J ◎ ΔDA 4-3927
187 Steinmetz Arth C ◎ ΔDA 2-2066
191 Schubert Darold L ◎ ΔDA 2-3317
195 Steffan Wm W ◎ ΔDA 3-3909

Greenwood dr ends

201 Walker Louis R ◎ ΔDA 3-9525
205 MacDonald Frank B ◎ ΔDA 4-3797
207 Lange Theo E ◎ ΔDA 5-3643
211 Troutner Leroy F ◎ ΔDA 6-1487
212 Gibbons Felix ◎ ΔDA 3-6609
215 McGlasson John ◎ ΔDA 2-6091
216 Gautschi Rudolph ◎ ΔDA 4-4211
219 Martin Insulation & Weatherstrip Co ΔDA 2-6534
Martin Dorwin E ◎ ΔDA 2-6534
220 Schmolze Robt F ◎ ΔDA 5-1133
223 Gaetano Dominic A ◎ ΔDA 5-6120
224 Goshorn Bruce M ◎ ΔDA 5-4152
227 Knox Perry B ◎ ΔDA 5-2215
228 Hazard Gordon T ◎ ΔDA 2-5608
231 Slater Fred H ◎ ΔDA 2-7879
232 Chaney Byron R ◎ ΔDA 2-4443
235 Lynn Geo M ◎ ΔDA 3-1168
236 Sevier Donald B ◎ ΔDA 3-5221
239 Trevisan Gildo G ◎ ΔDA 2-6114
240 Stoddard Jas M ◎ ΔDA 3-7715
243 Durr Eug F jr ◎ ΔDA 5-8823
244 Ravizza Geo V ◎ ΔDA 2-1938
247 Moeller Theo C ◎ ΔDA 5-1541
248 Orri Robt D ◎ ΔDA 5-3071
251 Storm Helen H Mrs ◎ ΔDA 2-0651
252 Hardesty Chas ◎ ΔDA 5-5959
255 Coldiron John S ◎ ΔDA 3-7229
256 Harvey Henry C ◎ ΔDA 5-4359
259 Justice Paul ◎ ΔDA 3-9330

Target Street	Cross Street	Source
-	✓	POLK DIRECTORY CO

HEDGE RD 1957



401 E

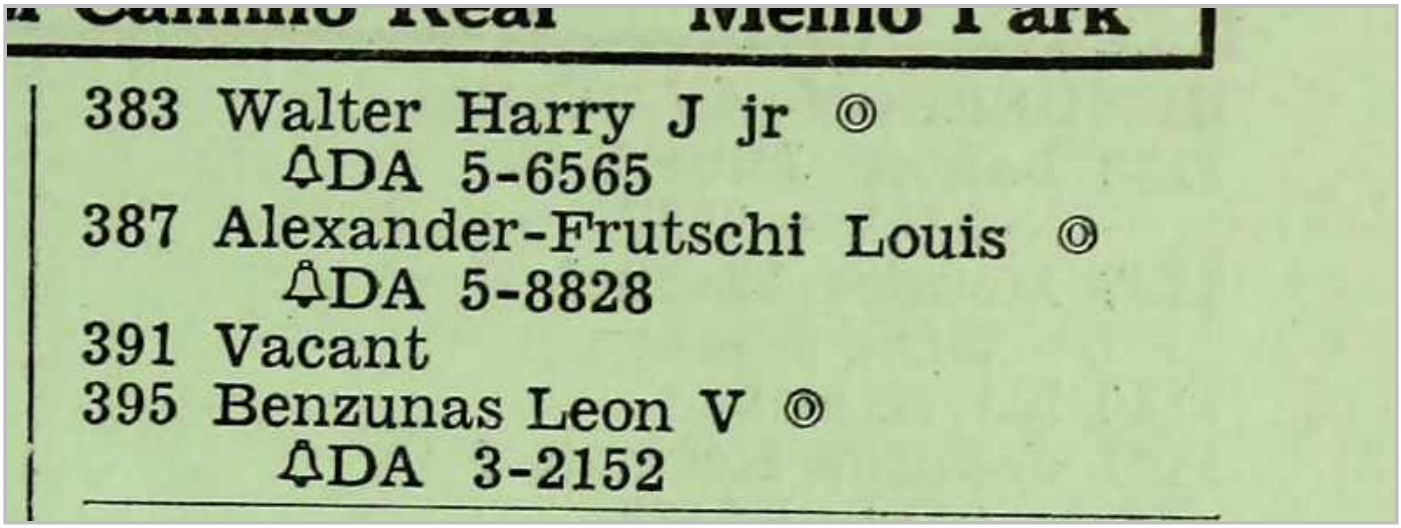
HEDGE ROAD—Contd
260 Hartmann Robt F ◎
ΔDA 2-5296
263 Mull Max W ◎ ΔDA 3-7694
264 No return
267 Lange Geo R ◎ ΔDA 2-8421
268 Coblentz Maurice H jr ◎
ΔDA 2-0608
271 Hilton Danl H ◎ ΔDA 2-9993
272 D'Andrea Leonard F ◎
ΔDA 2-0609
275 Rehg Hugh F ◎ ΔDA 4-1180
276 Drewes Henry N ΔDA 5-9207
279 Hawkins Everett H ◎
ΔDA 2-2038
283 Cross Floyd H ◎ ΔDA 2-4197
287 Harmon Wm E ◎ ΔDA 3-5538

Sheridan dr begins

300 Fehrt Herman O ◎
ΔDA 5-2133
304 Morley John F ◎ ΔDA 2-7906
307 Taylor Thos A ΔDA 2-5112
308 Lackey Robt W ◎
ΔDA 2-7106
311 Klett Harold R ◎ ΔDA 5-8430
312 Pipkin Gilbert W ◎
ΔDA 3-0996
315 Schindele Ervin W ◎
ΔDA 2-9592
316 Hammond Hugh G ◎
ΔDA 3-7042
319 Maynard Marian J ◎
ΔDA 4-4041
320 Fischer Douglas E ◎
ΔDA 5-6497
323 Valladao Leroy E ◎
ΔDA 2-1116
324 Rehklau Geo D ◎
ΔDA 3-4041
327 Jones Bill A ◎
ΔDA 3-2161
328 Amberg Arth L ◎
ΔDA 5-2235
331 Shanks Wm W jr ◎
ΔDA 3-7492
332 Hunt Edw J ◎ ΔDA 3-1246
335 Kelley Dwane ◎ ΔDA 5-5787
336 Kufahl Edw ◎ ΔDA 4-0232
339 Lindquist Nathan H ◎
ΔDA 5-1535
340 Beall Geo F ◎ ΔDA 3-0171
343 Jipp John ΔDA 2-9791
346 King Robt W ◎ ΔDA 2-9007
347 Moore Laurence ◎ ΔDA 2-6512
348 Hall E Stanley jr ◎
ΔDA 5-7929
351 Bolich Peter P ◎
ΔDA 3-0932
352 Bourret Florence G Mrs ◎
ΔDA 5-4861
355 Traina Saml J jr ◎ ΔDA 2-5154
256 Fulton David C ◎ ΔDA 3-3407
359 Haynes Wm G ◎ ΔDA 5-2225
360 Cattich John J ◎ ΔDA 5-1715
363 Lynch Thos J ◎ ΔDA 3-7584
364 King Robt W ◎ ΔDA 2-9007
367 Persson Holge S ◎ ΔDA 3-3586
368 Eli Jos ◎ ΔDA 5-5198
371 Baron Edwin M ◎ ΔDA 2-3700
372 Hack Louis C ◎ ΔDA 2-1110
375 Pearson Dale W ◎
ΔDA 3-1230
379 Caryatakis Geo A
DA 4-1753

Target Street	Cross Street	Source
-	✓	POLK DIRECTORY CO

HEDGE RD 1957



383 Walter Harry J jr ©
DA 5-6565
387 Alexander-Frutschi Louis ©
DA 5-8828
391 Vacant
395 Benzunas Leon V ©
DA 3-2152

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Appendix G
Client-Supplied Documents

No Previous Environmental Documents Provided

CITADEL EHS
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Appendix H
EDR Historical Topo Map Report

320 Sheridan Drive

320 Sheridan Drive

Menlo Park, CA 94025

Inquiry Number: 7302428.4

April 11, 2023

EDR Historical Topo Map Report

with QuadMatch™

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Historical Topo Map Report

04/11/23

Site Name:	Client Name:
320 Sheridan Drive	Citadel Environmental Services
320 Sheridan Drive	1725 Victory Boulevard
Menlo Park, CA 94025	Glendale, CA 91201
EDR Inquiry # 7302428.4	Contact: Annie Liu

EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Citadel Environmental Services were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

Search Results:

P.O.# NA

Project: 1485.1029.0

Coordinates:

Latitude:	37.476883 37° 28' 37" North
Longitude:	-122.1703 -122° 10' 13" West
UTM Zone:	Zone 10 North
UTM X Meters:	573360.52
UTM Y Meters:	4148099.88
Elevation:	19.00' above sea level

Maps Provided:

2018	1953
2015	1948
2012	1947
1999	1943
1994	1902
1973	1899
1968	1897
1961	

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2018 Source Sheets

Palo Alto
2018
7.5-minute, 24000

Redwood Point
2018
7.5-minute, 24000

2015 Source Sheets

Palo Alto
2015
7.5-minute, 24000

Redwood Point
2015
7.5-minute, 24000

2012 Source Sheets

Palo Alto
2012
7.5-minute, 24000

Redwood Point
2012
7.5-minute, 24000

1999 Source Sheets

Palo Alto
1999
7.5-minute, 24000
Aerial Photo Revised 1999

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1994 Source Sheets

Palo Alto
1994
7.5-minute, 24000
Aerial Photo Revised 1991

1973 Source Sheets

Redwood Point
1973
7.5-minute, 24000
Aerial Photo Revised 1973

Palo Alto
1973
7.5-minute, 24000
Aerial Photo Revised 1973

1968 Source Sheets

Palo Alto
1968
7.5-minute, 24000
Aerial Photo Revised 1968

Redwood Point
1968
7.5-minute, 24000
Aerial Photo Revised 1968

1961 Source Sheets

Palo Alto
1961
7.5-minute, 24000
Aerial Photo Revised 1960

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1953 Source Sheets

Palo Alto
1953
7.5-minute, 24000
Aerial Photo Revised 1948

1948 Source Sheets

Palo Alto
1948
15-minute, 62500
Aerial Photo Revised 1948

1947 Source Sheets

PALO ALTO
1947
15-minute, 50000

1943 Source Sheets

Palo Alto
1943
15-minute, 62500
Aerial Photo Revised 1940

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1902 Source Sheets

Santa Cruz
1902
30-minute, 125000

1899 Source Sheets

Palo Alto
1899
15-minute, 62500

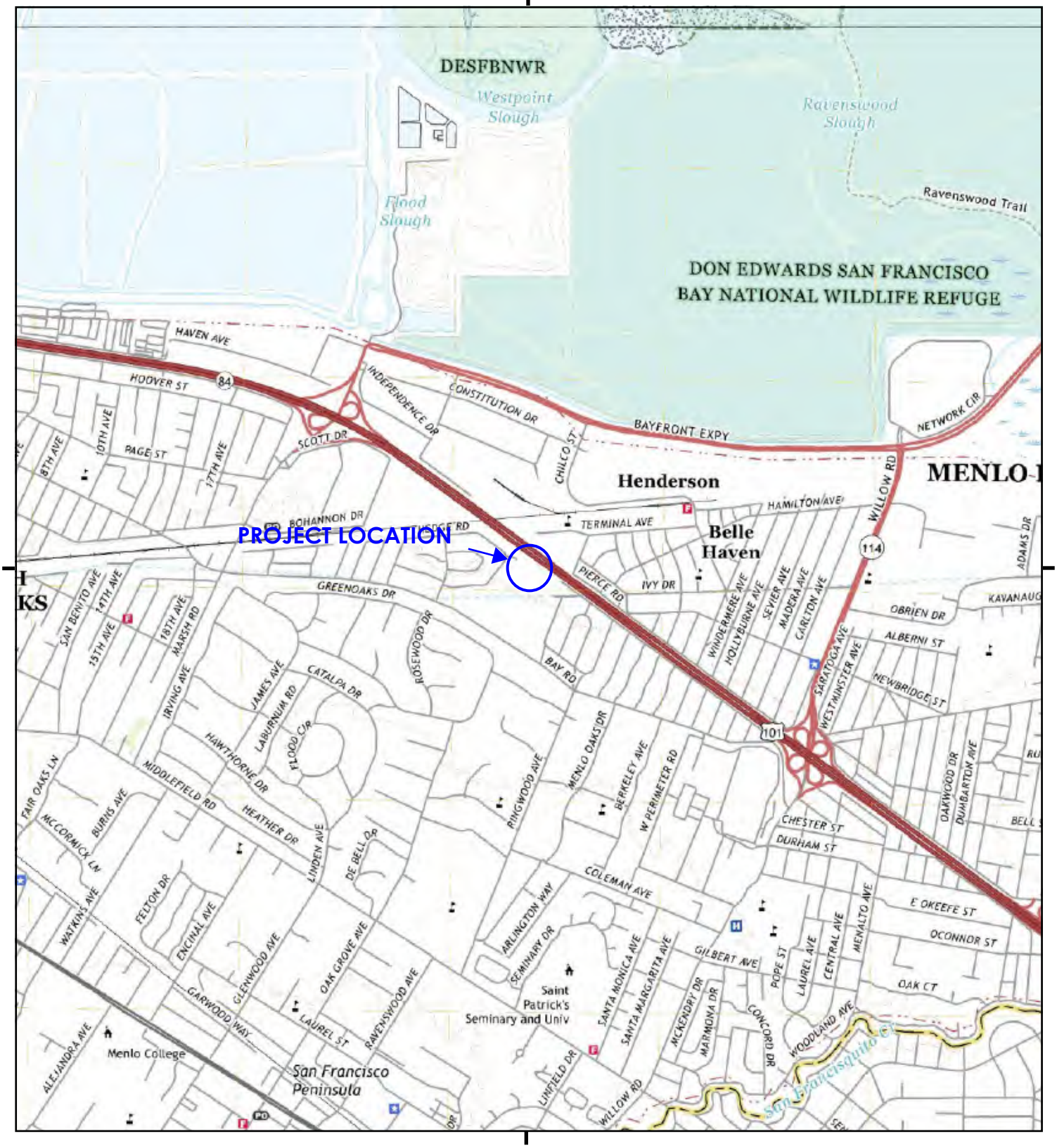
Haywards
1899
15-minute, 62500

1897 Source Sheets

Palo Alto
1897
15-minute, 62500

Historical Topo Map

2018



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Palo Alto, 2018, 7.5-minute
N, Redwood Point, 2018, 7.5-minute

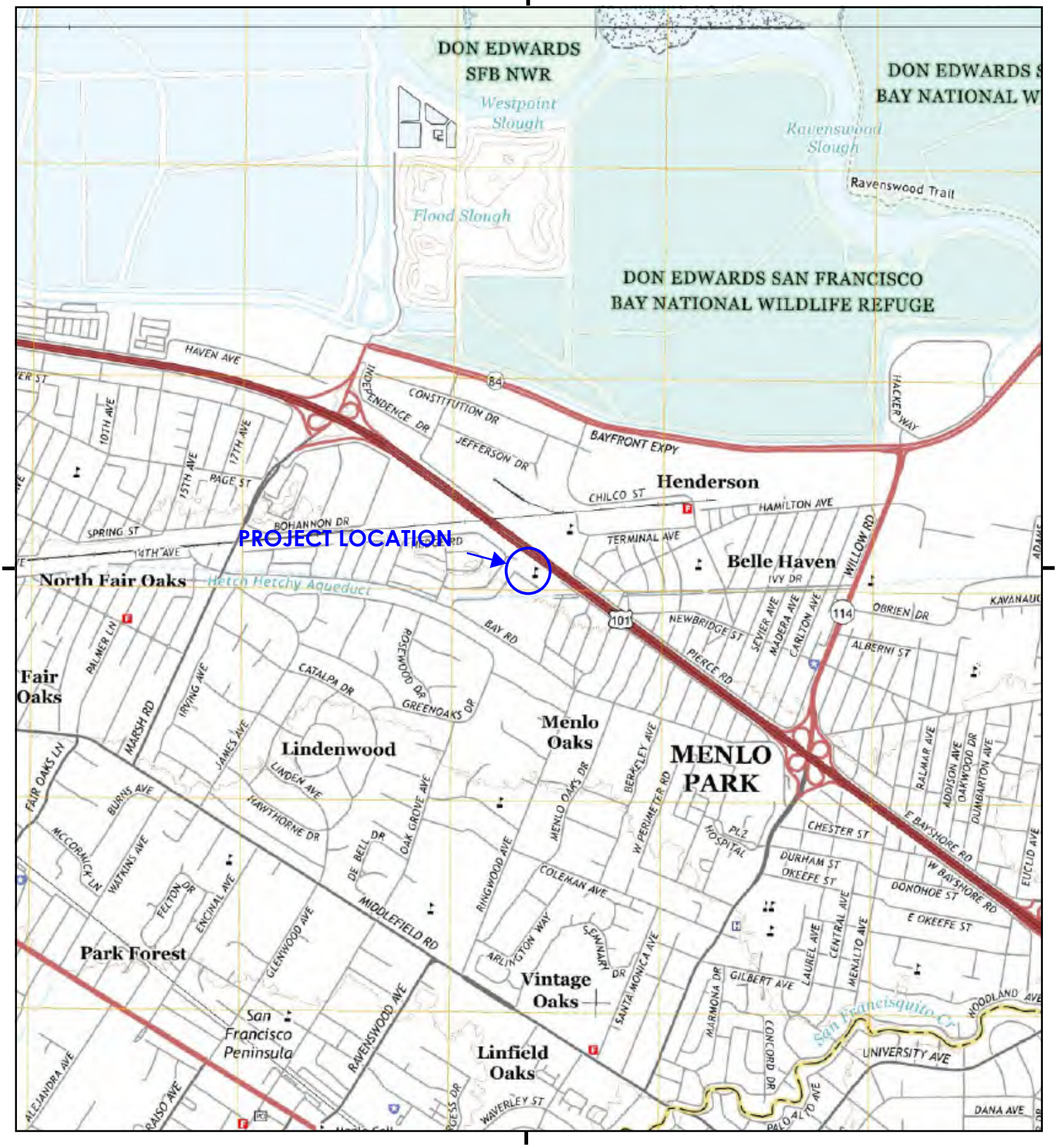
A856

SITE NAME: 320 Sheridan Drive
ADDRESS: 320 Sheridan Drive
Menlo Park, CA 94025
CLIENT: Citadel Environmental Services

N

Historical Topo Map

2015



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Palo Alto, 2015, 7.5-minute
N, Redwood Point, 2015, 7.5-minute

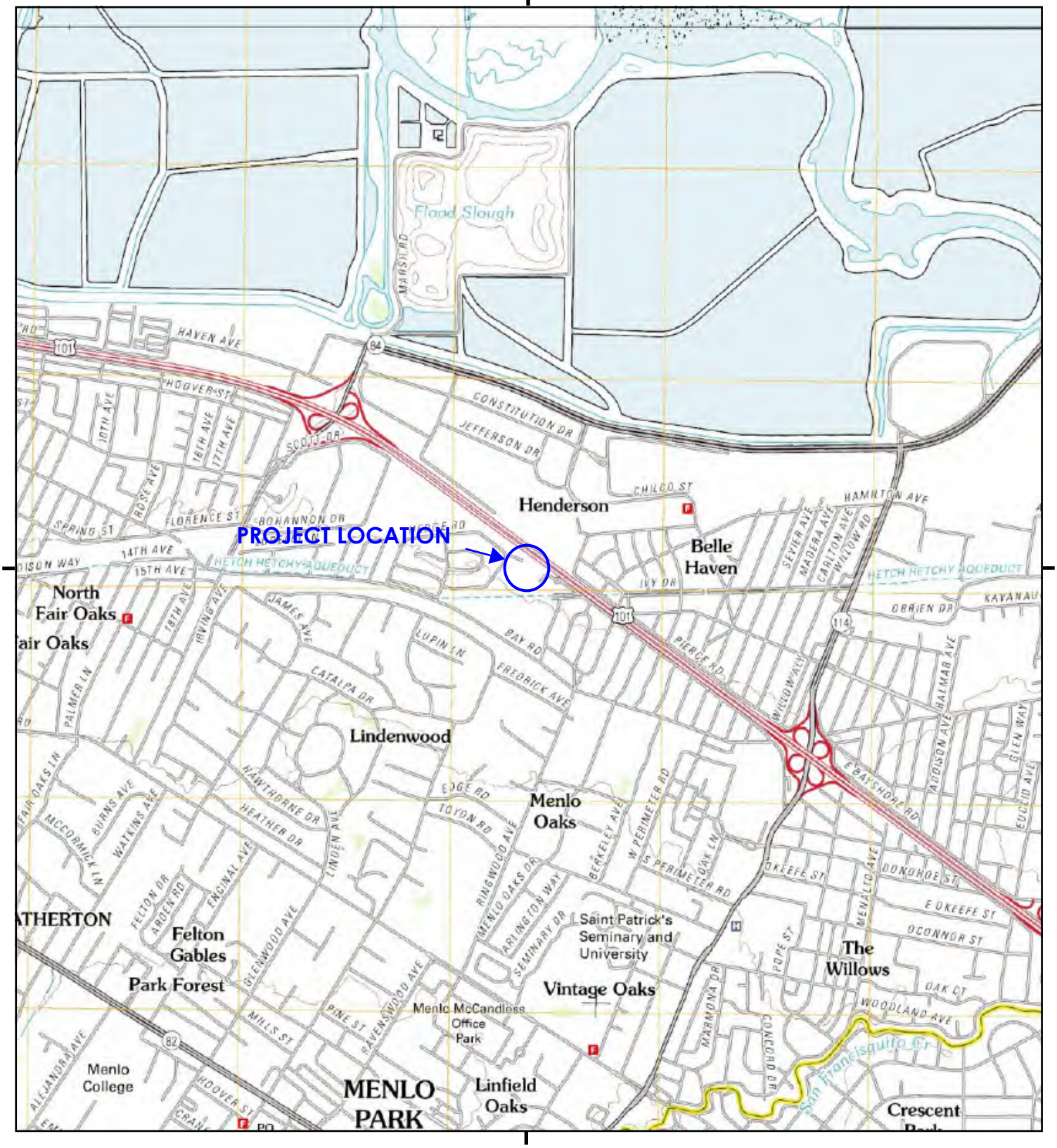
A857

SITE NAME: 320 Sheridan Drive
ADDRESS: 320 Sheridan Drive
Menlo Park, CA 94025
CLIENT: Citadel Environmental Services

N

Historical Topo Map

2012



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

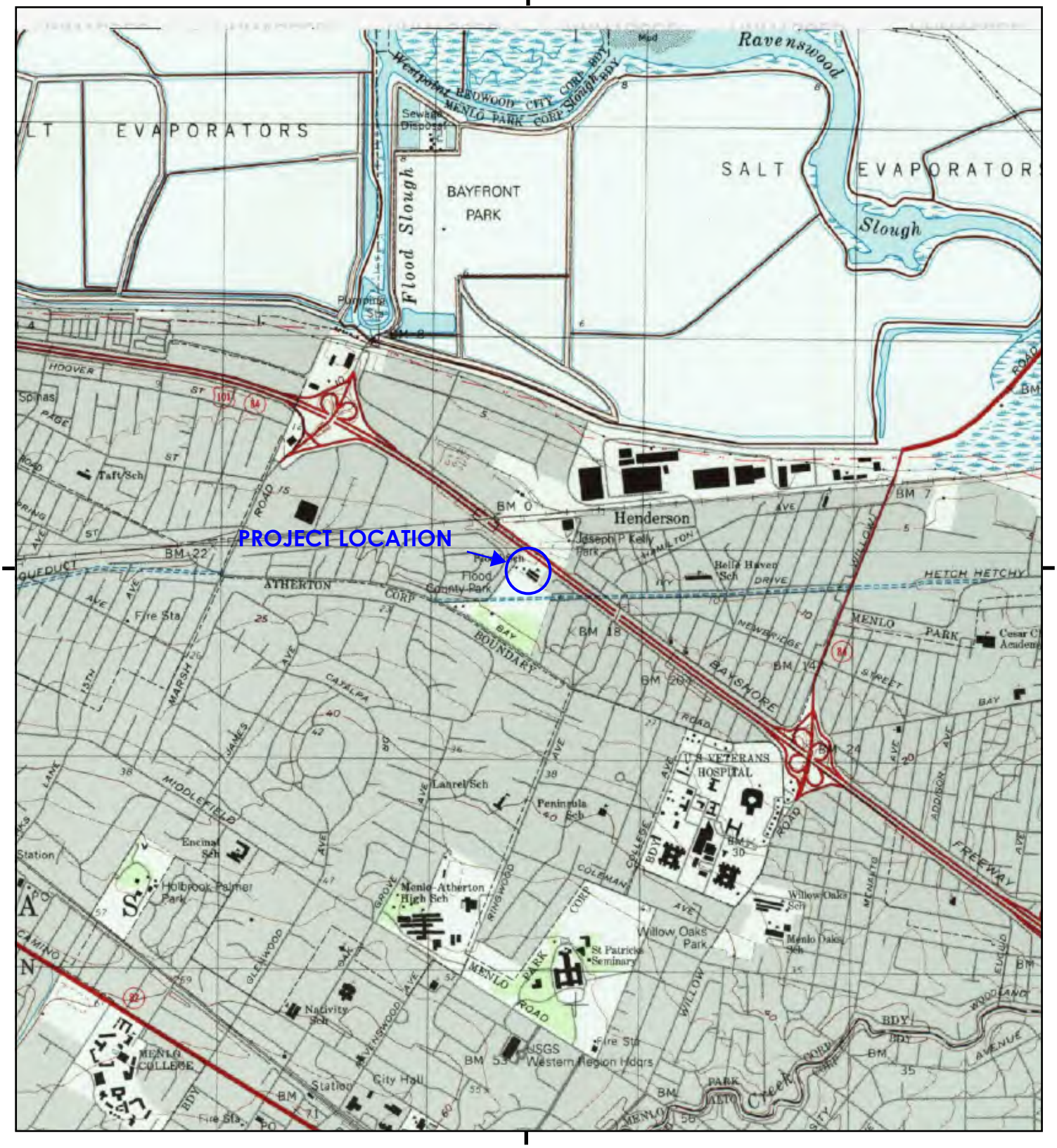
NW N NE
W E
SW S SE

TP, Palo Alto, 2012, 7.5-minute
N, Redwood Point, 2012, 7.5-minute

A858

SITE NAME: 320 Sheridan Drive
ADDRESS: 320 Sheridan Drive
Menlo Park, CA 94025
CLIENT: Citadel Environmental Services

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

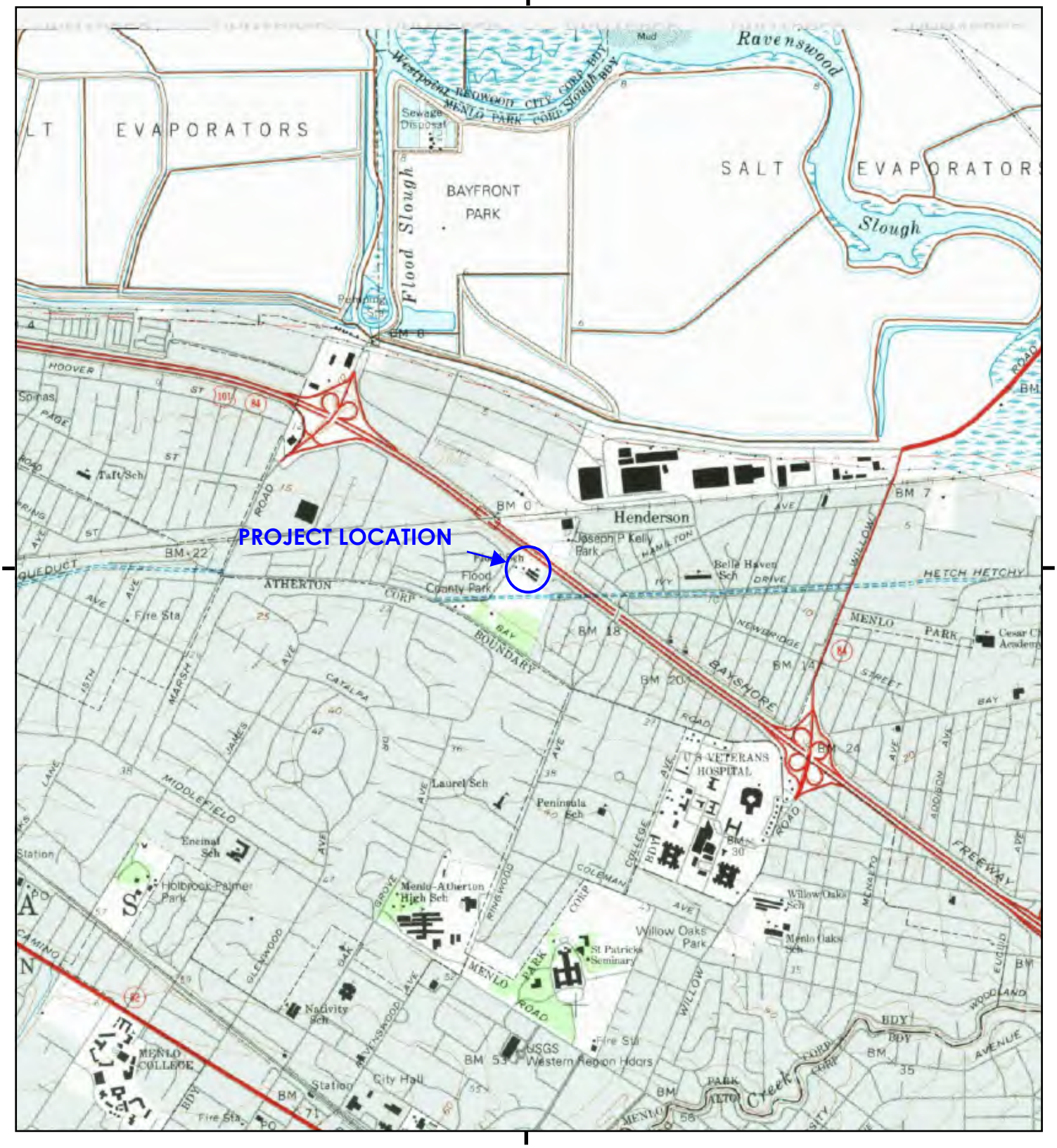
NW N NE
W E
SW S SE

TP, Palo Alto, 1999, 7.5-minute

A859

SITE NAME: 320 Sheridan Drive
ADDRESS: 320 Sheridan Drive
Menlo Park, CA 94025
CLIENT: Citadel Environmental Services

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

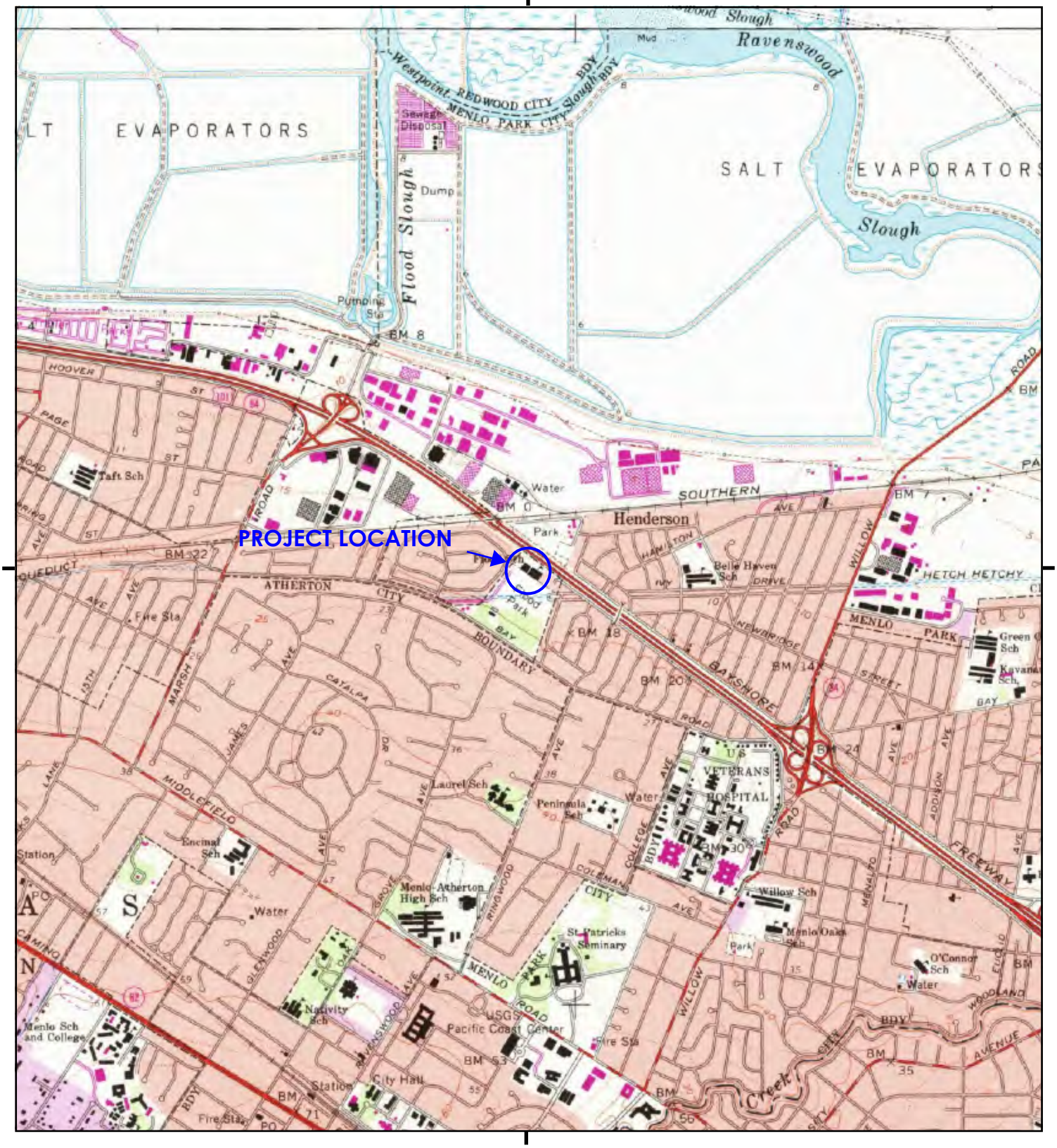
NW N NE
W E
SW S SE

A860

TP, Palo Alto, 1994, 7.5-minute

SITE NAME: 320 Sheridan Drive
ADDRESS: 320 Sheridan Drive
Menlo Park, CA 94025
CLIENT: Citadel Environmental Services

N



This report includes information from the following map sheet(s).

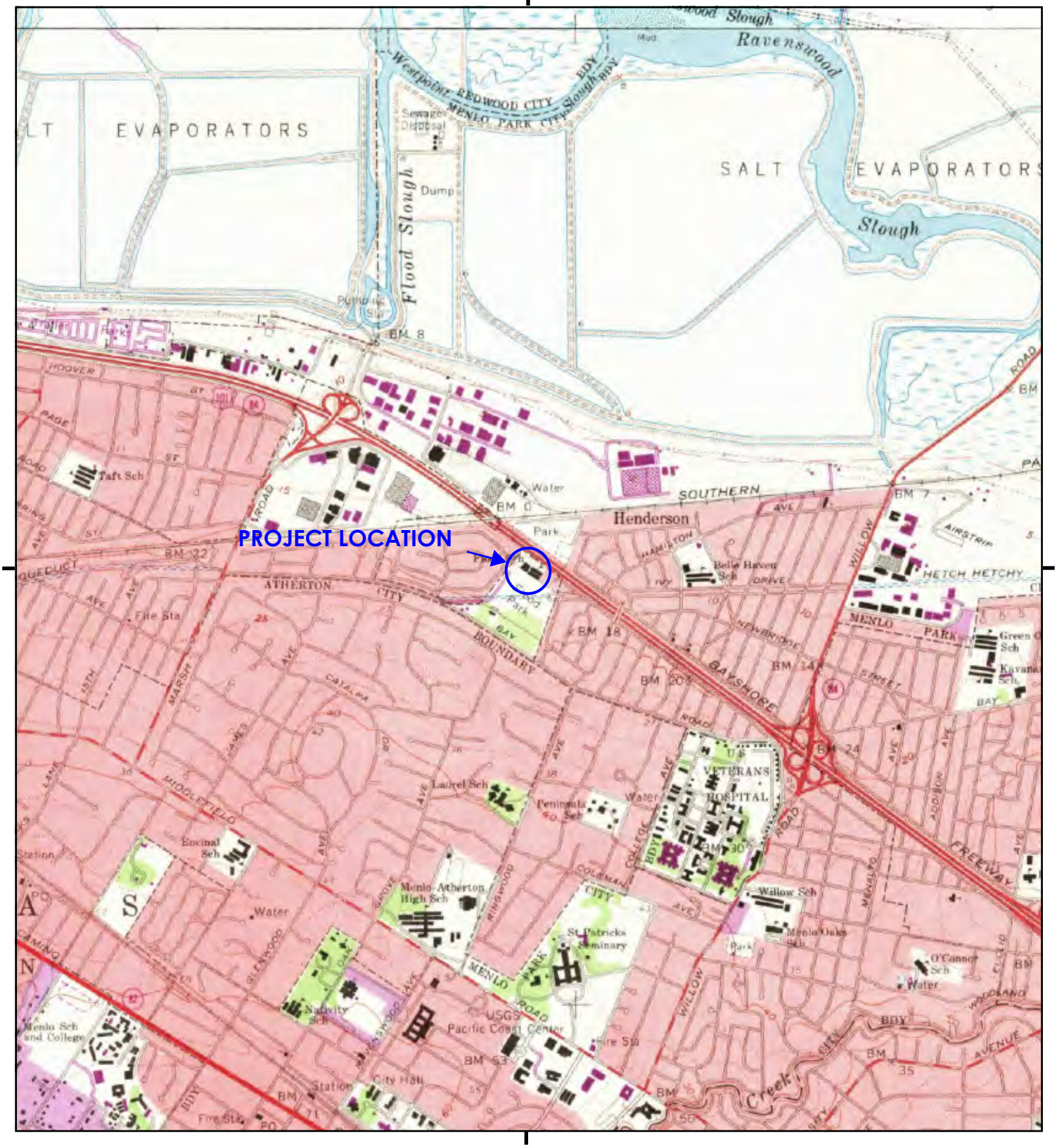
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE
A861

TP, Palo Alto, 1973, 7.5-minute
N, Redwood Point, 1973, 7.5-minute

SITE NAME: 320 Sheridan Drive
ADDRESS: 320 Sheridan Drive
Menlo Park, CA 94025
CLIENT: Citadel Environmental Services

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

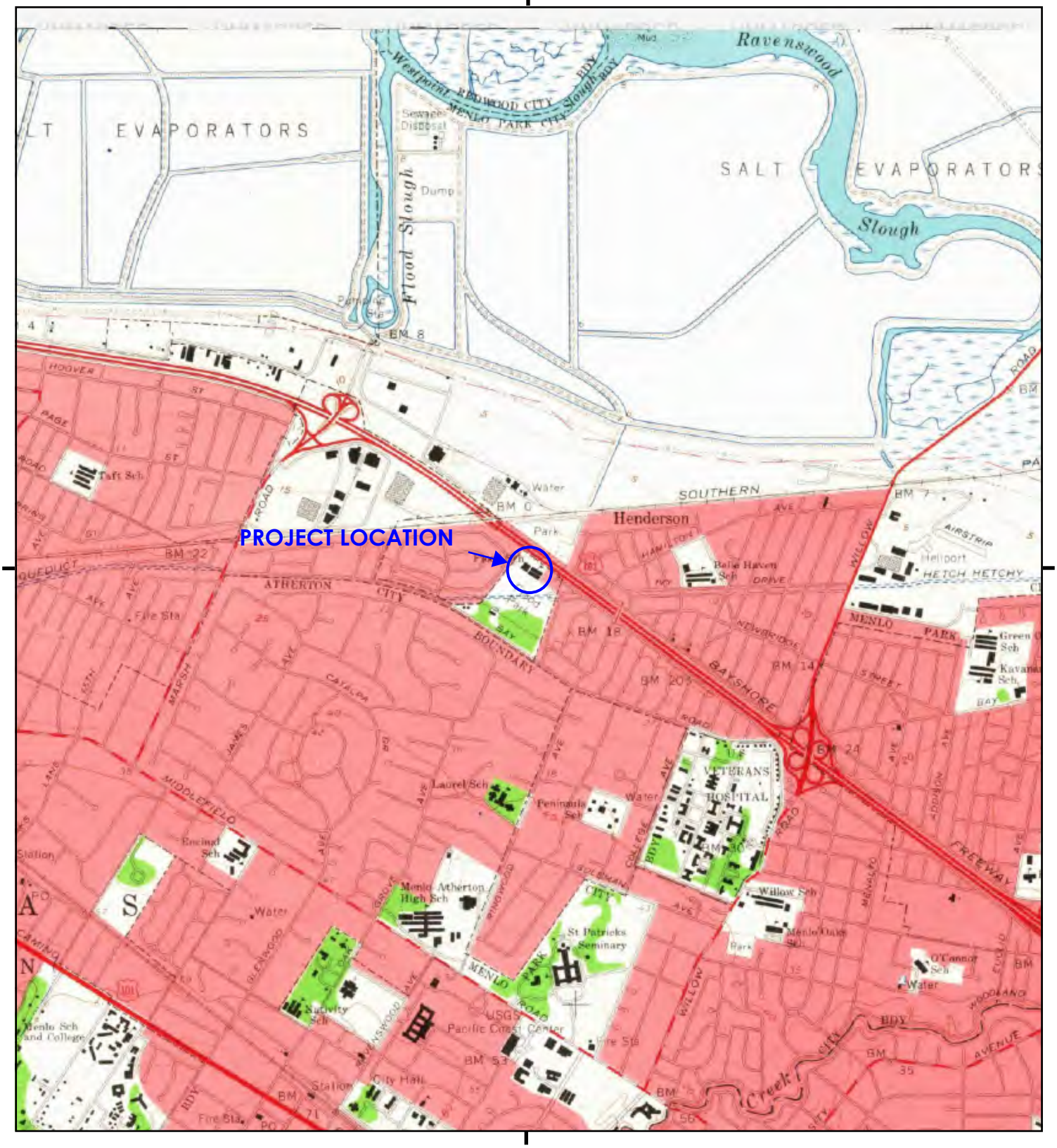
NW N NE
W E
SW S SE

TP, Palo Alto, 1968, 7.5-minute
N, Redwood Point, 1968, 7.5-minute

A862

SITE NAME: 320 Sheridan Drive
ADDRESS: 320 Sheridan Drive
Menlo Park, CA 94025
CLIENT: Citadel Environmental Services

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

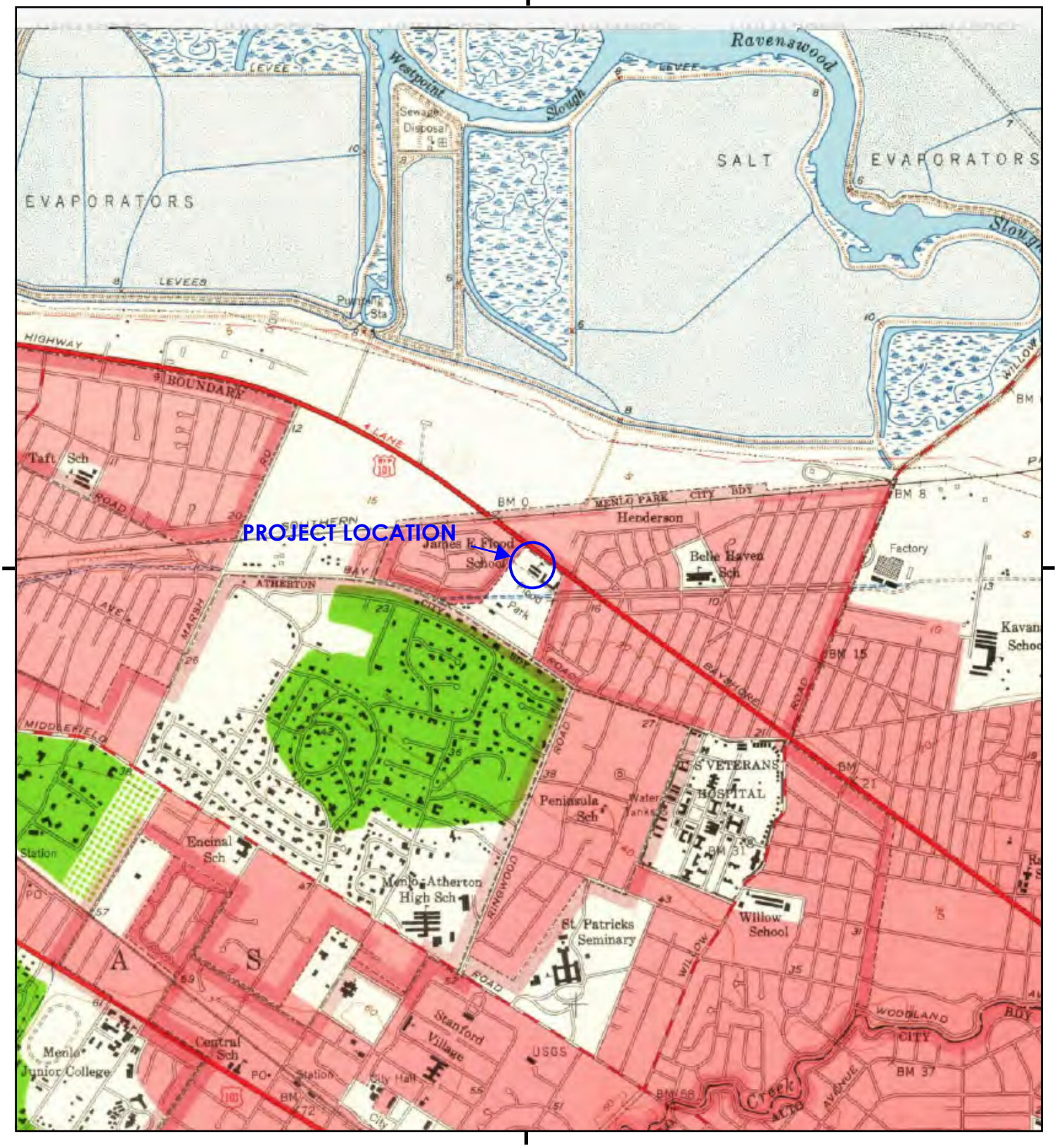
NW N NE
W E
SW S SE

TP, Palo Alto, 1961, 7.5-minute

A863

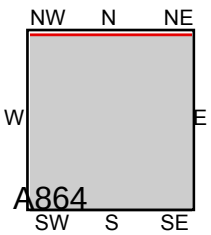
SITE NAME: 320 Sheridan Drive
ADDRESS: 320 Sheridan Drive
Menlo Park, CA 94025
CLIENT: Citadel Environmental Services

N



This report includes information from the following map sheet(s).

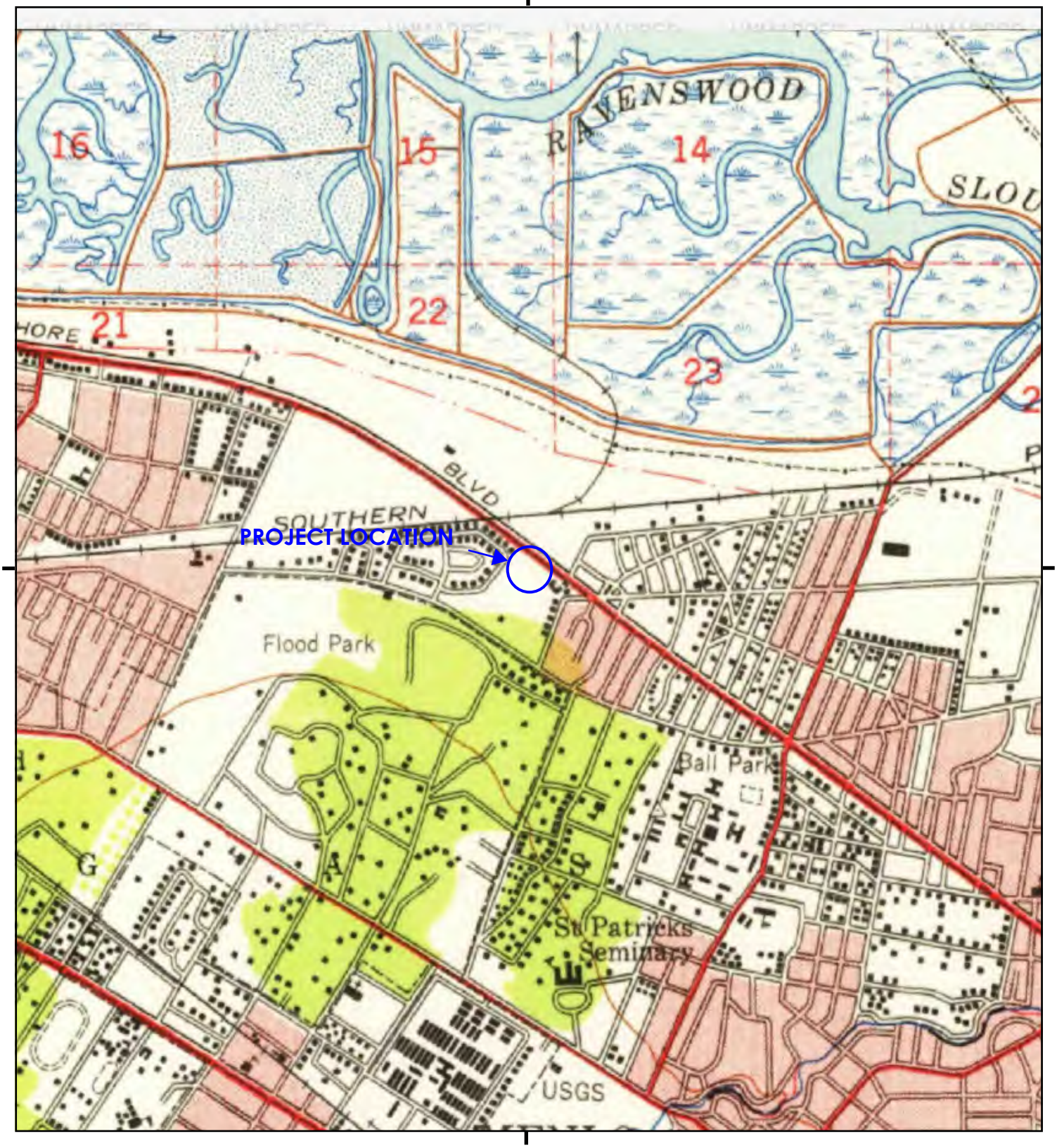
0 Miles 0.25 0.5 1 1.5



TP, Palo Alto, 1953, 7.5-minute

SITE NAME: 320 Sheridan Drive
ADDRESS: 320 Sheridan Drive
Menlo Park, CA 94025
CLIENT: Citadel Environmental Services

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

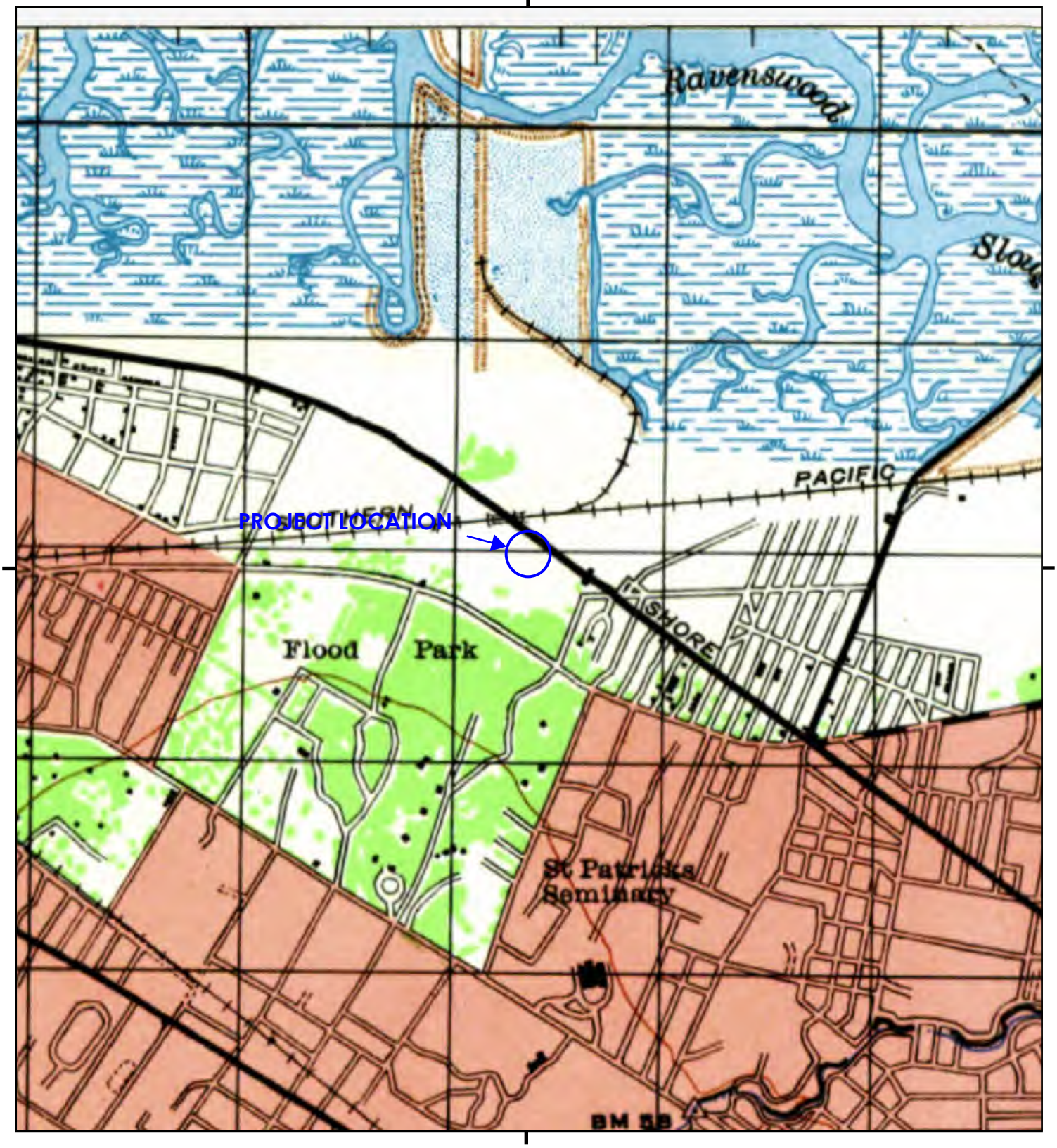
NW N NE
W E
SW S SE

TP, Palo Alto, 1948, 15-minute

A865

SITE NAME: 320 Sheridan Drive
ADDRESS: 320 Sheridan Drive
Menlo Park, CA 94025
CLIENT: Citadel Environmental Services

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

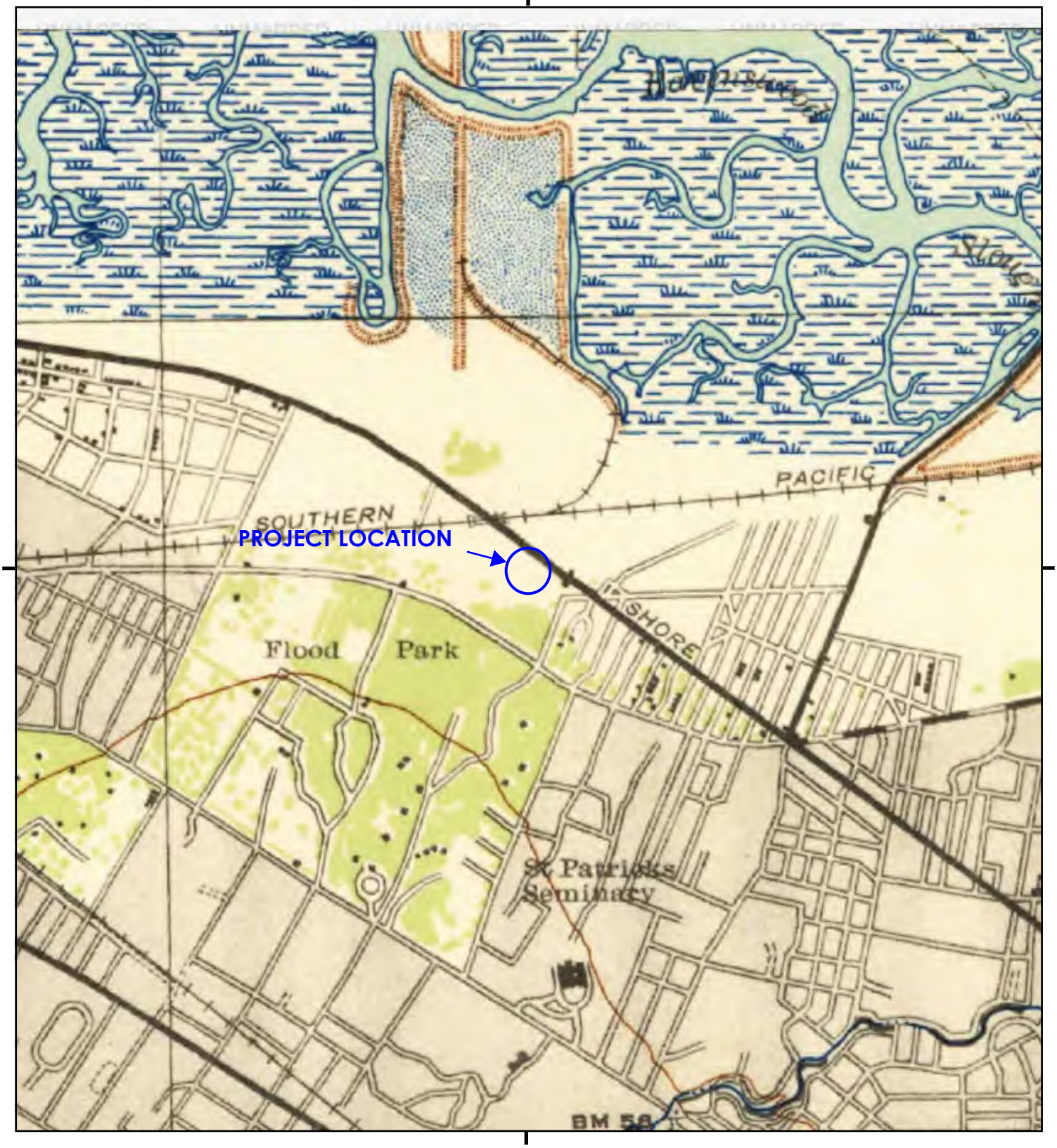
NW N NE
W E
SW S SE

TP, PALO ALTO, 1947, 15-minute

A866

SITE NAME: 320 Sheridan Drive
ADDRESS: 320 Sheridan Drive
Menlo Park, CA 94025
CLIENT: Citadel Environmental Services

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

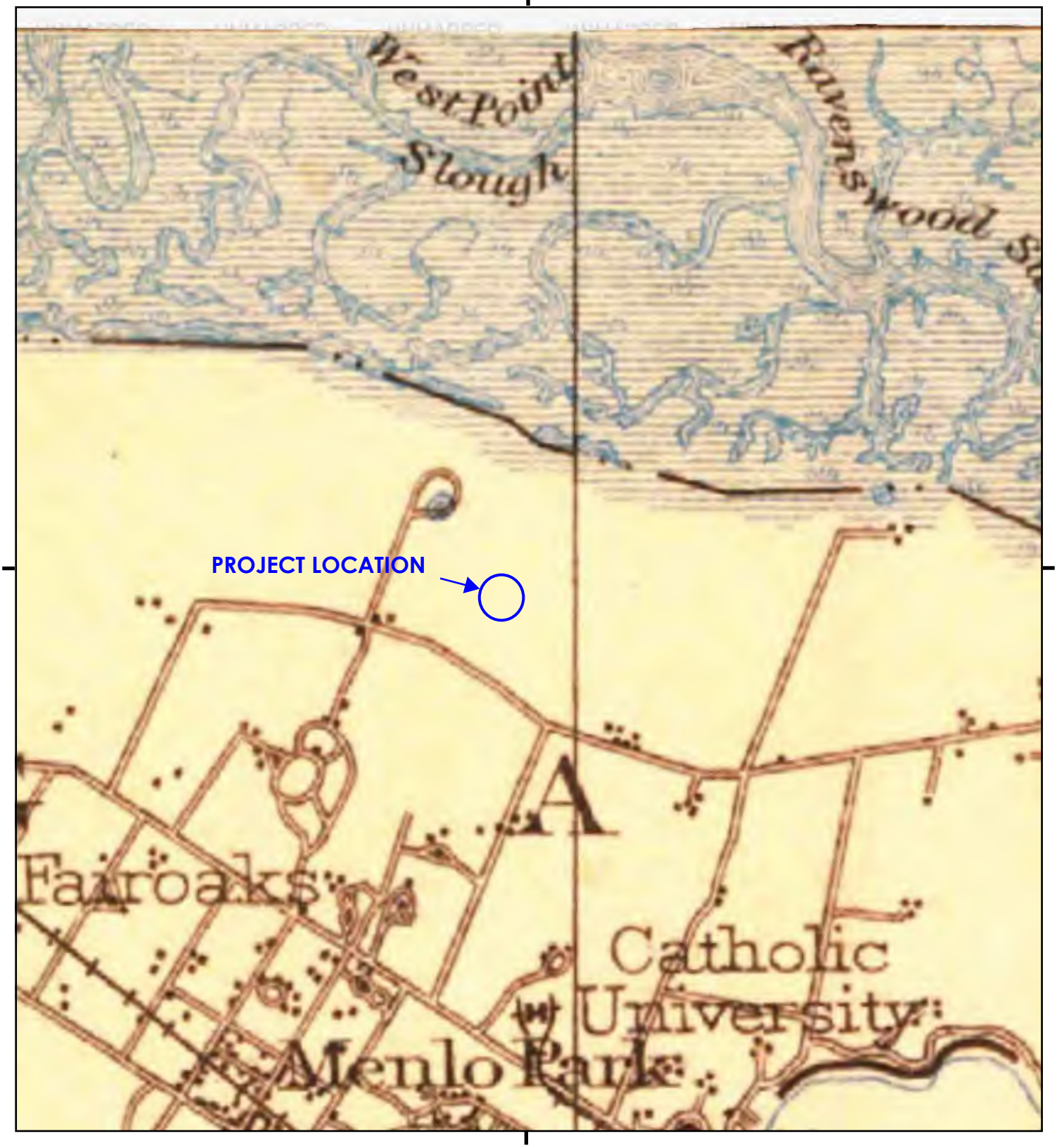
NW N NE
W E
SW S SE

TP, Palo Alto, 1943, 15-minute

A867

SITE NAME: 320 Sheridan Drive
ADDRESS: 320 Sheridan Drive
Menlo Park, CA 94025
CLIENT: Citadel Environmental Services

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

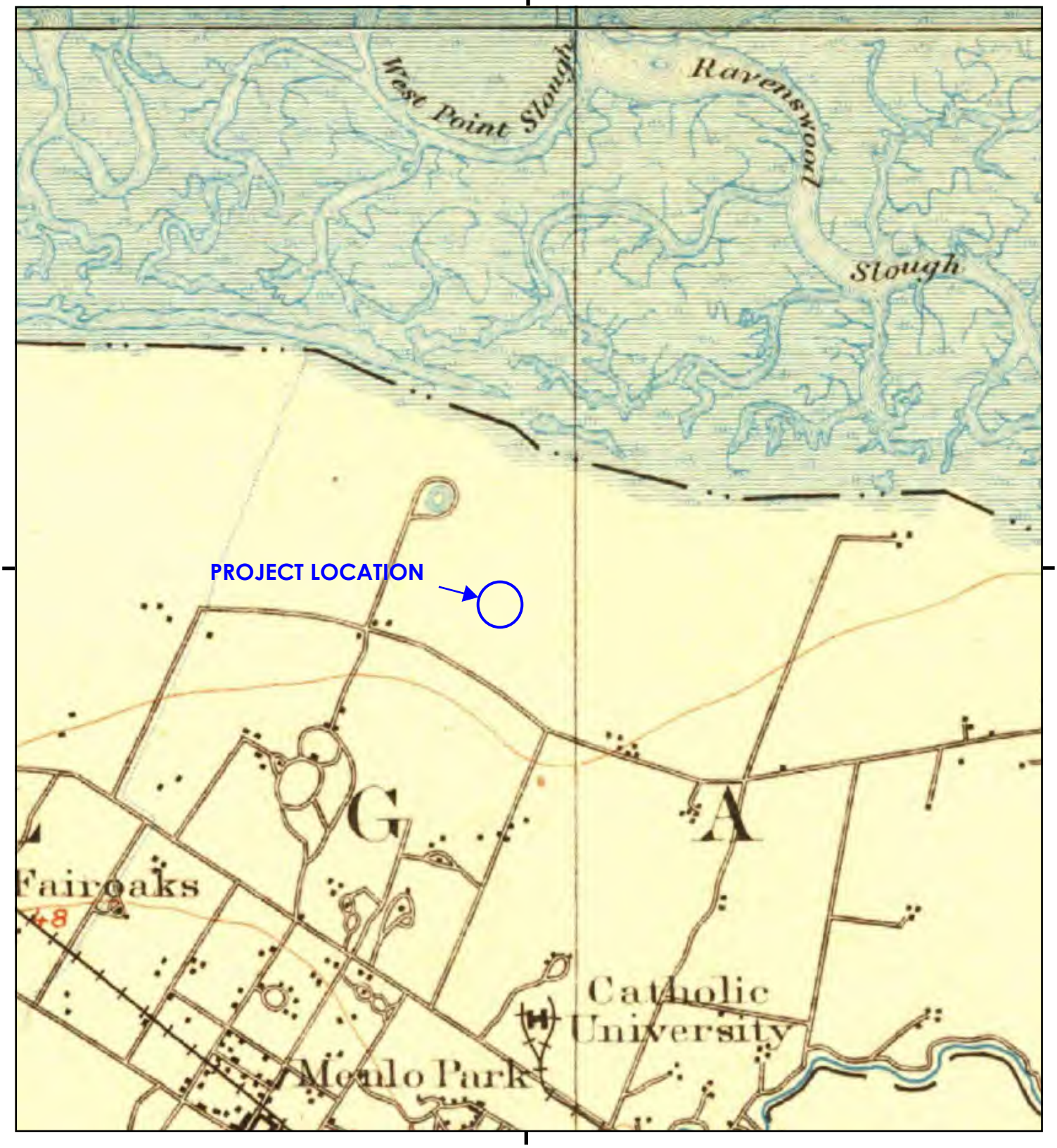
NW N NE
W E
SW S SE

TP, Santa Cruz, 1902, 30-minute

A868

SITE NAME: 320 Sheridan Drive
ADDRESS: 320 Sheridan Drive
Menlo Park, CA 94025
CLIENT: Citadel Environmental Services

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE
A869

TP, Palo Alto, 1899, 15-minute
N, Haywards, 1899, 15-minute

SITE NAME: 320 Sheridan Drive
ADDRESS: 320 Sheridan Drive
Menlo Park, CA 94025
CLIENT: Citadel Environmental Services

N

This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Palo Alto, 1897, 15-minute

A870

SITE NAME: 320 Sheridan Drive
ADDRESS: 320 Sheridan Drive
Menlo Park, CA 94025
CLIENT: Citadel Environmental Services

N

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Appendix I
User Questionnaire

A871

DATE SENT: _____ DATE DUE: _____

HOW SENT (Circle): Fax / Email FAX / EMAIL: _____

User Questionnaire	
Client	Alliant Strategic Development
Contact Name	Scott Nakaatari
Contact Title	Senior Vice President, Development
Phone/Fax/Email	(818) 737-8144/ scott.n@alliantstrategicdev.com
Completed by?	Thomas Atlee
Response Date	4/18/2023
Form of Response	Email
Current Use of the Property	Vacant Land
Reason for Performing Phase I	Due Diligence for Development of a multifamily building

Please include the name of the Companies who provide your utilities, so we can contact each agency:

Utilities	
Electricity	PG&E
Natural Gas	PG&E
Sewage	West Bay Sanitary District
Sanitary Sewerage	West Bay Sanitary District
Solid Waste Removal	Recology San Mateo County
Fuel Oil	
Steam	

Please include the Name and Company of Each of the following individuals:

User	Name	Company
Key Site Manager	**Delma Maciel**	**Ravenswood Unified School District**
Current Property Owner		**Ravenswood Unified School District**
Current Property Owner Representative	**Delma Maciel**	**Ravenswood Unified School District**
Occupants	**N/a**	
Major Occupants	**N/a**	
Current Operator Name	**N/a**	
Past Property Owner(s)	**Unknown**	
Past Property Owner Representative(s)	**Unknown**	
Other Past Property Owner(s)	**Unknown**	
Past Operator Name(s)	**Unknown**	
Past Occupant(s)	**Unknown**	
Past Major Occupant(s)	**Unknown**	
Broker(s)	**Tatiana Hodapp**	**JLL**
Property Manager	**Unknown**	
Building Engineer	**N/a**	
Other		

TITLE & JUDICIAL RECORDS

Per ASTM E 1527-13 Section 6.2, the User is required to provide and/or report to the environmental professional any title and/or judicial records so identified for the subject property.

Please provide any information on title and/or judicial records:

ENVIRONMENTAL LIENS OR ACTIVITY AND USE LIMITATIONS

Per ASTM E 1527-13 the User is required to provide and/or report to the environmental professional any environmental liens or AULs so identified for the subject property. The environmental professional per the ASTM practice is not responsible to undertake a review of information to identify environmental liens or AULs.

Please provide any information on environmental liens or activity and use limitations (AULs):

SPECIALIZED OR ACTUAL KNOWLEDGE OF USER

Per the ASTM standard, it is the User's responsibility to communicate to the environmental professional any information that is material to recognized environmental conditions in connection with the subject property based on such specialized knowledge, actual knowledge, experience, or commonly known and reasonably ascertainable information within the local community.

Please provide any information of the following items:

ASTM Scope Item	Property Contact Aware of them (Y/N)	Comment
USTs	N	
ASTs	N	
PCB Electrical Equipment	N	
Hydraulic Equipment	N	
Chemicals, Hazardous Materials, and Raw Materials Storage and Usage	N	
Waste Generation, Storage and Disposal	N	
Wells, Sumps, Pits, and Floor Drains	N	
Stormwater Runoff and Surface Water	N	
Lagoons, Septic Systems, Wastewater Treatment, and Separators	N	
Stressed Vegetation, Staining and Odors	N	
Surficial Disturbances	N	
On-Property Dry Cleaners	N	

NON-ASTM Scope Item	Property Contact Aware of them (Y/N)	Comment
Asbestos Containing Materials	N	
Radon	N	
Lead-Based Paint	N	
Lead in Drinking Water	N	
Potable Well	N	
Potential Wetlands	N	
Air Emissions	N	
Mold/Water Intrusion	N	

Please refer to "Helpful Documents" section below to provide any relevant reports associated with the above items.

VALUATION REDUCTION FOR ENVIRONMENTAL ISSUES

(For Property Owner) Per the ASTM standard, in a transaction involving the purchase of a parcel of commercial real estate, the user shall consider the relationship of the purchase price of the property to the fair market value of the property if the property was not affected by hazardous substances or petroleum products. The User should try to identify an explanation for a significantly lower price which does not reasonably reflect fair market value if the property was not contaminated, and make a written record of such explanation. The ASTM standard does not require that a real estate appraisal be obtained in order to ascertain fair market value of the property.

PROCEEDINGS INVOLVING THE PROPERTY

Per the ASTM standard, prior to the site visit, the User (if different from the property owner), Key site manager (if any is identified), and property owner shall be asked whether they know of (1) any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, or from the property; (2) any notices from any governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products.

- **Do you know of any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, or from the property? No**
  If yes, please explain:

- **Do you know of any notices from any governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products? No.**
  If yes, please explain:

HELPFUL DOCUMENTS

Per the ASTM Standard, Prior to the property visit, the Property owner, key site manager (if any is identified), and User (if different from the property owner) shall be asked if they know whether any of the documents below exist and if so, whether copies can and will be provided within reasonable time and cost constraints:

	User		Key Site Manager		Property Owner	
	Exist	**Provided**	**Exist**	**Provided**	**Exist**	**Provided**
ESA Reports	**Unknown**					
Environmental Compliance Audit Reports	**Unknown**					
Environmental Permits UST/AST Registrations	**Unknown**					
Underground Injection Permits	**Unknown**					
MSDS's	**Unknown**					
Community Right-to-know plan	**Unknown**					
Safety Plans	**Unknown**					
SPCC Plans	**Unknown**					
Emergency Preparedness and prevention plans	**Unknown**					
Hydrogeologic reports	**Unknown**					
Government Agency Correspondence and violations	**Unknown**					
Hazardous Waste Generator Notices or reports	**Unknown**					
Geotechnical studies	**Unknown**					
Risk Assessments	**Unknown**					
Recorded AULs	**Unknown**					
Environmental Liens	**Unknown**					
Other						

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Appendix J
EDR Environmental Lien and AUL Search

320 SHERIDAN DRIVE
320 SHERIDAN DRIVE
MENLO PARK, CA 94025

Inquiry Number: 7302428.7S
APRIL 10, 2023

EDR Environmental Lien and AUL Search

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Environmental Lien and AUL Search

The EDR Environmental Lien Search Report provides results from a search of available current land title records for environmental cleanup liens and other activity and use limitations, such as engineering controls and institutional controls.

A network of professional, trained researchers, following established procedures, uses client supplied address information to:

- search for parcel information and/or legal description;
- search for ownership information;
- research official land title documents recorded at jurisdictional agencies such as recorders' offices, registries of deeds, county clerks' offices, etc.;
- access a copy of the deed;
- search for environmental encumbering instrument(s) associated with the deed;
- provide a copy of any environmental encumbrance(s) based upon a review of key words in the instrument(s) (title, parties involved, and description); and
- provide a copy of the deed or cite documents reviewed.

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

EDR Environmental Lien and AUL Search

TARGET PROPERTY INFORMATION

ADDRESS

320 SHERIDAN DRIVE

320 SHERIDAN DRIVE

MENLO PARK, CA 94025

RESEARCH SOURCE

JUDICIAL RECORDS ***NOT*** SEARCHED. BASED ON AVAILABLE INFORMATION EVALUATED BY THE TITLE SEARCH PROFESSIONAL, THE JURISDICTION ***DOES NOT*** REQUIRE A SEARCH OF JUDICIAL RECORDS IN ORDER TO IDENTIFY ENVIRONMENTAL LIENS.

Source 1: SAN MATEO COUNTY RECORDER'S OFFICE

Source 2: CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY

Source 3: UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

PROPERTY INFORMATION

Legal Description:	2.496 AC MOL ON SWLY LN OF BAYSHORE FREEWAY LYING SELY & ADJ TO BLKS 1 & 6 SUBURBAN PARK ACREAGE CITY OF MENLO PARK
Current Owner:	RAVENSWOOD ELEMENTARY SCHOOL DISTRICT
Property Identifiers:	055-303-110
Comments:	DEED IS RECORDED PRIOR TO 1980 NO DEED FOUND 1980 - PRESENT.

EDR Environmental Lien and AUL Search

ENVIRONMENTAL LIEN

Environmental Lien: Found ☐ Not Found ☒

Comments: NONE IDENTIFIED.

OTHER ACTIVITY AND USE LIMITATIONS (AULS)

Other AUL's: Found ☐ Not Found ☒

Comments: NONE IDENTIFIED.

MISCELLANEOUS

Comments: NONE IDENTIFIED.

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Appendix K
EDR Radius Map Report

A883

320 Sheridan Drive
320 Sheridan Drive
Menlo Park, CA 94025

Inquiry Number: 7302428.2s
April 07, 2023

The EDR Radius Map™ Report with GeoCheck®

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

A884

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Detail Map	3
Map Findings Summary	4
Map Findings	9
Orphan Summary	360
Government Records Searched/Data Currency Tracking	GR-1

GEOCHECK ADDENDUM

Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting SSURGO Soil Map	A-6
Physical Setting Source Map	A-11
Physical Setting Source Map Findings	A-13
Physical Setting Source Records Searched	PSGR-1

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

320 SHERIDAN DRIVE
MENLO PARK, CA 94025

COORDINATES

Latitude (North):	37.4768830 - 37° 28' 36.77''
Longitude (West):	122.1702610 - 122° 10' 12.93''
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	573365.8
UTM Y (Meters):	4147895.5
Elevation:	19 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	12016467 PALO ALTO, CA
Version Date:	2018

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20140608
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
320 SHERIDAN DRIVE
MENLO PARK, CA 94025

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	RWCSD-JAMES FLOOD MA	320 SHERIDAN DR	HAZNET, HWTS		TP
A2	RAVENSWOOD CITY SCH	320 SHERIDAN DR	HWTS		TP
A3	EPA ACADEMY ELEMENTA	320 SHERIDAN	San Mateo Co. BI		TP
B4	PG&E: BELLE HAVEN SU	BEHIND 1101 DEL NORT	San Mateo Co. BI	Lower	366, 0.069, East
B5	PACIFIC GAS AND ELEC	BEHIND 1101A DEL NOR	RCRA NonGen / NLR	Lower	366, 0.069, East
6	GARY BARTLETT	239 OAKHURST PLACE	RCRA NonGen / NLR	Higher	576, 0.109, WNW
7	ROWE, KATIE	1055 DEL NORTE AVE	RCRA NonGen / NLR	Higher	580, 0.110, SSE
C8	MENLO PARK SENIOR CE	110 TERMINAL	San Mateo Co. BI	Lower	805, 0.152, NE
C9	CITY OF MENLO PARK	100 TERMINAL AVE	RCRA NonGen / NLR	Lower	816, 0.155, NE
C10	EPISCOPAL HOMES FOUN	100 TERMINAL	San Mateo Co. BI	Lower	816, 0.155, NE
C11	RAVENSWOOD FAMILY HL	100 TERMINAL	San Mateo Co. BI	Lower	816, 0.155, NE
C12	BELLE HAVEN POOL	100 TERMINAL	San Mateo Co. BI	Lower	816, 0.155, NE
C13	CITY OF MENLO PARK	100 TERMINAL AVE.	RCRA NonGen / NLR	Lower	816, 0.155, NE
C14	BELLE HAVEN COMMUNIT	100 TERMINAL	San Mateo Co. BI	Lower	816, 0.155, NE
15	LISSA ZELAYA	1068 TEHAMA AVENUE	RCRA NonGen / NLR	Higher	842, 0.159, SE
16	MIKE WESCOTT	235 HEDGE ROAD	RCRA NonGen / NLR	Lower	856, 0.162, NW
D17	GUINNESS UDV NORTH A	151 COMMONWEALTH DR	RCRA-SQG, LUST, HIST UST, CA FID UST, FINDS, ECHO,...	Lower	1020, 0.193, NNW
D18	HEUBLEIN INC	151 COMMONWEALTH DRI	HIST UST, HAZNET, HWTS	Lower	1020, 0.193, NNW
D19	DIAGED NORTH AMERICA	151 COMMONWEALTH DRI	LUST, SWEEPS UST, San Mateo Co. BI, EMI, HIST...	Lower	1020, 0.193, NNW
E20	FLOOD PARK (SMCO)	215 BAY	LUST, HIST UST, Cortese, CERS	Higher	1104, 0.209, WSW
E21	FLOOD PARK SMCO	UNKNOWN BAY RD	HIST CORTESE	Higher	1104, 0.209, WSW
E22	LARS BACKSTRONG AND	272 GREENOAKS DR	RCRA NonGen / NLR	Higher	1290, 0.244, WSW
23	MAYA KHANEBOUBI	153 BAY ROAD	RCRA NonGen / NLR	Higher	1302, 0.247, WSW
24	EXPONENT INC	149 COMMONWEALTH	LUST, CPS-SLIC, San Mateo Co. BI, HIST CORTESE,...	Lower	1550, 0.294, NW
F25	THEME PARTY PRODUCTI	165 JEFFERSON DR	CPS-SLIC, HWTS	Lower	1737, 0.329, NNW
F26	MENLO FLATS	165 JEFFERSON DRIVE	BROWNFIELDS	Lower	1737, 0.329, NNW
G27	MENLO PARK WEST CAMP	312-314 CONSTITUTION	ENVIROSTOR, VCP, DEED	Lower	1863, 0.353, NNE
G28	TE CONNECTIVITY LTD	305 CONSTITUTION DR.	CORRACTS, RCRA-TSDF, US INST CONTROLS, RCRA NonGen	Lower	1902, 0.360, NNE
H29	ELECTRICAL WIRE PROD	150 JEFFERSON DR	ENVIROSTOR, SCH, RCRA NonGen / NLR, FINDS, ECHO,...	Lower	1980, 0.375, NNW
30	RAYCHEM CORPORATION	135 COMMONWEALTH	LUST, CPS-SLIC, San Mateo Co. BI, CERS	Lower	1992, 0.377, NW
31	TERMINAL AVE HOUSING	297 TERMINAL AVENUE	LUST, CPS-SLIC, CERS	Lower	1994, 0.378, ENE
I32	MENLOTECH INC	188 CONSTITUTION DR	RCRA-SQG, ENVIROSTOR, LUST, CPS-SLIC, HIST UST,...	Lower	2072, 0.392, North
I33	MENLO TECH INC.	188 CONSTITUTION DR	SEMS	Lower	2072, 0.392, North
H34	MENLO UPTOWN	141 JEFFERSON DRIVE	BROWNFIELDS	Lower	2092, 0.396, NNW
H35	MENLO UPTOWN	141 JEFFERSON DRIVE	CPS-SLIC	Lower	2092, 0.396, NNW
J36	BAY ASSOCIATES	1150 CHRYSLER	LUST, San Mateo Co. BI, Cortese, HIST CORTESE,...	Lower	2278, 0.431, NW
37	UPRR EASEMENT, FORME	1470 CHILCO	LUST, CPS-SLIC, CERS	Lower	2387, 0.452, ENE
K38	KNAPPKINS	4055 BOHANNON	LUST, San Mateo Co. BI, Cortese	Higher	2414, 0.457, WNW
K39	KNAPPKINS	4055 BOHANNON	LUST, HIST CORTESE, CERS	Higher	2414, 0.457, WNW

MAPPED SITES SUMMARY

Target Property Address:
320 SHERIDAN DRIVE
MENLO PARK, CA 94025

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
L40	TE CONECTIVITY	305 CONSTITUTION DR	SEMS-ARCHIVE, ENVIROSTOR, HIST UST, DEED, CHMIRS,...	Lower	2420, 0.458, NE
L41	FACEBOOK MPK 23	300 CONSTITUTION	CPS-SLIC, San Mateo Co. BI	Lower	2420, 0.458, NE
L42	TE CONNECTIVITY	300 CONSTITUTION DR	HIST UST, DEED, EMI, HWP, CERS	Lower	2420, 0.458, NE
J43	KREBS ENGINEERS	1205 CHRYSLER DR	CPS-SLIC, San Mateo Co. BI, HIST CORTESE, CERS	Lower	2426, 0.459, NW
44	NICHOLSON CO	931 MENLO OAKS	LUST, San Mateo Co. BI	Higher	2493, 0.472, SSE
K45	PHARM CHEM LABORATOR	3925 BOHANNON DRIVE	RCRA-SQG, CPS-SLIC, FINDS, ECHO, San Mateo Co. BI	Higher	2528, 0.479, WNW
K46	PHARM CHEM LABS INC	3925 BOHANNON DR	LUST, CPS-SLIC, CERS	Higher	2528, 0.479, WNW
M47	SUNSET HEATING AND A	507 HAMILTON	LUST, Cortese, CERS	Lower	2575, 0.488, ENE
M48	SUNSET HEATING AND A	511 HAMILTON	LUST, CPS-SLIC, HIST UST, CERS	Lower	2633, 0.499, ENE
49	SEIBERT, J., MACHINE	119 INDEPENDENCE DR.	ENVIROSTOR, San Mateo Co. BI	Lower	3056, 0.579, NW
50	FORMER GAS STATION	955 MARSH ROAD	Notify 65	Higher	4794, 0.908, West
51	WILLOW OFFICE PARK	1350-1390 WILLOW RD.	ENVIROSTOR, VCP	Lower	5054, 0.957, East
52	SANFORD METAL PROCES	990 O BRIEN DR	RCRA-LQG, ENVIROSTOR	Lower	5175, 0.980, East

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 9 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
RWCSD-JAMES FLOOD MA 320 SHERIDAN DR MENLO PARK, CA 94025	HAZNET GEPAID: CAC002573413 HWTS	N/A
RAVENSWOOD CITY SCH 320 SHERIDAN DR MENLO PARK, CA 94025	HWTS	N/A
EPA ACADEMY ELEMENTA 320 SHERIDAN MENLO PARK, CA 94025	San Mateo Co. BI Facility Id: FA0024436	N/A

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

NPL ---------- National Priority List
Proposed NPL ---------- Proposed National Priority List Sites
NPL LIENS ---------- Federal Superfund Liens

Lists of Federal Delisted NPL sites

Delisted NPL ---------- National Priority List Deletions

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY ---------- Federal Facility Site Information listing

Lists of Federal RCRA generators

RCRA-LQG ---------- RCRA - Large Quantity Generators
RCRA-VSQG ---------- RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

EXECUTIVE SUMMARY

Federal institutional controls / engineering controls registries

LUCIS ---- Land Use Control Information System
US ENG CONTROLS ---- Engineering Controls Sites List

Federal ERNS list

ERNS ---- Emergency Response Notification System

Lists of state- and tribal (Superfund) equivalent sites

RESPONSE ---- State Response Sites

Lists of state and tribal landfills and solid waste disposal facilities

SWF/LF ---- Solid Waste Information System

Lists of state and tribal leaking storage tanks

INDIAN LUST ---- Leaking Underground Storage Tanks on Indian Land

Lists of state and tribal registered storage tanks

FEMA UST ---- Underground Storage Tank Listing
UST ---- Active UST Facilities
AST ---- Aboveground Petroleum Storage Tank Facilities
INDIAN UST ---- Underground Storage Tanks on Indian Land

Lists of state and tribal voluntary cleanup sites

INDIAN VCP ---- Voluntary Cleanup Priority Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS ---- A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT ---- Waste Management Unit Database
SWRCY ---- Recycler Database
HAULERS ---- Registered Waste Tire Haulers Listing
INDIAN ODI ---- Report on the Status of Open Dumps on Indian Lands
DEBRIS REGION 9 ---- Torres Martinez Reservation Illegal Dump Site Locations
ODI ---- Open Dump Inventory
IHS OPEN DUMPS ---- Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL ---- Delisted National Clandestine Laboratory Register
HIST Cal-Sites ---- Historical Calsites Database
SCH ---- School Property Evaluation Program

CDL ---- Clandestine Drug Labs
CERS HAZ WASTE ---- CERS HAZ WASTE
Toxic Pits ---- Toxic Pits Cleanup Act Sites
US CDL ---- National Clandestine Laboratory Register

Local Lists of Registered Storage Tanks

CERS TANKS ---- California Environmental Reporting System (CERS) Tanks

Local Land Records

LIENS ---- Environmental Liens Listing
LIENS 2 ---- CERCLA Lien Information

Records of Emergency Release Reports

HMIRS ---- Hazardous Materials Information Reporting System
CHMIRS ---- California Hazardous Material Incident Report System
LDS ---- Land Disposal Sites Listing
MCS ---- Military Cleanup Sites Listing
SPILLS 90 ---- SPILLS 90 data from FirstSearch

Other Ascertainable Records

FUDS ---- Formerly Used Defense Sites
DOD ---- Department of Defense Sites
SCRD DRYCLEANERS ---- State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR ---- Financial Assurance Information
EPA WATCH LIST ---- EPA WATCH LIST
2020 COR ACTION ---- 2020 Corrective Action Program List
TSCA ---- Toxic Substances Control Act
TRIS ---- Toxic Chemical Release Inventory System
SSTS ---- Section 7 Tracking Systems
ROD ---- Records Of Decision
RMP ---- Risk Management Plans
RAATS ---- RCRA Administrative Action Tracking System
PRP ---- Potentially Responsible Parties
PADS ---- PCB Activity Database System
ICIS ---- Integrated Compliance Information System
FTTS ---- FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS ---- Material Licensing Tracking System
COAL ASH DOE ---- Steam-Electric Plant Operation Data
COAL ASH EPA ---- Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER ---- PCB Transformer Registration Database
RADINFO ---- Radiation Information Database
HIST FTTS ---- FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS ---- Incident and Accident Data
CONSENT ---- Superfund (CERCLA) Consent Decrees
INDIAN RESERV ---- Indian Reservations
FUSRAP ---- Formerly Utilized Sites Remedial Action Program
UMTRA ---- Uranium Mill Tailings Sites
LEAD SMELTERS ---- Lead Smelter Sites
US AIRS ---- Aerometric Information Retrieval System Facility Subsystem
US MINES ---- Mines Master Index File

EXECUTIVE SUMMARY

ABANDONED MINES - Abandoned Mines
FINDS - Facility Index System/Facility Registry System
DOCKET HWC - Hazardous Waste Compliance Docket Listing
UXO - Unexploded Ordnance Sites
ECHO - Enforcement & Compliance History Information
FUELS PROGRAM - EPA Fuels Program Registered Listing
PFAS NPL - Superfund Sites with PFAS Detections Information
PFAS FEDERAL SITES - Federal Sites PFAS Information
PFAS TSCA - PFAS Manufacture and Imports Information
PFAS RCRA MANIFEST - PFAS Transfers Identified In the RCRA Database Listing
PFAS ATSDR - PFAS Contamination Site Location Listing
PFAS WQP - Ambient Environmental Sampling for PFAS
PFAS NPDES - Clean Water Act Discharge Monitoring Information
PFAS ECHO - Facilities in Industries that May Be Handling PFAS Listing
PFAS ECHO FIRE TRAINING - Facilities in Industries that May Be Handling PFAS Listing
PFAS PART 139 AIRPORT - All Certified Part 139 Airports PFAS Information Listing
AQUEOUS FOAM NRC - Aqueous Foam Related Incidents Listing
PFAS - PFAS Contamination Site Location Listing
AQUEOUS FOAM - Former Fire Training Facility Assessments Listing
CA BOND EXP. PLAN - Bond Expenditure Plan
CUPA Listings - CUPA Resources List
DRYCLEANERS - Cleaner Facilities
EMI - Emissions Inventory Data
ENF - Enforcement Action Listing
Financial Assurance - Financial Assurance Information Listing
ICE - ICE
HWT - Registered Hazardous Waste Transporter Database
MINES - Mines Site Location Listing
MWMP - Medical Waste Management Program Listing
NPDES - NPDES Permits Listing
PEST LIC - Pesticide Regulation Licenses Listing
PROC - Certified Processors Database
HAZMAT - Hazardous Material Facilities
UIC - UIC Listing
UIC GEO - UIC GEO (GEOTRACKER)
WASTEWATER PITS - Oil Wastewater Pits Listing
WDS - Waste Discharge System
WIP - Well Investigation Program Case List
MILITARY PRIV SITES - MILITARY PRIV SITES (GEOTRACKER)
PROJECT - PROJECT (GEOTRACKER)
WDR - Waste Discharge Requirements Listing
CIWQS - California Integrated Water Quality System
CERS - CERS
NON-CASE INFO - NON-CASE INFO (GEOTRACKER)
OTHER OIL GAS - OTHER OIL & GAS (GEOTRACKER)
PROD WATER PONDS - PROD WATER PONDS (GEOTRACKER)
SAMPLING POINT - SAMPLING POINT (GEOTRACKER)
WELL STIM PROJ - Well Stimulation Project (GEOTRACKER)
PFAS TRIS - List of PFAS Added to the TRI
MINES MRDS - Mineral Resources Data System

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP - EDR Proprietary Manufactured Gas Plants

EXECUTIVE SUMMARY

EDR Hist Auto ---------- EDR Exclusive Historical Auto Stations
EDR Hist Cleaner ---------- EDR Exclusive Historical Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF ---------- Recovered Government Archive Solid Waste Facilities List
RGA LUST ---------- Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal sites subject to CERCLA removals and CERCLA orders

SEMS: SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

A review of the SEMS list, as provided by EDR, and dated 01/25/2023 has revealed that there is 1 SEMS site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
MENLO TECH INC.	188 CONSTITUTION DR	N 1/4 - 1/2 (0.392 mi.)	I33	252

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE: SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes

available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

A review of the SEMS-ARCHIVE list, as provided by EDR, and dated 01/25/2023 has revealed that there is 1 SEMS-ARCHIVE site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
TE CONECTIVITY	***305 CONSTITUTION DR***	***NE 1/4 - 1/2 (0.458 mi.)***	***L40***	***274***
Site ID: 0901154				
EPA Id: CAD009125527				

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS: CORRACTS is a list of handlers with RCRA Corrective Action Activity. This report shows which nationally-defined corrective action core events have occurred for every handler that has had corrective action activity.

A review of the CORRACTS list, as provided by EDR, and dated 03/06/2023 has revealed that there is 1 CORRACTS site within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
TE CONNECTIVITY LTD	***305 CONSTITUTION DR.***	***NNE 1/4 - 1/2 (0.360 mi.)***	***G28***	***118***
EPA ID:: CAD009125527				

Lists of Federal RCRA TSD facilities

RCRA-TSDF: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

A review of the RCRA-TSDF list, as provided by EDR, and dated 03/06/2023 has revealed that there is 1 RCRA-TSDF site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
TE CONNECTIVITY LTD	***305 CONSTITUTION DR.***	***NNE 1/4 - 1/2 (0.360 mi.)***	***G28***	***118***
EPA ID:: CAD009125527				

EXECUTIVE SUMMARY

Lists of Federal RCRA generators

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 03/06/2023 has revealed that there is 1 RCRA-SQG site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
GUINNESS UDV NORTH A	***151 COMMONWEALTH DR***	***NNW 1/8 - 1/4 (0.193 mi.)***	***D17***	***30***
EPA ID:: CAD009130071				

Federal institutional controls / engineering controls registries

US INST CONTROLS: A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

A review of the US INST CONTROLS list, as provided by EDR, and dated 10/27/2022 has revealed that there is 1 US INST CONTROLS site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
TE CONNECTIVITY LTD	***305 CONSTITUTION DR.***	***NNE 1/4 - 1/2 (0.360 mi.)***	***G28***	***118***
EPA ID:: CAD009125527				

Lists of state- and tribal hazardous waste facilities

ENVIROSTOR: The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

A review of the ENVIROSTOR list, as provided by EDR, and dated 10/24/2022 has revealed that there are 7 ENVIROSTOR sites within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
MENLO PARK WEST CAMP	***312-314 CONSTITUTION***	***NNE 1/4 - 1/2 (0.353 mi.)***	***G27***	***103***
Facility Id: 60001437				

Status: Certified / Operation & Maintenance

ELECTRICAL WIRE PROD	***150 JEFFERSON DR***	***NNW 1/4 - 1/2 (0.375 mi.)***	***H29***	***183***
Facility Id: 60002163				
Status: No Further Action				
MENLOTECH INC	***188 CONSTITUTION DR***	***N 1/4 - 1/2 (0.392 mi.)***	***I32***	***195***
Facility Id: 70000160				
Facility Id: 71002456				
Status: Refer: RWQCB				
Status: Inactive - Needs Evaluation				
TE CONECTIVITY	***305 CONSTITUTION DR***	***NE 1/4 - 1/2 (0.458 mi.)***	***L40***	***274***
Facility Id: 41280137				
Facility Id: 80001600				
Status: Refer: RCRA				
Status: Certified / Operation & Maintenance				
SEIBERT, J., MACHINE	***119 INDEPENDENCE DR.***	***NW 1/2 - 1 (0.579 mi.)***	***49***	***345***
Facility Id: 41350016				
Status: Refer: Other Agency				
WILLOW OFFICE PARK	***1350-1390 WILLOW RD.***	***E 1/2 - 1 (0.957 mi.)***	***51***	***347***
Facility Id: 60002595				
Status: Active				
SANFORD METAL PROCES	***990 O BRIEN DR***	***E 1/2 - 1 (0.980 mi.)***	***52***	***352***
Facility Id: 71002837				
Status: Refer: Other Agency				

Lists of state and tribal leaking storage tanks

LUST: Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

A review of the LUST list, as provided by EDR, has revealed that there are 15 LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
FLOOD PARK (SMCO)	***215 BAY***	***WSW 1/8 - 1/4 (0.209 mi.)***	***E20***	***88***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019				
Database: LUST REG 2, Date of Government Version: 09/30/2004				
Database: LUST, Date of Government Version: 03/06/2023				
Status: Completed - Case Closed				
Global Id: T0608100221				
Global ID: T0608100221				
date9: 9/10/1997				
Facility Status: Case Closed				
Facility Id: 440029				
Facility Status: 9- Case Closed				
KNAPPKINS	***4055 BOHANNON***	***WNW 1/4 - 1/2 (0.457 mi.)***	***K38***	***269***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019				
Database: LUST REG 2, Date of Government Version: 09/30/2004				
Global ID: T0608100295				

date9: 6/30/1998
Facility Status: Case Closed
Facility Id: 440032
Facility Status: 9- Case Closed

KNAPPKINS ***4055 BOHANNON*** ***WNW 1/4 - 1/2 (0.457 mi.)*** ***K39*** ***271***
Database: LUST, Date of Government Version: 03/06/2023
Status: Completed - Case Closed
Global Id: T0608100295

NICHOLSON CO ***931 MENLO OAKS*** ***SSE 1/4 - 1/2 (0.472 mi.)*** ***44*** ***332***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Global ID: T0608101085
Facility Id: 440037
Facility Status: 9- Case Closed

PHARM CHEM LABS INC ***3925 BOHANNON DR*** ***WNW 1/4 - 1/2 (0.479 mi.)*** ***K46*** ***338***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Facility Id: 41S0045
Facility Status: Post remedial action monitoring

Lower Elevation	Address	Direction / Distance	Map ID	Page

GUINNESS UDV NORTH A ***151 COMMONWEALTH DR*** ***NNW 1/8 - 1/4 (0.193 mi.)*** ***D17*** ***30***
Database: LUST REG 2, Date of Government Version: 09/30/2004
date9: 6/16/1998
Facility Status: Case Closed

DIAGED NORTH AMERICA ***151 COMMONWEALTH DRI*** ***NNW 1/8 - 1/4 (0.193 mi.)*** ***D19*** ***76***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Database: LUST, Date of Government Version: 03/06/2023
Status: Completed - Case Closed
Global Id: T0608100258
Global ID: T0608100258
Facility Id: 440006
Facility Status: 9- Case Closed

EXPONENT INC ***149 COMMONWEALTH*** ***NW 1/4 - 1/2 (0.294 mi.)*** ***24*** ***97***
Database: LUST REG 2, Date of Government Version: 09/30/2004
date9: 9/9/1999
Facility Id: 41-1144
Facility Status: Case Closed

RAYCHEM CORPORATION ***135 COMMONWEALTH*** ***NW 1/4 - 1/2 (0.377 mi.)*** ***30*** ***192***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Global ID: SL0608132881
Facility Id: 449083
Facility Status: 9- Case Closed

TERMINAL AVE HOUSING ***297 TERMINAL AVENUE*** ***ENE 1/4 - 1/2 (0.378 mi.)*** ***31*** ***193***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Global ID: T0608138278
Facility Id: 449068
Facility Status: 9- Case Closed

MENLOTECH INC ***188 CONSTITUTION DR*** ***N 1/4 - 1/2 (0.392 mi.)*** ***I32*** ***195***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Global ID: SL0608198685
Facility Id: 449078
Facility Status: 9- Case Closed

BAY ASSOCIATES ***1150 CHRYSLER*** ***NW 1/4 - 1/2 (0.431 mi.)*** ***J36*** ***254***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 03/06/2023

Status: Completed - Case Closed
Global Id: T0608100059
Global ID: T0608100059
date9: 4/10/1999
Facility Status: Case Closed
Facility Id: 440005
Facility Status: 9- Case Closed

UPRR EASEMENT, FORME ***1470 CHILCO*** ***ENE 1/4 - 1/2 (0.452 mi.)*** ***37*** ***267***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Global ID: SL0608151735
Facility Id: 449076
Facility Status: 9- Case Closed

SUNSET HEATING AND A ***507 HAMILTON*** ***ENE 1/4 - 1/2 (0.488 mi.)*** ***M47*** ***339***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 03/06/2023
Status: Completed - Case Closed
Global Id: T0608179055
Global ID: T0608179055
Facility Status: Remedial action (cleanup) Underway
Facility Id: 440071
Facility Status: 9- Case Closed

SUNSET HEATING AND A ***511 HAMILTON*** ***ENE 1/4 - 1/2 (0.499 mi.)*** ***M48*** ***343***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/29/2019
Global ID: SL0608109540
Facility Id: 449072
Facility Status: 9- Case Closed

CPS-SLIC: Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

A review of the CPS-SLIC list, as provided by EDR, has revealed that there are 12 CPS-SLIC sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PHARM CHEM LABORATOR	***3925 BOHANNON DRIVE***	***WNW 1/4 - 1/2 (0.479 mi.)***	***K45***	***333***
Database: CPS-SLIC, Date of Government Version: 03/06/2023 Facility Status: Completed - Case Closed Global Id: SLT2O096102				
PHARM CHEM LABS INC	***3925 BOHANNON DR***	***WNW 1/4 - 1/2 (0.479 mi.)***	***K46***	***338***
Database: SLIC REG 2, Date of Government Version: 09/30/2004 Facility Id: SLT2O096102				

Lower Elevation	Address	Direction / Distance	Map ID	Page
EXPONENT INC	***149 COMMONWEALTH***	***NW 1/4 - 1/2 (0.294 mi.)***	***24***	***97***
Database: SLIC REG 2, Date of Government Version: 09/30/2004 Database: CPS-SLIC, Date of Government Version: 03/06/2023 Facility Status: Completed - Case Closed				

Global Id: SLT2O097103
Facility Id: SLT2O097103

THEME PARTY PRODUCTI	***165 JEFFERSON DR***	***NNW 1/4 - 1/2 (0.329 mi.)***	***F25***	***101***
Database: CPS-SLIC, Date of Government Version: 03/06/2023 Facility Status: Open - Site Assessment Global Id: T10000014256				
RAYCHEM CORPORATION	***135 COMMONWEALTH***	***NW 1/4 - 1/2 (0.377 mi.)***	***30***	***192***
Database: CPS-SLIC, Date of Government Version: 03/06/2023 Facility Status: Completed - Case Closed Global Id: SL0608132881				
TERMINAL AVE HOUSING	***297 TERMINAL AVENUE***	***ENE 1/4 - 1/2 (0.378 mi.)***	***31***	***193***
Database: CPS-SLIC, Date of Government Version: 03/06/2023 Facility Status: Completed - Case Closed Global Id: T0608138278				
MENLOTECH INC	***188 CONSTITUTION DR***	***N 1/4 - 1/2 (0.392 mi.)***	***I32***	***195***
Database: CPS-SLIC, Date of Government Version: 03/06/2023 Facility Status: Completed - Case Closed Global Id: SL0608198685				
MENLO UPTOWN	141 JEFFERSON DRIVE	NNW 1/4 - 1/2 (0.396 mi.)	H35	253
Database: CPS-SLIC, Date of Government Version: 03/06/2023 Facility Status: Open - Remediation Global Id: T10000014570				
UPRR EASEMENT, FORME	***1470 CHILCO***	***ENE 1/4 - 1/2 (0.452 mi.)***	***37***	***267***
Database: CPS-SLIC, Date of Government Version: 03/06/2023 Facility Status: Completed - Case Closed Global Id: SL0608151735				
FACEBOOK MPK 23	***300 CONSTITUTION***	***NE 1/4 - 1/2 (0.458 mi.)***	***L41***	***316***
Database: SLIC REG 2, Date of Government Version: 09/30/2004 Facility Id: SLT2O099105				
KREBS ENGINEERS	***1205 CHRYSLER DR***	***NW 1/4 - 1/2 (0.459 mi.)***	***J43***	***330***
Database: CPS-SLIC, Date of Government Version: 03/06/2023 Facility Status: Completed - Case Closed Global Id: T0608100940				
SUNSET HEATING AND A	***511 HAMILTON***	***ENE 1/4 - 1/2 (0.499 mi.)***	***M48***	***343***
Database: CPS-SLIC, Date of Government Version: 03/06/2023 Facility Status: Completed - Case Closed Global Id: SL0608109540				

Lists of state and tribal voluntary cleanup sites

VCP: Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

A review of the VCP list, as provided by EDR, and dated 10/24/2022 has revealed that there is 1 VCP site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
MENLO PARK WEST CAMP	***312-314 CONSTITUTION***	***NNE 1/4 - 1/2 (0.353 mi.)***	***G27***	***103***

Status: Certified / Operation & Maintenance
Facility Id: 60001437

Lists of state and tribal brownfield sites

BROWNFIELDS: A listing of sites the SWRCB considers to be Brownfields since these are sites have come to them through the MOA Process.

A review of the BROWNFIELDS list, as provided by EDR, and dated 12/14/2022 has revealed that there are 2 BROWNFIELDS sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
MENLO FLATS	165 JEFFERSON DRIVE	NNW 1/4 - 1/2 (0.329 mi.)	F26	102
MENLO UPTOWN	141 JEFFERSON DRIVE	NNW 1/4 - 1/2 (0.396 mi.)	H34	253

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Registered Storage Tanks

SWEEPS UST: Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

A review of the SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there is 1 SWEEPS UST site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
DIAGED NORTH AMERICA	***151 COMMONWEALTH DRI***	***NNW 1/8 - 1/4 (0.193 mi.)***	***D19***	***76***
Status: A				
Comp Number: 440029				

HIST UST: Historical UST Registered Database.

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are 3 HIST UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
FLOOD PARK (SMCO)	***215 BAY***	***WSW 1/8 - 1/4 (0.209 mi.)***	***E20***	***88***
Facility Id: 00000038772				

Lower Elevation	Address	Direction / Distance	Map ID	Page
GUINNESS UDV NORTH A	***151 COMMONWEALTH DR***	***NNW 1/8 - 1/4 (0.193 mi.)***	***D17***	***30***
Facility Id: 00000019400				
HEUBLEIN INC	***151 COMMONWEALTH DRI***	***NNW 1/8 - 1/4 (0.193 mi.)***	***D18***	***35***

CA FID UST: The Facility Inventory Database contains active and inactive underground storage tank locations. The source is the State Water Resource Control Board.

A review of the CA FID UST list, as provided by EDR, and dated 10/31/1994 has revealed that there is 1 CA FID UST site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
GUINNESS UDV NORTH A	***151 COMMONWEALTH DR***	***NNW 1/8 - 1/4 (0.193 mi.)***	***D17***	***30***
Facility Id: 41000010				
Status: A				

Local Land Records

DEED: The use of recorded land use restrictions is one of the methods the DTSC uses to protect the public from unsafe exposures to hazardous substances and wastes .

A review of the DEED list, as provided by EDR, and dated 11/28/2022 has revealed that there are 3 DEED sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
MENLO PARK WEST CAMP	***312-314 CONSTITUTION***	***NNE 1/4 - 1/2 (0.353 mi.)***	***G27***	***103***
Status: CERTIFIED / OPERATION & MAINTENANCE				
Envirostor ID: 60001437				
TE CONECTIVITY	***305 CONSTITUTION DR***	***NE 1/4 - 1/2 (0.458 mi.)***	***L40***	***274***
Status: CERTIFIED / OPERATION & MAINTENANCE				
Envirostor ID: 80001600				
TE CONNECTIVITY	***300 CONSTITUTION DR***	***NE 1/4 - 1/2 (0.458 mi.)***	***L42***	***317***
Status: UNDERGOING CLOSURE				
Envirostor ID: CAD009125527				

Other Ascertainable Records

RCRA NonGen / NLR: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 03/06/2023 has revealed that there are 9 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
GARY BARTLETT	239 OAKHURST PLACE	WNW 0 - 1/8 (0.109 mi.)	6	15
EPA ID:: CAC003189045				
ROWE, KATIE	1055 DEL NORTE AVE	SSE 0 - 1/8 (0.110 mi.)	7	17
EPA ID:: CAC003027517				
LISSA ZELAYA	1068 TEHAMA AVENUE	SE 1/8 - 1/4 (0.159 mi.)	15	25
EPA ID:: CAC003113702				
LARS BACKSTRONG AND	272 GREENOAKS DR	WSW 1/8 - 1/4 (0.244 mi.)	E22	93

EPA ID:: CAC003066784				
MAYA KHANEBOUBI EPA ID:: CAC003214188	153 BAY ROAD	WSW 1/8 - 1/4 (0.247 mi.)	23	95

Lower Elevation	Address	Direction / Distance	Map ID	Page
PACIFIC GAS AND ELEC EPA ID:: CAC003041138	BEHIND 1101A DEL NOR	E 0 - 1/8 (0.069 mi.)	B5	12
CITY OF MENLO PARK EPA ID:: CAC003177239	100 TERMINAL AVE	NE 1/8 - 1/4 (0.155 mi.)	C9	19
CITY OF MENLO PARK EPA ID:: CAC003132156 EPA ID:: CAC003148311	100 TERMINAL AVE.	NE 1/8 - 1/4 (0.155 mi.)	C13	23
MIKE WESCOTT EPA ID:: CAC002966806	235 HEDGE ROAD	NW 1/8 - 1/4 (0.162 mi.)	16	28

Hazardous Materials Business Plan, Hazardous Waste Generator, Underground Storage tanks

A review of the San Mateo Co. BI list, as provided by EDR, and dated 02/20/2020 has revealed that there are 7 San Mateo Co. BI sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
PG&E: BELLE HAVEN SU Facility Id: FA0022409	BEHIND 1101 DEL NORT	E 0 - 1/8 (0.069 mi.)	B4	11
MENLO PARK SENIOR CE Facility Id: FA0000067	110 TERMINAL	NE 1/8 - 1/4 (0.152 mi.)	C8	19
EPISCOPAL HOMES FOUN Facility Id: FA0045742	100 TERMINAL	NE 1/8 - 1/4 (0.155 mi.)	C10	22
RAVENSWOOD FAMILY HL Facility Id: FA0052088	100 TERMINAL	NE 1/8 - 1/4 (0.155 mi.)	C11	22
BELLE HAVEN POOL Facility Id: FA0026482	100 TERMINAL	NE 1/8 - 1/4 (0.155 mi.)	C12	22
BELLE HAVEN COMMUNIT Facility Id: FA0022979	100 TERMINAL	NE 1/8 - 1/4 (0.155 mi.)	C14	25
DIAGED NORTH AMERICA Facility Id: FA0017576 Facility Id: FA0009269	***151 COMMONWEALTH DRI***	***NNW 1/8 - 1/4 (0.193 mi.)***	***D19***	***76***

Cortese: The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

A review of the Cortese list, as provided by EDR, and dated 12/14/2022 has revealed that there are 5 Cortese sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
FLOOD PARK (SMCO) Cleanup Status: COMPLETED - CASE CLOSED	***215 BAY***	***WSW 1/8 - 1/4 (0.209 mi.)***	***E20***	***88***
KNAPPKINS	***4055 BOHANNON***	***WNW 1/4 - 1/2 (0.457 mi.)***	***K38***	***269***

Cleanup Status: COMPLETED - CASE CLOSED

Lower Elevation	Address	Direction / Distance	Map ID	Page
GUINNESS UDV NORTH A	***151 COMMONWEALTH DR***	***NNW 1/8 - 1/4 (0.193 mi.)***	***D17***	***30***
Cleanup Status: COMPLETED - CASE CLOSED				
BAY ASSOCIATES	***1150 CHRYSLER***	***NW 1/4 - 1/2 (0.431 mi.)***	***J36***	***254***
Cleanup Status: COMPLETED - CASE CLOSED				
SUNSET HEATING AND A	***507 HAMILTON***	***ENE 1/4 - 1/2 (0.488 mi.)***	***M47***	***339***
Cleanup Status: COMPLETED - CASE CLOSED				

HIST CORTESE: The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

A review of the HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there are 7 HIST CORTESE sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
FLOOD PARK SMCO	UNKNOWN BAY RD	WSW 1/8 - 1/4 (0.209 mi.)	E21	92
Reg Id: 41-0232				
Reg Id: 41-0822				
KNAPPKINS	***4055 BOHANNON***	***WNW 1/4 - 1/2 (0.457 mi.)***	***K39***	***271***
Reg Id: 41-0310				

Lower Elevation	Address	Direction / Distance	Map ID	Page
DIAGED NORTH AMERICA	***151 COMMONWEALTH DRI***	***NNW 1/8 - 1/4 (0.193 mi.)***	***D19***	***76***
Reg Id: 41-0271				
EXPONENT INC	***149 COMMONWEALTH***	***NW 1/4 - 1/2 (0.294 mi.)***	***24***	***97***
Reg Id: 41-1144				
BAY ASSOCIATES	***1150 CHRYSLER***	***NW 1/4 - 1/2 (0.431 mi.)***	***J36***	***254***
Reg Id: 41-0063				
TE CONECTIVITY	***305 CONSTITUTION DR***	***NE 1/4 - 1/2 (0.458 mi.)***	***L40***	***274***
Reg Id: 41280137				
KREBS ENGINEERS	***1205 CHRYSLER DR***	***NW 1/4 - 1/2 (0.459 mi.)***	***J43***	***330***
Reg Id: 41-1027				

HWP: Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

A review of the HWP list, as provided by EDR, and dated 11/10/2022 has revealed that there is 1 HWP site within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
TE CONNECTIVITY	***300 CONSTITUTION DR***	***NE 1/4 - 1/2 (0.458 mi.)***	***L42***	***317***
EPA ID: CAD009125527				
Cleanup Status: UNDERGOING CLOSURE				

EXECUTIVE SUMMARY

Notify 65: Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

A review of the Notify 65 list, as provided by EDR, and dated 12/07/2022 has revealed that there is 1 Notify 65 site within approximately 1 mile of the target property.

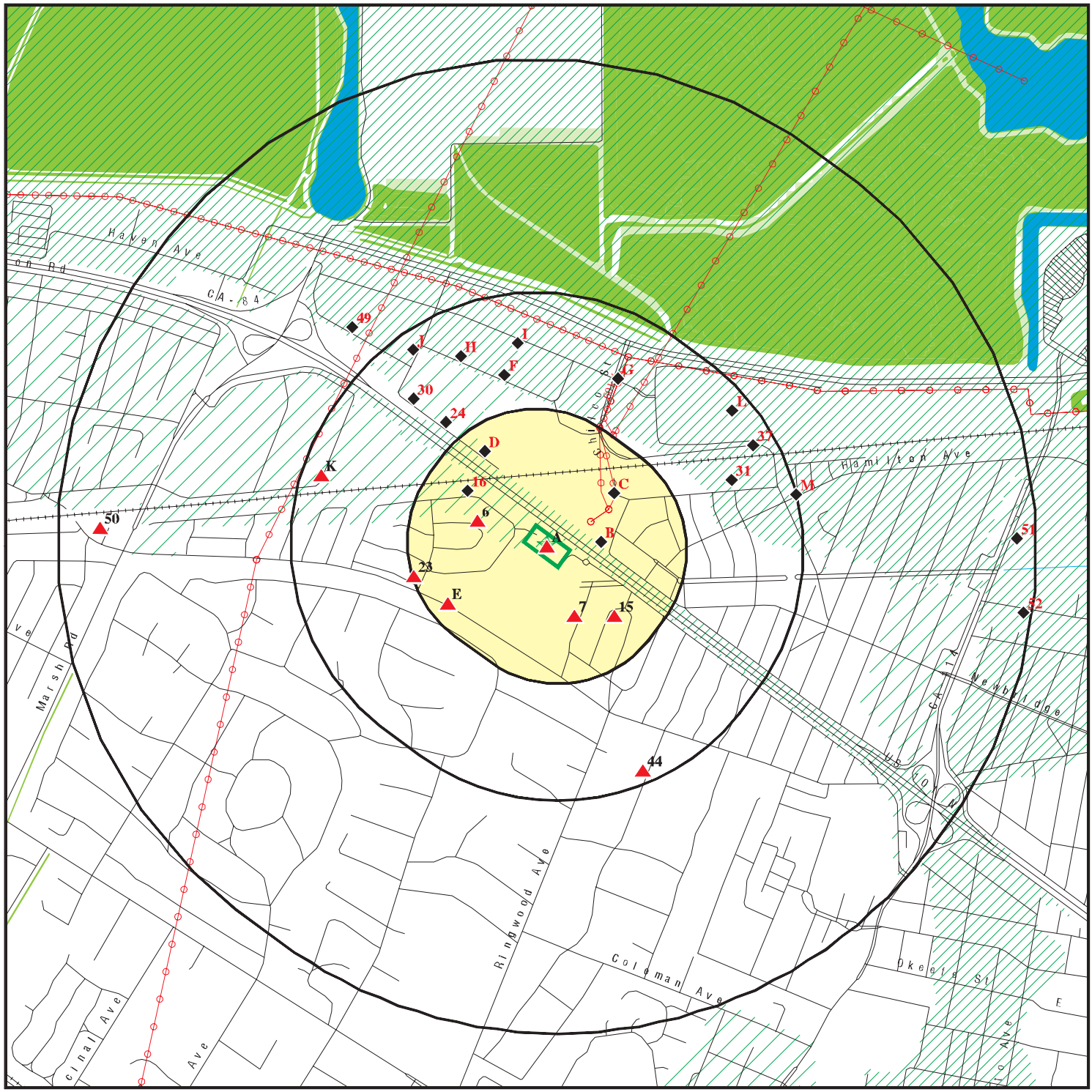
Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
FORMER GAS STATION	955 MARSH ROAD	W 1/2 - 1 (0.908 mi.)	50	347

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 3 records.

Site Name	Database(s)
MARSH ROAD SANITARY LANDFILL	SWF/LF
ELCO YARDS	ENVIROSTOR, VCP
FORMER RAIL SPUR EAST PALO ALTO RI	CPS-SLIC

OVERVIEW MAP - 7302428.2S

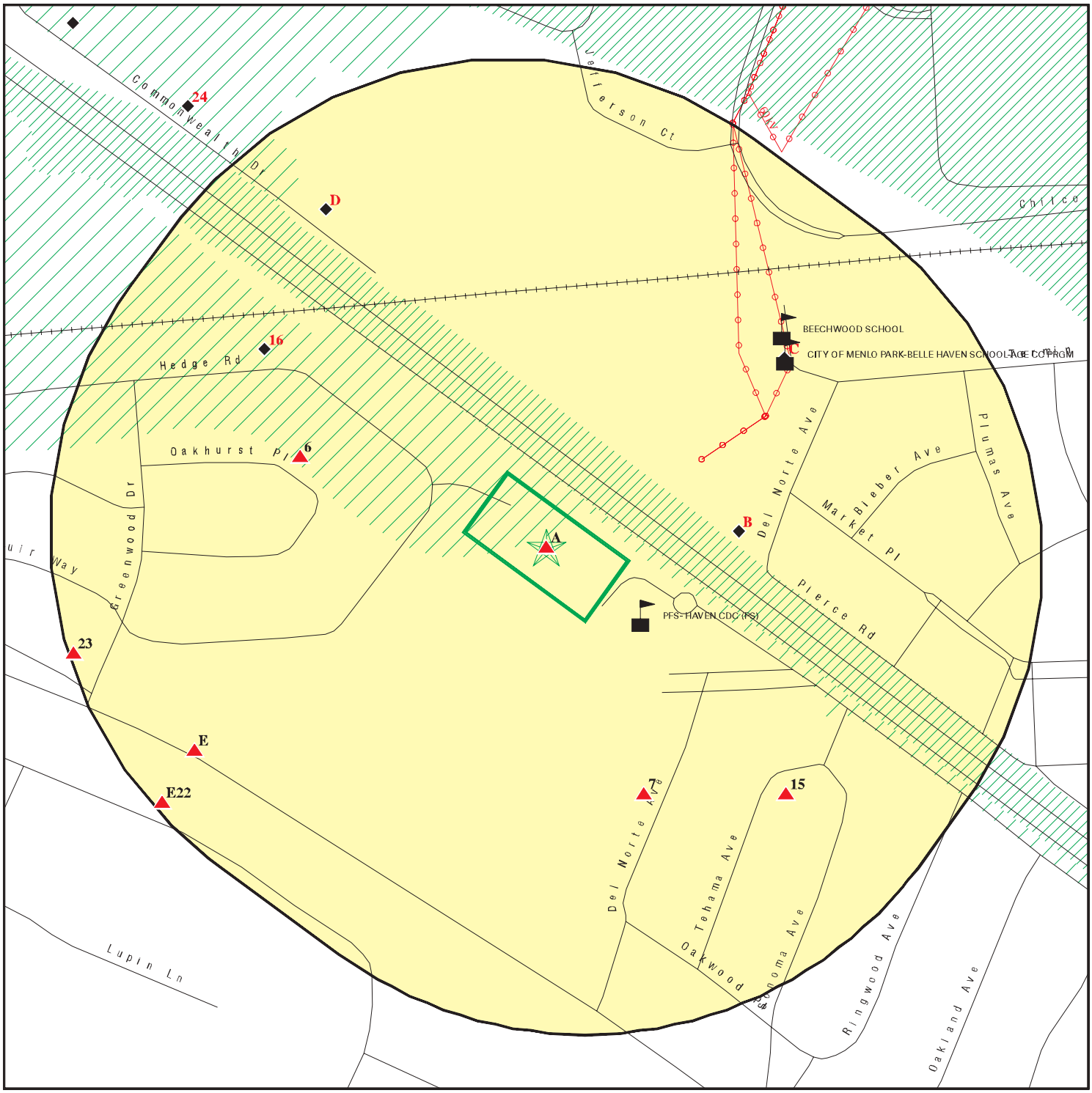


- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- Special Flood Hazard Area (1%)
- 0.2% Annual Chance Flood Hazard
- National Wetland Inventory
- State Wetlands
- Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: 320 Sheridan Drive	CLIENT: Citadel Environmental Services
ADDRESS: 320 Sheridan Drive Menlo Park CA 94025	CONTACT: Annie Liu
A906	INQUIRY #: 7302428.2s
LAT/LONG: 37.476883 / 122.170261	DATE: April 07, 2023 2:05 pm

DETAIL MAP - 7302428.2S



Target Property
Sites at elevations higher than or equal to the target property
Sites at elevations lower than the target property
Manufactured Gas Plants
Sensitive Receptors
National Priority List Sites
Dept. Defense Sites

0 1/16 1/8 1/4 Miles

Indian Reservations BIA
Power transmission lines
Special Flood Hazard Area (1%)
0.2% Annual Chance Flood Hazard
Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: 320 Sheridan Drive	CLIENT: Citadel Environmental Services
ADDRESS: 320 Sheridan Drive Menlo Park CA 94025	CONTACT: Annie Liu
A907	INQUIRY #: 7302428.2s
LAT/LONG: 37.476883 / 122.170261	DATE: April 07, 2023 2:09 pm

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Lists of Federal NPL (Superfund) sites								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
Lists of Federal Delisted NPL sites								
Delisted NPL	1.000		0	0	0	0	NR	0
Lists of Federal sites subject to CERCLA removals and CERCLA orders								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	1	NR	NR	1
Lists of Federal CERCLA sites with NFRAP								
SEMS-ARCHIVE	0.500		0	0	1	NR	NR	1
Lists of Federal RCRA facilities undergoing Corrective Action								
CORRACTS	1.000		0	0	1	0	NR	1
Lists of Federal RCRA TSD facilities								
RCRA-TSDF	0.500		0	0	1	NR	NR	1
Lists of Federal RCRA generators								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	1	NR	NR	NR	1
RCRA-VSQG	0.250		0	0	NR	NR	NR	0
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	1	NR	NR	1
Federal ERNS list								
ERNS	0.001		0	NR	NR	NR	NR	0
Lists of state- and tribal (Superfund) equivalent sites								
RESPONSE	1.000		0	0	0	0	NR	0
Lists of state- and tribal hazardous waste facilities								
ENVIROSTOR	1.000		0	0	4	3	NR	7
Lists of state and tribal landfills and solid waste disposal facilities								
SWF/LF	0.500		0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
Lists of state and tribal leaking storage tanks								
LUST	0.500		0	3	12	NR	NR	15
INDIAN LUST	0.500		0	0	0	NR	NR	0
CPS-SLIC	0.500		0	0	12	NR	NR	12
Lists of state and tribal registered storage tanks								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		0	0	NR	NR	NR	0
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
Lists of state and tribal voluntary cleanup sites								
VCP	0.500		0	0	1	NR	NR	1
INDIAN VCP	0.500		0	0	0	NR	NR	0
Lists of state and tribal brownfield sites								
BROWNFIELDS	0.500		0	0	2	NR	NR	2
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
WMUDS/SWAT	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
HAULERS	0.001		0	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	0.001		0	NR	NR	NR	NR	0
HIST Cal-Sites	1.000		0	0	0	0	NR	0
SCH	0.250		0	0	NR	NR	NR	0
CDL	0.001		0	NR	NR	NR	NR	0
CERS HAZ WASTE	0.250		0	0	NR	NR	NR	0
Toxic Pits	1.000		0	0	0	0	NR	0
US CDL	0.001		0	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
SWEEPS UST	0.250		0	1	NR	NR	NR	1
HIST UST	0.250		0	3	NR	NR	NR	3
CA FID UST	0.250		0	1	NR	NR	NR	1
CERS TANKS	0.250		0	0	NR	NR	NR	0
Local Land Records								
LIENS	0.001		0	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LIENS 2	0.001		0	NR	NR	NR	NR	0
DEED	0.500		0	0	3	NR	NR	3
Records of Emergency Release Reports								
HMIRS	0.001		0	NR	NR	NR	NR	0
CHMIRS	0.001		0	NR	NR	NR	NR	0
LDS	0.001		0	NR	NR	NR	NR	0
MCS	0.001		0	NR	NR	NR	NR	0
SPILLS 90	0.001		0	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		3	6	NR	NR	NR	9
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.001		0	NR	NR	NR	NR	0
TRIS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		0	NR	NR	NR	NR	0
PADS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001		0	NR	NR	NR	NR	0
FTTS	0.001		0	NR	NR	NR	NR	0
MLTS	0.001		0	NR	NR	NR	NR	0
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
DOT OPS	0.001		0	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	0.001		0	NR	NR	NR	NR	0
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
ECHO	0.001		0	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
PFAS NPL	0.250		0	0	NR	NR	NR	0
PFAS FEDERAL SITES	0.250		0	0	NR	NR	NR	0
PFAS TSCA	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
PFAS RCRA MANIFEST	0.250		0	0	NR	NR	NR	0
PFAS ATSDR	0.250		0	0	NR	NR	NR	0
PFAS WQP	0.250		0	0	NR	NR	NR	0
PFAS NPDES	0.250		0	0	NR	NR	NR	0
PFAS ECHO	0.250		0	0	NR	NR	NR	0
PFAS ECHO FIRE TRAINING	0.250		0	0	NR	NR	NR	0
PFAS PART 139 AIRPORT	0.250		0	0	NR	NR	NR	0
AQUEOUS FOAM NRC	0.250		0	0	NR	NR	NR	0
PFAS	0.250		0	0	NR	NR	NR	0
AQUEOUS FOAM	TP		NR	NR	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
San Mateo Co. BI	0.250	1	1	6	NR	NR	NR	8
Cortese	0.500		0	2	3	NR	NR	5
CUPA Listings	0.250		0	0	NR	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
EMI	0.001		0	NR	NR	NR	NR	0
ENF	0.001		0	NR	NR	NR	NR	0
Financial Assurance	0.001		0	NR	NR	NR	NR	0
ICE	0.001		0	NR	NR	NR	NR	0
HIST CORTESE	0.500		0	2	5	NR	NR	7
HWP	1.000		0	0	1	0	NR	1
HWT	0.250		0	0	NR	NR	NR	0
HAZNET	0.001	1	0	NR	NR	NR	NR	1
MINES	0.250		0	0	NR	NR	NR	0
MWMP	0.250		0	0	NR	NR	NR	0
NPDES	0.001		0	NR	NR	NR	NR	0
PEST LIC	0.001		0	NR	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0
Notify 65	1.000		0	0	0	1	NR	1
HAZMAT	0.250		0	0	NR	NR	NR	0
UIC	0.001		0	NR	NR	NR	NR	0
UIC GEO	0.001		0	NR	NR	NR	NR	0
WASTEWATER PITS	0.500		0	0	0	NR	NR	0
WDS	0.001		0	NR	NR	NR	NR	0
WIP	0.250		0	0	NR	NR	NR	0
MILITARY PRIV SITES	0.001		0	NR	NR	NR	NR	0
PROJECT	0.001		0	NR	NR	NR	NR	0
WDR	0.001		0	NR	NR	NR	NR	0
CIWQS	0.001		0	NR	NR	NR	NR	0
CERS	0.001		0	NR	NR	NR	NR	0
NON-CASE INFO	0.001		0	NR	NR	NR	NR	0
OTHER OIL GAS	0.001		0	NR	NR	NR	NR	0
PROD WATER PONDS	0.001		0	NR	NR	NR	NR	0
SAMPLING POINT	0.001		0	NR	NR	NR	NR	0
WELL STIM PROJ	0.001		0	NR	NR	NR	NR	0
HWTS	TP	2	NR	NR	NR	NR	NR	2
PFAS TRIS	0.250		0	0	NR	NR	NR	0
MINES MRDS	0.001		0	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
EDR Hist Auto	0.125		0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
RGA LF	0.001		0	NR	NR	NR	NR	0
RGA LUST	0.001		0	NR	NR	NR	NR	0
- Totals --		4	4	25	48	4	0	85

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1 **RWCSD-JAMES FLOOD MAGNET SCHOOL** **HAZNET** **S112934926**
Target **320 SHERIDAN DR** **HWTS** **N/A**
Property **MENLO PARK, CA 94025**

Site 1 of 3 in cluster A

Actual:
19 ft.

HAZNET:

Name:	RWCSD-JAMES FLOOD MAGNET SCHOOL
Address:	320 SHERIDAN DR
Address 2:	Not reported
City,State,Zip:	MENLO PARK, CA 94025
Contact:	JOSE LUIS ALCARAZ
Telephone:	6503292800
Mailing Name:	Not reported
Mailing Address:	2160 EUCLID AVE
Year:	2004
Gepaid:	CAC002573413
TSD EPA ID:	CAD028409019
CA Waste Code:	352 - Other organic solids
Disposal Method:	H01 - Transfer Station
Tons:	0.2107

Additional Info:

Year:	2004
Gen EPA ID:	CAC002573413
Shipment Date:	20040116
Creation Date:	8/20/2004 9:41:48
Receipt Date:	20040129
Manifest ID:	21837913
Trans EPA ID:	CAR000037283
Trans Name:	WORLD ENVIRONMENTAL & ENERGY
Trans 2 EPA ID:	CAD982524480
Trans 2 Name:	CROSBY & OVERTON
TSDF EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON INC
TSDF Alt EPA ID:	CAD028409019
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.2107
Waste Quantity:	0.25
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

HWTS:

Name:	RWCSD-JAMES FLOOD MAGNET SCHOOL
Address:	320 SHERIDAN DR
Address 2:	Not reported
City,State,Zip:	MENLO PARK, CA 94025
EPA ID:	CAC002573413

RWCSD-JAMES FLOOD MAGNET SCHOOL (Continued) **S112934926**

Inactive Date:	10/27/2004
Create Date:	01/09/2004
Last Act Date:	Not reported
Mailing Name:	Not reported
Mailing Address:	2160 EUCLID AVE
Mailing Address 2:	Not reported
Mailing City,State,Zip:	EAST PALO ALTO, CA 94303
Owner Name:	RWCSD
Owner Address:	2160 EUCLID AVE
Owner Address 2:	Not reported
Owner City,State,Zip:	EAST PALO ALTO, CA 94303
Contact Name:	JOSE LUIS ALCARAZ
Contact Address:	2160 EUCLID AVE
Contact Address 2:	Not reported
City,State,Zip:	EAST PALO ALTO, CA 94303
Facility Status:	Inactive
Facility Type:	TEMPORARY
Category:	STATE
Latitude:	37.477433
Longitude:	-122.17133

Name:	RWCSD-JAMES FLOOD MAGNET SCHOOL
Address:	320 SHERIDAN DR
Address 2:	Not reported
City,State,Zip:	MENLO PARK, CA 94025
EPA ID:	CAC002643359
Inactive Date:	12/13/2009
Create Date:	06/15/2009
Last Act Date:	Not reported
Mailing Name:	Not reported
Mailing Address:	2160 EUCLID AVE
Mailing Address 2:	Not reported
Mailing City,State,Zip:	EAST PALO ALTO, CA 94303
Owner Name:	RWCSD
Owner Address:	2160 EUCLID AVE
Owner Address 2:	Not reported
Owner City,State,Zip:	EAST PALO ALTO, CA 94303
Contact Name:	TAMMIE HARIS
Contact Address:	2160 EUCLID AVE
Contact Address 2:	Not reported
City,State,Zip:	EAST PALO ALTO, CA 94303
Facility Status:	Inactive
Facility Type:	TEMPORARY
Category:	STATE
Latitude:	37.477433
Longitude:	-122.171326

A2 **RAVENSWOOD CITY SCH DIST/JAMES FLOOD ELE** **HWTS** **S124569762**
Target **320 SHERIDAN DR** **N/A**
Property **MENLO PARK, CA 94025**

Site 2 of 3 in cluster A

Actual: **19 ft.**

HWTS:

Name:	RAVENSWOOD CITY SCH DIST/JAMES FLOOD ELE
Address:	320 SHERIDAN DR
Address 2:	Not reported
City,State,Zip:	MENLO PARK, CA 94025

RAVENSWOOD CITY SCH DIST/JAMES FLOOD ELE (Continued) **S124569762**

EPA ID:	CAC002485303
Inactive Date:	09/10/2002
Create Date:	01/25/2002
Last Act Date:	Not reported
Mailing Name:	Not reported
Mailing Address:	2160 EUCLID AVE
Mailing Address 2:	Not reported
Mailing City,State,Zip:	EAST PALO ALTO, CA 943030000
Owner Name:	RAVENSWOOD CITY SCH DIST
Owner Address:	2160 EUCLID AVE
Owner Address 2:	Not reported
Owner City,State,Zip:	EAST PALO ALTO, CA 943030000
Contact Name:	MAX SMITH/EX 126
Contact Address:	2160 EUCLID AVE
Contact Address 2:	Not reported
City,State,Zip:	EAST PALO ALTO, CA 943030000
Facility Status:	Inactive
Facility Type:	TEMPORARY
Category:	STATE
Latitude:	37.477307
Longitude:	-122.170822

A3 **EPA ACADEMY ELEMENTARY-STANFORD** **San Mateo Co. BI** **S123180807**
Target **320 SHERIDAN** **N/A**
Property **MENLO PARK, CA 94025**

Site 3 of 3 in cluster A

Actual: **19 ft.**

San Mateo Co. BI:

Name:	EPA ACADEMY ELEMENTARY-STANFORD
Address:	320 SHERIDAN
City,State,Zip:	MENLO PARK, CA 94025
Region:	SAN MATEO
Facility ID:	FA0024436
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0041996
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER

B4 **PG&E: BELLE HAVEN SUBSTATION** **San Mateo Co. BI** **S113756730**
East **BEHIND 1101 DEL NORTE** **N/A**
< 1/8 **MENLO PARK, CA 94025**
0.069 mi.
366 ft. **Site 1 of 2 in cluster B**

Relative: **Lower**
Actual: **17 ft.**

San Mateo Co. BI:

Name:	PG&E: BELLE HAVEN SUBSTATION
Address:	BEHIND 1101 DEL NORTE
City,State,Zip:	MENLO PARK, CA 94025
Region:	SAN MATEO
Facility ID:	FA0022409
Prog Element Code:	GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id:	PR0028721
Description:	GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status:	Inactive, non-billable

PG&E: BELLE HAVEN SUBSTATION (Continued) **S113756730**

Program Category:	HAZARDOUS WASTE PROGRAM
Name:	PG&E: BELLE HAVEN SUBSTATION
Address:	BEHIND 1101 DEL NORTE
City,State,Zip:	MENLO PARK, CA 94025
Region:	SAN MATEO
Facility ID:	FA0022409
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0040591
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER
Name:	PG&E: BELLE HAVEN SUBSTATION
Address:	BEHIND 1101 DEL NORTE
City,State,Zip:	MENLO PARK, CA 94025
Region:	SAN MATEO
Facility ID:	FA0022409
Prog Element Code:	ABOVE GROUND TANK/SPCC
Record Id:	PR0040592
Description:	ABOVE GROUND TANK/SPCC
Facility Status:	Inactive, non-billable
Program Category:	ABOVE GROUND PETROLEUM STORAGE (AST)
Name:	PG&E: BELLE HAVEN SUBSTATION
Address:	BEHIND 1101 DEL NORTE
City,State,Zip:	MENLO PARK, CA 94025
Region:	SAN MATEO
Facility ID:	FA0022409
Prog Element Code:	STORES HAZ MAT <31999GAL,239999LB, 111999FT^3
Record Id:	PR0024248
Description:	STORES HAZ MAT <31999GAL,223999LB, 111999CF
Facility Status:	Active, billable
Program Category:	BUSINESS PLAN PROGRAM
Name:	PG&E: BELLE HAVEN SUBSTATION
Address:	BEHIND 1101 DEL NORTE
City,State,Zip:	MENLO PARK, CA 94025
Region:	SAN MATEO
Facility ID:	FA0022409
Prog Element Code:	2352
Record Id:	PR0067558
Description:	TIER I: TANK STOR CAP =>1,320 & <5,000 GAL
Facility Status:	Inactive, non-billable
Program Category:	ABOVE GROUND PETROLEUM STORAGE (AST)

B5 **PACIFIC GAS AND ELECTRIC COMPANY** **RCRA NonGen / NLR** **1025860488**
East **BEHIND 1101A DEL NORTE AVENUE** **CAC003041138**
< 1/8 **MENLO PARK, CA 94025**
0.069 mi.
366 ft. **Site 2 of 2 in cluster B**

Relative: RCRA Listings:
Lower

Actual: Date Form Received by Agency:	20191030
17 ft. Handler Name:	Pacific Gas And Electric Company
Handler Address:	BEHIND 1101A DEL NORTE AVENUE
Handler City,State,Zip:	MENLO PARK, CA 94025
EPA ID:	CAC003041138

PACIFIC GAS AND ELECTRIC COMPANY (Continued) **1025860488**

Contact Name:	MARC MOROLLA
Contact Address:	2180 HARRISON STREET, ROOM 330
Contact City,State,Zip:	SAN FRANCISCO, CA 94110
Contact Telephone:	415-463-0708
Contact Fax:	Not reported
Contact Email:	MARC.MOROLLA@PGE.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	PO BOX 7640
Mailing City,State,Zip:	SAN FRANCISCO, CA 94120
Owner Name:	Pacific Gas And Electric Company
Owner Type:	Other
Operator Name:	Marc Morolla
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20191108
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No

PACIFIC GAS AND ELECTRIC COMPANY (Continued) **1025860488**

Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PACIFIC GAS AND ELECTRIC COMPANY
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 7640
Owner/Operator City,State,Zip:	SAN FRANCISCO, CA 94120
Owner/Operator Telephone:	415-463-0708
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MARC MOROLLA
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2180 HARRISON STREET, ROOM 330
Owner/Operator City,State,Zip:	SAN FRANCISCO, CA 94110
Owner/Operator Telephone:	415-463-0708
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20191030
Handler Name:	PACIFIC GAS AND ELECTRIC COMPANY
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	221121
NAICS Description:	ELECTRIC BULK POWER TRANSMISSION AND CONTROL

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

6
WNW
< 1/8
0.109 mi.
576 ft.

GARY BARTLETT
239 OAKHURST PLACE
MENLO PARK, CA 94025

RCRA NonGen / NLR

1027451148
CAC003189045

Relative:
Higher

Actual:
20 ft.

RCRA Listings:

Date Form Received by Agency:	20220809
Handler Name:	Gary Bartlett
Handler Address:	239 OAKHURST PLACE
Handler City,State,Zip:	MENLO PARK, CA 94025
EPA ID:	CAC003189045
Contact Name:	GARY BARTLETT
Contact Address:	239 OAKHURST PLACE
Contact City,State,Zip:	MENLO PARK, CA 94025
Contact Telephone:	650-430-0374
Contact Fax:	Not reported
Contact Email:	GISELLE.ESPIRITU@SYNERGYCOMPANIES.ORG
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	239 OAKHURST PLACE
Mailing City,State,Zip:	MENLO PARK, CA 94025
Owner Name:	Gary Bartlett
Owner Type:	Other
Operator Name:	Gary Bartlett
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No

GARY BARTLETT (Continued) **1027451148**

Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20220811
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: GARY BARTLETT	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	239 OAKHURST PLACE
Owner/Operator City,State,Zip:	MENLO PARK, CA 94025
Owner/Operator Telephone:	650-430-0374
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: GARY BARTLETT	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	239 OAKHURST PLACE
Owner/Operator City,State,Zip:	MENLO PARK, CA 94025
Owner/Operator Telephone:	650-430-0374
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20220809
Handler Name: GARY BARTLETT	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

GARY BARTLETT (Continued) **1027451148**

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

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7 **ROWE, KATIE** **RCRA NonGen / NLR** **1025847501**
SSE **1055 DEL NORTE AVE** **CAC003027517**
< 1/8 **MENLO PARK, CA 94025**
0.110 mi.
580 ft.

Relative: Higher
Actual: 22 ft.

RCRA Listings:

Date Form Received by Agency:	20190802
Handler Name:	Rowe, Katie
Handler Address:	1055 DEL NORTE AVE
Handler City,State,Zip:	MENLO PARK, CA 94025-1733
EPA ID:	CAC003027517
Contact Name:	ROWE, KATIE
Contact Address:	1055 DEL NORTE AVE
Contact City,State,Zip:	MENLO PARK, CA 94025-1733
Contact Telephone:	562-773-7757
Contact Fax:	510-651-7702
Contact Email:	MICKIEL@PWSEI.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	1055 DEL NORTE AVE
Mailing City,State,Zip:	MENLO PARK, CA 94025-1733
Owner Name:	Rowe, Katie
Owner Type:	Other
Operator Name:	Rowe, Katie
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No

ROWE, KATIE (Continued) **1025847501**

Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20190910
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: ROWE, KATIE	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1055 DEL NORTE AVE
Owner/Operator City,State,Zip:	MENLO PARK, CA 94025-1733
Owner/Operator Telephone:	562-773-7757
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: ROWE, KATIE	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1055 DEL NORTE AVE
Owner/Operator City,State,Zip:	MENLO PARK, CA 94025-1733
Owner/Operator Telephone:	562-773-7757
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

ROWE, KATIE (Continued) **1025847501**

Historic Generators:
Receive Date: 20190802
Handler Name: ROWE, KATIE
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

C8 **MENLO PARK SENIOR CENTER** **San Mateo Co. BI** **S123179070**
NE **110 TERMINAL** **N/A**
1/8-1/4 **MENLO PARK, CA 94025**
0.152 mi.
805 ft. **Site 1 of 7 in cluster C**

Relative: **Lower**
Actual: **13 ft.**

San Mateo Co. BI:
Name: MENLO PARK SENIOR CENTER
Address: 110 TERMINAL
City,State,Zip: MENLO PARK, CA 94025
Region: SAN MATEO
Facility ID: FA0000067
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0041859
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

C9 **CITY OF MENLO PARK** **RCRA NonGen / NLR** **1027212719**
NE **100 TERMINAL AVE** **CAC003177239**
1/8-1/4 **MENLO PARK, CA 94025**
0.155 mi.
816 ft. **Site 2 of 7 in cluster C**

Relative: **Lower**
Actual: **13 ft.**

RCRA Listings:
Date Form Received by Agency: 20220520
Handler Name: City Of Menlo Park
Handler Address: 100 TERMINAL AVE
Handler City,State,Zip: MENLO PARK, CA 94025

CITY OF MENLO PARK (Continued) **1027212719**

EPA ID:	CAC003177239
Contact Name:	DON WEBER
Contact Address:	333 BURGESS DRIVE
Contact City,State,Zip:	MENLO PARK, CA 94025
Contact Telephone:	650-330-6790
Contact Fax:	Not reported
Contact Email:	DAWEBER@MENLOPARK.ORG
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	701 LAUREL STREET
Mailing City,State,Zip:	MENLO PARK, CA 94025
Owner Name:	City Of Menlo Park
Owner Type:	Other
Operator Name:	Don Weber
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20220523
Recognized Trader-Importer:	No

CITY OF MENLO PARK (Continued) **1027212719**

Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: CITY OF MENLO PARK	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	701 LAUREL STREET
Owner/Operator City,State,Zip:	MENLO PARK, CA 94025
Owner/Operator Telephone:	650-330-6790
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: DON WEBER	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	333 BURGESS DRIVE
Owner/Operator City,State,Zip:	MENLO PARK, CA 94025
Owner/Operator Telephone:	650-330-6790
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20220520
Handler Name: CITY OF MENLO PARK	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

List of NAICS Codes and Descriptions:

NAICS Code:	56299
NAICS Description:	ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations:	No Violations Found

CITY OF MENLO PARK (Continued) **1027212719**

Evaluation Action Summary:
Evaluations: No Evaluations Found

C10 **EPISCOPAL HOMES FOUNDATION** **San Mateo Co. BI** **S123182577**
NE **100 TERMINAL** **N/A**
1/8-1/4 **MENLO PARK, CA 94025**
0.155 mi.
816 ft. **Site 3 of 7 in cluster C**

Relative: San Mateo Co. BI:
Lower
Name: EPISCOPAL HOMES FOUNDATION
Actual: Address: 100 TERMINAL
13 ft. City,State,Zip: MENLO PARK, CA 94025
Region: SAN MATEO
Facility ID: FA0045742
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0060905
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

C11 **RAVENSWOOD FAMILY HLTH CLINIC @ BELLE HAVEN** **San Mateo Co. BI** **S123183242**
NE **100 TERMINAL** **N/A**
1/8-1/4 **MENLO PARK, CA 94025**
0.155 mi.
816 ft. **Site 4 of 7 in cluster C**

Relative: San Mateo Co. BI:
Lower
Name: RAVENSWOOD FAMILY HLTH CLINIC @ BELLE HAVEN
Actual: Address: 100 TERMINAL
13 ft. City,State,Zip: MENLO PARK, CA 94025
Region: SAN MATEO
Facility ID: FA0052088
Prog Element Code: SML QUANTITY GENERATOR(1-199lbs/Mo) OFF-SITE
Record Id: PR0072242
Description: SQG OFF-SITE TREATMENT (1-199 LB/MO)
Facility Status: Inactive, non-billable
Program Category: MEDICAL WASTE

C12 **BELLE HAVEN POOL** **San Mateo Co. BI** **S106498862**
NE **100 TERMINAL** **N/A**
1/8-1/4 **MENLO PARK, CA 94025**
0.155 mi.
816 ft. **Site 5 of 7 in cluster C**

Relative: San Mateo Co. BI:
Lower
Name: BELLE HAVEN POOL
Actual: Address: 100 TERMINAL
13 ft. City,State,Zip: MENLO PARK, CA 94025
Region: SAN MATEO
Facility ID: FA0026482
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0045855

BELLE HAVEN POOL (Continued) **S106498862**

Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER
Name:	BELLE HAVEN POOL
Address:	100 TERMINAL
City,State,Zip:	MENLO PARK, CA 94025
Region:	SAN MATEO
Facility ID:	FA0026482
Prog Element Code:	STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id:	PR0038388
Description:	STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status:	Active, billable
Program Category:	BUSINESS PLAN PROGRAM

C13 **CITY OF MENLO PARK** **RCRA NonGen / NLR** **1026819335**
NE **100 TERMINAL AVE.** **CAC003148311**
1/8-1/4 **MENLO PARK, CA 94025**
0.155 mi.
816 ft. **Site 6 of 7 in cluster C**

Relative: **Lower**

Actual: **13 ft.**

RCRA Listings:

Date Form Received by Agency:	20210730
Handler Name:	City Of Menlo Park
Handler Address:	100 TERMINAL AVE.
Handler City,State,Zip:	MENLO PARK, CA 94025
EPA ID:	CAC003132156
Contact Name:	KAREN PACHMAYER
Contact Address:	701 LAUREL STREET
Contact City,State,Zip:	MENLO PARK, CA 94025
Contact Telephone:	650-330-6756
Contact Fax:	Not reported
Contact Email:	KEPACHMAYER@MENLOPARK.ORG
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	701 LAUREL STREET
Mailing City,State,Zip:	MENLO PARK, CA 94025
Owner Name:	City Of Menlo Park
Owner Type:	Other
Operator Name:	Karen Pachmayer
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No

CITY OF MENLO PARK (Continued) **1026819335**

Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20210802
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: KAREN PACHMAYER	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	701 LAUREL STREET
Owner/Operator City,State,Zip:	MENLO PARK, CA 94025
Owner/Operator Telephone:	650-330-6756
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: CITY OF MENLO PARK	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	701 LAUREL STREET
Owner/Operator City,State,Zip:	MENLO PARK, CA 94025
Owner/Operator Telephone:	650-330-6740
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

CITY OF MENLO PARK (Continued) **1026819335**

Historic Generators:
Receive Date: 20210730
Handler Name: CITY OF MENLO PARK
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 236220
NAICS Description: COMMERCIAL AND INSTITUTIONAL BUILDING CONSTRUCTION

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

C14 **BELLE HAVEN COMMUNITY HLTH CTR** **San Mateo Co. BI** **S123180660**
NE **100 TERMINAL** **N/A**
1/8-1/4 **MENLO PARK, CA 94025**
0.155 mi.
816 ft. **Site 7 of 7 in cluster C**

Relative: Lower
Actual: 13 ft.

San Mateo Co. BI:
Name: BELLE HAVEN COMMUNITY HLTH CTR
Address: 100 TERMINAL
City,State,Zip: MENLO PARK, CA 94025
Region: SAN MATEO
Facility ID: FA0022979
Prog Element Code: SML QUANTITY GENERATOR(1-199lbs/Mo) OFF-SITE
Record Id: PR0025948
Description: SQG OFF-SITE TREATMENT (1-199 LB/MO)
Facility Status: Inactive, non-billable
Program Category: MEDICAL WASTE

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15 **LISSA ZELAYA** **RCRA NonGen / NLR** **1026801742**
SE **1068 TEHAMA AVENUE** **CAC003113702**
1/8-1/4 **MENLO PARK, CA 94025**
0.159 mi.
842 ft.

Relative: Higher
Actual: 21 ft.

RCRA Listings:
Date Form Received by Agency: 20210407
Handler Name: Lissa Zelaya
Handler Address: 1068 TEHAMA AVENUE
Handler City,State,Zip: MENLO PARK, CA 94025

LISSA ZELAYA (Continued) **1026801742**

EPA ID:	CAC003113702
Contact Name:	LISSA ZELAYA
Contact Address:	1068 TEHAMA AVENUE
Contact City,State,Zip:	MENLO PARK, CA 94025
Contact Telephone:	650-906-5957
Contact Fax:	Not reported
Contact Email:	ALONDRA.DIAZ@SYNERGYCOMPANIES.ORG
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	1068 TEHAMA AVENUE
Mailing City,State,Zip:	MENLO PARK, CA 94025
Owner Name:	Lissa Zelaya
Owner Type:	Other
Operator Name:	Lissa Zelaya
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20210415
Recognized Trader-Importer:	No

LISSA ZELAYA (Continued) **1026801742**

Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: LISSA ZELAYA	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1068 TEHAMA AVENUE
Owner/Operator City,State,Zip:	MENLO PARK, CA 94025
Owner/Operator Telephone:	650-906-5957
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: LISSA ZELAYA	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1068 TEHAMA AVENUE
Owner/Operator City,State,Zip:	MENLO PARK, CA 94025
Owner/Operator Telephone:	650-906-5957
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20210407
Handler Name: LISSA ZELAYA	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

List of NAICS Codes and Descriptions:

NAICS Code:	56299
NAICS Description:	ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations:	No Violations Found

LISSA ZELAYA (Continued) **1026801742**

Evaluation Action Summary:
Evaluations: No Evaluations Found

16
NW
1/8-1/4
0.162 mi.
856 ft.

MIKE WESCOTT **RCRA NonGen / NLR** **1024747034**
235 HEDGE ROAD **CAC002966806**
MENLO PARK, CA 94025

Relative:
Lower

Actual:
18 ft.

RCRA Listings:

Date Form Received by Agency:	20180615
Handler Name:	Mike Wescott
Handler Address:	235 HEDGE ROAD
Handler City,State,Zip:	MENLO PARK, CA 94025
EPA ID:	CAC002966806
Contact Name:	MIKE WESCOTT
Contact Address:	235 HEDGE ROAD
Contact City,State,Zip:	MENLO PARK, CA 94025
Contact Telephone:	650-704-7375
Contact Fax:	Not reported
Contact Email:	SHACARRAHENDERSON@ALLIANCE-ENVIRO.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	235 HEDGE ROAD
Mailing City,State,Zip:	MENLO PARK, CA 94025
Owner Name:	Mike Wescott
Owner Type:	Other
Operator Name:	Mike Wescott
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline

MIKE WESCOTT (Continued) **1024747034**

202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180831
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: MIKE WESCOTT	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	235 HEDGE ROAD
Owner/Operator City,State,Zip:	MENLO PARK, CA 94025
Owner/Operator Telephone:	650-704-7375
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: MIKE WESCOTT	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	235 HEDGE ROAD
Owner/Operator City,State,Zip:	MENLO PARK, CA 94025
Owner/Operator Telephone:	650-704-7375
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20180615
Handler Name: MIKE WESCOTT	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No

MIKE WESCOTT (Continued) **1024747034**

Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

D17 **GUINNESS UDV NORTH AMERICA** **RCRA-SQG** **1000163757**
NNW **151 COMMONWEALTH DR** **LUST** **CAD009130071**
1/8-1/4 **MENLO PARK, CA 94025** **HIST UST**
0.193 mi. **CA FID UST**
1020 ft. **Site 1 of 3 in cluster D** **FINDS**
ECHO
Relative: **Cortese**
Lower

Actual: **7 ft.**

RCRA Listings:
Date Form Received by Agency: 20010918
Handler Name: Guinness Udv North America
Handler Address: 151 COMMONWEALTH DR
Handler City,State,Zip: MENLO PARK, CA 94025
EPA ID: CAD009130071
Contact Name: PAUL CLIFFORD
Contact Address: 151 COMMONWEALTH DR
Contact City,State,Zip: MENLO PARK, CA 94025
Contact Telephone: 650-329-3287
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: Not reported
EPA Region: 09
Land Type: Private
Federal Waste Generator Description: Small Quantity Generator
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: Not reported
State District: Not reported
Mailing Address: 151 COMMONWEALTH DR
Mailing City,State,Zip: MENLO PARK, CA 94025
Owner Name: Guinness Udv North America
Owner Type: Private
Operator Name: Not Required
Operator Type: Private
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No

GUINNESS UDV NORTH AMERICA (Continued) **1000163757**

Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20021007
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D018
Waste Description:	BENZENE
Waste Code:	D035
Waste Description:	METHYL ETHYL KETONE
Waste Code:	D039
Waste Description:	TETRACHLOROETHYLENE

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	GUINNESS UDV NORTH AMERICA
Legal Status:	Private

GUINNESS UDV NORTH AMERICA (Continued) **1000163757**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	750 E MAIN ST
Owner/Operator City,State,Zip:	STAMFORD, CT 06901
Owner/Operator Telephone:	203-602-5000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name: NOT REQUIRED	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20010918
Handler Name:	GUINNESS UDV NORTH AMERICA
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	31214
NAICS Description:	DISTILLERIES

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

LUST REG 2:

Region:	2
Facility Id:	Not reported
Facility Status:	Case Closed
Case Number:	440006
How Discovered:	OM
Leak Cause:	Unknown
Leak Source:	Unknown
Date Leak Confirmed:	Not reported

GUINNESS UDV NORTH AMERICA (Continued) **1000163757**

Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

HIST UST:
Name: HEUBLEIN, INC.
Address: 151 COMMONWEALTH DR
City,State,Zip: MENLO PARK, CA 94025
File Number: Not reported
URL: Not reported
Region: STATE
Facility ID: 00000019400
Facility Type: Other
Other Type: SPIRITS
Contact Name: DEL KRAUSE
Telephone: 4153293240
Owner Name: HEUBLEIN, INC.
Owner Address: MUNSON ROAD
Owner City,St,Zip: FARMINGTON, CT 06032
Total Tanks: 0001

Tank Num: 001
Container Num: 1
Year Installed: 1957
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: Visual

CA FID UST:
Facility ID: 41000010
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 4153293241
Mail To: Not reported
Mailing Address: 151 COMMONWEALTH DR
Mailing Address 2: Not reported
Mailing City,St,Zip: MENLO PARK 94025
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

FINDS:
Registry ID: 110002146302

GUINNESS UDV NORTH AMERICA (Continued) **1000163757**

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:

US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.
California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS AIR POLLUTANT MAJOR
STATE MASTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000163757
Registry ID:	110002146302
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002146302
Name:	DIAGEO NORTH AMERICA, INC
Address:	151 COMMONWEALTH DRIVE
City,State,Zip:	MENLO PARK, CA 94025

CORTESE:

Name:	HEUBLEIN, INC.
Address:	151 COMMONWEALTH
City,State,Zip:	MENLO PARK, CA 94025
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0608100258
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

D18 **HEUBLEIN INC** **HIST UST** **S112999631**
NNW **151 COMMONWEALTH DRIVE** **HAZNET** **N/A**
1/8-1/4 **MENLO PARK, CA 94025** **HWTS**
0.193 mi.
1020 ft. **Site 2 of 3 in cluster D**

Relative:
Lower

Actual:
7 ft.

HIST UST:

Name:	HEUBLEIN INC
Address:	151 COMMONWEALTH DRIVE
City,State,Zip:	MENLO PARK, CA 94025
File Number:	0002bf28
URL:	https://documents.geotracker.waterboards.ca.gov/ustpdfs/pdf/0002bf28.pdf
Region:	Not reported
Facility ID:	Not reported
Facility Type:	Not reported
Other Type:	Not reported
Contact Name:	Not reported
Telephone:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Total Tanks:	Not reported
Tank Num:	Not reported
Container Num:	Not reported
Year Installed:	Not reported
Tank Capacity:	Not reported
Tank Used for:	Not reported
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Not reported

Click here for Geo Tracker PDF:

HAZNET:

Name:	DIAGEO NORTH AMERICA INC
Address:	151 COMMONWEALTH DR
Address 2:	Not reported
City,State,Zip:	MENLO PARK, CA 940250000
Contact:	FABIAN NODAL/OPERATIONS MGR
Telephone:	6503293242
Mailing Name:	Not reported
Mailing Address:	24460 W 143RD ST
Year:	2011
Gepaid:	CAD009130071
TSD EPA ID:	CAD008302903
CA Waste Code:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.035
Year:	2011
Gepaid:	CAD009130071
TSD EPA ID:	CAD008302903
CA Waste Code:	134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect

HEUBLEIN INC (Continued) **S112999631**

Tons:	71.6
Year:	2011
Gepaid:	CAD009130071
TSD EPA ID:	CAD008302903
CA Waste Code:	331 - Off-specification, aged or surplus organics
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	7.2
Year:	2011
Gepaid:	CAD009130071
TSD EPA ID:	CAD008302903
CA Waste Code:	551 - Laboratory waste chemicals
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.0375
Year:	2011
Gepaid:	CAD009130071
TSD EPA ID:	CAD008302903
CA Waste Code:	331 - Off-specification, aged or surplus organics
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.05
Year:	2011
Gepaid:	CAD009130071
TSD EPA ID:	CAD008302903
CA Waste Code:	222 - Oil/water separation sludge
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	1.6
Year:	2011
Gepaid:	CAD009130071
TSD EPA ID:	CA0000084517
CA Waste Code:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.45
Year:	2011
Gepaid:	CAD009130071
TSD EPA ID:	TXD055135388
CA Waste Code:	-
Disposal Method:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons:	0.0035
Year:	2011
Gepaid:	CAD009130071
TSD EPA ID:	CAT080014079
CA Waste Code:	141 - Off-specification, aged or surplus inorganics
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.4

HEUBLEIN INC (Continued) **S112999631**

Year:	2011
Gepaid:	CAD009130071
TSD EPA ID:	CAT080014079
CA Waste Code:	791 - Liquids with pH <= 2
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.2015

Click this hyperlink while viewing on your computer to access
106 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:

Year:	2011
Gen EPA ID:	CAD009130071
Shipment Date:	20111025
Creation Date:	4/11/2012 20:30:30
Receipt Date:	20111107
Manifest ID:	002915684SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY NEVADA
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.15
Waste Quantity:	300
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20111017
Creation Date:	12/13/2011 18:30:13
Receipt Date:	20111019
Manifest ID:	000544887VES
Trans EPA ID:	CAD982513632
Trans Name:	DENBESTE TRANSPORTATION
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect

HEUBLEIN INC (Continued) **S112999631**

Quantity Tons:	9.24
Waste Quantity:	2200
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20111017
Creation Date:	12/13/2011 18:30:13
Receipt Date:	20111018
Manifest ID:	000544886VES
Trans EPA ID:	CAD982513632
Trans Name:	DENBESTE TRANSPORTATION
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	21
Waste Quantity:	5000
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20111017
Creation Date:	12/13/2011 18:30:13
Receipt Date:	20111018
Manifest ID:	000544888VES
Trans EPA ID:	CAR000162040
Trans Name:	VEOLIA INDUSTRIAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	16.8
Waste Quantity:	4000
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported

HEUBLEIN INC (Continued) **S112999631**

Additional Code 5:	Not reported
Shipment Date:	20111014
Creation Date:	12/27/2011 18:30:48
Receipt Date:	20111019
Manifest ID:	000491879VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080014079
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	141 - Off-specification, aged, or surplus inorganics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20111014
Creation Date:	12/27/2011 18:30:48
Receipt Date:	20111019
Manifest ID:	000491879VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080014079
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	281 - Adhesives
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.15
Waste Quantity:	300
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20111014
Creation Date:	12/27/2011 18:30:48
Receipt Date:	20111019
Manifest ID:	000491879VES
Trans EPA ID:	NJD080631369

HEUBLEIN INC (Continued) **S112999631**

Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080014079
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20111014
Creation Date:	12/27/2011 18:30:22
Receipt Date:	20111020
Manifest ID:	000491878VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD982523433
Trans 2 Name:	DILLARD ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20111014
Creation Date:	12/27/2011 18:30:22
Receipt Date:	20111020
Manifest ID:	000491878VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD982523433
Trans 2 Name:	DILLARD ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported

HEUBLEIN INC (Continued) **S112999631**

Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.02
Waste Quantity:	40
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20111014
Creation Date:	12/9/2011 18:30:58
Receipt Date:	20111017
Manifest ID:	000491877VES
Trans EPA ID:	CAD982513632
Trans Name:	DENBESTE TRANSPORTATION
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	20.16
Waste Quantity:	4800
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2010
Gen EPA ID:	CAD009130071
Shipment Date:	20100707
Creation Date:	3/28/2011 18:30:20
Receipt Date:	20110119
Manifest ID:	002517531FLE
Trans EPA ID:	CAR000206086
Trans Name:	NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID:	CAR000172478
Trans 2 Name:	ENVIRONMENTAL LOGISTICS INC
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

HEUBLEIN INC (Continued) **S112999631**

Quantity Tons:	0.0455
Waste Quantity:	91
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100707
Creation Date:	3/31/2011 18:30:08
Receipt Date:	20110114
Manifest ID:	002517529FLE
Trans EPA ID:	CAR000206086
Trans Name:	NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SVC
TSDF EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS (SAN JOSE)
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.028
Waste Quantity:	56
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100707
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	002517531FLE
Trans EPA ID:	CAR000206086
Trans Name:	NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID:	CAR000172478
Trans 2 Name:	ENVIRONMENTAL LOGISTICS INC
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0225
Waste Quantity:	45
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported

HEUBLEIN INC (Continued) **S112999631**

Additional Code 5:	Not reported
Shipment Date:	20100707
Creation Date:	6/20/2011 18:30:31
Receipt Date:	20110119
Manifest ID:	002515806FLE
Trans EPA ID:	CAR000206086
Trans Name:	NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZ0000337360
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	U151
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	0.005
Waste Quantity:	10
Quantity Unit:	P
Additional Code 1:	D009
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100707
Creation Date:	3/28/2011 18:30:20
Receipt Date:	20110119
Manifest ID:	002517531FLE
Trans EPA ID:	CAR000206086
Trans Name:	NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID:	CAR000172478
Trans 2 Name:	ENVIRONMENTAL LOGISTICS INC
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.028
Waste Quantity:	56
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100707
Creation Date:	3/28/2011 18:30:20
Receipt Date:	20110119
Manifest ID:	002517531FLE
Trans EPA ID:	CAR000206086
Trans Name:	NORTH STATE ENVIRONMENTAL

HEUBLEIN INC (Continued) **S112999631**

Trans 2 EPA ID:	CAR000172478
Trans 2 Name:	ENVIRONMENTAL LOGISTICS INC
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.437
Waste Quantity:	115
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100707
Creation Date:	3/28/2011 18:30:20
Receipt Date:	20110119
Manifest ID:	002517531FLE
Trans EPA ID:	CAR000206086
Trans Name:	NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID:	CAR000172478
Trans 2 Name:	ENVIRONMENTAL LOGISTICS INC
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	2.2935
Waste Quantity:	550
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100624
Creation Date:	9/10/2010 18:30:40
Receipt Date:	20100707
Manifest ID:	002514069FLE
Trans EPA ID:	CAR000206086
Trans Name:	NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID:	CAR000172478
Trans 2 Name:	ENVIRONMENTAL LOGISTICS INC
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics

HEUBLEIN INC (Continued) **S112999631**

RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.625
Waste Quantity:	1250
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100624
Creation Date:	9/10/2010 18:30:40
Receipt Date:	20100707
Manifest ID:	002514069FLE
Trans EPA ID:	CAR000206086
Trans Name:	NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID:	CAR000172478
Trans 2 Name:	ENVIRONMENTAL LOGISTICS INC
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.39
Waste Quantity:	780
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100603
Creation Date:	8/30/2010 18:30:22
Receipt Date:	20100609
Manifest ID:	002514067FLE
Trans EPA ID:	CAR000206086
Trans Name:	NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID:	CAR000172478
Trans 2 Name:	ENVIRONMENTAL LOGISTICS INC
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.114
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported

HEUBLEIN INC (Continued) **S112999631**

Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2009
Gen EPA ID: CAD009130071

Shipment Date: 20090930
Creation Date: 4/12/2010 18:31:35
Receipt Date: 20091013
Manifest ID: 000973795GBF
Trans EPA ID: CAD983649880
Trans Name: GENERAL ENVIRONMENTAL MANAGEMENT INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD980884183
Trans Name: GEM RANCHO CORDOVA LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.2
Waste Quantity: 400
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20090930
Creation Date: Not reported
Receipt Date: Not reported
Manifest ID: 000973795GBF
Trans EPA ID: CAD983649880
Trans Name: GENERAL ENVIRONMENTAL MANAGEMENT INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD980884183
Trans Name: GEM RANCHO CORDOVA LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 331 - Off-specification, aged, or surplus organics
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.225
Waste Quantity: 450
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported

HEUBLEIN INC (Continued) **S112999631**

Additional Code 5:	Not reported
Shipment Date:	20090930
Creation Date:	4/12/2010 18:31:35
Receipt Date:	20091013
Manifest ID:	000973795GBF
Trans EPA ID:	CAD983649880
Trans Name:	GENERAL ENVIRONMENTAL MANAGEMENT INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980884183
Trans Name:	GEM RANCHO CORDOVA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0175
Waste Quantity:	35
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090930
Creation Date:	4/12/2010 18:31:35
Receipt Date:	20091013
Manifest ID:	000973795GBF
Trans EPA ID:	CAD983649880
Trans Name:	GENERAL ENVIRONMENTAL MANAGEMENT INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980884183
Trans Name:	GEM RANCHO CORDOVA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.005
Waste Quantity:	10
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090930
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000973795GBF
Trans EPA ID:	CAD983649880

HEUBLEIN INC (Continued) **S112999631**

Trans Name:	GENERAL ENVIRONMENTAL MANAGEMENT INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980884183
Trans Name:	GEM RANCHO CORDOVA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.4
Waste Quantity:	800
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090814
Creation Date:	9/23/2009 18:30:38
Receipt Date:	20090826
Manifest ID:	000973645GBF
Trans EPA ID:	CAD982468183
Trans Name:	DECON ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980884183
Trans Name:	GEM RANCHO CORDOVA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.01
Waste Quantity:	20
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090814
Creation Date:	9/23/2009 18:30:38
Receipt Date:	20090826
Manifest ID:	000973645GBF
Trans EPA ID:	CAD982468183
Trans Name:	DECON ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980884183
Trans Name:	GEM RANCHO CORDOVA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported

HEUBLEIN INC (Continued) **S112999631**

Waste Code Description:	141 - Off-specification, aged, or surplus inorganics
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.16
Waste Quantity:	320
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090603
Creation Date:	4/26/2010 15:53:58
Receipt Date:	20090612
Manifest ID:	000833328GBF
Trans EPA ID:	CAD983649880
Trans Name:	GENERAL ENVIRONMENTAL MANAGEMENT INC
Trans 2 EPA ID:	CAD982523433
Trans 2 Name:	DILLARD ENVIRONMENTAL
TSDF EPA ID:	CAD980884183
Trans Name:	GEM RANCHO CORDOVA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.015
Waste Quantity:	30
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090603
Creation Date:	4/26/2010 15:53:58
Receipt Date:	20090612
Manifest ID:	000833328GBF
Trans EPA ID:	CAD983649880
Trans Name:	GENERAL ENVIRONMENTAL MANAGEMENT INC
Trans 2 EPA ID:	CAD982523433
Trans 2 Name:	DILLARD ENVIRONMENTAL
TSDF EPA ID:	CAD980884183
Trans Name:	GEM RANCHO CORDOVA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.025
Waste Quantity:	50
Quantity Unit:	P

HEUBLEIN INC (Continued) **S112999631**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090603
Creation Date:	4/26/2010 15:53:58
Receipt Date:	20090612
Manifest ID:	000833328GBF
Trans EPA ID:	CAD983649880
Trans Name:	GENERAL ENVIRONMENTAL MANAGEMENT INC
Trans 2 EPA ID:	CAD982523433
Trans 2 Name:	DILLARD ENVIRONMENTAL
TSDF EPA ID:	CAD980884183
Trans Name:	GEM RANCHO CORDOVA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.12
Waste Quantity:	240
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2008
Gen EPA ID:	CAD009130071
Shipment Date:	20081215
Creation Date:	3/31/2009 18:30:08
Receipt Date:	20081223
Manifest ID:	000832949GBF
Trans EPA ID:	CAD983649880
Trans Name:	GENERAL ENVIRONMENTAL MANAGEMENT INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980884183
Trans Name:	GEM RANCHO CORDOVA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.1875
Waste Quantity:	375
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

HEUBLEIN INC (Continued) **S112999631**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20081215
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000832949GBF
Trans EPA ID:	CAD983649880
Trans Name:	GENERAL ENVIRONMENTAL MANAGEMENT INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980884183
Trans Name:	GEM RANCHO CORDOVA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.01
Waste Quantity:	20
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20081215
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000832949GBF
Trans EPA ID:	CAD983649880
Trans Name:	GENERAL ENVIRONMENTAL MANAGEMENT INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980884183
Trans Name:	GEM RANCHO CORDOVA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.02
Waste Quantity:	40
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20081215
Creation Date:	3/31/2009 18:30:08
Receipt Date:	20081223
Manifest ID:	000832949GBF

HEUBLEIN INC (Continued) **S112999631**

Trans EPA ID:	CAD983649880
Trans Name:	GENERAL ENVIRONMENTAL MANAGEMENT INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980884183
Trans Name:	GEM RANCHO CORDOVA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0175
Waste Quantity:	35
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20081215
Creation Date:	3/31/2009 18:30:08
Receipt Date:	20081223
Manifest ID:	000832949GBF
Trans EPA ID:	CAD983649880
Trans Name:	GENERAL ENVIRONMENTAL MANAGEMENT INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980884183
Trans Name:	GEM RANCHO CORDOVA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.39
Waste Quantity:	780
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20081215
Creation Date:	3/31/2009 18:30:08
Receipt Date:	20081223
Manifest ID:	000832949GBF
Trans EPA ID:	CAD983649880
Trans Name:	GENERAL ENVIRONMENTAL MANAGEMENT INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980884183
Trans Name:	GEM RANCHO CORDOVA LLC
TSDF Alt EPA ID:	Not reported

HEUBLEIN INC (Continued) **S112999631**

TSDF Alt Name:	Not reported
Waste Code Description:	141 - Off-specification, aged, or surplus inorganics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0325
Waste Quantity:	65
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080804
Creation Date:	10/10/2008 18:30:08
Receipt Date:	20080815
Manifest ID:	001363083JJK
Trans EPA ID:	CAD983649880
Trans Name:	GENERAL ENVIRONMENTAL MANAGEMENT INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS TRANSPORTATION INC
TSDF EPA ID:	CAD980884183
Trans Name:	GEM RANCHO CORDOVA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.005
Waste Quantity:	10
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080804
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	001363083JJK
Trans EPA ID:	CAD983649880
Trans Name:	GENERAL ENVIRONMENTAL MANAGEMENT INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS TRANSPORTATION INC
TSDF EPA ID:	CAD980884183
Trans Name:	GEM RANCHO CORDOVA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D009
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0005
Waste Quantity:	1

HEUBLEIN INC (Continued) **S112999631**

Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080804
Creation Date:	10/10/2008 18:30:08
Receipt Date:	20080815
Manifest ID:	001363083JJK
Trans EPA ID:	CAD983649880
Trans Name:	GENERAL ENVIRONMENTAL MANAGEMENT INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS TRANSPORTATION INC
TSDF EPA ID:	CAD980884183
Trans Name:	GEM RANCHO CORDOVA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080804
Creation Date:	10/10/2008 18:30:08
Receipt Date:	20080815
Manifest ID:	001363083JJK
Trans EPA ID:	CAD983649880
Trans Name:	GENERAL ENVIRONMENTAL MANAGEMENT INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS TRANSPORTATION INC
TSDF EPA ID:	CAD980884183
Trans Name:	GEM RANCHO CORDOVA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.06
Waste Quantity:	120
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

HEUBLEIN INC (Continued) **S112999631**

Additional Info:

Year:	2007
Gen EPA ID:	CAD009130071
Shipment Date:	20070529
Creation Date:	1/8/2008 18:31:12
Receipt Date:	20070622
Manifest ID:	000271058SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD
TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D008
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.1825
Waste Quantity:	365
Quantity Unit:	P
Additional Code 1:	D007
Additional Code 2:	D006
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20070514
Creation Date:	12/20/2007 18:30:34
Receipt Date:	20070531
Manifest ID:	000271875SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY NEVADA
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.075
Waste Quantity:	150
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20070514
Creation Date:	12/20/2007 18:30:34
Receipt Date:	20070531
Manifest ID:	000271875SKS

HEUBLEIN INC (Continued) **S112999631**

Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY NEVADA
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.2
Waste Quantity:	400
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20070514
Creation Date:	12/20/2007 18:30:34
Receipt Date:	20070531
Manifest ID:	000271876SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT
TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.2
Waste Quantity:	400
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20070514
Creation Date:	12/20/2007 18:30:34
Receipt Date:	20070531
Manifest ID:	000271876SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT
TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported

HEUBLEIN INC (Continued) **S112999631**

Waste Code Description:	121 - Alkaline solution (pH >12.5) with metals (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.02
Waste Quantity:	40
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20070213
Creation Date:	8/9/2007 18:30:38
Receipt Date:	20070215
Manifest ID:	000175618SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D039
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0834
Waste Quantity:	20
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20070212
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	001827417JJK
Trans EPA ID:	CAD982413262
Trans Name:	EVERGREEN ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	CAR000177527
Trans 2 Name:	PSC INDUSTRIAL OUTSOURCING INC
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY EMI
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.05
Waste Quantity:	100

HEUBLEIN INC (Continued) **S112999631**

Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20070212
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	001827417JJK
Trans EPA ID:	CAD982413262
Trans Name:	EVERGREEN ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	CAR000177527
Trans 2 Name:	PSC INDUSTRIAL OUTSOURCING INC
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY EMI
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.22935
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20070212
Creation Date:	6/25/2008 18:30:27
Receipt Date:	20070219
Manifest ID:	001827417JJK
Trans EPA ID:	CAD982413262
Trans Name:	EVERGREEN ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	CAR000177527
Trans 2 Name:	PSC INDUSTRIAL OUTSOURCING INC
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY EMI
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.00417
Waste Quantity:	1
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20070212

HEUBLEIN INC (Continued) **S112999631**

Creation Date:	6/25/2008 18:30:27
Receipt Date:	20070219
Manifest ID:	001827417JJK
Trans EPA ID:	CAD982413262
Trans Name:	EVERGREEN ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	CAR000177527
Trans 2 Name:	PSC INDUSTRIAL OUTSOURCING INC
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY EMI
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.005
Waste Quantity:	10
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2006
Gen EPA ID:	CAD009130071
Shipment Date:	20061120
Creation Date:	7/13/2007 18:30:28
Receipt Date:	20061208
Manifest ID:	001821731JJK
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D008
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.2
Waste Quantity:	400
Quantity Unit:	P
Additional Code 1:	D007
Additional Code 2:	D006
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20061018
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	001367670JJK
Trans EPA ID:	CAD983649880

HEUBLEIN INC (Continued) **S112999631**

Trans Name:	GENERAL ENVIRONMENTAL MGMT INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980884183
Trans Name:	GEM RANCHO CORDOVA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.374
Waste Quantity:	110
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20061018
Creation Date:	7/13/2007 18:30:33
Receipt Date:	20061024
Manifest ID:	001367670JJK
Trans EPA ID:	CAD983649880
Trans Name:	GENERAL ENVIRONMENTAL MGMT INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980884183
Trans Name:	GEM RANCHO CORDOVA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.114
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20061018
Creation Date:	7/13/2007 18:30:33
Receipt Date:	20061024
Manifest ID:	001367670JJK
Trans EPA ID:	CAD983649880
Trans Name:	GENERAL ENVIRONMENTAL MGMT INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980884183
Trans Name:	GEM RANCHO CORDOVA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported

HEUBLEIN INC (Continued) **S112999631**

Waste Code Description:	791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.4587
Waste Quantity:	110
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20061018
Creation Date:	7/13/2007 18:30:33
Receipt Date:	20061024
Manifest ID:	001367670JJK
Trans EPA ID:	CAD983649880
Trans Name:	GENERAL ENVIRONMENTAL MGMT INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980884183
Trans Name:	GEM RANCHO CORDOVA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.374
Waste Quantity:	110
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20061018
Creation Date:	7/13/2007 18:30:33
Receipt Date:	20061024
Manifest ID:	001367670JJK
Trans EPA ID:	CAD983649880
Trans Name:	GENERAL ENVIRONMENTAL MGMT INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980884183
Trans Name:	GEM RANCHO CORDOVA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.187
Waste Quantity:	55
Quantity Unit:	G

HEUBLEIN INC (Continued) **S112999631**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20061018
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	001367670JJK
Trans EPA ID:	CAD983649880
Trans Name:	GENERAL ENVIRONMENTAL MGMT INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980884183
Trans Name:	GEM RANCHO CORDOVA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.025
Waste Quantity:	50
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20061018
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	001367670JJK
Trans EPA ID:	CAD983649880
Trans Name:	GENERAL ENVIRONMENTAL MGMT INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980884183
Trans Name:	GEM RANCHO CORDOVA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.2
Waste Quantity:	400
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20061018

HEUBLEIN INC (Continued) **S112999631**

Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	001367670JJK
Trans EPA ID:	CAD983649880
Trans Name:	GENERAL ENVIRONMENTAL MGMT INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980884183
Trans Name:	GEM RANCHO CORDOVA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.25
Waste Quantity:	500
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20061018
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	001367670JJK
Trans EPA ID:	CAD983649880
Trans Name:	GENERAL ENVIRONMENTAL MGMT INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980884183
Trans Name:	GEM RANCHO CORDOVA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.25
Waste Quantity:	500
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2005
Gen EPA ID:	CAD009130071

Shipment Date:	20051025
Creation Date:	7/12/2006 18:30:47
Receipt Date:	20051025
Manifest ID:	24694291

HEUBLEIN INC (Continued) **S112999631**

Trans EPA ID:	CAD009452657
Trans Name:	ROMIC ENVIRONMENTAL TECH
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	ROMIC ENVIRONMENTAL TECH
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	21.7674
Waste Quantity:	5220
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20051021
Creation Date:	5/24/2006 18:32:16
Receipt Date:	20051021
Manifest ID:	24694248
Trans EPA ID:	CAD009452657
Trans Name:	ROMIC ENVIRONMENTAL TECH
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	ROMIC ENVIRONMENTAL TECH
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	18.0561
Waste Quantity:	4330
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20051021
Creation Date:	5/24/2006 18:32:16
Receipt Date:	20051021
Manifest ID:	24694247
Trans EPA ID:	CAD009452657
Trans Name:	ROMIC ENVIRONMENTAL TECH
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	ROMIC ENVIRONMENTAL TECH
TSDF Alt EPA ID:	CAD009452657

HEUBLEIN INC (Continued) **S112999631**

TSDF Alt Name:	Not reported
Waste Code Description:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	18.90261
Waste Quantity:	4533
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20051005
Creation Date:	8/23/2006 18:35:03
Receipt Date:	20051005
Manifest ID:	24415778
Trans EPA ID:	CAD983649880
Trans Name:	GENERAL ENVIRONMENTAL MGMT INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980884183
Trans Name:	GEM RANCHO CORDOVA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.225
Waste Quantity:	450
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20051005
Creation Date:	8/23/2006 18:35:03
Receipt Date:	20051005
Manifest ID:	24415778
Trans EPA ID:	CAD983649880
Trans Name:	GENERAL ENVIRONMENTAL MGMT INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980884183
Trans Name:	GEM RANCHO CORDOVA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.045
Waste Quantity:	90
Quantity Unit:	P
Additional Code 1:	Not reported

HEUBLEIN INC (Continued) **S112999631**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20051005
Creation Date:	8/23/2006 18:35:03
Receipt Date:	20051005
Manifest ID:	24415778
Trans EPA ID:	CAD983649880
Trans Name:	GENERAL ENVIRONMENTAL MGMT INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980884183
Trans Name:	GEM RANCHO CORDOVA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0375
Waste Quantity:	75
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20050930
Creation Date:	3/12/2006 18:31:42
Receipt Date:	20050930
Manifest ID:	24307098
Trans EPA ID:	CAD982523433
Trans Name:	DILLARD ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	ROMIC ENVIRONMENTAL TECHNOLOGIES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	20.85
Waste Quantity:	5000
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20050915
Creation Date:	1/13/2006 15:15:13
Receipt Date:	20050915

HEUBLEIN INC (Continued) **S112999631**

Manifest ID:	24686398
Trans EPA ID:	CAD982523433
Trans Name:	DILLARD ENVIRONMENTAL SVCS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	ROMIC ENVIRONMENTAL TECHNOLOGIES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	20.85
Waste Quantity:	5000
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2004
Gen EPA ID:	CAD009130071
Shipment Date:	20040308
Creation Date:	10/1/2004 9:42:42
Receipt Date:	20040324
Manifest ID:	23496603
Trans EPA ID:	CAD982413262
Trans Name:	EVERGREEN ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	CAD063547996
Trans 2 Name:	PHILIP TRANSPORATION & REMEDIATION INC
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTRURY EMI
TSDF Alt EPA ID:	NVD980895338
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	0.15
Waste Quantity:	300
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20040213
Creation Date:	8/20/2004 9:49:45
Receipt Date:	20040301
Manifest ID:	23008241
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	CAT000624247

HEUBLEIN INC (Continued) **S112999631**

Trans 2 Name:	MP ENIVRONMENTAL
TSDF EPA ID:	KYD053348108
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	KYD053348108
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.15
Waste Quantity:	300
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2003
Gen EPA ID:	CAD009130071
Shipment Date:	20031024
Creation Date:	8/3/2004 15:02:31
Receipt Date:	20031024
Manifest ID:	22975892
Trans EPA ID:	CAD009452657
Trans Name:	ROMIC ENVIRONMENTAL TECH
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	ROMIC ENVIRONMENTAL TECH
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	491 - Unspecified sludge waste
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	19.92426
Waste Quantity:	4778
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20031022
Creation Date:	8/3/2004 15:02:31
Receipt Date:	20031022
Manifest ID:	22975869
Trans EPA ID:	CAD009452657
Trans Name:	ROMIC ENVIRONMENTAL TECH
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	ROMIC ENVIRONMENTAL TECH
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported

HEUBLEIN INC (Continued) **S112999631**

Waste Code Description:	491 - Unspecified sludge waste
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	21.684
Waste Quantity:	5200
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20031021
Creation Date:	8/9/2004 8:46:09
Receipt Date:	20031106
Manifest ID:	22599234
Trans EPA ID:	CAD982413262
Trans Name:	EVERGREEN ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	CAD063547996
Trans 2 Name:	PHILIP TRANSPORATION & REMEDIATION INC
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY EMI
TSDF Alt EPA ID:	NVD980895338
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	0.125
Waste Quantity:	250
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20031021
Creation Date:	8/9/2004 8:46:09
Receipt Date:	20031106
Manifest ID:	22599234
Trans EPA ID:	CAD982413262
Trans Name:	EVERGREEN ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	CAD063547996
Trans 2 Name:	PHILIP TRANSPORATION & REMEDIATION INC
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY EMI
TSDF Alt EPA ID:	NVD980895338
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.02085
Waste Quantity:	5
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

HEUBLEIN INC (Continued) **S112999631**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20030520
Creation Date:	7/20/2004 12:51:42
Receipt Date:	20030611
Manifest ID:	22471446
Trans EPA ID:	CAD982413262
Trans Name:	Not reported
Trans 2 EPA ID:	CAD063547996
Trans 2 Name:	Not reported
TSDF EPA ID:	NVD980895338
Trans Name:	Not reported
TSDF Alt EPA ID:	NVD980895338
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20030505
Creation Date:	7/20/2004 12:51:42
Receipt Date:	20030522
Manifest ID:	22471542
Trans EPA ID:	CAD982413262
Trans Name:	Not reported
Trans 2 EPA ID:	CAD063547996
Trans 2 Name:	Not reported
TSDF EPA ID:	NVD980895338
Trans Name:	Not reported
TSDF Alt EPA ID:	NVD980895338
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	F003
Meth Code:	- Not reported
Quantity Tons:	0.06255
Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20030401
Creation Date:	7/12/2003 18:31:23
Receipt Date:	20030404
Manifest ID:	22440368
Trans EPA ID:	TXR000050930
Trans Name:	Not reported

HEUBLEIN INC (Continued) **S112999631**

Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.294
Waste Quantity:	70
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20030401
Creation Date:	7/12/2003 18:31:23
Receipt Date:	20030404
Manifest ID:	22440368
Trans EPA ID:	TXR000050930
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.168
Waste Quantity:	40
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20030117
Creation Date:	5/6/2003 18:31:20
Receipt Date:	20030121
Manifest ID:	22109902
Trans EPA ID:	TXR000050930
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station

HEUBLEIN INC (Continued) **S112999631**

Quantity Tons:	0.0714
Waste Quantity:	17
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20030103
Creation Date:	4/1/2003 18:31:07
Receipt Date:	20020103
Manifest ID:	99330275
Trans EPA ID:	CAD982468183
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	491 - Unspecified sludge waste
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	11.676
Waste Quantity:	2800
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2002
Gen EPA ID:	CAD009130071
Shipment Date:	20021230
Creation Date:	4/1/2003 18:31:07
Receipt Date:	20021230
Manifest ID:	22173760
Trans EPA ID:	CAD009452657
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	491 - Unspecified sludge waste
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	3.31932
Waste Quantity:	796
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported

HEUBLEIN INC (Continued) **S112999631**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20021112
Creation Date:	3/10/2003 18:31:29
Receipt Date:	Not reported
Manifest ID:	22143581
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.252
Waste Quantity:	60
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20021105
Creation Date:	2/13/2003 18:31:35
Receipt Date:	20021105
Manifest ID:	21757287
Trans EPA ID:	CAD982413262
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980887418
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.798
Waste Quantity:	210
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20020911
Creation Date:	1/27/2003 18:32:25
Receipt Date:	20020918
Manifest ID:	21902980
Trans EPA ID:	SCR000075150

HEUBLEIN INC (Continued) **S112999631**

Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD053044053
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D039
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.2919
Waste Quantity:	70
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20020626
Creation Date:	1/14/2003 18:31:21
Receipt Date:	20020628
Manifest ID:	21734849
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD053044053
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D039
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.19599
Waste Quantity:	47
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20020411
Creation Date:	1/8/2003 18:31:12
Receipt Date:	20020418
Manifest ID:	21582922
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD053044053
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D039

HEUBLEIN INC (Continued) **S112999631**

Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0834
Waste Quantity:	20
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20020122
Creation Date:	3/7/2002 0:00:00
Receipt Date:	20020123
Manifest ID:	21486552
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD053044053
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD053044053
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D039
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.2877
Waste Quantity:	69
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

HWTS:

Name:	DIAGEO NORTH AMERICA INC
Address:	151 COMMONWEALTH DR
Address 2:	Not reported
City,State,Zip:	MENLO PARK, CA 94025
EPA ID:	CAD009130071
Inactive Date:	11/18/2011
Create Date:	07/23/1982
Last Act Date:	Not reported
Mailing Name:	Not reported
Mailing Address:	24460 W 143RD ST
Mailing Address 2:	Not reported
Mailing City,State,Zip:	PLAINFIELD, IL 60544
Owner Name:	DIAGEO NORTH AMERICA INC
Owner Address:	801 MAIN AVE
Owner Address 2:	Not reported
Owner City,State,Zip:	NORWALK, CT 68510000
Contact Name:	FABIAN NODAL/OPERATIONS MGR
Contact Address:	151 COMMONWEALTH DR
Contact Address 2:	Not reported
City,State,Zip:	MENLO PARK, CA 940250000
Facility Status:	Inactive
Facility Type:	PERMANENT

HEUBLEIN INC (Continued) **S112999631**

Category: FEDERAL
Latitude: 37.480513
Longitude: -122.171415

NAICS:
EPA ID: CAD009130071
Create Date: 2004-10-20 10:23:57.043
NAICS Code: 31213
NAICS Description: Wineries
Issued EPA ID Date: 1982-07-23 00:00:00
Inactive Date: 2011-11-18 00:00:00
Facility Name: DIAGEO NORTH AMERICA INC
Facility Address: 151 COMMONWEALTH DR
Facility Address 2: Not reported
Facility City: MENLO PARK
Facility County: Not reported
Facility State: CA
Facility Zip: 940250000

D19 **DIAGED NORTH AMERICA, INC** **LUST** **S103632076**
NNW **151 COMMONWEALTH DRIVE** **SWEEPS UST** **N/A**
1/8-1/4 **MENLO PARK, CA 94025** **San Mateo Co. BI**
0.193 mi. **EMI**
1020 ft. **Site 3 of 3 in cluster D** **HIST CORTESE**
WDS
Relative: **CIWQS**
Lower **CERS**

Actual:
7 ft.

SAN MATEO CO. LUST:
Name: HEUBLEIN, INC.
Address: 151 COMMONWEALTH DR
City,State,Zip: MENLO PARK, CA
Region: SAN MATEO
Facility ID: 440006
Facility Status: 9- Case Closed
Global ID: T0608100258
APN Number: 055243240
Case Type: MENLO PARK, CA
EDR Link ID: MENLO PARK, CA

LUST:
Name: HEUBLEIN, INC.
Address: 151 COMMONWEALTH
City,State,Zip: MENLO PARK, CA 94025
Lead Agency: SAN MATEO COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608100258
Global Id: T0608100258
Latitude: 37.480053
Longitude: -122.171683
Status: Completed - Case Closed
Status Date: 06/16/1998
Case Worker: Not reported
RB Case Number: 41-0271
Local Agency: Not reported
File Location: Local Agency Warehouse
Local Case Number: 440006

DIAGED NORTH AMERICA, INC (Continued) **S103632076**

Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Gasoline
EPA Region:	9
Coordinate Source:	Google Map Move
Cuf Case:	NO
Quantity Released Gallons:	0
Begin Date:	01/20/1988
Leak Reported Date:	01/20/1988
How Discovered:	Other Means
How Discovered Description:	Not reported
Discharge Source:	Not reported
Discharge Cause:	Not reported
Stop Method:	Other Means
Stop Description:	Not reported
No Further Action Date:	06/16/1998
CA Water Watershed Name:	South Bay - San Mateo Bayside (204.40)
Dwr Groundwater Subbasin Name:	Santa Clara Valley - San Mateo Plain (2-009.03)
Disadvantaged Community:	Not reported
CA Enviroscreen 3 Score:	46-50%
CA Enviroscreen 4 Score:	60-65%
Military DOD Site:	No
Facility Project Subtype:	Not reported
RWQCB Region:	SAN FRANCISCO BAY RWQCB (REGION 2)
Site History:	Not reported

LUST:

Global Id:	T0608100258
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

Global Id:	T0608100258
Contact Type:	Regional Board Caseworker
Contact Name:	UUU
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

LUST:

Global Id:	T0608100258
Action Type:	RESPONSE
Date:	11/01/2006
Action:	Other Report / Document

Global Id:	T0608100258
Action Type:	ENFORCEMENT
Date:	01/20/1988
Action:	Notice of Responsibility - #1

Global Id:	T0608100258
Action Type:	Other

DIAGED NORTH AMERICA, INC (Continued) **S103632076**

Date: 01/20/1988
Action: Leak Reported

Global Id: T0608100258
Action Type: REMEDIATION
Date: 05/09/1989
Action: Pump & Treat (P&T) Groundwater

Global Id: T0608100258
Action Type: ENFORCEMENT
Date: 11/01/2006
Action: Technical Correspondence / Assistance / Other

Global Id: T0608100258
Action Type: ENFORCEMENT
Date: 01/27/2015
Action: Email Correspondence

Global Id: T0608100258
Action Type: Other
Date: 01/25/1988
Action: Leak Discovery

LUST:
Global Id: T0608100258
Status: Open - Case Begin Date
Status Date: 01/20/1988

Global Id: T0608100258
Status: Completed - Case Closed
Status Date: 06/16/1998

SWEEPS UST:
Name: HEUBLEIN INC
Address: 151 COMMONWEALTH DR
City: MENLO PARK
Status: Active
Comp Number: 440029
Number: 9
Board Of Equalization: Not reported
Referral Date: 01-28-94
Action Date: 01-28-94
Created Date: 10-13-88
Owner Tank Id: Not reported
SWRCB Tank Id: Not reported
Tank Status: Not reported
Capacity: Not reported
Active Date: Not reported
Tank Use: Not reported
STG: Not reported
Content: Not reported
Number Of Tanks: Not reported

San Mateo Co. BI:
Name: DIAGEO

DIAGED NORTH AMERICA, INC (Continued) **S103632076**

Address:	151 COMMONWEALTH
City,State,Zip:	MENLO PARK, CA 94025
Region:	SAN MATEO
Facility ID:	FA0017576
Prog Element Code:	STORES HAZ MAT >32000GAL, 240001LB, 112000FT3
Record Id:	PR0025067
Description:	STORES HAZ MAT >32000GAL, 224000LB, 112000CF
Facility Status:	Inactive, non-billable
Program Category:	BUSINESS PLAN PROGRAM

Name:	DIAGEO
Address:	151 COMMONWEALTH
City,State,Zip:	MENLO PARK, CA 94025
Region:	SAN MATEO
Facility ID:	FA0017576
Prog Element Code:	GEN 1-5 TONS HAZ WASTE/YR
Record Id:	PR0011458
Description:	GEN 1-5 TONS HAZ WASTE/YR
Facility Status:	Inactive, non-billable
Program Category:	HAZARDOUS WASTE PROGRAM

Name:	DIAGEO
Address:	151 COMMONWEALTH
City,State,Zip:	MENLO PARK, CA 94025
Region:	SAN MATEO
Facility ID:	FA0017576
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0040562
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER

Name:	DIAGEO
Address:	151 COMMONWEALTH
City,State,Zip:	MENLO PARK, CA 94025
Region:	SAN MATEO
Facility ID:	FA0009269
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0041952
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER

EMI:

Name:	HEUBLEIN INC
Address:	151 COMMONWEALTH DRIVE
City,State,Zip:	MENLO PARK, CA 94025
Year:	1995
County Code:	41
Air Basin:	SF
Facility ID:	9573
Air District Name:	BA
SIC Code:	2085
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0

DIAGED NORTH AMERICA, INC (Continued) **S103632076**

Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	1
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	HEUBLEIN INC
Address:	151 COMMONWEALTH DRIVE
City,State,Zip:	MENLO PARK, CA 94025
Year:	1996
County Code:	41
Air Basin:	SF
Facility ID:	9573
Air District Name:	BA
SIC Code:	2085
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	1
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	UNITED DISTILLERS & VINTNERS N
Address:	151 COMMONWEALTH DRIVE
City,State,Zip:	MENLO PARK, CA 94025
Year:	1997
County Code:	41
Air Basin:	SF
Facility ID:	9573
Air District Name:	BA
SIC Code:	2085
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	1
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	UNITED DISTILLERS & VINTNERS N
Address:	151 COMMONWEALTH DRIVE
City,State,Zip:	MENLO PARK, CA 94025
Year:	1998
County Code:	41
Air Basin:	SF
Facility ID:	9573
Air District Name:	BA
SIC Code:	2085
Air District Name:	BAY AREA AQMD

DIAGED NORTH AMERICA, INC (Continued) **S103632076**

Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	1
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	UNITED DISTILLERS & VINTNERS N
Address:	151 COMMONWEALTH DRIVE
City,State,Zip:	MENLO PARK, CA 94025
Year:	1999
County Code:	41
Air Basin:	SF
Facility ID:	9573
Air District Name:	BA
SIC Code:	2085
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	1
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	UNITED DISTILLERS & VINTNERS N
Address:	151 COMMONWEALTH DRIVE
City,State,Zip:	MENLO PARK, CA 94025
Year:	2000
County Code:	41
Air Basin:	SF
Facility ID:	9573
Air District Name:	BA
SIC Code:	2085
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	1
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	UNITED DISTILLERS & VINTNERS N
Address:	151 COMMONWEALTH DRIVE
City,State,Zip:	MENLO PARK, CA 94025
Year:	2001
County Code:	41
Air Basin:	SF
Facility ID:	9573

DIAGED NORTH AMERICA, INC (Continued) **S103632076**

Air District Name:	BA
SIC Code:	2085
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	1
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	DIAGED NORTH AMERICA, INC
Address:	151 COMMONWEALTH DRIVE
City,State,Zip:	MENLO PARK, CA 94025
Year:	2002
County Code:	41
Air Basin:	SF
Facility ID:	9573
Air District Name:	BA
SIC Code:	2085
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	1
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	DIAGED NORTH AMERICA, INC
Address:	151 COMMONWEALTH DRIVE
City,State,Zip:	MENLO PARK, CA 94025
Year:	2003
County Code:	41
Air Basin:	SF
Facility ID:	9573
Air District Name:	BA
SIC Code:	2085
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	1
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	DIAGEO NORTH AMERICA, INC
Address:	151 COMMONWEALTH DRIVE
City,State,Zip:	MENLO PARK, CA 94025
Year:	2004

DIAGED NORTH AMERICA, INC (Continued) **S103632076**

County Code:	41
Air Basin:	SF
Facility ID:	9573
Air District Name:	BA
SIC Code:	2085
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.016
Reactive Organic Gases Tons/Yr:	0.0067552
Carbon Monoxide Emissions Tons/Yr:	0.192
NOX - Oxides of Nitrogen Tons/Yr:	0.764
SOX - Oxides of Sulphur Tons/Yr:	0.004
Particulate Matter Tons/Yr:	0.016
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.016

Name:	DIAGEO NORTH AMERICA, INC
Address:	151 COMMONWEALTH DRIVE
City,State,Zip:	MENLO PARK, CA 94025
Year:	2005
County Code:	41
Air Basin:	SF
Facility ID:	9573
Air District Name:	BA
SIC Code:	2085
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.016
Reactive Organic Gases Tons/Yr:	.0067552
Carbon Monoxide Emissions Tons/Yr:	.192
NOX - Oxides of Nitrogen Tons/Yr:	.764
SOX - Oxides of Sulphur Tons/Yr:	.004
Particulate Matter Tons/Yr:	.016
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.016

Name:	DIAGEO NORTH AMERICA, INC
Address:	151 COMMONWEALTH DRIVE
City,State,Zip:	MENLO PARK, CA 94025
Year:	2006
County Code:	41
Air Basin:	SF
Facility ID:	9573
Air District Name:	BA
SIC Code:	2085
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.023
Reactive Organic Gases Tons/Yr:	.0126121
Carbon Monoxide Emissions Tons/Yr:	.21
NOX - Oxides of Nitrogen Tons/Yr:	.847
SOX - Oxides of Sulphur Tons/Yr:	.005
Particulate Matter Tons/Yr:	.022
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.021856

Name:	DIAGEO NORTH AMERICA, INC

DIAGED NORTH AMERICA, INC (Continued) **S103632076**

Address:	151 COMMONWEALTH DRIVE
City,State,Zip:	MENLO PARK, CA 94025
Year:	2007
County Code:	41
Air Basin:	SF
Facility ID:	9573
Air District Name:	BA
SIC Code:	2085
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.217
Reactive Organic Gases Tons/Yr:	.0924464
Carbon Monoxide Emissions Tons/Yr:	2.519
NOX - Oxides of Nitrogen Tons/Yr:	10.099
SOX - Oxides of Sulphur Tons/Yr:	.041
Particulate Matter Tons/Yr:	.217
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.216952

Name:	DIAGEO NORTH AMERICA, INC
Address:	151 COMMONWEALTH DRIVE
City,State,Zip:	MENLO PARK, CA 94025
Year:	2008
County Code:	41
Air Basin:	SF
Facility ID:	9573
Air District Name:	BA
SIC Code:	2085
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.017
Reactive Organic Gases Tons/Yr:	.0133949
Carbon Monoxide Emissions Tons/Yr:	.059
NOX - Oxides of Nitrogen Tons/Yr:	.266
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	.016
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.015664

Name:	DIAGEO NORTH AMERICA, INC
Address:	151 COMMONWEALTH DRIVE
City,State,Zip:	MENLO PARK, CA 94025
Year:	2009
County Code:	41
Air Basin:	SF
Facility ID:	9573
Air District Name:	BA
SIC Code:	2085
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	4.2000000000000003E-2
Reactive Organic Gases Tons/Yr:	0.0239499
Carbon Monoxide Emissions Tons/Yr:	0.23400000000000001
NOX - Oxides of Nitrogen Tons/Yr:	0.96499999999999997
SOX - Oxides of Sulphur Tons/Yr:	4.0000000000000001E-3
Particulate Matter Tons/Yr:	0.0303442622950819

DIAGED NORTH AMERICA, INC (Continued) **S103632076**

Part. Matter 10 Micrometers and Smllr Tons/Yr:2.9999999999999999E-2

Name:	DIAGEO NORTH AMERICA, INC
Address:	151 COMMONWEALTH DRIVE
City,State,Zip:	MENLO PARK, CA 94025
Year:	2010
County Code:	41
Air Basin:	SF
Facility ID:	9573
Air District Name:	BA
SIC Code:	2085
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2.9000000000000001E-2
Reactive Organic Gases Tons/Yr:	1.4316300000000001E-2
Carbon Monoxide Emissions Tons/Yr:	0.186
NOX - Oxides of Nitrogen Tons/Yr:	0.75700000000000001
SOX - Oxides of Sulphur Tons/Yr:	0.002
Particulate Matter Tons/Yr:	1.8098360655737701E-2
Part. Matter 10 Micrometers and Smllr Tons/Yr:	1.7999999999999999E-2

Name:	DIAGEO NORTH AMERICA, INC
Address:	151 COMMONWEALTH DRIVE
City,State,Zip:	MENLO PARK, CA 94025
Year:	2011
County Code:	41
Air Basin:	SF
Facility ID:	9573
Air District Name:	BA
SIC Code:	2085
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.029
Reactive Organic Gases Tons/Yr:	0.0143163
Carbon Monoxide Emissions Tons/Yr:	0.186
NOX - Oxides of Nitrogen Tons/Yr:	0.757
SOX - Oxides of Sulphur Tons/Yr:	0.002
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

HIST CORTESE:

edr_fname:	HEUBLEIN INC
edr_fadd1:	151 COMMONWEALTH
City,State,Zip:	MENLO PARK, CA
Region:	CORTESE
Facility County Code:	41
Reg By:	LTNKA
Reg Id:	41-0271

WDS:

Name:	UDV NORTH AMERICA INC
Address:	151 COMMONWEALTH DR
City:	MENLO PARK
Facility ID:	San Francisco Bay 41I005340

DIAGED NORTH AMERICA, INC (Continued) **S103632076**

Facility Type:	Not reported
Facility Status:	Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number:	CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion:	2
Facility Telephone:	Not reported
Facility Contact:	Not reported
Agency Name:	UDV NORTH AMERICA INC
Agency Address:	Not reported
Agency City,St,Zip:	0
Agency Contact:	Not reported
Agency Telephone:	Not reported
Agency Type:	Not reported
SIC Code:	0
SIC Code 2:	Not reported
Primary Waste Type:	Not reported
Primary Waste:	Not reported
Waste Type2:	Not reported
Waste2:	Not reported
Primary Waste Type:	Not reported
Secondary Waste:	Not reported
Secondary Waste Type:	Not reported
Design Flow:	0
Baseline Flow:	0
Reclamation:	Not reported
POTW:	Not reported
Treat To Water:	Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
Complexity:	Category C - Facilities having no waste treatment systems, such as cooling water dischargers or thosewho must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

CIWQS:

Name:	UDV NORTH AMERICA INC
Address:	151 COMMONWEALTH DR
City,State,Zip:	MENLO PARK, CA 94025
Agency:	UDV North America Inc
Agency Address:	6 Landmark Sq # Fl9, Stamford, CT 06901
Place/Project Type:	Industrial - Distilled and Blended Liquors
SIC/NAICS:	2085
Region:	2
Program:	INDSTW
Regulatory Measure Status:	Terminated
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	2 41I005340
NPDES Number:	CAS000001
Adoption Date:	Not reported
Effective Date:	04/10/1992

DIAGED NORTH AMERICA, INC (Continued) **S103632076**

Termination Date:	11/28/2007
Expiration/Review Date:	Not reported
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	37.48045
Longitude:	-122.17408

CERS:

Name:	DIAGEO NORTH AMERICA, INC
Address:	151 COMMONWEALTH DRIVE
City,State,Zip:	MENLO PARK, CA 94025-1105
Site ID:	472227
CERS ID:	110002146302
CERS Description:	US EPA Air Emission Inventory System (EIS)

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	UUU SAN FRANCISCO BAY RWQCB REGN 2ND
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	MARC MULLANEY SAN MATEO CNTY LOP
Entity Title:	Not reported
Affiliation Address:	2000 ALAMEDA DE LAS PULGAS
Affiliation City:	SANMATEO
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Environmental Contact
Entity Name:	PAUL CLIFFORD
Entity Title:	Not reported
Affiliation Address:	151 COMMONWEALTH DRIVE
Affiliation City:	MENLOPK
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Public Contact
Entity Name:	PETER SEREMET
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported

DIAGED NORTH AMERICA, INC (Continued) **S103632076**

Affiliation Zip: Not reported
Affiliation Phone: ,

Name: HEUBLEIN, INC.
Address: 151 COMMONWEALTH
City,State,Zip: MENLO PARK, CA 94025
Site ID: 245414
CERS ID: T0608100258
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY ST SUITE 1400
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Regional Board Caseworker
Entity Name: UUU - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY ST SUITE 1400
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

E20 **FLOOD PARK (SMCO)** **LUST** **U001594187**
WSW **215 BAY** **HIST UST** **N/A**
1/8-1/4 **MENLO PARK, CA 94025** **Cortese**
0.209 mi. **CERS**
1104 ft. **Site 1 of 3 in cluster E**

Relative: Higher
Actual: 25 ft.

SAN MATEO CO. LUST:
Name: FLOOD PARK (SMCO)
Address: 215 BAY RD
City,State,Zip: MENLO PARK, CA
Region: SAN MATEO
Facility ID: 440029
Facility Status: 9- Case Closed
Global ID: T0608100221
APN Number: 055311010
Case Type: MENLO PARK, CA
EDR Link ID: MENLO PARK, CA

LUST:
Name: FLOOD PARK (SMCO)
Address: 215 BAY
City,State,Zip: MENLO PARK, CA 94025
Lead Agency: SAN MATEO COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608100221

FLOOD PARK (SMCO) (Continued) **U001594187**

Global Id:	T0608100221
Latitude:	37.475011
Longitude:	-122.171509
Status:	Completed - Case Closed
Status Date:	09/10/1997
Case Worker:	Not reported
RB Case Number:	41-0232
Local Agency:	Not reported
File Location:	Local Agency
Local Case Number:	440029
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Gasoline
EPA Region:	9
Coordinate Source:	Google Geocode
Cuf Case:	NO
Quantity Released Gallons:	0
Begin Date:	12/23/1987
Leak Reported Date:	12/23/1987
How Discovered:	Other Means
How Discovered Description:	Not reported
Discharge Source:	Not reported
Discharge Cause:	Not reported
Stop Method:	Other Means
Stop Description:	Not reported
No Further Action Date:	09/10/1997
CA Water Watershed Name:	South Bay - San Mateo Bayside (204.40)
Dwr Groundwater Subbasin Name:	Santa Clara Valley - San Mateo Plain (2-009.03)
Disadvantaged Community:	Not reported
CA Enviroscreen 3 Score:	16-20%
CA Enviroscreen 4 Score:	5-10%
Military DOD Site:	No
Facility Project Subtype:	Not reported
RWQCB Region:	SAN FRANCISCO BAY RWQCB (REGION 2)
Site History:	Not reported

LUST:

Global Id:	T0608100221
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

Global Id:	T0608100221
Contact Type:	Regional Board Caseworker
Contact Name:	UUU
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

LUST:

Global Id:	T0608100221
Action Type:	ENFORCEMENT

FLOOD PARK (SMCO) (Continued) **U001594187**

Date: 09/24/1990
Action: Notice of Responsibility - #1

Global Id: T0608100221
Action Type: Other
Date: 12/23/1987
Action: Leak Reported

Global Id: T0608100221
Action Type: RESPONSE
Date: 11/01/2006
Action: Other Report / Document

Global Id: T0608100221
Action Type: ENFORCEMENT
Date: 11/01/2006
Action: Technical Correspondence / Assistance / Other

Global Id: T0608100221
Action Type: ENFORCEMENT
Date: 11/01/2006
Action: Technical Correspondence / Assistance / Other

Global Id: T0608100221
Action Type: ENFORCEMENT
Date: 04/03/1992
Action: Technical Correspondence / Assistance / Other

Global Id: T0608100221
Action Type: Other
Date: 05/29/1992
Action: Leak Discovery

LUST:
Global Id: T0608100221
Status: Open - Case Begin Date
Status Date: 12/23/1987

Global Id: T0608100221
Status: Completed - Case Closed
Status Date: 09/10/1997

LUST REG 2:
Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 440029
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported

FLOOD PARK (SMCO) (Continued) **U001594187**

Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

HIST UST:

Name:	FLOOD PARK
Address:	215 BAY ROAD
City,State,Zip:	MENLO PARK, CA 94025
File Number:	0002bdbc
URL:	https://documents.geotracker.waterboards.ca.gov/ustpdfs/pdf/0002bdbc.pdf
Region:	STATE
Facility ID:	00000038772
Facility Type:	Other
Other Type:	COUNTY PARK
Contact Name:	BOB EMERT
Telephone:	4153634020
Owner Name:	COUNTY OF SAN MATEO, DEPARTMEN
Owner Address:	590 HAMILTON, COUNTY GOVERNMEN
Owner City,St,Zip:	REDWOOD CITY, CA 94063
Total Tanks:	0002

Tank Num:	001
Container Num:	01
Year Installed:	Not reported
Tank Capacity:	00000750
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Visual

Tank Num:	002
Container Num:	02
Year Installed:	Not reported
Tank Capacity:	00000000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Visual

Click here for Geo Tracker PDF:

CORTESE:

Name:	FLOOD PARK (SMCO)
Address:	215 BAY
City,State,Zip:	MENLO PARK, CA 94025
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0608100221
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported

FLOOD PARK (SMCO) (Continued) **U001594187**

Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

CERS:

Name:	FLOOD PARK (SMCO)
Address:	215 BAY
City,State,Zip:	MENLO PARK, CA 94025
Site ID:	254692
CERS ID:	T0608100221
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	UUU - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

E21 **FLOOD PARK SMCO** **HIST CORTESE** **S104234101**
WSW **UNKNOWN BAY RD** **N/A**
1/8-1/4 **MENLO PARK, CA 94025**
0.209 mi.
1104 ft. **Site 2 of 3 in cluster E**

Relative:
Higher

Actual:
25 ft.

HIST CORTESE:

edr_fname:	FLOOD PARK SMCO
edr_fadd1:	UNKNOWN BAY RD
City,State,Zip:	MENLO PARK, CA 94025
Region:	CORTESE
Facility County Code:	41
Reg By:	LTNKA
Reg Id:	41-0232

edr_fname:	REDWOOD PLAZA SHOPPING CE
edr_fadd1:	UNKNOWN BAY RD

FLOOD PARK SMCO (Continued) **S104234101**

City,State,Zip: MENLO PARK, CA 94025
Region: CORTESE
Facility County Code: 41
Reg By: LTNKA
Reg Id: 41-0822

E22 **LARS BACKSTRONG AND JENNY YEN** **RCRA NonGen / NLR** **1026166749**
WSW **272 GREENOAKS DR** **CAC003066784**
1/8-1/4 **ATHERTON, CA 94027**
0.244 mi.
1290 ft. **Site 3 of 3 in cluster E**

Relative: **Higher**
Actual: **26 ft.**

RCRA Listings:

Date Form Received by Agency:	20200513
Handler Name:	Lars Backstrong And Jenny Yen
Handler Address:	272 GREENOAKS DR
Handler City,State,Zip:	ATHERTON, CA 94027-2158
EPA ID:	CAC003066784
Contact Name:	LARS BACKSTRONG AND JENNY YEN
Contact Address:	272 GREENOAKS DR
Contact City,State,Zip:	ATHERTON, CA 94027-2158
Contact Telephone:	510-475-7080
Contact Fax:	510-475-0140
Contact Email:	QACINC@HOTMAIL.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	272 GREENOAKS DR
Mailing City,State,Zip:	ATHERTON, CA 94027-2158
Owner Name:	Lars Backstrong And Jenny Yen
Owner Type:	Other
Operator Name:	Lars Backstrong And Jenny Yen
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline

LARS BACKSTRONG AND JENNY YEN (Continued) **1026166749**

2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20200515
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	LARS BACKSTRONG AND JENNY YEN
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	272 GREENOAKS DR
Owner/Operator City,State,Zip:	ATHERTON, CA 94027-2158
Owner/Operator Telephone:	510-475-7080
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	LARS BACKSTRONG AND JENNY YEN
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	272 GREENOAKS DR
Owner/Operator City,State,Zip:	ATHERTON, CA 94027-2158
Owner/Operator Telephone:	510-475-7080
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20200513
Handler Name:	LARS BACKSTRONG AND JENNY YEN
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No

LARS BACKSTRONG AND JENNY YEN (Continued) **1026166749**

Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	56299
NAICS Description:	ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

23
WSW
1/8-1/4
0.247 mi.
1302 ft.

MAYA KHANEBOUBI **RCRA NonGen / NLR** **1027521876**
153 BAY ROAD **CAC003214188**
MENLO PARK, CA 94025

Relative:
Higher

Actual:
23 ft.

RCRA Listings:

Date Form Received by Agency:	20230125
Handler Name:	Maya Khaneboubi
Handler Address:	153 BAY ROAD
Handler City,State,Zip:	MENLO PARK, CA 94025
EPA ID:	CAC003214188
Contact Name:	MAYA KHANEBOUBI
Contact Address:	153 BAY ROAD
Contact City,State,Zip:	MENLO PARK, CA 94025
Contact Telephone:	415-999-0850
Contact Fax:	Not reported
Contact Email:	TIFFANY.RELIANCE@GMAIL.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	153 BAY ROAD
Mailing City,State,Zip:	MENLO PARK, CA 94025
Owner Name:	Maya Khaneboubi
Owner Type:	Other
Operator Name:	Maya Khaneboubi
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No

MAYA KHANEBOUBI (Continued) **1027521876**

Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20230203
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: MAYA KHANEBOUBI	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	153 BAY ROAD
Owner/Operator City,State,Zip:	MENLO PARK, CA 94025
Owner/Operator Telephone:	415-999-0850
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: MAYA KHANEBOUBI	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	153 BAY ROAD

MAYA KHANEBOUBI (Continued) **1027521876**

Owner/Operator City,State,Zip: MENLO PARK, CA 94025
Owner/Operator Telephone: 415-999-0850
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20230125
Handler Name: MAYA KHANEBOUBI
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

24
NW
1/4-1/2
0.294 mi.
1550 ft.

EXPONENT INC
149 COMMONWEALTH
MENLO PARK, CA 94025

LUST **S101693035**
CPS-SLIC **N/A**
San Mateo Co. BI
HIST CORTESE
CERS

Relative:
Lower

Actual:
14 ft.

LUST REG 2:
Region: 2
Facility Id: 41-1144
Facility Status: Case Closed
Case Number: 449003
How Discovered: OM
Leak Cause: UNK
Leak Source: UNK
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: 6/6/1999

SLIC REG 2:

EXPONENT INC (Continued) **S101693035**

Region: 2
Facility ID: SLT2O097103
Facility Status: Leak being confirmed
Date Closed: Not reported
Local Case #: Not reported
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Confirmed: Not reported
Date Prelim Site Assmnt Workplan Submitted: Not reported
Date Preliminary Site Assessment Began: Not reported
Date Pollution Characterization Began: Not reported
Date Remediation Plan Submitted: Not reported
Date Remedial Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

CPS-SLIC:

Name:	149 COMMONWEALTH DR
Address:	149 COMMONWEALTH DR
City,State,Zip:	MENLO PARK, CA 94025
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	02/21/2017
Global Id:	SLT2O097103
Lead Agency:	SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number:	Not reported
Latitude:	37.4812306264116
Longitude:	-122.173855760574
Case Type:	Cleanup Program Site
Case Worker:	UUU
Local Agency:	Not reported
RB Case Number:	41S0026
File Location:	All Files are on GeoTracker or in the Local Agency Database
Potential Media Affected:	Not reported
Potential Contaminants of Concern:	Not reported
EPA Region:	9
Coordinate Source:	Google Map Move
Cuf Case:	NO
Quantity Released Gallons:	Not reported
Begin Date:	03/08/2001
Leak Reported Date:	Not reported
How Discovered:	Not reported
How Discovered Description:	Not reported
Discharge Source:	Not reported
Discharge Cause:	Not reported
Stop Method:	Not reported
Stop Description:	Not reported
No Further Action Date:	02/21/2017
CA Water Watershed Name:	South Bay - San Mateo Bayside (204.40)
Dwr Groundwater Subbasin Name:	Santa Clara Valley - San Mateo Plain (2-009.03)
Disadvantaged Community:	Severely Disadvantaged Community
CA Enviroscreen 3 Score:	46-50%
CA Enviroscreen 4 Score:	60-65%
Military DOD Site:	No
Facility Project Subtype:	Not reported
RWQCB Region:	SAN FRANCISCO BAY RWQCB (REGION 2)
Site History:	Groundwater samples collected at the site in 1987 and tested for

EXPONENT INC (Continued) **S101693035**

VOCs. Confirmed use of chemicals: hydrochloric acid and caustic soda, waste oil; a 500-gal AGST stored TPH-d for an emergency generator. Warehouse bldg. a former liquor store; Phase I Soil & GW Investigation for the Heublein Bldg project was conducted in1987 by Beta Associates for Lincoln Property Company. Two MWs were installed approximately 18.5 ft deep. Groundwater was encountered at 8.5 ft bgs; MW-2 (mostly sand below 8.5 ft) 630 ppb of TCE in GW; TCE in soil sample from MW-2 at 547 ppb, cis-1,2-DCE 60.4 ppb above action level of 5 and 16 ppb, respectively, TPH-d - < 50 ppb; ND for all constituents in soil samples. Additional 4 wells installed in 1987, no VOCs detected in soil samples.Groundwater monitoring data collected for over seven years indicated the presence of low levels of volatile organic compounds in shallow groundwater. Last groundwater sampling event in 1998. Concentrations of TCE had decreased significantly and only TCE was detectable in one well, MW-2, at a concentration of 5.3 ug/L. Board staff agreed that these chemicals most likely originated from an upgradient and off-site source. Permit from SMCo. obtained to decommission all onsite MWs in 1998. No further action letter sent to Exponent 10/21/1998.

Click here to access the California GeoTracker records for this facility:

San Mateo Co. BI:

Name:	EXPONENT INC
Address:	149 COMMONWEALTH
City,State,Zip:	MENLO PARK, CA 94025
Region:	SAN MATEO
Facility ID:	FA0012449
Prog Element Code:	GEN <1 TONS HAZ WASTE/YR
Record Id:	PR0011506
Description:	GEN <1 TONS HAZ WASTE/YR
Facility Status:	Active, billable
Program Category:	HAZARDOUS WASTE PROGRAM

Name:	EXPONENT INC
Address:	149 COMMONWEALTH
City,State,Zip:	MENLO PARK, CA 94025
Region:	SAN MATEO
Facility ID:	FA0012449
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0040540
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER

Name:	EXPONENT INC
Address:	149 COMMONWEALTH
City,State,Zip:	MENLO PARK, CA 94025
Region:	SAN MATEO
Facility ID:	FA0012449
Prog Element Code:	STORES HAZ MAT <1,199GAL,9,999LB,4,799FT3
Record Id:	PR0004166
Description:	STORES HAZ MAT <1,199GAL,9,999LB,4,799CF
Facility Status:	Active, billable
Program Category:	BUSINESS PLAN PROGRAM

Name:	VERIZON WIRELESS RAVENSWOOD

EXPONENT INC (Continued) **S101693035**

Address: 149 COMMONWEALTH
City,State,Zip: MENLO PARK, CA 94025
Region: SAN MATEO
Facility ID: FA0027675
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0044472
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

Name: VERIZON WIRELESS RAVENSWOOD
Address: 149 COMMONWEALTH
City,State,Zip: MENLO PARK, CA 94025
Region: SAN MATEO
Facility ID: FA0027675
Prog Element Code: STORES HAZ MAT <1,199GAL,9,999LB,4,799FT3
Record Id: PR0044471
Description: STORES HAZ MAT <1,199GAL,9,999LB,4,799CF
Facility Status: Active, billable
Program Category: BUSINESS PLAN PROGRAM

HIST CORTESE:
edr_fname: FAILURE ANALYSIS
edr_fadd1: 149 COMMONWEALTH
City,State,Zip: MENLO PARK, CA
Region: CORTESE
Facility County Code: 41
Reg By: LTNKA
Reg Id: 41-1144

CERS:
Name: 149 COMMONWEALTH DR
Address: 149 COMMONWEALTH DR
City,State,Zip: MENLO PARK, CA 94025
Site ID: 203349
CERS ID: SLT2O097103
CERS Description: Cleanup Program Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY ST SUITE 1400
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

F25
NNW
1/4-1/2
0.329 mi.
1737 ft.

THEME PARTY PRODUCTIONS
165 JEFFERSON DR
MENLO PARK, CA 94025

Site 1 of 2 in cluster F

CPS-SLIC **S124626869**
HWTS **N/A**

Relative:
Lower

Actual:
11 ft.

CPS-SLIC:

Name:	MENLO FLATS
Address:	165 JEFFERSON DRIVE
City,State,Zip:	MENLO PARK, CA 94025
Region:	STATE
Facility Status:	**Open - Site Assessment**
Status Date:	05/05/2020
Global Id:	T10000014256
Lead Agency:	SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number:	Not reported
Latitude:	37.48243
Longitude:	-122.17185
Case Type:	Cleanup Program Site
Case Worker:	KAW
Local Agency:	Not reported
RB Case Number:	41S0220
File Location:	All Files are on GeoTracker or in the Local Agency Database
Potential Media Affected:	Other Groundwater (uses other than drinking water), Soil Vapor, Under Investigation
Potential Contaminants of Concern:	Dichloroethene (DCE), Tetrachloroethylene (PCE), Trichloroethylene (TCE), Toluene
EPA Region:	9
Coordinate Source:	Not reported
Cuf Case:	NO
Quantity Released Gallons:	Not reported
Begin Date:	03/30/2020
Leak Reported Date:	Not reported
How Discovered:	Not reported
How Discovered Description:	Not reported
Discharge Source:	Not reported
Discharge Cause:	Not reported
Stop Method:	Not reported
Stop Description:	Not reported
No Further Action Date:	Not reported
CA Water Watershed Name:	South Bay - San Mateo Bayside (204.40)
Dwr Groundwater Subbasin Name:	Santa Clara Valley - San Mateo Plain (2-009.03)
Disadvantaged Community:	Severely Disadvantaged Community
CA Enviroscreen 3 Score:	46-50%
CA Enviroscreen 4 Score:	60-65%
Military DOD Site:	No
Facility Project Subtype:	Not reported
RWQCB Region:	SAN FRANCISCO BAY RWQCB (REGION 2)
Site History:	Raychem Corporation’s operations from 1978 to 1996 included chlorinated solvent (PCE) use and a solvent cleaning station. 1995 facility inspection reports document floor stains and a sump. TCE exceeds screening levels in groundwater. PCE, TCE, and VC exceed screening levels in soil vapor. As of 2020, the site is planned to be redeveloped into a six-story mixed use building with parking, commercial, and tenant amenities on the first and second floors and residential in the upper four floors. Remedial actions are being evaluated. A CLRRA agreement is being considered. Offsite properties at 155 and 165 Jefferson Drive are not required. 190 Constitution Drive vapor intrusion assessment is being conducted.

THEME PARTY PRODUCTIONS (Continued) **S124626869**

Click here to access the California GeoTracker records for this facility:

HWTS:

Name:	THEME PARTY PRODUCTIONS
Address:	165 JEFFERSON DR
Address 2:	Not reported
City,State,Zip:	MENLO PARK, CA 94025
EPA ID:	CAC002773910
Inactive Date:	09/05/2014
Create Date:	06/06/2014
Last Act Date:	Not reported
Mailing Name:	Not reported
Mailing Address:	165 JEFFERSON DR
Mailing Address 2:	Not reported
Mailing City,State,Zip:	MENLO PARK, CA 940251114
Owner Name:	JILL BANK
Owner Address:	165 JEFFERSON DR
Owner Address 2:	Not reported
Owner City,State,Zip:	MENLO PARK, CA 940251114
Contact Name:	JILL BANK
Contact Address:	165 JEFFERSON DR
Contact Address 2:	Not reported
City,State,Zip:	MENLO PARK, CA 940251114
Facility Status:	Inactive
Facility Type:	TEMPORARY
Category:	STATE
Latitude:	37.482003
Longitude:	-122.171767

NAICS:

EPA ID:	CAC002773910
Create Date:	2014-06-06 11:00:19.403
NAICS Code:	99999
NAICS Description:	Not Otherwise Specified
Issued EPA ID Date:	2014-06-06 11:00:19.40300
Inactive Date:	2014-09-05 11:00:19.40300
Facility Name:	THEME PARTY PRODUCTIONS
Facility Address:	165 JEFFERSON DR
Facility Address 2:	Not reported
Facility City:	MENLO PARK
Facility County:	Not reported
Facility State:	CA
Facility Zip:	940251114

F26 **MENLO FLATS** **BROWNFIELDS** **S126285291**
NNW **165 JEFFERSON DRIVE** **N/A**
1/4-1/2 **MENLO PARK, CA 94025**
0.329 mi.
1737 ft. **Site 2 of 2 in cluster F**

Relative:
Lower

Actual:
11 ft.

BROWNFIELDS:

Name:	MENLO FLATS
Address:	165 JEFFERSON DRIVE
City,State,Zip:	MENLO PARK, CA 94025
Global ID:	T10000014256
Latitude:	37.48243

MENLO FLATS (Continued) **S126285291**

Longitude:	-122.17185
Project Type:	Cleanup Program Site
Status:	Open - Site Assessment
Status Date:	05/05/2020
Lead Agency:	SAN FRANCISCO BAY RWQCB (REGION 2)
Last Correspondence Date:	10/07/2022
Release Type:	Not reported
Contaminant(s) of Concern:	Dichloroethene (DCE), Tetrachloroethylene (PCE), Trichloroethylene (TCE), Toluene
Media of Concern:	Other Groundwater (uses other than drinking water), Soil Vapor, Under Investigation
Past Use(s) that Caused Contamination:	MANUFACTURING - ELECTRONIC
Human Health Exposure Controlled:	INSUFFICIENT DATA
Human Health Exposure Controlled Date:	05/05/2020
Groundwater Migration Controlled:	UNDETERMINED
Groundwater Migration Controlled Date:	05/05/2020
Primary Caseworker Name:	KIMBERLEE WEST
Primary Caseworker Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Primary Caseworker Phone Number:	510-622-2432
Primary Caseworker Address:	1515 CLAY STREET
Primary Caseworker Address:	OAKLAND
Primary Caseworker Address:	CA
Primary Caseworker Email:	kimberlee.west@waterboards.ca.gov

G27 **MENLO PARK WEST CAMPUS** **ENVIROSTOR** **S110977138**
NNE **312-314 CONSTITUTION DRIVE** **VCP** **N/A**
1/4-1/2 **MENLO PARK, CA 94025** **DEED**
0.353 mi.
1863 ft. **Site 1 of 2 in cluster G**

Relative: **Lower**
Actual: **8 ft.**

ENVIROSTOR:

Name:	MENLO PARK WEST CAMPUS
Address:	312-314 CONSTITUTION DRIVE
City,State,Zip:	MENLO PARK, CA 94025
Facility ID:	60001437
Status:	Certified / Operation & Maintenance
Status Date:	06/30/2015
Site Code:	201902
Site Type:	Voluntary Cleanup
Site Type Detailed:	Voluntary Agreement
Acres:	22
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Robert Boggs
Supervisor:	Kimberly Walsh
Division Branch:	Cleanup Berkeley
Assembly:	24
Senate:	13
Special Program:	Not reported
Restricted Use:	YES
Site Mgmt Req:	NONE SPECIFIED
Funding:	Responsible Party
Latitude:	37.48102
Longitude:	-122.1533
APN:	055260210, 055260220
Past Use:	MANUFACTURING - ELECTRONIC
Potential COC:	Arsenic Total Chromium (1:6 ratio Cr VI:Cr III Polychlorinated biphenyls (PCBs Chlorobenzene 1,1-Dichloroethane

MENLO PARK WEST CAMPUS (Continued) **S110977138**

Confirmed COC: Arsenic Total Chromium (1:6 ratio Cr VI:Cr III 1,1-Dichloroethane
Polychlorinated biphenyls (PCBs Chlorobenzene
Potential Description: OTH, SOIL
Alias Name: Facebook West Campus
Alias Type: Alternate Name
Alias Name: Tyco Electronics Corporation
Alias Type: Alternate Name
Alias Name: 055260210
Alias Type: APN
Alias Name: 055260220
Alias Type: APN
Alias Name: 201902
Alias Type: Project Code (Site Code)
Alias Name: 60001437
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Correspondence - Received
Completed Date: 09/19/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/27/2021
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 03/12/2021
Comments: Ground water monitoring report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 03/06/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 11/09/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 03/31/2015
Comments: Work completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 01/25/2013
Comments: Not reported

MENLO PARK WEST CAMPUS (Continued) **S110977138**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 03/05/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 02/06/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 06/28/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 04/19/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 03/19/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 08/05/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 06/21/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Soils Management Plan
Completed Date: 06/14/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 10/07/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report

MENLO PARK WEST CAMPUS (Continued) **S110977138**

Completed Date: 07/30/2020
Comments: GW Monitoring report accepted. Changing to annual monitoring pending completion of remediation activities and development of long term monitoring plan.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Participation Plan / Community Relations Plan
Completed Date: 07/10/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 03/30/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Plan
Completed Date: 09/19/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 10/12/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 06/19/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 08/03/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 08/03/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 07/13/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Completion Report
Completed Date: 09/12/2014

MENLO PARK WEST CAMPUS (Continued) **S110977138**

Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 08/30/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 10/23/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 09/05/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 05/01/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 12/17/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 05/17/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 05/08/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 01/30/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 06/21/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE

MENLO PARK WEST CAMPUS (Continued) **S110977138**

Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 08/06/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 02/03/2020
Comments: GW Monitoring report accepted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 01/18/2012
Comments: Demand letter #1

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Standard Voluntary Agreement
Completed Date: 05/03/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Initial Study/ Neg. Declaration
Completed Date: 09/19/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 04/23/2012
Comments: Demand letter #3

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Responsible Agency Review
Completed Date: 01/30/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 04/23/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/21/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 08/06/2012

MENLO PARK WEST CAMPUS (Continued) **S110977138**

Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Standard Voluntary Agreement
Completed Date: 06/17/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/11/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 07/12/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/30/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Standard Voluntary Agreement
Completed Date: 03/25/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 02/26/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 11/05/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 06/30/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pre-HARP Form
Completed Date: 02/18/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE

MENLO PARK WEST CAMPUS (Continued) **S110977138**

Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 01/19/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Correspondence - Received
Completed Date: 10/07/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 05/14/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 07/13/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 09/16/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Consultation
Completed Date: 05/23/2011
Comments: NOP comments sent

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

VCP:
Name: MENLO PARK WEST CAMPUS
Address: 312-314 CONSTITUTION DRIVE
City,State,Zip: MENLO PARK, CA 94025
Facility ID: 60001437
Site Type: Voluntary Cleanup
Site Type Detail: Voluntary Agreement
Site Mgmt. Req.: NONE SPECIFIED
Acres: 22
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP

MENLO PARK WEST CAMPUS (Continued) **S110977138**

Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Robert Boggs
Supervisor:	Kimberly Walsh
Division Branch:	Cleanup Berkeley
Site Code:	201902
Assembly:	24
Senate:	13
Special Programs Code:	Not reported
Status:	Certified / Operation & Maintenance
Status Date:	06/30/2015
Restricted Use:	YES
Funding:	Responsible Party
Lat/Long:	37.48102 / -122.1533
APN:	055260210, 055260220
Past Use:	MANUFACTURING - ELECTRONIC
Potential COC:	30001, 30005, 30018, 30127, 30192
Confirmed COC:	30001,30005,30192,30018,30127
Potential Description:	OTH, SOIL
Alias Name:	Facebook West Campus
Alias Type:	Alternate Name
Alias Name:	Tyco Electronics Corporation
Alias Type:	Alternate Name
Alias Name:	055260210
Alias Type:	APN
Alias Name:	055260220
Alias Type:	APN
Alias Name:	201902
Alias Type:	Project Code (Site Code)
Alias Name:	60001437
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	*Correspondence - Received
Completed Date:	09/19/2011
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Annual Oversight Cost Estimate
Completed Date:	09/27/2021
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Monitoring Report
Completed Date:	03/12/2021
Comments:	Ground water monitoring report.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Annual Oversight Cost Estimate
Completed Date:	03/06/2020
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported

MENLO PARK WEST CAMPUS (Continued) **S110977138**

Completed Document Type: Other Report
Completed Date: 11/09/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 03/31/2015
Comments: Work completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 01/25/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 03/05/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 02/06/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 06/28/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 04/19/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 03/19/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 08/05/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 06/21/2013
Comments: Not reported

MENLO PARK WEST CAMPUS (Continued) **S110977138**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Soils Management Plan
Completed Date: 06/14/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 10/07/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 07/30/2020
Comments: GW Monitoring report accepted. Changing to annual monitoring pending completion of remediation activities and development of long term monitoring plan.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Participation Plan / Community Relations Plan
Completed Date: 07/10/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 03/30/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Plan
Completed Date: 09/19/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 10/12/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 06/19/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 08/03/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE

MENLO PARK WEST CAMPUS (Continued) **S110977138**

Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 08/03/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 07/13/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Completion Report
Completed Date: 09/12/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 08/30/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 10/23/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 09/05/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 05/01/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 12/17/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 05/17/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 05/08/2013

MENLO PARK WEST CAMPUS (Continued) **S110977138**

Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 01/30/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 06/21/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 08/06/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 02/03/2020
Comments: GW Monitoring report accepted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 01/18/2012
Comments: Demand letter #1

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Standard Voluntary Agreement
Completed Date: 05/03/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Initial Study/ Neg. Declaration
Completed Date: 09/19/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 04/23/2012
Comments: Demand letter #3

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Responsible Agency Review
Completed Date: 01/30/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE

MENLO PARK WEST CAMPUS (Continued) **S110977138**

Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 04/23/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/21/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 08/06/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Standard Voluntary Agreement
Completed Date: 06/17/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/11/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 07/12/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/30/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Standard Voluntary Agreement
Completed Date: 03/25/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 02/26/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 11/05/2012

MENLO PARK WEST CAMPUS (Continued) **S110977138**

Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 06/30/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pre-HARP Form
Completed Date: 02/18/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 01/19/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Correspondence - Received
Completed Date: 10/07/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 05/14/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 07/13/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 09/16/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Consultation
Completed Date: 05/23/2011
Comments: NOP comments sent

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported

MENLO PARK WEST CAMPUS (Continued) **S110977138**

Schedule Due Date: Not reported
Schedule Revised Date: Not reported

DEED:
Name: MENLO PARK WEST CAMPUS
Address: 312-314 CONSTITUTION DRIVE
City,State,Zip: MENLO PARK, CA 94025
Envirostor ID: 60001437
Area: PROJECT WIDE
Sub Area: Not reported
Site Type: VOLUNTARY CLEANUP
Status: CERTIFIED / OPERATION & MAINTENANCE
Agency: Not reported
Covenant Uploaded: Not reported
Deed Date(s): Not reported
File Name: Envirostor Land Use Restrictions

Name: MENLO PARK WEST CAMPUS
Address: 312-314 CONSTITUTION DRIVE
City,State,Zip: MENLO PARK, CA 94025
Envirostor ID: 60001437
Area: PROJECT WIDE
Sub Area: Not reported
Site Type: VOLUNTARY CLEANUP
Status: CERTIFIED / OPERATION & MAINTENANCE
Agency: Not reported
Covenant Uploaded: Not reported
Deed Date(s): Not reported
File Name: Envirostor Land Use Restrictions

G28 **TE CONNECTIVITY LTD** **CORRACTS** **1024248041**
NNE **305 CONSTITUTION DR.** **RCRA-TSDF** **CAD009125527**
1/4-1/2 **MENLO PARK, CA 94025** **US INST CONTROLS**
0.360 mi. **RCRA NonGen / NLR**
1902 ft. **Site 2 of 2 in cluster G** **US FIN ASSUR**

Relative: **Lower**
Actual: **7 ft.**

CORRACTS:
Name: TE CONNECTIVITY LTD
Address: 305 CONSTITUTION DR.
Address 2: Not reported
EPA ID: CAD009125527
Area Name: OFFSITE SOIL
Corrective Action: INVESTIGATION WORKPLAN APPROVED
Actual Date: 20040604
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: TE CONNECTIVITY LTD
Address: 305 CONSTITUTION DR.
Address 2: Not reported
EPA ID: CAD009125527
Area Name: OFFSITE SOIL
Corrective Action: INVESTIGATION COMPLETE
Actual Date: 20041004
Air Release Indicator: Not reported

TE CONNECTIVITY LTD (Continued) **1024248041**

Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: TE CONNECTIVITY LTD
Address: 305 CONSTITUTION DR.
Address 2: Not reported
EPA ID: CAD009125527
Area Name: OFFSITE SOIL
Corrective Action: STABILIZATION MEASURES EVALUATION-FACILITY NOT AMENABLE TO STABILIZATION
Actual Date: 20050426
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: TE CONNECTIVITY LTD
Address: 305 CONSTITUTION DR.
Address 2: Not reported
EPA ID: CAD009125527
Area Name: ENTIRE FACILITY
Corrective Action: CMS COMPLETE
Actual Date: 20060710
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: TE CONNECTIVITY LTD
Address: 305 CONSTITUTION DR.
Address 2: Not reported
EPA ID: CAD009125527
Area Name: ENTIRE FACILITY
Corrective Action: CMI WORKPLAN APPROVED
Actual Date: 20021010
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: TE CONNECTIVITY LTD
Address: 305 CONSTITUTION DR.
Address 2: Not reported
EPA ID: CAD009125527
Area Name: EAST AND OFFSITE OF THE FACILITY
Corrective Action: INVESTIGATION WORKPLAN APPROVED
Actual Date: 20021007
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: TE CONNECTIVITY LTD
Address: 305 CONSTITUTION DR.
Address 2: Not reported
EPA ID: CAD009125527

TE CONNECTIVITY LTD (Continued) **1024248041**

Area Name: ENTIRE FACILITY
Corrective Action: INVESTIGATION COMPLETE
Actual Date: 20040305
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: TE CONNECTIVITY LTD
Address: 305 CONSTITUTION DR.
Address 2: Not reported
EPA ID: CAD009125527
Area Name: ENTIRE FACILITY
Corrective Action: DATE FOR PUBLIC NOTICE ON PROPOSED REMEDY
Actual Date: 20060727
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: TE CONNECTIVITY LTD
Address: 305 CONSTITUTION DR.
Address 2: Not reported
EPA ID: CAD009125527
Area Name: EAST AND OFFSITE OF THE FACILITY
Corrective Action: INVESTIGATION COMPLETE
Actual Date: 20021007
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: TE CONNECTIVITY LTD
Address: 305 CONSTITUTION DR.
Address 2: Not reported
EPA ID: CAD009125527
Area Name: ENTIRE FACILITY
Corrective Action: INSTITUTIONAL CONTROLS ESTABLISHED-GOVERNMENTAL CONTROL
Actual Date: 20070119
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: TE CONNECTIVITY LTD
Address: 305 CONSTITUTION DR.
Address 2: Not reported
EPA ID: CAD009125527
Area Name: ENTIRE FACILITY
Corrective Action: STABILIZATION/INTERIM MEASURES DECISION-PRIMARY MEAS IS SOURCE REMOVL and/OR TRT
Actual Date: 20070202
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

TE CONNECTIVITY LTD (Continued) **1024248041**

Click this hyperlink while viewing on your computer to access
15 additional CORRACTS: record(s) in the EDR Site Report.

RCRA TSDF:

Treatment Storage and Disposal Type:	Storage
Full Enforcement Universe:	Storage
Corrective Action Workload Universe:	Yes
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Storage
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
Operating TSDF Universe:	Not reported
Commercial TSD Indicator:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Storage
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	Yes
TSDFs Only Subject to CA under Discretionary Auth Universe:	No

Biennial: List of Years

Year: 2019

Click Here for Biennial Reporting System Data:
Year: 2017

Click Here for Biennial Reporting System Data:
Year: 2015

Click Here for Biennial Reporting System Data:
Year: 2013

Click Here for Biennial Reporting System Data:
Year: 2011

Click Here for Biennial Reporting System Data:
Year: 2009

Click Here for Biennial Reporting System Data:
Year: 2007

Click Here for Biennial Reporting System Data:
Year: 2005

Click Here for Biennial Reporting System Data:
Year: 2003

Click Here for Biennial Reporting System Data:
Year: 2001

Click Here for Biennial Reporting System Data:

US INST CONTROLS:

Name:	TE CONNECTIVITY LTD
Address:	305 CONSTITUTION DR.
Address 2:	Not reported

TE CONNECTIVITY LTD (Continued) **1024248041**

City,State,Zip:	MENLO PARK, CA 94025-0000
EPA ID:	CAD009125527
Action Name:	Not reported
Action ID:	Not reported
Operable Unit:	Not reported
Actual Date:	Not reported
Contaminated Media:	Not reported
Event Code:	CA772GC
Contact Name:	STEPHEN DOUGLAS
Contact Telephone:	650-361-3022
Event:	INSTITUTIONAL CONTROLS ESTABLISHED-GOVERNMENTAL CONTROL
Federal Facility:	Not reported
Fiscal Year:	Not reported
NPL Status:	Not reported
Superfund Alternative Agreement:	Not reported
Latitude:	Not reported
Longitude:	Not reported

Name:	TE CONNECTIVITY LTD
Address:	305 CONSTITUTION DR.
Address 2:	Not reported
City,State,Zip:	MENLO PARK, CA 94025-0000
EPA ID:	CAD009125527
Action Name:	Not reported
Action ID:	Not reported
Operable Unit:	Not reported
Actual Date:	Not reported
Contaminated Media:	Not reported
Event Code:	CA772GC
Contact Name:	STEPHEN DOUGLAS
Contact Telephone:	650-361-3022
Event:	INSTITUTIONAL CONTROLS ESTABLISHED-GOVERNMENTAL CONTROL
Federal Facility:	Not reported
Fiscal Year:	Not reported
NPL Status:	Not reported
Superfund Alternative Agreement:	Not reported
Latitude:	Not reported
Longitude:	Not reported

Name:	TE CONNECTIVITY LTD
Address:	305 CONSTITUTION DR.
Address 2:	Not reported
City,State,Zip:	MENLO PARK, CA 94025-0000
EPA ID:	CAD009125527
Action Name:	Not reported
Action ID:	Not reported
Operable Unit:	Not reported
Actual Date:	Not reported
Contaminated Media:	Not reported
Event Code:	CA772PR
Contact Name:	STEPHEN DOUGLAS
Contact Telephone:	650-361-3022
Event:	INSTITUTIONAL CONTROLS ESTABLISHED-PROPRIETARY CONTROL
Federal Facility:	Not reported
Fiscal Year:	Not reported
NPL Status:	Not reported
Superfund Alternative Agreement:	Not reported

TE CONNECTIVITY LTD (Continued) **1024248041**

Latitude: Not reported
Longitude: Not reported

RCRA Listings:

Date Form Received by Agency:	20200227
Handler Name:	Te Connectivity Ltd
Handler Address:	305 CONSTITUTION DR.
Handler City,State,Zip:	MENLO PARK, CA 94025-0000
EPA ID:	CAD009125527
Contact Name:	STEPHEN DOUGLAS
Contact Address:	PASEO PADRE PKWY
Contact City,State,Zip:	FREMONT, CA 94555
Contact Telephone:	650-361-3022
Contact Fax:	650-361-3696
Contact Email:	SDOUGLAS@TE.COM
Contact Title:	EHS MANAGER
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	2019
Accessibility:	Not reported
Active Site Indicator:	Permitting Activities, Corrective Action Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	CONSTITUTION DR.
Mailing City,State,Zip:	MENLO PARK, CA 94025-0000
Owner Name:	Hibiscus Properties Llc
Owner Type:	Private
Operator Name:	Te Connectivity Ltd
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	Yes
Subject to Corrective Action Universe:	Yes
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	Yes
Human Exposure Controls Indicator:	Yes

TE CONNECTIVITY LTD (Continued) **1024248041**

Groundwater Controls Indicator:	Yes
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Corrective Action
Handler Date of Last Change:	20201001
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Biennial: List of Years
Year: 2019

Click Here for Biennial Reporting System Data:
Year: 2017

Click Here for Biennial Reporting System Data:
Year: 2015

Click Here for Biennial Reporting System Data:
Year: 2013

Click Here for Biennial Reporting System Data:
Year: 2011

Click Here for Biennial Reporting System Data:
Year: 2009

Click Here for Biennial Reporting System Data:
Year: 2007

Click Here for Biennial Reporting System Data:
Year: 2005

Click Here for Biennial Reporting System Data:
Year: 2003

Click Here for Biennial Reporting System Data:
Year: 2001

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D002
Waste Description:	CORROSIVE WASTE
Waste Code:	D003
Waste Description:	REACTIVE WASTE

TE CONNECTIVITY LTD (Continued) **1024248041**

Waste Code: D004
Waste Description: ARSENIC

Waste Code: D005
Waste Description: BARIUM

Waste Code: D006
Waste Description: CADMIUM

Waste Code: D007
Waste Description: CHROMIUM

Waste Code: D008
Waste Description: LEAD

Waste Code: D009
Waste Description: MERCURY

Waste Code: D010
Waste Description: SELENIUM

Waste Code: D011
Waste Description: SILVER

Waste Code: D018
Waste Description: BENZENE

Waste Code: D022
Waste Description: CHLOROFORM

Waste Code: D026
Waste Description: CRESOL

Waste Code: D035
Waste Description: METHYL ETHYL KETONE

Waste Code: D038
Waste Description: PYRIDINE

Waste Code: D039
Waste Description: TETRACHLOROETHYLENE

Waste Code: F001
Waste Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F002
Waste Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2,

TE CONNECTIVITY LTD (Continued) **1024248041**

TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F004
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: CRESOLS, CRESYLIC ACID, AND NITROBENZENE; AND THE STILL BOTTOMS FROM THE RECOVERY OF THESE SOLVENTS; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F005
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: LABP
Waste Description: LAB PACK

Waste Code: P003
Waste Description: 2-PROPENAL (OR) ACROLEIN

Waste Code: P005
Waste Description: 2-PROPEN-1-OL (OR) ALLYL ALCOHOL

Waste Code: P015
Waste Description: BERYLLIUM

Waste Code: P029
Waste Description: COPPER CYANIDE (OR) COPPER CYANIDE CU(CN)

Waste Code: P030
Waste Description: CYANIDES (SOLUBLE CYANIDE SALTS), NOT OTHERWISE SPECIFIED

Waste Code: P087
Waste Description: OSMIUM OXIDE OSO4, (T-4)- (OR) OSMIUM TETROXIDE

TE CONNECTIVITY LTD (Continued) **1024248041**

Waste Code: P098
Waste Description: POTASSIUM CYANIDE (OR) POTASSIUM CYANIDE K(CN)

Waste Code: P099
Waste Description: ARGENTATE (1-), BIS(CYANO-C)-, POTASSIUM (OR) POTASSIUM SILVER CYANIDE

Waste Code: P105
Waste Description: SODIUM AZIDE

Waste Code: U002
Waste Description: 2-PROPANONE (I) (OR) ACETONE (I)

Waste Code: U012
Waste Description: ANILINE (I,T) (OR) BENZENAMINE (I,T)

Waste Code: U044
Waste Description: CHLOROFORM (OR) METHANE, TRICHLORO-

Waste Code: U057
Waste Description: CYCLOHEXANONE (I)

Waste Code: U069
Waste Description: 1,2-BENZENEDICARBOXYLIC ACID, DIBUTYL ESTER (OR) DIBUTYL PHTHALATE

Waste Code: U080
Waste Description: METHANE, DICHLORO- (OR) METHYLENE CHLORIDE

Waste Code: U082
Waste Description: 2,6-DICHLOROPHENOL (OR) PHENOL, 2,6-DICHLORO-

Waste Code: U133
Waste Description: HYDRAZINE (R,T)

Waste Code: U134
Waste Description: HYDROFLUORIC ACID (C,T) (OR) HYDROGEN FLUORIDE (C,T)

Waste Code: U147
Waste Description: 2,5-FURANDIONE (OR) MALEIC ANHYDRIDE

Waste Code: U160
Waste Description: 2-BUTANONE, PEROXIDE (R,T) (OR) METHYL ETHYL KETONE PEROXIDE (R,T)

Waste Code: U196
Waste Description: PYRIDINE

Waste Code: U201
Waste Description: 1,3-BENZENEDIOL (OR) RESORCINOL

Waste Code: U202
Waste Description: 1,2-BENZISOTHIAZOL-3(2H)-ONE, 1,1-DIOXIDE, & SALTS (OR) SACCHARIN, & SALTS

Waste Code: U208
Waste Description: 1,1,1,2-TETRACHLOROETHANE (OR) ETHANE, 1,1,1,2-TETRACHLORO-

Waste Code: U209
Waste Description: 1,1,2,2-TETRACHLOROETHANE (OR) ETHANE, 1,1,2,2-TETRACHLORO-

TE CONNECTIVITY LTD (Continued) **1024248041**

Waste Code: U220
Waste Description: BENZENE, METHYL- (OR) TOLUENE

Waste Code: U239
Waste Description: BENZENE, DIMETHYL- (I,T) (OR) XYLENE (I)

Waste Code: U244
Waste Description: THIOPEROXYDICARBONIC DIAMIDE [(H2N)C(S)]2S2, TETRAMETHYL- (OR) THIRAM

Waste Code: U404
Waste Description: U404

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: TYCO ELECTRONICS	
Legal Status:	Private
Date Became Current:	19991001
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: TE CONNECTIVITY LTD	
Legal Status:	Private
Date Became Current:	19991001
Date Ended Current:	Not reported
Owner/Operator Address:	305 CONSTITUTION DR.
Owner/Operator City,State,Zip:	MENLO PARK, CA 94025-0000
Owner/Operator Telephone:	650-361-3022
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	650-361-3696
Owner/Operator Email:	SDOUGLAS@TE.COM

Owner/Operator Indicator:	Operator
Owner/Operator Name: TYCO ELECTRONICS	
Legal Status:	Private
Date Became Current:	19991001
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: HIBISCUS PROPERTIES LLC	
Legal Status:	Private
Date Became Current:	20140904
Date Ended Current:	Not reported
Owner/Operator Address:	1 HACKER WAY
Owner/Operator City,State,Zip:	MENLO PARK, CA 94025
Owner/Operator Telephone:	650-308-7300

TE CONNECTIVITY LTD (Continued) **1024248041**

Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: INFO@FACEBOOK.COM

Owner/Operator Indicator: Operator
Owner/Operator Name: TE CONNECTIVITY LTD
Legal Status: Private
Date Became Current: 19991001
Date Ended Current: Not reported
Owner/Operator Address: 305 CONSTITUTION DR.
Owner/Operator City,State,Zip: MENLO PARK, CA 94025-0000
Owner/Operator Telephone: 650-361-3022
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: 650-361-3696
Owner/Operator Email: SDOUGLAS@TE.COM

Owner/Operator Indicator: Operator
Owner/Operator Name: RAYCHEM CORPORATION
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 300 CONSTITUTION DR
Owner/Operator City,State,Zip: CITY NOT REPORTED, CA 99999
Owner/Operator Telephone: 415-361-3333
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: TYCO ELECTRONICS
Legal Status: Private
Date Became Current: 19991001
Date Ended Current: Not reported
Owner/Operator Address: TYCO ELECTRONICS
Owner/Operator City,State,Zip: MENLO PARK, CA 94025
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: TYCO ELECTRONICS CORP.
Legal Status: Private
Date Became Current: 19991001
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: TE CONNECTIVITY LTD
Legal Status: Private
Date Became Current: 19991001
Date Ended Current: Not reported

TE CONNECTIVITY LTD (Continued) **1024248041**

Owner/Operator Address:	305 CONSTITUTION DR.
Owner/Operator City,State,Zip:	MENLO PARK, CA 94025-0000
Owner/Operator Telephone:	650-361-3022
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	650-361-3696
Owner/Operator Email:	SDOUGLAS@TE.COM
Owner/Operator Indicator:	Owner
Owner/Operator Name: HIBISCUS PROPERTIES LLC	
Legal Status:	Private
Date Became Current:	20140904
Date Ended Current:	Not reported
Owner/Operator Address:	1 HACKER WAY
Owner/Operator City,State,Zip:	MENLO PARK, CA 94025
Owner/Operator Telephone:	650-308-7300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	INFO@FACEBOOK.COM
Owner/Operator Indicator:	Operator
Owner/Operator Name: TYCO ELECTRONICS CORPORATION	
Legal Status:	Private
Date Became Current:	19990801
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name: HIBISCUS PROPERTIES	
Legal Status:	Private
Date Became Current:	20140904
Date Ended Current:	Not reported
Owner/Operator Address:	1 HACKER WAY
Owner/Operator City,State,Zip:	MENLO PARK, CA 94025
Owner/Operator Telephone:	650-391-3750
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name: TYCO ELECTRONICS	
Legal Status:	Private
Date Became Current:	19991001
Date Ended Current:	Not reported
Owner/Operator Address:	300 CONSTITUTION DR.
Owner/Operator City,State,Zip:	MENLO PARK, CA 94025
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name: TYCO ELECTRONICS	

TE CONNECTIVITY LTD (Continued) **1024248041**

Legal Status:	Private
Date Became Current:	19991001
Date Ended Current:	Not reported
Owner/Operator Address:	300 CONSTITUTION DR.
Owner/Operator City,State,Zip:	MENLO PARK, CA 94025
Owner/Operator Telephone:	650-361-3022
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: TYCO ELECTRONICS CORP.	
Legal Status:	Private
Date Became Current:	19991001
Date Ended Current:	Not reported
Owner/Operator Address:	304 CONSTITUTION DR.
Owner/Operator City,State,Zip:	MENLO PARK, CA 94025
Owner/Operator Telephone:	650-361-3099
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: TYCO ELECTRONICS CORP	
Legal Status:	Private
Date Became Current:	19990801
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: TYCO ELECTRONICS CORPORATION	
Legal Status:	Private
Date Became Current:	19991001
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: TYCO ELECTRONICS CORP.	
Legal Status:	Private
Date Became Current:	19991001
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

TE CONNECTIVITY LTD (Continued) **1024248041**

Owner/Operator Indicator:	Owner
Owner/Operator Name: HIBISCUS PROPERTIES LLC	
Legal Status:	Private
Date Became Current:	20140904
Date Ended Current:	Not reported
Owner/Operator Address:	1 HACKER WAY
Owner/Operator City,State,Zip:	MENLO PARK, CA 94025
Owner/Operator Telephone:	650-391-3750
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: TE CONNECTIVITY LTD	
Legal Status:	Private
Date Became Current:	19990801
Date Ended Current:	Not reported
Owner/Operator Address:	305 CONSTITUTION DR.
Owner/Operator City,State,Zip:	MENLO PARK, CA 94025
Owner/Operator Telephone:	650-361-3022
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: TYCO ELECTRONICS	
Legal Status:	Private
Date Became Current:	19991001
Date Ended Current:	Not reported
Owner/Operator Address:	TYCO ELECTRONICS
Owner/Operator City,State,Zip:	MENLO PARK, CA 94025
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: TYCO ELECTRONICS CORPORATION	
Legal Status:	Private
Date Became Current:	19990801
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: TYCO ELECTRONICS CORPORATION	
Legal Status:	Private
Date Became Current:	19991001
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported

TE CONNECTIVITY LTD (Continued) **1024248041**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name: TYCO ELECTRONICS	
Legal Status:	Private
Date Became Current:	19991001
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name: TYCO ELECTRONICS CORP.	
Legal Status:	Private
Date Became Current:	19991001
Date Ended Current:	Not reported
Owner/Operator Address:	304 CONSTITUTION DR.
Owner/Operator City,State,Zip:	MENLO PARK, CA 94025
Owner/Operator Telephone:	650-361-3022
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name: HIBISCUS PROPERTIES LLC	
Legal Status:	Private
Date Became Current:	20140904
Date Ended Current:	Not reported
Owner/Operator Address:	1 HACKER WAY
Owner/Operator City,State,Zip:	MENLO PARK, CA 94025
Owner/Operator Telephone:	650-308-7300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	INFO@FACEBOOK.COM
Owner/Operator Indicator:	Owner
Owner/Operator Name: TYCO ELECTRONICS	
Legal Status:	Private
Date Became Current:	19991001
Date Ended Current:	Not reported
Owner/Operator Address:	P.O. BOX 3608
Owner/Operator City,State,Zip:	HARRISBURG, PA 17105
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name: TYCO ELECTRONICS	
Legal Status:	Private
Date Became Current:	19991001
Date Ended Current:	Not reported
Owner/Operator Address:	P.O. BOX 3608

TE CONNECTIVITY LTD (Continued) **1024248041**

Owner/Operator City,State,Zip:	HARRISBURG, PA 17105
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name: RAYCHEM CORPORATION	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	300 CONSTITUTION DR
Owner/Operator City,State,Zip:	MENLO PARK, CA 94025
Owner/Operator Telephone:	415-361-3333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name: TYCO ELECTRONICS	
Legal Status:	Private
Date Became Current:	19991001
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20100929
Handler Name: TYCO ELECTRONICS	
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	Yes
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	20120316
Handler Name: TYCO ELECTRONICS	
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	Yes
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

TE CONNECTIVITY LTD (Continued) **1024248041**

Receive Date: 20140301
Handler Name: TYCO ELECTRONICS CORP.
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: Yes
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20160225
Handler Name: TYCO ELECTRONICS CORPORATION
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20180717
Handler Name: TE CONNECTIVITY LTD
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20200227
Handler Name: TE CONNECTIVITY LTD
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20200224
Handler Name: TE CONNECTIVITY
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No

TE CONNECTIVITY LTD (Continued) **1024248041**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

Receive Date:	19960901
Handler Name:	RAYCHEM CORP
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	CA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	19800814
Handler Name:	RAYCHEM CORP
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	CA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20030127
Handler Name:	TYCO ELECTRONICS CORPORATION
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	CA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20140917
Handler Name:	TYCO ELECTRONICS CORP
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

TE CONNECTIVITY LTD (Continued) **1024248041**

Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20180307
Handler Name: TE CONNECTIVITY LTD
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 19900430
Handler Name: RAYCHEM CORP
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19920221
Handler Name: RAYCHEM - MAIN SITE
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19940420
Handler Name: RAYCHEM CORP
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19960311
Handler Name: RAYCHEM CORPORATION-MAIN SITE

TE CONNECTIVITY LTD (Continued) **1024248041**

Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19990304
Handler Name: RAYCHEM CORPORATION-MAIN SITE
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20001012
Handler Name: RAYCHEM CORPORATION
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20020226
Handler Name: RAYCHEM CORPORATION (TYCO ELECTRONICS)
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20040225
Handler Name: TYCO ELECTRONICS
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No

TE CONNECTIVITY LTD (Continued) **1024248041**

Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20060227
Handler Name: TYCO ELECTRONICS	
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20080227
Handler Name: TYCO ELECTRONICS	
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	Yes
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	325211
NAICS Description:	PLASTICS MATERIAL AND RESIN MANUFACTURING
NAICS Code:	32551
NAICS Description:	PAINT AND COATING MANUFACTURING
NAICS Code:	325991
NAICS Description:	CUSTOM COMPOUNDING OF PURCHASED RESINS
NAICS Code:	326121
NAICS Description:	UNLAMINATED PLASTICS PROFILE SHAPE MANUFACTURING
NAICS Code:	326199
NAICS Description:	ALL OTHER PLASTICS PRODUCT MANUFACTURING
NAICS Code:	326299
NAICS Description:	ALL OTHER RUBBER PRODUCT MANUFACTURING
NAICS Code:	331491
NAICS Description:	NONFERROUS METAL (EXCEPT COPPER AND ALUMINUM) ROLLING, DRAWING, AND EXTRUDING
NAICS Code:	332919
NAICS Description:	OTHER METAL VALVE AND PIPE FITTING MANUFACTURING

TE CONNECTIVITY LTD (Continued) **1024248041**

NAICS Code: 334415
NAICS Description: ELECTRONIC RESISTOR MANUFACTURING

NAICS Code: 334417
NAICS Description: ELECTRONIC CONNECTOR MANUFACTURING

NAICS Code: 335929
NAICS Description: OTHER COMMUNICATION AND ENERGY WIRE MANUFACTURING

NAICS Code: 339999
NAICS Description: ALL OTHER MISCELLANEOUS MANUFACTURING

NAICS Code: 561439
NAICS Description: OTHER BUSINESS SERVICE CENTERS (INCLUDING COPY SHOPS)

NAICS Code: 81292
NAICS Description: PHOTOFINISHING

Has the Facility Received Notices of Violations:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

TE CONNECTIVITY LTD (Continued) **1024248041**

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - General
Date Violation was Determined:	19880830
Actual Return to Compliance Date:	19890421
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	008
Date of Enforcement Action:	19920506
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

TE CONNECTIVITY LTD (Continued) **1024248041**

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement Responsible Person: R9STA
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Financial Requirements
Date Violation was Determined: 19880802
Actual Return to Compliance Date: 19880819
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 008
Date of Enforcement Action: 19920506
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement Responsible Person: R9STA
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

TE CONNECTIVITY LTD (Continued) **1024248041**

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Financial Requirements
Date Violation was Determined:	19880802
Actual Return to Compliance Date:	19880819
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	19880816
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

TE CONNECTIVITY LTD (Continued) **1024248041**

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: R9STA
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: LDR - General
Date Violation was Determined: 19880830
Actual Return to Compliance Date: 19890421
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 009
Date of Enforcement Action: 19920511
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement Responsible Person: R9STA
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 425000
Paid Amount: Not reported
Final Count: 1
Final Amount: 425000

TE CONNECTIVITY LTD (Continued) **1024248041**

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	19880830
Actual Return to Compliance Date:	19890421
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	008
Date of Enforcement Action:	19920506
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

TE CONNECTIVITY LTD (Continued) **1024248041**

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement Responsible Person: R9STA
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General
Date Violation was Determined: 19880830
Actual Return to Compliance Date: 19890421
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 004
Date of Enforcement Action: 19900427
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: REFERRAL TO ATTORNEY GENERAL
Enforcement Responsible Person: R9STA
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

TE CONNECTIVITY LTD (Continued) **1024248041**

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	19880830
Actual Return to Compliance Date:	19890421
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	19890112
Enforcement Identifier:	003
Date of Enforcement Action:	19890106
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	R9STA
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

TE CONNECTIVITY LTD (Continued) **1024248041**

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: TSD - Financial Requirements
Date Violation was Determined: 19920820
Actual Return to Compliance Date: 19930101
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: EPA
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

TE CONNECTIVITY LTD (Continued) **1024248041**

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - General
Date Violation was Determined:	19880830
Actual Return to Compliance Date:	19890421
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	19890112
Enforcement Identifier:	003
Date of Enforcement Action:	19890106
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	R9STA
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

TE CONNECTIVITY LTD (Continued) **1024248041**

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General
Date Violation was Determined: 19880830
Actual Return to Compliance Date: 19890421
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 008
Date of Enforcement Action: 19920506
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement Responsible Person: R9STA
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

TE CONNECTIVITY LTD (Continued) **1024248041**

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	19880830
Actual Return to Compliance Date:	19890421
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	19890112
Enforcement Identifier:	003
Date of Enforcement Action:	19890106
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	R9STA
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

TE CONNECTIVITY LTD (Continued) **1024248041**

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 20040224
Actual Return to Compliance Date: 20040404
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 501
Date of Enforcement Action: 20040302
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

TE CONNECTIVITY LTD (Continued) **1024248041**

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - General
Date Violation was Determined:	19880830
Actual Return to Compliance Date:	19890421
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	004
Date of Enforcement Action:	19900427
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

TE CONNECTIVITY LTD (Continued) **1024248041**

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: REFERRAL TO ATTORNEY GENERAL
Enforcement Responsible Person: R9STA
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General
Date Violation was Determined: 19880830
Actual Return to Compliance Date: 19890421
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 004
Date of Enforcement Action: 19900427
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: REFERRAL TO ATTORNEY GENERAL
Enforcement Responsible Person: R9STA
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

TE CONNECTIVITY LTD (Continued) **1024248041**

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	19900508
Actual Return to Compliance Date:	19900930
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	009
Date of Enforcement Action:	19920511
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement Responsible Person:	R9STA
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	425000
Paid Amount:	Not reported
Final Count:	1
Final Amount:	425000

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	19911108
Actual Return to Compliance Date:	19920103
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	19920211
Enforcement Identifier:	007
Date of Enforcement Action:	19911210
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

TE CONNECTIVITY LTD (Continued) **1024248041**

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: REFERRAL TO ATTORNEY GENERAL
Enforcement Responsible Person: R9STA
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 19911108
Actual Return to Compliance Date: 19920103
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 009
Date of Enforcement Action: 19920511
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement Responsible Person: R9STA
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 425000
Paid Amount: Not reported
Final Count: 1
Final Amount: 425000

TE CONNECTIVITY LTD (Continued) **1024248041**

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	19911108
Actual Return to Compliance Date:	19920103
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	008
Date of Enforcement Action:	19920506
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement Responsible Person:	R9STA
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	19900508
Actual Return to Compliance Date:	19900930
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	19900805
Enforcement Identifier:	005
Date of Enforcement Action:	19900504
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

TE CONNECTIVITY LTD (Continued) **1024248041**

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: R9STA
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 19911108
Actual Return to Compliance Date: 19920103
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 19920211
Enforcement Identifier: 006
Date of Enforcement Action: 19911112
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: R9STA
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

TE CONNECTIVITY LTD (Continued) **1024248041**

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - General
Date Violation was Determined:	19880830
Actual Return to Compliance Date:	19890421
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	009
Date of Enforcement Action:	19920511
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement Responsible Person:	R9STA
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	425000
Paid Amount:	Not reported
Final Count:	1
Final Amount:	425000

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	19911108
Actual Return to Compliance Date:	19920103
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	009
Date of Enforcement Action:	19920511
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

TE CONNECTIVITY LTD (Continued) **1024248041**

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement Responsible Person: R9STA
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 425000
Paid Amount: Not reported
Final Count: 1
Final Amount: 425000

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 19911108
Actual Return to Compliance Date: 19920103
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 19920211
Enforcement Identifier: 006
Date of Enforcement Action: 19911112
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: R9STA
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

TE CONNECTIVITY LTD (Continued) **1024248041**

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - General
Date Violation was Determined:	19880830
Actual Return to Compliance Date:	19890421
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	004
Date of Enforcement Action:	19900427
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	REFERRAL TO ATTORNEY GENERAL
Enforcement Responsible Person:	R9STA
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	19911108
Actual Return to Compliance Date:	19920103
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	19920211
Enforcement Identifier:	006
Date of Enforcement Action:	19911112
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

TE CONNECTIVITY LTD (Continued) **1024248041**

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: R9STA
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

TE CONNECTIVITY LTD (Continued) **1024248041**

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	19911108
Actual Return to Compliance Date:	19920103
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	19920211
Enforcement Identifier:	007
Date of Enforcement Action:	19911210
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	REFERRAL TO ATTORNEY GENERAL
Enforcement Responsible Person:	R9STA
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	19911108
Actual Return to Compliance Date:	19920103
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	009
Date of Enforcement Action:	19920511
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

TE CONNECTIVITY LTD (Continued) **1024248041**

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement Responsible Person: R9STA
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 425000
Paid Amount: Not reported
Final Count: 1
Final Amount: 425000

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: LDR - General
Date Violation was Determined: 19880830
Actual Return to Compliance Date: 19890421
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 19890112
Enforcement Identifier: 003
Date of Enforcement Action: 19890106
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: R9STA
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

TE CONNECTIVITY LTD (Continued) **1024248041**

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	19880830
Actual Return to Compliance Date:	19890421
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	009
Date of Enforcement Action:	19920511
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement Responsible Person:	R9STA
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	425000
Paid Amount:	Not reported
Final Count:	1
Final Amount:	425000

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	19911108
Actual Return to Compliance Date:	19920103
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	008
Date of Enforcement Action:	19920506
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

TE CONNECTIVITY LTD (Continued) **1024248041**

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement Responsible Person: R9STA
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General
Date Violation was Determined: 19900508
Actual Return to Compliance Date: 19900930
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 008
Date of Enforcement Action: 19920506
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement Responsible Person: R9STA
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

TE CONNECTIVITY LTD (Continued) **1024248041**

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	19900508
Actual Return to Compliance Date:	19900930
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	007
Date of Enforcement Action:	19911210
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	REFERRAL TO ATTORNEY GENERAL
Enforcement Responsible Person:	R9STA
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	19880830
Actual Return to Compliance Date:	19890421
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	009
Date of Enforcement Action:	19920511
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

TE CONNECTIVITY LTD (Continued) **1024248041**

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement Responsible Person: R9STA
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 425000
Paid Amount: Not reported
Final Count: 1
Final Amount: 425000

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: TSD - Financial Requirements
Date Violation was Determined: 19911120
Actual Return to Compliance Date: 19920101
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: EPA
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

TE CONNECTIVITY LTD (Continued) **1024248041**

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Financial Requirements
Date Violation was Determined:	19860707
Actual Return to Compliance Date:	19860717
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	19860424
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	R9STA
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - General
Date Violation was Determined:	19880830
Actual Return to Compliance Date:	19890421
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	008
Date of Enforcement Action:	19920506
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

TE CONNECTIVITY LTD (Continued) **1024248041**

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement Responsible Person: R9STA
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 19911108
Actual Return to Compliance Date: 19920103
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 19920211
Enforcement Identifier: 007
Date of Enforcement Action: 19911210
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: REFERRAL TO ATTORNEY GENERAL
Enforcement Responsible Person: R9STA
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

TE CONNECTIVITY LTD (Continued) **1024248041**

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	19911108
Actual Return to Compliance Date:	19920103
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	008
Date of Enforcement Action:	19920506
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement Responsible Person:	R9STA
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	19990603
Evaluation Responsible Agency:	EPA
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9EPA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19980326
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA

TE CONNECTIVITY LTD (Continued) **1024248041**

Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19880830
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19890421
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19880802
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19880819
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20190325
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19880802
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19880819
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported

TE CONNECTIVITY LTD (Continued) **1024248041**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19880830
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19890421
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19970331
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19880830
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19890421
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19880830
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19890421
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19880830
Evaluation Responsible Agency:	State

TE CONNECTIVITY LTD (Continued) **1024248041**

Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19890421
Scheduled Compliance Date:	19890112
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20190326
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19920820
Evaluation Responsible Agency:	EPA Contractor/Grantee
Found Violation:	Yes
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	R9EPA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19930101
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19880830
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19890421
Scheduled Compliance Date:	19890112
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19920624
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported

TE CONNECTIVITY LTD (Continued) **1024248041**

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19880830
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19890421
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19880830
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19890421
Scheduled Compliance Date:	19890112
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19900313
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20040224
Evaluation Responsible Agency:	State Contractor/Grantee
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20040404
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

TE CONNECTIVITY LTD (Continued) **1024248041**

Evaluation Date:	19960613
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19880830
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19890421
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19880830
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19890421
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19900323
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19900930
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19910930
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA

TE CONNECTIVITY LTD (Continued) **1024248041**

Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19920103
Scheduled Compliance Date:	19920211
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19910930
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19920103
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19910930
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19920103
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19900323
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19900930
Scheduled Compliance Date:	19900805
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19910930
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19920103
Scheduled Compliance Date:	19920211
Date of Request:	Not reported
Date Response Received:	Not reported

TE CONNECTIVITY LTD (Continued) **1024248041**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19880830
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19890421
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19910930
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19920103
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19910930
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19920103
Scheduled Compliance Date:	19920211
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19880830
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19890421
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19910930
Evaluation Responsible Agency:	State

TE CONNECTIVITY LTD (Continued) **1024248041**

Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19920103
Scheduled Compliance Date:	19920211
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20190322
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19910930
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19920103
Scheduled Compliance Date:	19920211
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19910930
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19920103
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19880830
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19890421

TE CONNECTIVITY LTD (Continued) **1024248041**

Scheduled Compliance Date:	19890112
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19880830
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19890421
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19910930
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19920103
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19900323
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19900930
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19900323
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19900930
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

TE CONNECTIVITY LTD (Continued) **1024248041**

Evaluation Date:	19880830
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19890421
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19911120
Evaluation Responsible Agency:	EPA Contractor/Grantee
Found Violation:	Yes
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	R9EPA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19920101
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19860707
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19860717
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19880830
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19890421
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19910930
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA

TE CONNECTIVITY LTD (Continued) **1024248041**

Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19920103
Scheduled Compliance Date:	19920211
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19910930
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19920103
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

TE CONNECTIVITY LTD (Continued) **1024248041**

US FIN ASSUR:

Name:	TE CONNECTIVITY LTD
Address:	305 CONSTITUTION DR.
City,State,Zip:	MENLO PARK, CA
EPA ID:	CAD009125527
County:	Not reported
Mechanism type:	X
Mechanism Type Description:	STANDBY TRUST FUND
Cost estimate:	994000
Face value:	0
Effective date:	2007-01-18 00:00:00
Provider:	DEUTSCHE BANK TRUST COMPANY AMERICAS
EPA region:	9

Name:	TE CONNECTIVITY LTD
Address:	305 CONSTITUTION DR.
City,State,Zip:	MENLO PARK, CA
EPA ID:	CAD009125527
County:	Not reported
Mechanism type:	L
Mechanism Type Description:	LETTER OF CREDIT
Cost estimate:	994000
Face value:	994000
Effective date:	2007-01-16 00:00:00
Provider:	DEUTSCHE BANK
EPA region:	9

H29 **ELECTRICAL WIRE PROD BAY ASSOC** **ENVIROSTOR** **1000857529**
NNW **150 JEFFERSON DR** **SCH** **CAD983669664**
1/4-1/2 **MENLO PARK, CA 94025** **RCRA NonGen / NLR**
0.375 mi. **FINDS**
1980 ft. **Site 1 of 3 in cluster H** **ECHO**
San Mateo Co. BI

Relative:
Lower

Actual:
12 ft.

ENVIROSTOR:

Name:	MENLO PARK PROPOSED SCHOOL
Address:	150 JEFFERSON DRIVE
City,State,Zip:	MENLO PARK, CA 94025
Facility ID:	60002163
Status:	No Further Action
Status Date:	06/13/2016
Site Code:	204273
Site Type:	School Investigation
Site Type Detailed:	School
Acres:	2
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Mellan Songco
Supervisor:	Jose Salcedo
Division Branch:	Northern California Schools & Santa Susana
Assembly:	24
Senate:	13
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	School District

ELECTRICAL WIRE PROD BAY ASSOC (Continued) **1000857529**

Latitude:	37.48216
Longitude:	-122.1738
APN:	055-243-030, 055242090
Past Use:	MANUFACTURING - ELECTRONIC, RAILROAD RIGHT OF WAY
Potential COC:	Benzene Naturally Occurring Asbestos (NOA Polynuclear aromatic hydrocarbons (PAHs
Confirmed COC:	30003-NO 30019-NO No Contaminants found 40002-NO
Potential Description:	NMA, SOIL, SV
Alias Name:	150 Jefferson Drive
Alias Type:	Alternate Name
Alias Name:	Menlo Park Small High School Project
Alias Type:	Alternate Name
Alias Name:	New East Menlo Park Magnet High School
Alias Type:	Alternate Name
Alias Name:	055-243-030
Alias Type:	APN
Alias Name:	055242090
Alias Type:	APN
Alias Name:	204273
Alias Type:	Project Code (Site Code)
Alias Name:	60002163
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	06/13/2016
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Fieldwork
Completed Date:	02/10/2016
Comments:	On December 9, 2015, DTSC observed the implementation of the approved PEA Workplan.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Phase 1
Completed Date:	04/21/2015
Comments:	On April 14, 2015, DTSC issued a determination that a PEA is required for the site.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Environmental Oversight Agreement Application
Completed Date:	10/08/2015
Comments:	Received EOP Application for EOA from Mellan, via email, on 10/08/15.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Workplan
Completed Date:	02/10/2016
Comments:	On November 30, 2015, DTSC approved the PEA Workplan for implementation.
Completed Area Name:	PROJECT WIDE

ELECTRICAL WIRE PROD BAY ASSOC (Continued) **1000857529**

Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	10/05/2017
Comments:	Site closed out.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Correspondence
Completed Date:	10/05/2017
Comments:	DTSC sends letter to District re: refund.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Inspections/Visit (Non LUR)
Completed Date:	06/16/2015
Comments:	On June 16, 2015, DTSC conducted a site visit followed by a scoping meeting with the District and their consultant, Cornerstone Earth Group.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Environmental Oversight Agreement
Completed Date:	10/29/2015
Comments:	Fully executed EOA sent to District.

Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

SCH:

Name:	MENLO PARK PROPOSED SCHOOL
Address:	150 JEFFERSON DRIVE
City,State,Zip:	MENLO PARK, CA 94025
Facility ID:	60002163
Site Type:	School Investigation
Site Type Detail:	School
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	2
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Mellan Songco
Supervisor:	Jose Salcedo
Division Branch:	Northern California Schools & Santa Susana
Site Code:	204273
Assembly:	24
Senate:	13
Special Program Status:	Not reported
Status:	No Further Action

ELECTRICAL WIRE PROD BAY ASSOC (Continued) **1000857529**

Status Date:	06/13/2016
Restricted Use:	NO
Funding:	School District
Latitude:	37.48216
Longitude:	-122.1738
APN:	055-243-030, 055242090
Past Use:	MANUFACTURING - ELECTRONIC, RAILROAD RIGHT OF WAY
Potential COC:	Benzene, Benzene, Naturally Occurring Asbestos (NOA, Polynuclear aromatic hydrocarbons (PAHs
Confirmed COC:	30003-NO, 30019-NO, No Contaminants found, 40002-NO
Potential Description:	NMA, SOIL, SV
Alias Name:	150 Jefferson Drive
Alias Type:	Alternate Name
Alias Name:	Menlo Park Small High School Project
Alias Type:	Alternate Name
Alias Name:	New East Menlo Park Magnet High School
Alias Type:	Alternate Name
Alias Name:	055-243-030
Alias Type:	APN
Alias Name:	055242090
Alias Type:	APN
Alias Name:	204273
Alias Type:	Project Code (Site Code)
Alias Name:	60002163
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	06/13/2016
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Fieldwork
Completed Date:	02/10/2016
Comments:	On December 9, 2015, DTSC observed the implementation of the approved PEA Workplan.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Phase 1
Completed Date:	04/21/2015
Comments:	On April 14, 2015, DTSC issued a determination that a PEA is required for the site.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Environmental Oversight Agreement Application
Completed Date:	10/08/2015
Comments:	Received EOP Application for EOA from Mellan, via email, on 10/08/15.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Workplan
Completed Date:	02/10/2016
Comments:	On November 30, 2015, DTSC approved the PEA Workplan for

ELECTRICAL WIRE PROD BAY ASSOC (Continued) **1000857529**

implementation.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 10/05/2017
Comments: Site closed out.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 10/05/2017
Comments: DTSC sends letter to District re: refund.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 06/16/2015
Comments: On June 16, 2015, DTSC conducted a site visit followed by a scoping meeting with the District and their consultant, Cornerstone Earth Group.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 10/29/2015
Comments: Fully executed EOA sent to District.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

RCRA Listings:

Date Form Received by Agency:	20080728
Handler Name:	Bay Associates Wire Tech
Handler Address:	150 JEFFERSON DR
Handler City,State,Zip:	MENLO PARK, CA 94025
EPA ID:	CAD983669664
Contact Name:	ROBERT N MCANIFF
Contact Address:	150 JEFFERSON DR
Contact City,State,Zip:	MENLO PARK, CA 94025
Contact Telephone:	650-847-3926
Contact Fax:	Not reported
Contact Email:	ROBERT.MCANIFF@BAYCABLE.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported

ELECTRICAL WIRE PROD BAY ASSOC (Continued) **1000857529**

Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	150 JEFFERSON DR
Mailing City,State,Zip:	MENLO PARK, CA 94025
Owner Name:	New England Wire Tech
Owner Type:	Private
Operator Name:	Laurent Mayer
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20080819
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CHARLES CARPENTER MARTIN FISH
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported

ELECTRICAL WIRE PROD BAY ASSOC (Continued) **1000857529**

Owner/Operator Address: 150 JEFFERSON DR
Owner/Operator City,State,Zip: MENLO PARK, CA 94025
Owner/Operator Telephone: 415-321-2940
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: LAURENT MAYER
Legal Status: Private
Date Became Current: 20080721
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: NEW ENGLAND WIRE TECH
Legal Status: Private
Date Became Current: 20080721
Date Ended Current: Not reported
Owner/Operator Address: 130 N MAIN ST
Owner/Operator City,State,Zip: LISBON, NH 03585
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 19930614
Handler Name: ELECTRICAL WIRE PROD BAY ASSOC
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20080728
Handler Name: BAY ASSOCIATES WIRE TECH
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

ELECTRICAL WIRE PROD BAY ASSOC (Continued) **1000857529**

List of NAICS Codes and Descriptions:
NAICS Code: 331491
NAICS Description: NONFERROUS METAL (EXCEPT COPPER AND ALUMINUM) ROLLING, DRAWING, AND EXTRUDING

NAICS Code: 335929
NAICS Description: OTHER COMMUNICATION AND ENERGY WIRE MANUFACTURING

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110002900139

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
OSHA ESTABLISHMENT
STATE MASTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000857529
Registry ID: 110002900139
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002900139
Name: ELECTRICAL WIRE PROD BAY ASSOC
Address: 150 JEFFERSON DR
City,State,Zip: MENLO PARK, CA 94025

San Mateo Co. BI:
Name: BAY ASSOCIATES INC
Address: 150 JEFFERSON
City,State,Zip: MENLO PARK, CA 94025
Region: SAN MATEO
Facility ID: FA0024407
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0040638
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

ELECTRICAL WIRE PROD BAY ASSOC (Continued) **1000857529**

Name: BAY ASSOCIATES INC
Address: 150 JEFFERSON
City,State,Zip: MENLO PARK, CA 94025
Region: SAN MATEO
Facility ID: FA0024407
Prog Element Code: GEN <1 TONS HAZ WASTE/YR
Record Id: PR0029065
Description: GEN <1 TONS HAZ WASTE/YR
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: BAY ASSOCIATES INC
Address: 150 JEFFERSON
City,State,Zip: MENLO PARK, CA 94025
Region: SAN MATEO
Facility ID: FA0024407
Prog Element Code: STORES HAZ MAT <1,199GAL,9,999LB,4,799FT3
Record Id: PR0029064
Description: STORES HAZ MAT <1,199GAL,9,999LB,4,799CF
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

Name: BAY ASSOC WIRE TECHNOLOGIES
Address: 150 JEFFERSON
City,State,Zip: MENLO PARK, CA 94025
Region: SAN MATEO
Facility ID: FA0039399
Prog Element Code: STORMWATER ANNUAL INSPECTION FEE
Record Id: PR0055464
Description: STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status: Inactive, non-billable
Program Category: STORMWATER

Name: BAY ASSOC WIRE TECHNOLOGIES
Address: 150 JEFFERSON
City,State,Zip: MENLO PARK, CA 94025
Region: SAN MATEO
Facility ID: FA0039399
Prog Element Code: STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id: PR0055462
Description: STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

Name: BAY ASSOC WIRE TECHNOLOGIES
Address: 150 JEFFERSON
City,State,Zip: MENLO PARK, CA 94025
Region: SAN MATEO
Facility ID: FA0039399
Prog Element Code: GEN <1 TONS HAZ WASTE/YR
Record Id: PR0055463
Description: GEN <1 TONS HAZ WASTE/YR
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

30
NW
1/4-1/2
0.377 mi.
1992 ft.

RAYCHEM CORPORATION
135 COMMONWEALTH
MENLO PARK, CA 94025

LUST **S103950044**
CPS-SLIC **N/A**
San Mateo Co. BI
CERS

Relative:
Lower

Actual:
13 ft.

SAN MATEO CO. LUST:

Name:	AMOROSO PROPERTY
Address:	135 COMMONWEALTH DR
City,State,Zip:	MENLO PARK, CA
Region:	SAN MATEO
Facility ID:	449083
Facility Status:	9- Case Closed
Global ID:	SL0608132881
APN Number:	055243260
Case Type:	MENLO PARK, CA
EDR Link ID:	MENLO PARK, CA

CPS-SLIC:

Name:	AMOROSO PROPERTY
Address:	135 COMMONWEALTH DRIVE
City,State,Zip:	MENLO PARK, CA 94025
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	12/08/2009
Global Id:	SL0608132881
Lead Agency:	SAN MATEO COUNTY LOP
Lead Agency Case Number:	449083
Latitude:	37.4816865007213
Longitude:	-122.175393104553
Case Type:	Cleanup Program Site
Case Worker:	Not reported
Local Agency:	Not reported
RB Case Number:	Not reported
File Location:	Local Agency Warehouse
Potential Media Affected:	Under Investigation
Potential Contaminants of Concern:	Benzene
EPA Region:	9
Coordinate Source:	Google Geocode
Cuf Case:	NO
Quantity Released Gallons:	0
Begin Date:	11/20/2006
Leak Reported Date:	01/25/2007
How Discovered:	Not reported
How Discovered Description:	Not reported
Discharge Source:	Not reported
Discharge Cause:	Not reported
Stop Method:	Other Means
Stop Description:	Not reported
No Further Action Date:	12/08/2009
CA Water Watershed Name:	South Bay - San Mateo Bayside (204.40)
Dwr Groundwater Subbasin Name:	Santa Clara Valley - San Mateo Plain (2-009.03)
Disadvantaged Community:	Not reported
CA Enviroscreen 3 Score:	46-50%
CA Enviroscreen 4 Score:	60-65%
Military DOD Site:	No
Facility Project Subtype:	Not reported
RWQCB Region:	SAN FRANCISCO BAY RWQCB (REGION 2)
Site History:	Not reported

RAYCHEM CORPORATION (Continued) **S103950044**

Click here to access the California GeoTracker records for this facility:

San Mateo Co. BI:

Name:	RAYCHEM CORPORATION
Address:	135 COMMONWEALTH
City,State,Zip:	MENLO PARK, CA 94025
Region:	SAN MATEO
Facility ID:	FA0004466
Prog Element Code:	GEN <1 TONS HAZ WASTE/YR
Record Id:	PR0011485
Description:	GEN <1 TONS HAZ WASTE/YR
Facility Status:	Inactive, non-billable
Program Category:	HAZARDOUS WASTE PROGRAM

CERS:

Name:	AMOROSO PROPERTY
Address:	135 COMMONWEALTH DRIVE
City,State,Zip:	MENLO PARK, CA 94025
Site ID:	250628
CERS ID:	SL0608132881
CERS Description:	Cleanup Program Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

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31 **TERMINAL AVE HOUSING DEVELOP.** **LUST** **S106131283**
ENE **297 TERMINAL AVENUE** **CPS-SLIC** **N/A**
1/4-1/2 **MENLO PARK, CA 94025** **CERS**
0.378 mi.
1994 ft.

Relative: **Lower**

Actual: **10 ft.**

SAN MATEO CO. LUST:

Name:	TERMINAL AVE HOUSING DEVELOP.
Address:	297 TERMINAL AVE
City,State,Zip:	MENLO PARK, CA
Region:	SAN MATEO
Facility ID:	449068
Facility Status:	9- Case Closed
Global ID:	T0608138278
APN Number:	055331130
Case Type:	MENLO PARK, CA
EDR Link ID:	MENLO PARK, CA

CPS-SLIC:

Name:	TERMINAL AVE HOUSING DEVELOP.
Address:	297 TERMINAL AVENUE
City,State,Zip:	MENLO PARK, CA 94025

TERMINAL AVE HOUSING DEVELOP. (Continued) **S106131283**

Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	12/08/2009
Global Id:	T0608138278
Lead Agency:	SAN MATEO COUNTY LOP
Lead Agency Case Number:	449068
Latitude:	37.478933
Longitude:	-122.163101
Case Type:	Cleanup Program Site
Case Worker:	Not reported
Local Agency:	Not reported
RB Case Number:	Not reported
File Location:	Local Agency
Potential Media Affected:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Diesel
EPA Region:	9
Coordinate Source:	Google Geocode
Cuf Case:	NO
Quantity Released Gallons:	0
Begin Date:	11/21/2002
Leak Reported Date:	11/21/2002
How Discovered:	* SA
How Discovered Description:	Not reported
Discharge Source:	Not reported
Discharge Cause:	Not reported
Stop Method:	Other Means
Stop Description:	Not reported
No Further Action Date:	12/08/2009
CA Water Watershed Name:	South Bay - San Mateo Bayside (204.40)
Dwr Groundwater Subbasin Name:	Santa Clara Valley - San Mateo Plain (2-009.03)
Disadvantaged Community:	Not reported
CA Enviroscreen 3 Score:	46-50%
CA Enviroscreen 4 Score:	60-65%
Military DOD Site:	No
Facility Project Subtype:	Not reported
RWQCB Region:	SAN FRANCISCO BAY RWQCB (REGION 2)
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

CERS:

Name:	TERMINAL AVE HOUSING DEVELOP.
Address:	297 TERMINAL AVENUE
City,State,Zip:	MENLO PARK, CA 94025
Site ID:	222597
CERS ID:	T0608138278
CERS Description:	Cleanup Program Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported

TERMINAL AVE HOUSING DEVELOP. (Continued) **S106131283**

Affiliation Phone:	,
Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	UUU - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

I32 **MENLOTECH INC** **RCRA-SQG** **1000111898**
North **188 CONSTITUTION DR** **ENVIROSTOR** **CAD053243051**
1/4-1/2 **MENLO PARK, CA 94025** **LUST**
0.392 mi. **CPS-SLIC**
2072 ft. **Site 1 of 2 in cluster I** **HIST UST**
San Mateo Co. BI
Relative: **HAZNET**
Lower **CIWQS**
CERS
Actual: **HWTS**
8 ft.

RCRA Listings:

Date Form Received by Agency:	20040621
Handler Name:	Menlotech Inc
Handler Address:	188 CONSTITUTION DR
Handler City,State,Zip:	MENLO PARK, CA 94025-1117
EPA ID:	CAD053243051
Contact Name:	RAY MAUBERRET
Contact Address:	188 CONSTITUTION DR
Contact City,State,Zip:	MENLO PARK, CA 94025-1117
Contact Telephone:	415-661-9775
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	188 CONSTITUTION DR
Mailing City,State,Zip:	MENLO PARK, CA 94025-1117
Owner Name:	Ray Mauberrett
Owner Type:	Private
Operator Name:	Ray Mauberret
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No

MENLOTECH INC (Continued) **1000111898**

Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20060905
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Biennial: List of Years
Year: 2003

Click Here for Biennial Reporting System Data:
Year: 2001

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D002
Waste Description: CORROSIVE WASTE

Waste Code: D004
Waste Description: ARSENIC

Waste Code: D007
Waste Description: CHROMIUM

MENLOTECH INC (Continued) **1000111898**

Waste Code: D008
Waste Description: LEAD

Waste Code: F006
Waste Description: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: RAY MAUBERRET	
Legal Status:	Private
Date Became Current:	20040602
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: JAY SUH	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	188 CONSTITUTION DR
Owner/Operator City,State,Zip:	MENLO PARK, CA 94025
Owner/Operator Telephone:	415-324-4843
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: JAY SUH	
Legal Status:	Private
Date Became Current:	19940101
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: RAY MAUBERRET	
Legal Status:	Private
Date Became Current:	20040602
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported

MENLOTECH INC (Continued) **1000111898**

Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: RAY MAUBERRETT
Legal Status: Private
Date Became Current: 19600101
Date Ended Current: Not reported
Owner/Operator Address: 188 CONSTITUTION DR
Owner/Operator City,State,Zip: MENLO PARK, CA 94025-1117
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: RAY MAUBERRETT
Legal Status: Private
Date Became Current: 19600101
Date Ended Current: Not reported
Owner/Operator Address: 188 CONSTITUTION DR
Owner/Operator City,State,Zip: MENLO PARK, CA 94025-1117
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: JAY SUH
Legal Status: Private
Date Became Current: 19940101
Date Ended Current: Not reported
Owner/Operator Address: 165 LYELL ST
Owner/Operator City,State,Zip: LOS ALTOS, CA 94022
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: NOT REQUIRED
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 19960901
Handler Name: MENLOTECH INC
Federal Waste Generator Description: Small Quantity Generator
State District Owner: CA

MENLOTECH INC (Continued) **1000111898**

Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20040621
Handler Name: MENLOTECH INC	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	19950131
Handler Name: MENLOTECH INC	
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	CA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20040621
Handler Name: MENLOTECH INC	
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	19960229
Handler Name: MENLOTECH, INC.	
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No

MENLOTECH INC (Continued) **1000111898**

Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19990304
Handler Name: MENLOTECH, INC.
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20000330
Handler Name: MENLOTECH INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20020228
Handler Name: MENLOTECH INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20040211
Handler Name: MENLOTECH, INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

MENLOTECH INC (Continued) **1000111898**

List of NAICS Codes and Descriptions:
NAICS Code: 334412
NAICS Description: BARE PRINTED CIRCUIT BOARD MANUFACTURING

NAICS Code: 334419
NAICS Description: OTHER ELECTRONIC COMPONENT MANUFACTURING

NAICS Code: 56291
NAICS Description: REMEDIATION SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

ENVIROSTOR:
Name: MENLO TECH
Address: 188 CONSTITUTION DRIVE
City,State,Zip: MENLO PARK, CA 94025
Facility ID: 70000160
Status: Refer: RWQCB
Status Date: 11/04/2020
Site Code: 202275
Site Type: Evaluation
Site Type Detailed: Evaluation
Acres: 0.8
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Karen Steen
Supervisor: Kimberly Walsh
Division Branch: Cleanup Berkeley
Assembly: 24
Senate: 13
Special Program: EPA - PASI
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 37.48302
Longitude: -122.1717
APN: 055-242-040, 055242040
Past Use: MANUFACTURING - ELECTRONIC
Potential COC: Total Chromium (1:6 ratio Cr VI:Cr III Lead Copper and compounds
Confirmed COC: 30156-NO 30005-NO 30013-NO
Potential Description: OTH, SOIL
Alias Name: 055-242-040
Alias Type: APN
Alias Name: 055242040
Alias Type: APN
Alias Name: CAD053243051
Alias Type: EPA Identification Number
Alias Name: 110000862022
Alias Type: EPA (FRS #)

MENLOTECH INC (Continued) **1000111898**

Alias Name: SL0608198685
Alias Type: GeoTracker Global ID
Alias Name: T10000014570
Alias Type: GeoTracker Global ID
Alias Name: 201640
Alias Type: Project Code (Site Code)
Alias Name: 202275
Alias Type: Project Code (Site Code)
Alias Name: 70000160
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Standard Voluntary Agreement
Completed Date: 04/11/2006
Comments: Final executed VCA signed by branch chief.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Amendment - Order/Agreement
Completed Date: 09/17/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 04/22/2020
Comments: Historical permitting documents reviewed as a part of the PA/SI site screening.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment/Site Inspection Report (PA/SI)
Completed Date: 10/09/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 09/14/2006
Comments: Final data review letter sent to RP with branch chief signature.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement Termination Notification
Completed Date: 04/13/2007
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

MENLOTECH INC (Continued) **1000111898**

Name: MENLOTECH, INC.
Address: 188 CONSTITUTION DRIVE
City,State,Zip: MENLO PARK, CA 94025
Facility ID: 71002456
Status: Inactive - Needs Evaluation
Status Date: Not reported
Site Code: Not reported
Site Type: Tiered Permit
Site Type Detailed: Tiered Permit
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Not reported
Division Branch: Cleanup Berkeley
Assembly: 24
Senate: 13
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 37.48307
Longitude: -122.1716
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAD053243051
Alias Type: EPA Identification Number
Alias Name: 110000862022
Alias Type: EPA (FRS #)
Alias Name: T10000014570
Alias Type: GeoTracker Global ID
Alias Name: 71002456
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

SAN MATEO CO. LUST:
Name: MENLO TECH

MENLOTECH INC (Continued) **1000111898**

Address: 188 CONSTITUTION DR
City,State,Zip: MENLO PARK, CA
Region: SAN MATEO
Facility ID: 449078
Facility Status: 9- Case Closed
Global ID: SL0608198685
APN Number: 055242040
Case Type: MENLO PARK, CA
EDR Link ID: MENLO PARK, CA

CPS-SLIC:
Name: MENLO TECH
Address: 188 CONSTITUTION
City,State,Zip: MENLO PARK, CA 94025
Region: STATE
Facility Status: **Completed - Case Closed**
Status Date: 01/25/2005
Global Id: SL0608198685
Lead Agency: SAN MATEO COUNTY LOP
Lead Agency Case Number: 449078
Latitude: 37.483332
Longitude: -122.171363
Case Type: Cleanup Program Site
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: Not reported
File Location: Local Agency Warehouse
Potential Media Affected: Soil
Potential Contaminants of Concern: Copper
EPA Region: 9
Coordinate Source: Google Geocode
Cuf Case: NO
Quantity Released Gallons: 0
Begin Date: 10/16/2003
Leak Reported Date: 10/30/2003
How Discovered: * SA
How Discovered Description: Not reported
Discharge Source: Not reported
Discharge Cause: Not reported
Stop Method: Other Means
Stop Description: Not reported
No Further Action Date: 01/25/2005
CA Water Watershed Name: South Bay - San Mateo Bayside (204.40)
Dwr Groundwater Subbasin Name: Santa Clara Valley - San Mateo Plain (2-009.03)
Disadvantaged Community: Severely Disadvantaged Community
CA Enviroscreen 3 Score: 46-50%
CA Enviroscreen 4 Score: 60-65%
Military DOD Site: No
Facility Project Subtype: Not reported
RWQCB Region: SAN FRANCISCO BAY RWQCB (REGION 2)
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

HIST UST:
Name: JPR ELECTRONICS

MENLOTECH INC (Continued) **1000111898**

Address:	188 CONSTITUTION
City,State,Zip:	MENLO PARK, CA 94025
File Number:	0002bf59
URL:	https://documents.geotracker.waterboards.ca.gov/ustpdfs/pdf/0002bf59.pdf
Region:	STATE
Facility ID:	00000047990
Facility Type:	Other
Other Type:	ELECTRONIC MANUF.
Contact Name:	JOHN SCHULTZ
Telephone:	4153283746
Owner Name:	J.P.R. ELECTRONICS
Owner Address:	188 CONSTITUTION
Owner City,St,Zip:	MENLO PARK, CA 94025
Total Tanks:	0001
Tank Num:	001
Container Num:	001
Year Installed:	1984
Tank Capacity:	00000120
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	3/8
Leak Detection:	Visual

Click here for Geo Tracker PDF:

San Mateo Co. BI:

Name:	MENLO TECH
Address:	188 CONSTITUTION DR
City,State,Zip:	MENLO PARK, CA 94025
Region:	SAN MATEO
Facility ID:	FA0044041
Prog Element Code:	RISK MANAGEMENT AND PREVENTION PLAN - GENERAL
Record Id:	PR0071989
Description:	CALARP - GENERAL
Facility Status:	Inactive, non-billable
Program Category:	CALARP PROGRAM

HAZNET:

Name:	MENLOTECH INC
Address:	188 CONSTITUTION DR
Address 2:	Not reported
City,State,Zip:	MENLO PARK, CA 940251117
Contact:	RAY MANBERRET
Telephone:	4156619775
Mailing Name:	Not reported
Mailing Address:	188 CONSTITUTION DR
Year:	2004
Gepaid:	CAD053243051
TSD EPA ID:	CAT000646117
CA Waste Code:	181 - Other inorganic solid waste
Disposal Method:	D80 - Disposal, Land Fill
Tons:	166.8744
Year:	2003

MENLOTECH INC (Continued) **1000111898**

Gepaid: CAD053243051
TSD EPA ID: CAT080013352
CA Waste Code: 221 - Waste oil and mixed oil
Disposal Method: R01 - Recycler
Tons: 0.209

Year: 2003
Gepaid: CAD053243051
TSD EPA ID: CAD008488025
CA Waste Code: 724 - Liquids with lead >= 500 Mg./L
Disposal Method: R01 - Recycler
Tons: 1.8348

Year: 2003
Gepaid: CAD053243051
TSD EPA ID: CAD097030993
CA Waste Code: 181 - Other inorganic solid waste
Disposal Method: R01 - Recycler
Tons: 3.3

Year: 2003
Gepaid: CAD053243051
TSD EPA ID: CAD097030993
CA Waste Code: 181 - Other inorganic solid waste
Disposal Method: D99 - Disposal, Other
Tons: 2.4

Year: 2003
Gepaid: CAD053243051
TSD EPA ID: CAT000646117
CA Waste Code: 181 - Other inorganic solid waste
Disposal Method: D80 - Disposal, Land Fill
Tons: 94.458

Year: 2003
Gepaid: CAD053243051
TSD EPA ID: CAT000646117
CA Waste Code: 181 - Other inorganic solid waste
Disposal Method: D99 - Disposal, Other
Tons: Not reported

Year: 2003
Gepaid: CAD053243051
TSD EPA ID: CAD009452657
CA Waste Code: 121 - Alkaline solution (pH >= 12.5) with metals
Disposal Method: R01 - Recycler
Tons: 1.251

Year: 2003
Gepaid: CAD053243051
TSD EPA ID: CAD009452657
CA Waste Code: 791 - Liquids with pH <= 2
Disposal Method: R01 - Recycler
Tons: 0.3753

Year: 2003
Gepaid: CAD053243051

MENLOTECH INC (Continued) **1000111898**

TSD EPA ID: CAD009452657
CA Waste Code: 791 - Liquids with pH <= 2
Disposal Method: T03 - Treatment, Incineration
Tons: 0.2085

Click this hyperlink while viewing on your computer to access
91 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:
Year: 2004
Gen EPA ID: CAD053243051

Shipment Date: 20040714
Creation Date: 11/1/2004 12:36:11
Receipt Date: 20040714
Manifest ID: 98482362
Trans EPA ID: CAL000221680
Trans Name: GELIMA
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000646117
Trans Name: CHEMICAL WASTE MANAGEMENT INC
TSDF Alt EPA ID: CAT000646117
TSDF Alt Name: Not reported
Waste Code Description: 181 - Other inorganic solid waste Organics
RCRA Code: NR
Meth Code: D80 - Disposal, Land Fill
Quantity Tons: 15.1704
Waste Quantity: 18
Quantity Unit: Y
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20040714
Creation Date: 11/1/2004 12:36:11
Receipt Date: 20040714
Manifest ID: 98482363
Trans EPA ID: CAR000097642
Trans Name: JAMES BYARS TRUCKING
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000646117
Trans Name: CHEMICAL WASTE MANAGEMENT INC
TSDF Alt EPA ID: CAT000646117
TSDF Alt Name: Not reported
Waste Code Description: 181 - Other inorganic solid waste Organics
RCRA Code: NR
Meth Code: D80 - Disposal, Land Fill
Quantity Tons: 15.1704
Waste Quantity: 18
Quantity Unit: Y
Additional Code 1: Not reported
Additional Code 2: Not reported

MENLOTECH INC (Continued) **1000111898**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20040714
Creation Date:	11/1/2004 12:36:11
Receipt Date:	20040714
Manifest ID:	98482364
Trans EPA ID:	CAR000129486
Trans Name:	BAY VALLEY
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000646117
Trans Name:	CHEMICAL WASTE MANAGEMENT INC
TSDF Alt EPA ID:	CAT000646117
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	NR
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	15.1704
Waste Quantity:	18
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20040714
Creation Date:	11/1/2004 12:36:11
Receipt Date:	20040714
Manifest ID:	98482366
Trans EPA ID:	CAR000150110
Trans Name:	J RESENDIZ TRUCKING
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000646117
Trans Name:	CHEMICAL WASTE MANAGEMENT INC
TSDF Alt EPA ID:	CAT000646117
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	NR
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	15.1704
Waste Quantity:	18
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20040714
Creation Date:	11/1/2004 12:36:11
Receipt Date:	20040714
Manifest ID:	98482367
Trans EPA ID:	CAR000151159

MENLOTECH INC (Continued) **1000111898**

Trans Name:	AMERICAN FLYER EXPRESS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000646117
Trans Name:	CHEMICAL WASTE MANAGEMENT INC
TSDF Alt EPA ID:	CAT000646117
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	NR
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	15.1704
Waste Quantity:	18
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20040714
Creation Date:	11/1/2004 12:36:11
Receipt Date:	20040714
Manifest ID:	98482373
Trans EPA ID:	CAR000096925
Trans Name:	RLE
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000646117
Trans Name:	CHEMICAL WASTE MANAGEMENT INC
TSDF Alt EPA ID:	CAT000646117
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	NR
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	15.1704
Waste Quantity:	18
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20040714
Creation Date:	11/1/2004 12:36:11
Receipt Date:	20040714
Manifest ID:	98482369
Trans EPA ID:	CAL000212367
Trans Name:	PACHECO & SONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000646117
Trans Name:	CHEMICAL WASTE MANAGEMENT INC
TSDF Alt EPA ID:	CAT000646117
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	NR

MENLOTECH INC (Continued) **1000111898**

Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	15.1704
Waste Quantity:	18
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20040714
Creation Date:	11/1/2004 12:36:11
Receipt Date:	20040715
Manifest ID:	98482370
Trans EPA ID:	CAR000092726
Trans Name:	C&R TRUCKING
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000646117
Trans Name:	CHEMICAL WASTE MANAGEMENT INC
TSDF Alt EPA ID:	CAT000646117
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	NR
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	15.1704
Waste Quantity:	18
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20040714
Creation Date:	11/1/2004 12:36:11
Receipt Date:	20040714
Manifest ID:	98482371
Trans EPA ID:	CAR000084426
Trans Name:	SAI TRUCKING
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000646117
Trans Name:	CHEMICAL WASTE MANAGEMENT INC
TSDF Alt EPA ID:	CAT000646117
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	NR
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	15.1704
Waste Quantity:	18
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

MENLOTECH INC (Continued) **1000111898**

Shipment Date:	20040714
Creation Date:	11/1/2004 12:36:11
Receipt Date:	20040714
Manifest ID:	98482372
Trans EPA ID:	CAL000223832
Trans Name:	RWT
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000646117
Trans Name:	CHEMICAL WASTE MANAGEMENT INC
TSDF Alt EPA ID:	CAT000646117
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	NR
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	15.1704
Waste Quantity:	18
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2003
Gen EPA ID:	CAD053243051

Shipment Date:	Not reported
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	22617187
Trans EPA ID:	CAD009452657
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	Not reported
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.125
Waste Quantity:	250
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	Not reported
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	22617187
Trans EPA ID:	CAD009452657

MENLOTECH INC (Continued) **1000111898**

Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.03
Waste Quantity:	60
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	Not reported
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	22617187
Trans EPA ID:	CAD009452657
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	Not reported
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	22617187
Trans EPA ID:	CAD009452657
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D008

MENLOTECH INC (Continued) **1000111898**

Meth Code:	R01 - Recycler
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	Not reported
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	22617187
Trans EPA ID:	CAD009452657
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D002
Meth Code:	R01 - Recycler
Quantity Tons:	0.015
Waste Quantity:	30
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	Not reported
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	22617187
Trans EPA ID:	CAD009452657
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D002
Meth Code:	T03 - Treatment, Incineration
Quantity Tons:	0.0125
Waste Quantity:	25
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

MENLOTECH INC (Continued) **1000111898**

Shipment Date:	Not reported
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	22690221
Trans EPA ID:	CAD010925576
Trans Name:	Not reported
Trans 2 EPA ID:	NJD986607380
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008488025
TSDF Alt Name:	Not reported
Waste Code Description:	724 - Liquids with lead > 500 mg/l
RCRA Code:	D008
Meth Code:	R01 - Recycler
Quantity Tons:	0.9174
Waste Quantity:	220
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	Not reported
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	22690221
Trans EPA ID:	CAD010925576
Trans Name:	Not reported
Trans 2 EPA ID:	NJD986607380
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008488025
TSDF Alt Name:	Not reported
Waste Code Description:	726 - Liquids with nickel > 134 mg/l
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.22935
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	Not reported
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	22617187
Trans EPA ID:	CAD009452657
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657

MENLOTECH INC (Continued) **1000111898**

Trans Name:	Not reported
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code:	D002
Meth Code:	R01 - Recycler
Quantity Tons:	0.015
Waste Quantity:	30
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	Not reported
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	22617187
Trans EPA ID:	CAD009452657
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.015
Waste Quantity:	30
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2002
Gen EPA ID:	CAD053243051

Shipment Date:	20021211
Creation Date:	3/16/2007 18:30:20
Receipt Date:	20021211
Manifest ID:	21517148
Trans EPA ID:	CAD982052797
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982052797
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD982052797
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D008

MENLOTECH INC (Continued) **1000111898**

Meth Code:	R01 - Recycler
Quantity Tons:	0.125
Waste Quantity:	250
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20021118
Creation Date:	2/25/2003 18:31:38
Receipt Date:	20021121
Manifest ID:	21857003
Trans EPA ID:	CAD010925576
Trans Name:	Not reported
Trans 2 EPA ID:	NJD986607380
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D002
Meth Code:	R01 - Recycler
Quantity Tons:	1.3761
Waste Quantity:	330
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20020910
Creation Date:	1/28/2003 18:31:46
Receipt Date:	20020913
Manifest ID:	21856999
Trans EPA ID:	CAD010925576
Trans Name:	Not reported
Trans 2 EPA ID:	NJD986607380
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D002
Meth Code:	R01 - Recycler
Quantity Tons:	1.60545
Waste Quantity:	385
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

MENLOTECH INC (Continued) **1000111898**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20020717
Creation Date:	1/21/2003 18:31:48
Receipt Date:	20020724
Manifest ID:	21876688
Trans EPA ID:	CAD010925576
Trans Name:	Not reported
Trans 2 EPA ID:	NJD986607380
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D002
Meth Code:	R01 - Recycler
Quantity Tons:	1.3761
Waste Quantity:	330
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20020703
Creation Date:	2/7/2003 18:31:14
Receipt Date:	20020710
Manifest ID:	21805064
Trans EPA ID:	CAD010925576
Trans Name:	Not reported
Trans 2 EPA ID:	CAR000047696
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	F006
Meth Code:	D99 - Disposal, Other
Quantity Tons:	2.1175
Waste Quantity:	4235
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20020703
Creation Date:	3/13/2003 18:31:17
Receipt Date:	20020703
Manifest ID:	21516960
Trans EPA ID:	CAD982052797

MENLOTECH INC (Continued) **1000111898**

Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982052797
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D008
Meth Code:	R01 - Recycler
Quantity Tons:	0.15
Waste Quantity:	300
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20020531
Creation Date:	1/14/2003 18:31:21
Receipt Date:	20020605
Manifest ID:	21876561
Trans EPA ID:	CAD010925576
Trans Name:	Not reported
Trans 2 EPA ID:	NJD986607380
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D002
Meth Code:	R01 - Recycler
Quantity Tons:	0.68805
Waste Quantity:	165
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20020513
Creation Date:	1/24/2003 18:31:04
Receipt Date:	20020515
Manifest ID:	21876560
Trans EPA ID:	CAD010925576
Trans Name:	Not reported
Trans 2 EPA ID:	NJD986607380
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	132 - Aqueous solution w/metals (< restricted levels and see waste

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	code 121 for a list of metals
RCRA Code:	D002
Meth Code:	R01 - Recycler
Quantity Tons:	0.4587
Waste Quantity:	110
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20020426
Creation Date:	7/17/2002 18:34:52
Receipt Date:	20020430
Manifest ID:	21876559
Trans EPA ID:	CAD010925576
Trans Name:	Not reported
Trans 2 EPA ID:	NJD986607380
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D002
Meth Code:	R01 - Recycler
Quantity Tons:	0.4587
Waste Quantity:	110
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20020423
Creation Date:	1/8/2003 18:32:09
Receipt Date:	20020503
Manifest ID:	21639360
Trans EPA ID:	CAD010925576
Trans Name:	Not reported
Trans 2 EPA ID:	CAR000047696
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	F006
Meth Code:	D99 - Disposal, Other
Quantity Tons:	2.2875
Waste Quantity:	4575
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported

MENLOTECH INC (Continued) **1000111898**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2001
Gen EPA ID:	CAD053243051
Shipment Date:	20011115
Creation Date:	1/16/2002 0:00:00
Receipt Date:	20011115
Manifest ID:	20759503
Trans EPA ID:	CAD069138899
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD069138899
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD069138899
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D008
Meth Code:	R01 - Recycler
Quantity Tons:	0.4
Waste Quantity:	800
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20011113
Creation Date:	1/16/2002 0:00:00
Receipt Date:	20011115
Manifest ID:	21180401
Trans EPA ID:	CAD010925576
Trans Name:	Not reported
Trans 2 EPA ID:	NJD986607380
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008488025
TSDF Alt Name:	Not reported
Waste Code Description:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D002
Meth Code:	R01 - Recycler
Quantity Tons:	0.9174
Waste Quantity:	220
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

MENLOTECH INC (Continued) **1000111898**

Shipment Date:	20011018
Creation Date:	1/16/2002 0:00:00
Receipt Date:	20011025
Manifest ID:	21180400
Trans EPA ID:	CAD010925576
Trans Name:	Not reported
Trans 2 EPA ID:	NJD986607380
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008488025
TSDF Alt Name:	Not reported
Waste Code Description:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D002
Meth Code:	R01 - Recycler
Quantity Tons:	1.3761
Waste Quantity:	330
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20011005
Creation Date:	1/16/2002 0:00:00
Receipt Date:	20011012
Manifest ID:	21182654
Trans EPA ID:	CAD010925576
Trans Name:	Not reported
Trans 2 EPA ID:	NJD986607380
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	F006
Meth Code:	D99 - Disposal, Other
Quantity Tons:	2.3075
Waste Quantity:	4615
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20010906
Creation Date:	12/17/2001 0:00:00
Receipt Date:	20010912
Manifest ID:	20073999
Trans EPA ID:	CAD010925576
Trans Name:	Not reported
Trans 2 EPA ID:	NJD986607380
Trans 2 Name:	Not reported

MENLOTECH INC (Continued) **1000111898**

TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008488025
TSDF Alt Name:	Not reported
Waste Code Description:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D002
Meth Code:	R01 - Recycler
Quantity Tons:	1.3761
Waste Quantity:	330
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20010810
Creation Date:	10/1/2001 0:00:00
Receipt Date:	Not reported
Manifest ID:	99476371
Trans EPA ID:	CAD982413262
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD059494310
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	- Not reported
Quantity Tons:	0.417
Waste Quantity:	100
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20010810
Creation Date:	10/1/2001 0:00:00
Receipt Date:	20010810
Manifest ID:	20759392
Trans EPA ID:	CAD069138899
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD069138899
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD069138899
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D008
Meth Code:	R01 - Recycler
Quantity Tons:	0.3

MENLOTECH INC (Continued) **1000111898**

Waste Quantity:	600
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20010731
Creation Date:	10/3/2001 0:00:00
Receipt Date:	20010802
Manifest ID:	20745198
Trans EPA ID:	CAD010925576
Trans Name:	Not reported
Trans 2 EPA ID:	NJD986607380
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008488025
TSDF Alt Name:	Not reported
Waste Code Description:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D002
Meth Code:	R01 - Recycler
Quantity Tons:	2.0641
Waste Quantity:	495
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20010726
Creation Date:	10/23/2001 0:00:00
Receipt Date:	20010803
Manifest ID:	21180610
Trans EPA ID:	CAD010925576
Trans Name:	Not reported
Trans 2 EPA ID:	CAR000047696
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	F006
Meth Code:	D99 - Disposal, Other
Quantity Tons:	2.505
Waste Quantity:	5010
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

MENLOTECH INC (Continued) **1000111898**

Shipment Date:	20010625
Creation Date:	10/1/2001 0:00:00
Receipt Date:	20010706
Manifest ID:	20744731
Trans EPA ID:	CAD010925576
Trans Name:	Not reported
Trans 2 EPA ID:	NJD986607380
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	F006
Meth Code:	D99 - Disposal, Other
Quantity Tons:	2.505
Waste Quantity:	5010
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2000
Gen EPA ID:	CAD053243051

Shipment Date:	20001227
Creation Date:	3/6/2001 0:00:00
Receipt Date:	20001227
Manifest ID:	20427383
Trans EPA ID:	CAD069138899
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD069138899
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD069138899
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D008
Meth Code:	R01 - Recycler
Quantity Tons:	0.35
Waste Quantity:	700
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20001214
Creation Date:	3/5/2001 0:00:00
Receipt Date:	20001226
Manifest ID:	20581032
Trans EPA ID:	CAD010925576

MENLOTECH INC (Continued) **1000111898**

Trans Name:	Not reported
Trans 2 EPA ID:	CAR000047696
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000646117
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000646117
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D008
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.606
Waste Quantity:	1212
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20001207
Creation Date:	3/5/2001 0:00:00
Receipt Date:	20001211
Manifest ID:	20260050
Trans EPA ID:	CAD010925576
Trans Name:	Not reported
Trans 2 EPA ID:	NJD986607380
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008488025
TSDF Alt Name:	Not reported
Waste Code Description:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D002
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	1.3761
Waste Quantity:	330
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20001207
Creation Date:	3/6/2001 0:00:00
Receipt Date:	20001215
Manifest ID:	20484201
Trans EPA ID:	CAD010925576
Trans Name:	Not reported
Trans 2 EPA ID:	CAR000047696
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD097030993
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics

MENLOTECH INC (Continued) **1000111898**

RCRA Code:	F006
Meth Code:	D99 - Disposal, Other
Quantity Tons:	3
Waste Quantity:	6000
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20001113
Creation Date:	1/12/2001 0:00:00
Receipt Date:	20001116
Manifest ID:	20580793
Trans EPA ID:	CAD010925576
Trans Name:	Not reported
Trans 2 EPA ID:	NJD986607380
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D002
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	1.8348
Waste Quantity:	440
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20001103
Creation Date:	1/9/2001 0:00:00
Receipt Date:	20001103
Manifest ID:	20427274
Trans EPA ID:	CAD069138899
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD069138899
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD069138899
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D008
Meth Code:	R01 - Recycler
Quantity Tons:	0.25
Waste Quantity:	500
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

MENLOTECH INC (Continued) **1000111898**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20001027
Creation Date:	1/9/2001 0:00:00
Receipt Date:	20001101
Manifest ID:	20260049
Trans EPA ID:	CAD010925576
Trans Name:	Not reported
Trans 2 EPA ID:	NJD986607380
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008488025
TSDF Alt Name:	Not reported
Waste Code Description:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D002
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0.688
Waste Quantity:	165
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20001023
Creation Date:	2/1/2001 0:00:00
Receipt Date:	20001103
Manifest ID:	20484082
Trans EPA ID:	CAD010925576
Trans Name:	Not reported
Trans 2 EPA ID:	CAD009230244
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD097030993
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	F006
Meth Code:	- Not reported
Quantity Tons:	1.95
Waste Quantity:	3900
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20001020
Creation Date:	1/9/2001 0:00:00
Receipt Date:	20001025
Manifest ID:	20260053
Trans EPA ID:	CAD010925576

MENLOTECH INC (Continued) **1000111898**

Trans Name:	Not reported
Trans 2 EPA ID:	NJD986607380
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008488025
TSDF Alt Name:	Not reported
Waste Code Description:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D002
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	2.9815
Waste Quantity:	715
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20000922
Creation Date:	12/8/2000 0:00:00
Receipt Date:	20000928
Manifest ID:	20260052
Trans EPA ID:	CAD010925576
Trans Name:	Not reported
Trans 2 EPA ID:	NJD986607380
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D002
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	1.1467
Waste Quantity:	275
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1999
Gen EPA ID:	CAD053243051
Shipment Date:	19991217
Creation Date:	3/7/2000 0:00:00
Receipt Date:	19991221
Manifest ID:	99758633
Trans EPA ID:	CAD010925576
Trans Name:	Not reported
Trans 2 EPA ID:	NJD986607380
Trans 2 Name:	Not reported

MENLOTECH INC (Continued) **1000111898**

TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008488025
TSDF Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D002
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	1.1467
Waste Quantity:	275
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19991216
Creation Date:	3/7/2000 0:00:00
Receipt Date:	19991221
Manifest ID:	99479465
Trans EPA ID:	CAD010925576
Trans Name:	Not reported
Trans 2 EPA ID:	NJD986607380
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008488025
TSDF Alt Name:	Not reported
Waste Code Description:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D002
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	1.3761
Waste Quantity:	330
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19991124
Creation Date:	2/1/2000 0:00:00
Receipt Date:	19991202
Manifest ID:	99458334
Trans EPA ID:	CAD010925576
Trans Name:	Not reported
Trans 2 EPA ID:	NJD986607380
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008488025
TSDF Alt Name:	Not reported
Waste Code Description:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D002
Meth Code:	T01 - Treatment, Tank

MENLOTECH INC (Continued) **1000111898**

Quantity Tons:	1.6054
Waste Quantity:	385
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19991110
Creation Date:	1/19/2000 0:00:00
Receipt Date:	19991116
Manifest ID:	99479309
Trans EPA ID:	CAD010925576
Trans Name:	Not reported
Trans 2 EPA ID:	NJD986607380
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008488025
TSDF Alt Name:	Not reported
Waste Code Description:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D002
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	1.6054
Waste Quantity:	385
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19991101
Creation Date:	1/4/2000 0:00:00
Receipt Date:	19991101
Manifest ID:	99291900
Trans EPA ID:	CAD069138899
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD069138899
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD069138899
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D008
Meth Code:	R01 - Recycler
Quantity Tons:	0.3
Waste Quantity:	600
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

MENLOTECH INC (Continued) **1000111898**

Shipment Date:	19991029
Creation Date:	1/11/2000 0:00:00
Receipt Date:	19991105
Manifest ID:	99480549
Trans EPA ID:	CAD010925576
Trans Name:	Not reported
Trans 2 EPA ID:	CAD009230244
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	F006
Meth Code:	D99 - Disposal, Other
Quantity Tons:	2.25
Waste Quantity:	4500
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19991027
Creation Date:	1/11/2000 0:00:00
Receipt Date:	19991101
Manifest ID:	99479273
Trans EPA ID:	CAD010925576
Trans Name:	Not reported
Trans 2 EPA ID:	NJD986607380
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008488025
TSDF Alt Name:	Not reported
Waste Code Description:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D002
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0.688
Waste Quantity:	165
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19991015
Creation Date:	12/17/1999 0:00:00
Receipt Date:	19991022
Manifest ID:	99458346
Trans EPA ID:	CAD010925576
Trans Name:	Not reported
Trans 2 EPA ID:	NJD986607380
Trans 2 Name:	Not reported

MENLOTECH INC (Continued) **1000111898**

TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008488025
TSDF Alt Name:	Not reported
Waste Code Description:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D002
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	1.1467
Waste Quantity:	275
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19990930
Creation Date:	11/22/1999 0:00:00
Receipt Date:	19991006
Manifest ID:	99479200
Trans EPA ID:	CAD010925576
Trans Name:	Not reported
Trans 2 EPA ID:	NJD986607380
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008488025
TSDF Alt Name:	Not reported
Waste Code Description:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D002
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	1.6054
Waste Quantity:	385
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19990928
Creation Date:	11/19/1999 0:00:00
Receipt Date:	19990928
Manifest ID:	99593211
Trans EPA ID:	CAD069138899
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD069138899
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD069138899
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D008
Meth Code:	R01 - Recycler

MENLOTECH INC (Continued) **1000111898**

Quantity Tons:	0.3
Waste Quantity:	600
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1998
Gen EPA ID:	CAD053243051
Shipment Date:	19981211
Creation Date:	1/28/1999 0:00:00
Receipt Date:	19981211
Manifest ID:	98499891
Trans EPA ID:	CAD069138899
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD069138899
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D008
Meth Code:	R01 - Recycler
Quantity Tons:	0.175
Waste Quantity:	350
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19981207
Creation Date:	2/2/1999 0:00:00
Receipt Date:	19981210
Manifest ID:	98073169
Trans EPA ID:	CAD010925576
Trans Name:	Not reported
Trans 2 EPA ID:	NJD986607380
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008488025
TSDF Alt Name:	Not reported
Waste Code Description:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D002
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	1.3761
Waste Quantity:	330
Quantity Unit:	G
Additional Code 1:	Not reported

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Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19981109
Creation Date:	12/17/1998 0:00:00
Receipt Date:	19981109
Manifest ID:	96698700
Trans EPA ID:	CAD980888598
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980888598
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	711 - Liquids with cyanides > 1000 mg/l
RCRA Code:	D003
Meth Code:	R01 - Recycler
Quantity Tons:	0.4795
Waste Quantity:	115
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19981103
Creation Date:	12/17/1998 0:00:00
Receipt Date:	19981103
Manifest ID:	98499820
Trans EPA ID:	CAD069138899
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD069138899
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD069138899
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D008
Meth Code:	R01 - Recycler
Quantity Tons:	0.15
Waste Quantity:	300
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19981030
Creation Date:	12/17/1998 0:00:00
Receipt Date:	19981105
Manifest ID:	98073066

MENLOTECH INC (Continued) **1000111898**

Trans EPA ID:	CAD010925576
Trans Name:	Not reported
Trans 2 EPA ID:	NJD986607380
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008488025
TSDF Alt Name:	Not reported
Waste Code Description:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D002
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	1.3761
Waste Quantity:	330
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19981016
Creation Date:	12/8/1998 0:00:00
Receipt Date:	19981021
Manifest ID:	98073008
Trans EPA ID:	CAD010925576
Trans Name:	Not reported
Trans 2 EPA ID:	NJD986607380
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008488025
TSDF Alt Name:	Not reported
Waste Code Description:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D002
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0.4587
Waste Quantity:	110
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19981008
Creation Date:	1/5/1999 0:00:00
Receipt Date:	19981016
Manifest ID:	98072971
Trans EPA ID:	CAD010925576
Trans Name:	Not reported
Trans 2 EPA ID:	CAD009230244
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD097030993

MENLOTECH INC (Continued) **1000111898**

TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	F006
Meth Code:	R01 - Recycler
Quantity Tons:	2.0625
Waste Quantity:	4125
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19981006
Creation Date:	12/7/1998 0:00:00
Receipt Date:	19981020
Manifest ID:	98072964
Trans EPA ID:	CAD010925576
Trans Name:	Not reported
Trans 2 EPA ID:	CAD009230244
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000646117
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000646117
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D008
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.606
Waste Quantity:	1212
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19981006
Creation Date:	11/23/1998 0:00:00
Receipt Date:	19981009
Manifest ID:	98072922
Trans EPA ID:	CAD010925576
Trans Name:	Not reported
Trans 2 EPA ID:	NJD986607380
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D002
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0.9174
Waste Quantity:	220
Quantity Unit:	G
Additional Code 1:	Not reported

MENLOTECH INC (Continued) **1000111898**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19980923
Creation Date:	11/24/1998 0:00:00
Receipt Date:	19980923
Manifest ID:	98499708
Trans EPA ID:	CAD069138899
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD069138899
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD069138899
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D008
Meth Code:	R01 - Recycler
Quantity Tons:	0.25
Waste Quantity:	500
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1997
Gen EPA ID:	CAD053243051
Shipment Date:	19971222
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19971226
Manifest ID:	96773345
Trans EPA ID:	CAD010925576
Trans Name:	Not reported
Trans 2 EPA ID:	NJD986607380
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008488025
TSDF Alt Name:	Not reported
Waste Code Description:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D002
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	1.1467
Waste Quantity:	275
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

MENLOTECH INC (Continued) **1000111898**

Shipment Date:	19971212
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19971212
Manifest ID:	96808210
Trans EPA ID:	CAD069138899
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD069138899
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD069138899
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D006
Meth Code:	R01 - Recycler
Quantity Tons:	0.275
Waste Quantity:	550
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19971209
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19971216
Manifest ID:	96773303
Trans EPA ID:	CAD010925576
Trans Name:	Not reported
Trans 2 EPA ID:	NJD986607380
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008488025
TSDF Alt Name:	Not reported
Waste Code Description:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D002
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0.9174
Waste Quantity:	220
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19971208
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19971211
Manifest ID:	96759720
Trans EPA ID:	CAD980584510
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported

MENLOTECH INC (Continued) **1000111898**

TSDF EPA ID:	AZD980735500
Trans Name:	Not reported
TSDF Alt EPA ID:	AZD980735500
TSDF Alt Name:	Not reported
Waste Code Description:	171 - Metal sludge (see 121
RCRA Code:	F006
Meth Code:	R01 - Recycler
Quantity Tons:	1
Waste Quantity:	2000
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19971201
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19971205
Manifest ID:	96773203
Trans EPA ID:	CAD010925576
Trans Name:	Not reported
Trans 2 EPA ID:	NJD986607380
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008488025
TSDF Alt Name:	Not reported
Waste Code Description:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D002
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	1.1467
Waste Quantity:	275
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19971113
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19971118
Manifest ID:	96773201
Trans EPA ID:	CAD010925576
Trans Name:	Not reported
Trans 2 EPA ID:	NJD986607380
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008488025
TSDF Alt Name:	Not reported
Waste Code Description:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D002
Meth Code:	T01 - Treatment, Tank

MENLOTECH INC (Continued) **1000111898**

Quantity Tons:	0.688
Waste Quantity:	165
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19971104
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19971107
Manifest ID:	96773933
Trans EPA ID:	CAD010925576
Trans Name:	Not reported
Trans 2 EPA ID:	NJD986607380
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008488025
TSDF Alt Name:	Not reported
Waste Code Description:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D002
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0.9174
Waste Quantity:	220
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19971021
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19971027
Manifest ID:	96773888
Trans EPA ID:	CAD010925576
Trans Name:	Not reported
Trans 2 EPA ID:	NJD986607380
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008488025
TSDF Alt Name:	Not reported
Waste Code Description:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D002
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0.688
Waste Quantity:	165
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported

MENLOTECH INC (Continued) **1000111898**

Additional Code 5:	Not reported
Shipment Date:	19971008
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19971013
Manifest ID:	96773753
Trans EPA ID:	CAD010925576
Trans Name:	Not reported
Trans 2 EPA ID:	NJD986607380
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008488025
TSDF Alt Name:	Not reported
Waste Code Description:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D002
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	1.1467
Waste Quantity:	275
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19970929
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19971006
Manifest ID:	96759884
Trans EPA ID:	CAD059240713
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZD980735500
Trans Name:	Not reported
TSDF Alt EPA ID:	AZD980735500
TSDF Alt Name:	Not reported
Waste Code Description:	171 - Metal sludge (see 121
RCRA Code:	F006
Meth Code:	R01 - Recycler
Quantity Tons:	2.5
Waste Quantity:	5000
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1996
Gen EPA ID:	CAD053243051
Shipment Date:	19961219
Creation Date:	5/20/1997 0:00:00

MENLOTECH INC (Continued) **1000111898**

Receipt Date:	19961224
Manifest ID:	96311380
Trans EPA ID:	CAD095991253
Trans Name:	Not reported
Trans 2 EPA ID:	CAD076303254
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD983650490
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	123 - Unspecified alkaline solution
RCRA Code:	D002
Meth Code:	R01 - Recycler
Quantity Tons:	0.688
Waste Quantity:	165
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19961213
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19961213
Manifest ID:	96049609
Trans EPA ID:	CAD069138899
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD069138899
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D008
Meth Code:	R01 - Recycler
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19961127
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19961203
Manifest ID:	96311035
Trans EPA ID:	CAD095991253
Trans Name:	Not reported
Trans 2 EPA ID:	CAD076303254
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD983650490
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported

MENLOTECH INC (Continued) **1000111898**

TSDF Alt Name:	Not reported
Waste Code Description:	123 - Unspecified alkaline solution
RCRA Code:	D002
Meth Code:	R01 - Recycler
Quantity Tons:	0.9174
Waste Quantity:	220
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19961127
Creation Date:	6/26/1997 0:00:00
Receipt Date:	19961209
Manifest ID:	95873536
Trans EPA ID:	CAD065347996
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZD980735500
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	171 - Metal sludge (see 121
RCRA Code:	F006
Meth Code:	R01 - Recycler
Quantity Tons:	1
Waste Quantity:	2000
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19961113
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19961119
Manifest ID:	96326302
Trans EPA ID:	CAD095991253
Trans Name:	Not reported
Trans 2 EPA ID:	CAD076303254
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD983650490
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	123 - Unspecified alkaline solution
RCRA Code:	D002
Meth Code:	R01 - Recycler
Quantity Tons:	1.3761
Waste Quantity:	330
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported

MENLOTECH INC (Continued) **1000111898**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19961017
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19961025
Manifest ID:	96326083
Trans EPA ID:	CAD095991253
Trans Name:	Not reported
Trans 2 EPA ID:	CAD076303254
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD983650490
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	123 - Unspecified alkaline solution
RCRA Code:	D002
Meth Code:	R01 - Recycler
Quantity Tons:	1.1467
Waste Quantity:	275
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19960925
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19961001
Manifest ID:	96326616
Trans EPA ID:	CAD095991253
Trans Name:	Not reported
Trans 2 EPA ID:	CAD076303254
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD983650490
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	123 - Unspecified alkaline solution
RCRA Code:	D002
Meth Code:	R01 - Recycler
Quantity Tons:	1.6054
Waste Quantity:	385
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19960923
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19960923
Manifest ID:	96049857
Trans EPA ID:	CAD069138899

MENLOTECH INC (Continued) **1000111898**

Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD069138899
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D008
Meth Code:	R01 - Recycler
Quantity Tons:	0.25
Waste Quantity:	500
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19960919
Creation Date:	6/26/1997 0:00:00
Receipt Date:	19960919
Manifest ID:	96339110
Trans EPA ID:	CAD982413262
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980887418
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.95
Waste Quantity:	250
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19960903
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19960906
Manifest ID:	96128844
Trans EPA ID:	CAD095991253
Trans Name:	Not reported
Trans 2 EPA ID:	CAD076303254
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD983650490
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	123 - Unspecified alkaline solution
RCRA Code:	D002

MENLOTECH INC (Continued) **1000111898**

Meth Code:	R01 - Recycler
Quantity Tons:	1.1467
Waste Quantity:	275
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1995
Gen EPA ID:	CAD053243051
Shipment Date:	19951220
Creation Date:	7/29/1996 0:00:00
Receipt Date:	19951222
Manifest ID:	93707853
Trans EPA ID:	CAD980584510
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZD980735500
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	171 - Metal sludge (see 121
RCRA Code:	F006
Meth Code:	R01 - Recycler
Quantity Tons:	1
Waste Quantity:	2000
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19951211
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19951214
Manifest ID:	95730144
Trans EPA ID:	CAD095991253
Trans Name:	Not reported
Trans 2 EPA ID:	CAD076303254
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD983650490
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	123 - Unspecified alkaline solution
RCRA Code:	D002
Meth Code:	R01 - Recycler
Quantity Tons:	0.688
Waste Quantity:	165
Quantity Unit:	G
Additional Code 1:	Not reported

MENLOTECH INC (Continued) **1000111898**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19951128
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19951130
Manifest ID:	95720272
Trans EPA ID:	CAD095991253
Trans Name:	Not reported
Trans 2 EPA ID:	CAD076303254
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD983650490
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	123 - Unspecified alkaline solution
RCRA Code:	D002
Meth Code:	R01 - Recycler
Quantity Tons:	1.3761
Waste Quantity:	330
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19951103
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19951107
Manifest ID:	95719872
Trans EPA ID:	CAD095991253
Trans Name:	Not reported
Trans 2 EPA ID:	CAD076303254
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD983650490
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	123 - Unspecified alkaline solution
RCRA Code:	D002
Meth Code:	R01 - Recycler
Quantity Tons:	1.3761
Waste Quantity:	330
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19951020
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19951024
Manifest ID:	95685575

MENLOTECH INC (Continued) **1000111898**

Trans EPA ID:	CAD095991253
Trans Name:	Not reported
Trans 2 EPA ID:	CA0076303254
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD983650490
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	123 - Unspecified alkaline solution
RCRA Code:	D002
Meth Code:	R01 - Recycler
Quantity Tons:	1.3761
Waste Quantity:	330
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19950928
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19951009
Manifest ID:	95685576
Trans EPA ID:	CAD095991253
Trans Name:	Not reported
Trans 2 EPA ID:	CAD076303254
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD983650490
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	123 - Unspecified alkaline solution
RCRA Code:	D002
Meth Code:	R01 - Recycler
Quantity Tons:	1.3761
Waste Quantity:	330
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19950911
Creation Date:	4/1/1996 0:00:00
Receipt Date:	19950912
Manifest ID:	92296188
Trans EPA ID:	NJD986619328
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	132 - Aqueous solution w/metals (< restricted levels and see waste

MENLOTECH INC (Continued) **1000111898**

	code 121 for a list of metals
RCRA Code:	D002
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0.9174
Waste Quantity:	220
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19950822
Creation Date:	4/2/1996 0:00:00
Receipt Date:	19950829
Manifest ID:	92296187
Trans EPA ID:	NJD986619328
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008488025
TSDF Alt Name:	Not reported
Waste Code Description:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D002
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	1.1467
Waste Quantity:	275
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19950801
Creation Date:	4/2/1996 0:00:00
Receipt Date:	19950805
Manifest ID:	92296198
Trans EPA ID:	NJD986619328
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008488025
TSDF Alt Name:	Not reported
Waste Code Description:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D002
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	1.1467
Waste Quantity:	275
Quantity Unit:	G
Additional Code 1:	Not reported

MENLOTECH INC (Continued) **1000111898**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19950711
Creation Date:	4/2/1996 0:00:00
Receipt Date:	19950714
Manifest ID:	95443267
Trans EPA ID:	NJD986619328
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008488025
TSDF Alt Name:	Not reported
Waste Code Description:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D002
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	1.8348
Waste Quantity:	440
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

CIWQS:

Name:	MENLOTECH INC
Address:	188 CONSTITUTION DR
City,State,Zip:	MENLO PARK, CA 94025
Agency:	Mentotech Inc
Agency Address:	188 Constitution Dr, Menlo Park, CA 94025
Place/Project Type:	Industrial - Printed Circuit Boards
SIC/NAICS:	3672
Region:	2
Program:	INDSTW
Regulatory Measure Status:	Terminated
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	2 41I011305
NPDES Number:	CAS000001
Adoption Date:	Not reported
Effective Date:	12/08/1994
Termination Date:	04/05/2001
Expiration/Review Date:	Not reported
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	37.48365
Longitude:	-122.17228

MENLOTECH INC (Continued) **1000111898**

CERS:
Name: MENLO TECH
Address: 188 CONSTITUTION
City,State,Zip: MENLO PARK, CA 94025
Site ID: 243540
CERS ID: SL0608198685
CERS Description: Cleanup Program Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY ST SUITE 1400
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Regional Board Caseworker
Entity Name: UUU - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY ST SUITE 1400
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

HWTS:
Name: MENLOTECH INC
Address: 188 CONSTITUTION DR
Address 2: Not reported
City,State,Zip: MENLO PARK, CA 94025
EPA ID: CAD053243051
Inactive Date: 06/30/2005
Create Date: 07/23/1982
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 188 CONSTITUTION DR
Mailing Address 2: Not reported
Mailing City,State,Zip: MENLO PARK, CA 940251117
Owner Name: RAY MANBERRET
Owner Address: 188 CONSTITUTION DR
Owner Address 2: Not reported
Owner City,State,Zip: MENLO PARK, CA 940251117
Contact Name: RAY MANBERRET
Contact Address: 188 CONSTITUTION DR
Contact Address 2: Not reported
City,State,Zip: MENLO PARK, CA 940251117
Facility Status: Inactive
Facility Type: PERMANENT
Category: FEDERAL
Latitude: 37.483688
Longitude: -122.1724

MENLOTECH INC (Continued) **1000111898**

NAICS:
EPA ID: CAD053243051
Create Date: 2002-03-14 16:36:26.000
NAICS Code: 334412
NAICS Description: Bare Printed Circuit Board Manufacturing
Issued EPA ID Date: 1982-07-23 00:00:00
Inactive Date: 2005-06-30 15:01:00
Facility Name: MENLOTECH INC
Facility Address: 188 CONSTITUTION DR
Facility Address 2: Not reported
Facility City: MENLO PARK
Facility County: Not reported
Facility State: CA
Facility Zip: 940251117

I33 **MENLO TECH INC.** **SEMS** **1026109594**
North **188 CONSTITUTION DR** **CAD053243051**
1/4-1/2 **MENLO PARK, CA 94025**
0.392 mi.
2072 ft. **Site 2 of 2 in cluster I**

Relative:
Lower

Actual:
8 ft.

SEMS:
Site ID: 0905936
EPA ID: CAD053243051
Name: MENLO TECH INC.
Address: 188 CONSTITUTION DR
Address 2: Not reported
City,State,Zip: MENLO PARK, CA 94025-1117
Cong District: Not reported
FIPS Code: 06081
Latitude: +37.483000
Longitude: -122.171700
FF: N
NPL: Not on the NPL
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

SEMS Detail:
Region: 09
Site ID: 0905936
EPA ID: CAD053243051
Site Name: MENLO TECH INC.
NPL: N
FF: N
OU: 00
Action Code: HX
Action Name: PRE-CERC
SEQ: 1
Start Date: 2020-09-21 05:00:00
Finish Date: 2020-09-21 05:00:00
Qual: DI
Current Action Lead: St Perf

H34 **MENLO UPTOWN** **BROWNFIELDS** **S126285294**
NNW **141 JEFFERSON DRIVE (AND 172 - 188 CONSTITUTION DRIVE)** **N/A**
1/4-1/2 **MENLO PARK, CA 94025**
0.396 mi.
2092 ft. **Site 2 of 3 in cluster H**

Relative: **Lower**
Actual: **11 ft.**

BROWNFIELDS:

Name:	MENLO UPTOWN
Address:	141 JEFFERSON DRIVE (AND 172 - 188 CONSTITUTION DRIVE)
City,State,Zip:	MENLO PARK, CA 94025
Global ID:	T10000014570
Latitude:	37.48314
Longitude:	-122.17345
Project Type:	Cleanup Program Site
Status:	Open - Remediation
Status Date:	08/16/2021
Lead Agency:	SAN FRANCISCO BAY RWQCB (REGION 2)
Last Correspondence Date:	07/31/2022
Release Type:	Unknown
Contaminant(s) of Concern:	Dichloroethene (DCE), Other Chlorinated Hydrocarbons, Other Solvent or Non-Petroleum Hyd
Media of Concern:	Other Groundwater (uses other than drinking water), Soil Vapor
Past Use(s) that Caused Contamination:	MACHINE SHOP, MAINTENANCE / CLEANING, MANUFACTURING - ELECTRONIC, MANUFACTURING - INDUSTRIAL MACHINERY, MANUFACTURING - OTHER, PHOTOGRAPHIC PROCESSING
Human Health Exposure Controlled:	YES
Human Health Exposure Controlled Date:	08/01/2021
Groundwater Migration Controlled:	YES
Groundwater Migration Controlled Date:	08/01/2021
Primary Caseworker Name:	KIMBERLEE WEST
Primary Caseworker Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Primary Caseworker Phone Number:	510-622-2432
Primary Caseworker Address:	1515 CLAY STREET
Primary Caseworker Address:	OAKLAND
Primary Caseworker Address:	CA
Primary Caseworker Email:	kimberlee.west@waterboards.ca.gov

H35 **MENLO UPTOWN** **CPS-SLIC** **S126254776**
NNW **141 JEFFERSON DRIVE (AND 172 - 188 CONSTITUTION DRIVE)** **N/A**
1/4-1/2 **MENLO PARK, CA 94025**
0.396 mi.
2092 ft. **Site 3 of 3 in cluster H**

Relative: **Lower**
Actual: **11 ft.**

CPS-SLIC:

Name:	MENLO UPTOWN
Address:	141 JEFFERSON DRIVE (AND 172 - 188 CONSTITUTION DRIVE)
City,State,Zip:	MENLO PARK, CA 94025
Region:	STATE
Facility Status:	**Open - Remediation**
Status Date:	08/16/2021
Global Id:	T10000014570
Lead Agency:	SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number:	Not reported
Latitude:	37.48314
Longitude:	-122.17345
Case Type:	Cleanup Program Site
Case Worker:	KAW
Local Agency:	Not reported
RB Case Number:	41S0221
File Location:	All Files are on GeoTracker or in the Local Agency Database
Potential Media Affected:	Other Groundwater (uses other than drinking water), Soil Vapor

MENLO UPTOWN (Continued) **S126254776**

Potential Contaminants of Concern:	Dichloroethene (DCE), Other Chlorinated Hydrocarbons, Other Solvent or Non-Petroleum Hydrocarbon, Tetrachloroethylene (PCE), Other Metal, Waste Oil / Motor / Hydraulic / Lubricating
EPA Region:	9
Coordinate Source:	Not reported
Cuf Case:	NO
Quantity Released Gallons:	Not reported
Begin Date:	03/18/2020
Leak Reported Date:	Not reported
How Discovered:	Not reported
How Discovered Description:	Not reported
Discharge Source:	Not reported
Discharge Cause:	Not reported
Stop Method:	Not reported
Stop Description:	Not reported
No Further Action Date:	Not reported
CA Water Watershed Name:	South Bay - San Mateo Bayside (204.40)
Dwr Groundwater Subbasin Name:	Santa Clara Valley - San Mateo Plain (2-009.03)
Disadvantaged Community:	Severely Disadvantaged Community
CA Enviroscreen 3 Score:	46-50%
CA Enviroscreen 4 Score:	60-65%
Military DOD Site:	No
Facility Project Subtype:	Not reported
RWQCB Region:	SAN FRANCISCO BAY RWQCB (REGION 2)
Site History:	The site is comprised of 3 parcels at 141 Jefferson Drive and 172 - 188 Constitution Drive which have been used for various commercial and industrial shops since the 1960s. Groundwater and soil vapor are contaminated with volatile organic compounds including chlorinated solvents. As of 2020, the 3 parcels are planned for redevelopment into 3 new residential buildings: one building would be seven stories with ground-floor parking garage and 6 levels of apartments; one building would be seven stories with ground-floor parking garage, ground-floor retail space, and 6 levels of apartments; and the third building would be made of up six townhome buildings that would each contain seven three‐story units. Volatile organic compounds, including trichloroethene, exceed environmental screening levels (ESLs) in groundwater and soil vapor in the eastern-most portion of the Site. The 3 eastern-most townhome buildings, which are planned to be built in the area of the groundwater and soil vapor ESL exceedances, will be built with vapor intrusion mitigation systems (VIMS). Long-term operation, maintenance, and monitoring may be needed, in accordance with VIMS guidance.

Click here to access the California GeoTracker records for this facility:

J36 **BAY ASSOCIATES** **LUST** **S101308616**
NW **1150 CHRYSLER** **San Mateo Co. BI** **N/A**
1/4-1/2 **MENLO PARK, CA 94025** **Cortese**
0.431 mi. **HIST CORTESE**
2278 ft. **Site 1 of 2 in cluster J** **NPDES**
WDS
Relative: Lower **CIWQS**
CERS

Actual: 11 ft.

SAN MATEO CO. LUST:

Name:	BAY ASSOCIATES
Address:	1150 CHRYSLER DR
City,State,Zip:	MENLO PARK, CA

BAY ASSOCIATES (Continued) **S101308616**

Region:	SAN MATEO
Facility ID:	440005
Facility Status:	9- Case Closed
Global ID:	T0608100059
APN Number:	055243010
Case Type:	MENLO PARK, CA
EDR Link ID:	MENLO PARK, CA

LUST:

Name:	BAY ASSOCIATES
Address:	1150 CHRYSLER DRIVE
City,State,Zip:	MENLO PARK, CA 94025
Lead Agency:	SAN MATEO COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608100059
Global Id:	T0608100059
Latitude:	37.4827762649464
Longitude:	-122.174985408783
Status:	Completed - Case Closed
Status Date:	04/10/1999
Case Worker:	Not reported
RB Case Number:	41-0063
Local Agency:	Not reported
File Location:	Local Agency
Local Case Number:	440005
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Gasoline
EPA Region:	9
Coordinate Source:	* Historical Geocode - Exact Address Match
Cuf Case:	YES
Quantity Released Gallons:	0
Begin Date:	06/22/1985
Leak Reported Date:	06/22/1985
How Discovered:	Other Means
How Discovered Description:	Not reported
Discharge Source:	Not reported
Discharge Cause:	Not reported
Stop Method:	Other Means
Stop Description:	Not reported
No Further Action Date:	04/10/1999
CA Water Watershed Name:	South Bay - San Mateo Bayside (204.40)
Dwr Groundwater Subbasin Name:	Santa Clara Valley - San Mateo Plain (2-009.03)
Disadvantaged Community:	Not reported
CA Enviroscreen 3 Score:	46-50%
CA Enviroscreen 4 Score:	60-65%
Military DOD Site:	No
Facility Project Subtype:	Not reported
RWQCB Region:	SAN FRANCISCO BAY RWQCB (REGION 2)
Site History:	Not reported

LUST:

Global Id:	T0608100059
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND

BAY ASSOCIATES (Continued) **S101308616**

Email: Not reported
Phone Number: Not reported

Global Id: T0608100059
Contact Type: Regional Board Caseworker
Contact Name: UUU
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

LUST:
Global Id: T0608100059
Action Type: RESPONSE
Date: 11/01/2006
Action: Other Report / Document

Global Id: T0608100059
Action Type: ENFORCEMENT
Date: 06/22/1992
Action: Notice of Responsibility - #1

Global Id: T0608100059
Action Type: Other
Date: 06/22/1985
Action: Leak Reported

Global Id: T0608100059
Action Type: ENFORCEMENT
Date: 11/01/2006
Action: Technical Correspondence / Assistance / Other

Global Id: T0608100059
Action Type: ENFORCEMENT
Date: 11/01/2006
Action: Technical Correspondence / Assistance / Other

Global Id: T0608100059
Action Type: ENFORCEMENT
Date: 11/01/2006
Action: Technical Correspondence / Assistance / Other

Global Id: T0608100059
Action Type: ENFORCEMENT
Date: 11/01/2006
Action: Technical Correspondence / Assistance / Other

Global Id: T0608100059
Action Type: Other
Date: 06/22/1985
Action: Leak Discovery

LUST:
Global Id: T0608100059
Status: Open - Case Begin Date

BAY ASSOCIATES (Continued) **S101308616**

Status Date: 06/22/1985

Global Id: T0608100059
Status: Completed - Case Closed
Status Date: 04/10/1999

LUST REG 2:
Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 440005
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

San Mateo Co. BI:
Name: L-3 RANDTRON ANTENNA SYSTEMS
Address: 1150 CHRYSLER PLANT
City,State,Zip: MENLO PARK, CA 94025
Region: SAN MATEO
Facility ID: FA0005309
Prog Element Code: GEN 1-5 TONS HAZ WASTE/YR
Record Id: PR0004086
Description: GEN 1-5 TONS HAZ WASTE/YR
Facility Status: Active, billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: L-3 RANDTRON ANTENNA SYSTEMS
Address: 1150 CHRYSLER PLANT
City,State,Zip: MENLO PARK, CA 94025
Region: SAN MATEO
Facility ID: FA0005309
Prog Element Code: 3091
Record Id: PR0040524
Description: STORMWATER ANNUAL INSPECTION FEE
Facility Status: Inactive, non-billable
Program Category: STORMWATER

Name: L-3 RANDTRON ANTENNA SYSTEMS
Address: 1150 CHRYSLER PLANT
City,State,Zip: MENLO PARK, CA 94025
Region: SAN MATEO
Facility ID: FA0005309
Prog Element Code: STORES HAZ MAT <1,199GAL,9,999LB,4,799FT3
Record Id: PR0004087
Description: STORES HAZ MAT <1,199GAL,9,999LB,4,799CF
Facility Status: Active, billable

BAY ASSOCIATES (Continued) **S101308616**

Program Category: BUSINESS PLAN PROGRAM

CORTESE:

Name:	BAY ASSOCIATES
Address:	1150 CHRYSLER DRIVE
City,State,Zip:	MENLO PARK, CA 94025
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0608100059
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

HIST CORTESE:

edr_fname:	BAY ASSOCIATES
edr_fadd1:	1150 CHRYSLER
City,State,Zip:	MENLO PARK, CA
Region:	CORTESE
Facility County Code:	41
Reg By:	LTNKA
Reg Id:	41-0063

NPDES:

Name:	L3HARRIS RANDTRON ANTENNA SYSTEMS
Address:	1150 CHRYSLER DR
City,State,Zip:	MENLO PARK, CA 94025
Facility Status:	Not reported
NPDES Number:	Not reported
Region:	Not reported
Agency Number:	Not reported
Regulatory Measure ID:	Not reported
Place ID:	Not reported
Order Number:	Not reported
WDID:	2 41NEC000047
Regulatory Measure Type:	Industrial
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	Not reported

BAY ASSOCIATES (Continued) **S101308616**

Discharge Name:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Active
Status Date:	07/09/2015
Operator Name:	L3 Communications Corp
Operator Address:	130 Constitution Dr
Operator City:	Menlo Park
Operator State:	California
Operator Zip:	94025

NPDES as of 03/2018:

NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	2
Regulatory Measure ID:	182930
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	2 41NEC000047
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	07/09/2015
Processed Date:	07/07/1997
Status:	Active
Status Date:	07/09/2015
Place Size:	60443
Place Size Unit:	Acres
Contact:	Randy C Perkins
Contact Title:	EH&S / Facilities Manager
Contact Phone:	650-326-9500
Contact Phone Ext:	483
Contact Email:	randy.perkins@l-3com.com
Operator Name:	L3 Communications Corp
Operator Address:	130 Constitution Dr
Operator City:	Menlo Park
Operator State:	California
Operator Zip:	94025
Operator Contact:	Randy Perkins
Operator Contact Title:	EH&S / Facilities Manager
Operator Contact Phone:	650-326-9500
Operator Contact Phone Ext:	483
Operator Contact Email:	randy.perkins@L-3com.com
Operator Type:	Private Business
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	California

BAY ASSOCIATES (Continued) **S101308616**

Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	650-823-6179
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	N
Receiving Water Name:	Municipal storm water system
Certifier:	Randy Perkins
Certifier Title:	EH&S / Facilities Manager
Certification Date:	29-SEP-16
Primary Sic:	3812-Search, Detection, Navigation, Guidance, Aeronautical, and Nautical Systems and Instruments
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	2
Regulatory Measure ID:	182930
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	2 41NEC000047
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	07/07/1997
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	L3 Communications Corp
Discharge Address:	130 Constitution Dr
Discharge City:	Menlo Park
Discharge State:	California
Discharge Zip:	94025
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported

BAY ASSOCIATES (Continued) **S101308616**

Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

Name:	L3HARRIS RANDTRON ANTENNA SYSTEMS
Address:	1150 CHRYSLER DR
City,State,Zip:	MENLO PARK, CA 94025
Facility Status:	Active
NPDES Number:	CAS000001

BAY ASSOCIATES (Continued) **S101308616**

Region:	2
Agency Number:	0
Regulatory Measure ID:	182930
Place ID:	Not reported
Order Number:	97-03-DWQ
WDID:	2 41NEC000047
Regulatory Measure Type:	Enrollee
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	07/07/1997
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	130 Constitution Dr
Discharge Name:	L3 Communications Corp
Discharge City:	Menlo Park
Discharge State:	California
Discharge Zip:	94025
Status:	Not reported
Status Date:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported

NPDES as of 03/2018:

NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	2
Regulatory Measure ID:	182930
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	2 41NEC000047
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	07/09/2015
Processed Date:	07/07/1997
Status:	Active
Status Date:	07/09/2015
Place Size:	60443
Place Size Unit:	Acres
Contact:	Randy C Perkins
Contact Title:	EH&S / Facilities Manager
Contact Phone:	650-326-9500
Contact Phone Ext:	483
Contact Email:	randy.perkins@l-3com.com
Operator Name:	L3 Communications Corp
Operator Address:	130 Constitution Dr

BAY ASSOCIATES (Continued) **S101308616**

Operator City:	Menlo Park
Operator State:	California
Operator Zip:	94025
Operator Contact:	Randy Perkins
Operator Contact Title:	EH&S / Facilities Manager
Operator Contact Phone:	650-326-9500
Operator Contact Phone Ext:	483
Operator Contact Email:	randy.perkins@L-3com.com
Operator Type:	Private Business
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	California
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	650-823-6179
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	N
Receiving Water Name:	Municipal storm water system
Certifier:	Randy Perkins
Certifier Title:	EH&S / Facilities Manager
Certification Date:	29-SEP-16
Primary Sic:	3812-Search, Detection, Navigation, Guidance, Aeronautical, and Nautical Systems and Instruments
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	2
Regulatory Measure ID:	182930
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	2 41NEC000047
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	07/07/1997

BAY ASSOCIATES (Continued) **S101308616**

Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	L3 Communications Corp
Discharge Address:	130 Constitution Dr
Discharge City:	Menlo Park
Discharge State:	California
Discharge Zip:	94025
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported

BAY ASSOCIATES (Continued) **S101308616**

Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

WDS:

Name:	L3 COMMUNICATIONS CORP
Address:	1150 Chrysler Dr
City:	MENLO PARK
Facility ID:	San Francisco Bay 41I013248
Facility Type:	Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.
Facility Status:	Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number:	CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion:	2
Facility Telephone:	6503269500
Facility Contact:	HEATHER ZINN
Agency Name:	L3 COMMUNICATIONS CORP
Agency Address:	130 Constitution Dr
Agency City,St,Zip:	Menlo Park 940251141
Agency Contact:	HEATHER ZINN
Agency Telephone:	6503269500
Agency Type:	?
SIC Code:	0
SIC Code 2:	Not reported
Primary Waste Type:	Not reported
Primary Waste:	Not reported
Waste Type2:	Not reported
Waste2:	Not reported
Primary Waste Type:	Not reported
Secondary Waste:	Not reported
Secondary Waste Type:	Not reported
Design Flow:	0
Baseline Flow:	0
Reclamation:	Not reported
POTW:	Not reported
Treat To Water:	Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
Complexity:	Category C - Facilities having no waste treatment systems, such as cooling water dischargers or thosewho must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

BAY ASSOCIATES (Continued) **S101308616**

CIWQS:

Name:	L3HARRIS RANDTRON ANTENNA SYSTEMS
Address:	1150 CHRYSLER DR
City,State,Zip:	MENLO PARK, CA 94025
Agency:	L3 Communications Corp
Agency Address:	130 Constitution Dr, Menlo Park, CA 94025
Place/Project Type:	Industrial - Search, Detection, Navigation, Guidance, Aeronautical, and Nautical Systems and Instruments
SIC/NAICS:	3812
Region:	2
Program:	INDSTW
Regulatory Measure Status:	Active
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	2 41NEC000047
NPDES Number:	CAS000001
Adoption Date:	Not reported
Effective Date:	07/07/1997
Termination Date:	Not reported
Expiration/Review Date:	Not reported
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	37.48248
Longitude:	-122.17555

CERS:

Name:	L3HARRIS RANDTRON ANTENNA SYSTEMS
Address:	1150 CHRYSLER DR
City,State,Zip:	MENLO PARK, CA 94025
Site ID:	535188
CERS ID:	235759
CERS Description:	Industrial Facility Storm Water

Affiliation:

Affiliation Type Desc:	Owner/Operator
Entity Name:	L3 Communications Corp
Entity Title:	Operator
Affiliation Address:	130 Constitution Dr
Affiliation City:	Menlo Park
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94025
Affiliation Phone:	,

Name:	BAY ASSOCIATES
Address:	1150 CHRYSLER DRIVE
City,State,Zip:	MENLO PARK, CA 94025
Site ID:	227605
CERS ID:	T0608100059
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

BAY ASSOCIATES (Continued) **S101308616**

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	UUU - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

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37 **UPRR EASEMENT, FORMER** **LUST** **S106162475**
ENE **1470 CHILCO** **CPS-SLIC** **N/A**
1/4-1/2 **MENLO PARK, CA 94025** **CERS**
0.452 mi.
2387 ft.

Relative:
Lower

Actual:
8 ft.

SAN MATEO CO. LUST:

Name:	UPRR EASEMENT, FORMER
Address:	1470 CHILCO ST
City,State,Zip:	MENLO PARK, CA
Region:	SAN MATEO
Facility ID:	449076
Facility Status:	9- Case Closed
Global ID:	SL0608151735
APN Number:	055480480
Case Type:	MENLO PARK, CA
EDR Link ID:	MENLO PARK, CA

CPS-SLIC:

Name:	UPRR EASEMENT, FORMER
Address:	1470 CHILCO
City,State,Zip:	MENLO PARK, CA 94025
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	10/27/2004
Global Id:	SL0608151735
Lead Agency:	SAN MATEO COUNTY LOP
Lead Agency Case Number:	449076
Latitude:	37.480016
Longitude:	-122.162222
Case Type:	Cleanup Program Site
Case Worker:	Not reported
Local Agency:	Not reported
RB Case Number:	Not reported
File Location:	Local Agency Warehouse
Potential Media Affected:	Soil

UPRR EASEMENT, FORMER (Continued) **S106162475**

Potential Contaminants of Concern:	Other Petroleum
EPA Region:	9
Coordinate Source:	Google Geocode
Cuf Case:	NO
Quantity Released Gallons:	0
Begin Date:	03/10/2003
Leak Reported Date:	04/16/2003
How Discovered:	Not reported
How Discovered Description:	Not reported
Discharge Source:	Not reported
Discharge Cause:	Not reported
Stop Method:	Other Means
Stop Description:	Not reported
No Further Action Date:	10/27/2004
CA Water Watershed Name:	South Bay - San Mateo Bayside (204.40)
Dwr Groundwater Subbasin Name:	Santa Clara Valley - San Mateo Plain (2-009.03)
Disadvantaged Community:	Not reported
CA Enviroscreen 3 Score:	46-50%
CA Enviroscreen 4 Score:	60-65%
Military DOD Site:	No
Facility Project Subtype:	Not reported
RWQCB Region:	SAN FRANCISCO BAY RWQCB (REGION 2)
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

CERS:

Name:	UPRR EASEMENT, FORMER
Address:	1470 CHILCO
City,State,Zip:	MENLO PARK, CA 94025
Site ID:	194953
CERS ID:	SL0608151735
CERS Description:	Cleanup Program Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	UUU - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

K38 **KNAPPKINS** **LUST** **S101303111**
WNW **4055 BOHANNON** **San Mateo Co. BI** **N/A**
1/4-1/2 **MENLO PARK, CA 94025** **Cortese**
0.457 mi.
2414 ft. **Site 1 of 4 in cluster K**

Relative:
Higher

Actual:
20 ft.

SAN MATEO CO. LUST:

Name:	KNAPPKINS
Address:	4055 BOHANNON DR
City,State,Zip:	MENLO PARK, CA
Region:	SAN MATEO
Facility ID:	440032
Facility Status:	9- Case Closed
Global ID:	T0608100295
APN Number:	055253030
Case Type:	MENLO PARK, CA
EDR Link ID:	MENLO PARK, CA

LUST REG 2:

Region:	2
Facility Id:	Not reported
Facility Status:	Case Closed
Case Number:	440032
How Discovered:	OM
Leak Cause:	Unknown
Leak Source:	Unknown
Date Leak Confirmed:	Not reported
Oversight Program:	LUST
Prelim. Site Assesment Wokplan Submitted:	Not reported
Preliminary Site Assesment Began:	Not reported
Pollution Characterization Began:	Not reported
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	Not reported
Date Post Remedial Action Monitoring Began:	Not reported

San Mateo Co. BI:

Name:	CRITCHFIELD
Address:	4055 BOHANNON
City,State,Zip:	MENLO PARK, CA 94025
Region:	SAN MATEO
Facility ID:	FA0022909
Prog Element Code:	GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id:	PR0025788
Description:	GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status:	Inactive, non-billable
Program Category:	HAZARDOUS WASTE PROGRAM

Name:	CRITCHFIELD
Address:	4055 BOHANNON
City,State,Zip:	MENLO PARK, CA 94025
Region:	SAN MATEO
Facility ID:	FA0022909
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0040611
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER

KNAPPKINS (Continued) **S101303111**

Name: CRITCHFIELD
Address: 4055 BOHANNON
City,State,Zip: MENLO PARK, CA 94025
Region: SAN MATEO
Facility ID: FA0022909
Prog Element Code: UNDERGROUND TANK - GENERAL
Record Id: PR0026274
Description: UNDERGROUND TANK - GENERAL
Facility Status: Inactive, non-billable
Program Category: UNDERGROUND TANK PROGRAM

Name: CRITCHFIELD
Address: 4055 BOHANNON
City,State,Zip: MENLO PARK, CA 94025
Region: SAN MATEO
Facility ID: FA0022909
Prog Element Code: STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id: PR0028461
Description: STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

CORTESE:
Name: KNAPPKINS
Address: 4055 BOHANNON
City,State,Zip: MENLO PARK, CA 94025
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0608100295
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

K39 **KNAPPKINS** **LUST** **S103892574**
WNW **4055 BOHANNON** **HIST CORTESE** **N/A**
1/4-1/2 **MENLO PARK, CA 94026** **CERS**
0.457 mi.
2414 ft. **Site 2 of 4 in cluster K**

Relative:
Higher

Actual:
20 ft.

LUST:

Name:	KNAPPKINS
Address:	4055 BOHANNON
City,State,Zip:	MENLO PARK, CA 94025
Lead Agency:	SAN MATEO COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608100295
Global Id:	T0608100295
Latitude:	37.480449
Longitude:	-122.17911
Status:	Completed - Case Closed
Status Date:	06/30/1998
Case Worker:	Not reported
RB Case Number:	41-0310
Local Agency:	Not reported
File Location:	Local Agency
Local Case Number:	440032
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Gasoline
EPA Region:	9
Coordinate Source:	Google Geocode
Cuf Case:	YES
Quantity Released Gallons:	0
Begin Date:	09/05/1990
Leak Reported Date:	09/05/1990
How Discovered:	Other Means
How Discovered Description:	Not reported
Discharge Source:	Not reported
Discharge Cause:	Not reported
Stop Method:	Other Means
Stop Description:	Not reported
No Further Action Date:	06/30/1998
CA Water Watershed Name:	South Bay - San Mateo Bayside (204.40)
Dwr Groundwater Subbasin Name:	Santa Clara Valley - San Mateo Plain (2-009.03)
Disadvantaged Community:	Not reported
CA Enviroscreen 3 Score:	46-50%
CA Enviroscreen 4 Score:	60-65%
Military DOD Site:	No
Facility Project Subtype:	Not reported
RWQCB Region:	SAN FRANCISCO BAY RWQCB (REGION 2)
Site History:	Not reported

LUST:

Global Id:	T0608100295
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

Global Id:	T0608100295
Contact Type:	Regional Board Caseworker

KNAPPKINS (Continued) **S103892574**

Contact Name: UUU
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

LUST:
Global Id: T0608100295
Action Type: REMEDIATION
Date: 01/20/1994
Action: Pump & Treat (P&T) Groundwater

Global Id: T0608100295
Action Type: ENFORCEMENT
Date: 06/30/1998
Action: Closure/No Further Action Letter

Global Id: T0608100295
Action Type: RESPONSE
Date: 06/30/1998
Action: Other Report / Document

Global Id: T0608100295
Action Type: ENFORCEMENT
Date: 04/23/1991
Action: Notice of Responsibility - #1

Global Id: T0608100295
Action Type: Other
Date: 09/05/1990
Action: Leak Reported

Global Id: T0608100295
Action Type: REMEDIATION
Date: 01/20/1994
Action: Not reported

Global Id: T0608100295
Action Type: REMEDIATION
Date: 01/20/1994
Action: Other (Use Description Field)

Global Id: T0608100295
Action Type: ENFORCEMENT
Date: 11/01/2006
Action: Technical Correspondence / Assistance / Other

Global Id: T0608100295
Action Type: Other
Date: 04/18/1991
Action: Leak Discovery

LUST:
Global Id: T0608100295
Status: Open - Case Begin Date

KNAPPKINS (Continued) **S103892574**

Status Date: 09/05/1990

Global Id: T0608100295
Status: Completed - Case Closed
Status Date: 06/30/1998

HIST CORTESE:
edr_fname: KNAPPKINS
edr_fadd1: 4055 BOHANNON
City,State,Zip: MENLO PARK, CA 94026
Region: CORTESE
Facility County Code: 41
Reg By: LTNKA
Reg Id: 41-0310

CERS:
Name: KNAPPKINS
Address: 4055 BOHANNON
City,State,Zip: MENLO PARK, CA 94025
Site ID: 242249
CERS ID: T0608100295
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY ST SUITE 1400
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Regional Board Caseworker
Entity Name: UUU - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY ST SUITE 1400
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

L40
NE
1/4-1/2
0.458 mi.
2420 ft.

Relative:
Lower

Actual:
6 ft.

TE CONECTIVITY
305 CONSTITUTION DR
MENLO PARK, CA 94025

Site 1 of 3 in cluster L

SEMS-ARCHIVE **1000170323**
ENVIROSTOR **CAD009125527**
HIST UST
DEED
CHMIRS
2020 COR ACTION
PADS
FINDS
ECHO
PFAS ECHO
EMI
HIST CORTESE
NPDES
WDS
CIWQS
CERS

SEMS Archive:

Site ID:	0901154
EPA ID:	CAD009125527
Name:	RAYCHEM CORP
Address:	300 CONSTITUTION DR BLDG H
Address 2:	Not reported
City,State,Zip:	MENLO PARK, CA 94025
Cong District:	12
FIPS Code:	06081
FF:	N
NPL:	Not on the NPL
Non NPL Status:	NFRAP-Site does not qualify for the NPL based on existing information

SEMS Archive Detail:

Region:	09
Site ID:	0901154
EPA ID:	CAD009125527
Site Name:	RAYCHEM CORP
NPL:	N
FF:	N
OU:	00
Action Code:	VS
Action Name:	ARCH SITE
SEQ:	1
Start Date:	Not reported
Finish Date:	1991-10-11 04:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf In-Hse

Region:	09
Site ID:	0901154
EPA ID:	CAD009125527
Site Name:	RAYCHEM CORP
NPL:	N
FF:	N
OU:	00
Action Code:	DS
Action Name:	DISCVRY
SEQ:	1
Start Date:	1981-06-01 04:00:00
Finish Date:	1981-06-01 04:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf

TE CONECTIVITY (Continued) **1000170323**

Region:	09
Site ID:	0901154
EPA ID:	CAD009125527
Site Name:	RAYCHEM CORP
NPL:	N
FF:	N
OU:	00
Action Code:	SI
Action Name:	SI
SEQ:	2
Start Date:	1986-05-01 04:00:00
Finish Date:	1986-08-01 04:00:00
Qual:	H
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0901154
EPA ID:	CAD009125527
Site Name:	RAYCHEM CORP
NPL:	N
FF:	N
OU:	00
Action Code:	PA
Action Name:	PA
SEQ:	1
Start Date:	Not reported
Finish Date:	1986-05-01 04:00:00
Qual:	L
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0901154
EPA ID:	CAD009125527
Site Name:	RAYCHEM CORP
NPL:	N
FF:	N
OU:	00
Action Code:	SI
Action Name:	SI
SEQ:	1
Start Date:	Not reported
Finish Date:	1991-10-11 04:00:00
Qual:	N
Current Action Lead:	EPA Perf

ENVIROSTOR:

Name:	RAYCHEM CORPORATION
Address:	300 CONSTITUTION DRIVE
City,State,Zip:	MENLO PARK, CA 94025
Facility ID:	41280137
Status:	Refer: RCRA
Status Date:	08/01/1994
Site Code:	Not reported
Site Type:	Historical
Site Type Detailed:	* Historical
Acres:	Not reported

TE CONECTIVITY (Continued) **1000170323**

NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	Referred - Not Assigned
Division Branch:	Cleanup Berkeley
Assembly:	24
Senate:	13
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	37.48056
Longitude:	-122.1669
APN:	055244010
Past Use:	NONE SPECIFIED
Potential COC:	* HALOGENATED ORGANIC COMPOUNDS * HALOGENATED SOLVENTS * HYDROCARBON SOLVENTS * Laboratory Waste Chemicals * Metals - Other Inorganic Solid Waste * Metals - Sludge * OIL/WATER SEPARATION SLUDGE * OTHER STILL BOTTOM WASTE * OXYGENATED SOLVENTS * CONTAMINATED SOIL * ACID SOLUTION 2>PH WITH METALS * Sludge - Paint * STILL BOTTOMS WITH HALOGENATED ORGANICS * TANK BOTTOM WASTES * UNSPECIFIED ACID SOLUTION * UNSPECIFIED OIL CONTAINING WASTE * UNSPECIFIED SLUDGE WASTE * UNSPECIFIED SOLVENT MIXTURES * WASTE OIL & MIXED OIL * ADHESIVES * EMPTY CONTAINERS, LESS THAN 30 GALLONS * OTHER PESTICIDE CONTAINERS, 30 GALLONS OR MORE Arsenic Lead Polychlorinated biphenyls (PCBs Cadmium and compounds Cyanide (free Mercury and compounds Nickel Thallium and compounds
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	TYCO ELECTRONICS CORPORATION
Alias Type:	Alternate Name
Alias Name:	055244010
Alias Type:	APN
Alias Name:	CAD009125527
Alias Type:	EPA Identification Number
Alias Name:	110000482399
Alias Type:	EPA (FRS #)
Alias Name:	SLT2O099105
Alias Type:	GeoTracker Global ID
Alias Name:	P23049
Alias Type:	PCode
Alias Name:	41280137
Alias Type:	Envirostor ID Number
Alias Name:	80001600
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	06/20/1991
Comments:	Raychem Corporation submitted a PEA to the Dept on 5/17/91. Results of the PEA indicate PCB in soil above extremely hazardous ttlc. Contaminated GW under site. A residential neighborhood and a school are located less than 200' to the South of site. A tidal slough and sensitive wetland are adjacent to the north boundary of the site. High-tech chemical, plastics and materials manufacturer operated at

TE CONECTIVITY (Continued) **1000170323**

site since 1965. PEA submitted in May 1991 indicates that nickel and cadmium may be present in soils above their respective TTLC and/or STLC. Elevated levels of solvents found in GW under the site. PCB found in soils at levels above the extremely hazardous waste TTLC. PCB has also migrated off-site via surface runoff. Draft ISE determination and RAO sent to TLO for review on June 11, 1991.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 01/13/1988
Comments: Site screening done: Site is an active TSD. SI done 8/86. Subsurface PCB contamination. DCE, CD and Pb in groundwater. > drinking. Pending action by RCRA.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 08/01/1980
Comments: Facility identified: active site identified independent of driveby.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

Name: TYCO ELECTRONICS CORPORATION
Address: 300 CONSTITUTION DR
City,State,Zip: MENLO PARK, CA 940250000
Facility ID: 80001600
Status: Certified / Operation & Maintenance
Status Date: 09/26/2012
Site Code: 520017
Site Type: Corrective Action
Site Type Detailed: Corrective Action
Acres: 80
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: WM
Program Manager: Robert Boggs
Supervisor: Kimberly Walsh
Division Branch: Cleanup Berkeley
Assembly: 24
Senate: 13
Special Program: Not reported
Restricted Use: YES
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 37.48056
Longitude: -122.1669
APN: 055244010, 055260080, 055260190, 055260200, 055260210, 055260220
Past Use: MANUFACTURING - CHEMICALS, MANUFACTURING - ELECTRONIC

TE CONECTIVITY (Continued) **1000170323**

Potential COC: Polychlorinated biphenyls (PCBs
Confirmed COC: Polychlorinated biphenyls (PCBs
Potential Description: SOIL
Alias Name: Facebook West Campus
Alias Type: Alternate Name
Alias Name: Menlo Park West Campus
Alias Type: Alternate Name
Alias Name: RAYCHEM CORPORATION
Alias Type: Alternate Name
Alias Name: 055244010
Alias Type: APN
Alias Name: 055260080
Alias Type: APN
Alias Name: 055260190
Alias Type: APN
Alias Name: 055260200
Alias Type: APN
Alias Name: 055260210
Alias Type: APN
Alias Name: 055260220
Alias Type: APN
Alias Name: CAD009125527
Alias Type: EPA Identification Number
Alias Name: 110000482399
Alias Type: EPA (FRS #)
Alias Name: 200226
Alias Type: Site Code - Historical
Alias Name: 520017
Alias Type: Project Code (Site Code)
Alias Name: 41280137
Alias Type: Envirostor ID Number
Alias Name: 80001600
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Corrective Measure Implementation Workplan
Completed Date: 10/10/2002
Comments: West side Area #1

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 05/20/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Interim Measures Workplan
Completed Date: 02/02/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Interim Measures Implementation Report
Completed Date: 04/18/2007
Comments: Not reported

TE CONECTIVITY (Continued) **1000170323**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 01/25/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Financial Assurance Documentation
Completed Date: 03/21/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 04/06/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 02/23/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 07/03/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 03/12/2014
Comments: the annual inspection report documents site conditions as related to restrictions set forth in the Land Use Covenant (LUC), and compliance with the LUC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 01/19/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 02/20/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 08/12/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE

TE CONECTIVITY (Continued) **1000170323**

Completed Sub Area Name:	Not reported
Completed Document Type:	Monitoring Report
Completed Date:	05/24/2017
Comments:	The Revised Ground-water Sampling Report, September 2016 documents the groundwater monitoring activities and results for the semi-annual groundwater monitoring onsite. DTSC has reviewed the February 2017 revision and has no comments.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Risk Assessment Report
Completed Date:	04/27/2005
Comments:	In file
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Fieldwork
Completed Date:	01/30/2015
Comments:	Field work
Completed Area Name:	Building 23
Completed Sub Area Name:	Not reported
Completed Document Type:	Other Report
Completed Date:	09/08/2015
Comments:	Not reported
Completed Area Name:	Building 21
Completed Sub Area Name:	Not reported
Completed Document Type:	Soils Management Plan
Completed Date:	11/17/2015
Comments:	The MPK21 Soil Management Plan describes soil management activities associated with the development of Building 21 at 307, 308, and 309 Constitution Drive.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Technical Report
Completed Date:	09/21/2015
Comments:	Not reported
Completed Area Name:	Building 22
Completed Sub Area Name:	Not reported
Completed Document Type:	Technical Workplan
Completed Date:	02/17/2016
Comments:	The Work Plan for Phase II Investigation, MPK 22 proposes additional environmental investigation in the vicinity of the planned future Building MPK22. Investigation activities will include soil sampling, grab groundwater sampling, and the installation of soil vapor wells.
Completed Area Name:	Building 23
Completed Sub Area Name:	Not reported
Completed Document Type:	Fieldwork
Completed Date:	04/06/2015
Comments:	Fieldwork - 18 Soil Borings were advanced, 54 soil samples were collected.
Completed Area Name:	PROJECT WIDE

TE CONECTIVITY (Continued) **1000170323**

Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 05/03/2017
Comments: The Revised Phase II Investigation Report, dated October 2016, revised and submitted May 2017, describes the results from the investigation activities at 301-306 Constitution Drive. DTSC's comments have been addressed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 09/19/2020
Comments: Schedule update and closeout of past activities.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Soils Management Plan
Completed Date: 05/11/2017
Comments: The Work Plan for Soil Removal Activities, Park/Open Space at MPK 21 propose soil removal activities to be conducted as part of construction of Building MPK21 and in accordance with the DTSC-approved MPK 21 Soil Management Plan. DTSC has reviewed the Work Plan and approves it.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 08/08/2017
Comments: The indoor air sampling work plan proposes indoor air sampling at Building 305. DTSC has reviewed the work plan and approves the document.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 05/23/2017
Comments: The Work Plan to Decommission 5 Groundwater Monitoring Wells, April 2017, proposes removal of 5 onsite groundwater wells due to the ongoing construction to redevelop the site. After construction is complete, Tyco will work with DTSC to replace the wells in-kind.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 11/06/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/21/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 01/19/2007

TE CONECTIVITY (Continued) **1000170323**

Comments:	Land Use Covenant
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Interim Measures Questionnaire
Completed Date:	01/04/2002
Comments:	Interim Remedial Measures Addendum #4 Implementation Summary Area 6 (Chem Plant)
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Ready for Anticipated Use
Completed Date:	07/28/2021
Comments:	Ready for Anticipated Use Environmental Indicator Report
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Monitoring Report
Completed Date:	02/01/2008
Comments:	Groundwater Monitoring Report and Approval
Completed Area Name:	Sites With No Operable Unit
Completed Sub Area Name:	Offsite Soil
Completed Document Type:	RFI Report
Completed Date:	10/04/2004
Comments:	RFI Report and Approval
Completed Area Name:	Sites With No Operable Unit
Completed Sub Area Name:	Offsite Soil
Completed Document Type:	RFI Workplan
Completed Date:	06/04/2004
Comments:	RFI Workplan Approval - Offsite Soil
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	RFI Report
Completed Date:	03/05/2004
Comments:	west end soil, sitewide GW, HHRA, ERA
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Assessment Report
Completed Date:	05/01/1986
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Remedy Constructed: Operating Properly & Successfully
Completed Date:	09/06/2007
Comments:	Corrective Action -Corrective Measures Implementation Approved
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Assessment Report
Completed Date:	08/01/1986
Comments:	Not reported

TE CONECTIVITY (Continued) **1000170323**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 07/27/2006
Comments: Fact Sheet for Remedy Selection

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 08/03/2009
Comments: Not reported

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: East and Offsite of the facility
Completed Document Type: RFI Report
Completed Date: 10/07/2002
Comments: RFI East End Area 6 approval letter 10-7-2002

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: East and Offsite of the facility
Completed Document Type: RFI Workplan
Completed Date: 10/07/2002
Comments: East side offsite groundwater

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Corrective Measures Study Report
Completed Date: 07/10/2006
Comments: CMS technical completeness letter

Completed Area Name: Building 21
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 03/30/2015
Comments: Fieldwork - 66 soil borings were advanced, 151 soil samples were collected.

Completed Area Name: Building 22
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 06/30/2016
Comments: The soil investigation was completed in accordance with the MPK 22 Soil Investigation Work Plan.

Completed Area Name: Building 23
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 03/27/2015
Comments: Not reported

Completed Area Name: Building 21
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 05/20/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE

TE CONECTIVITY (Continued) **1000170323**

Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 01/27/2015
Comments: Not reported

Completed Area Name: Building 21
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 08/21/2016
Comments: Soil management and demolition activities were completed at MPK 21 per the November 6, 2015 Soil Management Plan.

Completed Area Name: Building 21
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 03/16/2015
Comments: Not reported

Completed Area Name: Building 22
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 07/22/2016
Comments: This soil management plan documents soil management protocols to take place during redevelopment activities at Building 22.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 11/18/2015
Comments: The Work Plan to Profile Soil for Off Site Disposal supplements the prior Soil Quality Investigation (Cornerstone, July 2015) and proposes additional sampling to further characterize onsite soils for offsite disposal.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 09/24/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 01/09/2015
Comments: No action required

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 01/09/2015
Comments: No action required

Completed Area Name: Building 22
Completed Sub Area Name: Not reported
Completed Document Type: Soils Management Plan
Completed Date: 07/22/2016
Comments: The MPK 22 Soil Management Plan describes soil management procedures

TE CONECTIVITY (Continued) **1000170323**

to be followed in the area to be redeveloped into Building 22.

Completed Area Name: Building 23
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 03/27/2015
Comments: DTSC has reviewed and approved the use of the Soil Management Plan for the West Campus (Building 20) for the Building 23 area.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/29/2017
Comments: The Annual Oversight Cost Estimate provides an estimate for DTSC's oversight costs for the period starting July 1, 2017 and ending June 30, 2018.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 04/17/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 05/06/2020
Comments: Inspection Completed and letter report uploaded. Report documents that the cover (building) over the contaminated soil remains protective.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pre-HARP Form
Completed Date: 10/18/2018
Comments: HARP

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 06/05/2018
Comments: RCRA Ready for Anticipated Use (RAU).

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 03/06/2020
Comments: DTSC completed the annual cost estimate and schedule update.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/01/2021
Comments: This document is a schedule and cost estimate for the 2021-2022 Fiscal Year.

Completed Area Name: PROJECT WIDE

TE CONECTIVITY (Continued) **1000170323**

Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Plan
Completed Date: 04/14/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 09/26/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 08/30/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 06/10/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Soils Management Plan
Completed Date: 04/22/2013
Comments: Not reported

Completed Area Name: Building 21
Completed Sub Area Name: Not reported
Completed Document Type: RFI Report
Completed Date: 07/23/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 09/16/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 07/31/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Financial Assurance Documentation
Completed Date: 04/24/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 06/05/2014

TE CONECTIVITY (Continued) **1000170323**

Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Soils Management Plan
Completed Date: 01/08/2020
Comments: Addendum accepted and added to the overall SMP

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Plan
Completed Date: 06/05/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: RFI Report
Completed Date: 01/23/2020
Comments: Supplemental sampling to determine the extent of contamination

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 01/17/2020
Comments: Meetings and Inspections completed.

Completed Area Name: Building 22
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Design
Completed Date: 11/15/2019
Comments: Dessign Drawings accepted

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Soils Management Plan
Completed Date: 12/10/2019
Comments: Soil Management Plan that identifies activities related to the removal of contaminated soil at Building 305.

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: East and Offsite of the facility
Completed Document Type: Soils Management Plan
Completed Date: 12/17/2019
Comments: Addendum accepted and added to the overall SMP

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Soils Management Plan
Completed Date: 01/08/2020
Comments: Soil Management Plan that identifies activities related to the removal of PCB contaminated soil and sidewalk at the area north of Building 305.

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: Offsite Soil
Completed Document Type: RFI Workplan
Completed Date: 05/07/2020

TE CONECTIVITY (Continued) **1000170323**

Comments: Work Plan for investigation of PCBs in soil along the bike path south of Building 305. Reviewed and approved by the U.S.EPA and DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 11/05/2020
Comments: Work plan to perform geotechnical investigations to determine the structural requirements for construction of a multi-story hotel.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 10/12/2020
Comments: Remedy (cap) remains in place and protective.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 05/10/2021
Comments: Accepted Annual Inspection Report

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 09/17/2014
Comments: correspondence received

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 08/06/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Amendment - Order/Agreement
Completed Date: 09/22/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Amendment - Order/Agreement
Completed Date: 12/31/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 11/30/2006
Comments: Appendix G - Operation & Maintenance Plan from Remedy Selection and Statement of Basis

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 09/06/2007

TE CONECTIVITY (Continued) **1000170323**

Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 08/05/2016
Comments: The semi-annual groundwater monitoring report documents the groundwater monitoring performed in accordance with Operation and Maintenance requirements at the site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 09/18/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 12/15/2015
Comments: This Annual Site Inspection report complies with the annual site inspection requirements of Section 4.6 the Land Use Covenant for the property.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 01/21/2015
Comments: Completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 02/08/2016
Comments: This document reports the groundwater monitoring results from September 2015.

Completed Area Name: Building 21
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 04/17/2018
Comments: Well decommissioning plan concurrence letter.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/30/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/24/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

TE CONECTIVITY (Continued) **1000170323**

Completed Document Type: Remedy Construction Complete
Completed Date: 09/06/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Remedy Selected
Completed Date: 11/30/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Human Exposure Controlled
Completed Date: 03/30/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/29/2016
Comments: This letter transmits DTSC's estimate of oversight costs for the site for the time period July 1, 2016 - June 30, 2017.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Agreement
Completed Date: 09/14/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Groundwater Migration Controlled
Completed Date: 04/27/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Risk Assessment Report
Completed Date: 07/10/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 03/30/2011
Comments: Signed HHEI.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 10/28/2017
Comments: Data Report Accepted

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 01/29/2018

TE CONECTIVITY (Continued) **1000170323**

Comments: Data Report Accepted

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 06/09/2017
Comments: DTSC reviewed the Indoor Air Sampling Reports for Building 305B and 305C from 2014 and 2015. In response to DTSC comments, another indoor air sampling event will be conducted and reported to DTSC. This addresses DTSC's comments.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Soils Management Plan
Completed Date: 12/15/2016
Comments: The revised Soil Management Plan for Utility Corridor MPK 21, 22, and 23 describes soil management protocols proposed for the utility installation planned for December 2016. DTSC's comments on previous drafts of the report have been adequately addressed, and DTSC approves the Soil Management Plan.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 04/17/2017
Comments: The Work Plan for Additional Soil Vapor Monitoring, Proposed Building MPK 22 proposes additional soil vapor monitoring in the general area of the proposed MPK 22 building. The March 24, 2017 Work Plan has adequately addressed previous comments from the Department of Toxic Substances Control (DTSC). DTSC approves the Work Plan.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Soils Management Plan
Completed Date: 12/15/2016
Comments: The Soil Management Plan for Utility Line Installation MPK 21 22 23 describes soil management protocols for the utility installation planned for December 2016.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 11/09/2017
Comments: DTSC has reviewed the request for a variance to the MPK 21 SMP and approves the request.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 03/12/2018
Comments: Data Report Accepted

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Soils Management Plan
Completed Date: 01/30/2017
Comments: The Pile Type Variance Request proposes 8 augercast pressure-grouted

TE CONECTIVITY (Continued) **1000170323**

piles in locations where limited access precludes the previously approved augercast pressure grouted displacement piles. DTSC has reviewed the proposal and approves the variance.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Soils Management Plan
Completed Date: 12/06/2016
Comments: DTSC has reviewed and approved a variance for the pile type to be used for the Caltrans bridge in the MPK 21 Soil Management Plan Area.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 09/22/2017
Comments: Evaluation Completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 05/06/2020
Comments: SMP for sewer line implemented.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: RCRA Facility Assessment Report
Completed Date: 10/02/1989
Comments: RCRA Facility Assessment Completed, RFA report dated 9/1989, site formerly known as Raychem

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Interim Measures Questionnaire
Completed Date: 02/19/2001
Comments: Interim Measures Implementation and bldgs. P and Y Demolition Report Area 6 (Chem Plant)

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Interim Measures Questionnaire
Completed Date: 05/07/2003
Comments: Interim Removal Reports

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: Offsite Soil
Completed Document Type: Interim Measures Questionnaire
Completed Date: 04/26/2005
Comments: No further action on the

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Interim Measures Questionnaire
Completed Date: 04/11/1994
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

TE CONECTIVITY (Continued) **1000170323**

Completed Document Type: Remedy Selection and Statement of Basis
Completed Date: 11/30/2006
Comments: Final Notice of Remedy Selection cover letter to Tyco

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 06/25/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/11/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 04/27/2007
Comments: Provided county a summary of cleanup activities

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 02/07/2007
Comments: SCS Engineer annual LUC certification

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Land Use Restriction Monitoring Report
Completed Date: 02/12/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Order
Completed Date: 06/26/1996
Comments: Not reported

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Land Use Restriction - Amendment
Future Due Date: 2023
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Certification
Future Due Date: 2023
Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: Remedial Action Completion Report
Schedule Due Date: 05/31/2022
Schedule Revised Date: Not reported

HIST UST:
Name: RAYCHEM CORPORATION
Address: 300 CONSTITUTION DR

TE CONECTIVITY (Continued) **1000170323**

City,State,Zip:	MENLO PARK, CA 94025
File Number:	Not reported
URL:	Not reported
Region:	STATE
Facility ID:	00000014125
Facility Type:	Other
Other Type:	Not reported
Contact Name:	MARK GREEN
Telephone:	4153615519
Owner Name:	RAYCHEM CORPORATION
Owner Address:	300 CONSTITUTION DRIVE
Owner City,St,Zip:	MENLO PARK, CA 94025
Total Tanks:	0005
Tank Num:	001
Container Num:	5
Year Installed:	1968
Tank Capacity:	00000168
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Visual
Tank Num:	002
Container Num:	4
Year Installed:	1971
Tank Capacity:	00000200
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	16
Leak Detection:	None
Tank Num:	003
Container Num:	3
Year Installed:	1980
Tank Capacity:	00008000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	Not reported
Leak Detection:	None
Tank Num:	004
Container Num:	1
Year Installed:	1974
Tank Capacity:	00010429
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	005
Container Num:	2
Year Installed:	1974
Tank Capacity:	00010429
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported

TE CONECTIVITY (Continued) **1000170323**

Leak Detection: Stock Inventor

DEED:
Name: TYCO ELECTRONICS CORPORATION
Address: 300 CONSTITUTION DR
City,State,Zip: MENLO PARK, CA 940250000
Envirostor ID: 80001600
Area: PROJECT WIDE
Sub Area: Not reported
Site Type: CORRECTIVE ACTION
Status: CERTIFIED / OPERATION & MAINTENANCE
Agency: Not reported
Covenant Uploaded: Not reported
Deed Date(s): Not reported
File Name: Envirostor Land Use Restrictions

Name: TYCO ELECTRONICS CORPORATION
Address: 300 CONSTITUTION DR
City,State,Zip: MENLO PARK, CA 940250000
Envirostor ID: 80001600
Area: PROJECT WIDE
Sub Area: Not reported
Site Type: CORRECTIVE ACTION
Status: CERTIFIED / OPERATION & MAINTENANCE
Agency: Not reported
Covenant Uploaded: Not reported
Deed Date(s): Not reported
File Name: Envirostor Land Use Restrictions

CHMIRS:
Name: Not reported
Address: 300 CONSTITUTION DRIVE
City,State,Zip: MENLO PARK, CA
OES Incident Number: 10-0073
OES notification: 01/05/2010
OES Date: Not reported
OES Time: Not reported
Date Completed: Not reported
Property Use: Not reported
Agency Id Number: Not reported
Agency Incident Number: Not reported
Time Notified: Not reported
Time Completed: Not reported
Surrounding Area: Not reported
Estimated Temperature: Not reported
Property Management: Not reported
More Than Two Substances Involved?: Not reported
Resp Agncy Personel # Of Decontaminated: Not reported
Responding Agency Personel # Of Injuries: Not reported
Responding Agency Personel # Of Fatalities: Not reported
Others Number Of Decontaminated: Not reported
Others Number Of Injuries: Not reported
Others Number Of Fatalities: Not reported
Vehicle Make/year: Not reported
Vehicle License Number: Not reported
Vehicle State: Not reported

TE CONECTIVITY (Continued) **1000170323**

Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Industrial Plant
Cleanup By:	Reporting Party
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Gal(s)
Other:	Not reported
Date/Time:	1445
Year:	2010
Agency:	Tyco Electronics Corp
Incident Date:	12/21/2009
Admin Agency:	San Mateo County Environmental Health
Amount:	Not reported
Contained:	Yes
Site Type:	Not reported
E Date:	Not reported
Substance:	Diesel Fuel
Quantity Released:	40673
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	**Historical Spill***Per caller, a damaged saddle tank caused the release of fuel to an area adjacent to a storm drain. Clean-up was completed by the Fire Department.

2020 COR ACTION:

EPA ID:	CAD009125527
Region:	9
Action:	Remedy Construction

PADS:

Name:	TYCO ELECTRONICS
Address:	OFF-SITE STORMWATER SWALE AREA, RAI
Address 2:	Not reported

TE CONECTIVITY (Continued) **1000170323**

City,State,Zip:	MENLO PARK, CA 94025
EDR ID:	1000170323
EPAID:	CAD009125527
Region:	09
Generator:	Y
Storer:	N
Disposer:	N
Transporter:	N
Smelter:	N
Research Facility:	N
Mailing Address:	TYCO ELECTRONICS, 304 CONSTITUTION
Mailing Address 2:	Not reported
Mailing City:	MENLO PARK
Mailing State:	CA
Mailing Zip:	94025
Mailing Country:	US
Owner Name:	TYCO ELECTRONICS
Certification Date:	07/26/2000
Contact Name:	ROGER RILEY
Contact Title:	Not reported
Contact Telephone:	650-361-3210
Contact Text:	Not reported
Contact Email:	Not reported

FINDS:
Registry ID: 110055790390

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
STATE MASTER
Registry ID: 110070205541

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
AIR EMISSIONS CLASSIFICATION UNKNOWN
TSCA SUBMITTER
OSHA ESTABLISHMENT
HAZARDOUS WASTE BIENNIAL REPORTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000170323
Registry ID:	110000482399
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110000482399
Name:	TYCO ELECTRONICS CORPORATION
Address:	300 CONSTITUTION DRIVE
City,State,Zip:	MENLO PARK, CA 94025

Envid:	1000170323
Registry ID:	110070205541
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110070205541
Name:	TE CONECTIVITY
Address:	305 CONSTITUTION DR
City,State,Zip:	MENLO PARK, CA 94025

TE CONECTIVITY (Continued) **1000170323**

PFAS ECHO:

Name:	TE CONECTIVITY
Address:	Not reported
City,State,Zip:	MENLO PARK, CA
Latitude:	37.482081
Longitude:	-122.167603
Count:	1
County:	SAN MATEO COUNTY
Status:	Unknown
Region:	09
Industry:	Plastics and Resins
ECHO Facility Report:	https://echo.epa.gov/detailed-facility-report?fid=110070205541
Facility Percent Minority:	64.377
Facility Derived Tribes:	-
Facility Population:	4600.8
EPA Programs:	CAA
Federal Facility:	No
Federal Agency:	-
Facility FIPS Code:	06081
Facility Indian Country Flag:	N
Facility Collection Method:	-
Facility Derived HUC:	18050004
Facility Derived WBD:	180500040902
Facility Derived CD113:	14
Facility Derived CB2010:	060816117004009
Facility Major Flag:	-
Facility Active Flag:	Y
Facility Inspection Count:	2
Facility Date Last Inspection:	3/14/2019
Facility Days Last Inspection:	1,472
Facility Informal Count:	0
Facility Date Last Informal Action:	-
Facility Formal Action Count:	0
Facility Date Last Formal Action:	-
Facility Total Penalties:	0
Facility Penalty Count:	-
Facility Date Last Penalty:	-
Facility Last Penalty AMT:	-
Facility QTRS With NC:	0
Facility Programs With SNC:	0
Facility Compliance Status:	No Violation Identified
Facility SNC Flag:	N
AIR Flag:	Y
NPDES Flag:	N
SDWIS Flag:	N
RCRA Flag:	N
TRI Flag:	N
GHG Flag:	N
AIR IDS:	CABAA326121
CAA Permit Types:	-
CAA NAICS:	326121
CAA SICS:	-
NPDES IDS:	-
CWA Permit Types:	-
CWA NAICS:	-
CWA SICS:	-
RCRA IDS:	-

TE CONECTIVITY (Continued) **1000170323**

RCRA Permit Types:	-
RCRA NAICS:	-
SDWA IDS:	-
SDWA System Types:	-
SDWA Compliance Status:	-
SDWA SNC Flag:	N
TRI IDS:	-
TRI Releases Transfers:	-
TRI On Site Releases:	-
TRI Off Site Transfers:	-
TRI Reporter:	-
Facility IMP Water Flag:	-
EJSCREEN Flag US:	Y
EJSCREEN Report:	https://ejscreen.epa.gov/mapper/mobile/EJSCREEN_mobile.aspx?geometry=%7B%22x%22:-122.167603,%22y%22:37.482081,%22spatialReference%22:%7B%22wkid%22:4326%7D%7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1

EMI:

Name:	RAYCHEM CORPORATION
Address:	300 CONSTITUTION DRIVE
City,State,Zip:	MENLO PARK, CA 94025
Year:	1987
County Code:	41
Air Basin:	SF
Facility ID:	272
Air District Name:	BA
SIC Code:	3079
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	48
Reactive Organic Gases Tons/Yr:	36
Carbon Monoxide Emissions Tons/Yr:	1
NOX - Oxides of Nitrogen Tons/Yr:	5
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	27
Part. Matter 10 Micrometers and Smllr Tons/Yr:	24

Name:	RAYCHEM CORPORATION
Address:	300 CONSTITUTION DRIVE
City,State,Zip:	MENLO PARK, CA 94025
Year:	1990
County Code:	41
Air Basin:	SF
Facility ID:	272
Air District Name:	BA
SIC Code:	3089
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	98
Reactive Organic Gases Tons/Yr:	75
Carbon Monoxide Emissions Tons/Yr:	2
NOX - Oxides of Nitrogen Tons/Yr:	8
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	19

TE CONECTIVITY (Continued) **1000170323**

Part. Matter 10 Micrometers and Smllr Tons/Yr:17

Name:	RAYCHEM CORPORATION
Address:	300 CONSTITUTION DRIVE
City,State,Zip:	MENLO PARK, CA 94025
Year:	1995
County Code:	41
Air Basin:	SF
Facility ID:	272
Air District Name:	BA
SIC Code:	3089
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	55
Reactive Organic Gases Tons/Yr:	49
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	5
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	25
Part. Matter 10 Micrometers and Smllr Tons/Yr:	22

Name:	RAYCHEM CORPORATION
Address:	300 CONSTITUTION DRIVE
City,State,Zip:	MENLO PARK, CA 94025
Year:	1996
County Code:	41
Air Basin:	SF
Facility ID:	272
Air District Name:	BA
SIC Code:	3079
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	52
Reactive Organic Gases Tons/Yr:	45
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	7
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	20
Part. Matter 10 Micrometers and Smllr Tons/Yr:	18

Name:	RAYCHEM CORPORATION
Address:	300 CONSTITUTION DRIVE
City,State,Zip:	MENLO PARK, CA 94025
Year:	1997
County Code:	41
Air Basin:	SF
Facility ID:	272
Air District Name:	BA
SIC Code:	3089
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	35
Reactive Organic Gases Tons/Yr:	30
Carbon Monoxide Emissions Tons/Yr:	0

TE CONECTIVITY (Continued) **1000170323**

NOX - Oxides of Nitrogen Tons/Yr:	7
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	19
Part. Matter 10 Micrometers and Smllr Tons/Yr:	17

Name:	RAYCHEM CORPORATION
Address:	300 CONSTITUTION DRIVE
City,State,Zip:	MENLO PARK, CA 94025
Year:	1998
County Code:	41
Air Basin:	SF
Facility ID:	272
Air District Name:	BA
SIC Code:	3089
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	22
Reactive Organic Gases Tons/Yr:	16
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	4
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	9
Part. Matter 10 Micrometers and Smllr Tons/Yr:	8

Name:	RAYCHEM CORPORATION
Address:	300 CONSTITUTION DRIVE
City,State,Zip:	MENLO PARK, CA 94025
Year:	1999
County Code:	41
Air Basin:	SF
Facility ID:	272
Air District Name:	BA
SIC Code:	8731
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	9
Reactive Organic Gases Tons/Yr:	7
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	1
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	9
Part. Matter 10 Micrometers and Smllr Tons/Yr:	8

Name:	RAYCHEM CORPORATION
Address:	300 CONSTITUTION DRIVE
City,State,Zip:	MENLO PARK, CA 94025
Year:	2000
County Code:	41
Air Basin:	SF
Facility ID:	272
Air District Name:	BA
SIC Code:	8731
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported

TE CONECTIVITY (Continued) **1000170323**

Total Organic Hydrocarbon Gases Tons/Yr:	9
Reactive Organic Gases Tons/Yr:	7
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	1
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	9
Part. Matter 10 Micrometers and Smllr Tons/Yr:	8

HIST CORTESE:

edr_fname:	RAYCHEM CORPORATION
edr_fadd1:	300 CONSTITUTION
City,State,Zip:	MENLO PARK, CA 94025
Region:	CORTESE
Facility County Code:	41
Reg By:	CALSI
Reg Id:	41280137

NPDES:

Name:	TYCO ELECTRONICS CORP
Address:	300 CONSTITUTION DR
City,State,Zip:	MENLO PARK, CA 94025
Facility Status:	Terminated
NPDES Number:	CAS000001
Region:	2
Agency Number:	0
Regulatory Measure ID:	182954
Place ID:	Not reported
Order Number:	97-03-DWQ
WDID:	2 41I016702
Regulatory Measure Type:	Enrollee
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	08/07/2001
Termination Date Of Regulatory Measure:	12/13/2019
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	501 Oakside Avennue
Discharge Name:	Tyco Electronics Corp
Discharge City:	Redwood City
Discharge State:	California
Discharge Zip:	94063
Status:	Not reported
Status Date:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported

NPDES as of 03/2018:

NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	2
Regulatory Measure ID:	182954
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported

TE CONECTIVITY (Continued) **1000170323**

WDID:	2 41I016702
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	05/09/2008
Processed Date:	08/07/2001
Status:	Active
Status Date:	08/07/2001
Place Size:	46
Place Size Unit:	Acres
Contact:	Stephen Douglas
Contact Title:	Not reported
Contact Phone:	650-361-3022
Contact Phone Ext:	Not reported
Contact Email:	sdouglas@te.com
Operator Name:	Tyco Electronics Corp
Operator Address:	305 Constitution Dr
Operator City:	Menlo Park
Operator State:	California
Operator Zip:	94025
Operator Contact:	Stephen Douglas
Operator Contact Title:	Not reported
Operator Contact Phone:	650-361-3022
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	sdouglas@te.com
Operator Type:	Private Business
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	California
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	650-361-3022
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported

TE CONECTIVITY (Continued) **1000170323**

Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	N
Receiving Water Name:	San Francisco Bay
Certifier:	JAMES OTOOLE
Certifier Title:	SEGMENT PRESIDENT
Certification Date:	18-JUN-15
Primary Sic:	3089-Plastics Products, NEC
Secondary Sic:	3082-Unsupported Plastics Profile Shapes
Tertiary Sic:	2821-Plastics Material and Synthetic Resins, and Nonvulcanizable Elastomers
NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	2
Regulatory Measure ID:	182954
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	2 41I016702
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	08/07/2001
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Tyco Electronics Corp
Discharge Address:	305 Constitution Dr
Discharge City:	Menlo Park
Discharge State:	California
Discharge Zip:	94025
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported

TE CONECTIVITY (Continued) **1000170323**

Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

Name:	FACEBOOK MPK23
Address:	300 CONSTITUTION DRIVE
City,State,Zip:	SAN MATEO, CA 94025
Facility Status:	Not reported
NPDES Number:	Not reported
Region:	Not reported
Agency Number:	Not reported
Regulatory Measure ID:	Not reported
Place ID:	Not reported
Order Number:	Not reported
WDID:	2 41C373001
Regulatory Measure Type:	Construction
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	Not reported
Discharge Name:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Terminated
Status Date:	08/12/2016
Operator Name:	Hibiscus Properties

TE CONECTIVITY (Continued) **1000170323**

Operator Address:	1 Hacker Way
Operator City:	Menlo Park
Operator State:	California
Operator Zip:	94025

NPDES as of 03/2018:

NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	2
Regulatory Measure ID:	454848
Order Number:	Not reported
Regulatory Measure Type:	Construction
Place ID:	Not reported
WDID:	2 41C373001
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	08/09/2016
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	05/09/2015
Processed Date:	05/22/2015
Status:	Terminated
Status Date:	08/12/2016
Place Size:	7.71
Place Size Unit:	Acres
Contact:	Joe Francini
Contact Title:	Not reported
Contact Phone:	650-222-5991
Contact Phone Ext:	Not reported
Contact Email:	jfrancini@level10gc.com
Operator Name:	Hibiscus Properties
Operator Address:	1 Hacker Way
Operator City:	Menlo Park
Operator State:	California
Operator Zip:	94025
Operator Contact:	Juergen Decker
Operator Contact Title:	Not reported
Operator Contact Phone:	415-290-6255
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	juergen@fb.com
Operator Type:	Private Business
Developer:	Hibiscus Properties
Developer Address:	1 Hacker Way
Developer City:	Menlo Park
Developer State:	California
Developer Zip:	94025
Developer Contact:	Juergen Decker
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	N
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	N

TE CONECTIVITY (Continued) **1000170323**

Constype Below Ground Ind:	N
Constype Cable Line Ind:	N
Constype Comm Line Ind:	N
Constype Commertial Ind:	Y
Constype Electrical Line Ind:	N
Constype Gas Line Ind:	N
Constype Industrial Ind:	N
Constype Other Description:	Not reported
Constype Other Ind:	N
Constype Recons Ind:	N
Constype Residential Ind:	N
Constype Transport Ind:	N
Constype Utility Description:	Not reported
Constype Utility Ind:	N
Constype Water Sewer Ind:	N
Dir Discharge Uswater Ind:	N
Receiving Water Name:	San Francisco Bay
Certifier:	Juergen Decker
Certifier Title:	Project Manager
Certification Date:	09-MAY-15
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	CAS000002
Status:	Terminated
Agency Number:	0
Region:	2
Regulatory Measure ID:	454848
Order Number:	2009-0009-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	2 41C373001
Program Type:	Construction
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	05/22/2015
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	08/09/2016
Discharge Name:	Hibiscus Properties
Discharge Address:	1 Hacker Way
Discharge City:	Menlo Park
Discharge State:	California
Discharge Zip:	94025
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported

TE CONECTIVITY (Continued) **1000170323**

Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

Name:	TYCO ELECTRONICS CORP
Address:	300 CONSTITUTION DR
City,State,Zip:	MENLO PARK, CA 94025
Facility Status:	Not reported
NPDES Number:	Not reported
Region:	Not reported
Agency Number:	Not reported
Regulatory Measure ID:	Not reported
Place ID:	Not reported
Order Number:	Not reported
WDID:	2 41I016702
Regulatory Measure Type:	Industrial
Program Type:	Not reported

TE CONECTIVITY (Continued) **1000170323**

Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	Not reported
Discharge Name:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Terminated
Status Date:	12/13/2019
Operator Name:	Tyco Electronics Corp
Operator Address:	501 Oakside Avennue
Operator City:	Redwood City
Operator State:	California
Operator Zip:	94063

NPDES as of 03/2018:

NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	2
Regulatory Measure ID:	182954
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	2 41I016702
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	05/09/2008
Processed Date:	08/07/2001
Status:	Active
Status Date:	08/07/2001
Place Size:	46
Place Size Unit:	Acres
Contact:	Stephen Douglas
Contact Title:	Not reported
Contact Phone:	650-361-3022
Contact Phone Ext:	Not reported
Contact Email:	sdouglas@te.com
Operator Name:	Tyco Electronics Corp
Operator Address:	305 Constitution Dr
Operator City:	Menlo Park
Operator State:	California
Operator Zip:	94025
Operator Contact:	Stephen Douglas
Operator Contact Title:	Not reported
Operator Contact Phone:	650-361-3022
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	sdouglas@te.com

TE CONECTIVITY (Continued) **1000170323**

Operator Type:	Private Business
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	California
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	650-361-3022
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	N
Receiving Water Name:	San Francisco Bay
Certifier:	JAMES OTOOLE
Certifier Title:	SEGMENT PRESIDENT
Certification Date:	18-JUN-15
Primary Sic:	3089-Plastics Products, NEC
Secondary Sic:	3082-Unsupported Plastics Profile Shapes
Tertiary Sic:	2821-Plastics Material and Synthetic Resins, and Nonvulcanizable Elastomers
NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	2
Regulatory Measure ID:	182954
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	2 41I016702
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	08/07/2001
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Tyco Electronics Corp
Discharge Address:	305 Constitution Dr
Discharge City:	Menlo Park
Discharge State:	California
Discharge Zip:	94025
Received Date:	Not reported

TE CONECTIVITY (Continued) **1000170323**

Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

TE CONECTIVITY (Continued) **1000170323**

WDS:

Name:	TYCO ELECTRONICS CORP
Address:	300 Constitution Dr
City:	MENLO PARK
Facility ID:	San Francisco Bay 41I016702
Facility Type:	Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.
Facility Status:	Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number:	CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion:	2
Facility Telephone:	6503613022
Facility Contact:	ADAIR ROBIN
Agency Name:	TYCO ELECTRONICS CORP
Agency Address:	304 Constitution Dr
Agency City,St,Zip:	Menlo Park 940251111
Agency Contact:	ADAIR ROBIN
Agency Telephone:	6503613022
Agency Type:	Private
SIC Code:	0
SIC Code 2:	Not reported
Primary Waste Type:	Not reported
Primary Waste:	Not reported
Waste Type2:	Not reported
Waste2:	Not reported
Primary Waste Type:	Not reported
Secondary Waste:	Not reported
Secondary Waste Type:	Not reported
Design Flow:	0
Baseline Flow:	0
Reclamation:	Not reported
POTW:	Not reported
Treat To Water:	Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
Complexity:	Category C - Facilities having no waste treatment systems, such as cooling water dischargers or thosewho must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

CIWQS:

Name:	TYCO ELECTRONICS CORP
Address:	300 CONSTITUTION DR
City,State,Zip:	MENLO PARK, CA 94025
Agency:	Tyco Electronics Corp
Agency Address:	501 Oakside Avennue, Redwood City, CA 94063

TE CONECTIVITY (Continued) **1000170323**

Place/Project Type:	Industrial - Plastics Products, NEC
SIC/NAICS:	3089(+)
Region:	2
Program:	INDSTW
Regulatory Measure Status:	Terminated
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	2 41I016702
NPDES Number:	CAS000001
Adoption Date:	Not reported
Effective Date:	08/07/2001
Termination Date:	12/13/2019
Expiration/Review Date:	Not reported
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	37.48206
Longitude:	-122.16756

Name:	FACEBOOK MPK23
Address:	300 CONSTITUTION DRIVE
City,State,Zip:	SAN MATEO, CA 94025
Agency:	Hibiscus Properties
Agency Address:	1 Hacker Way, Menlo Park, CA 94025
Place/Project Type:	Construction - Commercial
SIC/NAICS:	Not reported
Region:	2
Program:	CONSTW
Regulatory Measure Status:	Terminated
Regulatory Measure Type:	Storm water construction
Order Number:	2009-0009-DWQ
WDID:	2 41C373001
NPDES Number:	CAS000002
Adoption Date:	Not reported
Effective Date:	05/22/2015
Termination Date:	08/09/2016
Expiration/Review Date:	Not reported
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	37.48051
Longitude:	-122.1669

CERS:

Name:	TYCO ELECTRONICS COR
Address:	300 CONSTITUTION DR
City,State,Zip:	MENLO PARK, CA 940250000
Site ID:	610590
CERS ID:	80001600
CERS Description:	Corrective Action

TE CONECTIVITY (Continued) **1000170323**

Affiliation:
Affiliation Type Desc: Lead Project Manager
Entity Name: Robert Boggs
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Supervisor
Entity Name: Kimberly Walsh
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Name: TE CONNECTIVITY
Address: 300 CONSTITUTION DR
City,State,Zip: MENLO PARK, CA 940250000
Site ID: 610432
CERS ID: CAD009125527
CERS Description: Hazardous Waste

Affiliation:
Affiliation Type Desc: Facility Owner
Entity Name: TE CONNECTIVITY LTD
Entity Title: Not reported
Affiliation Address: 1050 WESTLAKES DRIVE
Affiliation City: BERWYN
Affiliation State: PA
Affiliation Country: Not reported
Affiliation Zip: 193120000
Affiliation Phone: 6108939800,

Affiliation Type Desc: Facility Contact
Entity Name: STEPHEN DOUGLAS/EHS MGR
Entity Title: Not reported
Affiliation Address: 501 OAKSIDE AVE.
Affiliation City: REDWOOD CITY
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94063
Affiliation Phone: 6503612287,

Name: RAYCHEM CORPORATION
Address: 300 CONSTITUTION DR
City,State,Zip: MENLO PARK, CA
Site ID: 163982
CERS ID: 94025RYCHM300CO
CERS Description: Toxic Release Inventory

TE CONECTIVITY (Continued) **1000170323**

Affiliation:
- Affiliation Type Desc: Company Official
- Entity Name: Bo Yu
- Entity Title: plant manager
- Affiliation Address: 6900 PASEO PADRE PKWY
- Affiliation City: FREMONT
- Affiliation State: CA
- Affiliation Country: Not reported
- Affiliation Zip: 94025
- Affiliation Phone: ,

- Affiliation Type Desc: Parent Company
- Entity Name: TE Connectivity Corp
- Entity Title: Not reported
- Affiliation Address: 6900 PASEO PADRE PKWY
- Affiliation City: FREMONT
- Affiliation State: CA
- Affiliation Country: Not reported
- Affiliation Zip: 94025
- Affiliation Phone: ,

- Affiliation Type Desc: Public Contact
- Entity Name: Stephen Douglas
- Entity Title: Not reported
- Affiliation Address: 6900 PASEO PADRE PKWY
- Affiliation City: FREMONT
- Affiliation State: CA
- Affiliation Country: Not reported
- Affiliation Zip: 94025
- Affiliation Phone: 6503613022,

- Affiliation Type Desc: Technical Contact
- Entity Name: Stephen Douglas
- Entity Title: Not reported
- Affiliation Address: 6900 PASEO PADRE PKWY
- Affiliation City: FREMONT
- Affiliation State: CA
- Affiliation Country: Not reported
- Affiliation Zip: 94025
- Affiliation Phone: 6503613022,

- Name: RAYCHEM CORPORATION
- Address: 300 CONSTITUTION DR
- City,State,Zip: MENLO PARK, CA
- Site ID: 163982
- CERS ID: SLT2O099105
- CERS Description: Cleanup Program Site

Affiliation:
- Affiliation Type Desc: Company Official
- Entity Name: Bo Yu
- Entity Title: plant manager
- Affiliation Address: 6900 PASEO PADRE PKWY
- Affiliation City: FREMONT
- Affiliation State: CA
- Affiliation Country: Not reported

TE CONECTIVITY (Continued) **1000170323**

Affiliation Zip: 94025
Affiliation Phone: ,

Affiliation Type Desc: Parent Company
Entity Name: TE Connectivity Corp
Entity Title: Not reported
Affiliation Address: 6900 PASEO PADRE PKWY
Affiliation City: FREMONT
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94025
Affiliation Phone: ,

Affiliation Type Desc: Public Contact
Entity Name: Stephen Douglas
Entity Title: Not reported
Affiliation Address: 6900 PASEO PADRE PKWY
Affiliation City: FREMONT
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94025
Affiliation Phone: 6503613022,

Affiliation Type Desc: Technical Contact
Entity Name: Stephen Douglas
Entity Title: Not reported
Affiliation Address: 6900 PASEO PADRE PKWY
Affiliation City: FREMONT
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94025
Affiliation Phone: 6503613022,

L41 **FACEBOOK MPK 23** **CPS-SLIC** **1007291453**
NE **300 CONSTITUTION** **San Mateo Co. BI** **N/A**
1/4-1/2 **MENLO PARK, CA 94025**
0.458 mi.
2420 ft. **Site 2 of 3 in cluster L**

Relative:
Lower

Actual:
6 ft.

SLIC REG 2:
Region: 2
Facility ID: SLT2O099105
Facility Status: Leak being confirmed
Date Closed: Not reported
Local Case #: Not reported
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Confirmed: Not reported
Date Prelim Site Assmnt Workplan Submitted: Not reported
Date Preliminary Site Assessment Began: Not reported
Date Pollution Characterization Began: Not reported
Date Remediation Plan Submitted: Not reported
Date Remedial Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

FACEBOOK MPK 23 (Continued) **1007291453**

San Mateo Co. BI:

Name:	FACEBOOK MPK 23
Address:	300 CONSTITUTION
City,State,Zip:	MENLO PARK, CA 94025
Region:	SAN MATEO
Facility ID:	FA0059862
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0082273
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER

Name:	FACEBOOK MPK 23
Address:	300 CONSTITUTION
City,State,Zip:	MENLO PARK, CA 94025
Region:	SAN MATEO
Facility ID:	FA0059862
Prog Element Code:	STORES MV FUELS OR WASTE ONLY
Record Id:	PR0082272
Description:	STORES MV FUELS OR WASTE ONLY
Facility Status:	Active, billable
Program Category:	BUSINESS PLAN PROGRAM

L42 **TE CONNECTIVITY** **HIST UST** **S106838049**
NE **300 CONSTITUTION DR** **DEED** **N/A**
1/4-1/2 **MENLO PARK, CA 94025** **EMI**
0.458 mi. **HWP**
2420 ft. **Site 3 of 3 in cluster L** **CERS**

Relative: **Lower**

Actual: **6 ft.**

HIST UST:

Name:	RAYCHEM CORPORATION
Address:	300 CONSTITUTION DRIVE
City,State,Zip:	MENLO PARK, CA 94025
File Number:	0002c1ba
URL:	https://documents.geotracker.waterboards.ca.gov/ustpdfs/pdf/0002c1ba.pdf
Region:	Not reported
Facility ID:	Not reported
Facility Type:	Not reported
Other Type:	Not reported
Contact Name:	Not reported
Telephone:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Total Tanks:	Not reported

Tank Num:	Not reported
Container Num:	Not reported
Year Installed:	Not reported
Tank Capacity:	Not reported
Tank Used for:	Not reported
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Not reported

TE CONNECTIVITY (Continued) **S106838049**

Click here for Geo Tracker PDF:

DEED:

Name:	TYCO ELECTRONICS CORPORATION
Address:	300 CONSTITUTION DRIVE
City,State,Zip:	MENLO PARK, CA 94025
Envirostor ID:	Not reported
Area:	Not reported
Sub Area:	Not reported
Site Type:	Land Use Restrictions
Status:	Not reported
Agency:	Not reported
Covenant Uploaded:	Not reported
Deed Date(s):	Not reported
File Name:	HWMP Restrictions

Name:	TE CONNECTIVITY
Address:	300 CONSTITUTION DR
City,State,Zip:	MENLO PARK, CA 940250000
Envirostor ID:	CAD009125527
Area:	Not reported
Sub Area:	Not reported
Site Type:	UNDERGOING CLOSURE
Status:	UNDERGOING CLOSURE
Agency:	Not reported
Covenant Uploaded:	Not reported
Deed Date(s):	Not reported
File Name:	Envirostor Land Use Restrictions

EMI:

Name:	RAYCHEM CORPORATION
Address:	300 B CONSTITUTION DR
City,State,Zip:	MENLO PARK, CA 94025
Year:	1987
County Code:	41
Air Basin:	SF
Facility ID:	656
Air District Name:	BA
SIC Code:	2821
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

HWP:

EPA ID:	CAD009125527
Name:	TE CONNECTIVITY
Address:	300 CONSTITUTION DR
Cleanup Status:	UNDERGOING CLOSURE
Latitude:	37.48056

TE CONNECTIVITY (Continued) **S106838049**

Longitude:	-122.1669
Facility Type:	Historical - Non-Operating
Facility Size:	Not reported
Supervisor:	Not reported
Site Code:	200207, 520017
Senate District:	13
Assembly District:	24
Public Information Officer:	Not reported
Commercial Offsite Facility Types:	Not reported
Quarterly Update:	Tyco, previously known as Raychem is an electronic manufacturer. Raychem had a hazardous waste facility permit and closed its hazardous waste management units. DTSC has been overseeing corrective action at Tyco under a corrective action consent agreement. The main contaminant is PCBs. Soil removal was completed to industrial levels. LUC has been entered into and filed with County. Tyco is currently conducting long term grounwater monitoring.
Project Manager Lead:	Not reported
Project Manager:	Not reported
Permit Type:	RCRA
Permit Effective Date:	Not reported
Permit Expiration Date:	Not reported
Calenviroscreen Score:	46-50%
Total Planned Hours:	Not reported
Total Planned Amount:	Not reported
Total Actual Hours:	Not reported

Activities:

EPA ID:	CAD009125527
Facility Type:	Historical - Non-Operating
Facility Name:	TE CONNECTIVITY
Project Manager:	Not reported
Project Manager Lead:	Not reported
Supervisor:	Not reported
Facility Status:	UNDERGOING CLOSURE
Activity Type:	New Operating Permit
Permit Being Renewed:	Not reported
Permit Being Modified:	Not reported
Final Date:	1983-07-20 00:00:00
Type:	RCRA
Title Description:	New operating permit - CONTAIN 1 AND TANKSTR1
Due Date:	Not reported
Comments:	Not reported
Unit Names:	CONTAIN1, TANKSTR1
Event Description:	New Operating Permit - APPLICATION PART B RECEIVED
Actual Date:	11/10/1981

EPA ID:	CAD009125527
Facility Type:	Historical - Non-Operating
Facility Name:	TE CONNECTIVITY
Project Manager:	Not reported
Project Manager Lead:	Not reported
Supervisor:	Not reported
Facility Status:	UNDERGOING CLOSURE
Activity Type:	New Operating Permit
Permit Being Renewed:	Not reported
Permit Being Modified:	Not reported
Final Date:	1983-07-20 00:00:00
Type:	RCRA

TE CONNECTIVITY (Continued) **S106838049**

Title Description:	Imported 12/2011:PERMIT1
Due Date:	Not reported
Comments:	Not reported
Unit Names:	CONTAIN1, TANKSTR1
Event Description:	New Operating Permit - PUBLIC COMMENT (BEGIN)
Actual Date:	04/08/1983
EPA ID:	CAD009125527
Facility Type:	Historical - Non-Operating
Facility Name:	TE CONNECTIVITY
Project Manager:	Not reported
Project Manager Lead:	Not reported
Supervisor:	Not reported
Facility Status:	UNDERGOING CLOSURE
Activity Type:	New Operating Permit
Permit Being Renewed:	Not reported
Permit Being Modified:	Not reported
Final Date:	1983-07-20 00:00:00
Type:	RCRA
Title Description:	New operating permit - CONTAIN 1 AND TANKSTR1
Due Date:	Not reported
Comments:	Not reported
Unit Names:	CONTAIN1, TANKSTR1
Event Description:	New Operating Permit - FINAL PERMIT
Actual Date:	07/20/1983
EPA ID:	CAD009125527
Facility Type:	Historical - Non-Operating
Facility Name:	TE CONNECTIVITY
Project Manager:	Not reported
Project Manager Lead:	Not reported
Supervisor:	Not reported
Facility Status:	UNDERGOING CLOSURE
Activity Type:	New Operating Permit
Permit Being Renewed:	Not reported
Permit Being Modified:	Not reported
Final Date:	1983-07-20 00:00:00
Type:	RCRA
Title Description:	Imported 12/2011:PERMIT1
Due Date:	Not reported
Comments:	Not reported
Unit Names:	CONTAIN1, TANKSTR1
Event Description:	New Operating Permit - TECHNICAL COMPLETE LETTER
Actual Date:	05/05/1983
EPA ID:	CAD009125527
Facility Type:	Historical - Non-Operating
Facility Name:	TE CONNECTIVITY
Project Manager:	Not reported
Project Manager Lead:	Not reported
Supervisor:	Not reported
Facility Status:	UNDERGOING CLOSURE
Activity Type:	New Operating Permit
Permit Being Renewed:	Not reported
Permit Being Modified:	Not reported
Final Date:	1983-07-20 00:00:00
Type:	RCRA

TE CONNECTIVITY (Continued) **S106838049**

Title Description: New operating permit - CONTAIN 1 AND TANKSTR1
Due Date: Not reported
Comments: Not reported
Unit Names: CONTAIN1, TANKSTR1
Event Description: New Operating Permit - PUBLIC COMMENT (BEGIN)
Actual Date: 04/08/1983

EPA ID: CAD009125527
Facility Type: Historical - Non-Operating
Facility Name: TE CONNECTIVITY
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Status: UNDERGOING CLOSURE
Activity Type: New Operating Permit
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 1983-07-20 00:00:00
Type: RCRA
Title Description: Imported 12/2011:PERMIT1
Due Date: Not reported
Comments: INTENDS/CLOSED ALL WASTE HANDLING FACILITY, INTENDS/CLOSED ALL WASTE HANDLING FACILITY, Approved Request
Unit Names: CONTAIN1, TANKSTR1
Event Description: New Operating Permit - FINAL PERMIT (EXPIRES)
Actual Date: 07/20/1988

EPA ID: CAD009125527
Facility Type: Historical - Non-Operating
Facility Name: TE CONNECTIVITY
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Status: UNDERGOING CLOSURE
Activity Type: New Operating Permit
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 1983-07-20 00:00:00
Type: RCRA
Title Description: New operating permit - CONTAIN 1 AND TANKSTR1
Due Date: Not reported
Comments: Not reported
Unit Names: CONTAIN1, TANKSTR1
Event Description: New Operating Permit - TECHNICAL COMPLETE LETTER
Actual Date: 05/05/1983

EPA ID: CAD009125527
Facility Type: Historical - Non-Operating
Facility Name: TE CONNECTIVITY
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Status: UNDERGOING CLOSURE
Activity Type: New Operating Permit
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 1983-07-20 00:00:00

TE CONNECTIVITY (Continued) **S106838049**

Type:	RCRA
Title Description:	Imported 12/2011:PERMIT1
Due Date:	Not reported
Comments:	INTENDS/CLOSED ALL WASTE HANDLING FACILITY, INTENDS/CLOSED ALL WASTE HANDLING FACILITY, Approved Request
Unit Names:	CONTAIN1, TANKSTR1
Event Description:	New Operating Permit - FINAL PERMIT
Actual Date:	07/20/1983
EPA ID:	CAD009125527
Facility Type:	Historical - Non-Operating
Facility Name:	TE CONNECTIVITY
Project Manager:	Not reported
Project Manager Lead:	Not reported
Supervisor:	Not reported
Facility Status:	UNDERGOING CLOSURE
Activity Type:	New Operating Permit
Permit Being Renewed:	Not reported
Permit Being Modified:	Not reported
Final Date:	1983-07-20 00:00:00
Type:	RCRA
Title Description:	New operating permit - CONTAIN 1 AND TANKSTR1
Due Date:	Not reported
Comments:	Not reported
Unit Names:	CONTAIN1, TANKSTR1
Event Description:	New Operating Permit - FINAL PERMIT (EXPIRES)
Actual Date:	07/20/1988
EPA ID:	CAD009125527
Facility Type:	Historical - Non-Operating
Facility Name:	TE CONNECTIVITY
Project Manager:	Not reported
Project Manager Lead:	Not reported
Supervisor:	Not reported
Facility Status:	UNDERGOING CLOSURE
Activity Type:	New Operating Permit
Permit Being Renewed:	Not reported
Permit Being Modified:	Not reported
Final Date:	1983-07-20 00:00:00
Type:	RCRA
Title Description:	Imported 12/2011:PERMIT1
Due Date:	Not reported
Comments:	Not reported
Unit Names:	CONTAIN1, TANKSTR1
Event Description:	New Operating Permit - PERMIT TERMINATED - TERMINATION RECEIVED
Actual Date:	12/15/1989
EPA ID:	CAD009125527
Facility Type:	Historical - Non-Operating
Facility Name:	TE CONNECTIVITY
Project Manager:	Not reported
Project Manager Lead:	Not reported
Supervisor:	Not reported
Facility Status:	UNDERGOING CLOSURE
Activity Type:	New Operating Permit
Permit Being Renewed:	Not reported
Permit Being Modified:	Not reported

TE CONNECTIVITY (Continued) **S106838049**

Final Date: 1983-07-20 00:00:00
Type: RCRA
Title Description: New operating permit - CONTAIN 1 AND TANKSTR1
Due Date: Not reported
Comments: Not reported
Unit Names: CONTAIN1, TANKSTR1
Event Description: New Operating Permit - DRAFT PERMIT
Actual Date: 04/08/1983

EPA ID: CAD009125527
Facility Type: Historical - Non-Operating
Facility Name: TE CONNECTIVITY
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Status: UNDERGOING CLOSURE
Activity Type: New Operating Permit
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 1983-07-20 00:00:00
Type: RCRA
Title Description: New operating permit - CONTAIN 1 AND TANKSTR1
Due Date: Not reported
Comments: Not reported
Unit Names: CONTAIN1, TANKSTR1
Event Description: New Operating Permit - FINAL PERMIT (EFFECTIVE)
Actual Date: 07/20/1983

EPA ID: CAD009125527
Facility Type: Historical - Non-Operating
Facility Name: TE CONNECTIVITY
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Status: UNDERGOING CLOSURE
Activity Type: New Operating Permit
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 1983-07-20 00:00:00
Type: RCRA
Title Description: New operating permit - CONTAIN 1 AND TANKSTR1
Due Date: Not reported
Comments: Not reported
Unit Names: CONTAIN1, TANKSTR1
Event Description: New Operating Permit - INITIAL ADMINISTRATIVE REVIEW COMPLETED
Actual Date: 12/10/1981

EPA ID: CAD009125527
Facility Type: Historical - Non-Operating
Facility Name: TE CONNECTIVITY
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Status: UNDERGOING CLOSURE
Activity Type: New Operating Permit
Permit Being Renewed: Not reported
Permit Being Modified: Not reported

TE CONNECTIVITY (Continued) **S106838049**

Final Date:	1983-07-20 00:00:00
Type:	RCRA
Title Description:	Imported 12/2011:PERMIT1
Due Date:	Not reported
Comments:	Not reported
Unit Names:	CONTAIN1, TANKSTR1
Event Description:	New Operating Permit - APPLICATION PART B RECEIVED
Actual Date:	11/10/1981
EPA ID:	CAD009125527
Facility Type:	Historical - Non-Operating
Facility Name:	TE CONNECTIVITY
Project Manager:	Not reported
Project Manager Lead:	Not reported
Supervisor:	Not reported
Facility Status:	UNDERGOING CLOSURE
Activity Type:	New Operating Permit
Permit Being Renewed:	Not reported
Permit Being Modified:	Not reported
Final Date:	1983-07-20 00:00:00
Type:	RCRA
Title Description:	Imported 12/2011:PERMIT1
Due Date:	Not reported
Comments:	Not reported
Unit Names:	CONTAIN1, TANKSTR1
Event Description:	New Operating Permit - APPLICATION PART A RECEIVED
Actual Date:	11/18/1980
EPA ID:	CAD009125527
Facility Type:	Historical - Non-Operating
Facility Name:	TE CONNECTIVITY
Project Manager:	Not reported
Project Manager Lead:	Not reported
Supervisor:	Not reported
Facility Status:	UNDERGOING CLOSURE
Activity Type:	New Operating Permit
Permit Being Renewed:	Not reported
Permit Being Modified:	Not reported
Final Date:	1983-07-20 00:00:00
Type:	RCRA
Title Description:	Imported 12/2011:PERMIT1
Due Date:	Not reported
Comments:	Not reported
Unit Names:	CONTAIN1, TANKSTR1
Event Description:	New Operating Permit - PERMIT TERMINATED - TERMINATION APPROVED
Actual Date:	03/20/1990
EPA ID:	CAD009125527
Facility Type:	Historical - Non-Operating
Facility Name:	TE CONNECTIVITY
Project Manager:	Not reported
Project Manager Lead:	Not reported
Supervisor:	Not reported
Facility Status:	UNDERGOING CLOSURE
Activity Type:	New Operating Permit
Permit Being Renewed:	Not reported
Permit Being Modified:	Not reported

TE CONNECTIVITY (Continued) **S106838049**

Final Date:	1983-07-20 00:00:00
Type:	RCRA
Title Description:	Imported 12/2011:PERMIT1
Due Date:	Not reported
Comments:	INTENDS/CLOSED ALL WASTE HANDLING FACILITY, INTENDS/CLOSED ALL WASTE HANDLING FACILITY, Approved Request
Unit Names:	CONTAIN1, TANKSTR1
Event Description:	New Operating Permit - FINAL PERMIT (EFFECTIVE)
Actual Date:	07/20/1983
EPA ID:	CAD009125527
Facility Type:	Historical - Non-Operating
Facility Name:	TE CONNECTIVITY
Project Manager:	Not reported
Project Manager Lead:	Not reported
Supervisor:	Not reported
Facility Status:	UNDERGOING CLOSURE
Activity Type:	New Operating Permit
Permit Being Renewed:	Not reported
Permit Being Modified:	Not reported
Final Date:	1983-07-20 00:00:00
Type:	RCRA
Title Description:	New operating permit - CONTAIN 1 AND TANKSTR1
Due Date:	Not reported
Comments:	Not reported
Unit Names:	CONTAIN1, TANKSTR1
Event Description:	New Operating Permit - CALL-IN LETTER ISSUED
Actual Date:	09/23/1980
EPA ID:	CAD009125527
Facility Type:	Historical - Non-Operating
Facility Name:	TE CONNECTIVITY
Project Manager:	Not reported
Project Manager Lead:	Not reported
Supervisor:	Not reported
Facility Status:	UNDERGOING CLOSURE
Activity Type:	New Operating Permit
Permit Being Renewed:	Not reported
Permit Being Modified:	Not reported
Final Date:	1983-07-20 00:00:00
Type:	RCRA
Title Description:	Imported 12/2011:PERMIT1
Due Date:	Not reported
Comments:	Not reported
Unit Names:	CONTAIN1, TANKSTR1
Event Description:	New Operating Permit - CALL-IN LETTER ISSUED
Actual Date:	09/23/1980
EPA ID:	CAD009125527
Facility Type:	Historical - Non-Operating
Facility Name:	TE CONNECTIVITY
Project Manager:	Not reported
Project Manager Lead:	Not reported
Supervisor:	Not reported
Facility Status:	UNDERGOING CLOSURE
Activity Type:	New Variance
Permit Being Renewed:	Not reported

TE CONNECTIVITY (Continued) **S106838049**

Permit Being Modified: Not reported
Final Date: 1989-05-15 00:00:00
Type: VAR
Title Description: Permit Variance
Due Date: Not reported
Comments: Not reported
Unit Names: TANKSTR1
Event Description: New Variance - FINAL VARIANCE
Actual Date: 05/15/1989

Closure:
EPA ID: CAD009125527
Facility Type: Historical - Non-Operating
Facility Name: TE CONNECTIVITY
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Size: Not reported
Facility Status: UNDERGOING CLOSURE
Activity Type: Referred for closure to other agency
Final Date: Not reported
Type: Not reported
Title Description: REFERRED TO CORRECTIVE ACTION
Due Date: Not reported
Comments: Not reported
Unit Names: CONTAIN1, TANKSTR1
Event Description: Referred for closure to other agency - REFERRED FOR CLOSURE TO OTHER AGENCY
Actual Date: 03/21/1990

EPA ID: CAD009125527
Facility Type: Historical - Non-Operating
Facility Name: TE CONNECTIVITY
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Size: Not reported
Facility Status: UNDERGOING CLOSURE
Activity Type: Closure Final
Final Date: Not reported
Type: RCRA
Title Description: Closure 1 - multi units
Due Date: Not reported
Comments: Not reported
Unit Names: CONTAIN1, TANKSTR1
Event Description: Closure Final - ISSUE CLOSURE VERIFICATION
Actual Date: 09/06/2007

EPA ID: CAD009125527
Facility Type: Historical - Non-Operating
Facility Name: TE CONNECTIVITY
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Size: Not reported
Facility Status: UNDERGOING CLOSURE
Activity Type: Closure Final

TE CONNECTIVITY (Continued) **S106838049**

Final Date: Not reported
Type: RCRA
Title Description: Closure 1 - multi units
Due Date: Not reported
Comments: Not reported
Unit Names: CONTAIN1, TANKSTR1
Event Description: Closure Final - CLOSURE PLAN RECEIVED
Actual Date: 12/15/1989

EPA ID: CAD009125527
Facility Type: Historical - Non-Operating
Facility Name: TE CONNECTIVITY
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Size: Not reported
Facility Status: UNDERGOING CLOSURE
Activity Type: Closure Final
Final Date: Not reported
Type: RCRA
Title Description: Closure 1 - multi units
Due Date: Not reported
Comments: The closure was under a corrective action consent agreement.
Unit Names: CONTAIN1, TANKSTR1
Event Description: Closure Final - CLOSURE PLAN APPROVED
Actual Date: 03/20/1990

EPA ID: CAD009125527
Facility Type: Historical - Non-Operating
Facility Name: TE CONNECTIVITY
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Size: Not reported
Facility Status: UNDERGOING CLOSURE
Activity Type: Referred for closure to other agency
Final Date: Not reported
Type: RCRA
Title Description: REFERRED TO CORRECTIVE ACTION
Due Date: Not reported
Comments: Not reported
Unit Names: CONTAIN1, TANKSTR1
Event Description: Referred for closure to other agency - REFERRED FOR CLOSURE TO OTHER AGENCY
Actual Date: 06/27/2022

Maint:
EPA ID: CAD009125527
Facility Type: Historical - Non-Operating
Facility Name: TE CONNECTIVITY
Title: LUC for the Tyoc Electronics Corp. facility dated 1/19/2007.
Document Type: Deed Restriction / LUC Issued
Receive Date: 01/19/2007
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Status: UNDERGOING CLOSURE

TE CONNECTIVITY (Continued) **S106838049**

Due Date: Not reported

Alias:
EPA ID: CAD009125527
Facility Type: Historical - Non-Operating
Facility Name: TE CONNECTIVITY
Facility Status: UNDERGOING CLOSURE
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Alias Type: FRS
Alias: 110000482399

EPA ID: CAD009125527
Facility Type: Historical - Non-Operating
Facility Name: TE CONNECTIVITY
Facility Status: UNDERGOING CLOSURE
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Alias Type: Project Code (Site Code)
Alias: 200207

EPA ID: CAD009125527
Facility Type: Historical - Non-Operating
Facility Name: TE CONNECTIVITY
Facility Status: UNDERGOING CLOSURE
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Alias Type: Envirostor ID Number
Alias: 41280137

EPA ID: CAD009125527
Facility Type: Historical - Non-Operating
Facility Name: TE CONNECTIVITY
Facility Status: UNDERGOING CLOSURE
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Alias Type: Project Code (Site Code)
Alias: 520017

EPA ID: CAD009125527
Facility Type: Historical - Non-Operating
Facility Name: TE CONNECTIVITY
Facility Status: UNDERGOING CLOSURE
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Alias Type: Alternate Name
Alias: RAYCHEM CORPORATION

CERS:
Name: TYCO ELECTRONICS CORPORATION

TE CONNECTIVITY (Continued) **S106838049**

Address: 300 CONSTITUTION DRIVE
City,State,Zip: MENLO PARK, CA 94025-1140
Site ID: 497848
CERS ID: 110000482399
CERS Description: US EPA Air Emission Inventory System (EIS)

Affiliation:
Affiliation Type Desc: Environmental Contact
Entity Name: Bo Yu
Entity Title: plant manager
Affiliation Address: 304 CONSTITUTION DR
Affiliation City: MENLOPARK
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Environmental Contact
Entity Name: Robin Adair
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Environmental Contact
Entity Name: STEPHEN A DOUGLAS
Entity Title: EHS MGR
Affiliation Address: 304 CONSTITUTION DR
Affiliation City: MENLOPARK
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Public Contact
Entity Name: Stephen Douglas
Entity Title: Not reported
Affiliation Address: 304 CONSTITUTION DR
Affiliation City: MENLOPARK
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Regional Board Caseworker
Entity Name: MARK JOHNSON SAN FRANCISCO BAY RWQCB REGN 2ND
Entity Title: Not reported
Affiliation Address: 1515 CLAY STREETNA SUITE 1400
Affiliation City: OAKLAND
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Environmental Contact

TE CONNECTIVITY (Continued) **S106838049**

Entity Name:	Stephen Douglas
Entity Title:	Not reported
Affiliation Address:	304 CONSTITUTION DR
Affiliation City:	MENLOPARK
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

J43 **KREBS ENGINEERS** **CPS-SLIC** **1000164994**
NW **1205 CHRYSLER DR** **San Mateo Co. BI** **N/A**
1/4-1/2 **MENLO PARK, CA 94025** **HIST CORTESE**
0.459 mi. **CERS**
2426 ft. **Site 2 of 2 in cluster J**

Relative: **Lower**

Actual: **11 ft.**

CPS-SLIC:

Name:	KREBS ENGINEERS
Address:	1205 CHRYSLER DR
City,State,Zip:	MENLO PARK, CA 94025
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	06/02/2009
Global Id:	T0608100940
Lead Agency:	SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number:	449051
Latitude:	37.482641
Longitude:	-122.175578
Case Type:	Cleanup Program Site
Case Worker:	UUU
Local Agency:	Not reported
RB Case Number:	41S0157
File Location:	Not reported
Potential Media Affected:	Not reported
Potential Contaminants of Concern:	Stoddard solvent / Mineral Spriits / Distillates
EPA Region:	9
Coordinate Source:	* Historical Geocode - Street Match
Cuf Case:	NO
Quantity Released Gallons:	Not reported
Begin Date:	01/13/1997
Leak Reported Date:	02/13/1997
How Discovered:	Not reported
How Discovered Description:	Not reported
Discharge Source:	Not reported
Discharge Cause:	Not reported
Stop Method:	Not reported
Stop Description:	Not reported
No Further Action Date:	06/02/2009
CA Water Watershed Name:	South Bay - San Mateo Bayside (204.40)
Dwr Groundwater Subbasin Name:	Santa Clara Valley - San Mateo Plain (2-009.03)
Disadvantaged Community:	Not reported
CA Enviroscreen 3 Score:	46-50%
CA Enviroscreen 4 Score:	60-65%
Military DOD Site:	No
Facility Project Subtype:	Not reported
RWQCB Region:	SAN FRANCISCO BAY RWQCB (REGION 2)
Site History:	Not reported

KREBS ENGINEERS (Continued) **1000164994**

Click here to access the California GeoTracker records for this facility:

San Mateo Co. BI:

Name:	ROTO ROOTER
Address:	1205 CHRYSLER
City,State,Zip:	MENLO PARK, CA 94025
Region:	SAN MATEO
Facility ID:	FA0024340
Prog Element Code:	GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id:	PR0028949
Description:	GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status:	Inactive, non-billable
Program Category:	HAZARDOUS WASTE PROGRAM

Name:	ROTO ROOTER
Address:	1205 CHRYSLER
City,State,Zip:	MENLO PARK, CA 94025
Region:	SAN MATEO
Facility ID:	FA0024340
Prog Element Code:	STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id:	PR0028950
Description:	STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status:	Inactive, non-billable
Program Category:	BUSINESS PLAN PROGRAM

Name:	KREBS ENGINEERS
Address:	1205 CHRYSLER
City,State,Zip:	MENLO PARK, CA 94025
Region:	SAN MATEO
Facility ID:	FA0014357
Prog Element Code:	GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id:	PR0024901
Description:	GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status:	Inactive, non-billable
Program Category:	HAZARDOUS WASTE PROGRAM

Name:	KREBS ENGINEERS
Address:	1205 CHRYSLER
City,State,Zip:	MENLO PARK, CA 94025
Region:	SAN MATEO
Facility ID:	FA0014357
Prog Element Code:	STORES HAZ MAT <1,199GAL,9,999LB,4,799FT3
Record Id:	PR0024902
Description:	STORES HAZ MAT <1,199GAL,9,999LB,4,799CF
Facility Status:	Inactive, non-billable
Program Category:	BUSINESS PLAN PROGRAM

HIST CORTESE:

edr_fname:	KREBS ENGINEERS
edr_fadd1:	1205 CHRYSLER
City,State,Zip:	MENLO PARK, CA 94025
Region:	CORTESE
Facility County Code:	41
Reg By:	LTNKA
Reg Id:	41-1027

KREBS ENGINEERS (Continued) **1000164994**

CERS:
- Name: KREBS ENGINEERS
- Address: 1205 CHRYSLER DR
- City,State,Zip: MENLO PARK, CA 94025
- Site ID: 248046
- CERS ID: T0608100940
- CERS Description: Cleanup Program Site

Affiliation:
- Affiliation Type Desc: Regional Board Caseworker
- Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
- Entity Title: Not reported
- Affiliation Address: 1515 CLAY ST SUITE 1400
- Affiliation City: OAKLAND
- Affiliation State: CA
- Affiliation Country: Not reported
- Affiliation Zip: Not reported
- Affiliation Phone: ,

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44 **NICHOLSON CO** **LUST** **S106981662**
SSE **931 MENLO OAKS** **San Mateo Co. BI** **N/A**
1/4-1/2 **MENLO PARK, CA 94025**
0.472 mi.
2493 ft.

Relative:
Higher

Actual:
33 ft.

SAN MATEO CO. LUST:
- Name: NICHOLSON PROPERTY
- Address: 931 MENLO OAKS DR
- City,State,Zip: MENLO PARK, CA
- Region: SAN MATEO
- Facility ID: 440037
- Facility Status: 9- Case Closed
- Global ID: T0608101085
- APN Number: 062150360
- Case Type: MENLO PARK, CA
- EDR Link ID: MENLO PARK, CA

San Mateo Co. BI:
- Name: NICHOLSON CO
- Address: 931 MENLO OAKS
- City,State,Zip: MENLO PARK, CA 94025
- Region: SAN MATEO
- Facility ID: FA0022774
- Prog Element Code: UNDERGROUND TANK - GENERAL
- Record Id: PR0025448
- Description: UNDERGROUND TANK - GENERAL
- Facility Status: Inactive, non-billable
- Program Category: UNDERGROUND TANK PROGRAM

K45 **PHARM CHEM LABORATORIES** **RCRA-SQG** **1000364681**
WNW **3925 BOHANNON DRIVE** **CPS-SLIC** **CAD053996807**
1/4-1/2 **MENLO PARK, CA 94025** **FINDS**
0.479 mi. **ECHO**
2528 ft. **Site 3 of 4 in cluster K** **San Mateo Co. BI**

Relative:
Higher

Actual:
21 ft.

RCRA Listings:

Date Form Received by Agency:	19960901
Handler Name:	Pharm Chem Laboratories
Handler Address:	3925 BOHANNON DRIVE
Handler City,State,Zip:	MENLO PARK, CA 94025
EPA ID:	CAD053996807
Contact Name:	Not reported
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	Not reported
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	CA
State District:	2
Mailing Address:	BOHANNON DRIVE
Mailing City,State,Zip:	MENLO PARK, CA 94025
Owner Name:	James A Ostenga Phd
Owner Type:	Private
Operator Name:	Not Required
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No

PHARM CHEM LABORATORIES (Continued) **1000364681**

Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20060905
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: JAMES A OSTENGA PHD	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: NOT REQUIRED	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: NOT REQUIRED	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: JAMES A OSTENGA PHD	
Legal Status:	Private

PHARM CHEM LABORATORIES (Continued) **1000364681**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19960901
Handler Name:	PHARM CHEM LABORATORIES
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	CA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	19960901
Handler Name:	PHARM CHEM LABORATORIES
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	CA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Codes:	No NAICS Codes Found

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

CPS-SLIC:

Name:	PHARM CHEM LABS INC
Address:	3925 BOHANNON DR
City,State,Zip:	MENLO PARK, CA
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	05/11/2009
Global Id:	SLT2O096102
Lead Agency:	SAN FRANCISCO BAY RWQCB (REGION 2)

PHARM CHEM LABORATORIES (Continued) **1000364681**

Lead Agency Case Number:	Not reported
Latitude:	37.4788743686313
Longitude:	-122.179555387558
Case Type:	Cleanup Program Site
Case Worker:	UUU
Local Agency:	Not reported
RB Case Number:	41S0045
File Location:	Not reported
Potential Media Affected:	Not reported
Potential Contaminants of Concern:	Not reported
EPA Region:	9
Coordinate Source:	Google Map Move
Cuf Case:	NO
Quantity Released Gallons:	Not reported
Begin Date:	03/08/2001
Leak Reported Date:	Not reported
How Discovered:	Not reported
How Discovered Description:	Not reported
Discharge Source:	Not reported
Discharge Cause:	Not reported
Stop Method:	Not reported
Stop Description:	Not reported
No Further Action Date:	05/11/2009
CA Water Watershed Name:	South Bay - San Mateo Bayside (204.40)
Dwr Groundwater Subbasin Name:	Santa Clara Valley - San Mateo Plain (2-009.03)
Disadvantaged Community:	Not reported
CA Enviroscreen 3 Score:	46-50%
CA Enviroscreen 4 Score:	60-65%
Military DOD Site:	No
Facility Project Subtype:	Not reported
RWQCB Region:	SAN FRANCISCO BAY RWQCB (REGION 2)
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

FINDS:
Registry ID: 110009530766

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
STATE MASTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000364681
Registry ID:	110009530766
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110009530766
Name:	PHARM CHEM LABORATORIES
Address:	3925 BOHANNON DRIVE

PHARM CHEM LABORATORIES (Continued) **1000364681**

City,State,Zip: MENLO PARK, CA 94025

San Mateo Co. BI:

Name:	SCRIBNER GRAPHIC PRESS
Address:	3925 BOHANNON
City,State,Zip:	MENLO PARK, CA 94025
Region:	SAN MATEO
Facility ID:	FA0022633
Prog Element Code:	GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id:	PR0025064
Description:	GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status:	Inactive, non-billable
Program Category:	HAZARDOUS WASTE PROGRAM

Name:	SCRIBNER GRAPHIC PRESS
Address:	3925 BOHANNON
City,State,Zip:	MENLO PARK, CA 94025
Region:	SAN MATEO
Facility ID:	FA0022633
Prog Element Code:	STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id:	PR0025063
Description:	STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status:	Inactive, non-billable
Program Category:	BUSINESS PLAN PROGRAM

Name:	LINOTEXT
Address:	3925 BOHANNON
City,State,Zip:	MENLO PARK, CA 94025
Region:	SAN MATEO
Facility ID:	FA0025636
Prog Element Code:	GEN 1-5 TONS HAZ WASTE/YR
Record Id:	PR0034573
Description:	GEN 1-5 TONS HAZ WASTE/YR
Facility Status:	Inactive, non-billable
Program Category:	HAZARDOUS WASTE PROGRAM

Name:	LINOTEXT
Address:	3925 BOHANNON
City,State,Zip:	MENLO PARK, CA 94025
Region:	SAN MATEO
Facility ID:	FA0025636
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0043305
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER

Name:	LINOTEXT
Address:	3925 BOHANNON
City,State,Zip:	MENLO PARK, CA 94025
Region:	SAN MATEO
Facility ID:	FA0025636
Prog Element Code:	STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id:	PR0034572
Description:	STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status:	Inactive, non-billable
Program Category:	BUSINESS PLAN PROGRAM

K46 **PHARM CHEM LABS INC** **LUST** **S102002478**
WNW **3925 BOHANNON DR** **CPS-SLIC** **N/A**
1/4-1/2 **MENLO PARK, CA 94025** **CERS**
0.479 mi.
2528 ft. **Site 4 of 4 in cluster K**

Relative:
Higher

Actual:
21 ft.

LUST REG 2:

Region:	2
Facility Id:	41S0045
Facility Status:	Post remedial action monitoring
Case Number:	Not reported
How Discovered:	Tank Closure
Leak Cause:	UNK
Leak Source:	UNK
Date Leak Confirmed:	Not reported
Oversight Program:	LUST
Prelim. Site Assesment Wokplan Submitted:	Not reported
Preliminary Site Assesment Began:	Not reported
Pollution Characterization Began:	Not reported
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	Not reported
Date Post Remedial Action Monitoring Began:	4/25/1991

SLIC REG 2:

Region:	2
Facility ID:	SLT2O096102
Facility Status:	Leak being confirmed
Date Closed:	Not reported
Local Case #:	Not reported
How Discovered:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Date Confirmed:	Not reported
Date Prelim Site Assmnt Workplan Submitted:	Not reported
Date Preliminary Site Assessment Began:	Not reported
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring Began:	Not reported

CERS:

Name:	PHARM CHEM LABS INC
Address:	3925 BOHANNON DR
City,State,Zip:	MENLO PARK, CA
Site ID:	256429
CERS ID:	SLT2O096102
CERS Description:	Cleanup Program Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

M47 **SUNSET HEATING AND AIR CONDITIONING UST** **LUST** **S106117981**
ENE **507 HAMILTON** **Cortese** **N/A**
1/4-1/2 **MENLO PARK, CA 94025** **CERS**
0.488 mi.
2575 ft. **Site 1 of 2 in cluster M**

Relative:
Lower

Actual:
10 ft.

SAN MATEO CO. LUST:

Name:	SUNSET HEATING AND AIR CONDITIONING UST
Address:	507 HAMILTON AVE
City,State,Zip:	MENLO PARK, CA
Region:	SAN MATEO
Facility ID:	440071
Facility Status:	9- Case Closed
Global ID:	T0608179055
APN Number:	055480480
Case Type:	MENLO PARK, CA
EDR Link ID:	MENLO PARK, CA

LUST:

Name:	SUNSET HEATING AND AIR CONDITIONING UST
Address:	507 HAMILTON
City,State,Zip:	MENLO PARK, CA 94025
Lead Agency:	SAN MATEO COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608179055
Global Id:	T0608179055
Latitude:	37.478635
Longitude:	-122.160788
Status:	Completed - Case Closed
Status Date:	10/27/2004
Case Worker:	Not reported
RB Case Number:	Not reported
Local Agency:	Not reported
File Location:	Local Agency Warehouse
Local Case Number:	440071
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Gasoline
EPA Region:	9
Coordinate Source:	Google Geocode
Cuf Case:	NO
Quantity Released Gallons:	0
Begin Date:	03/10/2003
Leak Reported Date:	04/16/2003
How Discovered:	Not reported
How Discovered Description:	Not reported
Discharge Source:	Not reported
Discharge Cause:	Not reported
Stop Method:	Close and Remove Tank
Stop Description:	Not reported
No Further Action Date:	10/27/2004
CA Water Watershed Name:	South Bay - San Mateo Bayside (204.40)
Dwr Groundwater Subbasin Name:	Santa Clara Valley - San Mateo Plain (2-009.03)
Disadvantaged Community:	Not reported
CA Enviroscreen 3 Score:	46-50%
CA Enviroscreen 4 Score:	60-65%
Military DOD Site:	No
Facility Project Subtype:	Not reported
RWQCB Region:	SAN FRANCISCO BAY RWQCB (REGION 2)
Site History:	Not reported

SUNSET HEATING AND AIR CONDITIONING UST (Continued) **S106117981**

LUST:
Global Id: T0608179055
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Global Id: T0608179055
Contact Type: Regional Board Caseworker
Contact Name: UUU
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

LUST:
Global Id: T0608179055
Action Type: ENFORCEMENT
Date: 10/27/2004
Action: Closure/No Further Action Letter - #20041027

Global Id: T0608179055
Action Type: ENFORCEMENT
Date: 09/16/2003
Action: Staff Letter - #20030916A

Global Id: T0608179055
Action Type: ENFORCEMENT
Date: 05/05/2003
Action: Notice of Responsibility - #1

Global Id: T0608179055
Action Type: ENFORCEMENT
Date: 09/16/2003
Action: Staff Letter - #20030916B

Global Id: T0608179055
Action Type: RESPONSE
Date: 06/24/2003
Action: Preliminary Site Assessment Workplan

Global Id: T0608179055
Action Type: RESPONSE
Date: 11/16/2003
Action: Electronic Reporting Submittal Due

Global Id: T0608179055
Action Type: RESPONSE
Date: 01/16/2004
Action: Final Remedial Action Report / Corrective Action Report

Global Id: T0608179055

SUNSET HEATING AND AIR CONDITIONING UST (Continued) **S106117981**

Action Type: Other
Date: 04/16/2003
Action: Leak Reported

Global Id: T0608179055
Action Type: RESPONSE
Date: 08/26/2004
Action: Other Report / Document

Global Id: T0608179055
Action Type: REMEDIATION
Date: 03/17/2004
Action: Excavation

Global Id: T0608179055
Action Type: ENFORCEMENT
Date: 11/01/2006
Action: Technical Correspondence / Assistance / Other

Global Id: T0608179055
Action Type: ENFORCEMENT
Date: 05/14/2007
Action: Technical Correspondence / Assistance / Other

Global Id: T0608179055
Action Type: Other
Date: 03/10/2003
Action: Leak Discovery

LUST:
Global Id: T0608179055
Status: Open - Case Begin Date
Status Date: 03/10/2003

Global Id: T0608179055
Status: Open - Site Assessment
Status Date: 04/24/2003

Global Id: T0608179055
Status: Open - Remediation
Status Date: 09/16/2003

Global Id: T0608179055
Status: Completed - Case Closed
Status Date: 10/27/2004

LUST REG 2:
Region: 2
Facility Id: Not reported
Facility Status: Remedial action (cleanup) Underway
Case Number: 440071
How Discovered: PS
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported

SUNSET HEATING AND AIR CONDITIONING UST (Continued) **S106117981**

Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: 4/24/2003
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: 9/16/2003
Date Post Remedial Action Monitoring Began: Not reported

CORTESE:

Name:	SUNSET HEATING AND AIR CONDITIONING UST
Address:	507 HAMILTON
City,State,Zip:	MENLO PARK, CA 94025
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0608179055
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

CERS:

Name:	SUNSET HEATING AND AIR CONDITIONING UST
Address:	507 HAMILTON
City,State,Zip:	MENLO PARK, CA 94025
Site ID:	211301
CERS ID:	T0608179055
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	UUU - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400

SUNSET HEATING AND AIR CONDITIONING UST (Continued) **S106117981**

Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

M48 **SUNSET HEATING AND AIR CONDITIONING** **LUST** **U001594223**
ENE **511 HAMILTON** **CPS-SLIC** **N/A**
1/4-1/2 **MENLO PARK, CA 94025** **HIST UST**
0.499 mi. **CERS**
2633 ft. **Site 2 of 2 in cluster M**

Relative:
Lower

Actual:
10 ft.

SAN MATEO CO. LUST:

Name:	SUNSET HEATING AND AIR CONDITIONING
Address:	511 HAMILTON AVE
City,State,Zip:	MENLO PARK, CA
Region:	SAN MATEO
Facility ID:	449072
Facility Status:	9- Case Closed
Global ID:	SL0608109540
APN Number:	055480480
Case Type:	MENLO PARK, CA
EDR Link ID:	MENLO PARK, CA

CPS-SLIC:

Name:	SUNSET HEATING AND AIR CONDITIONING
Address:	511 HAMILTON
City,State,Zip:	MENLO PARK, CA 94025
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	10/27/2004
Global Id:	SL0608109540
Lead Agency:	SAN MATEO COUNTY LOP
Lead Agency Case Number:	449072
Latitude:	37.478914
Longitude:	-122.160645
Case Type:	Cleanup Program Site
Case Worker:	Not reported
Local Agency:	Not reported
RB Case Number:	Not reported
File Location:	Local Agency Warehouse
Potential Media Affected:	Soil
Potential Contaminants of Concern:	Polychlorinated biphenyls (PCBs), Chlordane
EPA Region:	9
Coordinate Source:	Google Geocode
Cuf Case:	NO
Quantity Released Gallons:	0
Begin Date:	03/10/2003
Leak Reported Date:	04/16/2003
How Discovered:	Not reported
How Discovered Description:	Not reported
Discharge Source:	Not reported
Discharge Cause:	Not reported
Stop Method:	Other Means
Stop Description:	Not reported
No Further Action Date:	10/27/2004

SUNSET HEATING AND AIR CONDITIONING (Continued) **U001594223**

CA Water Watershed Name:	South Bay - San Mateo Bayside (204.40)
Dwr Groundwater Subbasin Name:	Santa Clara Valley - San Mateo Plain (2-009.03)
Disadvantaged Community:	Not reported
CA Enviroscreen 3 Score:	46-50%
CA Enviroscreen 4 Score:	60-65%
Military DOD Site:	No
Facility Project Subtype:	Not reported
RWQCB Region:	SAN FRANCISCO BAY RWQCB (REGION 2)
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

HIST UST:

Name:	SUNSET HEATING AND A/C CO
Address:	511 HAMILTON AVENUE
City,State,Zip:	MENLO PARK, CA 94025
File Number:	0002c349
URL:	https://documents.geotracker.waterboards.ca.gov/ustpdfs/pdf/0002c349.pdf
Region:	STATE
Facility ID:	00000006997
Facility Type:	Other
Other Type:	CONTRACTOR
Contact Name:	WILLIAM R. KASTELIC
Telephone:	4153241696
Owner Name:	SUNSET HEATING & A/C CO.
Owner Address:	511 HAMILTON AVENUE
Owner City,St,Zip:	MENLO PARK, CA 94025
Total Tanks:	0002
Tank Num:	001
Container Num:	1
Year Installed:	1972
Tank Capacity:	00000500
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	Not reported
Tank Num:	002
Container Num:	2
Year Installed:	1972
Tank Capacity:	00000500
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Not reported

Click here for Geo Tracker PDF:

CERS:

Name:	SUNSET HEATING AND AIR CONDITIONING
Address:	511 HAMILTON
City,State,Zip:	MENLO PARK, CA 94025
Site ID:	189398
CERS ID:	SL0608109540
CERS Description:	Cleanup Program Site

SUNSET HEATING AND AIR CONDITIONING (Continued) **U001594223**

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	UUU - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

49
NW
1/2-1
0.579 mi.
3056 ft.

SEIBERT, J., MACHINE CORP
119 INDEPENDENCE DR.
MENLO PARK, CA 94025

ENVIROSTOR **S101482217**
San Mateo Co. BI **N/A**

Relative:
Lower

Actual:
11 ft.

ENVIROSTOR:

Name:	SEIBERT, J., MACHINE CORP
Address:	119 INDEPENDENCE DR.
City,State,Zip:	MENLO PARK, CA 94025
Facility ID:	41350016
Status:	Refer: Other Agency
Status Date:	03/31/1995
Site Code:	Not reported
Site Type:	Historical
Site Type Detailed:	* Historical
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	Referred - Not Assigned
Division Branch:	Cleanup Berkeley
Assembly:	24
Senate:	13
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	37.48393
Longitude:	-122.1777
APN:	055236180
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED

SEIBERT, J., MACHINE CORP (Continued) **S101482217**

Potential Description: NONE SPECIFIED
Alias Name: 055236180
Alias Type: APN
Alias Name: 41350016
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 06/01/1988
Comments: SITE SCREENING DONE NEED MORE INFO

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 08/01/1980
Comments: FACILITY IDENTIFIED INACTIVE SITE I.D.'D IN INITIAL RESEARCH

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

San Mateo Co. BI:
Name: MOTION PRO INC
Address: 119 INDEPENDENCE
City,State,Zip: MENLO PARK, CA 94025
Region: SAN MATEO
Facility ID: FA0024825
Prog Element Code: GENERATES <27 GAL/YEAR
Record Id: PR0030764
Description: GENERATES <27 GAL/YEAR
Facility Status: Inactive, non-billable
Program Category: HAZARDOUS WASTE PROGRAM

Name: MOTION PRO INC
Address: 119 INDEPENDENCE
City,State,Zip: MENLO PARK, CA 94025
Region: SAN MATEO
Facility ID: FA0024825
Prog Element Code: STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id: PR0030763
Description: STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status: Inactive, non-billable
Program Category: BUSINESS PLAN PROGRAM

Name: MOTION PRO INC
Address: 119 INDEPENDENCE
City,State,Zip: MENLO PARK, CA 94025
Region: SAN MATEO
Facility ID: FA0024825

SEIBERT, J., MACHINE CORP (Continued) **S101482217**

Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0040645
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER

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50 **FORMER GAS STATION** **Notify 65** **S100178996**
West **955 MARSH ROAD** **N/A**
1/2-1 **REDWOOD CITY, CA 92257**
0.908 mi.
4794 ft.

Relative: **Higher**
Actual: **24 ft.**

NOTIFY 65:

Name:	FORMER GAS STATION
Address:	955 MARSH ROAD
City,State,Zip:	REDWOOD CITY, CA 92257
Date Reported:	Not reported
Staff Initials:	Not reported
Board File Number:	Not reported
Facility Type:	Not reported
Discharge Date:	Not reported
Issue Date:	Not reported
Incident Description:	Not reported
Global ID:	Not reported
Status:	Not reported

---

51 **WILLOW OFFICE PARK** **ENVIROSTOR** **S121475158**
East **1350-1390 WILLOW RD., 925-1098 HAMILTON AVE. & 1005-1275 HAM** **VCP** **N/A**
1/2-1 **MENLO PARK, CA 94025**
0.957 mi.
5054 ft.

Relative: **Lower**
Actual: **10 ft.**

ENVIROSTOR:

Name:	WILLOW OFFICE PARK
Address:	1350-1390 WILLOW RD., 925-1098 HAMILTON AVE. & 1005-1275 HAMILTON CT.
City,State,Zip:	MENLO PARK, CA 94025
Facility ID:	60002595
Status:	Active
Status Date:	01/04/2018
Site Code:	202169
Site Type:	Voluntary Cleanup
Site Type Detailed:	Voluntary Agreement
Acres:	56
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Stuart St Clair
Supervisor:	Joseph Tapia
Division Branch:	Engineering & Special Projects
Assembly:	, 24
Senate:	, 13
Special Program:	Voluntary Agreement - Standard Voluntary Agreement
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Responsible Party
Latitude:	37.47841

WILLOW OFFICE PARK (Continued) **S121475158**

Longitude: -122.1488
APN: NONE SPECIFIED
Past Use: AIRCRAFT MAINTENANCE, AIRFIELD OPERATIONS
Potential COC: Tetrachloroethylene (PCE Trichloroethylene (TCE Vinyl chloride 1,2-Dichloroethylene (cis
Confirmed COC: Tetrachloroethylene (PCE Trichloroethylene (TCE Vinyl chloride 1,2-Dichloroethylene (cis
Potential Description: OTH, SV
Alias Name: 202169
Alias Type: Project Code (Site Code)
Alias Name: 60002595
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 03/27/2019
Comments: DTSC letter will be followed by scoping meeting with RP to determine next steps

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Responsible Agency Review
Completed Date: 10/30/2019
Comments: DTSC reviewed Notice of Preparation and has no comments.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Request for Tribal Outreach
Completed Date: 03/01/2021
Comments: Had a discussion with Bob Boggs on 3/1/2021 regarding Tribal engagement; DTSC is not the lead on this much larger development project. The developers are conducting an archeological investigation for the proposed work. Bob will re-connect with OEE Tribal Affairs upon the completion of this investigation.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/30/2021
Comments: Annual Schedule and Cost Estimate

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: OPEA Consultation
Completed Date: 04/16/2021
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Standard Voluntary Agreement
Completed Date: 08/09/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Consultation

WILLOW OFFICE PARK (Continued) **S121475158**

Completed Date: 04/30/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/04/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 01/11/2021
Comments: Work plan with recommendations.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 06/16/2021
Comments: Community Survey sent out 6/16/2021.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Workplan
Completed Date: 12/22/2020
Comments: Supplemental Investigation

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 07/28/2020
Comments: Final approved via email.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 02/03/2021
Comments: Data report accepted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 05/22/2019
Comments: No response needed - RP will follow up with work plan for further characterization.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 08/16/2019
Comments: approved via email.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: PROJECT WIDE

WILLOW OFFICE PARK (Continued) **S121475158**

Schedule Sub Area Name: Not reported
Schedule Document Type: Supplemental Site Investigation Report
Schedule Due Date: 05/06/2023
Schedule Revised Date: Not reported

VCP:
Name: WILLOW OFFICE PARK
Address: 1350-1390 WILLOW RD., 925-1098 HAMILTON AVE. & 1005-1275 HAMILTON CT.
City,State,Zip: MENLO PARK, CA 94025
Facility ID: 60002595
Site Type: Voluntary Cleanup
Site Type Detail: Voluntary Agreement
Site Mgmt. Req.: NONE SPECIFIED
Acres: 56
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Stuart St Clair
Supervisor: Joseph Tapia
Division Branch: Engineering & Special Projects
Site Code: 202169
Assembly: , 24
Senate: , 13
Special Programs Code: Voluntary Agreement - Standard Voluntary Agreement
Status: Active
Status Date: 01/04/2018
Restricted Use: NO
Funding: Responsible Party
Lat/Long: 37.47841 / -122.1488
APN: NONE SPECIFIED
Past Use: AIRCRAFT MAINTENANCE, AIRFIELD OPERATIONS
Potential COC: 30022, 30027, 30028, 30195
Confirmed COC: 30022,30027,30028,30195
Potential Description: OTH, SV
Alias Name: 202169
Alias Type: Project Code (Site Code)
Alias Name: 60002595
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 03/27/2019
Comments: DTSC letter will be followed by scoping meeting with RP to determine next steps

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Responsible Agency Review
Completed Date: 10/30/2019
Comments: DTSC reviewed Notice of Preparation and has no comments.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Request for Tribal Outreach

WILLOW OFFICE PARK (Continued) **S121475158**

Completed Date:	03/01/2021
Comments:	Had a discussion with Bob Boggs on 3/1/2021 regarding Tribal engagement; DTSC is not the lead on this much larger development project. The developers are conducting an archeological investigation for the proposed work. Bob will re-connect with OEE Tribal Affairs upon the completion of this investigation.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Annual Oversight Cost Estimate
Completed Date:	09/30/2021
Comments:	Annual Schedule and Cost Estimate
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	OPEA Consultation
Completed Date:	04/16/2021
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Standard Voluntary Agreement
Completed Date:	08/09/2018
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Voluntary Cleanup Consultation
Completed Date:	04/30/2019
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Annual Oversight Cost Estimate
Completed Date:	10/04/2019
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Technical Workplan
Completed Date:	01/11/2021
Comments:	Work plan with recommendations.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Community Profile
Completed Date:	06/16/2021
Comments:	Community Survey sent out 6/16/2021.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Supplemental Site Investigation Workplan
Completed Date:	12/22/2020
Comments:	Supplemental Investigation
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported

WILLOW OFFICE PARK (Continued) **S121475158**

Completed Document Type:	Technical Workplan
Completed Date:	07/28/2020
Comments:	Final approved via email.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Supplemental Site Investigation Report
Completed Date:	02/03/2021
Comments:	Data report accepted.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Other Report
Completed Date:	05/22/2019
Comments:	No response needed - RP will follow up with work plan for further characterization.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Characterization Workplan
Completed Date:	08/16/2019
Comments:	approved via email.
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	PROJECT WIDE
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Supplemental Site Investigation Report
Schedule Due Date:	05/06/2023
Schedule Revised Date:	Not reported

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52 **SANFORD METAL PROCESSING INC** **RCRA-LQG 1001486823**
East **990 O BRIEN DR** **ENVIROSTOR CAD981425580**
1/2-1 **MENLO PARK, CA 94025**
0.980 mi.
5175 ft.

Relative: **Lower**

Actual: **13 ft.**

RCRA Listings:

Date Form Received by Agency:	20220411
Handler Name:	Sanford Metal Processing Inc
Handler Address:	990 O BRIEN DR
Handler City,State,Zip:	MENLO PARK, CA 94025
EPA ID:	CAD981425580
Contact Name:	JOSE SANDOVAL
Contact Address:	O BRIEN DR
Contact City,State,Zip:	MENLO PARK, CA 94025
Contact Telephone:	650-327-5172
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Large Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	2021
Accessibility:	Not reported

SANFORD METAL PROCESSING INC (Continued) **1001486823**

Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	O BRIEN DR
Mailing City,State,Zip:	MENLO PARK, CA 94025
Owner Name:	Martha Gonzalez
Owner Type:	Private
Operator Name:	Martha Gonzalez
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20220630
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Biennial: List of Years
Year: 2021

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:

SANFORD METAL PROCESSING INC (Continued) **1001486823**

Waste Code: D000
Waste Description: Not Defined

Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D002
Waste Description: CORROSIVE WASTE

Waste Code: D003
Waste Description: REACTIVE WASTE

Waste Code: D006
Waste Description: CADMIUM

Waste Code: D007
Waste Description: CHROMIUM

Waste Code: D035
Waste Description: METHYL ETHYL KETONE

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F005
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F006
Waste Description: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

Waste Code: F007
Waste Description: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.

Waste Code: F008
Waste Description: PLATING BATH RESIDUES FROM THE BOTTOM OF PLATING BATHS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

SANFORD METAL PROCESSING INC (Continued) **1001486823**

Waste Code: F009
Waste Description: SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: MARTHA GONZALEZ
Legal Status: Private
Date Became Current: 20170501
Date Ended Current: Not reported
Owner/Operator Address: 990 O'BRIEN DRIVE
Owner/Operator City,State,Zip: MENLO PARK, CA 94025
Owner/Operator Telephone: 650-327-5172
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: MARTHA@SANFORDMETAL.COM

Owner/Operator Indicator: Owner
Owner/Operator Name: MARTHA GONZALEZ
Legal Status: Private
Date Became Current: 20170501
Date Ended Current: Not reported
Owner/Operator Address: 990 O BRIEN DR
Owner/Operator City,State,Zip: MENLO PARK, CA 94025
Owner/Operator Telephone: 650-327-5172
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: MARTHA@SANFORDMETAL.COM

Owner/Operator Indicator: Owner
Owner/Operator Name: JOSE SANDOVAL
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 990 O BRIEN DR
Owner/Operator City,State,Zip: MENLO PARK, CA 94025
Owner/Operator Telephone: 650-327-5172
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20220411
Handler Name: SANFORD METAL PROCESSING INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 19990512

SANFORD METAL PROCESSING INC (Continued) **1001486823**

Handler Name: SANFORD METAL PROCESSING INC
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19900430
Handler Name: SANFORD METAL PROCESSING INC.
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19920303
Handler Name: SANFORD METAL PROCESSING CO.
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19960221
Handler Name: SANFORD METAL PROCESSING, INC.
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 331492
NAICS Description: SECONDARY SMELTING, REFINING, AND ALLOYING OF NONFERROUS METAL (EXCEPT COPPER AND ALUMINUM)

NAICS Code: 332813

SANFORD METAL PROCESSING INC (Continued) **1001486823**

NAICS Description: ELECTROPLATING, PLATING, POLISHING, ANODIZING, AND COLORING

Has the Facility Received Notices of Violations:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	20050211
Actual Return to Compliance Date:	20050311
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	501
Date of Enforcement Action:	20050211
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

SANFORD METAL PROCESSING INC (Continued) **1001486823**

Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 19990331
Evaluation Responsible Agency: EPA
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: KMORI
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20050211
Evaluation Responsible Agency: State Contractor/Grantee
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20050311
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

ENVIROSTOR:
Name: SANFORD METAL PROCESSING CO.
Address: 990 O'BRIEN DRIVE
City,State,Zip: MENLO PARK, CA 94025
Facility ID: 71002837
Status: Refer: Other Agency

SANFORD METAL PROCESSING INC (Continued) **1001486823**

Status Date: Not reported
Site Code: Not reported
Site Type: Tiered Permit
Site Type Detailed: Tiered Permit
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Not reported
Division Branch: Cleanup Berkeley
Assembly: 24
Senate: 13
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 37.47493
Longitude: -122.1516
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAD981425580
Alias Type: EPA Identification Number
Alias Name: 110021329463
Alias Type: EPA (FRS #)
Alias Name: 71002837
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase I Verification
Completed Date: 08/31/1998
Comments: Inspection report sent on 8/31/1998

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

Count: 3 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
EAST PALO ALTO	S106235145	FORMER RAIL SPUR EAST PALO ALTO RI	VICINITY OF BAY RD		CPS-SLIC
MENLO PARK	S126984335	MARSH ROAD SANITARY LANDFILL	NORTH END OF MARSH ROAD @ BAYF	94025	SWF/LF
REDWOOD CITY	S128634357	ELCO YARDS	WITHIN PENNSYLVANIA AVE./ELM S	94063	ENVIROSTOR, VCP

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 01/25/2023
Date Data Arrived at EDR: 02/03/2023
Date Made Active in Reports: 02/28/2023
Number of Days to Update: 25

Source: EPA
Telephone: N/A
Last EDR Contact: 04/03/2023
Next Scheduled EDR Contact: 07/10/2023
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 3
Telephone 215-814-5418

EPA Region 4
Telephone 404-562-8033

EPA Region 5
Telephone 312-886-6686

EPA Region 10
Telephone 206-553-8665

EPA Region 6
Telephone: 214-655-6659

EPA Region 7
Telephone: 913-551-7247

EPA Region 8
Telephone: 303-312-6774

EPA Region 9
Telephone: 415-947-4246

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 01/25/2023
Date Data Arrived at EDR: 02/02/2023
Date Made Active in Reports: 02/28/2023
Number of Days to Update: 26

Source: EPA
Telephone: N/A
Last EDR Contact: 04/03/2023
Next Scheduled EDR Contact: 07/10/2023
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Lists of Federal Delisted NPL sites

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 01/25/2023
Date Data Arrived at EDR: 02/02/2023
Date Made Active in Reports: 02/28/2023
Number of Days to Update: 26

Source: EPA
Telephone: N/A
Last EDR Contact: 04/03/2023
Next Scheduled EDR Contact: 07/10/2023
Data Release Frequency: Quarterly

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 12/20/2022
Date Data Arrived at EDR: 12/21/2022
Date Made Active in Reports: 03/10/2023
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 03/28/2023
Next Scheduled EDR Contact: 07/10/2023
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 01/25/2023
Date Data Arrived at EDR: 02/02/2023
Date Made Active in Reports: 02/28/2023
Number of Days to Update: 26

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 04/03/2023
Next Scheduled EDR Contact: 04/24/2023
Data Release Frequency: Quarterly

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 01/25/2023
Date Data Arrived at EDR: 02/02/2023
Date Made Active in Reports: 02/28/2023
Number of Days to Update: 26

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 04/03/2023
Next Scheduled EDR Contact: 04/24/2023
Data Release Frequency: Quarterly

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/06/2023
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 03/20/2023
Number of Days to Update: 11

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 03/09/2023
Next Scheduled EDR Contact: 07/03/2023
Data Release Frequency: Quarterly

Lists of Federal RCRA TSD facilities

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 03/06/2023
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 03/20/2023
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/09/2023
Next Scheduled EDR Contact: 07/03/2023
Data Release Frequency: Quarterly

Lists of Federal RCRA generators

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/06/2023
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 03/20/2023
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/09/2023
Next Scheduled EDR Contact: 07/03/2023
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 03/06/2023
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 03/20/2023
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/09/2023
Next Scheduled EDR Contact: 07/03/2023
Data Release Frequency: Quarterly

RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/06/2023
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 03/20/2023
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/09/2023
Next Scheduled EDR Contact: 07/03/2023
Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 11/02/2022
Date Data Arrived at EDR: 11/08/2022
Date Made Active in Reports: 01/10/2023
Number of Days to Update: 63

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 02/03/2023
Next Scheduled EDR Contact: 05/22/2023
Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 10/27/2022
Date Data Arrived at EDR: 11/16/2022
Date Made Active in Reports: 02/09/2023
Number of Days to Update: 85

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 02/21/2023
Next Scheduled EDR Contact: 06/05/2023
Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 10/27/2022
Date Data Arrived at EDR: 11/16/2022
Date Made Active in Reports: 02/09/2023
Number of Days to Update: 85

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 02/21/2023
Next Scheduled EDR Contact: 06/05/2023
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/12/2022
Date Data Arrived at EDR: 12/14/2022
Date Made Active in Reports: 12/19/2022
Number of Days to Update: 5

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 03/21/2023
Next Scheduled EDR Contact: 07/03/2023
Data Release Frequency: Quarterly

Lists of state- and tribal (Superfund) equivalent sites

RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 10/24/2022
Date Data Arrived at EDR: 10/24/2022
Date Made Active in Reports: 01/12/2023
Number of Days to Update: 80

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/24/2023
Next Scheduled EDR Contact: 05/08/2023
Data Release Frequency: Quarterly

Lists of state- and tribal hazardous waste facilities

ENVIROSTOR: EnviroStor Database

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

Date of Government Version: 10/24/2022
Date Data Arrived at EDR: 10/24/2022
Date Made Active in Reports: 01/12/2023
Number of Days to Update: 80

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/24/2023
Next Scheduled EDR Contact: 05/08/2023
Data Release Frequency: Quarterly

Lists of state and tribal landfills and solid waste disposal facilities

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inve ntory of solid waste disposal facilities or landfills. These may be active or i nactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 11/03/2022
Date Data Arrived at EDR: 11/03/2022
Date Made Active in Reports: 01/25/2023
Number of Days to Update: 83

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 02/07/2023
Next Scheduled EDR Contact: 05/22/2023
Data Release Frequency: Quarterly

Lists of state and tribal leaking storage tanks

LUST REG 4: Underground Storage Tank Leak List

Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6710
Last EDR Contact: 09/06/2011
Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 07/01/2008
Date Data Arrived at EDR: 07/22/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

LUST REG 7: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004
Date Data Arrived at EDR: 02/26/2004
Date Made Active in Reports: 03/24/2004
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-776-8943
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 8: Leaking Underground Storage Tanks

California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005
Date Data Arrived at EDR: 02/15/2005
Date Made Active in Reports: 03/28/2005
Number of Days to Update: 41

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4496
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

LUST REG 3: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003
Date Data Arrived at EDR: 05/19/2003
Date Made Active in Reports: 06/02/2003
Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-542-4786
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List

Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: No Update Planned

LUST REG 1: Active Toxic Site Investigation

Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001
Date Data Arrived at EDR: 02/28/2001
Date Made Active in Reports: 03/29/2001
Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-570-3769
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 6V: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005
Date Data Arrived at EDR: 06/07/2005
Date Made Active in Reports: 06/29/2005
Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-241-7365
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST: Leaking Underground Fuel Tank Report (GEOTRACKER)

Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 03/06/2023
Date Data Arrived at EDR: 03/07/2023
Date Made Active in Reports: 03/30/2023
Number of Days to Update: 23

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 03/07/2023
Next Scheduled EDR Contact: 06/19/2023
Data Release Frequency: Quarterly

LUST REG 6L: Leaking Underground Storage Tank Case Listing

For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003
Date Data Arrived at EDR: 09/10/2003
Date Made Active in Reports: 10/07/2003
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 530-542-5572
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 9: Leaking Underground Storage Tank Report

Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001
Date Data Arrived at EDR: 04/23/2001
Date Made Active in Reports: 05/21/2001
Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-637-5595
Last EDR Contact: 09/26/2011
Next Scheduled EDR Contact: 01/09/2012
Data Release Frequency: No Update Planned

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 11/23/2022
Date Data Arrived at EDR: 12/06/2022
Date Made Active in Reports: 03/03/2023
Number of Days to Update: 87

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 01/17/2023
Next Scheduled EDR Contact: 05/01/2023
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 11/26/2022
Date Data Arrived at EDR: 12/06/2022
Date Made Active in Reports: 03/03/2023
Number of Days to Update: 87

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 01/17/2023
Next Scheduled EDR Contact: 05/01/2023
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 10/14/2022
Date Data Arrived at EDR: 12/06/2022
Date Made Active in Reports: 03/03/2023
Number of Days to Update: 87

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 01/17/2023
Next Scheduled EDR Contact: 05/01/2023
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 11/23/2022
Date Data Arrived at EDR: 12/06/2022
Date Made Active in Reports: 03/03/2023
Number of Days to Update: 87

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 01/17/2023
Next Scheduled EDR Contact: 05/01/2023
Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 11/23/2022
Date Data Arrived at EDR: 12/06/2022
Date Made Active in Reports: 03/03/2023
Number of Days to Update: 87

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 01/17/2023
Next Scheduled EDR Contact: 05/01/2023
Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 10/14/2022
Date Data Arrived at EDR: 12/06/2022
Date Made Active in Reports: 03/03/2023
Number of Days to Update: 87

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 01/17/2023
Next Scheduled EDR Contact: 05/01/2023
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 10/19/2022
Date Data Arrived at EDR: 12/06/2022
Date Made Active in Reports: 03/03/2023
Number of Days to Update: 87

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 01/17/2023
Next Scheduled EDR Contact: 05/01/2023
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 04/20/2022
Date Data Arrived at EDR: 06/13/2022
Date Made Active in Reports: 08/16/2022
Number of Days to Update: 64

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 01/17/2023
Next Scheduled EDR Contact: 05/01/2023
Data Release Frequency: Varies

CPS-SLIC: Statewide SLIC Cases (GEOTRACKER)
Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 03/06/2023
Date Data Arrived at EDR: 03/07/2023
Date Made Active in Reports: 03/31/2023
Number of Days to Update: 24
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/07/2023
Next Scheduled EDR Contact: 06/19/2023
Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003
Date Data Arrived at EDR: 04/07/2003
Date Made Active in Reports: 04/25/2003
Number of Days to Update: 18
Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30
Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: No Update Planned

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006
Date Data Arrived at EDR: 05/18/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 28
Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004
Date Data Arrived at EDR: 11/18/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 47
Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005
Date Data Arrived at EDR: 04/05/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 16
Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005
Date Data Arrived at EDR: 05/25/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 6L: SLIC Sites
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004
Date Data Arrived at EDR: 11/29/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008
Date Data Arrived at EDR: 04/03/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 11

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007
Date Data Arrived at EDR: 09/11/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 17

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 08/08/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: No Update Planned

Lists of state and tribal registered storage tanks

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 10/14/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 02/01/2022
Number of Days to Update: 88

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 03/29/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Varies

MILITARY UST SITES: Military UST Sites (GEOTRACKER)
Military ust sites

Date of Government Version: 03/06/2023
Date Data Arrived at EDR: 03/07/2023
Date Made Active in Reports: 03/31/2023
Number of Days to Update: 24

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/07/2023
Next Scheduled EDR Contact: 06/19/2023
Data Release Frequency: Varies

UST CLOSURE: Proposed Closure of Underground Storage Tank (UST) Cases
UST cases that are being considered for closure by either the State Water Resources Control Board or the Executive Director have been posted for a 60-day public comment period. UST Case Closures being proposed for consideration by the State Water Resources Control Board. These are primarily UST cases that meet closure criteria under the decisional framework in State Water Board Resolution No. 92-49 and other Board orders. UST Case Closures proposed for consideration by the Executive Director pursuant to State Water Board Resolution No. 2012-0061. These are cases that meet the criteria of the Low-Threat UST Case Closure Policy. UST Case Closure Review Denials and Approved Orders.

Date of Government Version: 11/28/2022
Date Data Arrived at EDR: 12/02/2022
Date Made Active in Reports: 02/23/2023
Number of Days to Update: 83

Source: State Water Resources Control Board
Telephone: 916-327-7844
Last EDR Contact: 03/07/2023
Next Scheduled EDR Contact: 06/19/2023
Data Release Frequency: Varies

UST: Active UST Facilities
Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 12/02/2022
Date Data Arrived at EDR: 12/02/2022
Date Made Active in Reports: 02/22/2023
Number of Days to Update: 82

Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 03/07/2023
Next Scheduled EDR Contact: 06/19/2023
Data Release Frequency: Semi-Annually

AST: Aboveground Petroleum Storage Tank Facilities
A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 07/06/2016
Date Data Arrived at EDR: 07/12/2016
Date Made Active in Reports: 09/19/2016
Number of Days to Update: 69

Source: California Environmental Protection Agency
Telephone: 916-327-5092
Last EDR Contact: 03/09/2023
Next Scheduled EDR Contact: 06/26/2023
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 11/23/2022
Date Data Arrived at EDR: 12/06/2022
Date Made Active in Reports: 03/03/2023
Number of Days to Update: 87

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 01/17/2023
Next Scheduled EDR Contact: 05/01/2023
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 10/14/2022
Date Data Arrived at EDR: 12/06/2022
Date Made Active in Reports: 03/03/2023
Number of Days to Update: 87

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 01/17/2023
Next Scheduled EDR Contact: 05/01/2023
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 10/19/2022
Date Data Arrived at EDR: 12/06/2022
Date Made Active in Reports: 03/03/2023
Number of Days to Update: 87

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 01/17/2023
Next Scheduled EDR Contact: 05/01/2023
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 10/14/2022
Date Data Arrived at EDR: 12/06/2022
Date Made Active in Reports: 03/03/2023
Number of Days to Update: 87

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 01/17/2023
Next Scheduled EDR Contact: 05/01/2023
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 11/23/2022
Date Data Arrived at EDR: 12/06/2022
Date Made Active in Reports: 03/03/2023
Number of Days to Update: 87

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 01/17/2023
Next Scheduled EDR Contact: 05/01/2023
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 11/23/2022
Date Data Arrived at EDR: 12/06/2022
Date Made Active in Reports: 03/03/2023
Number of Days to Update: 87

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 01/17/2023
Next Scheduled EDR Contact: 05/01/2023
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 11/23/2022
Date Data Arrived at EDR: 12/06/2022
Date Made Active in Reports: 03/03/2023
Number of Days to Update: 87

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 01/17/2023
Next Scheduled EDR Contact: 05/01/2023
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 04/20/2022
Date Data Arrived at EDR: 06/13/2022
Date Made Active in Reports: 08/16/2022
Number of Days to Update: 64

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 01/17/2023
Next Scheduled EDR Contact: 05/01/2023
Data Release Frequency: Varies

Lists of state and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27
Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 07/08/2021
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

VCP: Voluntary Cleanup Program Properties
Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 10/24/2022
Date Data Arrived at EDR: 10/24/2022
Date Made Active in Reports: 01/12/2023
Number of Days to Update: 80
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/24/2023
Next Scheduled EDR Contact: 05/08/2023
Data Release Frequency: Quarterly

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142
Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 03/17/2023
Next Scheduled EDR Contact: 07/03/2023
Data Release Frequency: Varies

Lists of state and tribal brownfield sites

BROWNFIELDS: Considered Brownfieds Sites Listing
A listing of sites the SWRCB considers to be Brownfields since these are sites have come to them through the MOA Process.

Date of Government Version: 12/14/2022
Date Data Arrived at EDR: 12/14/2022
Date Made Active in Reports: 03/07/2023
Number of Days to Update: 83
Source: State Water Resources Control Board
Telephone: 916-323-7905
Last EDR Contact: 03/21/2023
Next Scheduled EDR Contact: 07/03/2023
Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites
Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 02/23/2022
Date Data Arrived at EDR: 03/10/2022
Date Made Active in Reports: 03/10/2022
Number of Days to Update: 0
Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 04/04/2023
Next Scheduled EDR Contact: 06/26/2023
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT: Waste Management Unit Database

Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/2000
Date Data Arrived at EDR: 04/10/2000
Date Made Active in Reports: 05/10/2000
Number of Days to Update: 30

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 01/20/2023
Next Scheduled EDR Contact: 05/08/2023
Data Release Frequency: No Update Planned

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 12/02/2022
Date Data Arrived at EDR: 12/02/2022
Date Made Active in Reports: 02/22/2023
Number of Days to Update: 82

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 03/07/2023
Next Scheduled EDR Contact: 06/19/2023
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

Date of Government Version: 11/16/2022
Date Data Arrived at EDR: 11/22/2022
Date Made Active in Reports: 02/13/2023
Number of Days to Update: 83

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 02/15/2023
Next Scheduled EDR Contact: 05/22/2023
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 01/20/2023
Next Scheduled EDR Contact: 05/08/2023
Data Release Frequency: Varies

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 01/13/2023
Next Scheduled EDR Contact: 05/01/2023
Data Release Frequency: No Update Planned

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land
A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176
Source: Department of Health & Human Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 01/27/2023
Next Scheduled EDR Contact: 05/08/2023
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register
A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 01/06/2023
Date Data Arrived at EDR: 02/02/2023
Date Made Active in Reports: 02/10/2023
Number of Days to Update: 8
Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 02/02/2023
Next Scheduled EDR Contact: 06/05/2023
Data Release Frequency: No Update Planned

HIST CAL-SITES: Calsites Database
The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/03/2006
Date Made Active in Reports: 08/24/2006
Number of Days to Update: 21
Source: Department of Toxic Substance Control
Telephone: 916-323-3400
Last EDR Contact: 02/23/2009
Next Scheduled EDR Contact: 05/25/2009
Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program
This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 10/24/2022
Date Data Arrived at EDR: 10/24/2022
Date Made Active in Reports: 01/12/2023
Number of Days to Update: 80
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/24/2023
Next Scheduled EDR Contact: 05/08/2023
Data Release Frequency: Quarterly

CDL: Clandestine Drug Labs
A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 11/30/2022
Date Made Active in Reports: 02/09/2023
Number of Days to Update: 71
Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 03/22/2023
Next Scheduled EDR Contact: 05/15/2023
Data Release Frequency: Varies

TOXIC PITS: Toxic Pits Cleanup Act Sites
Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995
Date Data Arrived at EDR: 08/30/1995
Date Made Active in Reports: 09/26/1995
Number of Days to Update: 27
Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 01/26/2009
Next Scheduled EDR Contact: 04/27/2009
Data Release Frequency: No Update Planned

CERS HAZ WASTE: CERS HAZ WASTE
List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

Date of Government Version: 01/05/2023
Date Data Arrived at EDR: 01/06/2023
Date Made Active in Reports: 01/11/2023
Number of Days to Update: 5
Source: CalEPA
Telephone: 916-323-2514
Last EDR Contact: 01/06/2023
Next Scheduled EDR Contact: 05/01/2023
Data Release Frequency: Quarterly

US CDL: Clandestine Drug Labs
A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 01/06/2023
Date Data Arrived at EDR: 02/02/2023
Date Made Active in Reports: 02/10/2023
Number of Days to Update: 8
Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 02/02/2023
Next Scheduled EDR Contact: 06/05/2023
Data Release Frequency: Quarterly

Local Lists of Registered Storage Tanks

SWEEPS UST: SWEEPS UST Listing
Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

Date of Government Version: 06/01/1994
Date Data Arrived at EDR: 07/07/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 35
Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/03/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

HIST UST: Hazardous Substance Storage Container Database
The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990
Date Data Arrived at EDR: 01/25/1991
Date Made Active in Reports: 02/12/1991
Number of Days to Update: 18
Source: State Water Resources Control Board
Telephone: 916-341-5851
Last EDR Contact: 07/26/2001
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SAN FRANCISCO AST: Aboveground Storage Tank Site Listing
Aboveground storage tank sites

Date of Government Version: 11/03/2022
Date Data Arrived at EDR: 11/07/2022
Date Made Active in Reports: 01/24/2023
Number of Days to Update: 78
Source: San Francisco County Department of Public Health
Telephone: 415-252-3896
Last EDR Contact: 01/27/2023
Next Scheduled EDR Contact: 05/15/2023
Data Release Frequency: Varies

CERS TANKS: California Environmental Reporting System (CERS) Tanks
List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs.

Date of Government Version: 01/06/2023
Date Data Arrived at EDR: 01/06/2023
Date Made Active in Reports: 01/11/2023
Number of Days to Update: 5

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 10/17/2022
Next Scheduled EDR Contact: 05/01/2023
Data Release Frequency: Quarterly

CA FID UST: Facility Inventory Database

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24

Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Local Land Records

LIENS: Environmental Liens Listing

A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 02/23/2023
Date Data Arrived at EDR: 02/24/2023
Date Made Active in Reports: 03/23/2023
Number of Days to Update: 27

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 02/23/2023
Next Scheduled EDR Contact: 06/12/2023
Data Release Frequency: Varies

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 01/25/2023
Date Data Arrived at EDR: 02/02/2023
Date Made Active in Reports: 02/28/2023
Number of Days to Update: 26

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 04/03/2023
Next Scheduled EDR Contact: 07/10/2023
Data Release Frequency: Semi-Annually

DEED: Deed Restriction Listing

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 11/28/2022
Date Data Arrived at EDR: 11/29/2022
Date Made Active in Reports: 02/13/2023
Number of Days to Update: 76

Source: DTSC and SWRCB
Telephone: 916-323-3400
Last EDR Contact: 02/28/2023
Next Scheduled EDR Contact: 06/12/2023
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System
Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 12/13/2022
Date Data Arrived at EDR: 12/14/2022
Date Made Active in Reports: 03/10/2023
Number of Days to Update: 86
Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 03/21/2023
Next Scheduled EDR Contact: 07/03/2023
Data Release Frequency: Quarterly

CHMIRS: California Hazardous Material Incident Report System
California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 08/02/2022
Date Data Arrived at EDR: 10/17/2022
Date Made Active in Reports: 01/04/2023
Number of Days to Update: 79
Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 01/20/2023
Next Scheduled EDR Contact: 05/01/2023
Data Release Frequency: Semi-Annually

LDS: Land Disposal Sites Listing (GEOTRACKER)
Land Disposal sites (Landfills) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 03/06/2023
Date Data Arrived at EDR: 03/07/2023
Date Made Active in Reports: 03/30/2023
Number of Days to Update: 23
Source: State Water Qualilty Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/07/2023
Next Scheduled EDR Contact: 06/19/2023
Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing (GEOTRACKER)
Military sites (consisting of: Military UST sites; Military Privatized sites; and Military Cleanup sites [formerly known as DoD non UST]) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 03/06/2023
Date Data Arrived at EDR: 03/07/2023
Date Made Active in Reports: 03/31/2023
Number of Days to Update: 24
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/07/2023
Next Scheduled EDR Contact: 06/19/2023
Data Release Frequency: Quarterly

SPILLS 90: SPILLS90 data from FirstSearch
Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 06/06/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/22/2013
Number of Days to Update: 50
Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated
RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 03/06/2023
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 03/20/2023
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/09/2023
Next Scheduled EDR Contact: 07/03/2023
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 11/01/2022
Date Data Arrived at EDR: 11/10/2022
Date Made Active in Reports: 02/09/2023
Number of Days to Update: 91

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 02/14/2023
Next Scheduled EDR Contact: 05/29/2023
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 06/07/2021
Date Data Arrived at EDR: 07/13/2021
Date Made Active in Reports: 03/09/2022
Number of Days to Update: 239

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 01/13/2023
Next Scheduled EDR Contact: 04/24/2023
Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/11/2018
Date Made Active in Reports: 11/06/2019
Number of Days to Update: 574

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 04/03/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 07/30/2021
Date Data Arrived at EDR: 02/03/2023
Date Made Active in Reports: 02/10/2023
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 02/02/2023
Next Scheduled EDR Contact: 05/22/2023
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 12/13/2022
Date Data Arrived at EDR: 12/14/2022
Date Made Active in Reports: 03/10/2023
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 03/21/2023
Next Scheduled EDR Contact: 07/03/2023
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 01/30/2023
Next Scheduled EDR Contact: 05/15/2023
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 02/03/2023
Next Scheduled EDR Contact: 05/15/2023
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 06/14/2022
Date Made Active in Reports: 03/24/2023
Number of Days to Update: 283

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 03/13/2023
Next Scheduled EDR Contact: 06/26/2023
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2021
Date Data Arrived at EDR: 11/01/2022
Date Made Active in Reports: 02/09/2023
Number of Days to Update: 100

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 02/16/2023
Next Scheduled EDR Contact: 05/29/2023
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 10/17/2022
Date Data Arrived at EDR: 10/18/2022
Date Made Active in Reports: 01/10/2023
Number of Days to Update: 84

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 01/18/2023
Next Scheduled EDR Contact: 05/01/2023
Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 01/25/2023
Date Data Arrived at EDR: 02/02/2023
Date Made Active in Reports: 02/28/2023
Number of Days to Update: 26

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 04/03/2023
Next Scheduled EDR Contact: 06/12/2023
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 04/27/2022
Date Data Arrived at EDR: 05/04/2022
Date Made Active in Reports: 05/10/2022
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 01/17/2023
Next Scheduled EDR Contact: 05/01/2023
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/27/2022
Date Data Arrived at EDR: 11/01/2022
Date Made Active in Reports: 11/15/2022
Number of Days to Update: 14

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 04/03/2023
Next Scheduled EDR Contact: 05/15/2023
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 11/03/2022
Date Data Arrived at EDR: 01/04/2023
Date Made Active in Reports: 04/03/2023
Number of Days to Update: 89

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 04/04/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 03/29/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 10/26/2022
Date Data Arrived at EDR: 11/22/2022
Date Made Active in Reports: 12/05/2022
Number of Days to Update: 13

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 01/17/2023
Next Scheduled EDR Contact: 05/01/2023
Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 11/30/2021
Date Made Active in Reports: 02/22/2022
Number of Days to Update: 84

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 03/03/2023
Next Scheduled EDR Contact: 06/12/2023
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 01/12/2017
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 251

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 02/27/2023
Next Scheduled EDR Contact: 06/12/2023
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 09/13/2019
Date Data Arrived at EDR: 11/06/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 96
Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 02/03/2023
Next Scheduled EDR Contact: 05/15/2023
Data Release Frequency: Varies

RADINFO: Radiation Information Database
The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/01/2019
Date Data Arrived at EDR: 07/01/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 84
Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 03/23/2023
Next Scheduled EDR Contact: 07/10/2023
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing
A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing
A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data
Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/02/2020
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/17/2020
Number of Days to Update: 80
Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 01/24/2023
Next Scheduled EDR Contact: 05/08/2023
Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees
Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 09/30/2022
Date Data Arrived at EDR: 10/21/2022
Date Made Active in Reports: 01/10/2023
Number of Days to Update: 81

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 04/03/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2021
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 03/20/2023
Number of Days to Update: 11

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 03/09/2023
Next Scheduled EDR Contact: 07/03/2023
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 04/06/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 07/26/2021
Date Data Arrived at EDR: 07/27/2021
Date Made Active in Reports: 10/22/2021
Number of Days to Update: 87

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 01/30/2023
Next Scheduled EDR Contact: 05/15/2023
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 08/30/2019
Date Data Arrived at EDR: 11/15/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 74

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 02/13/2023
Next Scheduled EDR Contact: 05/29/2023
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 01/25/2023
Date Data Arrived at EDR: 02/02/2023
Date Made Active in Reports: 02/28/2023
Number of Days to Update: 26

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 04/03/2023
Next Scheduled EDR Contact: 07/10/2023
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

MINES VIOLATIONS: MSHA Violation Assessment Data

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 02/27/2023
Date Data Arrived at EDR: 03/01/2023
Date Made Active in Reports: 03/24/2023
Number of Days to Update: 23

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 04/04/2023
Next Scheduled EDR Contact: 06/12/2023
Data Release Frequency: Quarterly

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 11/07/2022
Date Data Arrived at EDR: 11/17/2022
Date Made Active in Reports: 02/10/2023
Number of Days to Update: 85

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 02/22/2023
Next Scheduled EDR Contact: 06/05/2023
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 05/06/2020
Date Data Arrived at EDR: 05/27/2020
Date Made Active in Reports: 08/13/2020
Number of Days to Update: 78

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 02/24/2023
Next Scheduled EDR Contact: 06/05/2023
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 02/24/2023
Next Scheduled EDR Contact: 06/05/2023
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 12/20/2022
Date Data Arrived at EDR: 12/20/2022
Date Made Active in Reports: 03/10/2023
Number of Days to Update: 80

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 03/16/2023
Next Scheduled EDR Contact: 06/19/2023
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 02/02/2023
Date Data Arrived at EDR: 02/28/2023
Date Made Active in Reports: 03/24/2023
Number of Days to Update: 24

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 02/28/2023
Next Scheduled EDR Contact: 06/12/2023
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 11/09/2021
Date Data Arrived at EDR: 10/20/2022
Date Made Active in Reports: 01/10/2023
Number of Days to Update: 82

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 04/06/2023
Next Scheduled EDR Contact: 07/24/2023
Data Release Frequency: Varies

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/06/2021
Date Data Arrived at EDR: 05/21/2021
Date Made Active in Reports: 08/11/2021
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 02/24/2023
Next Scheduled EDR Contact: 06/05/2023
Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 01/01/2023
Date Data Arrived at EDR: 01/04/2023
Date Made Active in Reports: 04/03/2023
Number of Days to Update: 89

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 03/31/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Quarterly

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 11/10/2022
Date Data Arrived at EDR: 11/10/2022
Date Made Active in Reports: 02/09/2023
Number of Days to Update: 91

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 02/14/2023
Next Scheduled EDR Contact: 05/29/2023
Data Release Frequency: Quarterly

PFAS NPL: Superfund Sites with PFAS Detections Information

EPA's Office of Land and Emergency Management and EPA Regional Offices maintain data describing what is known about site investigations, contamination, and remedial actions under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) where PFAS is present in the environment.

Date of Government Version: 02/23/2022
Date Data Arrived at EDR: 07/08/2022
Date Made Active in Reports: 11/08/2022
Number of Days to Update: 123

Source: Environmental Protection Agency
Telephone: 703-603-8895
Last EDR Contact: 04/04/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Varies

PFAS FEDERAL SITES: Federal Sites PFAS Information

Several federal entities, such as the federal Superfund program, Department of Defense, National Aeronautics and Space Administration, Department of Transportation, and Department of Energy provided information for sites with known or suspected detections at federal facilities.

Date of Government Version: 02/23/2022
Date Data Arrived at EDR: 03/31/2022
Date Made Active in Reports: 11/08/2022
Number of Days to Update: 222

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 03/30/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Varies

PFAS TSCA: PFAS Manufacture and Imports Information

EPA issued the Chemical Data Reporting (CDR) Rule under the Toxic Substances Control Act (TSCA) and requires chemical manufacturers and facilities that manufacture or import chemical substances to report data to EPA. EPA publishes non-confidential business information (non-CBI) and includes descriptive information about each site, corporate parent, production volume, other manufacturing information, and processing and use information.

Date of Government Version: 01/03/2022
Date Data Arrived at EDR: 03/31/2022
Date Made Active in Reports: 11/08/2022
Number of Days to Update: 222

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 03/30/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Varies

PFAS RCRA MANIFEST: PFAS Transfers Identified In the RCRA Database Listing

To work around the lack of PFAS waste codes in the RCRA database, EPA developed the PFAS Transfers dataset by mining e-Manifest records containing at least one of these common PFAS keywords: PFAS, PFOA, PFOS, PERFL, AFFF, GENX, GEN-X (plus the VT waste codes). These keywords were searched for in the following text fields: Manifest handling instructions (MANIFEST_HANDLING_INSTR), Non-hazardous waste description (NON_HAZ_WASTE_DESCRIPTION), DOT printed information (DOT_PRINTED_INFORMATION), Waste line handling instructions (WASTE_LINE_HANDLING_INSTR), Waste residue comments (WASTE_RESIDUE_COMMENTS).

Date of Government Version: 01/03/2022
Date Data Arrived at EDR: 03/31/2022
Date Made Active in Reports: 11/08/2022
Number of Days to Update: 222

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 03/30/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Varies

PFAS ATSDR: PFAS Contamination Site Location Listing

PFAS contamination site locations from the Department of Health & Human Services, Center for Disease Control & Prevention. ATSDR is involved at a number of PFAS-related sites, either directly or through assisting state and federal partners. As of now, most sites are related to drinking water contamination connected with PFAS production facilities or fire training areas where aqueous film-forming firefighting foam (AFFF) was regularly used.

Date of Government Version: 06/24/2020
Date Data Arrived at EDR: 03/17/2021
Date Made Active in Reports: 11/08/2022
Number of Days to Update: 601

Source: Department of Health & Human Services
Telephone: 202-741-5770
Last EDR Contact: 01/23/2023
Next Scheduled EDR Contact: 05/08/2023
Data Release Frequency: Varies

PFAS WQP: Ambient Environmental Sampling for PFAS

The Water Quality Portal (WQP) is a part of a modernized repository storing ambient sampling data for all environmental media and tissue samples. A wide range of federal, state, tribal and local governments, academic and non-governmental organizations and individuals submit project details and sampling results to this public repository. The information is commonly used for research and assessments of environmental quality.

Date of Government Version: 01/03/2022
Date Data Arrived at EDR: 03/31/2022
Date Made Active in Reports: 11/08/2022
Number of Days to Update: 222

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 03/30/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Varies

PFAS NPDES: Clean Water Act Discharge Monitoring Information

Any discharger of pollutants to waters of the United States from a point source must have a National Pollutant Discharge Elimination System (NPDES) permit. The process for obtaining limits involves the regulated entity (permittee) disclosing releases in a NPDES permit application and the permitting authority (typically the state but sometimes EPA) deciding whether to require monitoring or monitoring with limits.

Date of Government Version: 01/03/2022
Date Data Arrived at EDR: 03/31/2022
Date Made Active in Reports: 11/08/2022
Number of Days to Update: 222

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 03/30/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Varies

PFAS ECHO: Facilities in Industries that May Be Handling PFAS Listing

Regulators and the public have expressed interest in knowing which regulated entities may be using PFAS. EPA has developed a dataset from various sources that show which industries may be handling PFAS. Approximately 120,000 facilities subject to federal environmental programs have operated or currently operate in industry sectors with processes that may involve handling and/or release of PFAS.

Date of Government Version: 03/30/2023
Date Data Arrived at EDR: 03/30/2023
Date Made Active in Reports: 04/03/2023
Number of Days to Update: 4

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 03/30/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Varies

PFAS ECHO FIRE TRAINING: Facilities in Industries that May Be Handling PFAS Listing

A list of fire training sites was added to the Industry Sectors dataset using a keyword search on the permitted facilitys name to identify sites where fire-fighting foam may have been used in training exercises. Additionally, you may view an example spreadsheet of the subset of fire training facility data, as well as the keywords used in selecting or deselecting a facility for the subset. as well as the keywords used in selecting or deselecting a facility for the subset. These keywords were tested to maximize accuracy in selecting facilities that may use fire-fighting foam in training exercises, however, due to the lack of a required reporting field in the data systems for designating fire training sites, this methodology may not identify all fire training sites or may potentially misidentify them.

Date of Government Version: 03/30/2023
Date Data Arrived at EDR: 03/30/2023
Date Made Active in Reports: 04/03/2023
Number of Days to Update: 4

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 03/30/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Varies

PFAS PART 139 AIRPORT: All Certified Part 139 Airports PFAS Information Listing

Since July 1, 2006, all certified part 139 airports are required to have fire-fighting foam onsite that meet military specifications (MIL-F-24385) (14 CFR 139.317). To date, these military specification fire-fighting foams are fluorinated and have been historically used for training and extinguishing. The 2018 FAA Reauthorization Act has a provision stating that no later than October 2021, FAA shall not require the use of fluorinated AFFF. This provision does not prohibit the use of fluorinated AFFF at Part 139 civilian airports; it only prohibits FAA from mandating its use. The Federal Aviation Administration?s document AC 150/5210-6D - Aircraft Fire Extinguishing Agents provides guidance on Aircraft Fire Extinguishing Agents, which includes Aqueous Film Forming Foam (AFFF).

Date of Government Version: 03/30/2023
Date Data Arrived at EDR: 03/30/2023
Date Made Active in Reports: 04/03/2023
Number of Days to Update: 4

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 03/30/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Varies

AQUEOUS FOAM NRC: Aqueous Foam Related Incidents Listing

The National Response Center (NRC) serves as an emergency call center that fields initial reports for pollution and railroad incidents and forwards that information to appropriate federal/state agencies for response. The spreadsheets posted to the NRC website contain initial incident data that has not been validated or investigated by a federal/state response agency. Response center calls from 1990 to the most recent complete calendar year where there was indication of Aqueous Film Forming Foam (AFFF) usage are included in this dataset. NRC calls may reference AFFF usage in the ?Material Involved? or ?Incident Description? fields.

Date of Government Version: 01/02/2023
Date Data Arrived at EDR: 01/05/2023
Date Made Active in Reports: 04/03/2023
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 03/30/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Varies

PFAS: PFAS Contamination Site Location Listing

A listing of PFAS contaminated sites included in the GeoTracker database.

Date of Government Version: 12/02/2022
Date Data Arrived at EDR: 12/02/2022
Date Made Active in Reports: 02/23/2023
Number of Days to Update: 83

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/07/2023
Next Scheduled EDR Contact: 06/19/2023
Data Release Frequency: Varies

AQUEOUS FOAM: Former Fire Training Facility Assessments Listing

Airports shown on this list are those believed to use Aqueous Film Forming Foam (AFFF), and certified by the Federal Aviation Administration (FAA) under Title 14, Code of Federal Regulations (CFR), Part 139 (14 CFR Part 139). This list was created by SWRCB using information available from the FAA. Location points shown are from the latitude and longitude listed on the FAA airport master record.

Date of Government Version: 09/06/2022
Date Data Arrived at EDR: 09/06/2022
Date Made Active in Reports: 10/26/2022
Number of Days to Update: 50

Source: State Water Resources Control Board
Telephone: 916-341-5455
Last EDR Contact: 03/07/2023
Next Scheduled EDR Contact: 06/19/2023
Data Release Frequency: Varies

CA BOND EXP. PLAN: Bond Expenditure Plan

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989
Date Data Arrived at EDR: 07/27/1994
Date Made Active in Reports: 08/02/1994
Number of Days to Update: 6

Source: Department of Health Services
Telephone: 916-255-2118
Last EDR Contact: 05/31/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CORTESE: "Cortese" Hazardous Waste & Substances Sites List
The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 12/14/2022
Date Data Arrived at EDR: 12/14/2022
Date Made Active in Reports: 03/07/2023
Number of Days to Update: 83
Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 03/21/2023
Next Scheduled EDR Contact: 07/03/2023
Data Release Frequency: Quarterly

CUPA LIVERMORE-PLEASANTON: CUPA Facility Listing
list of facilities associated with the various CUPA programs in Livermore-Pleasanton

Date of Government Version: 12/07/2021
Date Data Arrived at EDR: 05/09/2022
Date Made Active in Reports: 05/17/2022
Number of Days to Update: 8
Source: Livermore-Pleasanton Fire Department
Telephone: 925-454-2361
Last EDR Contact: 02/10/2023
Next Scheduled EDR Contact: 05/22/2023
Data Release Frequency: Varies

DRYCLEAN SOUTH COAST: South Coast Air Quality Management District Drycleaner Listing
A listing of dry cleaners in the South Coast Air Quality Management District

Date of Government Version: 11/17/2022
Date Data Arrived at EDR: 11/30/2022
Date Made Active in Reports: 02/14/2023
Number of Days to Update: 76
Source: South Coast Air Quality Management District
Telephone: 909-396-3211
Last EDR Contact: 02/15/2023
Next Scheduled EDR Contact: 06/05/2023
Data Release Frequency: Varies

DRYCLEANERS: Cleaner Facilities
A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 08/27/2021
Date Data Arrived at EDR: 09/01/2021
Date Made Active in Reports: 11/19/2021
Number of Days to Update: 79
Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 01/24/2023
Next Scheduled EDR Contact: 06/12/2023
Data Release Frequency: Annually

DRYCLEAN AVAQMD: Antelope Valley Air Quality Management District Drycleaner Listing
A listing of dry cleaners in the Antelope Valley Air Quality Management District.

Date of Government Version: 11/14/2022
Date Data Arrived at EDR: 11/14/2022
Date Made Active in Reports: 02/01/2023
Number of Days to Update: 79
Source: Antelope Valley Air Quality Management District
Telephone: 661-723-8070
Last EDR Contact: 02/23/2023
Next Scheduled EDR Contact: 06/12/2023
Data Release Frequency: Varies

EMI: Emissions Inventory Data
Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 06/13/2022
Date Made Active in Reports: 08/30/2022
Number of Days to Update: 78
Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 03/16/2023
Next Scheduled EDR Contact: 06/26/2023
Data Release Frequency: Varies

ENF: Enforcement Action Listing
A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 01/10/2023
Date Data Arrived at EDR: 01/18/2023
Date Made Active in Reports: 04/04/2023
Number of Days to Update: 76

Source: State Water Resoruces Control Board
Telephone: 916-445-9379
Last EDR Contact: 01/18/2023
Next Scheduled EDR Contact: 05/01/2023
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 01/11/2023
Date Data Arrived at EDR: 01/17/2023
Date Made Active in Reports: 04/04/2023
Number of Days to Update: 77

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 01/13/2023
Next Scheduled EDR Contact: 05/01/2023
Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing

A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 11/08/2022
Date Data Arrived at EDR: 11/23/2022
Date Made Active in Reports: 02/13/2023
Number of Days to Update: 82

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 02/03/2023
Next Scheduled EDR Contact: 05/22/2023
Data Release Frequency: Varies

ICE: ICE

Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 11/10/2022
Date Data Arrived at EDR: 11/10/2022
Date Made Active in Reports: 02/01/2023
Number of Days to Update: 83

Source: Department of Toxic Subsances Control
Telephone: 877-786-9427
Last EDR Contact: 02/14/2023
Next Scheduled EDR Contact: 05/29/2023
Data Release Frequency: Quarterly

HIST CORTESE: Hazardous Waste & Substance Site List

The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 01/22/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

HWP: EnviroStor Permitted Facilities Listing

Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 11/10/2022
Date Data Arrived at EDR: 11/10/2022
Date Made Active in Reports: 02/01/2023
Number of Days to Update: 83

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 02/14/2023
Next Scheduled EDR Contact: 05/29/2023
Data Release Frequency: Quarterly

HWT: Registered Hazardous Waste Transporter Database

A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 01/03/2023
Date Data Arrived at EDR: 01/04/2023
Date Made Active in Reports: 03/21/2023
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 04/04/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Quarterly

HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method. This database begins with calendar year 1993.

Date of Government Version: 12/31/2021
Date Data Arrived at EDR: 07/05/2022
Date Made Active in Reports: 09/19/2022
Number of Days to Update: 76

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 04/06/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Annually

MINES: Mines Site Location Listing

A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 12/02/2022
Date Data Arrived at EDR: 12/02/2022
Date Made Active in Reports: 02/22/2023
Number of Days to Update: 82

Source: Department of Conservation
Telephone: 916-322-1080
Last EDR Contact: 03/07/2023
Next Scheduled EDR Contact: 06/19/2023
Data Release Frequency: Quarterly

MWMP: Medical Waste Management Program Listing

The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 10/31/2022
Date Data Arrived at EDR: 11/29/2022
Date Made Active in Reports: 02/14/2023
Number of Days to Update: 77

Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 02/28/2023
Next Scheduled EDR Contact: 06/12/2023
Data Release Frequency: Varies

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 11/03/2022
Date Data Arrived at EDR: 11/03/2022
Date Made Active in Reports: 01/25/2023
Number of Days to Update: 83

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 02/07/2023
Next Scheduled EDR Contact: 05/22/2023
Data Release Frequency: Quarterly

PEST LIC: Pesticide Regulation Licenses Listing

A listing of licenses and certificates issued by the Department of Pesticide Regulation. The DPR issues licenses and/or certificates to: Persons and businesses that apply or sell pesticides; Pest control dealers and brokers; Persons who advise on agricultural pesticide applications.

Date of Government Version: 11/28/2022
Date Data Arrived at EDR: 11/29/2022
Date Made Active in Reports: 02/14/2023
Number of Days to Update: 77

Source: Department of Pesticide Regulation
Telephone: 916-445-4038
Last EDR Contact: 02/28/2023
Next Scheduled EDR Contact: 06/12/2023
Data Release Frequency: Quarterly

PROC: Certified Processors Database
A listing of certified processors.

Date of Government Version: 03/06/2023
Date Data Arrived at EDR: 03/07/2023
Date Made Active in Reports: 03/31/2023
Number of Days to Update: 24
Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 03/07/2023
Next Scheduled EDR Contact: 06/19/2023
Data Release Frequency: Quarterly

NOTIFY 65: Proposition 65 Records
Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

Date of Government Version: 12/07/2022
Date Data Arrived at EDR: 12/07/2022
Date Made Active in Reports: 03/01/2023
Number of Days to Update: 84
Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 03/09/2023
Next Scheduled EDR Contact: 06/26/2023
Data Release Frequency: No Update Planned

SAN JOSE HAZMAT: Hazardous Material Facilities
Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 11/03/2020
Date Data Arrived at EDR: 11/05/2020
Date Made Active in Reports: 01/26/2021
Number of Days to Update: 82
Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 01/27/2023
Next Scheduled EDR Contact: 05/15/2023
Data Release Frequency: Annually

UIC: UIC Listing
A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 03/06/2023
Date Data Arrived at EDR: 03/07/2023
Date Made Active in Reports: 03/31/2023
Number of Days to Update: 24
Source: Deaprtment of Conservation
Telephone: 916-445-2408
Last EDR Contact: 03/07/2023
Next Scheduled EDR Contact: 06/19/2023
Data Release Frequency: Varies

UIC GEO: Underground Injection Control Sites (GEOTRACKER)
Underground control injection sites

Date of Government Version: 03/06/2023
Date Data Arrived at EDR: 03/07/2023
Date Made Active in Reports: 03/31/2023
Number of Days to Update: 24
Source: State Water Resource Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/07/2023
Next Scheduled EDR Contact: 06/19/2023
Data Release Frequency: Varies

WASTEWATER PITS: Oil Wastewater Pits Listing
Water officials discovered that oil producers have been dumping chemical-laden wastewater into hundreds of unlined pits that are operating without proper permits. Inspections completed by the Central Valley Regional Water Quality Control Board revealed the existence of previously unidentified waste sites. The water boards review found that more than one-third of the region's active disposal pits are operating without permission.

Date of Government Version: 02/11/2021
Date Data Arrived at EDR: 07/01/2021
Date Made Active in Reports: 09/29/2021
Number of Days to Update: 90
Source: RWQCB, Central Valley Region
Telephone: 559-445-5577
Last EDR Contact: 04/06/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Varies

WDS: Waste Discharge System
Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 9

Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 02/13/2023
Next Scheduled EDR Contact: 05/29/2023
Data Release Frequency: No Update Planned

WIP: Well Investigation Program Case List
Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009
Date Data Arrived at EDR: 07/21/2009
Date Made Active in Reports: 08/03/2009
Number of Days to Update: 13

Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 03/16/2023
Next Scheduled EDR Contact: 07/03/2023
Data Release Frequency: No Update Planned

MILITARY PRIV SITES: Military Privatized Sites (GEOTRACKER)
Military privatized sites

Date of Government Version: 03/06/2023
Date Data Arrived at EDR: 03/07/2023
Date Made Active in Reports: 03/31/2023
Number of Days to Update: 24

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/07/2023
Next Scheduled EDR Contact: 06/19/2023
Data Release Frequency: Varies

PROJECT: Project Sites (GEOTRACKER)
Projects sites

Date of Government Version: 03/06/2023
Date Data Arrived at EDR: 03/07/2023
Date Made Active in Reports: 03/31/2023
Number of Days to Update: 24

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/07/2023
Next Scheduled EDR Contact: 06/19/2023
Data Release Frequency: Varies

WDR: Waste Discharge Requirements Listing
In general, the Waste Discharge Requirements (WDRs) Program (sometimes also referred to as the "Non Chapter 15 (Non 15) Program") regulates point discharges that are exempt pursuant to Subsection 20090 of Title 27 and not subject to the Federal Water Pollution Control Act. Exemptions from Title 27 may be granted for nine categories of discharges (e.g., sewage, wastewater, etc.) that meet, and continue to meet, the preconditions listed for each specific exemption. The scope of the WDRs Program also includes the discharge of wastes classified as inert, pursuant to section 20230 of Title 27.

Date of Government Version: 12/02/2022
Date Data Arrived at EDR: 12/02/2022
Date Made Active in Reports: 02/23/2023
Number of Days to Update: 83

Source: State Water Resources Control Board
Telephone: 916-341-5810
Last EDR Contact: 03/07/2023
Next Scheduled EDR Contact: 06/19/2023
Data Release Frequency: Quarterly

CIWQS: California Integrated Water Quality System
The California Integrated Water Quality System (CIWQS) is a computer system used by the State and Regional Water Quality Control Boards to track information about places of environmental interest, manage permits and other orders, track inspections, and manage violations and enforcement activities.

Date of Government Version: 11/28/2022
Date Data Arrived at EDR: 11/29/2022
Date Made Active in Reports: 02/13/2023
Number of Days to Update: 76

Source: State Water Resources Control Board
Telephone: 866-794-4977
Last EDR Contact: 02/28/2023
Next Scheduled EDR Contact: 06/12/2023
Data Release Frequency: Varies

CERS: CalEPA Regulated Site Portal Data
The CalEPA Regulated Site Portal database combines data about environmentally regulated sites and facilities in California into a single database. It combines data from a variety of state and federal databases, and provides an overview of regulated activities across the spectrum of environmental programs for any given location in California. These activities include hazardous materials and waste, state and federal cleanups, impacted ground and surface waters, and toxic materials

Date of Government Version: 01/05/2023
Date Data Arrived at EDR: 01/06/2023
Date Made Active in Reports: 01/10/2023
Number of Days to Update: 4

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 01/06/2023
Next Scheduled EDR Contact: 05/01/2023
Data Release Frequency: Varies

NON-CASE INFO: Non-Case Information Sites (GEOTRACKER)
Non-Case Information sites

Date of Government Version: 03/06/2023
Date Data Arrived at EDR: 03/07/2023
Date Made Active in Reports: 03/31/2023
Number of Days to Update: 24

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/07/2023
Next Scheduled EDR Contact: 06/19/2023
Data Release Frequency: Varies

OTHER OIL GAS: Other Oil & Gas Projects Sites (GEOTRACKER)
Other Oil & Gas Projects sites

Date of Government Version: 03/06/2023
Date Data Arrived at EDR: 03/07/2023
Date Made Active in Reports: 03/31/2023
Number of Days to Update: 24

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/07/2023
Next Scheduled EDR Contact: 06/19/2023
Data Release Frequency: Varies

PROD WATER PONDS: Produced Water Ponds Sites (GEOTRACKER)
Produced water ponds sites

Date of Government Version: 03/06/2023
Date Data Arrived at EDR: 03/07/2023
Date Made Active in Reports: 03/31/2023
Number of Days to Update: 24

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/07/2023
Next Scheduled EDR Contact: 06/19/2023
Data Release Frequency: Varies

SAMPLING POINT: Sampling Point ? Public Sites (GEOTRACKER)
Sampling point - public sites

Date of Government Version: 03/06/2023
Date Data Arrived at EDR: 03/07/2023
Date Made Active in Reports: 03/31/2023
Number of Days to Update: 24

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/07/2023
Next Scheduled EDR Contact: 06/19/2023
Data Release Frequency: Varies

WELL STIM PROJ: Well Stimulation Project (GEOTRACKER)
Includes areas of groundwater monitoring plans, a depiction of the monitoring network, and the facilities, boundaries, and subsurface characteristics of the oilfield and the features (oil and gas wells, produced water ponds, UIC wells, water supply wells, etc?) being monitored

Date of Government Version: 03/06/2023
Date Data Arrived at EDR: 03/07/2023
Date Made Active in Reports: 03/31/2023
Number of Days to Update: 24

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/07/2023
Next Scheduled EDR Contact: 06/19/2023
Data Release Frequency: Varies

PCS INACTIVE: Listing of Inactive PCS Permits
An inactive permit is a facility that has shut down or is no longer discharging.

Date of Government Version: 11/05/2014
Date Data Arrived at EDR: 01/06/2015
Date Made Active in Reports: 05/06/2015
Number of Days to Update: 120

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 03/30/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Semi-Annually

MINES MRDS: Mineral Resources Data System
Mineral Resources Data System

Date of Government Version: 08/23/2022
Date Data Arrived at EDR: 11/22/2022
Date Made Active in Reports: 02/28/2023
Number of Days to Update: 98

Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 02/24/2023
Next Scheduled EDR Contact: 06/05/2023
Data Release Frequency: Varies

PCS ENF: Enforcement data
No description is available for this data

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/06/2015
Number of Days to Update: 29

Source: EPA
Telephone: 202-564-2497
Last EDR Contact: 03/30/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Varies

PCS: Permit Compliance System
PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 07/14/2011
Date Data Arrived at EDR: 08/05/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 55

Source: EPA, Office of Water
Telephone: 202-564-2496
Last EDR Contact: 03/30/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Semi-Annually

PFAS TRIS: List of PFAS Added to the TRI
Section 7321 of the National Defense Authorization Act for Fiscal Year 2020 (NDAA) immediately added certain per- and polyfluoroalkyl substances (PFAS) to the list of chemicals covered by the Toxics Release Inventory (TRI) under Section 313 of the Emergency Planning and Community Right-to-Know Act (EPCRA) and provided a framework for additional PFAS to be added to TRI on an annual basis.

Date of Government Version: 03/07/2023
Date Data Arrived at EDR: 03/07/2023
Date Made Active in Reports: 03/24/2023
Number of Days to Update: 17

Source: Environmental Protection Agency
Telephone: 202-566-0250
Last EDR Contact: 03/30/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Varies

HWTS: Hazardous Waste Tracking System
DTSC maintains the Hazardous Waste Tracking System that stores ID number information since the early 1980s and manifest data since 1993. The system collects both manifest copies from the generator and destination facility.

Date of Government Version: 04/05/2022
Date Data Arrived at EDR: 04/05/2022
Date Made Active in Reports: 04/26/2022
Number of Days to Update: 21

Source: Department of Toxic Substances Control
Telephone: 916-324-2444
Last EDR Contact: 04/03/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants
The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/13/2014
Number of Days to Update: 196

Source: Department of Resources Recycling and Recovery
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

COUNTY RECORDS

ALAMEDA COUNTY:

CS ALAMEDA: Contaminated Sites
A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 01/09/2019
Date Data Arrived at EDR: 01/11/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 53

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 03/29/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Semi-Annually

UST ALAMEDA: Underground Tanks
Underground storage tank sites located in Alameda county.

Date of Government Version: 12/28/2022
Date Data Arrived at EDR: 12/28/2022
Date Made Active in Reports: 03/17/2023
Number of Days to Update: 79

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 03/29/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA AMADOR: CUPA Facility List
Cupa Facility List

Date of Government Version: 07/22/2022
Date Data Arrived at EDR: 07/27/2022
Date Made Active in Reports: 08/01/2022
Number of Days to Update: 5

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 01/27/2023
Next Scheduled EDR Contact: 05/15/2023
Data Release Frequency: Varies

BUTTE COUNTY:

CUPA BUTTE: CUPA Facility Listing
Cupa facility list.

Date of Government Version: 04/21/2017
Date Data Arrived at EDR: 04/25/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 106

Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 03/29/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA CALVERAS: CUPA Facility Listing
Cupa Facility Listing

Date of Government Version: 12/13/2022
Date Data Arrived at EDR: 12/15/2022
Date Made Active in Reports: 12/21/2022
Number of Days to Update: 6

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 03/16/2023
Next Scheduled EDR Contact: 07/03/2023
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA COLUSA: CUPA Facility List
Cupa facility list.

Date of Government Version: 04/06/2020
Date Data Arrived at EDR: 04/23/2020
Date Made Active in Reports: 07/10/2020
Number of Days to Update: 78

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 01/17/2023
Next Scheduled EDR Contact: 05/15/2023
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

SL CONTRA COSTA: Site List
List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 10/20/2022
Date Data Arrived at EDR: 10/21/2022
Date Made Active in Reports: 01/10/2023
Number of Days to Update: 81

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 01/20/2023
Next Scheduled EDR Contact: 05/08/2023
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA DEL NORTE: CUPA Facility List
Cupa Facility list

Date of Government Version: 05/04/2022
Date Data Arrived at EDR: 05/06/2022
Date Made Active in Reports: 07/28/2022
Number of Days to Update: 83

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 02/03/2023
Next Scheduled EDR Contact: 05/08/2023
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA EL DORADO: CUPA Facility List
CUPA facility list.

Date of Government Version: 08/08/2022
Date Data Arrived at EDR: 08/09/2022
Date Made Active in Reports: 09/01/2022
Number of Days to Update: 23

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 01/20/2023
Next Scheduled EDR Contact: 05/08/2023
Data Release Frequency: Varies

FRESNO COUNTY:

CUPA FRESNO: CUPA Resources List
Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 06/28/2021
Date Data Arrived at EDR: 12/21/2021
Date Made Active in Reports: 03/03/2022
Number of Days to Update: 72

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 03/30/2023
Next Scheduled EDR Contact: 07/10/2023
Data Release Frequency: Semi-Annually

GLENN COUNTY:

CUPA GLENN: CUPA Facility List
Cupa facility list

Date of Government Version: 01/22/2018
Date Data Arrived at EDR: 01/24/2018
Date Made Active in Reports: 03/14/2018
Number of Days to Update: 49

Source: Glenn County Air Pollution Control District
Telephone: 830-934-6500
Last EDR Contact: 01/13/2023
Next Scheduled EDR Contact: 05/01/2023
Data Release Frequency: No Update Planned

HUMBOLDT COUNTY:

CUPA HUMBOLDT: CUPA Facility List
CUPA facility list.

Date of Government Version: 08/12/2021
Date Data Arrived at EDR: 08/12/2021
Date Made Active in Reports: 11/08/2021
Number of Days to Update: 88

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 02/09/2023
Next Scheduled EDR Contact: 05/29/2023
Data Release Frequency: Semi-Annually

IMPERIAL COUNTY:

CUPA IMPERIAL: CUPA Facility List
Cupa facility list.

Date of Government Version: 01/13/2023
Date Data Arrived at EDR: 01/17/2023
Date Made Active in Reports: 04/04/2023
Number of Days to Update: 77

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 01/13/2023
Next Scheduled EDR Contact: 05/01/2023
Data Release Frequency: Varies

INYO COUNTY:

CUPA INYO: CUPA Facility List
Cupa facility list.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/03/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 72

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 02/09/2023
Next Scheduled EDR Contact: 05/29/2023
Data Release Frequency: Varies

KERN COUNTY:

CUPA KERN: CUPA Facility List
A listing of sites included in the Kern County Hazardous Material Business Plan.

Date of Government Version: 10/03/2022
Date Data Arrived at EDR: 10/05/2022
Date Made Active in Reports: 12/16/2022
Number of Days to Update: 72

Source: Kern County Public Health
Telephone: 661-321-3000
Last EDR Contact: 01/27/2023
Next Scheduled EDR Contact: 05/15/2023
Data Release Frequency: Varies

UST KERN: Underground Storage Tank Sites & Tank Listing
Kern County Sites and Tanks Listing.

Date of Government Version: 10/03/2022
Date Data Arrived at EDR: 10/05/2022
Date Made Active in Reports: 12/16/2022
Number of Days to Update: 72

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 01/27/2023
Next Scheduled EDR Contact: 05/15/2023
Data Release Frequency: Quarterly

KINGS COUNTY:

CUPA KINGS: CUPA Facility List
A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 12/03/2020
Date Data Arrived at EDR: 01/26/2021
Date Made Active in Reports: 04/14/2021
Number of Days to Update: 78

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 02/09/2023
Next Scheduled EDR Contact: 05/29/2023
Data Release Frequency: Varies

LAKE COUNTY:

CUPA LAKE: CUPA Facility List
Cupa facility list

Date of Government Version: 11/04/2022
Date Data Arrived at EDR: 11/07/2022
Date Made Active in Reports: 01/25/2023
Number of Days to Update: 79

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 04/05/2023
Next Scheduled EDR Contact: 07/24/2023
Data Release Frequency: Varies

LASSEN COUNTY:

CUPA LASSEN: CUPA Facility List
Cupa facility list

Date of Government Version: 07/31/2020
Date Data Arrived at EDR: 08/21/2020
Date Made Active in Reports: 11/09/2020
Number of Days to Update: 80

Source: Lassen County Environmental Health
Telephone: 530-251-8528
Last EDR Contact: 01/13/2023
Next Scheduled EDR Contact: 05/01/2023
Data Release Frequency: Varies

LOS ANGELES COUNTY:

AOCONCERN: Key Areas of Concerns in Los Angeles County
San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office. Date of Government Version: 3/30/2009 Exide Site area is a cleanup plan of lead-impacted soil surrounding the former Exide Facility as designated by the DTSC. Date of Government Version: 7/17/2017

Date of Government Version: 03/30/2009
Date Data Arrived at EDR: 03/31/2009
Date Made Active in Reports: 10/23/2009
Number of Days to Update: 206

Source: N/A
Telephone: N/A
Last EDR Contact: 03/09/2023
Next Scheduled EDR Contact: 06/26/2023
Data Release Frequency: No Update Planned

HMS LOS ANGELES: HMS: Street Number List
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 01/09/2023
Date Data Arrived at EDR: 01/12/2023
Date Made Active in Reports: 03/29/2023
Number of Days to Update: 76

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 03/29/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Semi-Annually

LF LOS ANGELES: List of Solid Waste Facilities
Solid Waste Facilities in Los Angeles County.

Date of Government Version: 01/09/2023
Date Data Arrived at EDR: 01/10/2023
Date Made Active in Reports: 03/23/2023
Number of Days to Update: 72

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 01/10/2023
Next Scheduled EDR Contact: 04/24/2023
Data Release Frequency: Varies

LF LOS ANGELES CITY: City of Los Angeles Landfills
Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 12/31/2022
Date Data Arrived at EDR: 01/12/2023
Date Made Active in Reports: 03/29/2023
Number of Days to Update: 76

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 04/05/2023
Next Scheduled EDR Contact: 07/24/2023
Data Release Frequency: Varies

LOS ANGELES AST: Active & Inactive AST Inventory
A listing of active & inactive above ground petroleum storage tank site locations, located in the City of Los Angeles.

Date of Government Version: 06/01/2019
Date Data Arrived at EDR: 06/25/2019
Date Made Active in Reports: 08/22/2019
Number of Days to Update: 58

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 03/16/2023
Next Scheduled EDR Contact: 07/03/2023
Data Release Frequency: Varies

LOS ANGELES CO LF METHANE: Methane Producing Landfills
This data was created on April 30, 2012 to represent known disposal sites in Los Angeles County that may produce and emanate methane gas. The shapefile contains disposal sites within Los Angeles County that once accepted degradable refuse material. Information used to create this data was extracted from a landfill survey performed by County Engineers (Major Waste System Map, 1973) as well as historical records from CalRecycle, Regional Water Quality Control Board, and Los Angeles County Department of Public Health

Date of Government Version: 01/10/2022
Date Data Arrived at EDR: 01/12/2022
Date Made Active in Reports: 04/04/2022
Number of Days to Update: 82

Source: Los Angeles County Department of Public Works
Telephone: 626-458-6973
Last EDR Contact: 04/05/2023
Next Scheduled EDR Contact: 07/24/2023
Data Release Frequency: No Update Planned

LOS ANGELES HM: Active & Inactive Hazardous Materials Inventory
A listing of active & inactive hazardous materials facility locations, located in the City of Los Angeles.

Date of Government Version: 11/01/2022
Date Data Arrived at EDR: 12/14/2022
Date Made Active in Reports: 03/07/2023
Number of Days to Update: 83

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 03/24/2023
Next Scheduled EDR Contact: 07/03/2023
Data Release Frequency: Varies

LOS ANGELES UST: Active & Inactive UST Inventory
A listing of active & inactive underground storage tank site locations and underground storage tank historical sites, located in the City of Los Angeles.

Date of Government Version: 11/01/2022
Date Data Arrived at EDR: 12/14/2022
Date Made Active in Reports: 03/07/2023
Number of Days to Update: 83
Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 03/24/2023
Next Scheduled EDR Contact: 07/03/2023
Data Release Frequency: Varies

SITE MIT LOS ANGELES: Site Mitigation List
Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 05/26/2021
Date Data Arrived at EDR: 07/09/2021
Date Made Active in Reports: 09/29/2021
Number of Days to Update: 82
Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 01/20/2023
Next Scheduled EDR Contact: 05/01/2023
Data Release Frequency: Annually

UST EL SEGUNDO: City of El Segundo Underground Storage Tank
Underground storage tank sites located in El Segundo city.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 04/19/2017
Date Made Active in Reports: 05/10/2017
Number of Days to Update: 21
Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 04/05/2023
Next Scheduled EDR Contact: 07/24/2023
Data Release Frequency: No Update Planned

UST LONG BEACH: City of Long Beach Underground Storage Tank
Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 04/22/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/27/2019
Number of Days to Update: 65
Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 01/20/2023
Next Scheduled EDR Contact: 05/01/2023
Data Release Frequency: Varies

UST TORRANCE: City of Torrance Underground Storage Tank
Underground storage tank sites located in the city of Torrance.

Date of Government Version: 10/18/2022
Date Data Arrived at EDR: 10/19/2022
Date Made Active in Reports: 01/10/2023
Number of Days to Update: 83
Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 01/13/2023
Next Scheduled EDR Contact: 05/01/2023
Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA MADERA: CUPA Facility List
A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 08/10/2020
Date Data Arrived at EDR: 08/12/2020
Date Made Active in Reports: 10/23/2020
Number of Days to Update: 72
Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 02/09/2023
Next Scheduled EDR Contact: 05/29/2023
Data Release Frequency: Varies

MARIN COUNTY:

UST MARIN: Underground Storage Tank Sites
Currently permitted USTs in Marin County.

Date of Government Version: 09/26/2018
Date Data Arrived at EDR: 10/04/2018
Date Made Active in Reports: 11/02/2018
Number of Days to Update: 29

Source: Public Works Department Waste Management
Telephone: 415-473-6647
Last EDR Contact: 03/22/2023
Next Scheduled EDR Contact: 07/10/2023
Data Release Frequency: Semi-Annually

MENDOCINO COUNTY:

UST MENDOCINO: Mendocino County UST Database
A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 09/22/2021
Date Data Arrived at EDR: 11/18/2021
Date Made Active in Reports: 11/22/2021
Number of Days to Update: 4

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 02/15/2023
Next Scheduled EDR Contact: 06/05/2023
Data Release Frequency: Annually

MERCED COUNTY:

CUPA MERCED: CUPA Facility List
CUPA facility list.

Date of Government Version: 02/15/2022
Date Data Arrived at EDR: 02/17/2022
Date Made Active in Reports: 05/11/2022
Number of Days to Update: 83

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 01/31/2023
Next Scheduled EDR Contact: 05/29/2023
Data Release Frequency: Varies

MONO COUNTY:

CUPA MONO: CUPA Facility List
CUPA Facility List

Date of Government Version: 02/22/2021
Date Data Arrived at EDR: 03/02/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 78

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 02/15/2023
Next Scheduled EDR Contact: 06/05/2023
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA MONTEREY: CUPA Facility Listing
CUPA Program listing from the Environmental Health Division.

Date of Government Version: 10/04/2021
Date Data Arrived at EDR: 10/06/2021
Date Made Active in Reports: 12/29/2021
Number of Days to Update: 84

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 03/22/2023
Next Scheduled EDR Contact: 07/10/2023
Data Release Frequency: Varies

NAPA COUNTY:

LUST NAPA: Sites With Reported Contamination
A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 50

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 02/15/2023
Next Scheduled EDR Contact: 06/05/2023
Data Release Frequency: No Update Planned

UST NAPA: Closed and Operating Underground Storage Tank Sites
Underground storage tank sites located in Napa county.

Date of Government Version: 09/05/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 10/31/2019
Number of Days to Update: 52

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 02/15/2023
Next Scheduled EDR Contact: 06/05/2023
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA NEVADA: CUPA Facility List
CUPA facility list.

Date of Government Version: 10/27/2022
Date Data Arrived at EDR: 10/27/2022
Date Made Active in Reports: 01/18/2023
Number of Days to Update: 83

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 01/20/2023
Next Scheduled EDR Contact: 05/08/2023
Data Release Frequency: Varies

ORANGE COUNTY:

IND_SITE ORANGE: List of Industrial Site Cleanups
Petroleum and non-petroleum spills.

Date of Government Version: 05/24/2022
Date Data Arrived at EDR: 08/09/2022
Date Made Active in Reports: 10/28/2022
Number of Days to Update: 80

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 01/31/2023
Next Scheduled EDR Contact: 05/15/2023
Data Release Frequency: Annually

LUST ORANGE: List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 04/08/2022
Date Data Arrived at EDR: 05/18/2022
Date Made Active in Reports: 08/03/2022
Number of Days to Update: 77

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 01/31/2023
Next Scheduled EDR Contact: 05/15/2023
Data Release Frequency: Quarterly

UST ORANGE: List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 05/24/2022
Date Data Arrived at EDR: 08/01/2022
Date Made Active in Reports: 10/20/2022
Number of Days to Update: 80

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 01/31/2023
Next Scheduled EDR Contact: 05/15/2023
Data Release Frequency: Quarterly

PLACER COUNTY:

MS PLACER: Master List of Facilities
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 08/26/2022
Date Data Arrived at EDR: 08/29/2022
Date Made Active in Reports: 11/15/2022
Number of Days to Update: 78

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 02/13/2023
Next Scheduled EDR Contact: 06/12/2023
Data Release Frequency: Semi-Annually

PLUMAS COUNTY:

CUPA PLUMAS: CUPA Facility List
Plumas County CUPA Program facilities.

Date of Government Version: 03/31/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/26/2019
Number of Days to Update: 64

Source: Plumas County Environmental Health
Telephone: 530-283-6355
Last EDR Contact: 01/13/2023
Next Scheduled EDR Contact: 05/01/2023
Data Release Frequency: Varies

RIVERSIDE COUNTY:

LUST RIVERSIDE: Listing of Underground Tank Cleanup Sites
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 01/18/2023
Date Data Arrived at EDR: 01/19/2023
Date Made Active in Reports: 04/04/2023
Number of Days to Update: 75

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 03/09/2023
Next Scheduled EDR Contact: 06/26/2023
Data Release Frequency: Quarterly

UST RIVERSIDE: Underground Storage Tank Tank List
Underground storage tank sites located in Riverside county.

Date of Government Version: 01/18/2023
Date Data Arrived at EDR: 01/19/2023
Date Made Active in Reports: 04/04/2023
Number of Days to Update: 75

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 03/09/2023
Next Scheduled EDR Contact: 06/26/2023
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

CS SACRAMENTO: Toxic Site Clean-Up List
List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 11/07/2022
Date Data Arrived at EDR: 12/21/2022
Date Made Active in Reports: 03/16/2023
Number of Days to Update: 85

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 03/30/2023
Next Scheduled EDR Contact: 07/10/2023
Data Release Frequency: Quarterly

ML SACRAMENTO: Master Hazardous Materials Facility List
Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 11/07/2022
Date Data Arrived at EDR: 12/09/2022
Date Made Active in Reports: 03/01/2023
Number of Days to Update: 82

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 03/30/2023
Next Scheduled EDR Contact: 07/10/2023
Data Release Frequency: Quarterly

SAN BENITO COUNTY:

CUPA SAN BENITO: CUPA Facility List
Cupa facility list

Date of Government Version: 10/27/2022
Date Data Arrived at EDR: 10/28/2022
Date Made Active in Reports: 01/18/2023
Number of Days to Update: 82

Source: San Benito County Environmental Health
Telephone: N/A
Last EDR Contact: 01/27/2023
Next Scheduled EDR Contact: 05/15/2023
Data Release Frequency: Varies

SAN BERNARDINO COUNTY:

PERMITS SAN BERNARDINO: Hazardous Material Permits
This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 11/18/2022
Date Data Arrived at EDR: 11/21/2022
Date Made Active in Reports: 02/09/2023
Number of Days to Update: 80

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 01/30/2023
Next Scheduled EDR Contact: 05/15/2023
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

HMMD SAN DIEGO: Hazardous Materials Management Division Database
The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 11/28/2022
Date Data Arrived at EDR: 11/29/2022
Date Made Active in Reports: 02/14/2023
Number of Days to Update: 77

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 02/28/2023
Next Scheduled EDR Contact: 06/12/2023
Data Release Frequency: Quarterly

LF SAN DIEGO: Solid Waste Facilities
San Diego County Solid Waste Facilities.

Date of Government Version: 10/27/2021
Date Data Arrived at EDR: 03/04/2022
Date Made Active in Reports: 05/31/2022
Number of Days to Update: 88

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 04/04/2023
Next Scheduled EDR Contact: 05/01/2023
Data Release Frequency: Varies

SAN DIEGO CO LOP: Local Oversight Program Listing
A listing of all LOP release sites that are or were under the County of San Diego's jurisdiction. Included are closed or transferred cases, open cases, and cases that did not have a case type indicated. The cases without a case type are mostly complaints; however, some of them could be LOP cases.

Date of Government Version: 07/22/2021
Date Data Arrived at EDR: 10/19/2021
Date Made Active in Reports: 01/13/2022
Number of Days to Update: 86

Source: Department of Environmental Health
Telephone: 858-505-6874
Last EDR Contact: 01/13/2023
Next Scheduled EDR Contact: 05/01/2023
Data Release Frequency: Varies

SAN DIEGO CO SAM: Environmental Case Listing
The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010
Date Data Arrived at EDR: 06/15/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 24
Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 02/23/2023
Next Scheduled EDR Contact: 06/12/2023
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

CUPA SAN FRANCISCO CO: CUPA Facility Listing
Cupa facilities

Date of Government Version: 11/03/2022
Date Data Arrived at EDR: 11/07/2022
Date Made Active in Reports: 01/25/2023
Number of Days to Update: 79
Source: San Francisco County Department of Environmental Health
Telephone: 415-252-3896
Last EDR Contact: 01/27/2023
Next Scheduled EDR Contact: 05/15/2023
Data Release Frequency: Varies

LUST SAN FRANCISCO: Local Oversite Facilities
A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 10
Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 01/27/2023
Next Scheduled EDR Contact: 05/15/2023
Data Release Frequency: No Update Planned

UST SAN FRANCISCO: Underground Storage Tank Information
Underground storage tank sites located in San Francisco county.

Date of Government Version: 11/03/2022
Date Data Arrived at EDR: 11/07/2022
Date Made Active in Reports: 01/24/2023
Number of Days to Update: 78
Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 01/27/2023
Next Scheduled EDR Contact: 05/15/2023
Data Release Frequency: Quarterly

SAN FRANCISO COUNTY:

SAN FRANCISCO MAHER: Maher Ordinance Property Listing
a listing of properties that fall within a Maher Ordinance, for all of San Francisco

Date of Government Version: 10/11/2022
Date Data Arrived at EDR: 10/14/2022
Date Made Active in Reports: 01/04/2023
Number of Days to Update: 82
Source: San Francisco Planning
Telephone: 628-652-7483
Last EDR Contact: 01/13/2023
Next Scheduled EDR Contact: 05/01/2023
Data Release Frequency: Varies

SAN JOAQUIN COUNTY:

UST SAN JOAQUIN: San Joaquin Co. UST
A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 06/22/2018
Date Data Arrived at EDR: 06/26/2018
Date Made Active in Reports: 07/11/2018
Number of Days to Update: 15
Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 03/09/2023
Next Scheduled EDR Contact: 06/26/2023
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA SAN LUIS OBISPO: CUPA Facility List
Cupa Facility List.

Date of Government Version: 11/08/2022
Date Data Arrived at EDR: 11/09/2022
Date Made Active in Reports: 02/01/2023
Number of Days to Update: 84

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 02/09/2023
Next Scheduled EDR Contact: 05/29/2023
Data Release Frequency: Varies

SAN MATEO COUNTY:

BI SAN MATEO: Business Inventory
List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 02/20/2020
Date Data Arrived at EDR: 02/20/2020
Date Made Active in Reports: 04/24/2020
Number of Days to Update: 64

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 03/10/2023
Next Scheduled EDR Contact: 06/19/2023
Data Release Frequency: Annually

LUST SAN MATEO: Fuel Leak List
A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 03/29/2019
Date Data Arrived at EDR: 03/29/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 61

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 03/02/2023
Next Scheduled EDR Contact: 06/19/2023
Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

CUPA SANTA BARBARA: CUPA Facility Listing
CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011
Date Data Arrived at EDR: 09/09/2011
Date Made Active in Reports: 10/07/2011
Number of Days to Update: 28

Source: Santa Barbara County Public Health Department
Telephone: 805-686-8167
Last EDR Contact: 02/09/2023
Next Scheduled EDR Contact: 05/29/2023
Data Release Frequency: No Update Planned

SANTA CLARA COUNTY:

CUPA SANTA CLARA: Cupa Facility List
Cupa facility list

Date of Government Version: 10/28/2022
Date Data Arrived at EDR: 11/01/2022
Date Made Active in Reports: 01/20/2023
Number of Days to Update: 80

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 02/09/2023
Next Scheduled EDR Contact: 05/29/2023
Data Release Frequency: Varies

HIST LUST SANTA CLARA: HIST LUST - Fuel Leak Site Activity Report
A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005
Date Data Arrived at EDR: 03/30/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 22

Source: Santa Clara Valley Water District
Telephone: 408-265-2600
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

LUST SANTA CLARA: LOP Listing
A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 03/03/2014
Date Data Arrived at EDR: 03/05/2014
Date Made Active in Reports: 03/18/2014
Number of Days to Update: 13

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 02/15/2023
Next Scheduled EDR Contact: 06/05/2023
Data Release Frequency: No Update Planned

SANTA CRUZ COUNTY:

CUPA SANTA CRUZ: CUPA Facility List
CUPA facility listing.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 05/23/2017
Number of Days to Update: 90

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 02/09/2023
Next Scheduled EDR Contact: 05/29/2023
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA SHASTA: CUPA Facility List
Cupa Facility List.

Date of Government Version: 06/15/2017
Date Data Arrived at EDR: 06/19/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 51

Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 02/09/2023
Next Scheduled EDR Contact: 05/29/2023
Data Release Frequency: Varies

SOLANO COUNTY:

LUST SOLANO: Leaking Underground Storage Tanks
A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 06/04/2019
Date Data Arrived at EDR: 06/06/2019
Date Made Active in Reports: 08/13/2019
Number of Days to Update: 68

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 02/23/2023
Next Scheduled EDR Contact: 06/12/2023
Data Release Frequency: Quarterly

UST SOLANO: Underground Storage Tanks
Underground storage tank sites located in Solano county.

Date of Government Version: 09/15/2021
Date Data Arrived at EDR: 09/16/2021
Date Made Active in Reports: 12/09/2021
Number of Days to Update: 84

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 02/23/2023
Next Scheduled EDR Contact: 06/12/2023
Data Release Frequency: Quarterly

SONOMA COUNTY:

CUPA SONOMA: Cupa Facility List
Cupa Facility list

Date of Government Version: 07/02/2021
Date Data Arrived at EDR: 07/06/2021
Date Made Active in Reports: 07/14/2021
Number of Days to Update: 8

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 06/28/2021
Next Scheduled EDR Contact: 07/03/2023
Data Release Frequency: Varies

LUST SONOMA: Leaking Underground Storage Tank Sites
A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 06/30/2021
Date Data Arrived at EDR: 06/30/2021
Date Made Active in Reports: 09/24/2021
Number of Days to Update: 86

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 03/16/2023
Next Scheduled EDR Contact: 07/03/2023
Data Release Frequency: Quarterly

STANISLAUS COUNTY:

CUPA STANISLAUS: CUPA Facility List
Cupa facility list

Date of Government Version: 02/08/2022
Date Data Arrived at EDR: 02/10/2022
Date Made Active in Reports: 05/04/2022
Number of Days to Update: 83

Source: Stanislaus County Department of Ennvironmental Protection
Telephone: 209-525-6751
Last EDR Contact: 01/09/2023
Next Scheduled EDR Contact: 04/24/2023
Data Release Frequency: Varies

SUTTER COUNTY:

UST SUTTER: Underground Storage Tanks
Underground storage tank sites located in Sutter county.

Date of Government Version: 08/03/2022
Date Data Arrived at EDR: 08/25/2022
Date Made Active in Reports: 11/14/2022
Number of Days to Update: 81

Source: Sutter County Environmental Health Services
Telephone: 530-822-7500
Last EDR Contact: 02/23/2023
Next Scheduled EDR Contact: 06/12/2023
Data Release Frequency: Semi-Annually

TEHAMA COUNTY:

CUPA TEHAMA: CUPA Facility List
Cupa facilities

Date of Government Version: 11/17/2022
Date Data Arrived at EDR: 11/21/2022
Date Made Active in Reports: 02/10/2023
Number of Days to Update: 81

Source: Tehama County Department of Environmental Health
Telephone: 530-527-8020
Last EDR Contact: 01/27/2023
Next Scheduled EDR Contact: 05/15/2023
Data Release Frequency: Varies

TRINITY COUNTY:

CUPA TRINITY: CUPA Facility List
Cupa facility list

Date of Government Version: 01/13/2023
Date Data Arrived at EDR: 01/17/2023
Date Made Active in Reports: 04/04/2023
Number of Days to Update: 77

Source: Department of Toxic Substances Control
Telephone: 760-352-0381
Last EDR Contact: 01/13/2023
Next Scheduled EDR Contact: 05/01/2023
Data Release Frequency: Varies

TULARE COUNTY:

CUPA TULARE: CUPA Facility List
Cupa program facilities

Date of Government Version: 10/07/2022
Date Data Arrived at EDR: 10/07/2022
Date Made Active in Reports: 12/21/2022
Number of Days to Update: 75

Source: Tulare County Environmental Health Services Division
Telephone: 559-624-7400
Last EDR Contact: 01/27/2023
Next Scheduled EDR Contact: 05/15/2023
Data Release Frequency: Varies

TUOLUMNE COUNTY:

CUPA TUOLUMNE: CUPA Facility List
Cupa facility list

Date of Government Version: 04/23/2018
Date Data Arrived at EDR: 04/25/2018
Date Made Active in Reports: 06/25/2018
Number of Days to Update: 61

Source: Divison of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 01/13/2023
Next Scheduled EDR Contact: 05/01/2023
Data Release Frequency: Varies

VENTURA COUNTY:

BWT VENTURA: Business Plan, Hazardous Waste Producers, and Operating Underground Tanks
The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 09/26/2022
Date Data Arrived at EDR: 10/19/2022
Date Made Active in Reports: 01/10/2023
Number of Days to Update: 83

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 01/17/2023
Next Scheduled EDR Contact: 05/01/2023
Data Release Frequency: Quarterly

LF VENTURA: Inventory of Illegal Abandoned and Inactive Sites
Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011
Date Data Arrived at EDR: 12/01/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 49

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 03/22/2023
Next Scheduled EDR Contact: 07/10/2023
Data Release Frequency: No Update Planned

LUST VENTURA: Listing of Underground Tank Cleanup Sites
Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008
Date Data Arrived at EDR: 06/24/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 37

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 02/02/2023
Next Scheduled EDR Contact: 05/22/2023
Data Release Frequency: No Update Planned

MED WASTE VENTURA: Medical Waste Program List
To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 09/26/2022
Date Data Arrived at EDR: 10/20/2022
Date Made Active in Reports: 01/10/2023
Number of Days to Update: 82

Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 01/17/2023
Next Scheduled EDR Contact: 05/01/2023
Data Release Frequency: Quarterly

UST VENTURA: Underground Tank Closed Sites List
Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 11/28/2022
Date Data Arrived at EDR: 12/02/2022
Date Made Active in Reports: 02/23/2023
Number of Days to Update: 83
Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 03/07/2023
Next Scheduled EDR Contact: 06/19/2023
Data Release Frequency: Quarterly

YOLO COUNTY:

UST YOLO: Underground Storage Tank Comprehensive Facility Report
Underground storage tank sites located in Yolo county.

Date of Government Version: 12/19/2022
Date Data Arrived at EDR: 12/27/2022
Date Made Active in Reports: 03/17/2023
Number of Days to Update: 80
Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 03/22/2023
Next Scheduled EDR Contact: 07/10/2023
Data Release Frequency: Annually

YUBA COUNTY:

CUPA YUBA: CUPA Facility List
CUPA facility listing for Yuba County.

Date of Government Version: 10/25/2022
Date Data Arrived at EDR: 10/26/2022
Date Made Active in Reports: 10/31/2022
Number of Days to Update: 5
Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 01/20/2023
Next Scheduled EDR Contact: 05/08/2023
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 11/16/2022
Date Data Arrived at EDR: 11/16/2022
Date Made Active in Reports: 02/06/2023
Number of Days to Update: 82
Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 02/10/2023
Next Scheduled EDR Contact: 05/22/2023
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 04/10/2019
Date Made Active in Reports: 05/16/2019
Number of Days to Update: 36
Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 03/30/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 10/29/2021
Date Made Active in Reports: 01/19/2022
Number of Days to Update: 82

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 01/27/2023
Next Scheduled EDR Contact: 05/08/2023
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 06/30/2018
Date Data Arrived at EDR: 07/19/2019
Date Made Active in Reports: 09/10/2019
Number of Days to Update: 53

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 04/06/2023
Next Scheduled EDR Contact: 07/24/2023
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 11/30/2021
Date Made Active in Reports: 02/18/2022
Number of Days to Update: 80

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 02/13/2022
Next Scheduled EDR Contact: 05/29/2023
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 06/19/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 76

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 03/06/2023
Next Scheduled EDR Contact: 06/19/2023
Data Release Frequency: Annually

Oil/Gas Pipelines

Source: Endeavor Business Media

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data

Source: Endeavor Business Media

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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.
Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.
Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.
Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.
Daycare Centers: Licensed Facilities
Source: Department of Social Services
Telephone: 916-657-4041

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

320 SHERIDAN DRIVE
320 SHERIDAN DRIVE
MENLO PARK, CA 94025

TARGET PROPERTY COORDINATES

Latitude (North):	37.476883 - 37° 28' 36.78''
Longitude (West):	122.170261 - 122° 10' 12.94''
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	573365.8
UTM Y (Meters):	4147895.5
Elevation:	19 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	12016467 PALO ALTO, CA
Version Date:	2018

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

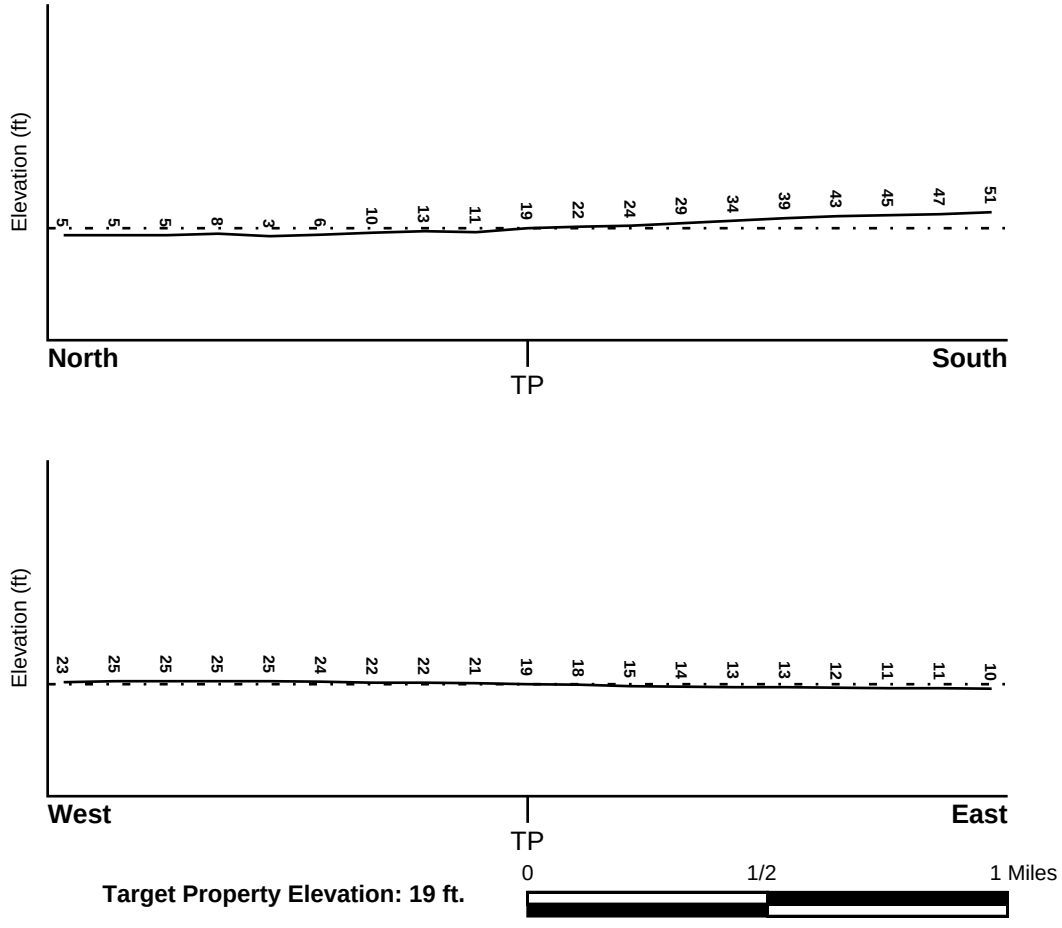
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General NNE

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Flood Plain Panel at Target Property	FEMA Source Type
06081C0306E	FEMA FIRM Flood data

Additional Panels in search area:	FEMA Source Type
06081C0302E	FEMA FIRM Flood data
06081C0307E	FEMA FIRM Flood data
06081C0308E	FEMA FIRM Flood data
06081C0309E	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
PALO ALTO	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
1	1/4 - 1/2 Mile NW	WSW
3	1/4 - 1/2 Mile NW	NE, Flat
A6	1/2 - 1 Mile WNW	NE
D13	1/2 - 1 Mile WNW	Not Reported
27	1/2 - 1 Mile NNW	NNW

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
36	1/2 - 1 Mile West	Not Reported
H47	1/2 - 1 Mile WNW	N
H48	1/2 - 1 Mile WNW	NE
H49	1/2 - 1 Mile West	NE
J56	1/2 - 1 Mile NW	NNW
K57	1/2 - 1 Mile East	Not Reported
K58	1/2 - 1 Mile East	Not Reported
L64	1/2 - 1 Mile West	N
1G	1/2 - 1 Mile NW	NNW
2G	1/2 - 1 Mile NNW	NNW
3G	1/4 - 1/2 Mile NW	NE, Flat
4G	1/4 - 1/2 Mile NW	WSW
5G	1/2 - 1 Mile WNW	NE
6G	1/2 - 1 Mile WNW	Not Reported
7G	1/2 - 1 Mile East	Not Reported
8G	1/2 - 1 Mile WNW	N
9G	1/2 - 1 Mile East	Not Reported
10G	1/2 - 1 Mile WNW	NE
11G	1/2 - 1 Mile West	NE
12G	1/2 - 1 Mile West	Not Reported
13G	1/2 - 1 Mile West	N

For additional site information, refer to Physical Setting Source Map Findings.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

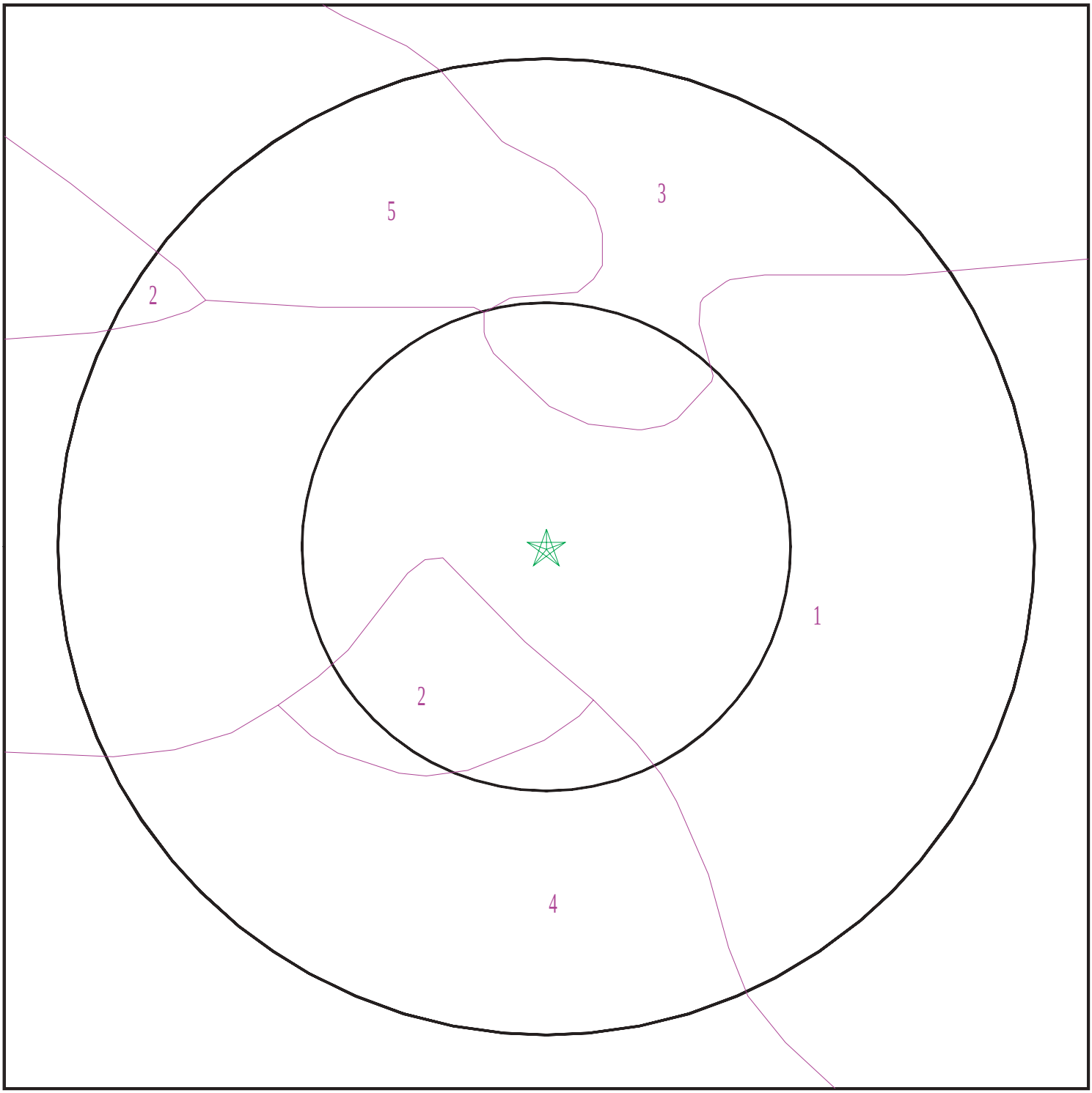
Era:	Cenozoic
System:	Quaternary
Series:	Quaternary
Code:	Q *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratifed Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 7302428.2s



Target Property
SSURGO Soil
Water

0 1/16 1/8 1/4 Miles

N

SITE NAME:	320 Sheridan Drive	CLIENT:	Citadel Environmental Services
ADDRESS:	320 Sheridan Drive Menlo Park CA 94025	CONTACT:	Annie Liu
		INQUIRY #:	7302428.2s
LAT/LONG:	37.476883 / 122.170261	DATE:	April 07, 2023 2:10 pm

A1325

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: Urban land

Soil Surface Texture:
Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class:
Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	5 inches		Not reported	Not reported	Max: 0.01 Min: 0	Max: Min:

Soil Map ID: 2

Soil Component Name: Orthents

Soil Surface Texture: variable

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	59 inches	variable	Not reported	Not reported	Max: Min:	Max: Min:

Soil Map ID: 3

Soil Component Name: Urban land

Soil Surface Texture:
Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class:
Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	5 inches		Not reported	Not reported	Max: 0.01 Min: 0	Max: Min:

Soil Map ID: 4

Soil Component Name: Botella

Soil Surface Texture: clay loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class:

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	16 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 8.4 Min: 7.9
2	16 inches	59 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 8.4 Min: 7.9

Soil Map ID: 5

Soil Component Name: Urban land

Soil Surface Texture:
Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class:
Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	5 inches		Not reported	Not reported	Max: 0.01 Min: 0	Max: Min:

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
2	USGS40000183394	1/4 - 1/2 Mile SW
4	USGS40000183379	1/4 - 1/2 Mile South
5	USGS40000183370	1/4 - 1/2 Mile South
B8	USGS40000183366	1/2 - 1 Mile SSW
C9	USGS40000183371	1/2 - 1 Mile SSW
24	USGS40000183356	1/2 - 1 Mile South
C25	USGS40000183368	1/2 - 1 Mile SW
41	USGS40000183400	1/2 - 1 Mile West
50	USGS40000183360	1/2 - 1 Mile SW
I52	USGS40000183345	1/2 - 1 Mile SSW
60	USGS40000183351	1/2 - 1 Mile SSE
63	USGS40000183353	1/2 - 1 Mile SW
65	USGS40000183346	1/2 - 1 Mile SSW
M67	USGS40000183332	1/2 - 1 Mile South
69	USGS40000183335	1/2 - 1 Mile SSW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

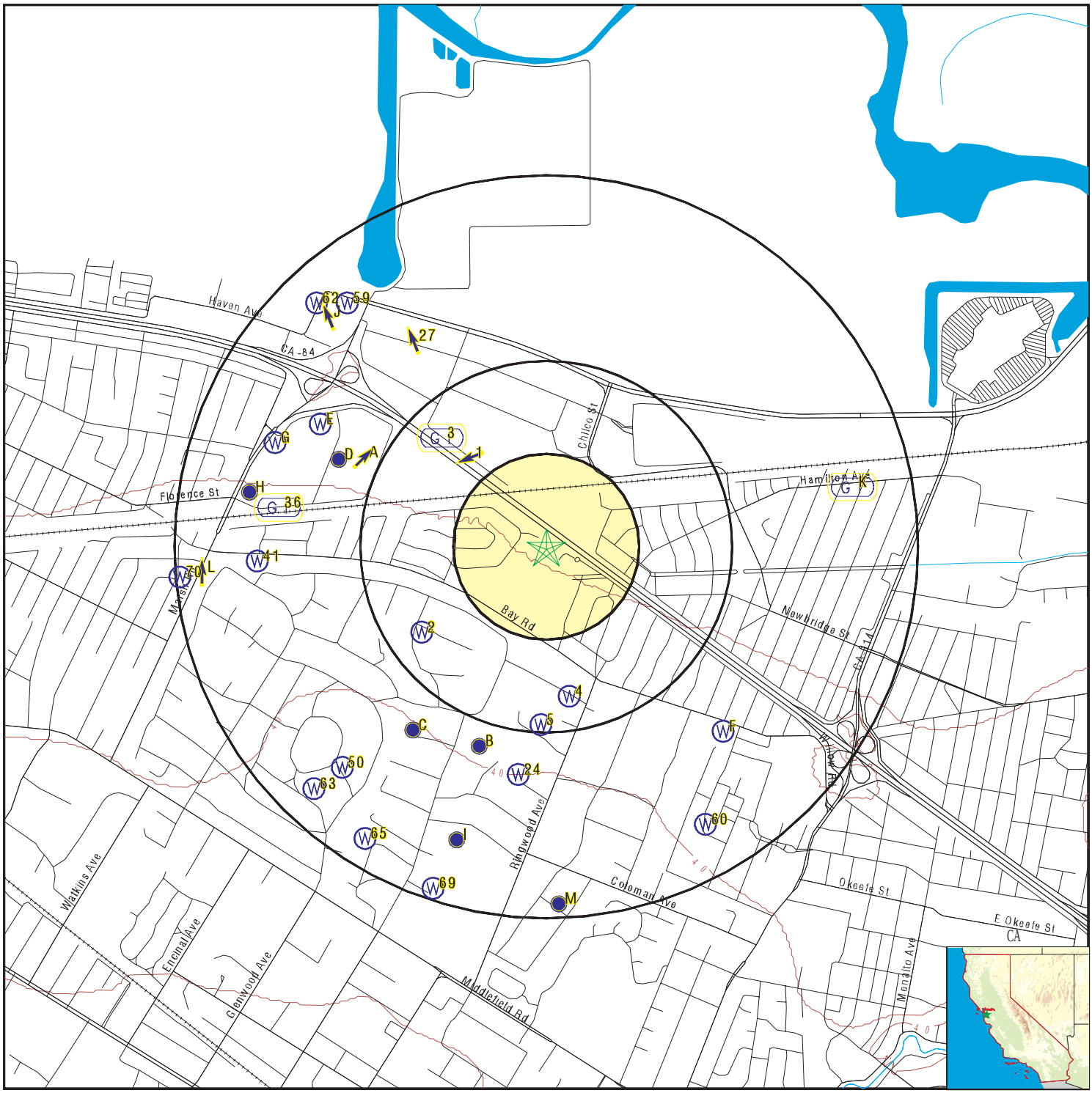
MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
B7	CAUSGSN00011467	1/2 - 1 Mile SSW
D10	CAEDF0000055814	1/2 - 1 Mile WNW
A11	CAEDF0000071377	1/2 - 1 Mile WNW
D12	CAEDF0000122438	1/2 - 1 Mile WNW
D14	CAEDF0000103702	1/2 - 1 Mile WNW
D15	CAEDF0000031823	1/2 - 1 Mile WNW
D16	CAEDF0000010640	1/2 - 1 Mile WNW
D17	CAEDF0000091534	1/2 - 1 Mile WNW
D18	CAEDF0000042897	1/2 - 1 Mile WNW
D19	CAEDF0000052518	1/2 - 1 Mile WNW
D20	CAEDF0000017482	1/2 - 1 Mile WNW
D21	CAEDF0000020433	1/2 - 1 Mile WNW
D22	CAEDF0000013757	1/2 - 1 Mile WNW
D23	CAEDF0000008607	1/2 - 1 Mile WNW
C26	CAUSGSN00013743	1/2 - 1 Mile SW
E28	CAEDF0000064874	1/2 - 1 Mile WNW
E29	CAEDF0000000832	1/2 - 1 Mile WNW
F30	CAEDF0000063155	1/2 - 1 Mile SE
F31	CAEDF0000019791	1/2 - 1 Mile SE
F32	CAEDF0000059922	1/2 - 1 Mile SE
F33	CAEDF0000059998	1/2 - 1 Mile SE
F34	CAEDF0000070237	1/2 - 1 Mile SE
E35	CAEDF0000069193	1/2 - 1 Mile WNW
E37	CAEDF0000042643	1/2 - 1 Mile WNW
G38	CAEDF0000051162	1/2 - 1 Mile WNW
G39	CAEDF0000060864	1/2 - 1 Mile WNW
G40	CAEDF0000012643	1/2 - 1 Mile WNW
G42	CAEDF0000088930	1/2 - 1 Mile WNW
G43	CAEDF0000100589	1/2 - 1 Mile WNW
G44	CAEDF0000097695	1/2 - 1 Mile WNW
G45	CAEDF0000017114	1/2 - 1 Mile WNW
G46	CAEDF0000116486	1/2 - 1 Mile WNW
H51	CAEDF0000017784	1/2 - 1 Mile West
H53	CAEDF0000023177	1/2 - 1 Mile West
H54	CAEDF0000118318	1/2 - 1 Mile West
I55	CAUSGSN00011878	1/2 - 1 Mile SSW
59	CAEDF0000020318	1/2 - 1 Mile NW
J61	CAEDF0000130952	1/2 - 1 Mile NW
62	CAEDF0000083265	1/2 - 1 Mile NW
L66	CAEDF0000086100	1/2 - 1 Mile West
M68	CAUSGSN00012605	1/2 - 1 Mile South
70	CAEDF0000079275	1/2 - 1 Mile West

PHYSICAL SETTING SOURCE MAP - 7302428.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons
- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME: 320 Sheridan Drive	CLIENT: Citadel Environmental Services
ADDRESS: 320 Sheridan Drive Menlo Park CA 94025	CONTACT: Annie Liu
A1331	INQUIRY #: 7302428.2s
LAT/LONG: 37.476883 / 122.170261	DATE: April 07, 2023 2:10 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

1
NW
1/4 - 1/2 Mile
Lower

Site ID:	440006
Groundwater Flow:	WSW
Shallow Water Depth:	Not Reported
Deep Water Depth:	Not Reported
Average Water Depth:	12.5
Date:	09/01/1998

AQUIFLOW **64430**

2
SW
1/4 - 1/2 Mile
Higher

FED USGS **USGS40000183394**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	005S003W27B002M	Type:	Well
Description:	ATHERTON GW STUDY SITE	HUC:	18050004
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19901127	Well Depth:	110
Well Depth Units:	ft	Well Hole Depth:	130
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	17	Level reading date:	1995-09-14
Feet below surface:	21.14	Feet to sea level:	Not Reported
Note:	Not Reported		

Level reading date:	1995-07-20	Feet below surface:	20.53
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-06-22	Feet below surface:	20.24
Feet to sea level:	Not Reported	Note:	The site had been pumped recently.
Level reading date:	1995-03-30	Feet below surface:	18.58
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-12-15	Feet below surface:	23.49
Feet to sea level:	Not Reported	Note:	The site had been pumped recently.
Level reading date:	1994-10-06	Feet below surface:	23.54
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-09-08	Feet below surface:	23.61
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-08-03	Feet below surface:	23.00
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-07-06	Feet below surface:	22.82
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-06-09	Feet below surface:	22.52
Feet to sea level:	Not Reported	Note:	The site had been pumped recently.
Level reading date:	1994-05-12	Feet below surface:	21.35
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1994-04-14	Feet below surface:	21.32
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-03-17	Feet below surface:	21.86
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-01-20	Feet below surface:	22.05
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1993-10-05	Feet below surface:	23.59
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1993-08-11	Feet below surface:	22.65
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1993-07-08	Feet below surface:	22.52
Feet to sea level:	Not Reported	Note:	Not Reported

3
NW
1/4 - 1/2 Mile
Lower

AQUIFLOW **64477**

Site ID:	440035
Groundwater Flow:	NE, Flat
Shallow Water Depth:	5.5
Deep Water Depth:	9.0
Average Water Depth:	Not Reported
Date:	10/10/1991

4
South
1/4 - 1/2 Mile
Higher

FED USGS **USGS40000183379**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	005S003W27H005M	Type:	Well
Description:	ATHERTON GW STUDY SITE	HUC:	18050004
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19900825	Well Depth:	115
Well Depth Units:	ft	Well Hole Depth:	115
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	31	Level reading date:	1995-09-14
Feet below surface:	19.21	Feet to sea level:	Not Reported
Note:	Not Reported		
Level reading date:	1995-07-20	Feet below surface:	18.40
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-06-22	Feet below surface:	17.12
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-05-24	Feet below surface:	16.72
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-03-30	Feet below surface:	16.49
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-03-07	Feet below surface:	17.73

Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-12-15	Feet below surface:	20.83
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-11-22	Feet below surface:	21.08
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-11-11	Feet below surface:	21.76
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-10-20	Feet below surface:	22.79
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-10-06	Feet below surface:	22.33
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-09-22	Feet below surface:	22.50
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-09-08	Feet below surface:	22.44
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-08-18	Feet below surface:	21.65
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-08-04	Feet below surface:	23.05
Feet to sea level:	Not Reported	Note:	The site had been pumped recently.
Level reading date:	1994-07-21	Feet below surface:	21.89
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-07-07	Feet below surface:	21.89
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-06-23	Feet below surface:	21.45
Feet to sea level:	Not Reported	Note:	The site had been pumped recently.
Level reading date:	1994-06-09	Feet below surface:	20.20
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-05-26	Feet below surface:	19.87
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-05-12	Feet below surface:	19.62
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-04-28	Feet below surface:	19.47
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-04-13	Feet below surface:	19.39
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-03-31	Feet below surface:	18.89
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-03-17	Feet below surface:	18.55
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-03-03	Feet below surface:	18.18
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1994-02-17	Feet below surface:	18.60
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-02-02	Feet below surface:	18.83
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-01-20	Feet below surface:	19.28
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1993-10-05	Feet below surface:	21.10
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1993-07-08	Feet below surface:	20.27
Feet to sea level:	Not Reported	Note:	Not Reported

5
South
1/4 - 1/2 Mile
Higher

FED USGS **USGS40000183370**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	005S003W27H008M	Type:	Well
Description:	ATHERTON GW STUDY SITE	HUC:	18050004
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19901119	Well Depth:	200
Well Depth Units:	ft	Well Hole Depth:	200
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	4	Level reading date:	1995-09-14
Feet below surface:	20.86	Feet to sea level:	Not Reported
Note:	Not Reported		
Level reading date:	1995-07-19	Feet below surface:	20.68
Feet to sea level:	Not Reported	Note:	The site had been pumped recently.
Level reading date:	1995-06-21	Feet below surface:	19.30
Feet to sea level:	Not Reported	Note:	The site had been pumped recently.
Level reading date:	1995-05-24	Feet below surface:	18.15
Feet to sea level:	Not Reported	Note:	Not Reported

A6
WNW
1/2 - 1 Mile
Lower

AQUIFLOW **64384**

Site ID:	440032
Groundwater Flow:	NE
Shallow Water Depth:	6.45
Deep Water Depth:	8.95
Average Water Depth:	Not Reported
Date:	09/05/1995

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

B7
SSW
1/2 - 1 Mile
Higher

CA WELLS **CAUSGSN00011467**

Well ID:	USGS-372809122102101	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-372809122102101	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-372809122102101&store_num=		
GeoTracker Data:	Not Reported		

B8
SSW
1/2 - 1 Mile
Higher

FED USGS **USGS40000183366**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	005S003W27G001M	Type:	Well
Description:	ATHERTON GW STUDY SITE	HUC:	18050004
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19880914	Well Depth:	58
Well Depth Units:	ft	Well Hole Depth:	65
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	19	Level reading date:	1997-04-29
Feet below surface:	19.58	Feet to sea level:	Not Reported
Note:	Not Reported		

Level reading date:	1995-09-14	Feet below surface:	23.37
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-06-22	Feet below surface:	22.20
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-03-30	Feet below surface:	22.40
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-12-15	Feet below surface:	25.84
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-11-11	Feet below surface:	26.45
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-10-06	Feet below surface:	26.49
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-09-08	Feet below surface:	26.25
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-08-03	Feet below surface:	25.74
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1994-07-06	Feet below surface:	25.27
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-06-09	Feet below surface:	24.62
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-05-11	Feet below surface:	24.35
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-04-14	Feet below surface:	24.26
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-03-17	Feet below surface:	24.12
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-02-17	Feet below surface:	24.67
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-01-20	Feet below surface:	25.02
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1993-10-18	Feet below surface:	25.63
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1993-08-11	Feet below surface:	25.13
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1993-07-07	Feet below surface:	24.72
Feet to sea level:	Not Reported	Note:	Not Reported

C9
SSW
1/2 - 1 Mile
Higher

FED USGS **USGS40000183371**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	005S003W27G005M	Type:	Well
Description:	ATHERTON GW STUDY SITE	HUC:	18050004
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19900726	Well Depth:	140
Well Depth Units:	ft	Well Hole Depth:	140
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	2	Level reading date:	1995-09-12
Feet below surface:	28.08	Feet to sea level:	Not Reported
Note:	Not Reported		
Level reading date:	1993-10-05	Feet below surface:	30.71
Feet to sea level:	Not Reported	Note:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

D10
WNW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000055814**

Well ID:	T0608126742-MW-3A	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608126742&assigned_name=MW-3A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608126742&assigned_name=MW-3A		

A11
WNW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000071377**

Well ID:	T0608126742-MW-6	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608126742&assigned_name=MW-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608126742&assigned_name=MW-6		

D12
WNW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000122438**

Well ID:	T0608126742-MW-1A	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608126742&assigned_name=MW-1A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608126742&assigned_name=MW-1A		

D13
WNW
1/2 - 1 Mile
Higher

AQUIFLOW **64378**

Site ID:	440047
Groundwater Flow:	Not Reported
Shallow Water Depth:	Not Reported
Deep Water Depth:	Not Reported
Average Water Depth:	9
Date:	03/04/1996

D14
WNW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000103702**

Well ID:	T0608126742-MW-7	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-7

GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608126742&assigned_name=MW-7&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608126742&assigned_name=MW-7

D15
WNW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000031823**

Well ID: T0608126742-EX-1 Well Type: MONITORING
Source: EDF Other Name: EX-1
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608126742&assigned_name=EX-1&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608126742&assigned_name=EX-1

D16
WNW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000010640**

Well ID: T0608126742-MW-2A Well Type: MONITORING
Source: EDF Other Name: MW-2A
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608126742&assigned_name=MW-2A&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608126742&assigned_name=MW-2A

D17
WNW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000091534**

Well ID: T0608126742-MW-2B Well Type: MONITORING
Source: EDF Other Name: MW-2B
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608126742&assigned_name=MW-2B&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608126742&assigned_name=MW-2B

D18
WNW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000042897**

Well ID: T0608126742-MW-2C Well Type: MONITORING
Source: EDF Other Name: MW-2C
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608126742&assigned_name=MW-2C&store_num=

GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608126742&assigned_name=MW-2C

D19
WNW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000052518**

Well ID:	T0608126742-MW-4B	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4B
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608126742&assigned_name=MW-4B&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608126742&assigned_name=MW-4B		

D20
WNW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000017482**

Well ID:	T0608126742-MW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608126742&assigned_name=MW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608126742&assigned_name=MW-4		

D21
WNW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000020433**

Well ID:	T0608126742-MW-4A	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608126742&assigned_name=MW-4A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608126742&assigned_name=MW-4A		

D22
WNW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000013757**

Well ID:	T0608126742-MW-5A	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-5A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608126742&assigned_name=MW-5A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608126742&assigned_name=MW-5A		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

D23
WNW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000008607**

Well ID:	T0608126742-MW-5	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608126742&assigned_name=MW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608126742&assigned_name=MW-5		

24
South
1/2 - 1 Mile
Higher

FED USGS **USGS40000183356**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	005S003W27J002M	Type:	Well
Description:	ATHERTON GW STUDY SITE	HUC:	18050004
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19770505	Well Depth:	105
Well Depth Units:	ft	Well Hole Depth:	107
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	2	Level reading date:	1995-09-12
Feet below surface:	26.29	Feet to sea level:	Not Reported
Note:	The site had been pumped recently.		
Level reading date:	1993-10-07	Feet below surface:	28.17
Feet to sea level:	Not Reported	Note:	Not Reported

C25
SW
1/2 - 1 Mile
Higher

FED USGS **USGS40000183368**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	005S003W27G004M	Type:	Well
Description:	ATHERTON GW STUDY SITE	HUC:	18050004
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19900720	Well Depth:	140
Well Depth Units:	ft	Well Hole Depth:	140
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	28	Level reading date:	1995-09-14

Feet below surface:	30.27	Feet to sea level:	Not Reported
Note:	Not Reported		
Level reading date:	1995-06-22	Feet below surface:	29.27
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-03-30	Feet below surface:	28.65
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-12-15	Feet below surface:	31.49
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-11-22	Feet below surface:	32.10
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-11-11	Feet below surface:	32.30
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-10-20	Feet below surface:	33.01
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-10-06	Feet below surface:	33.15
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-09-22	Feet below surface:	32.65
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-09-08	Feet below surface:	33.25
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-08-18	Feet below surface:	32.37
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-08-04	Feet below surface:	32.48
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-07-21	Feet below surface:	31.90
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-07-07	Feet below surface:	31.96
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-06-23	Feet below surface:	31.58
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-06-08	Feet below surface:	31.01
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-05-26	Feet below surface:	30.60
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-05-11	Feet below surface:	30.40
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-04-28	Feet below surface:	30.34
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-04-13	Feet below surface:	30.30
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-03-31	Feet below surface:	30.47
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1994-03-17	Feet below surface:	30.25
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-03-03	Feet below surface:	30.25
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-02-17	Feet below surface:	31.98
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-01-20	Feet below surface:	31.01
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1993-10-19	Feet below surface:	32.44
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1993-08-11	Feet below surface:	31.95
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1993-07-07	Feet below surface:	32.08
Feet to sea level:	Not Reported	Note:	Not Reported

C26
SW
1/2 - 1 Mile
Higher

CA WELLS **CAUSGSN00013743**

Well ID:	USGS-372811122103401	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-372811122103401	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-372811122103401&store_num=		
GeoTracker Data:	Not Reported		

27
NNW
1/2 - 1 Mile
Lower

Site ID:	440042
Groundwater Flow:	NNW
Shallow Water Depth:	3.78
Deep Water Depth:	4.72
Average Water Depth:	Not Reported
Date:	04/22/1994

AQUIFLOW **64465**

E28
WNW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000064874**

Well ID:	T10000003488-MW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000003488&assigned_name=MW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000003488&assigned_name=MW-4		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

E29
WNW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000000832**

Well ID:	T10000003488-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000003488&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000003488&assigned_name=MW-2		

F30
SE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000063155**

Well ID:	T0608100609-B-354-3	Well Type:	MONITORING
Source:	EDF	Other Name:	B-354-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100609&assigned_name=B-354-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100609&assigned_name=B-354-3		

F31
SE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000019791**

Well ID:	T0608100609-MW-354-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-354-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100609&assigned_name=MW-354-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100609&assigned_name=MW-354-3		

F32
SE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000059922**

Well ID:	T0608100609-MW-354-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-354-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100609&assigned_name=MW-354-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100609&assigned_name=MW-354-2		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

F33
SE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000059998**

Well ID:	T0608100609-MW-354-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-354-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100609&assigned_name=MW-354-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100609&assigned_name=MW-354-1		

F34
SE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000070237**

Well ID:	T0608100609-B-354-6	Well Type:	MONITORING
Source:	EDF	Other Name:	B-354-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100609&assigned_name=B-354-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100609&assigned_name=B-354-6		

E35
WNW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000069193**

Well ID:	T10000003488-MW-7	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000003488&assigned_name=MW-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000003488&assigned_name=MW-7		

36
West
1/2 - 1 Mile
Higher

AQUIFLOW **64392**

Site ID:	440039
Groundwater Flow:	Not Reported
Shallow Water Depth:	Not Reported
Deep Water Depth:	Not Reported
Average Water Depth:	12
Date:	07/13/1992

E37
WNW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000042643**

Well ID:	T10000003488-MW-6	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-6

GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000003488&assigned_name=MW-6&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000003488&assigned_name=MW-6

G38
WNW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000051162**

Well ID: T0608100334-MW-9 Well Type: MONITORING
Source: EDF Other Name: MW-9
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100334&assigned_name=MW-9&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100334&assigned_name=MW-9

G39
WNW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000060864**

Well ID: T0608100334-MW-1 Well Type: MONITORING
Source: EDF Other Name: MW-1
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100334&assigned_name=MW-1&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100334&assigned_name=MW-1

G40
WNW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000012643**

Well ID: T0608100334-MW-5 Well Type: MONITORING
Source: EDF Other Name: MW-5
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100334&assigned_name=MW-5&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100334&assigned_name=MW-5

41
West
1/2 - 1 Mile
Higher

FED USGS **USGS40000183400**

Organization ID: USGS-CA
Organization Name: USGS California Water Science Center
Monitor Location: 005S003W22N001M Type: Well
Description: ATHERTON GW STUDY SITE HUC: 18050004

Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	46	Level reading date:	1995-12-14
Feet below surface:	15.24	Feet to sea level:	Not Reported
Note:	Not Reported		
Level reading date:	1995-11-16	Feet below surface:	15.21
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-10-19	Feet below surface:	15.14
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-09-14	Feet below surface:	15.10
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-08-31	Feet below surface:	15.10
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-08-17	Feet below surface:	15.05
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-08-03	Feet below surface:	15.06
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-07-20	Feet below surface:	15.10
Feet to sea level:	Not Reported	Note:	The site had been pumped recently.
Level reading date:	1995-07-06	Feet below surface:	15.13
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-06-22	Feet below surface:	15.20
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-06-08	Feet below surface:	15.30
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-05-11	Feet below surface:	15.51
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-04-27	Feet below surface:	15.67
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-04-13	Feet below surface:	15.87
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-03-30	Feet below surface:	16.06
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-03-16	Feet below surface:	16.29
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-03-07	Feet below surface:	16.35
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-03-02	Feet below surface:	16.36

Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-02-16	Feet below surface:	16.45
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-02-02	Feet below surface:	16.62
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-01-19	Feet below surface:	16.75
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-12-15	Feet below surface:	16.82
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-11-22	Feet below surface:	16.86
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-11-11	Feet below surface:	16.76
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-10-20	Feet below surface:	16.65
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-10-06	Feet below surface:	16.56
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-09-22	Feet below surface:	16.50
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-08-18	Feet below surface:	16.20
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-08-04	Feet below surface:	16.12
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-07-21	Feet below surface:	16.07
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-07-07	Feet below surface:	16.07
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-06-23	Feet below surface:	15.97
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-06-09	Feet below surface:	15.96
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-05-26	Feet below surface:	15.98
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-05-11	Feet below surface:	16.07
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-04-28	Feet below surface:	16.09
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-04-13	Feet below surface:	16.14
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-03-31	Feet below surface:	16.23
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1994-03-16	Feet below surface:	16.27
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-03-03	Feet below surface:	16.39
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-02-17	Feet below surface:	16.46
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-02-02	Feet below surface:	16.53
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-01-20	Feet below surface:	16.55
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1993-10-19	Feet below surface:	16.55
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1993-08-11	Feet below surface:	16.35
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1993-04-05	Feet below surface:	17.18
Feet to sea level:	Not Reported	Note:	Not Reported

G42
WNW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000088930**

Well ID:	T0608100334-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100334&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100334&assigned_name=MW-2		

G43
WNW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000100589**

Well ID:	T0608100334-MW-6	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100334&assigned_name=MW-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100334&assigned_name=MW-6		

G44
WNW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000097695**

Well ID:	T0608100334-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3

GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100334&assigned_name=MW-3&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100334&assigned_name=MW-3

G45
WNW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000017114**

Well ID: T0608100334-MW-4 Well Type: MONITORING
Source: EDF Other Name: MW-4
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100334&assigned_name=MW-4&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100334&assigned_name=MW-4

G46
WNW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000116486**

Well ID: T0608100334-MW-7 Well Type: MONITORING
Source: EDF Other Name: MW-7
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100334&assigned_name=MW-7&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100334&assigned_name=MW-7

H47
WNW
1/2 - 1 Mile
Higher

AQUIFLOW **67110**

Site ID: 41-0195
Groundwater Flow: N
Shallow Water Depth: 11.85
Deep Water Depth: 13’
Average Water Depth: Not Reported
Date: 07/25/1996

H48
WNW
1/2 - 1 Mile
Higher

AQUIFLOW **64355**

Site ID: 440034
Groundwater Flow: NE
Shallow Water Depth: Not Reported
Deep Water Depth: Not Reported
Average Water Depth: 17.39
Date: 09/10/1991

H49
West
1/2 - 1 Mile
Higher

AQUIFLOW **64481**

Site ID: 440018
Groundwater Flow: NE
Shallow Water Depth: 7.79
Deep Water Depth: 11.89
Average Water Depth: Not Reported
Date: 09/07/1994

Map ID Direction Distance Elevation		Database	EDR ID Number
50 SW 1/2 - 1 Mile Higher		**FED USGS**	**USGS40000183360**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	005S003W27L004M	Type:	Well
Description:	ATHERTON GW STUDY SITE	HUC:	18050004
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19910529	Well Depth:	140
Well Depth Units:	ft	Well Hole Depth:	140
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	16	Level reading date:	1995-09-14
Feet below surface:	29.57	Feet to sea level:	Not Reported
Note:	Not Reported		
Level reading date:	1995-06-22	Feet below surface:	28.66
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-03-30	Feet below surface:	28.84
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-12-15	Feet below surface:	32.15
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-11-11	Feet below surface:	32.71
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-10-06	Feet below surface:	32.78
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-09-08	Feet below surface:	32.59
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-08-04	Feet below surface:	32.22
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-07-07	Feet below surface:	31.75
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-06-09	Feet below surface:	31.03
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-05-12	Feet below surface:	30.75
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-04-14	Feet below surface:	30.63
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-03-17	Feet below surface:	30.64
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-01-20	Feet below surface:	31.36
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1993-10-05	Feet below surface:	32.11
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1993-07-07	Feet below surface:	31.35
Feet to sea level:	Not Reported	Note:	Not Reported

H51
West
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000017784**

Well ID:	T0608100997-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100997&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100997&assigned_name=MW-3		

I52
SSW
1/2 - 1 Mile
Higher

FED USGS **USGS40000183345**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	005S003W27K002M	Type:	Well
Description:	ATHERTON GW STUDY SITE	HUC:	18050004
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19910510	Well Depth:	290
Well Depth Units:	ft	Well Hole Depth:	300
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	28	Level reading date:	1997-04-29
Feet below surface:	27.05	Feet to sea level:	Not Reported
Note:	Not Reported		
Level reading date:	1995-09-14	Feet below surface:	34.17
Feet to sea level:	Not Reported	Note:	The site had been pumped recently.
Level reading date:	1995-06-22	Feet below surface:	29.51
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-03-30	Feet below surface:	29.25
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-12-15	Feet below surface:	35.19
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-11-22	Feet below surface:	38.01
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-11-11	Feet below surface:	38.39
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1994-10-20	Feet below surface:	40.12
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-10-06	Feet below surface:	39.39
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-09-08	Feet below surface:	39.21
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-08-18	Feet below surface:	37.63
Feet to sea level:	Not Reported	Note:	The site had been pumped recently.
Level reading date:	1994-08-04	Feet below surface:	38.75
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-07-21	Feet below surface:	36.71
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-07-07	Feet below surface:	38.60
Feet to sea level:	Not Reported	Note:	The site had been pumped recently.
Level reading date:	1994-06-23	Feet below surface:	35.62
Feet to sea level:	Not Reported	Note:	The site had been pumped recently.
Level reading date:	1994-06-09	Feet below surface:	33.22
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-05-26	Feet below surface:	32.35
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-05-12	Feet below surface:	31.84
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-04-28	Feet below surface:	31.97
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-04-14	Feet below surface:	32.09
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-03-31	Feet below surface:	31.56
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-03-17	Feet below surface:	31.70
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-03-03	Feet below surface:	30.94
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-02-17	Feet below surface:	31.15
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-02-02	Feet below surface:	31.71
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-01-20	Feet below surface:	32.26
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1993-10-18	Feet below surface:	34.71
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1993-07-07	Feet below surface:	35.30
Feet to sea level:	Not Reported	Note:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

		Database	EDR ID Number
H53 **West** **1/2 - 1 Mile** **Higher**		**CA WELLS**	**CAEDF0000023177**

Well ID:	T0608100997-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100997&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100997&assigned_name=MW-2		

		Database	EDR ID Number
H54 **West** **1/2 - 1 Mile** **Higher**		**CA WELLS**	**CAEDF0000118318**

Well ID:	T0608100997-MW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100997&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100997&assigned_name=MW-1		

		Database	EDR ID Number
I55 **SSW** **1/2 - 1 Mile** **Higher**		**CA WELLS**	**CAUSGSN00011878**

Well ID:	USGS-372756122102501	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-372756122102501	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-372756122102501&store_num=		
GeoTracker Data:	Not Reported		

			Database	EDR ID Number
J56 **NW** **1/2 - 1 Mile** **Lower**	Site ID:	41-0110	**AQUIFLOW**	**64401**
	Groundwater Flow:	NNW		
	Shallow Water Depth:	5.0		
	Deep Water Depth:	7.0		
	Average Water Depth:	Not Reported		
	Date:	03/31/1995		

			Database	EDR ID Number
K57 **East** **1/2 - 1 Mile** **Lower**	Site ID:	41-0013	**AQUIFLOW**	**64363**
	Groundwater Flow:	Not Reported		
	Shallow Water Depth:	4.93		
	Deep Water Depth:	6.46		
	Average Water Depth:	Not Reported		
	Date:	08/20/1991		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database | EDR ID Number

K58
East
1/2 - 1 Mile
Lower

AQUIFLOW **64364**

Site ID:	440007
Groundwater Flow:	Not Reported
Shallow Water Depth:	4.93
Deep Water Depth:	6.46
Average Water Depth:	Not Reported
Date:	08/20/1991

59
NW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000020318**

Well ID:	SL18322742-MW-FE2B	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-FE2B
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL18322742&assigned_name=MW-FE2B&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL18322742&assigned_name=MW-FE2B		

60
SSE
1/2 - 1 Mile
Higher

FED USGS **USGS40000183351**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	005S003W26L001M	Type:	Well
Description:	Not Reported	HUC:	18050003
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported		
Aquifer Type:	Mixed (confined and unconfined multiple aquifers)		
Construction Date:	19281130	Well Depth:	575
Well Depth Units:	ft	Well Hole Depth:	575
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	1	Level reading date:	1994-05-12
Feet below surface:	24.49	Feet to sea level:	Not Reported
Note:	Not Reported		

J61
NW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000130952**

Well ID:	SL18322742-MW-FE1B	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-FE1B
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL18322742&assigned_name=MW-FE1B&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL18322742&assigned_name=MW-FE1B		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

62
NW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000083265**

Well ID:	SL18322742-MW-6B	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-6B
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL18322742&assigned_name=MW-6B&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL18322742&assigned_name=MW-6B		

63
SW
1/2 - 1 Mile
Higher

FED USGS **USGS40000183353**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	005S003W27L003M	Type:	Well
Description:	ATHERTON GW STUDY SITE	HUC:	18050004
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19910313	Well Depth:	180
Well Depth Units:	ft	Well Hole Depth:	180
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	46	Level reading date:	1995-12-14
Feet below surface:	27.56	Feet to sea level:	Not Reported
Note:	Not Reported		
Level reading date:	1995-11-16	Feet below surface:	29.23
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-10-19	Feet below surface:	29.50
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-09-14	Feet below surface:	28.19
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-08-31	Feet below surface:	27.80
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-08-17	Feet below surface:	28.15
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-08-03	Feet below surface:	27.78
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-07-20	Feet below surface:	27.47
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-07-06	Feet below surface:	27.39
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1995-06-22	Feet below surface:	27.81
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-06-08	Feet below surface:	27.65
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-05-24	Feet below surface:	26.75
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-05-11	Feet below surface:	26.65
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-04-27	Feet below surface:	27.13
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-04-13	Feet below surface:	26.74
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-03-30	Feet below surface:	26.56
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-03-16	Feet below surface:	27.67
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-03-02	Feet below surface:	28.23
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-02-16	Feet below surface:	28.50
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-02-02	Feet below surface:	28.58
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-01-19	Feet below surface:	29.15
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-12-15	Feet below surface:	30.32
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-11-22	Feet below surface:	30.99
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-11-11	Feet below surface:	31.12
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-10-20	Feet below surface:	31.65
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-10-06	Feet below surface:	31.64
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-09-22	Feet below surface:	31.86
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-09-08	Feet below surface:	31.41
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-08-18	Feet below surface:	30.84
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-08-04	Feet below surface:	31.51
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1994-07-21	Feet below surface:	30.67
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-07-07	Feet below surface:	30.89
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-06-23	Feet below surface:	30.14
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-06-08	Feet below surface:	29.56
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-05-26	Feet below surface:	29.72
Feet to sea level:	Not Reported	Note:	The site had been pumped recently.
Level reading date:	1994-05-12	Feet below surface:	28.73
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-04-28	Feet below surface:	28.83
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-04-14	Feet below surface:	29.05
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-03-31	Feet below surface:	28.89
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-03-17	Feet below surface:	28.87
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-03-03	Feet below surface:	28.59
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-02-17	Feet below surface:	28.89
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-02-02	Feet below surface:	29.16
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-01-20	Feet below surface:	29.72
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1993-10-05	Feet below surface:	30.49
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1993-07-07	Feet below surface:	29.87
Feet to sea level:	Not Reported	Note:	Not Reported

L64
West
1/2 - 1 Mile
Higher

Site ID:	440048
Groundwater Flow:	N
Shallow Water Depth:	10.41
Deep Water Depth:	10.69
Average Water Depth:	Not Reported
Date:	01/26/1999

AQUIFLOW **51130**

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

65
SSW
1/2 - 1 Mile
Higher | **FED USGS** | **USGS40000183346**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	005S003W27L006M	Type:	Well
Description:	ATHERTON GW STUDY SITE	HUC:	18050004
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19921005	Well Depth:	180
Well Depth Units:	ft	Well Hole Depth:	180
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	20	Level reading date:	1995-09-14
Feet below surface:	30.72	Feet to sea level:	Not Reported
Note:	Not Reported		
Level reading date:	1995-07-20	Feet below surface:	29.85
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-06-22	Feet below surface:	29.51
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-05-24	Feet below surface:	29.46
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-03-30	Feet below surface:	30.02
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-12-15	Feet below surface:	33.38
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-11-11	Feet below surface:	34.10
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-10-06	Feet below surface:	34.29
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-09-08	Feet below surface:	34.00
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-07-07	Feet below surface:	32.87
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-06-09	Feet below surface:	32.29
Feet to sea level:	Not Reported	Note:	The site had been pumped recently.
Level reading date:	1994-05-12	Feet below surface:	31.90
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-04-14	Feet below surface:	31.74
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-03-17	Feet below surface:	31.64
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1994-02-17	Feet below surface:	31.89
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-01-20	Feet below surface:	32.40
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1993-10-05	Feet below surface:	33.54
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1993-08-11	Feet below surface:	33.42
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1993-07-07	Feet below surface:	32.89
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1993-05-26	Feet below surface:	32.02
Feet to sea level:	Not Reported	Note:	Not Reported

L66
West
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000086100**

Well ID:	T0608100064-MW11	Well Type:	MONITORING
Source:	EDF	Other Name:	MW11
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100064&assigned_name=MW11&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100064&assigned_name=MW11		

M67
South
1/2 - 1 Mile
Higher

FED USGS **USGS40000183332**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	005S003W27R003M	Type:	Well
Description:	Not Reported	HUC:	18050003
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19940513	Well Depth:	160
Well Depth Units:	ft	Well Hole Depth:	163
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	1	Level reading date:	1997-04-29
Feet below surface:	27.24	Feet to sea level:	Not Reported
Note:	The site had been pumped recently.		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

M68
South
1/2 - 1 Mile
Higher | **CA WELLS** | **CAUSGSN00012605**

Well ID:	USGS-372747122100701	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-372747122100701	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-372747122100701&store_num=		
GeoTracker Data:	Not Reported		

69
SSW
1/2 - 1 Mile
Higher | **FED USGS** | **USGS40000183335**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	005S003W27Q004M	Type:	Well
Description:	ATHERTON GW STUDY SITE	HUC:	18050004
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	198807	Well Depth:	120
Well Depth Units:	ft	Well Hole Depth:	123
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	1	Level reading date:	1993-07-07
Feet below surface:	33.66	Feet to sea level:	Not Reported
Note:	Not Reported		

70
West
1/2 - 1 Mile
Higher | **CA WELLS** | **CAEDF0000079275**

Well ID:	T0608100064-MW10	Well Type:	MONITORING
Source:	EDF	Other Name:	MW10
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608100064&assigned_name=MW10&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608100064&assigned_name=MW10		

1G
NW
1/2 - 1 Mile
Lower | **AQUIFLOW** | **64401**

Site ID:	41-0110
Groundwater Flow:	NNW
Shallow Water Depth:	5.0
Deep Water Depth:	7.0
Average Water Depth:	Not Reported
Date:	03/31/1995

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
2G **NNW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	440042 NNW 3.78 4.72 Not Reported 04/22/1994	**AQUIFLOW**	**64465**
3G **NW** **1/4 - 1/2 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	440035 NE, Flat 5.5 9.0 Not Reported 10/10/1991	**AQUIFLOW**	**64477**
4G **NW** **1/4 - 1/2 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	440006 WSW Not Reported Not Reported 12.5 09/01/1998	**AQUIFLOW**	**64430**
5G **WNW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	440032 NE 6.45 8.95 Not Reported 09/05/1995	**AQUIFLOW**	**64384**
6G **WNW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	440047 Not Reported Not Reported Not Reported 9 03/04/1996	**AQUIFLOW**	**64378**
7G **East** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	440007 Not Reported 4.93 6.46 Not Reported 08/20/1991	**AQUIFLOW**	**64364**
8G **WNW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0195 N 11.85 13' Not Reported 07/25/1996	**AQUIFLOW**	**67110**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
9G **East** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	41-0013 Not Reported 4.93 6.46 Not Reported 08/20/1991	**AQUIFLOW**	**64363**
10G **WNW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	440034 NE Not Reported Not Reported 17.39 09/10/1991	**AQUIFLOW**	**64355**
11G **West** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	440018 NE 7.79 11.89 Not Reported 09/07/1994	**AQUIFLOW**	**64481**
12G **West** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	440039 Not Reported Not Reported Not Reported 12 07/13/1992	**AQUIFLOW**	**64392**
13G **West** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	440048 N 10.41 10.69 Not Reported 01/26/1999	**AQUIFLOW**	**51130**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
94025	101	21

Federal EPA Radon Zone for SAN MATEO County: 2

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for SAN MATEO COUNTY, CA

Number of sites tested: 32

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.594 pCi/L	100%	0%	0%
Living Area - 2nd Floor	0.000 pCi/L	100%	0%	0%
Basement	3.133 pCi/L	67%	33%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

OTHER STATE DATABASE INFORMATION

Groundwater Ambient Monitoring & Assessment Program
State Water Resources Control Board
Telephone: 916-341-5577
The GAMA Program is Californias comprehensive groundwater quality monitoring program. GAMA collects data by testing the untreated, raw water in different types of wells for naturally-occurring and man-made chemicals. The GAMA data includes Domestic, Monitoring and Municipal well types from the following sources, Department of Water Resources, Department of Heath Services, EDF, Agricultural Lands, Lawrence Livermore National Laboratory, Department of Pesticide Regulation, United States Geological Survey, Groundwater Ambient Monitoring and Assessment Program and Local Groundwater Projects.

Water Well Database
Source: Department of Water Resources
Telephone: 916-651-9648

California Drinking Water Quality Database
Source: Department of Public Health
Telephone: 916-324-2319
The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

California Oil and Gas Well Locations
Source: Dept of Conservation, Geologic Energy Management Division
Telephone: 916-323-1779
Oil and Gas well locations in the state.

California Earthquake Fault Lines
Source: California Division of Mines and Geology
The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

RADON

State Database: CA Radon
Source: Department of Public Health
Telephone: 916-210-8558
Radon Database for California

PHYSICAL SETTING SOURCE RECORDS SEARCHED

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

STREET AND ADDRESS INFORMATION

CITADEL EHS
assess · resolve · strengthen

Appendix L
EDR Vapor Encroachment Screen

A1368

320 Sheridan Drive
320 Sheridan Drive
Menlo Park, CA 94025

Inquiry Number: 7302428.2s
April 7, 2023

EDR Vapor Encroachment Screen

Prepared using EDR's Vapor Encroachment Worksheet

EDR® Environmental Data Resources Inc

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

EXECUTIVE SUMMARY

A search of available environmental records was conducted by EDR. The report was designed to assist parties seeking to meet the search requirements of the ASTM Standard Practice for Assessment of Vapor Encroachment into Structures on Property Involved in Real Estate Transactions (E 2600).

STANDARD ENVIRONMENTAL RECORDS	Default Area of Concern (Miles)*	property	1/10	> 1/10
Lists of Federal NPL (Superfund) sites	1.0	0	0	0
Lists of Federal Delisted NPL sites	1.0	0	0	0
Lists of Federal sites subject to CERCLA removals and CERCLA orders	0.5	0	0	0
Lists of Federal CERCLA sites with NFRAP	0.5	0	0	0
Lists of Federal RCRA facilities undergoing Corrective Action	1.0	0	0	0
Lists of Federal RCRA TSD facilities	0.5	0	0	0
Lists of Federal RCRA generators	0.25	0	0	0
Federal institutional controls / engineering controls registries	0.5	0	0	0
Federal ERNS list	0.001	0	0	-
Lists of state- and tribal (Superfund) equivalent sites	1.0	0	0	0
Lists of state- and tribal hazardous waste facilities	1.0	0	0	0
Lists of state and tribal landfills and solid waste disposal facilities	0.5	0	0	0
Lists of state and tribal leaking storage tanks	0.5	0	0	1
Lists of state and tribal registered storage tanks	0.25	0	0	0
State and tribal institutional control / engineering control registries	not searched	-	-	-
Lists of state and tribal voluntary cleanup sites	0.5	0	0	0
Lists of state and tribal brownfield sites	0.5	0	0	0

ADDITIONAL ENVIRONMENTAL RECORDS				
Local Brownfield lists	0.5	0	0	0
Local Lists of Landfill / Solid Waste Disposal Sites	0.5	0	0	0
Local Lists of Hazardous waste / Contaminated Sites	1.0	0	0	0
Local Lists of Registered Storage Tanks	0.25	0	0	1
Local Land Records	0.5	0	0	0
Records of Emergency Release Reports	0.5	0	0	0
Other Ascertainable Records	1.0	3	0	2

EDR HIGH RISK HISTORICAL RECORDS				
EDR Exclusive Records	1.0	0	0	0
Exclusive Recovered Govt. Archives	0.001	0	0	-

EXECUTIVE SUMMARY

EDR RECOVERED GOVERNMENT ARCHIVES

EDR Exclusive Records	1.0	0	0	0
Exclusive Recovered Govt. Archives	0.001	0	0	-

*The Default Area of Concern may be adjusted by the environmental professional using experience and professional judgement. Each category may include several databases, and each database may have a different distance. A list of individual databases is provided at the back of this report.

EXECUTIVE SUMMARY

TARGET PROPERTY INFORMATION

ADDRESS

320 SHERIDAN DRIVE
320 SHERIDAN DRIVE
MENLO PARK, CA 94025

COORDINATES

Latitude (North):	37.476883 - 37° 28′ 36.778564″
Longitude (West):	122.170261 - 122° 10′ 12.927246″
Elevation:	19 ft. above sea level

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records.

Site	Database(s)
RWCSD-JAMES FLOOD MAGNET SCHOOL 320 SHERIDAN DR MENLO PARK, CA 94025	HAZNET GEPAID: CAC002573413 HWTS
RAVENSWOOD CITY SCH DIST/JAMES FLOOD ELE 320 SHERIDAN DR MENLO PARK, CA 94025	HWTS
EPA ACADEMY ELEMENTARY-STANFORD 320 SHERIDAN MENLO PARK, CA 94025	San Mateo Co. BI Facility Id: FA0024436

EXECUTIVE SUMMARY

SEARCH RESULTS

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Name	Address	Dist/Dir	Map ID	Page
FLOOD PARK (SMCO) Cortese: CORTESE CERS: CERS LUST: LUST HIST UST: HIST UST	215 BAY	1/10 - 1/3 WSW	▲ E4	11

ADDITIONAL ENVIRONMENTAL RECORDS

Name	Address	Dist/Dir	Map ID	Page
RWCSD-JAMES FLOOD MAGNET SCHOOL HAZNET: HAZNET HWTS: HWTS	320 SHERIDAN DR	Property	▲ A1	8
RAVENSWOOD CITY SCH DIST/JAMES FLOOD ELE HWTS: HWTS	320 SHERIDAN DR	Property	▲ A2	10
EPA ACADEMY ELEMENTARY-STANFORD San Mateo Co. BI: San Mateo Co. BI	320 SHERIDAN	Property	▲ A3	11
FLOOD PARK (SMCO) Cortese: CORTESE CERS: CERS LUST: LUST HIST UST: HIST UST	215 BAY	1/10 - 1/3 WSW	▲ E4	11
FLOOD PARK SMCO HIST CORTESE: HIST CORTESE	UNKNOWN BAY RD	1/10 - 1/3 WSW	▲ E5	16

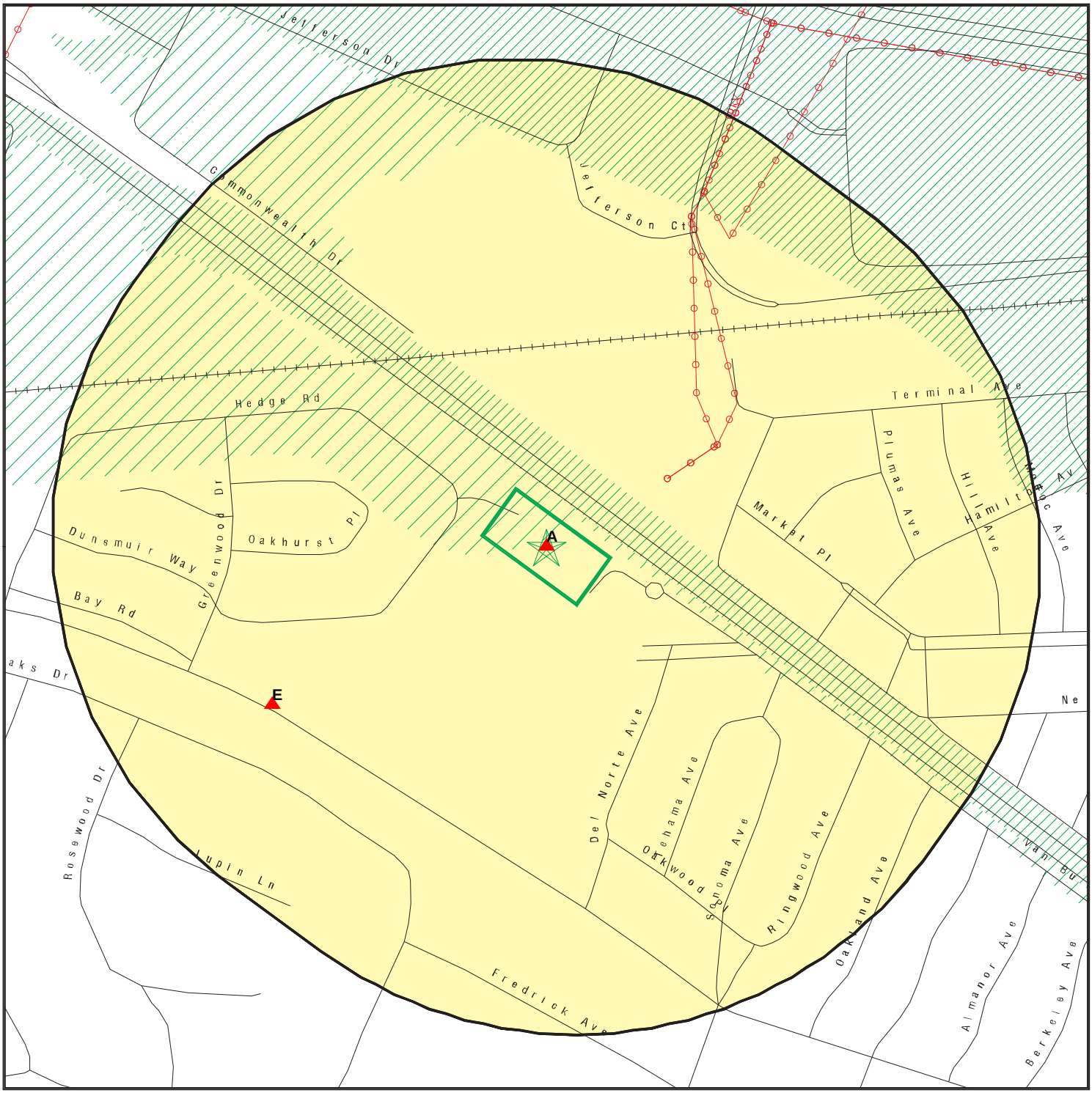
EDR HIGH RISK HISTORICAL RECORDS

Name	Address	Dist/Dir	Map ID	Page
Not Reported				

EDR RECOVERED GOVERNMENT ARCHIVES

Name	Address	Dist/Dir	Map ID	Page
Not Reported				

PRIMARY MAP - 7302428.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

0 300 1/3 Miles

Indian Reservations BIA

Power transmission lines

Special Flood Hazard Area (1%)

0.2% Annual Chance Flood Hazard

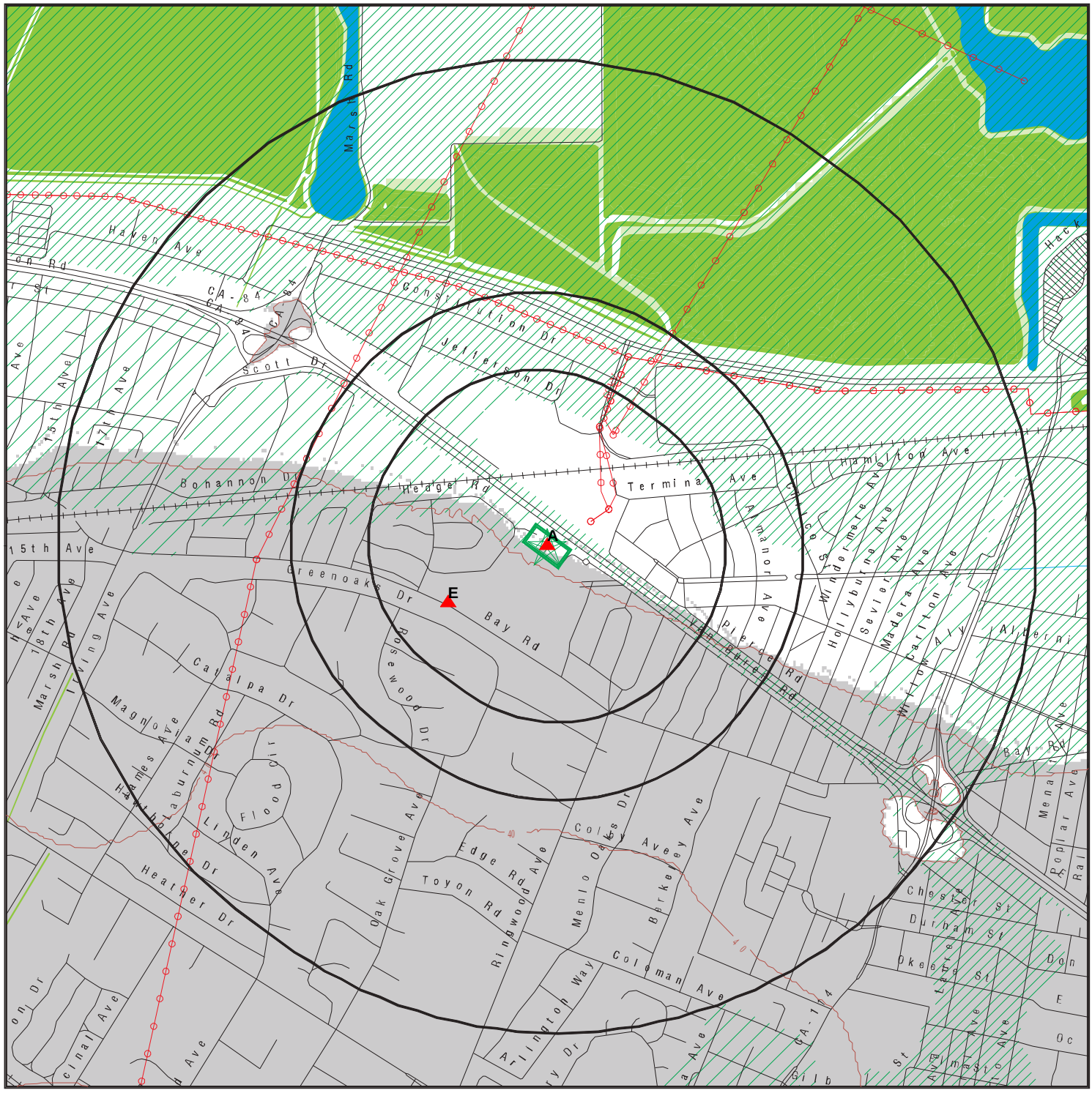
Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: 320 Sheridan Drive ADDRESS: 320 Sheridan Drive Menlo Park CA 94025 LAT/LONG: 37.476883 / 122.170261	CLIENT: Citadel Environmental Services CONTACT: Annie Liu INQUIRY #: 7302428.2s DATE: April 07, 2023 2:06 pm

A1375

SECONDARY MAP - 7302428.2S



0 1/3 1/2 1 Miles

- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- Special Flood Hazard Area (1%)
- 0.2% Annual Chance Flood Hazard
- National Wetland Inventory
- State Wetlands
- Upgradient Area
- Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: 320 Sheridan Drive	CLIENT: Citadel Environmental Services
ADDRESS: 320 Sheridan Drive Menlo Park CA 94025	CONTACT: Annie Liu
A1376	INQUIRY #: 7302428.2s
LAT/LONG: 37.476883 / 122.170261	DATE: April 07, 2023 2:04 pm

MAP FINDINGS

LEGEND

FACILITY NAME **FACILITY ADDRESS, CITY, ST, ZIP**		EDR SITE ID NUMBER
◆ **MAP ID#**	Direction Distance Range (Distance feet / miles) Relative Elevation Feet Above Sea Level	ASTM 2600 Record Sources found in this report. Each database searched has been assigned to one or more categories. For detailed information about categorization, see the section of the report Records Searched and Currency.

Worksheet:

Comments:
Comments may be added on the online Vapor Encroachment Worksheet.

DATABASE ACRONYM: Applicable categories (A hoverbox with database description).

RWCSD-JAMES FLOOD MAGNET SCHOOL 320 SHERIDAN DR, MENLO PARK, CA, 94025		S112934926
▲ A1	Target Property 19 ft. Above Sea Level	Other Ascertainable Records

Worksheet:

HAZNET: Other Ascertainable Records

Name:	RWCSD-JAMES FLOOD MAGNET SCHOOL
Address:	320 SHERIDAN DR
Address 2:	Not Reported
City,State,Zip:	MENLO PARK, CA 94025
Contact:	JOSE LUIS ALCARAZ
Telephone:	6503292800
Mailing Name:	Not Reported
Mailing Address:	2160 EUCLID AVE
Year:	2004
Gepaid:	CAC002573413
TSD EPA ID:	CAD028409019
CA Waste Code:	352 - Other organic solids
Disposal Method:	H01 - Transfer Station
Tons:	0.2107

Additional Info:

Year:	2004
Gen EPA ID:	CAC002573413
Shipment Date:	20040116
Creation Date:	8/20/2004 9:41:48
Receipt Date:	20040129
Manifest ID:	21837913

RWCSD-JAMES FLOOD MAGNET SCHOOL, 320 SHERIDAN DR, MENLO PARK, CA 94025 (Continued)

Trans EPA ID:	CAR000037283
Trans Name:	WORLD ENVIRONMENTAL & ENERGY
Trans 2 EPA ID:	CAD982524480
Trans 2 Name:	CROSBY & OVERTON
TSDF EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON INC
TSDF Alt EPA ID:	CAD028409019
TSDF Alt Name:	Not Reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not Reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.2107
Waste Quantity:	0.25
Quantity Unit:	Y
Additional Code 1:	Not Reported
Additional Code 2:	Not Reported
Additional Code 3:	Not Reported
Additional Code 4:	Not Reported
Additional Code 5:	Not Reported

HWTS: Other Ascertainable Records

Name:	RWCSD-JAMES FLOOD MAGNET SCHOOL
Address:	320 SHERIDAN DR
Address 2:	Not Reported
City,State,Zip:	MENLO PARK, CA 94025
EPA ID:	CAC002573413
Inactive Date:	10/27/2004
Create Date:	01/09/2004
Last Act Date:	Not Reported
Mailing Name:	Not Reported
Mailing Address:	2160 EUCLID AVE
Mailing Address 2:	Not Reported
Mailing City,State,Zip:	EAST PALO ALTO, CA 94303
Owner Name:	RWCSD
Owner Address:	2160 EUCLID AVE
Owner Address 2:	Not Reported
Owner City,State,Zip:	EAST PALO ALTO, CA 94303
Contact Name:	JOSE LUIS ALCARAZ
Contact Address:	2160 EUCLID AVE
Contact Address 2:	Not Reported
City,State,Zip:	EAST PALO ALTO, CA 94303
Facility Status:	Inactive
Facility Type:	TEMPORARY
Category:	STATE
Latitude:	37.477433
Longitude:	-122.17133

Name:	RWCSD-JAMES FLOOD MAGNET SCHOOL
Address:	320 SHERIDAN DR
Address 2:	Not Reported

RWCSD-JAMES FLOOD MAGNET SCHOOL, 320 SHERIDAN DR, MENLO PARK, CA 94025 (Continued)

City,State,Zip:	MENLO PARK, CA 94025
EPA ID:	CAC002643359
Inactive Date:	12/13/2009
Create Date:	06/15/2009
Last Act Date:	Not Reported
Mailing Name:	Not Reported
Mailing Address:	2160 EUCLID AVE
Mailing Address 2:	Not Reported
Mailing City,State,Zip:	EAST PALO ALTO, CA 94303
Owner Name:	RWCSD
Owner Address:	2160 EUCLID AVE
Owner Address 2:	Not Reported
Owner City,State,Zip:	EAST PALO ALTO, CA 94303
Contact Name:	TAMMIE HARIS
Contact Address:	2160 EUCLID AVE
Contact Address 2:	Not Reported
City,State,Zip:	EAST PALO ALTO, CA 94303
Facility Status:	Inactive
Facility Type:	TEMPORARY
Category:	STATE
Latitude:	37.477433
Longitude:	-122.171326

RAVENSWOOD CITY SCH DIST/JAMES FLOOD ELE 320 SHERIDAN DR, MENLO PARK, CA, 94025		S124569762
▲ A2	Target Property	Other Ascertainable Records
	19 ft. Above Sea Level	

Worksheet:

HWTS: Other Ascertainable Records

Name:	RAVENSWOOD CITY SCH DIST/JAMES FLOOD ELE
Address:	320 SHERIDAN DR
Address 2:	Not Reported
City,State,Zip:	MENLO PARK, CA 94025
EPA ID:	CAC002485303
Inactive Date:	09/10/2002
Create Date:	01/25/2002
Last Act Date:	Not Reported
Mailing Name:	Not Reported
Mailing Address:	2160 EUCLID AVE
Mailing Address 2:	Not Reported
Mailing City,State,Zip:	EAST PALO ALTO, CA 943030000
Owner Name:	RAVENSWOOD CITY SCH DIST
Owner Address:	2160 EUCLID AVE
Owner Address 2:	Not Reported
Owner City,State,Zip:	EAST PALO ALTO, CA 943030000
Contact Name:	MAX SMITH/EX 126

RAVENSWOOD CITY SCH DIST/JAMES FLOOD ELE, 320 SHERIDAN DR, MENLO PARK, CA 94025 (Continued)

Contact Address:	2160 EUCLID AVE
Contact Address 2:	Not Reported
City,State,Zip:	EAST PALO ALTO, CA 943030000
Facility Status:	Inactive
Facility Type:	TEMPORARY
Category:	STATE
Latitude:	37.477307
Longitude:	-122.170822

EPA ACADEMY ELEMENTARY-STANFORD 320 SHERIDAN, MENLO PARK, CA, 94025		S123180807
▲ A3	Target Property	Other Ascertainable Records
	19 ft. Above Sea Level	

Worksheet:

San Mateo Co. BI: Other Ascertainable Records

Name:	EPA ACADEMY ELEMENTARY-STANFORD
Address:	320 SHERIDAN
City,State,Zip:	MENLO PARK, CA 94025
Region:	SAN MATEO
Facility ID:	FA0024436
Prog Element Code:	STORMWATER ANNUAL INSPECTION FEE
Record Id:	PR0041996
Description:	STORMWATER ANNUAL FEE - INSP FREQ EVERY 2 YRS
Facility Status:	Inactive, non-billable
Program Category:	STORMWATER

FLOOD PARK (SMCO) 215 BAY, MENLO PARK, CA, 94025			U001594187
▲ E4	WSW 1/10 - 1/3	(1104 ft. / 0.209 mi.)	Lists of state and tribal leaking storage tanks Local Lists of Registered Storage Tanks Other Ascertainable Records
	6 ft. Higher Elevation	25 ft. Above Sea Level	

Worksheet:

SAN MATEO CO. LUST: Lists of state and tribal leaking storage tanks

Name:	FLOOD PARK (SMCO)
Address:	215 BAY RD
City,State,Zip:	MENLO PARK, CA
Region:	SAN MATEO
Facility ID:	440029
Facility Status:	9- Case Closed
Global ID:	T0608100221
APN Number:	055311010
Case Type:	MENLO PARK, CA
EDR Link ID:	MENLO PARK, CA

FLOOD PARK (SMCO), 215 BAY, MENLO PARK, CA 94025 (Continued)

LUST:

Name:	FLOOD PARK (SMCO)
Address:	215 BAY
City,State,Zip:	MENLO PARK, CA 94025
Lead Agency:	SAN MATEO COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608100221
Global Id:	T0608100221
Latitude:	37.475011
Longitude:	-122.171509
Status:	Completed - Case Closed
Status Date:	09/10/1997
Case Worker:	Not Reported
RB Case Number:	41-0232
Local Agency:	Not Reported
File Location:	Local Agency
Local Case Number:	440029
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Gasoline
EPA Region:	9
Coordinate Source:	Google Geocode
Cuf Case:	NO
Quantity Released Gallons:	0
Begin Date:	12/23/1987
Leak Reported Date:	12/23/1987
How Discovered:	Other Means
How Discovered Description:	Not Reported
Discharge Source:	Not Reported
Discharge Cause:	Not Reported
Stop Method:	Other Means
Stop Description:	Not Reported
No Further Action Date:	09/10/1997
CA Water Watershed Name:	South Bay - San Mateo Bayside (204.40)
Dwr Groundwater Subbasin Name:	Santa Clara Valley - San Mateo Plain (2-009.03)
Disadvantaged Community:	Not Reported
CA Enviroscreen 3 Score:	16-20%
CA Enviroscreen 4 Score:	5-10%
Military DOD Site:	No
Facility Project Subtype:	Not Reported
RWQCB Region:	SAN FRANCISCO BAY RWQCB (REGION 2)
Site History:	Not Reported

LUST:

Global Id:	T0608100221
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND

FLOOD PARK (SMCO), 215 BAY, MENLO PARK, CA 94025 (Continued)

Email:	Not Reported
Phone Number:	Not Reported
Global Id:	T0608100221
Contact Type:	Regional Board Caseworker
Contact Name:	UUU
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not Reported
Phone Number:	Not Reported

LUST:

Global Id:	T0608100221
Action Type:	ENFORCEMENT
Date:	09/24/1990
Action:	Notice of Responsibility - #1
Global Id:	T0608100221
Action Type:	Other
Date:	12/23/1987
Action:	Leak Reported
Global Id:	T0608100221
Action Type:	RESPONSE
Date:	11/01/2006
Action:	Other Report / Document
Global Id:	T0608100221
Action Type:	ENFORCEMENT
Date:	11/01/2006
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0608100221
Action Type:	ENFORCEMENT
Date:	11/01/2006
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0608100221
Action Type:	ENFORCEMENT
Date:	04/03/1992
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0608100221
Action Type:	Other
Date:	05/29/1992
Action:	Leak Discovery

LUST:

Global Id:	T0608100221
Status:	Open - Case Begin Date
Status Date:	12/23/1987

FLOOD PARK (SMCO), 215 BAY, MENLO PARK, CA 94025 (Continued)

Global Id:	T0608100221
Status:	Completed - Case Closed
Status Date:	09/10/1997

LUST REG 2:

Region:	2
Facility Id:	Not Reported
Facility Status:	Case Closed
Case Number:	440029
How Discovered:	OM
Leak Cause:	Unknown
Leak Source:	Unknown
Date Leak Confirmed:	Not Reported
Oversight Program:	LUST
Prelim. Site Assesment Wokplan Submitted:	Not Reported
Preliminary Site Assesment Began:	Not Reported
Pollution Characterization Began:	Not Reported
Pollution Remediation Plan Submitted:	Not Reported
Date Remediation Action Underway:	Not Reported
Date Post Remedial Action Monitoring Began:	Not Reported

HIST UST: Local Lists of Registered Storage Tanks

Name:	FLOOD PARK
Address:	215 BAY ROAD
City,State,Zip:	MENLO PARK, CA 94025
File Number:	0002bdbc
URL:	https://documents.geotracker.waterboards.ca.gov/ustpdfs/pdf/0002bdbc.pdf
Region:	STATE
Facility ID:	00000038772
Facility Type:	Other
Other Type:	COUNTY PARK
Contact Name:	BOB EMERT
Telephone:	4153634020
Owner Name:	COUNTY OF SAN MATEO, DEPARTMEN
Owner Address:	590 HAMILTON, COUNTY GOVERNMEN
Owner City,St,Zip:	REDWOOD CITY, CA 94063
Total Tanks:	0002
Tank Num:	001
Container Num:	01
Year Installed:	Not Reported
Tank Capacity:	00000750
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not Reported
Leak Detection:	Visual

FLOOD PARK (SMCO), 215 BAY, MENLO PARK, CA 94025 (Continued)

Tank Num:	002
Container Num:	02
Year Installed:	Not Reported
Tank Capacity:	00000000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not Reported
Leak Detection:	Visual
Click here for Geo Tracker PDF:	http://www.web.edrnet.com/ordering/switchboard/redirect.aspx?s=GRR_CA_HISTUST_PDF&img_id=0002bdbc

CORTESE: Other Ascertainable Records

Name:	FLOOD PARK (SMCO)
Address:	215 BAY
City,State,Zip:	MENLO PARK, CA 94025
Region:	CORTESE
Envirostor Id:	Not Reported
Global ID:	T0608100221
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not Reported
Site Code:	Not Reported
Latitude:	Not Reported
Longitude:	Not Reported
Owner:	Not Reported
Enf Type:	Not Reported
Swat R:	Not Reported
Flag:	active
Order No:	Not Reported
Waste Discharge System No:	Not Reported
Effective Date:	Not Reported
Region 2:	Not Reported
WID Id:	Not Reported
Solid Waste Id No:	Not Reported
Waste Management Uit Name:	Not Reported
File Name:	Active Open

CERS: Other Ascertainable Records

Name:	FLOOD PARK (SMCO)
Address:	215 BAY
City,State,Zip:	MENLO PARK, CA 94025
Site ID:	254692
CERS ID:	T0608100221
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	UUU - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not Reported

FLOOD PARK (SMCO), 215 BAY, MENLO PARK, CA 94025 (Continued)

Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not Reported
Affiliation Zip:	Not Reported
Affiliation Phone:	,
Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not Reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not Reported
Affiliation Zip:	Not Reported
Affiliation Phone:	,

FLOOD PARK SMCO UNKNOWN BAY RD, MENLO PARK, CA, 94025		S104234101
▲ E5	WSW 1/10 - 1/3 (1104 ft. / 0.209 mi.)	Other Ascertainable Records
	6 ft. Higher Elevation 25 ft. Above Sea Level	

Worksheet:

HIST CORTESE: Other Ascertainable Records

edr_fname:	FLOOD PARK SMCO
edr_fadd1:	UNKNOWN BAY RD
City,State,Zip:	MENLO PARK, CA 94025
Region:	CORTESE
Facility County Code:	41
Reg By:	LTNKA
Reg Id:	41-0232
edr_fname:	REDWOOD PLAZA SHOPPING CE
edr_fadd1:	UNKNOWN BAY RD
City,State,Zip:	MENLO PARK, CA 94025
Region:	CORTESE
Facility County Code:	41
Reg By:	LTNKA
Reg Id:	41-0822

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
ENVIRONMENTAL RECORDS						
Federal NPL site list						
US	NPL	National Priority List	EPA	01/25/2023	02/03/2023	02/28/2023
US	Proposed NPL	Proposed National Priority List Sites	EPA	01/25/2023	02/02/2023	02/28/2023
US	NPL LIENS	Federal Superfund Liens	EPA	10/15/1991	02/02/1994	03/30/1994
Federal CERCLIS list						
US	SEMS	Superfund Enterprise Management System	EPA	01/25/2023	02/02/2023	02/28/2023
Federal RCRA CORRACTS facilities list						
US	CORRACTS	Corrective Action Report	EPA	03/06/2023	03/09/2023	03/20/2023
Federal RCRA TSD facilities list						
US	RCRA-TSDF	RCRA - Treatment, Storage and Disposal	Environmental Protection Agency	03/06/2023	03/09/2023	03/20/2023
Federal RCRA generators list						
US	RCRA-LQG	RCRA - Large Quantity Generators	Environmental Protection Agency	03/06/2023	03/09/2023	03/20/2023
US	RCRA-SQG	RCRA - Small Quantity Generators	Environmental Protection Agency	03/06/2023	03/09/2023	03/20/2023
US	RCRA-VSQG	RCRA - Very Small Quantity Generators (Formerly Conditionall	Environmental Protection Agency	03/06/2023	03/09/2023	03/20/2023
Federal institutional controls / engineering controls registries						
US	LUCIS	Land Use Control Information System	Department of the Navy	11/02/2022	11/08/2022	01/10/2023
US	US ENG CONTROLS	Engineering Controls Sites List	Environmental Protection Agency	10/27/2022	11/16/2022	02/09/2023
US	US INST CONTROLS	Institutional Controls Sites List	Environmental Protection Agency	10/27/2022	11/16/2022	02/09/2023
Federal ERNS list						
US	ERNS	Emergency Response Notification System	National Response Center, United States Coast	12/12/2022	12/14/2022	12/19/2022
State and tribal - equivalent NPL						
CA	RESPONSE	State Response Sites	Department of Toxic Substances Control	10/24/2022	10/24/2022	01/12/2023
State and tribal - equivalent CERCLIS						
CA	ENVIROSTOR	EnviroStor Database	Department of Toxic Substances Control	10/24/2022	10/24/2022	01/12/2023
State and tribal landfill / solid waste disposal						
CA	SWF/LF (SWIS)	Solid Waste Information System	Department of Resources Recycling and Recover	11/03/2022	11/03/2022	01/25/2023
State and tribal leaking storage tank lists						
CA	LUST REG 4	Underground Storage Tank Leak List	California Regional Water Quality Control Boa	09/07/2004	09/07/2004	10/12/2004
CA	LUST REG 5	Leaking Underground Storage Tank Database	California Regional Water Quality Control Boa	07/01/2008	07/22/2008	07/31/2008
CA	LUST REG 7	Leaking Underground Storage Tank Case Listing	California Regional Water Quality Control Boa	02/26/2004	02/26/2004	03/24/2004
CA	LUST REG 8	Leaking Underground Storage Tanks	California Regional Water Quality Control Boa	02/14/2005	02/15/2005	03/28/2005
CA	LUST REG 3	Leaking Underground Storage Tank Database	California Regional Water Quality Control Boa	05/19/2003	05/19/2003	06/02/2003
CA	LUST REG 2	Fuel Leak List	California Regional Water Quality Control Boa	09/30/2004	10/20/2004	11/19/2004
CA	LUST REG 1	Active Toxic Site Investigation	California Regional Water Quality Control Boa	02/01/2001	02/28/2001	03/29/2001

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
CA	LUST REG 6V	Leaking Underground Storage Tank Case Listing	California Regional Water Quality Control Boa	06/07/2005	06/07/2005	06/29/2005
CA	LUST	Leaking Underground Fuel Tank Report (GEOTRACKER)	State Water Resources Control Board	03/06/2023	03/07/2023	03/30/2023
CA	LUST REG 6L	Leaking Underground Storage Tank Case Listing	California Regional Water Quality Control Boa	09/09/2003	09/10/2003	10/07/2003
CA	LUST REG 9	Leaking Underground Storage Tank Report	California Regional Water Quality Control Boa	03/01/2001	04/23/2001	05/21/2001
US	INDIAN LUST R6	Leaking Underground Storage Tanks on Indian Land	EPA Region 6	11/23/2022	12/06/2022	03/03/2023
US	INDIAN LUST R4	Leaking Underground Storage Tanks on Indian Land	EPA Region 4	11/26/2022	12/06/2022	03/03/2023
US	INDIAN LUST R7	Leaking Underground Storage Tanks on Indian Land	EPA Region 7	10/14/2022	12/06/2022	03/03/2023
US	INDIAN LUST R8	Leaking Underground Storage Tanks on Indian Land	EPA Region 8	11/23/2022	12/06/2022	03/03/2023
US	INDIAN LUST R9	Leaking Underground Storage Tanks on Indian Land	Environmental Protection Agency	11/23/2022	12/06/2022	03/03/2023
US	INDIAN LUST R5	Leaking Underground Storage Tanks on Indian Land	EPA, Region 5	10/14/2022	12/06/2022	03/03/2023
US	INDIAN LUST R1	Leaking Underground Storage Tanks on Indian Land	EPA Region 1	10/19/2022	12/06/2022	03/03/2023
US	INDIAN LUST R10	Leaking Underground Storage Tanks on Indian Land	EPA Region 10	04/20/2022	06/13/2022	08/16/2022
CA	CPS-SLIC	Statewide SLIC Cases (GEOTRACKER)	State Water Resources Control Board	03/06/2023	03/07/2023	03/31/2023
CA	SLIC REG 1	Active Toxic Site Investigations	California Regional Water Quality Control Boa	04/03/2003	04/07/2003	04/25/2003
CA	SLIC REG 2	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	Regional Water Quality Control Board San Fran	09/30/2004	10/20/2004	11/19/2004
CA	SLIC REG 3	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	California Regional Water Quality Control Boa	05/18/2006	05/18/2006	06/15/2006
CA	SLIC REG 4	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	Region Water Quality Control Board Los Angele	11/17/2004	11/18/2004	01/04/2005
CA	SLIC REG 5	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	Regional Water Quality Control Board Central	04/01/2005	04/05/2005	04/21/2005
CA	SLIC REG 6V	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	Regional Water Quality Control Board, Victorv	05/24/2005	05/25/2005	06/16/2005
CA	SLIC REG 6L	SLIC Sites	California Regional Water Quality Control Boa	09/07/2004	09/07/2004	10/12/2004
CA	SLIC REG 7	SLIC List	California Regional Quality Control Board, Co	11/24/2004	11/29/2004	01/04/2005
CA	SLIC REG 8	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	California Region Water Quality Control Board	04/03/2008	04/03/2008	04/14/2008
CA	SLIC REG 9	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	California Regional Water Quality Control Boa	09/10/2007	09/11/2007	09/28/2007
State and tribal registered storage tank lists						
CA	UST	Active UST Facilities	SWRCB	12/02/2022	12/02/2022	02/22/2023
CA	MILITARY UST SITES	Military UST Sites (GEOTRACKER)	State Water Resources Control Board	03/06/2023	03/07/2023	03/31/2023
CA	UST CLOSURE	Proposed Closure of Underground Storage Tank (UST) Cases	State Water Resources Control Board	11/28/2022	12/02/2022	02/23/2023
CA	AST	Aboveground Petroleum Storage Tank Facilities	California Environmental Protection Agency	07/06/2016	07/12/2016	09/19/2016
US	INDIAN UST R6	Underground Storage Tanks on Indian Land	EPA Region 6	11/23/2022	12/06/2022	03/03/2023
US	INDIAN UST R5	Underground Storage Tanks on Indian Land	EPA Region 5	10/14/2022	12/06/2022	03/03/2023
US	INDIAN UST R1	Underground Storage Tanks on Indian Land	EPA, Region 1	10/19/2022	12/06/2022	03/03/2023
US	INDIAN UST R7	Underground Storage Tanks on Indian Land	EPA Region 7	10/14/2022	12/06/2022	03/03/2023
US	INDIAN UST R4	Underground Storage Tanks on Indian Land	EPA Region 4	11/23/2022	12/06/2022	03/03/2023
US	INDIAN UST R9	Underground Storage Tanks on Indian Land	EPA Region 9	11/23/2022	12/06/2022	03/03/2023
US	INDIAN UST R8	Underground Storage Tanks on Indian Land	EPA Region 8	11/23/2022	12/06/2022	03/03/2023
US	INDIAN UST R10	Underground Storage Tanks on Indian Land	EPA Region 10	04/20/2022	06/13/2022	08/16/2022
US	FEMA UST	Underground Storage Tank Listing	FEMA	10/14/2021	11/05/2021	02/01/2022
State and tribal voluntary cleanup sites						
CA	VCP	Voluntary Cleanup Program Properties	Department of Toxic Substances Control	10/24/2022	10/24/2022	01/12/2023
US	INDIAN VCP R7	Voluntary Cleanup Priority Lisitng	EPA, Region 7	03/20/2008	04/22/2008	05/19/2008
US	INDIAN VCP R1	Voluntary Cleanup Priority Listing	EPA, Region 1	07/27/2015	09/29/2015	02/18/2016

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
State and tribal Brownfields sites						
CA	BROWNFIELDS	Considered Brownfieds Sites Listing	State Water Resources Control Board	12/14/2022	12/14/2022	03/07/2023
Other Records						
US	CONSENT	Superfund (CERCLA) Consent Decrees	Department of Justice, Consent Decree Library	09/30/2022	10/21/2022	01/10/2023
US	ROD	Records Of Decision	EPA	01/25/2023	02/02/2023	02/28/2023
US	LIENS 2	CERCLA Lien Information	Environmental Protection Agency	01/25/2023	02/02/2023	02/28/2023
CA	HIST CAL-SITES	Calsites Database	Department of Toxic Substance Control	08/08/2005	08/03/2006	08/24/2006
US	DEBRIS REGION 9	Torres Martinez Reservation Illegal Dump Site Locations	EPA, Region 9	01/12/2009	05/07/2009	09/21/2009
CA	SWRCY	Recycler Database	Department of Conservation	12/02/2022	12/02/2022	02/22/2023
CA	CA FID UST	Facility Inventory Database	California Environmental Protection Agency	10/31/1994	09/05/1995	09/29/1995
CA	HIST UST	Hazardous Substance Storage Container Database	State Water Resources Control Board	10/15/1990	01/25/1991	02/12/1991
CA	SAN FRANCISCO AST	Aboveground Storage Tank Site Listing	San Francisco County Department of Public Hea	11/03/2022	11/07/2022	01/24/2023
CA	SWEEPS UST	SWEEPS UST Listing	State Water Resources Control Board	06/01/1994	07/07/2005	08/11/2005
US	SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing	Environmental Protection Agency	07/30/2021	02/03/2023	02/10/2023
US	PCB TRANSFORMER	PCB Transformer Registration Database	Environmental Protection Agency	09/13/2019	11/06/2019	02/10/2020
US	US AIRS MINOR	Air Facility System Data	EPA	10/12/2016	10/26/2016	02/03/2017
US	US AIRS (AFS)	Aerometric Information Retrieval System Facility Subsystem (	EPA	10/12/2016	10/26/2016	02/03/2017
US	EPA WATCH LIST	EPA WATCH LIST	Environmental Protection Agency	08/30/2013	03/21/2014	06/17/2014
US	LEAD SMELTER 2	Lead Smelter Sites	American Journal of Public Health	04/05/2001	10/27/2010	12/02/2010
US	COAL ASH EPA	Coal Combustion Residues Surface Impoundments List	Environmental Protection Agency	01/12/2017	03/05/2019	11/11/2019
US	LEAD SMELTER 1	Lead Smelter Sites	Environmental Protection Agency	01/25/2023	02/02/2023	02/28/2023
US	US FIN ASSUR	Financial Assurance Information	Environmental Protection Agency	12/13/2022	12/14/2022	03/10/2023
US	2020 COR ACTION	2020 Corrective Action Program List	Environmental Protection Agency	09/30/2017	05/08/2018	07/20/2018
US	US HIST CDL	National Clandestine Laboratory Register	Drug Enforcement Administration	01/06/2023	02/02/2023	02/10/2023
US	FUSRAP	Formerly Utilized Sites Remedial Action Program	Department of Energy	07/26/2021	07/27/2021	10/22/2021
US	COAL ASH DOE	Steam-Electric Plant Operation Data	Department of Energy	12/31/2020	11/30/2021	02/22/2022
US	Delisted NPL	National Priority List Deletions	EPA	01/25/2023	02/02/2023	02/28/2023
US	SEMS-ARCHIVE	Superfund Enterprise Management System Archive	EPA	01/25/2023	02/02/2023	02/28/2023
US	RCRA NonGen / NLR	RCRA - Non Generators / No Longer Regulated	Environmental Protection Agency	03/06/2023	03/09/2023	03/20/2023
US	HMIRS	Hazardous Materials Information Reporting System	U.S. Department of Transportation	12/13/2022	12/14/2022	03/10/2023
US	DOT OPS	Incident and Accident Data	Department of Transporation, Office of Pipeli	01/02/2020	01/28/2020	04/17/2020
US	US CDL	Clandestine Drug Labs	Drug Enforcement Administration	01/06/2023	02/02/2023	02/10/2023
US	US BROWNFIELDS	A Listing of Brownfields Sites	Environmental Protection Agency	02/23/2022	03/10/2022	03/10/2022
US	DOD	Department of Defense Sites	USGS	06/07/2021	07/13/2021	03/09/2022
US	FEDLAND	Federal and Indian Lands	U.S. Geological Survey	04/02/2018	04/11/2018	11/06/2019
US	FUDS	Formerly Used Defense Sites	U.S. Army Corps of Engineers	11/01/2022	11/10/2022	02/09/2023
US	UMTRA	Uranium Mill Tailings Sites	Department of Energy	08/30/2019	11/15/2019	01/28/2020
US	ODI	Open Dump Inventory	Environmental Protection Agency	06/30/1985	08/09/2004	09/17/2004
US	MINES VIOLATIONS	MSHA Violation Assessment Data	DOL, Mine Safety & Health Admi	02/27/2023	03/01/2023	03/24/2023
US	US MINES	Mines Master Index File	Department of Labor, Mine Safety and Health A	11/07/2022	11/17/2022	02/10/2023
US	US MINES 2	Ferrous and Nonferrous Metal Mines Database Listing	USGS	05/06/2020	05/27/2020	08/13/2020
US	US MINES 3	Active Mines & Mineral Plants Database Listing	USGS	04/14/2011	06/08/2011	09/13/2011
US	PRP	Potentially Responsible Parties	EPA	10/27/2022	11/01/2022	11/15/2022
US	TRIS	Toxic Chemical Release Inventory System	EPA	12/31/2021	11/01/2022	02/09/2023
US	TSCA	Toxic Substances Control Act	EPA	12/31/2020	06/14/2022	03/24/2023

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
US	FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fu	EPA/Office of Prevention, Pesticides and Toxi	04/09/2009	04/16/2009	05/11/2009
US	FTTS INSP	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fu	EPA	04/09/2009	04/16/2009	05/11/2009
US	HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing	Environmental Protection Agency	10/19/2006	03/01/2007	04/10/2007
US	HIST FTTS INSP	FIFRA/TSCA Tracking System Inspection & Enforcement Case Lis	Environmental Protection Agency	10/19/2006	03/01/2007	04/10/2007
US	SSTS	Section 7 Tracking Systems	EPA	10/17/2022	10/18/2022	01/10/2023
US	ICIS	Integrated Compliance Information System	Environmental Protection Agency	11/18/2016	11/23/2016	02/10/2017
US	PADS	PCB Activity Database System	EPA	11/03/2022	01/04/2023	04/03/2023
US	MLTS	Material Licensing Tracking System	Nuclear Regulatory Commission	10/26/2022	11/22/2022	12/05/2022
US	RADINFO	Radiation Information Database	Environmental Protection Agency	07/01/2019	07/01/2019	09/23/2019
US	FINDS	Facility Index System/Facility Registry System	EPA	02/02/2023	02/28/2023	03/24/2023
US	RAATS	RCRA Administrative Action Tracking System	EPA	04/17/1995	07/03/1995	08/07/1995
US	RMP	Risk Management Plans	Environmental Protection Agency	04/27/2022	05/04/2022	05/10/2022
US	BRS	Biennial Reporting System	EPA/NTIS	12/31/2021	03/09/2023	03/20/2023
US	PWS	Public Water System Data	EPA	12/17/2013	01/09/2014	10/15/2014
US	INDIAN RESERV	Indian Reservations	USGS	12/31/2014	07/14/2015	01/10/2017
US	INDIAN ODI	Report on the Status of Open Dumps on Indian Lands	Environmental Protection Agency	12/31/1998	12/03/2007	01/24/2008
US	IHS OPEN DUMPS	Open Dumps on Indian Land	Department of Health & Human Serivces, Indian	04/01/2014	08/06/2014	01/29/2015
US	ABANDONED MINES	Abandoned Mines	Department of Interior	12/20/2022	12/20/2022	03/10/2023
CA	CA BOND EXP. PLAN	Bond Expenditure Plan	Department of Health Services	01/01/1989	07/27/1994	08/02/1994
CA	CDL	Clandestine Drug Labs	Department of Toxic Substances Control	12/31/2020	11/30/2022	02/09/2023
CA	CHMIRS	California Hazardous Material Incident Report System	Office of Emergency Services	08/02/2022	10/17/2022	01/04/2023
CA	CORTESE	"Cortese" Hazardous Waste & Substances Sites List	CAL EPA/Office of Emergency Information	12/14/2022	12/14/2022	03/07/2023
CA	CUPA LIVERMORE-PLEASANTON	CUPA Facility Listing	Livermore-Pleasanton Fire Department	12/07/2021	05/09/2022	05/17/2022
CA	DEED	Deed Restriction Listing	DTSC and SWRCB	11/28/2022	11/29/2022	02/13/2023
CA	DRYCLEANERS	Cleaner Facilities	Department of Toxic Substance Control	08/27/2021	09/01/2021	11/19/2021
CA	DRYCLEAN SOUTH COAST	South Coast Air Quality Management District Drycleaner Listi	South Coast Air Quality Management District	11/17/2022	11/30/2022	02/14/2023
CA	DRYCLEAN AVAQMD	Antelope Valley Air Quality Management District Drycleaner L	Antelope Valley Air Quality Management Distri	11/14/2022	11/14/2022	02/01/2023
CA	EMI	Emissions Inventory Data	California Air Resources Board	12/31/2020	06/13/2022	08/30/2022
CA	ENF	Enforcement Action Listing	State Water Resoruces Control Board	01/10/2023	01/18/2023	04/04/2023
CA	Financial Assurance 1	Financial Assurance Information Listing	Department of Toxic Substances Control	01/11/2023	01/17/2023	04/04/2023
CA	Financial Assurance 2	Financial Assurance Information Listing	California Integrated Waste Management Board	11/08/2022	11/23/2022	02/13/2023
CA	HAULERS	Registered Waste Tire Haulers Listing	Integrated Waste Management Board	11/16/2022	11/22/2022	02/13/2023
CA	HAZNET	Facility and Manifest Data	California Environmental Protection Agency	12/31/2021	07/05/2022	09/19/2022
CA	HIST CORTESE	Hazardous Waste & Substance Site List	Department of Toxic Substances Control	04/01/2001	01/22/2009	04/08/2009
CA	HWP	EnviroStor Permitted Facilities Listing	Department of Toxic Substances Control	11/10/2022	11/10/2022	02/01/2023
CA	HWT	Registered Hazardous Waste Transporter Database	Department of Toxic Substances Control	01/03/2023	01/04/2023	03/21/2023
CA	ICE	ICE	Department of Toxic Subsances Control	11/10/2022	11/10/2022	02/01/2023
CA	LDS	Land Disposal Sites Listing (GEOTRACKER)	State Water Qualilty Control Board	03/06/2023	03/07/2023	03/30/2023
CA	LIENS	Environmental Liens Listing	Department of Toxic Substances Control	02/23/2023	02/24/2023	03/23/2023
CA	MCS	Military Cleanup Sites Listing (GEOTRACKER)	State Water Resources Control Board	03/06/2023	03/07/2023	03/31/2023
CA	MINES	Mines Site Location Listing	Department of Conservation	12/02/2022	12/02/2022	02/22/2023
CA	MWMP	Medical Waste Management Program Listing	Department of Public Health	10/31/2022	11/29/2022	02/14/2023
CA	NPDES	NPDES Permits Listing	State Water Resources Control Board	11/03/2022	11/03/2022	01/25/2023
CA	PEST LIC	Pesticide Regulation Licenses Listing	Department of Pesticide Regulation	11/28/2022	11/29/2022	02/14/2023
CA	PROC	Certified Processors Database	Department of Conservation	03/06/2023	03/07/2023	03/31/2023
CA	NOTIFY 65	Proposition 65 Records	State Water Resources Control Board	12/07/2022	12/07/2022	03/01/2023
CA	SAN JOSE HAZMAT	Hazardous Material Facilities	City of San Jose Fire Department	11/03/2020	11/05/2020	01/26/2021

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
CA	SCH	School Property Evaluation Program	Department of Toxic Substances Control	10/24/2022	10/24/2022	01/12/2023
CA	SPILLS 90	SPILLS90 data from FirstSearch	FirstSearch	06/06/2012	01/03/2013	02/22/2013
CA	TOXIC PITS	Toxic Pits Cleanup Act Sites	State Water Resources Control Board	07/01/1995	08/30/1995	09/26/1995
CA	UIC	UIC Listing	Deaprtment of Conservation	03/06/2023	03/07/2023	03/31/2023
CA	WASTEWATER PITS	Oil Wastewater Pits Listing	RWQCB, Central Valley Region	02/11/2021	07/01/2021	09/29/2021
CA	WDS	Waste Discharge System	State Water Resources Control Board	06/19/2007	06/20/2007	06/29/2007
CA	WIP	Well Investigation Program Case List	Los Angeles Water Quality Control Board	07/03/2009	07/21/2009	08/03/2009
CA	WMUDS/SWAT	Waste Management Unit Database	State Water Resources Control Board	04/01/2000	04/10/2000	05/10/2000
US	PFAS TRIS	List of PFAS Added to the TRI	Environmental Protection Agency	03/07/2023	03/07/2023	03/24/2023
US	PFAS NPDES	Clean Water Act Discharge Monitoring Information	Environmental Protection Agency	01/03/2022	03/31/2022	11/08/2022
US	PFAS ATSDR	PFAS Contamination Site Location Listing	Department of Health & Human Services	06/24/2020	03/17/2021	11/08/2022
CA	PROD WATER PONDS	Produced Water Ponds Sites (GEOTRACKER)	State Water Resources Control Board	03/06/2023	03/07/2023	03/31/2023
CA	PROJECT	Project Sites (GEOTRACKER)	State Water Resources Control Board	03/06/2023	03/07/2023	03/31/2023
CA	SAMPLING POINT	Sampling Point ? Public Sites (GEOTRACKER)	State Water Resources Control Board	03/06/2023	03/07/2023	03/31/2023
CA	UIC GEO	Underground Injection Control Sites (GEOTRACKER)	State Water Resource Control Board	03/06/2023	03/07/2023	03/31/2023
CA	WELL STIM PROJ	Well Stimulation Project (GEOTRACKER)	State Water Resources Control Board	03/06/2023	03/07/2023	03/31/2023
US	MINES MRDS	Mineral Resources Data System	USGS	08/23/2022	11/22/2022	02/28/2023
US	DOCKET HWC	Hazardous Waste Compliance Docket Listing	Environmental Protection Agency	05/06/2021	05/21/2021	08/11/2021
CA	CERS TANKS	California Environmental Reporting System (CERS) Tanks	California Environmental Protection Agency	01/06/2023	01/06/2023	01/11/2023
CA	CERS HAZ WASTE	CERS HAZ WASTE	CalEPA	01/05/2023	01/06/2023	01/11/2023
CA	AQUEOUS FOAM	Former Fire Training Facility Assessments Listing	State Water Resources Control Board	09/06/2022	09/06/2022	10/26/2022
CA	MILITARY PRIV SITES	Military Privatized Sites (GEOTRACKER)	State Water Resources Control Board	03/06/2023	03/07/2023	03/31/2023
CA	NON-CASE INFO	Non-Case Information Sites (GEOTRACKER)	State Water Resources Control Board	03/06/2023	03/07/2023	03/31/2023
US	ECHO	Enforcement & Compliance History Information	Environmental Protection Agency	01/01/2023	01/04/2023	04/03/2023
US	FEDERAL FACILITY	Federal Facility Site Information listing	Environmental Protection Agency	12/20/2022	12/21/2022	03/10/2023
US	PFAS RCRA MANIFEST	PFAS Transfers Identified In the RCRA Database Listing	Environmental Protection Agency	01/03/2022	03/31/2022	11/08/2022
US	AQUEOUS FOAM NRC	Aqueous Foam Related Incidents Listing	Environmental Protection Agency	01/02/2023	01/05/2023	04/03/2023
CA	PFAS	PFAS Contamination Site Location Listing	State Water Resources Control Board	12/02/2022	12/02/2022	02/23/2023
CA	WDR	Waste Discharge Requirements Listing	State Water Resources Control Board	12/02/2022	12/02/2022	02/23/2023
US	FUELS PROGRAM	EPA Fuels Program Registered Listing	EPA	11/10/2022	11/10/2022	02/09/2023
CA	CIWQS	California Integrated Water Quality System	State Water Resources Control Board	11/28/2022	11/29/2022	02/13/2023
CA	HWTS	Hazardous Waste Tracking System	Department of Toxic Substances Control	04/05/2022	04/05/2022	04/26/2022
CA	CERS	CalEPA Regulated Site Portal Data	California Environmental Protection Agency	01/05/2023	01/06/2023	01/10/2023
US	PFAS NPL	Superfund Sites with PFAS Detections Information	Environmental Protection Agency	02/23/2022	07/08/2022	11/08/2022
US	PFAS TSCA	PFAS Manufacture and Imports Information	Environmental Protection Agency	01/03/2022	03/31/2022	11/08/2022
CA	OTHER OIL GAS	Other Oil & Gas Projects Sites (GEOTRACKER)	State Water Resources Control Board	03/06/2023	03/07/2023	03/31/2023
US	PFAS ECHO	Facilities in Industries that May Be Handling PFAS Listing	Environmental Protection Agency	03/30/2023	03/30/2023	04/03/2023
US	PFAS PART 139 AIRPORT	All Certified Part 139 Airports PFAS Information Listing	Environmental Protection Agency	03/30/2023	03/30/2023	04/03/2023
US	PFAS ECHO FIRE TRAINING	Facilities in Industries that May Be Handling PFAS Listing	Environmental Protection Agency	03/30/2023	03/30/2023	04/03/2023
US	PFAS FEDERAL SITES	Federal Sites PFAS Information	Environmental Protection Agency	02/23/2022	03/31/2022	11/08/2022
US	PFAS WQP	Ambient Environmental Sampling for PFAS	Environmental Protection Agency	01/03/2022	03/31/2022	11/08/2022
US	UXO	Unexploded Ordnance Sites	Department of Defense	11/09/2021	10/20/2022	01/10/2023

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
HISTORICAL USE RECORDS						
US	EDR MGP	EDR Proprietary Manufactured Gas Plants	EDR, Inc.			
US	EDR Hist Auto	EDR Exclusive Historical Auto Stations	EDR, Inc.			
US	EDR Hist Cleaner	EDR Exclusive Historical Cleaners	EDR, Inc.			
CA	RGA LF	Recovered Government Archive Solid Waste Facilities List	Department of Resources Recycling and Recover		07/01/2013	01/13/2014
CA	RGA LUST	Recovered Government Archive Leaking Underground Storage Tan	State Water Resources Control Board		07/01/2013	12/30/2013
COUNTY RECORDS						
CA	CS ALAMEDA	Contaminated Sites	Alameda County Environmental Health Services	01/09/2019	01/11/2019	03/05/2019
CA	UST ALAMEDA	Underground Tanks	Alameda County Environmental Health Services	12/28/2022	12/28/2022	03/17/2023
CA	CUPA AMADOR	CUPA Facility List	Amador County Environmental Health	07/22/2022	07/27/2022	08/01/2022
CA	CUPA BUTTE	CUPA Facility Listing	Public Health Department	04/21/2017	04/25/2017	08/09/2017
CA	CUPA CALVERAS	CUPA Facility Listing	Calveras County Environmental Health	12/13/2022	12/15/2022	12/21/2022
CA	CUPA COLUSA	CUPA Facility List	Health & Human Services	04/06/2020	04/23/2020	07/10/2020
CA	SL CONTRA COSTA	Site List	Contra Costa Health Services Department	10/20/2022	10/21/2022	01/10/2023
CA	CUPA DEL NORTE	CUPA Facility List	Del Norte County Environmental Health Divisio	05/04/2022	05/06/2022	07/28/2022
CA	CUPA EL DORADO	CUPA Facility List	El Dorado County Environmental Management Dep	08/08/2022	08/09/2022	09/01/2022
CA	CUPA FRESNO	CUPA Resources List	Dept. of Community Health	06/28/2021	12/21/2021	03/03/2022
CA	CUPA GLENN	CUPA Facility List	Glenn County Air Pollution Control District	01/22/2018	01/24/2018	03/14/2018
CA	CUPA HUMBOLDT	CUPA Facility List	Humboldt County Environmental Health	08/12/2021	08/12/2021	11/08/2021
CA	CUPA IMPERIAL	CUPA Facility List	San Diego Border Field Office	01/13/2023	01/17/2023	04/04/2023
CA	CUPA INYO	CUPA Facility List	Inyo County Environmental Health Services	04/02/2018	04/03/2018	06/14/2018
CA	CUPA KERN	CUPA Facility List	Kern County Public Health	10/03/2022	10/05/2022	12/16/2022
CA	UST KERN	Underground Storage Tank Sites & Tank Listing	Kern County Environment Health Services Depar	10/03/2022	10/05/2022	12/16/2022
CA	CUPA KINGS	CUPA Facility List	Kings County Department of Public Health	12/03/2020	01/26/2021	04/14/2021
CA	CUPA LAKE	CUPA Facility List	Lake County Environmental Health	11/04/2022	11/07/2022	01/25/2023
CA	CUPA LASSEN	CUPA Facility List	Lassen County Environmental Health	07/31/2020	08/21/2020	11/09/2020
CA	AOCONCERN	Key Areas of Concerns in Los Angeles County		03/30/2009	03/31/2009	10/23/2009
CA	HMS LOS ANGELES	HMS: Street Number List	Department of Public Works	01/09/2023	01/12/2023	03/29/2023
CA	LF LOS ANGELES	List of Solid Waste Facilities	La County Department of Public Works	01/09/2023	01/10/2023	03/23/2023
CA	LF LOS ANGELES CITY	City of Los Angeles Landfills	Engineering & Construction Division	12/31/2022	01/12/2023	03/29/2023
CA	LOS ANGELES AST	Active & Inactive AST Inventory	Los Angeles Fire Department	06/01/2019	06/25/2019	08/22/2019
CA	LOS ANGELES CO LF METHANE	Methane Producing Landfills	Los Angeles County Department of Public Works	01/10/2022	01/12/2022	04/04/2022
CA	LOS ANGELES HM	Active & Inactive Hazardous Materials Inventory	Los Angeles Fire Department	11/01/2022	12/14/2022	03/07/2023
CA	LOS ANGELES UST	Active & Inactive UST Inventory	Los Angeles Fire Department	11/01/2022	12/14/2022	03/07/2023
CA	SITE MIT LOS ANGELES	Site Mitigation List	Community Health Services	05/26/2021	07/09/2021	09/29/2021
CA	UST EL SEGUNDO	City of El Segundo Underground Storage Tank	City of El Segundo Fire Department	01/21/2017	04/19/2017	05/10/2017
CA	UST LONG BEACH	City of Long Beach Underground Storage Tank	City of Long Beach Fire Department	04/22/2019	04/23/2019	06/27/2019
CA	UST TORRANCE	City of Torrance Underground Storage Tank	City of Torrance Fire Department	10/18/2022	10/19/2022	01/10/2023
CA	CUPA MADERA	CUPA Facility List	Madera County Environmental Health	08/10/2020	08/12/2020	10/23/2020
CA	UST MARIN	Underground Storage Tank Sites	Public Works Department Waste Management	09/26/2018	10/04/2018	11/02/2018
CA	UST MENDOCINO	Mendocino County UST Database	Department of Public Health	09/22/2021	11/18/2021	11/22/2021
CA	CUPA MERCED	CUPA Facility List	Merced County Environmental Health	02/15/2022	02/17/2022	05/11/2022
CA	CUPA MONO	CUPA Facility List	Mono County Health Department	02/22/2021	03/02/2021	05/19/2021
CA	CUPA MONTEREY	CUPA Facility Listing	Monterey County Health Department	10/04/2021	10/06/2021	12/29/2021
CA	LUST NAPA	Sites With Reported Contamination	Napa County Department of Environmental Manag	01/09/2017	01/11/2017	03/02/2017

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
CA	UST NAPA	Closed and Operating Underground Storage Tank Sites	Napa County Department of Environmental Manag	09/05/2019	09/09/2019	10/31/2019
CA	CUPA NEVADA	CUPA Facility List	Community Development Agency	10/27/2022	10/27/2022	01/18/2023
CA	IND_SITE ORANGE	List of Industrial Site Cleanups	Health Care Agency	05/24/2022	08/09/2022	10/28/2022
CA	LUST ORANGE	List of Underground Storage Tank Cleanups	Health Care Agency	04/08/2022	05/18/2022	08/03/2022
CA	UST ORANGE	List of Underground Storage Tank Facilities	Health Care Agency	05/24/2022	08/01/2022	10/20/2022
CA	MS PLACER	Master List of Facilities	Placer County Health and Human Services	08/26/2022	08/29/2022	11/15/2022
CA	CUPA PLUMAS	CUPA Facility List	Plumas County Environmental Health	03/31/2019	04/23/2019	06/26/2019
CA	LUST RIVERSIDE	Listing of Underground Tank Cleanup Sites	Department of Environmental Health	01/18/2023	01/19/2023	04/04/2023
CA	UST RIVERSIDE	Underground Storage Tank Tank List	Department of Environmental Health	01/18/2023	01/19/2023	04/04/2023
CA	CS SACRAMENTO	Toxic Site Clean-Up List	Sacramento County Environmental Management	11/07/2022	12/21/2022	03/16/2023
CA	ML SACRAMENTO	Master Hazardous Materials Facility List	Sacramento County Environmental Management	11/07/2022	12/09/2022	03/01/2023
CA	CUPA SAN BENITO	CUPA Facility List	San Benito County Environmental Health	10/27/2022	10/28/2022	01/18/2023
CA	PERMITS SAN BERNARDINO	Hazardous Material Permits	San Bernardino County Fire Department Hazardo	11/18/2022	11/21/2022	02/09/2023
CA	HMMD SAN DIEGO	Hazardous Materials Management Division Database	Hazardous Materials Management Division	11/28/2022	11/29/2022	02/14/2023
CA	LF SAN DIEGO	Solid Waste Facilities	Department of Health Services	10/27/2021	03/04/2022	05/31/2022
CA	SAN DIEGO CO LOP	Local Oversight Program Listing	Department of Environmental Health	07/22/2021	10/19/2021	01/13/2022
CA	SAN DIEGO CO SAM	Environmental Case Listing	San Diego County Department of Environmental	03/23/2010	06/15/2010	07/09/2010
CA	CUPA SAN FRANCISCO CO	CUPA Facility Listing	San Francisco County Department of Environmen	11/03/2022	11/07/2022	01/25/2023
CA	LUST SAN FRANCISCO	Local Oversite Facilities	Department Of Public Health San Francisco Cou	09/19/2008	09/19/2008	09/29/2008
CA	UST SAN FRANCISCO	Underground Storage Tank Information	Department of Public Health	11/03/2022	11/07/2022	01/24/2023
CA	SAN FRANCISCO MAHER	Maher Ordinance Property Listing	San Francisco Planning	10/11/2022	10/14/2022	01/04/2023
CA	UST SAN JOAQUIN	San Joaquin Co. UST	Environmental Health Department	06/22/2018	06/26/2018	07/11/2018
CA	CUPA SAN LUIS OBISPO	CUPA Facility List	San Luis Obispo County Public Health Departme	11/08/2022	11/09/2022	02/01/2023
CA	BI SAN MATEO	Business Inventory	San Mateo County Environmental Health Service	02/20/2020	02/20/2020	04/24/2020
CA	LUST SAN MATEO	Fuel Leak List	San Mateo County Environmental Health Service	03/29/2019	03/29/2019	05/29/2019
CA	CUPA SANTA BARBARA	CUPA Facility Listing	Santa Barbara County Public Health Department	09/08/2011	09/09/2011	10/07/2011
CA	CUPA SANTA CLARA	Cupa Facility List	Department of Environmental Health	10/28/2022	11/01/2022	01/20/2023
CA	HIST LUST SANTA CLARA	HIST LUST - Fuel Leak Site Activity Report	Santa Clara Valley Water District	03/29/2005	03/30/2005	04/21/2005
CA	LUST SANTA CLARA	LOP Listing	Department of Environmental Health	03/03/2014	03/05/2014	03/18/2014
CA	CUPA SANTA CRUZ	CUPA Facility List	Santa Cruz County Environmental Health	01/21/2017	02/22/2017	05/23/2017
CA	CUPA SHASTA	CUPA Facility List	Shasta County Department of Resource Manageme	06/15/2017	06/19/2017	08/09/2017
CA	LUST SOLANO	Leaking Underground Storage Tanks	Solano County Department of Environmental Man	06/04/2019	06/06/2019	08/13/2019
CA	UST SOLANO	Underground Storage Tanks	Solano County Department of Environmental Man	09/15/2021	09/16/2021	12/09/2021
CA	CUPA SONOMA	Cupa Facility List	County of Sonoma Fire & Emergency Services De	07/02/2021	07/06/2021	07/14/2021
CA	LUST SONOMA	Leaking Underground Storage Tank Sites	Department of Health Services	06/30/2021	06/30/2021	09/24/2021
CA	CUPA STANISLAUS	CUPA Facility List	Stanislaus County Department of Ennvironmenta	02/08/2022	02/10/2022	05/04/2022
CA	UST SUTTER	Underground Storage Tanks	Sutter County Environmental Health Services	08/03/2022	08/25/2022	11/14/2022
CA	CUPA TEHAMA	CUPA Facility List	Tehama County Department of Environmental Hea	11/17/2022	11/21/2022	02/10/2023
CA	CUPA TRINITY	CUPA Facility List	Department of Toxic Substances Control	01/13/2023	01/17/2023	04/04/2023
CA	CUPA TULARE	CUPA Facility List	Tulare County Environmental Health Services D	10/07/2022	10/07/2022	12/21/2022
CA	CUPA TUOLUMNE	CUPA Facility List	Divison of Environmental Health	04/23/2018	04/25/2018	06/25/2018
CA	BWT VENTURA	Business Plan, Hazardous Waste Producers, and Operating Unde	Ventura County Environmental Health Division	09/26/2022	10/19/2022	01/10/2023
CA	LF VENTURA	Inventory of Illegal Abandoned and Inactive Sites	Environmental Health Division	12/01/2011	12/01/2011	01/19/2012
CA	LUST VENTURA	Listing of Underground Tank Cleanup Sites	Environmental Health Division	05/29/2008	06/24/2008	07/31/2008
CA	MED WASTE VENTURA	Medical Waste Program List	Ventura County Resource Management Agency	09/26/2022	10/20/2022	01/10/2023
CA	UST VENTURA	Underground Tank Closed Sites List	Environmental Health Division	11/28/2022	12/02/2022	02/23/2023
CA	UST YOLO	Underground Storage Tank Comprehensive Facility Report	Yolo County Department of Health	12/19/2022	12/27/2022	03/17/2023

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
CA	CUPA YUBA	CUPA Facility List	Yuba County Environmental Health Department	10/25/2022	10/26/2022	10/31/2022

STREET AND ADDRESS INFORMATION

LOCATION: 320 Sheridan Drive	**PROJECT NUMBER:** PLN2024-00012	**APPLICANT:** Alliant Communities LLC	**OWNER:** Ravenswood City School District

PROJECT CONDITIONS:

1. The use permit and architectural control permit shall be subject to the following ***standard conditions*****:**

    a. The applicant shall be required to apply for a building permit within one year from the date of approval (by January 13, 2026) for the use permit to remain in effect.

    b. Development of the Project, defined as the project plans and supporting documents, shall be substantially in conformance with the plans prepared by SDG Architects, attached to the January 13, 2025 Planning Commission staff report and consisting of 75 plan sheets, dated received on October 17, 2024 (hereinafter the "Plans"). The Plans are incorporated by reference herein. The Plans may only be modified by the conditions contained herein (conditions 1c. and 1d.), subject to review and approval of the Community Development Director or their designee.

    c. Substantially consistent and minor modifications to building exteriors and locations, fence styles and locations, signage, significant landscape features, reduction of front and rear setbacks to 10 feet, increase in height up to 40 feet, and reduction of parking to a minimum of 111 parking spaces, consistent with the waivers approved by Resolution 2025-PC-002 may be approved in writing by the Community Development Director or designee, based on the determination that the proposed modification is consistent with other building and design elements of the approved architectural control permit and will not have an adverse impact on the character and aesthetics of the site. Substantially consistent modifications are modifications to the development that do not increase the intensity or density of the project or the allowed uses, and do not include any additional waivers or incentives. The Director may refer any request for revisions to the plans to the Planning Commission. If the Director refers the plans to the Planning Commission, the Director shall provide written documentation of the Director's determination that the modification is substantially consistent and a member of the Planning Commission may request to discuss these modifications on the next agenda within 72 hours of notification of the modifications by the Community Development Director.

    d. Major modifications to the development plan which involve material expansion or intensification of development, modifications to the permitted uses, modifications to the architectural design, including materials and colors, or include additional waivers or incentives may be allowed subject to obtaining approval for architectural control permit and use permit revisions from the Planning Commission.

    e. The Project shall adhere to all ordinances, plans, regulations and specifications of the City of Menlo Park in effect on the date the Project applicant submitted its SB 330 preliminary application containing all the information required by Government Code section 65941.1(a) (March 6, 2024), and all applicable regional, State, and Federal laws and regulations.

    f. Prior to building permit issuance, the applicant shall comply with all requirements of the Building Division, Engineering Division, and Transportation Division that are directly applicable to the project.

    g. Prior to building permit issuance, the Applicant shall comply with all Sanitary District, California Water Company, Menlo Park Fire Protection District, and utility companies' regulations that are directly applicable to the project.

    h. Simultaneous with the submittal of any complete building permit application, the Applicant shall submit documentation of acceptance of the site plan for the entire Project by the Menlo Park Fire Protection District to the City, subject to review and acceptance by the

LOCATION: 320 Sheridan Drive	**PROJECT NUMBER:** PLN2024-00012	**APPLICANT:** Alliant Communities LLC	**OWNER:** Ravenswood City School District

PROJECT CONDITIONS:

Planning and Building Divisions. Prior to issuance of each building permit for the project, the Applicant shall submit documentation of Menlo Park Fire Protection District approval of each building permit, subject to review and approval by the Planning and Building Divisions.

i. Simultaneous with the submittal of any complete building permit application, the Applicant shall submit plans verifying that the Project complies with all applicable requirements of Menlo Park Municipal Code Title 12 (Buildings and Construction), subject to review and approval by the City Building Official or designee.

j. The Project is subject to the California Building Standards Code and any local amendments in effect at the time of submittal of each Building permit application.

k. The Project is subject to the California Green Building Standards Code (CalGreen) in effect at the time of submittal of each complete building permit application and any local amendments to the Code in effect at the time of submittal. Other forms of green building checklists will not be acceptable in-lieu of the CalGreen requirements.

l. Each complete building permit application shall include all unit plans for that Project building to be fully drawn and detailed, including mirrored plans. Further, all residential building plans are required to include drawings for mirrored units including structural, mechanical, electrical, and plumbing plan sheets.

m. A list of all deferred submittals for each Project building, other than trusses, shall be approved by the Building Official or their designee prior to submittal of each complete building permit application.

n. All detached structures require their own building permit and are required to meet all applicable Building Code requirements associated with their occupancy and location on the site.

o. Prior to building permit issuance, applicant shall coordinate with California Water Company to confirm the existing water mains and service laterals meet the domestic and fire flow requirements of the project. If the existing water main and service laterals are not sufficient as determined by California Water Company, applicant may, as part of the project, be required to construct and install new water mains and service laterals sufficient to meet such requirements.

p. Prior to building permit issuance, applicant shall coordinate with West Bay Sanitary District to confirm the existing sanitary sewer mains and service laterals have sufficient capacity for the project. If the existing sanitary sewer mains and service laterals are not sufficient as determined by West Bay Sanitary District, applicant may, as part of the project, be required to construct and install new sanitary sewer mains and service laterals sufficient to meet such requirements.

q. Prior to commencing any work within the right-of-way or public easements, the Applicant shall obtain an encroachment permit from the appropriate reviewing jurisdiction.

r. All public right-of-way improvements, including frontage improvements and the dedication of easements and public right-of-way, shall be completed to the satisfaction of the Engineering Division prior to building permit final inspection.

s. Simultaneous with the submittal of any complete building permit application, the Applicant shall submit all applicable engineering plans for Engineering review and approval. The plans shall include, but are not limited to:

LOCATION: 320 Sheridan Drive	**PROJECT NUMBER:** PLN2024-00012	**APPLICANT:** Alliant Communities LLC	**OWNER:** Ravenswood City School District

PROJECT CONDITIONS:

a. Existing Topography (NAVD 88)

b. Demolition Plan

c. Site Plan (including easement dedications)

d. Construction Parking Plan

e. Grading and Drainage Plan

f. Stormwater Control Plan

g. Utility Plan

h. Erosion Control Plan

i. Planting and Irrigation Plan

j. Off-site Improvement Plan

k. Construction Details

l. Joint Trench Plan

The Applicant shall agree to furnish any additional engineering services or plans as required by the Engineering Division not mentioned herein.

t. Required frontage improvements include but not limited to:

a. Three inch (3”) grind and overlay of entire length of Sheridan Drive from the intersection with Hedge Road to the Property.

b. Relocation of the bubbler outlet around the corner onto Hedge Road.

c. Installation of catch basins at the property line along Sheridan Drive.

d. Construction of a new 12" RCP storm drain main connecting to the existing main in Hedge Road.

e. Lateral connections to overhead electric, fiber optic, and communication lines shall be placed in a joint trench subject to approval by the relevant utility authorities.

f. Any frontage improvements which are damaged as a result of construction shall be replaced.

u. Simultaneous with the submittal of any complete building permit application, Applicant shall submit plans to remove and replace any damaged and significantly worn sections of frontage improvements. The plans shall be submitted for the review and approval of the Engineering Division.

v. Simultaneous with the submittal of any complete building permit application, the Applicant shall submit plans for:

a. Construction-related activities:

1. Parking management for construction workers, ensuring adequate parking for all trades.

2. Construction staging and material storage.

LOCATION: 320 Sheridan Drive	**PROJECT NUMBER:** PLN2024-00012	**APPLICANT:** Alliant Communities LLC	**OWNER:** Ravenswood City School District

PROJECT CONDITIONS:

3. Traffic Control Handling Plan (TCHP), including construction phasing and anticipated traffic handling methods for each phase.

b. Environmental and safety measures:

1. Construction safety fences around the construction area.
2. Dust control and air pollution control measures.
3. Erosion and sedimentation control measures.
4. Tree protection fencing.
5. Construction vehicle parking.

These plans shall be reviewed and approved by the City (including the Building, Engineering, and Planning Divisions). Fences, erosion, and sedimentation control measures must be installed prior to commencing construction, in accordance with the approved plan.

w. Simultaneous with the submittal of any complete building permit application, Applicant shall submit a related building permit application for site Grading and Drainage, subject to review and approval by the Engineering and Building Divisions.

x. Post-construction runoff into the storm drain shall not exceed pre- construction runoff levels. An updated Hydrology Report will be required to the satisfaction of the Engineering Division.

y. Simultaneous with the submittal of any complete building permit application, Applicant shall submit a plan for any new utility installations or upgrades for review and approval of the Planning, Engineering and Building Divisions. Utility equipment shall meet the applicable requirements of Chapter 16.20.040(6)(B) of the Menlo Park Zoning Ordinance. All utility equipment that is installed outside of a building and that cannot be placed underground shall be properly screened by landscaping or integrated into the building design to the extent feasible, as determined by the Public Works Director. The plan shall show exact locations of all meters, back flow prevention devices, transformers, junction boxes, relay boxes, and other equipment boxes.

z. If construction is not complete by the start of the wet season (October 1 through April 30), the Applicant shall implement a winterization program to minimize the potential for erosion and sedimentation. The terms of such program may be outlined in a Stormwater Pollution Prevention Program, as discussed below. As appropriate to the site and status of construction, winterization requirements shall include inspecting/maintaining/cleaning all soil erosion and sedimentation controls prior to, during, and immediately after each storm event; stabilizing disturbed soils through temporary or permanent seeding, mulching, matting, tarping or other physical means; rocking unpaved vehicle access to limit dispersion of much onto public right-of-way; and covering/tarping stored construction materials, fuels, and other chemicals. Plans to include proposed measures to prevent erosion and polluted runoff from all site conditions shall be submitted for review and approval of the Engineering Division at least two months prior to October 1 (i.e., the beginning of the wet season).

aa. Stormwater Pollution Prevention Program Best Management Practices (BMPs) for construction shall be implemented to protect water quality, in accordance with the approved Stormwater Pollution Prevention Plan (SWPPP). BMP plan sheets are available electronically for inserting into Project plans.

LOCATION: 320 Sheridan Drive	**PROJECT NUMBER:** PLN2024-00012	**APPLICANT:** Alliant Communities LLC	**OWNER:** Ravenswood City School District

PROJECT CONDITIONS:

bb. Simultaneous with the submittal of a complete building permit, the Applicant shall file a Notice of Intent (NOI) with the State Water Resources Control Board under the Construction Activities Storm Water General Permit (General Permit). The NOI indicates the Applicant's intent to comply with the San Mateo Countywide Stormwater Pollution Prevention Program, including a Stormwater Pollution Prevention Plan (SWPPP). The Applicant shall prepare a Notice of Intent and submit a copy to the Engineering Division for the proposed grading operation.

cc. Simultaneous with the submittal of any complete building permit application, Applicant shall submit a heritage street tree preservation plan, detailing the location of and methods for all tree protection measures.

dd. If proposed, street trees shall be from the City-approved street tree species or to the satisfaction of City Arborist.

ee. During the design phase of the construction drawings, all potential utility conflicts shall be potholed with actual depths recorded on the improvement plans submitted for City review and approval.

ff. Simultaneous with the submittal of any complete building permit application, the applicant shall submit a utility plan that shows undergrounding of on-site utilities, subject to the approval of the Engineering Division.

gg. Simultaneous with the submittal of any complete building permit application, the Applicant shall submit engineered Off-Site Improvement Plans (including specifications & engineers cost estimates), for approval by the Engineering Division, showing the infrastructure necessary to serve the Project. Off-Site Improvement Plans shall be approved by the Engineering Division prior to building permit issuance. The Improvement Plans shall include, but are not limited to, all engineering calculations necessary to substantiate the design, proposed roadways, drainage improvements, utilities, traffic control devices, retaining walls, sanitary sewers, and storm drains, pump/lift stations, street lightings, common area landscaping and other project improvements. All public improvements shall be designed and constructed to the satisfaction of the Engineering Division.

hh. Irrigation within public right of way shall comply with City Standard Details LS-1 through LS-19 and shall be connected to the on-site water system.

ii. Prior to issuance of each building permit, Applicant shall pay all Public Works fees related to processing of the permit.

jj. The Applicant shall pay all impact fees prior to any building permit issuance, unless deferred pursuant to Gov. Code § 66007. The impact fees shall be calculated based on the rates in effect at the time of payment. Refer to City of Menlo Park Master Fee Schedule.

kk. Prior to issuance of each building permit the Applicant shall pay the applicable Building Construction Street Impact Fee in effect at the time of payment to the satisfaction of the Public Works Director, unless deferral of payment is allowed under pursuant to Gov. Code § 66007. The current fee is calculated by multiplying the valuation of the construction by 0.0058.

ll. Simultaneous with the submittal of any complete building permit application, the applicant shall provide documentation indicating the amount of irrigated landscaping. The Water-Efficient Landscaping Ordinance (WELO) applies to all new landscapes exceeding 500 square feet and rehabilitated landscapes exceeding 1,000 square feet associated with projects requiring city review and approval. If the project is subject to the City's Water

LOCATION: 320 Sheridan Drive	**PROJECT NUMBER:** PLN2024-00012	**APPLICANT:** Alliant Communities LLC	**OWNER:** Ravenswood City School District

PROJECT CONDITIONS:

Efficient Landscaping Ordinance (Municipal Code Chapter 12.44), submittal of a detailed landscape plan would be required concurrently with the submittal of a complete building permit application, the landscaping shall be installed prior to final building inspection. The Applicant shall submit a landscape audit report prior to final building inspection.

mm. If this project is creating more than 5,000 square feet of irrigated landscaping, per the City's Water Efficient Landscape Ordinance (Municipal Code Chapter 12.44) the irrigation system is required to have a separate water service.

nn. The Applicant shall retain a civil engineer to prepare "as-built" or "record" drawings of public improvements, and the drawings shall be submitted in AutoCAD and Adobe PDF formats to the Engineering Division prior to final inspection of the last building.

oo. All agreements shall run with the land and shall be recorded with the San Mateo County Recorder's Office prior to building permit final inspection.

pp. Prior to any building permit issuance, the applicant must submit a draft "Stormwater Treatment Measures Operations and Maintenance (O&M) Agreement" to the City for review and approval by the Engineering Division. This agreement, which makes the property owner responsible for the operation and maintenance of stormwater treatment measures, must be executed and recorded with the San Mateo County Recorder's Office prior to final inspection.

qq. Prior to any building permit issuance, the Applicant shall submit a finalized version of the Stormwater Control Plan, which shall provide stormwater treatment for the project site pursuant to the latest regulations specified in the San Mateo County C.3 Technical Guidance Manual. The Stormwater Control Plan shall include a written report identify existing and proposed project conditions, and all applicable source controls, and mitigation measures (i.e. bioretention areas, flow through planters, etc.) implemented to meet NPDES compliance.

rr. Heritage trees in the vicinity of the construction project shall be protected pursuant to the Heritage Tree Ordinance and the arborist report prepared by Bo Firestone Trees and Gardens, dated received July 26, 2024.

ss. The applicant or permittee shall defend, indemnify, and hold harmless the City of Menlo Park or its agents, officers, and employees from any claim, action, or proceeding against the City of Menlo Park or its agents, officers, or employees to attack, set aside, void, or annul an approval of the Planning Commission, City Council, Community Development Director, or any other department, committee, or agency of the City concerning a development, variance, permit, or land use approval which action is brought within the time period provided for in any applicable statute; provided, however, that the applicant's or permittee's duty to so defend, indemnify, and hold harmless shall be subject to the City's promptly notifying the applicant or permittee of any said claim, action, or proceeding and the City's full cooperation in the applicant's or permittee's defense of said claims, actions, or proceedings.

tt. Notice of Fees Protest – The applicant may protest any fees, dedications, reservations, or other exactions imposed by the City as part of the approval or as a condition of approval of this development within the time limits set forth in Gov. Code Section 66020, which authorizes the filing of a protest within 90 days after the imposition of the fees, dedications, reservations, or other exactions to be imposed on the project.

LOCATION: 320 Sheridan Drive	**PROJECT NUMBER:** PLN2024-00012	**APPLICANT:** Alliant Communities LLC	**OWNER:** Ravenswood City School District

PROJECT CONDITIONS:

2. The use permit and architectural control permit shall be subject to the following ***project-specific*** conditions:

    a. Simultaneous with submittal of any complete building permit application, the Applicant shall demonstrate compliance with mitigation measures included in the ConnectMenlo MMRP and 2023-2031 Housing Element Update Subsequent EIR MMRP that are applicable to the project, subject to review and approval by the Community Development and Public Works Departments and the applicable divisions within the City.

    b. Simultaneous with the submittal of any complete building permit application, the Applicant shall enroll in EPA Energy Star Building Portfolio Manager. Prior to building permit final inspection, the Applicant shall submit documentation showing compliance to the satisfaction of the Planning and Building Divisions.

    c. Simultaneous with the submittal of any complete building permit application, the Applicant shall submit a zero-waste management plan for the Project to the City, which will cover how the Applicant plans to minimize waste to landfill and incineration in accordance with all applicable state and local regulations, including compliance with the applicable requirements of Chapter 16.20.050(4) of the Zoning Ordinance. The Applicant shall show in their zero-waste plan how they will reduce, recycle and compost wastes from occupancy each building. Zero Waste plan elements shall include the property owner's assessment of the types of waste to be generated during occupancy, and a plan to collect, sort and transport materials to uses other than landfill and incineration. The plan shall be subject to the satisfaction of the Sustainability Manager or their designee.

    d. Prior to issuance of any building permit, the Applicant shall submit plans and supporting documentation to the Building and Planning Divisions documenting that the Project building meets one hundred percent of its energy demand (electricity and natural gas), as required by Chapter 16.20.050(2)(A) of the Zoning Ordinance through the combination of the following measures and to the satisfaction of the Building and Planning Divisions:

        a. On-site energy generation;
        b. Purchase of 100% renewable electricity through Peninsula Clean Energy or Pacific Gas and Electric Company in an amount equal to the annual energy demand of the project;
        c. Purchase and installation of local renewable energy generation within the City of Menlo Park in an amount equal to the annual energy demand of the project;
        d. Purchase of certified renewable energy credits and/or certified renewable energy offsets annually in an amount equal to the annual energy demand of the project.

    Following issuance of the final occupancy permit for each Project building, the Applicant shall submit an annual report on 1st January of every year demonstrating that tenants and occupants of all buildings that have received final inspection on site, purchased or used 100% renewable energy or otherwise complied with Section 16.20.050(2)(A) of the Zoning Ordinance to the Community Development Director of their designee for their review and approval. The Applicant may submit documentation to the City prior to the granting of the first occupancy for each Project building documenting that the amount of on-site or off-site renewable energy generation would, at a minimum, equal the estimated amount of non-renewable energy used at the project site. The report may be submitted in lieu of annual

LOCATION: 320 Sheridan Drive	**PROJECT NUMBER:** PLN2024-00012	**APPLICANT:** Alliant Communities LLC	**OWNER:** Ravenswood City School District

PROJECT CONDITIONS:

monitoring, subject to review and approval of the Community Development Director with input from the Building, Planning, and Sustainability Divisions, as applicable.

e. Simultaneous with the submittal of a complete building permit application for site improvements, the Applicant shall demonstrate that landscaping irrigation shall be able to accommodate the potential future use of recycled water for irrigation purposes (purple pipe) for review and approval of the Building Division and Engineering Division.

f. During all phases of construction, potable water shall not be used for dust control.

g. During all phases of construction and after final inspection for the life of the Project, rodenticides shall not be used on the property in accordance with Section 16.20.050(5)(G) of the Zoning Ordinance.

h. The Applicant shall diligently pursue the Project's construction through to completion, and, if at any point after building permits have been issued, the Applicant abandons construction or the building permits expire, the Applicant shall demolish the uncompleted portions of the Project and restore the site to rough grade condition and shall take reasonable measures to protect public health and safety, protect the building structure from the elements, screen unsightly elements from view (such as fencing, painting or attractive screens or coverings), and maintain temporary landscaping, to the satisfaction of the Planning Division.

i. If the Applicant leaves any work of construction in an unfinished state for more than seven (7) consecutive days, the Applicant shall keep the construction site clean and properly secured per best management standards and to the satisfaction of the Building and Engineering Divisions.

j. If the Applicant leaves any work of construction in an unfinished state for more than one hundred and twenty (120) consecutive days, the Applicant shall take reasonable measures to protect public health and safety, protect the building structure from the elements, screen unsightly elements from view (such as fencing, painting or attractive screens or coverings), and maintain temporary landscaping, to the satisfaction of the Planning Division.

k. Heritage tree replacements, required as part of the approval of heritage tree permit HTR2024-00058 shall be planted on the project site to the satisfaction of the City Arborist and Planning Division prior to final building permit inspection and consistent with the project arborist report prepared by Bo Firestone Trees and Gardens on July 26, 2024.

l. Prior to issuance of the first building permit for each building, the Applicant shall submit information demonstrating compliance with bird-friendly design requirements under Section 16.20.050(5) of the Zoning Ordinance.

m. Prior to issuance of the first building permit for each building, the Applicant shall submit plans verifying that all external non-emergency lighting for the apartment buildings, landscaping, common recreational spaces, and pathways automatically switches off between the hours of 10 p.m. and sunrise.

n. Prior to issuance of the first building permit for each building, the Applicant shall submit plans verifying that the Project buildings comply with the water use and recycled water requirements of section 16.20.050(3) of the Zoning Ordinance, except for the requirement to dual plumb the buildings for future use of recycled water per the approved incentive in Resolution 2025-PC-002.

o. Prior to issuance of any building permit, the Applicant shall execute and record in the San Mateo County Recorder's office the below market rate (BMR) Housing Agreement. The

LOCATION: 320 Sheridan Drive	**PROJECT NUMBER:** PLN2024-00012	**APPLICANT:** Alliant Communities LLC	**OWNER:** Ravenswood City School District

PROJECT CONDITIONS:

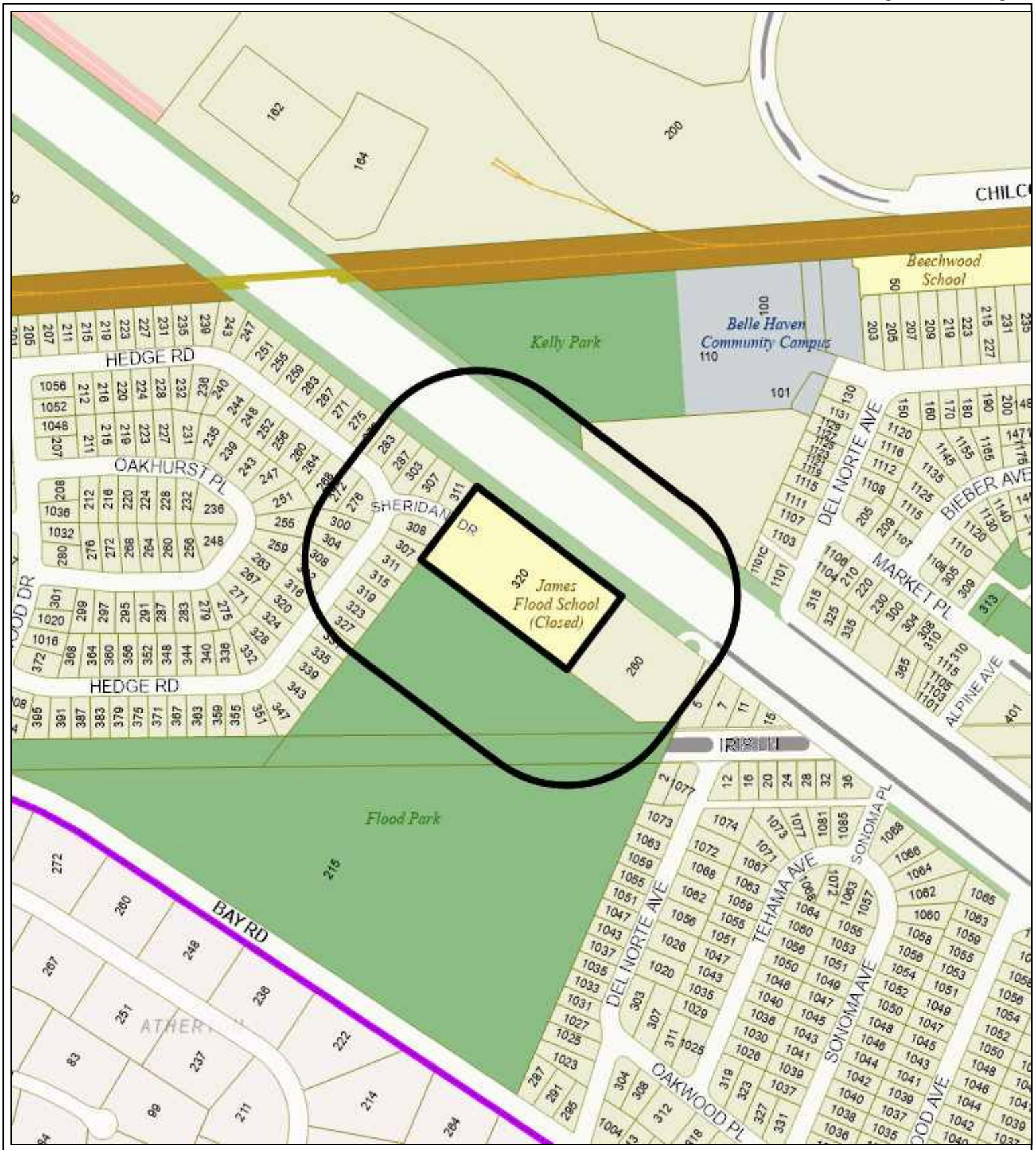
BMR Housing Agreement is attached to Menlo Park City Planning Commission Resolution No. 2025-___ as Exhibit D and incorporated herein by this reference.

p. Simultaneous with the submittal of any complete building permit application, the applicant shall submit a TDM plan consistent with the attached TDM Plan dated September 12, 2024. Any changes to the plan are subject to review and approval by the City prior to occupancy of the first building. The property owner shall ensure compliance with the San Mateo County Congestion Management Program Land Use Implementation Policy (C/CAG TDM Policy). Specifically, the property owner shall ensure that the measures identified in the approved C/CAG TDM Checklist included in the TDM Plan are implemented over the life of the project, and that the property owner and tenants acknowledge the requirement to participate in the periodic monitoring and reporting requirements identified in the C/CAG TDM Policy. Accordingly, it is recommended that the property owner and/or developer clearly identify these TDM provisions and responsibilities in any sales and/or lease or sublease transactions.

q. Simultaneous with the submittal of any complete building permit application, the applicant shall submit plans for street light design based on the photometric analysis included in the attached plan set. All street lights along the project frontages shall be painted Mesa Brown and upgraded with LED fixtures compliant with PG&E standards.

r. Simultaneous with the submittal of any complete building permit application, the applicant shall submit plans to relocate the West Bay Sanitary District (WBSD) line in the southwestern corner of the property. Prior to any building permit issuance with the exception of a grading and drainage permit, the Applicant shall construct the relocated WBSD sewer line, dedicate a new easement, and abandon the existing easement and line and submit documentation of acceptance of the new line from WBSD subject to the satisfaction of the Building, Planning, and Engineering Divisions.

s. Simultaneous with the submittal of any complete building permit application, the Applicant shall demonstrate that the project meets the requirements to achieve LEED silver. The Applicant shall submit an updated preliminary LEED scorecard prepared by a certified LEED AP demonstrating the Project includes the necessary points to achieve LEED silver. Prior to final inspection of the last building, the Applicant shall submit documentation prepared by a LEED AP that details the confirmed LEED points necessary to achieve LEED silver. The Applicant shall not be required to gain formal certification from the USGBC.



City of Menlo Park

Location Map
320 SHERIDAN DRIVE

CITY OF MENLO PARK

Scale: 1:4,000 | Drawn By: CRT | Checked By: KTP | Date: 1/13/2025 | Sheet: 1

ATTACHMENT D

MONDAY, MAY 13, 2024
PROJECT: #240753

LEED Performance Program (LPP): Supplemental Report

Sheridan Drive Apartments

321 Sheridan Drive
Menlo Park, CA. 94025

Prepared for:

Alliant Strategic Development
26050 Mureau Road, Suite 101

Calabasas, CA. 91302

From Partner Energy Team:
LEED Green Rater: Malak Fardoun
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lcollins@ptrenergy.com

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Executive Summary

INTRODUCTION

The following green certification documentation, including the LEED checklist was prepared by Partner Energy along with the Property Owner and design team, to meet the requirements of the City of Menlo Park LEED Performance Program (LPP) requirements for submission during the Entitlements phase of the project's approvals. The information presented in this report is accurate, per the current entitlement submission, and if the project is approved, demonstrates the project's commitment to achieving a LEED-Silver certification equivalency as required by the City.

LEED AP QUALIFICATIONS

Project Manager
Lance Collins, AIA, LEED AP (BD+C)
GBCI# 0000031355
Director
lcollins@ptrenergy.com
310-356-2193

LEED Accredited Professional / LEED-Homes Green Rater
Malak Fardoun, LEED AP (Homes), LEED Green Rater
GBCI #0011292857
Sustainability Consultant
mfardoun@ptrenergy.com
310-220-6269

LEED Project Registration

The Sheridan Drive Apartments project has been registered with the Green Building Certification Institute (GBCI) to pursue LEED-Homes v4 certification. See below for project ID number and receipt for confirmation.

GBC GREEN BUSINESS CERTIFICATION INC.™

Green Business Certification Inc.
2101 L Street NW,
Washington, D.C. 20037
1-800-795-1746
202-828-1145
www.gbci.org/contact

RECEIPT

Invoice # : 91765061
Order # : 13078400
Invoice Date : May 13, 2024

Paid By:
Cody Bathke
12120 Texas Ave
Los Angeles
CA 90025 US

Paid To:
Green Business Certification Inc.
PO Box 822964
Philadelphia, PA 19182-2964

Payment Method	Payment Date
Credit Card: XXXX XXXX XXXX4375	May 13, 2024

Project ID: 1000203915
Project Name: Sheridan Drive Apartments
USGBC Member Company : Partner Energy, Inc.

Item Description	Quantity	List Price/Unit	Promo Code Discount	Amount
LEED for Homes Multi-Family Reg	1	$ 900.00	($ 0.00)	$ 900.00
			Shipping/Handling	$ 0.00
			Sales Tax	
			Total Paid	**$ 900.00**

LEED Online Portal

This item is Not Applicable. Because the Sheridan Drive Apartments is pursuing certification via the LEED-Homes pathway, the project certification documentation is not administered via the leedonline platform. LEED-Homes relies on Green Raters to collect the documentation and to provide on-site verification of all the credit requirements needed to achieve certification.

LEED Checklist

The following LEED-Homes V4 checklist has been prepared identifying the credits/points that the project is pursuing to achieve a Silver level of Certification.

LEED BD+C: Homes and Multifamily Lowrise v4 - LEED v4

Sheridan Drive Apartments Scorecard (ID: 1000203915)

Project Address 1000203915, Sheridan Drive Apartments, 321 Sheridan Drive Menlo Park, CA

Note: The information on this tab is READ-ONLY. To edit this information, see the Credit Category tabs.

Total		Certification Level:	Not Certified		Verified	0
Integrative Process		Preliminary Y	2 of 2		Verified	0
IPc	Integrative Process		2 of 2	0		
Location and Transportation		Preliminary Y	10 of 15		Verified	0
LTp	Floodplain Avoidance		Required			Verified
LTc	LEED for Neighborhood Development		0 of 15	0		
LTc	Site Selection		6 of 8	0		
LTc	Compact Development		3 of 3	1		
LTc	Community Resources		0 of 2	1		
LTc	Access to Transit		1 of 2	0		
Sustainable Sites		Preliminary Y	4 of 7		Verified	0
SSp	Construction Activity Pollution Prevention		Required			Not Verified
SSp	No Invasive Plants		Required			Not Verified
SSc	Heat Island Reduction		0 of 2	1		
SSc	Rainwater Management		2 of 3	0		
SSc	Nontoxic Pest Control		2 of 2	0.5		
Water Efficiency		Preliminary Y	8 of 12		Verified	0
WEp	Water Metering		Required			Not Verified
WEc	Total Water Use		0 of 12	0		
WEc	Indoor Water Use		4 of 6	0		
WEc	Outdoor Water Use		4 of 4	0		
Energy and Atmosphere		Preliminary Y	16 of 38		Verified	0
EAp	Minimum Energy Performance		Required			Not Verified
EAp	Energy Metering		Required			Not Verified
EAp	Education of the Homeowner, Tenant or Building Manager		Required			Not Verified
EAc	Annual Energy Use		11 of 29	0		
EAc	Efficient Hot Water Distribution System		2 of 5	0		
EAc	Advanced Utility Tracking		1 of 2	1		
EAc	Active Solar-Ready Design		0 of 1	1		
EAc	HVAC Start-Up Credentialing		0 of 1	1		
EAc	Lighting		0 of 2	0		
EAc	High-Efficiency Appliances		2 of 2	0		

Materials and Resources		Preliminary	Y	3 of 10		Verified	0
MRp	Certified Tropical Wood			Required			Not Verified
MRp	Durability Management			Required			Not Verified
MRc	Durability Management Verification			1 of 1	0		
MRc	Environmentally Preferable Products			1 of 4	2.5		
MRc	Construction Waste Management			1 of 3	2		
MRc	Material-Efficient Framing			0 of 2	0		

Indoor Environmental Quality		Preliminary	Y	8.5 of 16		Verified	0
EQp	Ventilation			Required			Not Verified
EQp	Combustion Venting			Required			Not Verified
EQp	Garage Pollutant Protection			Required			Verified
EQp	Radon-Resistant Construction			Required			Verified
EQp	Air Filtering			Required			Verified
EQp	Environmental Tobacco Smoke			Required			Not Verified
EQp	Compartmentalization			Required			Not Verified
EQc	Enhanced Ventilation			1 of 3	0		
EQc	Contaminant Control			0.5 of 2	0		
EQc	Balancing of Heating and Cooling Distribution Systems			1 of 3	1		
EQc	Enhanced Compartmentalization			0 of 1	0		
EQc	Enhanced Combustion Venting			2 of 2	0		
EQc	Enhanced Garage Pollutant Protection			2 of 2	0		
EQc	Low-Emitting Products			2 of 3	0		

Innovation		Preliminary	Y	2 of 6		Verified	0
INp	Preliminary Rating			Required			Not Verified
INc	Innovation			1 of 5	1		
INc	LEED Accredited Professional			1 of 1	0		

Regional Priority		Preliminary	Y	2 of 4		Verified	0
RPc	Regional Priority			2 of 4	2		

Point Floors	
The project earned at least 8 points total in Location and Transportation and Energy and Atmosphere	No
The project earned at least 3 points in Water Efficiency	No
The project earned at least 3 points in Indoor Environmental Quality	No

Total		Preliminary	Y	55.5 of 110		Verified	0

Certification Thresholds Certified: 40-49, Silver: 50-59, Gold: 60-79, Platinum: 80-110

LEED Project Information Forms

This item is Not Applicable. Because the Sheridan Drive Apartments is pursuing certification via the LEED-Homes pathway, the project certification documentation is not administered via the leedonline platform. There is no Project Information (PI) form to download. LEED-Homes relies on Green Raters to collect the documentation and to provide on-site verification of all the credit requirements needed to achieve certification.

Owner's Project Requirements (OPR)

Project Name: Sheridan Drive Apartments Date: May 8, 2024
Project Address: 321 Sheridan Drive Menlo Park, CA. 94025

Introduction
The Owner's Project Requirements (OPR) document is a condensed collection of vital information about the construction project. The intent of this document is to provide the owner's intent in this project for wide audience, including owner, design team, construction team, operation and maintenance staff, future renovation teams, and anyone who needs access to the original project information.

1. Owner and User Requirements:

a. **General Building Information –** The project consists of three buildings totaling 88 apartment units and a community space. The site includes a central open space, play area and dog run.

b. **Intended Uses & Schedules –** The use is multi-family residential. The community space is a managed space with hours of operation per management.

c. **Future Expandability and Flexibility of Spaces –** n/a

d. **Quality and/or Durability and Lifespan –** This project will be conventionally constructed to meet all current codes. The durability of materials will be consistent with the level of affordable apartments in the area.

e. **Budget & Operation Constraints –** All units at the project will be rent restricted at varying affordability levels between 30% and 80% of the Area Median Income.

2. Environmental and Sustainability Goals:

a. **Level of Compliance –** The project is designed and constructed to achieve an equivalent to Silver level of LEED Certification.

b. **Specific Environmental Goals –** The project is designed to meet all applicable codes.

3. Energy Efficiency Goals:

a. **Overall Efficiency of Building –** Exceed code requirements of 2008 California

Energy Code (Title 24, Part 6) by at least zero percent

b. **Lighting System Efficiency -** Lighting systems offer cost effective energy savings potential, and lighting fixtures and/or controls shall be selected to meet or exceed all applicable energy codes.

c. **HVAC Equipment Efficiency -** High efficiency HVAC equipment offers cost effective energy savings, and HVAC equipment shall be selected to meet or exceed all applicable codes

d. **Other Measures –** n/a

4. Indoor Environmental Quality Requirements:

a. **Lighting –** All project lighting shall be designed to meet or exceed all lighting and code requirements

b. **Temperature and Humidity -** All project temperature and humidity design sets shall be designed to meet or exceed all code requirements

c. **Acoustics –** This project shall be designed to meet or exceed all acoustic and code requirements

d. **Air Quality –** This project shall be designed to meet air quality code requirements

e. **Desired Adjustability of Systems –** *Systems shall be designed and tuned per all required codes.*

f. **Accommodations for After Hours –** *This project will consist of an on-site manager and/or on-call attendant available 24 hours per day.*

g. **Other Requirements –** *n/a*

5. Building Occupant and O&M Personnel Expectations:

a. **Description of Operations –** Property Management Company or their contractors will manage the property.

b. **Level of Training Required –** Staff will receive comprehensive training by the Management. In addition, the Regional Manager will provide concentrated training to personnel on a regular basis during the site visits. Training of all personnel covering the program guidelines, Fair Housing, high quality customer

service methods and management policies will be carried on an ongoing basis. In addition, the Agent will inform its staff in writing of all changes in management policies and requirements immediately after any such changes have been published. The project related personnel would be sent to relevant management workshops sponsored by various property management associations and agencies for the purpose of updating and renewing work-related skills.

c. **Building O&M Staff Capabilities –** Ownership and Staff will successfully operate the project.

6. Commissioning Agent Information:

a. **Name of Commissioning Agency:** Partner Energy
b. **Address of Agency:** 680 Knox St, Suite 150
Los Angeles, CA 90502
c. **Contact Person(s):** Justin Pennington

Basis of Design (BOD)

Project Name: Sheridan Drive Apartments
Date: 2024-05-09
Project Address: Menlo Park, CA

Introduction

For the Commissioning process, the Basis of Design (BOD) document is a summary of the design assumptions and setpoints used by the MEP Engineering team to coordinate with the Owner's stated goals for energy and sustainability. This document will serve as a reference for the Commissioning Agent for the creation of the Cx Plan as well as final testing and verification before building occupancy.

1. HVAC System

1.1. Narrative Description of System

A. Split heat pump units for residential and office areas. Ventilation for corridors.

1.2. Reasons for System Selection

A. Split heat pumps chosen for energy efficiency, capability for occupant control and individual power consumption metering .

1.3. Load Calculations

A. Load calculation method/software: Trace 700 / ASHRAE Handbook
B. Summer outdoor design conditions: 86°F db/65°F wb
C. Winter outdoor design conditions: 32°F
D. Indoor design conditions: 75±3°,50%± 10% (Summer) 72±3° (Winter)
E. Internal heat gain assumptions:

Space	Space, Lightings, and Plug Load	Lighting Load	Ducting	Occupant Load	Ventilation Load
Residential	1 w/SF	1 W/SF	< 5%	No. of BR + 1	15 cfm/person
Offices	2 w/SF	1 W/SF	<5%	100 SF/person	15 cfm/person

1.4. Sequence of Operations

A. Residential and office HVAC to be controlled by individual timeclock/thermostats. Manual switch control for corridor ventilation.

2. Plumbing and Water Heating System

2.1. Narrative Description of System

A. *Single heat pump hot water system of 50 gallon storage tank and a hot water recirculation pump with temperature for each unit.*

2.2. Reasons for System Selection

A. *Cost, reliability, efficiency, and ease of maintenance.*

2.3. Water Heating Load Calculations

A. *Estimated total hot water demand: 50 Gallons per hour Peak Hot Water Delivery: 46 Gallons per hour.*

Preliminary Calculations

FULL TIME EQUIVALENT (FTE) OCCUPANCY

The Full Time Equivalency (FTE) occupancy of the proposed project is the following:

Building Tenants			# of occupants
	1 Bedroom Unit	42	84
	2 Bedroom Unit	23	69
	3 Bedroom Unit	23	168
Full Time Equivalent occupancy			321

REGULARLY OCCUPIED SPACES

The following table is a summary of the regularly occupied spaces in the proposed project:

Spaces	Number of units	Total SF	Unoccupied Spaces	Regularly Occupied Spaces per Unit	Total Occupied Spaces per Unit
1 Bedroom Unit	42	600	100	500	21000
2 Bedroom Unit	12	848	207	641	7692
	11	860	176	684	7524
3 Bedroom Unit	23	1118	259	859	19757
Community Center	1	22717	315	22402	22402
Total Area of Regularly Occupied space					78375

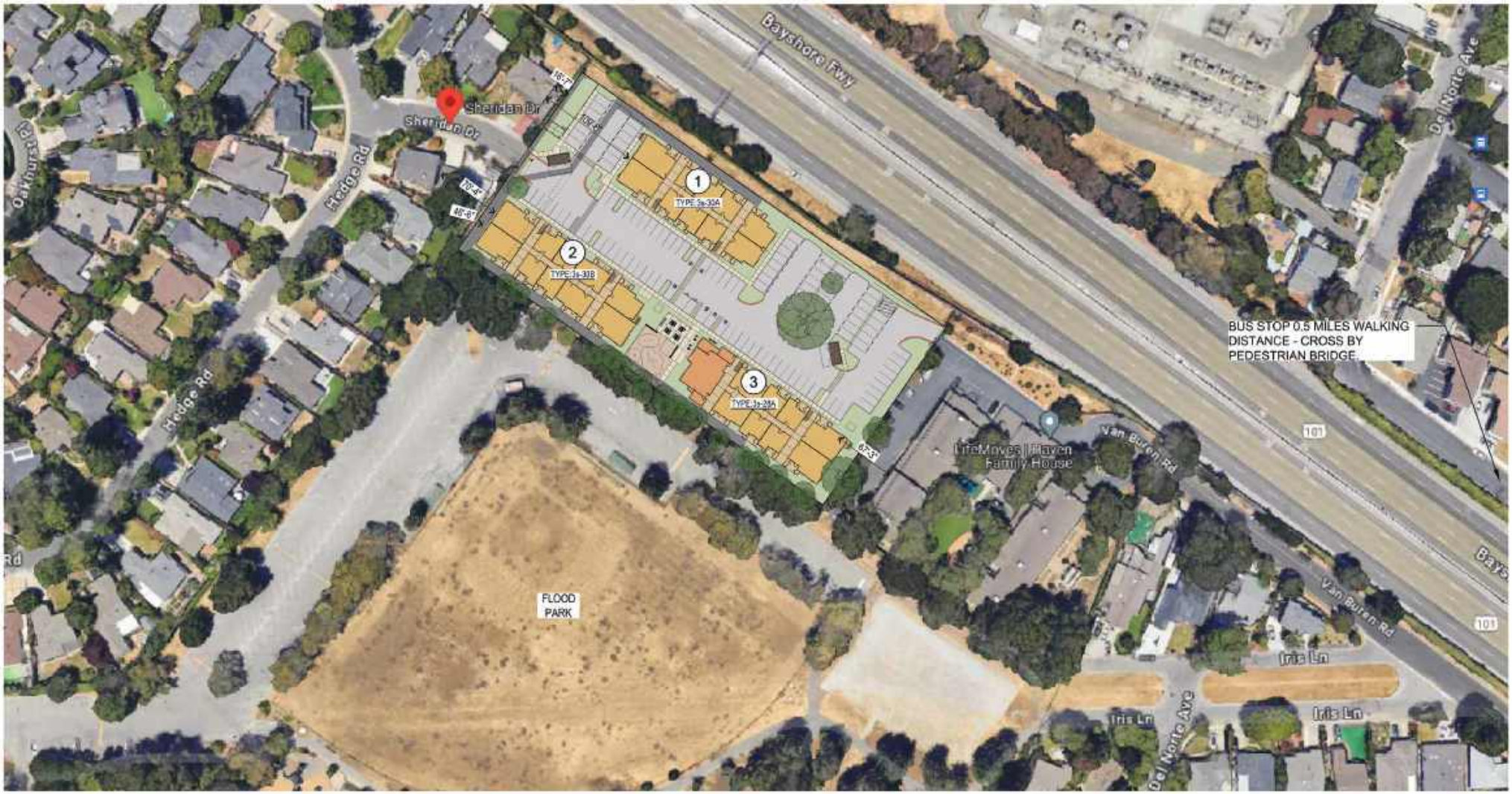
ESTIMATED ENERGY USE INTENSITY (EUI)

The estimated energy use intensity (EUI) for the proposed project is the following:

Estimated Site EUI kBtu/sf/yr per Energy Star Portfolio Manager Median	59.6 kbtu/sf	
Site EUI base off similar building in Menlo Park with similar building assemblies	36.8 kbtu/sf	36.8 kbtu/sf

Appendix – Green Building Sheets

Appendix A – LEED Site Plan, LEED Floor Plan, LEED Roof Plan



399.265 **Sheridan Drive Apartments**
Menlo Park, CA
April 25, 2024

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Calabasas, CA 91302

VICINITY MAP
A0.1

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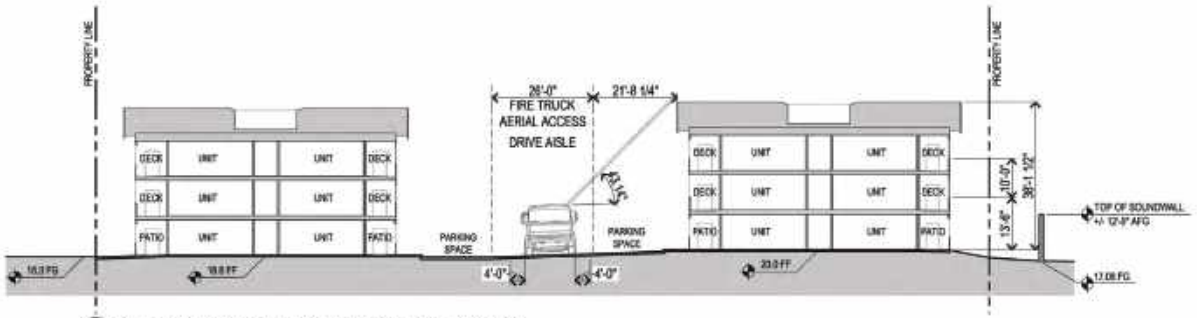

Ⓐ SITE SECTION AND FIRE TRUCK AERIAL ACCESS

PROJECT DATA

Jurisdiction	Menlo Park, CA		
Proposed Zoning	R3 - APARTMENT ZONING DISTRICT		
Gross Land Area	108,724 S.F.		2.50 ACRES
Total Units Proposed			**88**
Density Proposed per Gross Acre (DU/AC.)			**35.26**

PARKING SUMMARY				
Parking				111
Accessible Stalls - CBC 11B-208.2.3.2		2%	3	5
Accessible Stalls - Van				1
Accessible EV Chargers - 5% (EVSC)				1
Accessible EV Chargers - Van (EVSC)				1
Total Proposed Parking Spaces				**119**
Total Required	1 SPACES PER 1 BED UNIT	1.5	42	63
	1.5 SPACES PER 2 & 3 BED UNIT	2	46	92
				155

EV PARKING SUMMARY		
		Total
EV Capable - 10% (EVC)	12	12
EV Ready - 25% (EVR)	30	30
EV Chargers - 5% (EVSC)	7	7
Accessible EV Chargers - 5% (EVSC)	1	1
Accessible EV Chargers - Van (EVSC)	1	1
Total		51

NOTE:
1. LANDSCAPE AS SHOWN IS CONCEPTUAL FOR REFERENCE ONLY. SEE LANDSCAPE PLAN BY OTHERS FOR MORE INFORMATION.
2. ALL FREESTANDING LIGHTING WILL NOT EXCEED 20 FEET IN HEIGHT.

BICYCLE PARKING:

SHORT TERM: 10 BICYCLE PARKING
LONG TERM: 88 BICYCLE PARKING IN UNIT STORAGE OR BALCONY

AREAS:

HARDSCAPE AREA: 60,024 S.F.
LANDSCAPE AREA: 28,700 S.F.

399.265 Sheridan Drive Apartments
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SITE PLAN
A0.3

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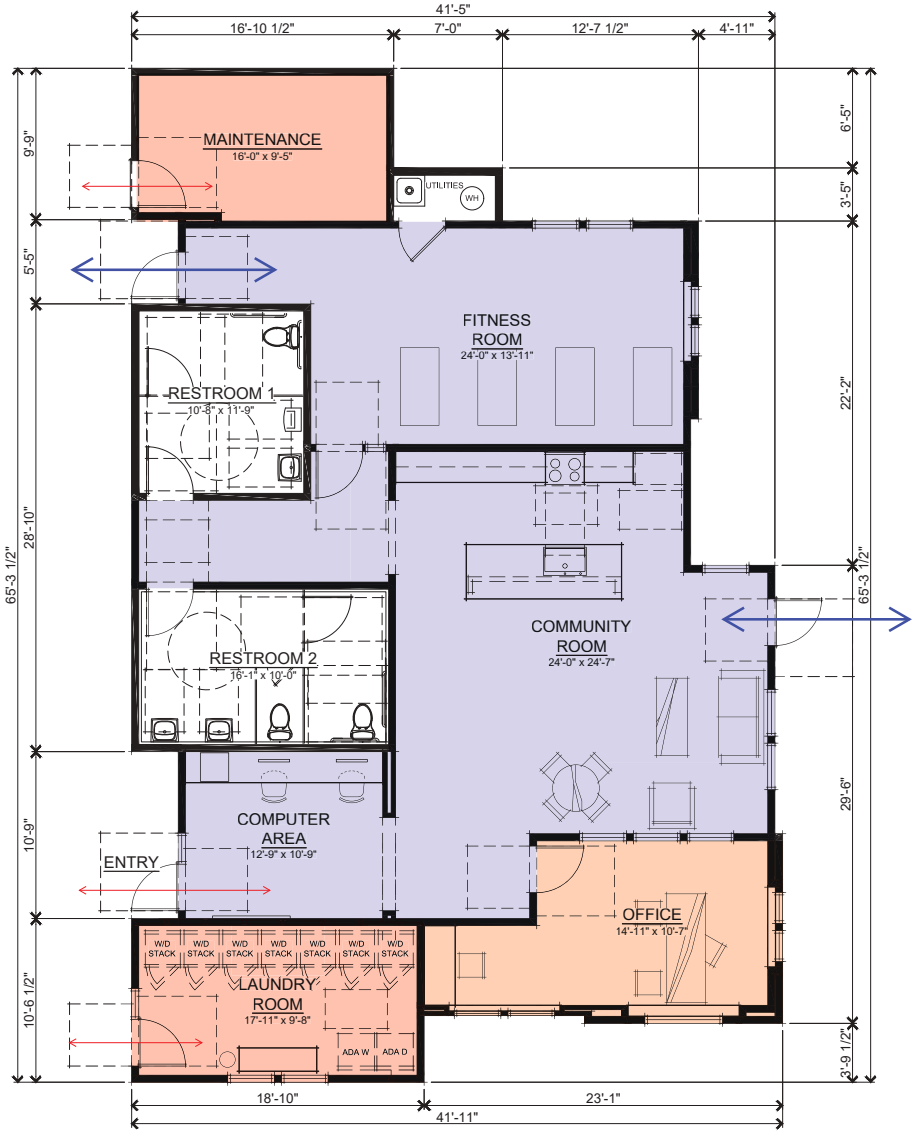

LEED Floor Plan legend

- Shared / Multi-Occupant spaces
- Individual / Single-occupant spaces
- Trash / Recycling area
- Janitor / Laundry Room
- Primary Entry / Exit
- Secondary Entry / Exit
- Emergency Exit only

COMMUNITY CENTER	
COMMUNITY ROOM	894 SQ. FT.
OFFICE	215 SQ. FT.
FITNESS ROOM	402 SQ. FT.
RESTROOM 1	139 SQ. FT.
RESTROOM 2	176 SQ. FT.
LAUNDRY ROOM	194 SQ. FT.
UTILITIES	26 SQ. FT.
MAINTENANCE	168 SQ. FT.
TOTAL AREA	2233 SQ. FT.

0 1' 2' 3' 4' 8'

399.265 Sheridan Drive Apartments
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COMMUNITY CENTER - FLOOR PLAN
A5

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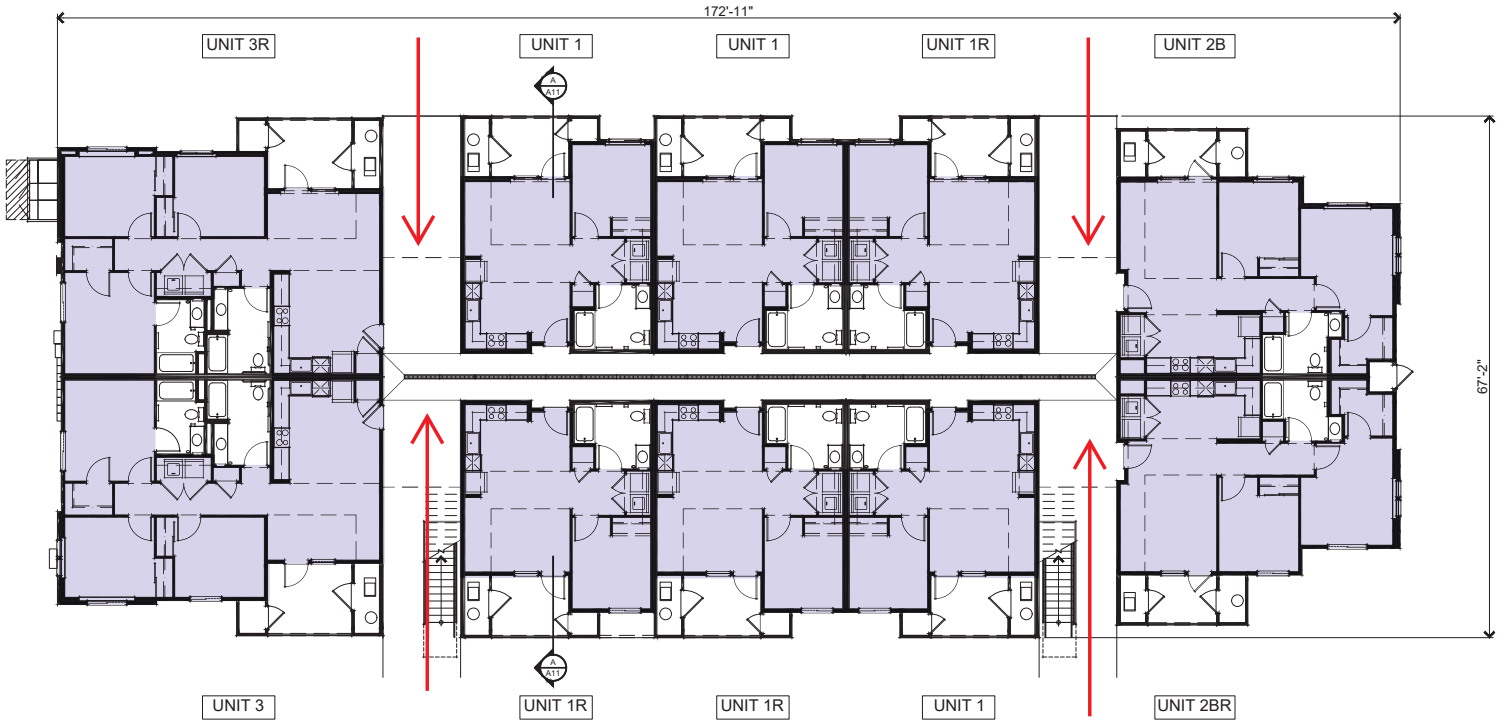

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BUILDING 1 - FIRST FLOOR PLAN
A6

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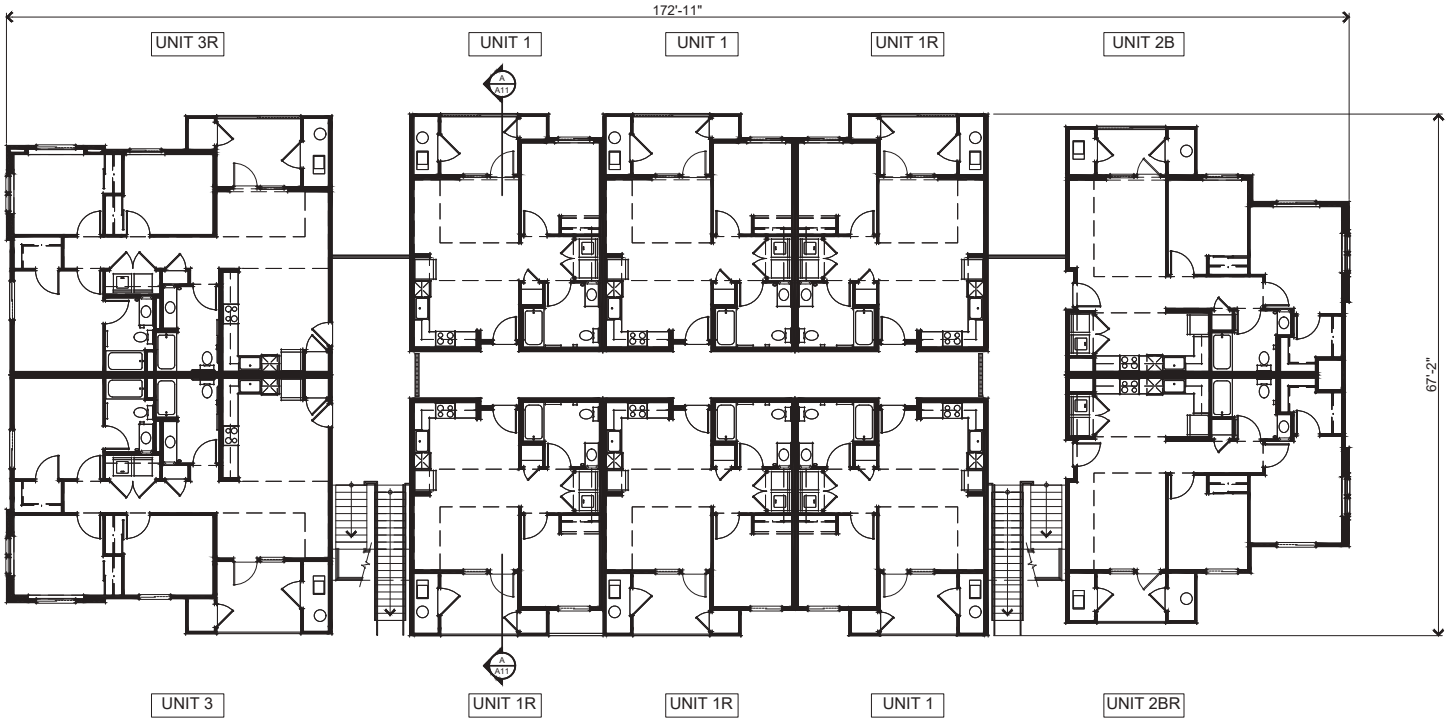

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BUILDING 1 - SECOND FLOOR PLAN
A7

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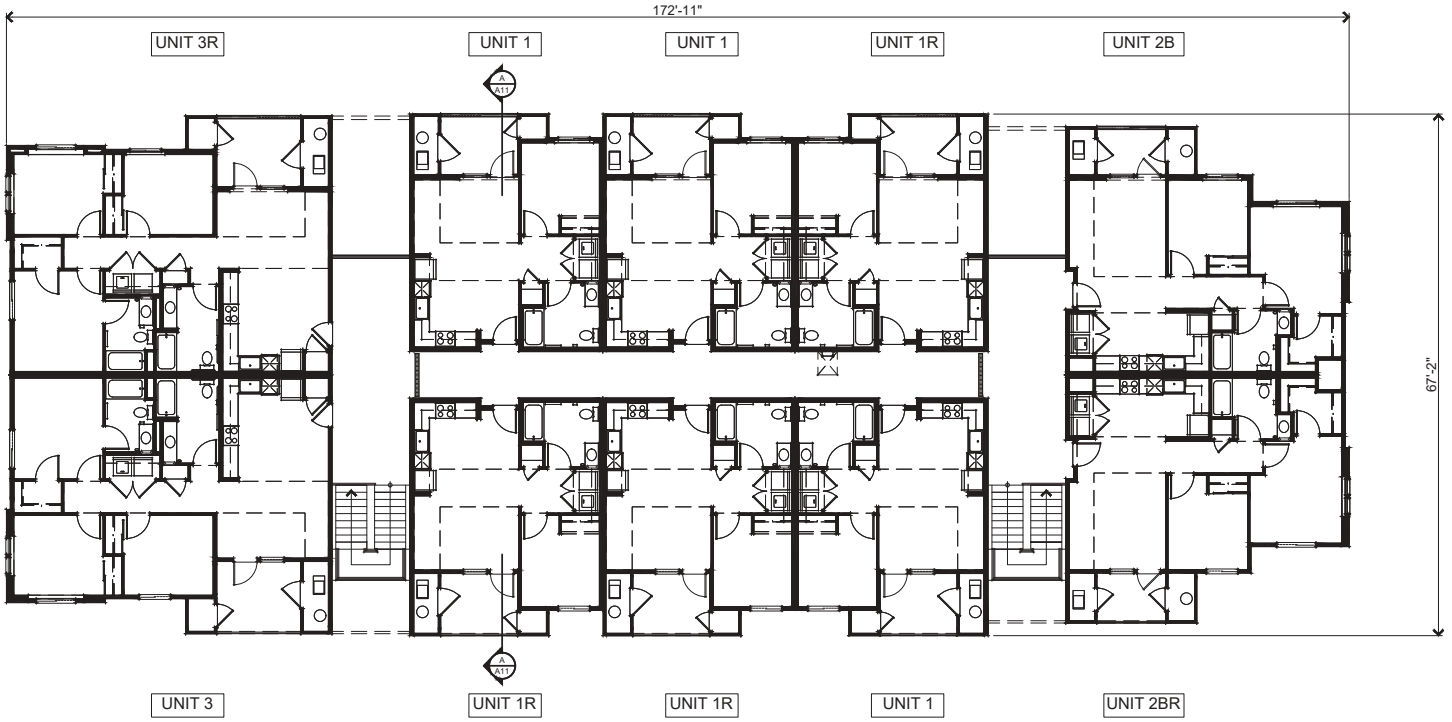

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399.265 Sheridan Drive Apartments
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BUILDING 1 - THIRD FLOOR PLAN
A8

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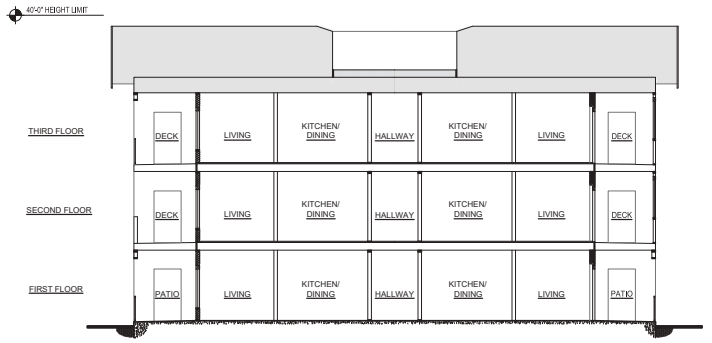
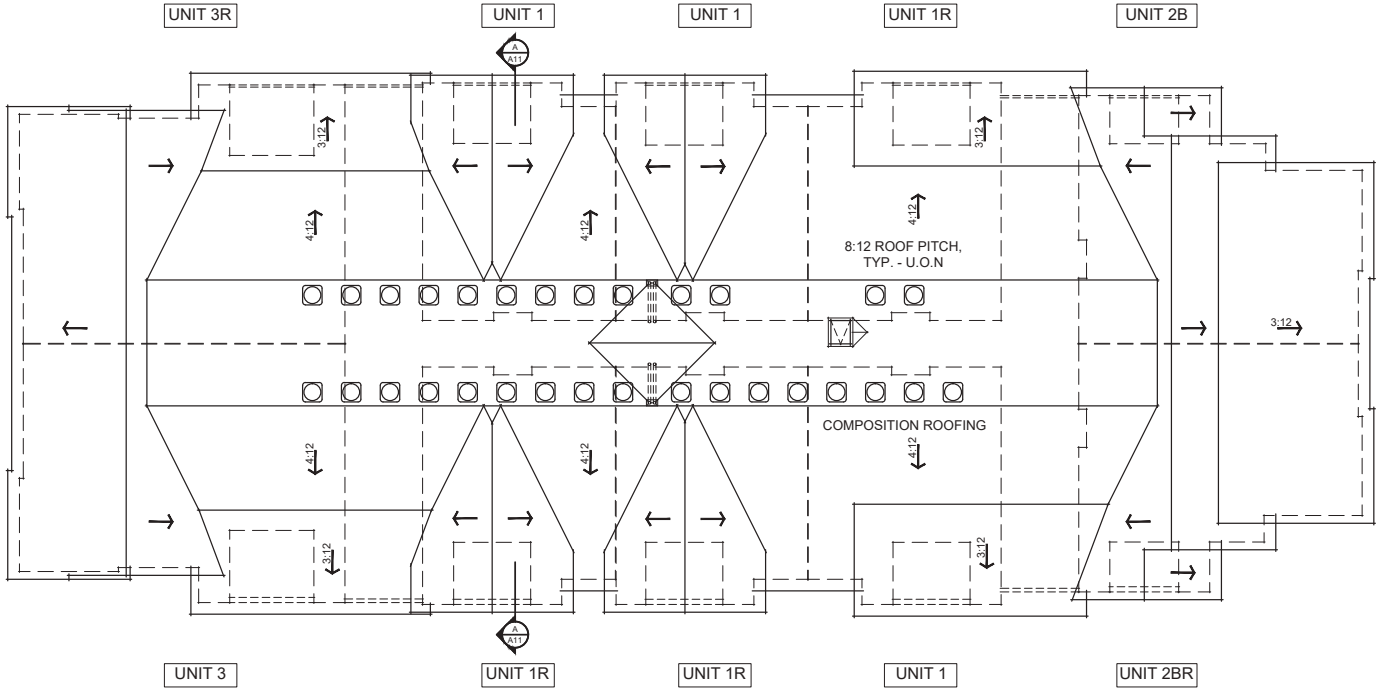
ROOF AREA CALCULATIONS:	
ROOFING MEMBRANE:	10,778 S.F.
WALKING PAD:	483 S.F.
MECHANICAL EQUIPMENT:	188 S.F.
TOTAL:	11,449 S.F.



Ⓐ SECTION



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399.265 Sheridan Drive Apartments
Menlo Park, CA
April 25, 2024

BUILDING 1 - ROOF PLAN & SECTION
A11

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399.265 Sheridan Drive Apartments
Menlo Park, CA
April 25, 2024

BUILDING 2 - FIRST FLOOR PLAN
A12

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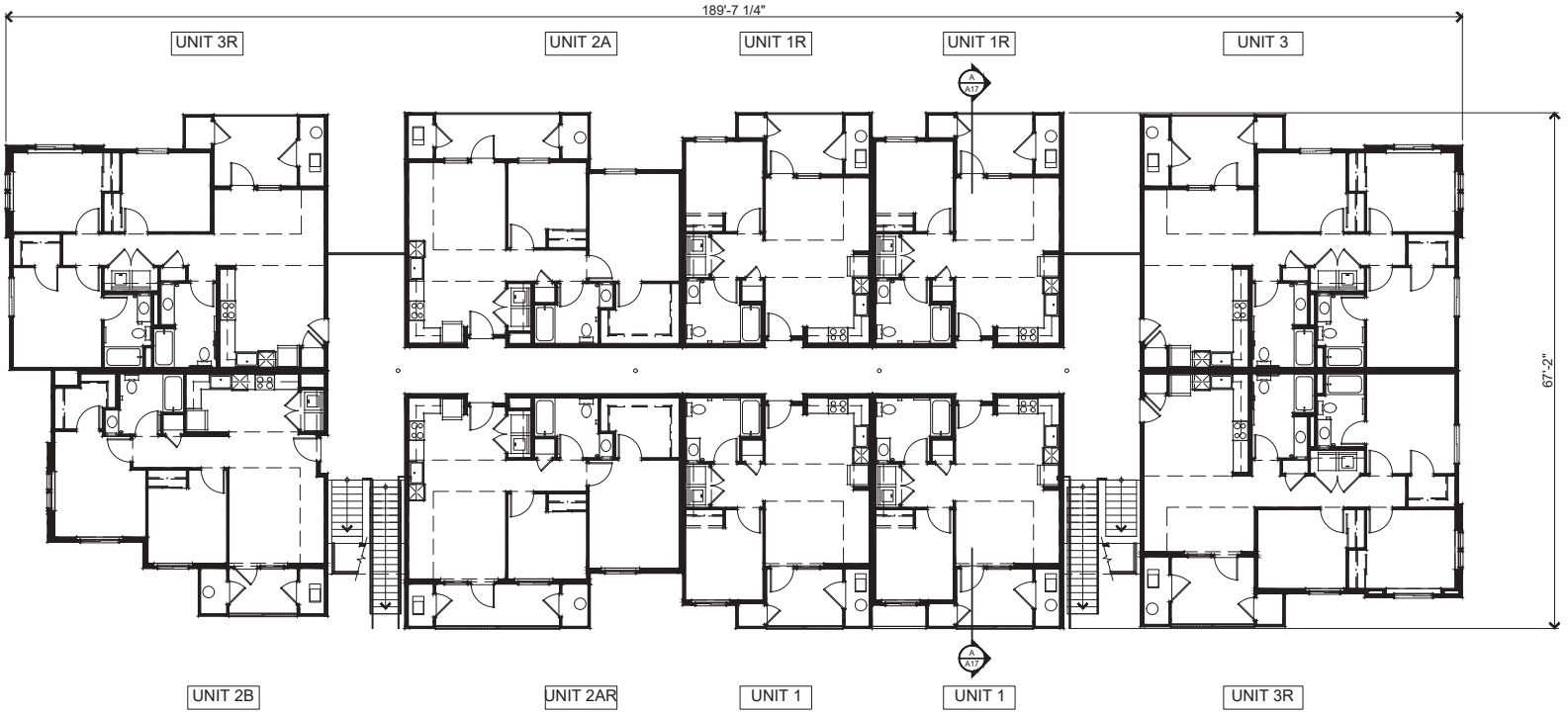

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Menlo Park, CA
April 25, 2024

BUILDING 2 - SECOND FLOOR PLAN
A13

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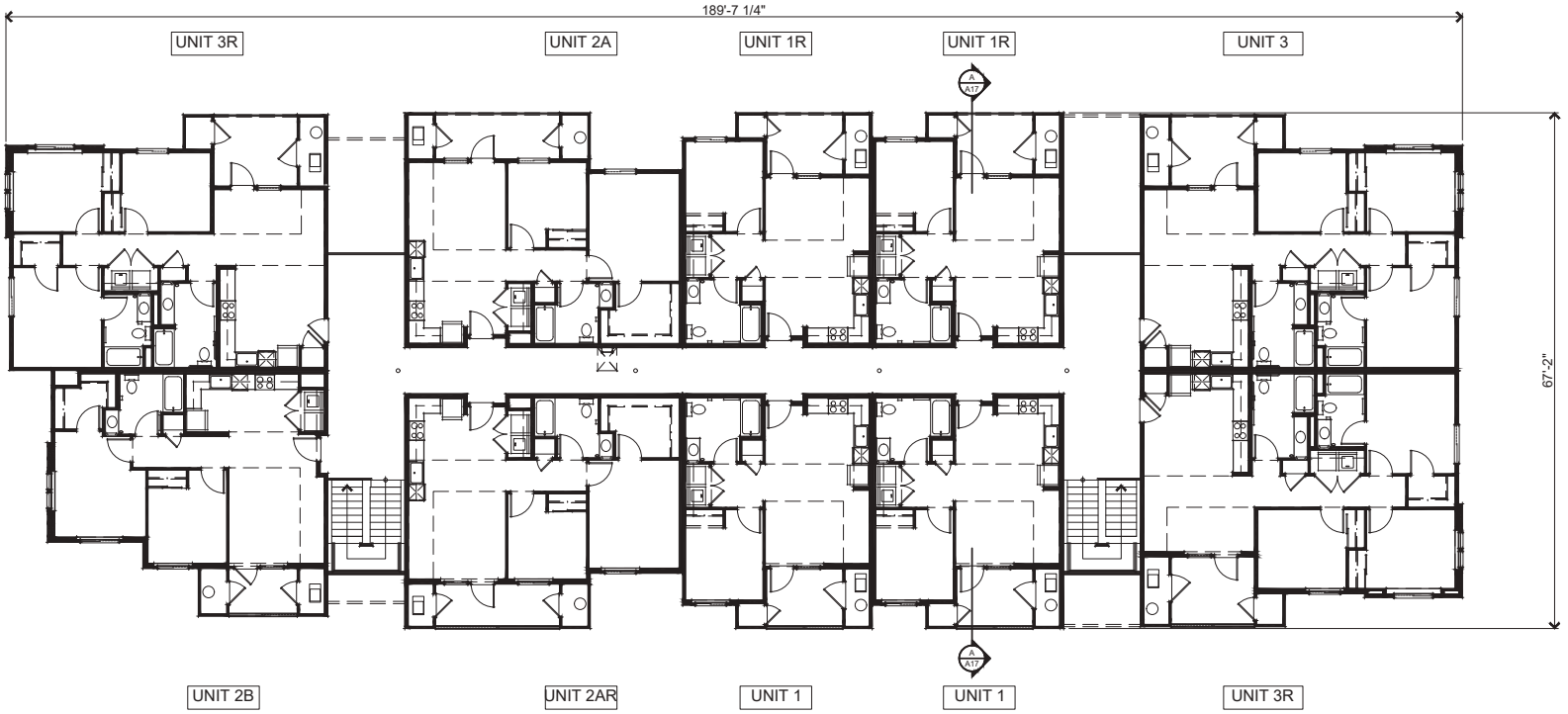

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399.265 Sheridan Drive Apartments
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April 25, 2024

BUILDING 2 - THIRD FLOOR PLAN
A14

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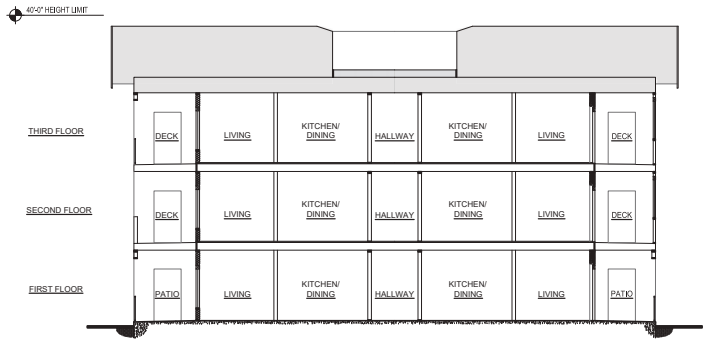
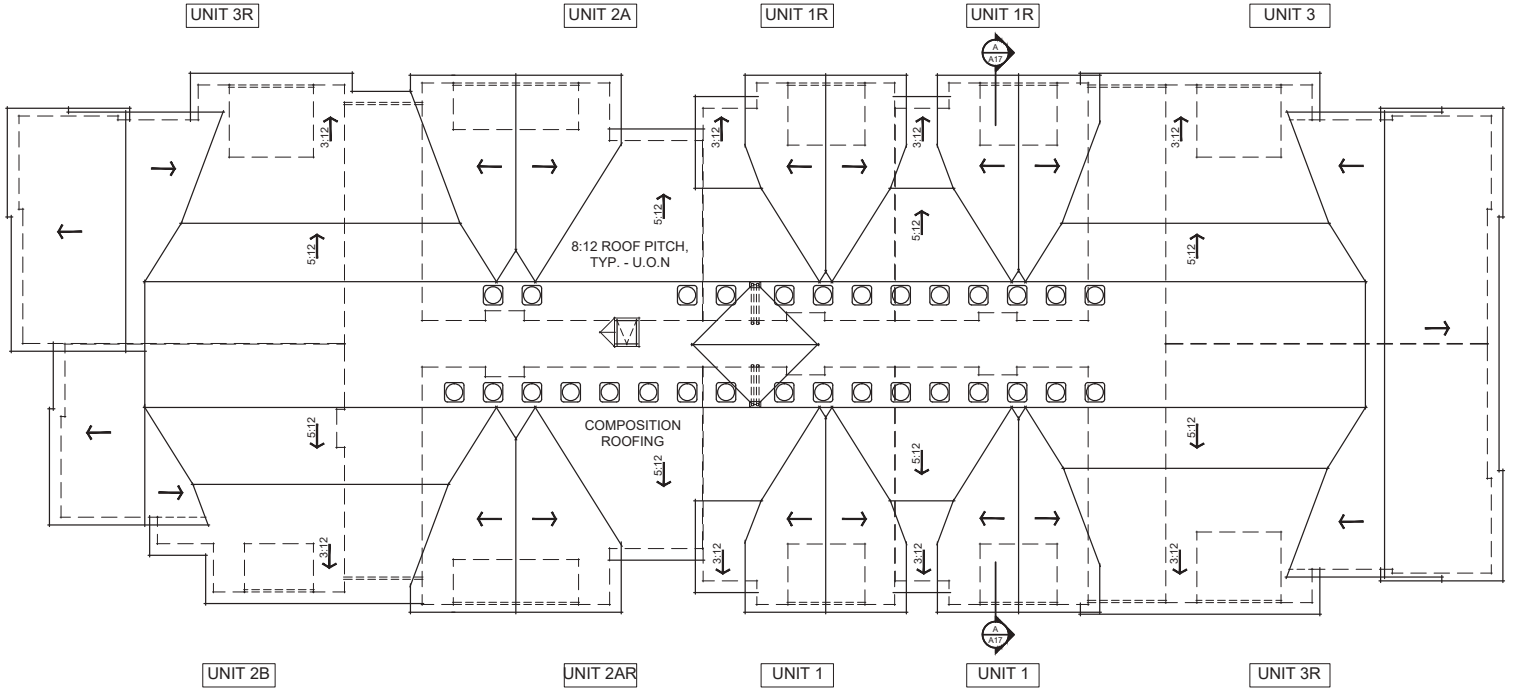
ROOF AREA CALCULATIONS:

ROOFING MEMBRANE:	11,729 S.F.
WALKING PAD:	479 S.F.
MECHANICAL EQUIPMENT:	188 S.F.
TOTAL:	12,396 S.F.



Ⓐ SECTION



0 2' 4' 6' 8' 16'

399.265 Sheridan Drive Apartments
Menlo Park, CA
April 25, 2024

BUILDING 2 - ROOF PLAN & SECTION
A17

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0 2' 4' 6' 8' 16'

399.265 Sheridan Drive Apartments
Menlo Park, CA
April 25, 2024

BUILDING 3 - FIRST FLOOR PLAN
A18

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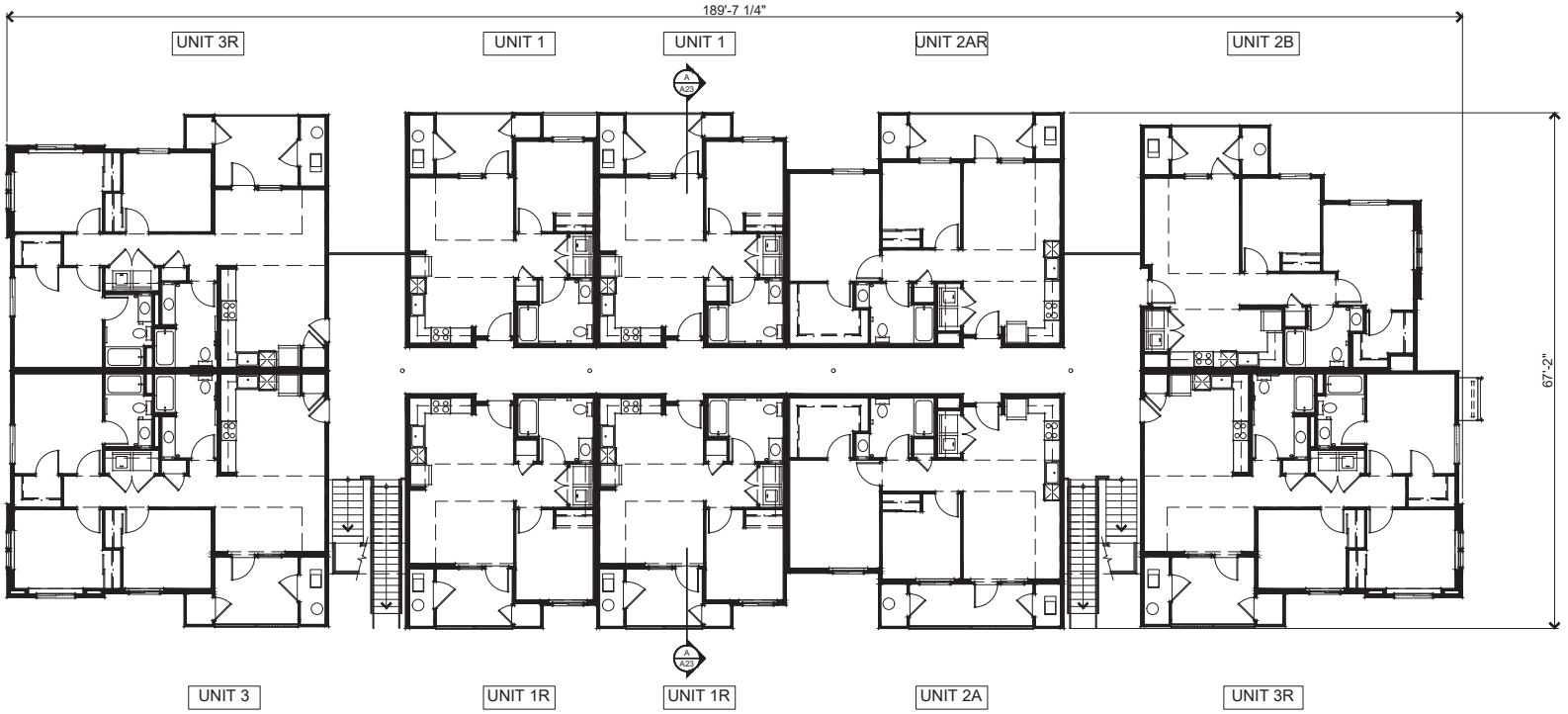
Brentwood, CA 94513
925.634.7030 | sdgarchitectsinc.com



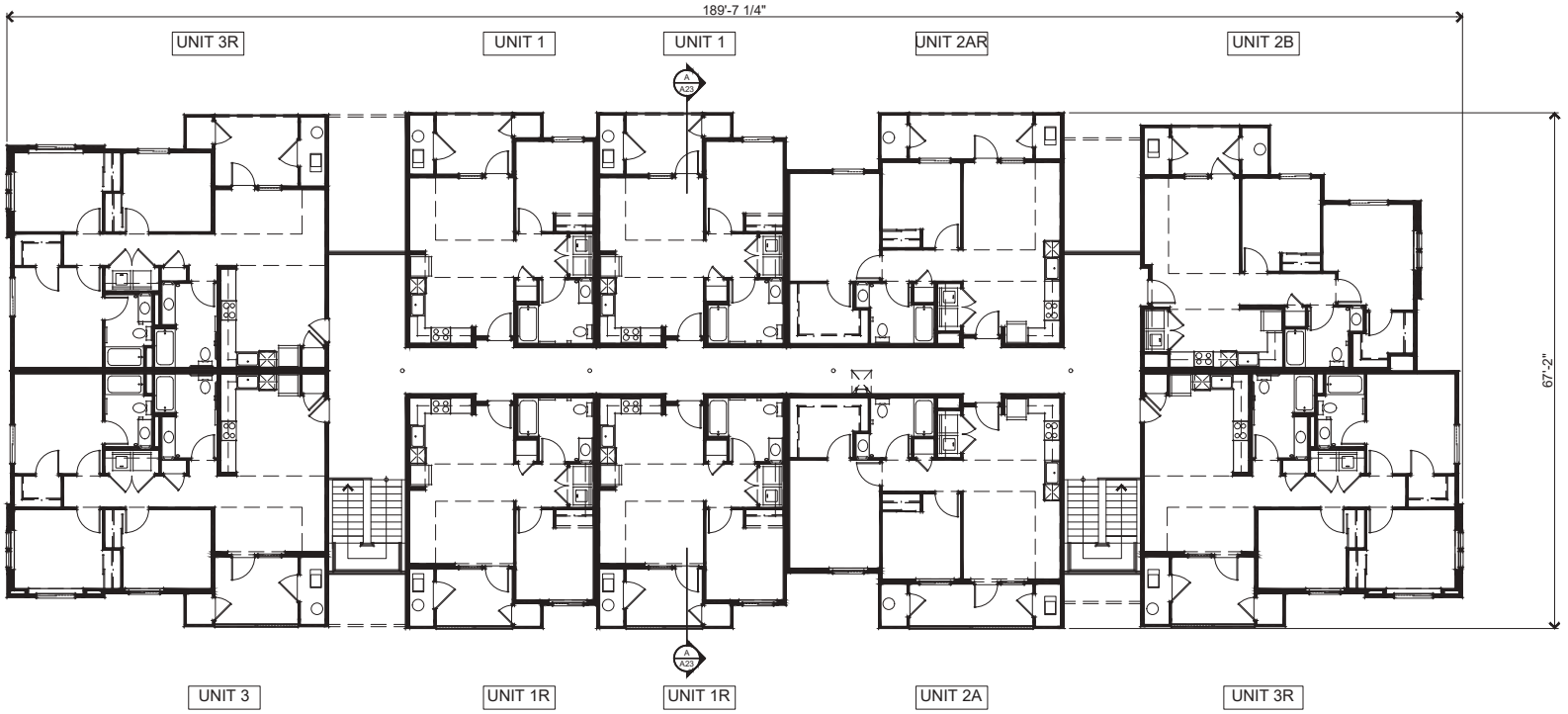
0 2' 4' 6' 8' 16'

399.265 Sheridan Drive Apartments
Menlo Park, CA
April 25, 2024

BUILDING 3 - SECOND FLOOR PLAN
A19

Alliant Strategic Development
26050 Mureau Road, Suite 101,
Calabasas, CA 91302

SDG Architects, Inc.
3361 Walnut Blvd. Suite 130
Brentwood, CA 94513
925.634.7030 | sdgarchitectsinc.com



0 2' 4' 6' 8' 16'

399.265 Sheridan Drive Apartments
Menlo Park, CA
April 25, 2024

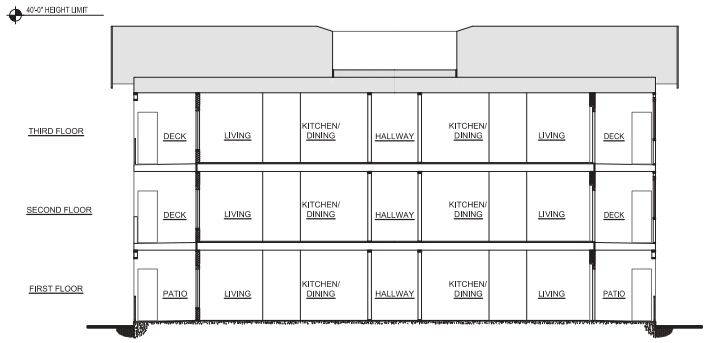
BUILDING 3 - THIRD FLOOR PLAN
A20

Alliant Strategic Development
26050 Mureau Road, Suite 101,
Calabasas, CA 91302

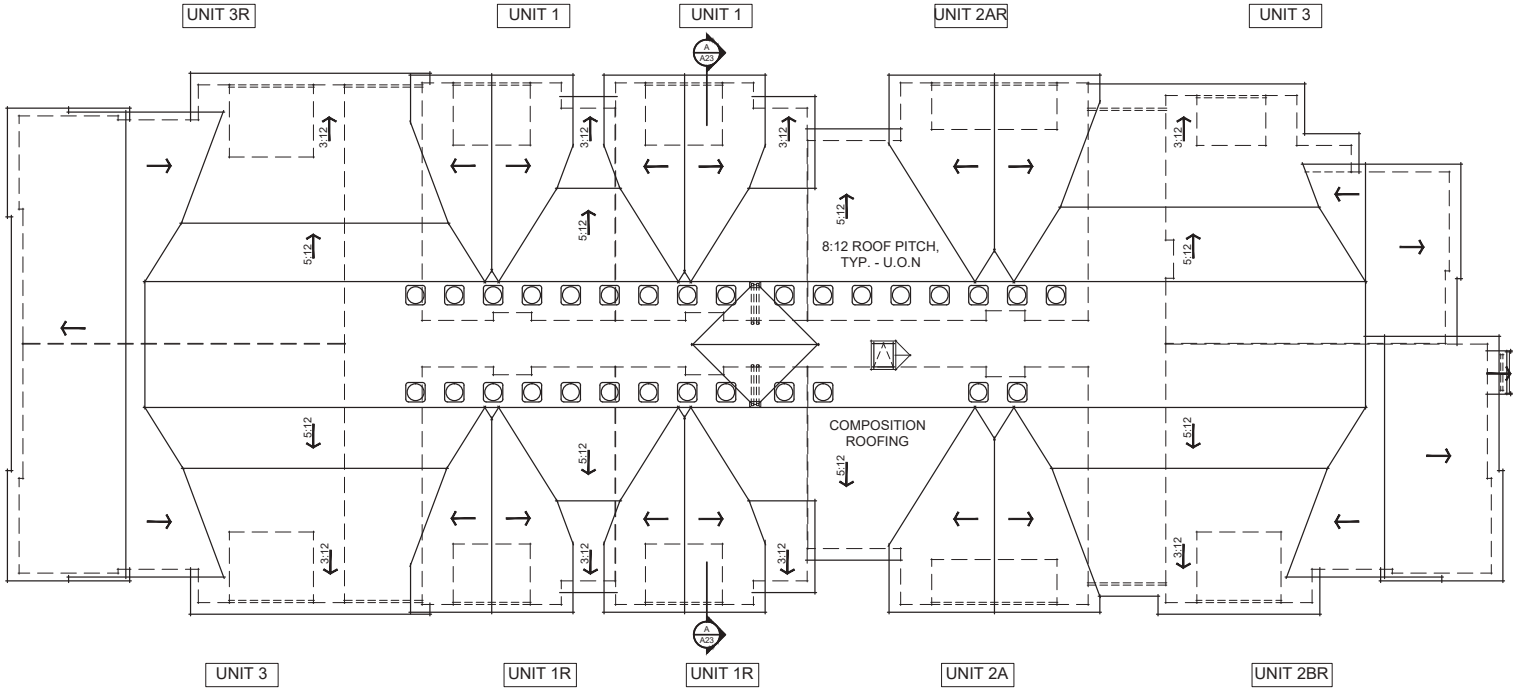
SDG Architects, Inc.
3361 Walnut Blvd. Suite 130
Brentwood, CA 94513
925.634.7030 | sdgarchitectsinc.com

ROOF AREA CALCULATIONS:

ROOFING MEMBRANE:	11,714 S.F.
WALKING PAD:	494 S.F.
MECHANICAL EQUIPMENT:	188 S.F.
TOTAL:	12,396 S.F.



Ⓐ SECTION



399.265 Sheridan Drive Apartments
Menlo Park, CA
April 25, 2024

BUILDING 3 - ROOF PLAN & SECTION
A23

Alliant Strategic Development
26050 Mureau Road, Suite 101,
Calabasas, CA 91302

SDG Architects, Inc.
3361 Walnut Blvd. Suite 120
Brentwood, CA 94513
925.634.7030 | sdgarchitectsinc.com

CRRC PROD ID.	MANUFACTURER	BRAND AND MODEL	PRODUCT TYPE	COLOR	SOLAR REFLECTANCE INITIAL	SOLAR REFLECTANCE 3 YEAR	THERMAL EMITTANCE INITIAL	THERMAL EMITTANCE 3 YEAR	SRI INITIAL	SRI 3 YEAR
0676-0041a	GAF	**Timberline® Cool Series®** Cool Barkwood **Timberline CS®** Cool Barkwood	Asphalt Shingle	Brown	0.27	0.26	0.90	0.92	27	27
0676-0042a	GAF	**Timberline® Cool Series®** Weathered Wood **Timberline CS®** Weathered Wood	Asphalt Shingle	Multicolor	0.28	0.27	0.92	0.90	30	28

COLOR SCHEME 1

GAF Roofing
Weathered Wood

Stucco
SW 7011 Natural Choice (254-C6)

Horizontal Siding
SW 7011 Natural Choice (254-C6)

Vertical Siding
SW 7011 Natural Choice (254-C6)

Fascia
SW 7069 Iron Ore (251-C7)

Entry Door / Accent
SW 7069 Iron Ore (251-C7)

COLOR SCHEME 2

GAF Roofing
Weathered Wood

Stucco
SW 7011 Natural Choice (254-C6)

Horizontal Siding
SW 7011 Natural Choice (254-C6)

Vertical Siding
SW 6164 Svelte Sage (212-C3)

Fascia
SW 7069 Iron Ore (251-C7)

Entry Door / Accent
SW 7645 Thunder Grey (278-C1)

COLOR SCHEME 3

GAF Roofing
Weathered Wood

Stucco
SW 7011 Natural Choice (254-C6)

Horizontal Siding
SW 7011 Natural Choice (254-C6)

Vertical Siding
SW 7047 Porpoise (245-C6)

Fascia
SW 7069 Iron Ore (251-C7)

Entry Door / Accent
SW 2817 Rookwood Amber (311)

Note: *All colors and textures are representative samples only, pending verification of actual material suppliers and manufacturers for this particular project.*

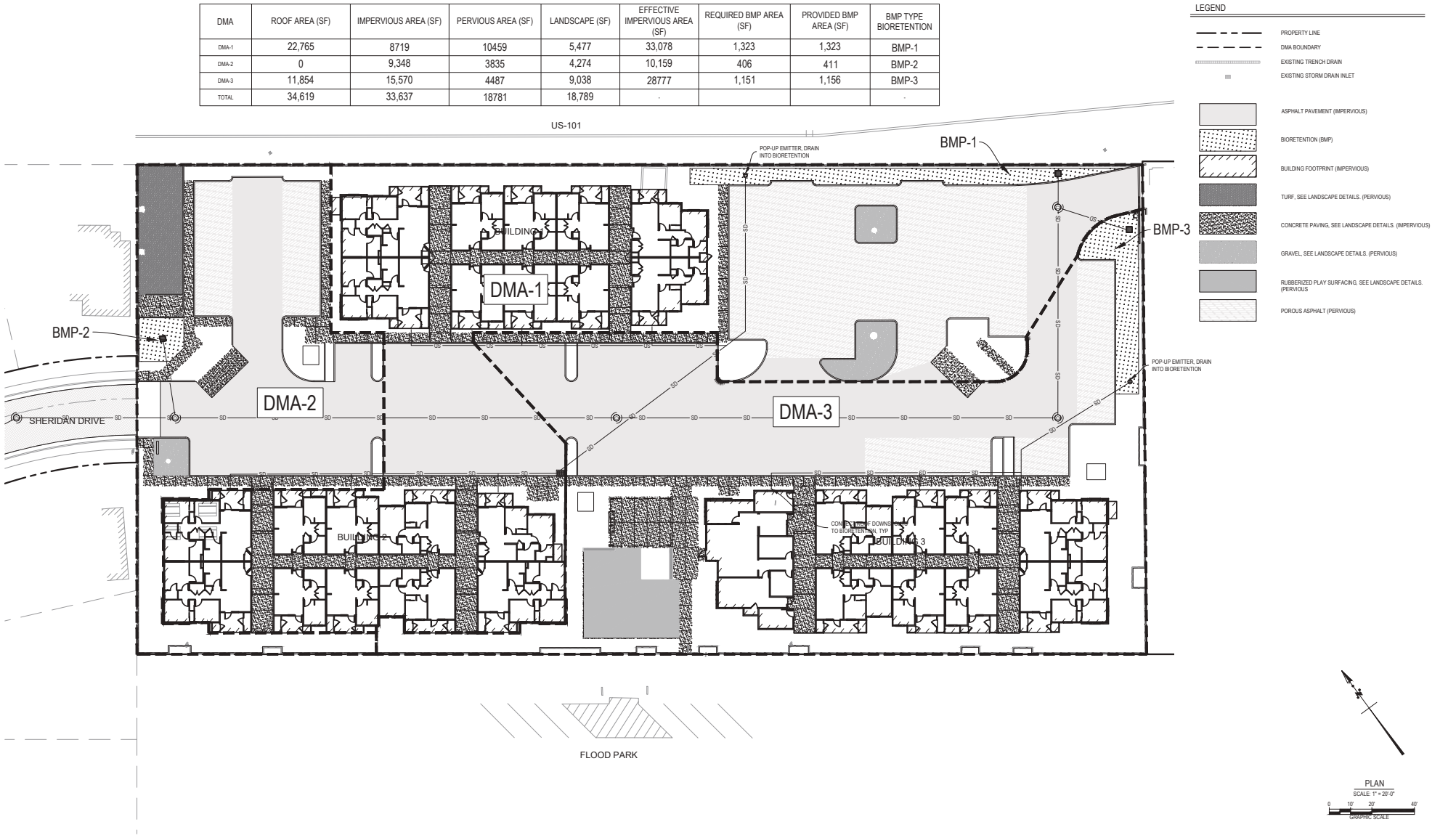
399.265 Sheridan Drive Apartments
Menlo Park, CA
April 25, 2024

Alliant Strategic Development
26060 Mureau Road, Suite 101,
Calabasas, CA 91302

COLOR & MATERIALS
A29

SDG Architects, Inc.
3361 Walnut Blvd. Suite 120
Brentwood, CA 94513
925.634.7000 | sdgarchitectsinc.com

DMA	ROOF AREA (SF)	IMPERVIOUS AREA (SF)	PERVIOUS AREA (SF)	LANDSCAPE (SF)	EFFECTIVE IMPERVIOUS AREA (SF)	REQUIRED BMP AREA (SF)	PROVIDED BMP AREA (SF)	BMP TYPE BIORETENTION
DMA-1	22,765	8719	10459	5,477	33,078	1,323	1,323	BMP-1
DMA-2	0	9,348	3835	4,274	10,159	406	411	BMP-2
DMA-3	11,854	15,570	4487	9,038	28777	1,151	1,156	BMP-3
TOTAL	34,619	33,637	18781	18,789	-			-



399.265 Sheridan Drive Apartments
Menlo Park, CA
April 26, 2024

PRELIMINARY STORMWATER CONTROL PLAN
C-4

Alliant Strategic Development
26050 Mureau Road, Suite 100,
Calabasas, CA 91302

45 Fremont Street, 28th Floor
San Francisco, CA 94105
415.989.1004 | kpff.com

D32

What was learned?
Most Flood Triangle residents have little to no knowledge or incorrect knowledge of a proposed road connecting to VanBuren Road through the Haven House Shelter. Additionally, the cost of a new road will be the burden of taxpayers is unknown to residents of Flood Triangle.
Haven House is enthusiastically embraced by Flood Triangle residents and continued safety for the shelter and the neighborhood is important to residents. Building a road through the small narrow space of Haven House disturbs the peaceful aesthetic of the shelter and introduces an outside influence to shelter residents that is concerning to Flood Triangle residents.
Only five residents were in favor of connecting VanBuren Road to the former Flood School site. Approximately 9 residents wanted to learn more before signing a petition.

It was a pleasure talking with fellow Flood Triangle residents, often spending 30 or 40 minutes discussing the neighborhood, a potential new road, Haven House shelter, Flood Park, block parties, city interaction and more.

Why a new road through Haven House does not work in the Flood Triangle.

1. The Haven House property is an intimate, sensitive, narrow property. The dead end allows management to control the site from outside interference such as cars or individuals not living at the shelter. Children from the daycare center at Haven House take walks on VanBuren Road. More traffic is a concern for the children's safety.

2. The pedestrian/bike bridge over Highway 101 from the Belle Haven neighborhood to the Flood Triangle neighborhood is busy. Students use the bridge and the Flood Triangle neighborhood to get to Menlo Atherton High School and the Tide Academy. Commuters, bike enthusiasts, walkers, walkers with strollers and dogs, those on scooters and skateboards all use the bridge and flow into and out of the Flood Triangle. Safety is the issue for bridge users. The fewer the cars the better.

3. Flood Park is getting a huge rebuild with a bike pump track just inside the Iris Lane pedestrian gate.The pump track is going to attract lots of bikes, from all directions, to the area of the pedestrian gate.

4. The redesign of the park is going to attract the desire to "drop off"at the Iris gate. Although the area will be posted as "no stopping" drop offs and more cars are going to be mixing with bikes and pedestrians.

5. The Flood Triangle streets are narrow and curvy. Children play in the streets as can be seen from the numerous basketball hoops and chalk drawings.

6. Flood Triangle is "open" to all cars and trucks looking for a way to get somewhere faster.

7. The intersections of Ringwood, Sonoma, Tehama and Del Norte at Oakwood Place are dangerous. While gathering at Oakwood Place and Del Norte during the October 8th walk with city officials a bike and car had a close call at the intersection.

8. VanBuren Road and Ringwood are heavily used by commuters trying to avoid the backup on Bay Road and Ringwood at the stop sign. Ringwood is also heavily used by bike riders as the bridge overcrossing lines up with Ringwood Avenue.

9. VanBuren Road has never connected to the former Flood School Site. Connecting the two will add car traffic where it never existed before. An increase in car traffic will bring noise pollution, air pollution and road maintenance where it never existed.

10. The majority of Flood Triangle residents do not want to connect a road to the former Flood School site. Residents also do not want the City of Menlo Park taxpayers to pay for the construction of a new road.

These petition signatures are important. A new road through Haven House connected to Van Buren Road will have a negative and dangerous impact on Flood Triangle residents, cyclists and Haven House homeless shelter.

The Life Moves property, as is, is the perfect setting for safely hosting homeless families.

This petition is necessary to "make some noise" and voice Flood Triangle residents' opposition to an unnecessary road through Haven House connecting to Van Buren Road.

Sincerely,

Carolyn Ordonez and Wendy Shindler

Residents of the Flood Triangle neighborhood in Menlo Park CA

- This petition is to prevent a second access into the former Flood School site through Haven House.
- These residents of the Flood Triangle neighborhood are opposed to using Van Buren Road and a new road being created through Haven House.

Signature	Address	Date
1. Mary L. Hollywood Senior '66	523 BAY RD MENLO PARK maryl-h@comcast.net	3/25/2023
2. Barbara B Goldie senior	531 BAY RD	3/25/2023
3. Victoria Tregoning senior	1012 Berkeley Ave, Menlo Park	3/25/23
4.	1012 Berkeley Ave Menlo Park	3/25/23
5.	1020 Berkeley Ave. Menlo Park	3/25/23
6. Zhenyang Zhong	1024 Berkeley Ave. Menlo Park	3/25/23
7. Denise Allonzi	1032 Berkeley Avenue Menlo Park	3.25.23
8.	1044 Berkeley Ave Menlo Park	3/25/23
9.	1048 Berkeley Av Menlo Park	3/25/23
10. Ken Klanti	1056 Berkeley Ave M.P	3/25/23
11. Will Brown	1043 Berkeley Ave	3/25/23
12.	515 Bay Rd	3/26/23
13. Ken Gill	507 Bay Rd	3/26/23

- This petition is to prevent a second access into the former Flood School site through Haven House.
- These residents of the Flood Triangle neighborhood are opposed to using Van Buren Road and a new road being created through Haven House.

Signature	Address	Date
14. Patricia S. Gray	1032 Menlo Oaks, Menlo Park, CA	3-26-2023
15. Margaret Daub	1034 Menlo Oaks Dr Menlo	3/26/23
16. Avani Khatri	1036 Menlo Oaks Dr. Menlo Park CA	3/26/23
17.	1038 Menlo Oaks. Dr. Menlo Park CA	3/26/23
18.	1050 ~~Menlo~~ Almanor Ave, Menlo Park CA	3/26/23
19. Catherine Francis	1040 Almanor Ave Menlo Park CA	3/30/23
20.	1046 Almanor Ave. Menlo Park	3/30/23
21.	1049 Almanor Ave Menlo Park	3/30/23
22.	1041 ALMANOR AVE. MENLO PARK	3/30/23
23. Stephen M Perry	1041 ALMANOR AVE, MENLO PARK	3/30/23
24. Barry Shepard	1035 ALMANOR AVE. MENLO PARK	3/30/23
25. Carolyn Bedsole	1035 Almanor Ave Menlo Park	3/30/23
26.	1033 Almanor Ave Menlo Park	3/30/23

- This petition is to prevent a second access into the former Flood School site through Haven House.
- These residents of the Flood Triangle neighborhood are opposed to using Van Buren Road and a new road being created through Haven House.

	Signature	Address	Date
27.	Zigun &	1083 Almanor Ave Menlo Park	3/30/23
28.	Priya Snack	1085 Almanor Ave, "	3/30/23
29.	Srinath N	" " " "	3/30/23
30.	Elizabeth Boggs	1064 Almanor Ave.	3/30/23
31.	Mary E Mcmm	1042 Almanor Ave	3-31-23
32.	Wayne Price	1056 Almanor Ave	3-31-23
33.	Evelyn Khuoo	1008 ALMANOR AVE.	3-31-23
34.	Christine Conde	1004 Almanor Ave	3-31-23
35.	[signature]	1007 Almanor Ave	3-31-23
36.	Carol Conrad	1045 Almanor Ave	4-1-23
37.	[signature]	1031 Almanor Ave	4/1/23
38.	[signature]	1002 Almanor Ave	4/1/23
39.	Sai Zhang	1051 Menlo Oaks Dr	4/1/23

- This petition is to prevent a second access into the former Flood School site through Haven House.
- These residents of the Flood Triangle neighborhood are opposed to using Van Buren Road and a new road being created through Haven House.

Signature	Address	Date
40.	1053 Menlo Oaks Drive Menlo	4-1-23
41.	1056 Menlo Oaks Drive	4-1-23
42. Carolyn Cudeng	1040 Almanor Ave	4-1-23
43. Helen Keith	1053 Ringwood Ave	4-2-23
44. Michelle Sutton	1049 Ringwood Ave.	4-2-23
45. Mitchell Sutton	1049 Ringwood Ave	4-2-23
46. Yvette Sutton	1041 Ringwood Ave	4-2-23
47. Nelson	1039 Ringwood Avenue	4-2-23
48. Kurt Comblest	1039 Almanor Ave	4-2-23
49. C Comblest	1039 Almanor Ave.	4-2-23
50.	1037 Almanor Ave	4-3-23
51.	1042 Almanor Ave	4-3-23
52. Adam Brosamer	1030 Ringwood Ave	4/3/23

- This petition is to prevent a second access into the former Flood School site through Haven House.
- These residents of the Flood Triangle neighborhood are opposed to using Van Buren Road and a new road being created through Haven House.

	Signature	Address	Date
53.	Catherine Duong	11 Iris Ln, Menlo Park	4/4/2023
54.	Wendy Horton	7 Iris Ln, Menlo Park	4/4/2023
55.	ANGSTASIO CALDERON	5 IRIS LANE, MENLO PARK	4/4/23
56.	An-chin, Shih	2 Iris Lane, Menlo Park	4/4/2023
57.	Anh-Hoa Nguyen	20 Iris Ln, Menlo Park	4/4/2023
58.	[illegible]	28 Iris Ln MenloPark	4/4/23
59.	Jan Blossom	36 IRIS LN MP	4/4/23
60.	[illegible]	16 Iris Ln, MP	4/4/2023
61.	[illegible]	1051 DEL NORTE AVE, MP	4/4/2023
62.	[illegible]	1027 Del Norte Ave, MP	4/8/2023
63.	Nettie Wynn	1037 Del Norte Ave MP	4/8/23
64.	KRISH KALKIRAJ	1072 DEL NORTE AVE	4/8/23
65.	PARTHIBAN SWAMIMUTHU	1051 Oakland Ave.	4/21/23
66.	Helen Hubert	1043 Oakland Ave	4/21/23

- This petition is to prevent a second access into the former Flood School site through Haven House.
- These residents of the Flood Triangle neighborhood are opposed to using Van Buren Road and a new road being created through Haven House.

	Signature	Address	Date
67.		1041 Oakland Ave., Menlo Park, CA 94025	4/21/23
68.		1041 Oakland Ave. M.P. 94025	4/21/23
69.		1033 OAKLAND AVE. MP 94025	04/21/23
70.		1019 Oakland Ave MP 94025	4/21/23
71.	Mike Wright	1010 Ringwood Ave.	4/21/23
72.		1026 Ringwood Av	4/28/23
73.		1028 RINGWOOD AVE	4/28/23
74.	Matt Smith	331 Oakwood PL	4/28/23
75.	Alyssa Smith	331 Oakwood PL.	4/28/23
76.	Sandy Ritchie	323 OAKWOOD PL	4/28/23
77.		319 OAKWOOD PLACE	4/28/23
78.	Kathleen R. Bui	319 Oakwod Place	4/28/23
79.		311 OAKWOOD PL	4/28/23
80.		311 OAKWOOD PL	4/28/23

- This petition is to prevent a second access into the former Flood School site through Haven House.
- These residents of the Flood Triangle neighborhood are opposed to using Van Buren Road and a new road being created through Haven House.

Signature	Address	Date
81. Kristina Johnson	1011 Sonoma Ave M.P.	4.30.23
82.	308 Oakwood Pl., MP	4.30.23
83. Alicia Jennings	1066 Sonoma Ave, MP	04/30/23
84 Elizabeth Wenzel	1060 Sonoma Ave MP	5/6/23
85.	1044 Sonoma Ave MP	5/6/23
86. Jose Mora	1054 SONOMA AVE M.P.	5/7/23
87.	1056 SONOMA AVE M.P.	5/7/23
88.	1032 Sonoma Ave M.P.	5/7/23
89. NICK/ MEGAN	1040 SONOMA AV	5-7-23
90.	1040 SONOMA AV	5-7-23
91. Elena Stalej	1023 Berkeley Ave MP	5-7-23
91.	1032 Sonoma Ave	5/8/23
93.	1057 SONOMA AVE	05/10/23

- This petition is to prevent a second access into the former Flood School site through Haven House.
- These residents of the Flood Triangle neighborhood are opposed to using Van Buren Road and a new road being created through Haven House.

Signature	Address	Date
94. R. Lee	1055 Sonoma Ave	5.11.23
95.	1053 Sonoma Ave	5/11/23
96. Clayronda	312 Oakwood Place	5/11/23
97.	1033 Del Norte Ave.	5/11/23
98. Jon Caldwell	1063 Del Norte Ave	5/11/23
99. Maria Sotos	1081 Tehama Ave	5/11/23
100. MATBEM	1081 TEHAMA AVE	5/11/23
101. Tatum L. Maes	1063 Tehama Ave	5/12/23
102.	1025 Tehama Ave	5/12/23
103.	1056 Tehama	5/12/23
104. Margaret Brands	1026 Tehama Ave	5/12/23
105. Reid Zellmer	1068 Tehama Ave.	5/13/23
106. Neal Vandervaart	1060 Tehama Ave	5/13/2023

- This petition is to prevent a second access into the former Flood School site through Haven House.
- These residents of the Flood Triangle neighborhood are opposed to using Van Buren Road and a new road being created through Haven House.

	Signature	Address	Date
107.		1040 Tehama Avenue	5/13/23
108.		1036 Tehama Ave	5/13/23
109.		1035 Tehama Ave	5/13/23
110.		1046 Ringwood Ave.	05/15/23
111.		1054 RINGWOOD AVE	05/15/23
112.		1056 Ringwood Ave	5/15/23
113.		1060 Ringwood Ave	5/15/23
114.		1043 Ringwood Ave	5/15/23
115.		1055 TEHAMA AVE	5/16/23
116.		1009 Almanor Ave	5/17/23
117.		1009 ALMANOR AVE	5/19/23
118.		1055 Tehama Ave	5/31/23
119.		1043 Almanor	6/4/23
120.		1031 Almanor	6/4/23

Proposal to the Planning Commission to recommend a second exit for 320 Sheridan via Van Buren Road

Summary of Proposal:

A second entrance/exit east of the project would significantly benefit residents of the proposed housing, as well as residents of nearby neighborhoods in several ways:

- Increase firefighters' ability to fight a multistory blaze by approaching from Sheridan, with the prevailing wind at their backs. The Menlo Park Fire Chief, Mark Lorenzen, agrees that a second exit which accomplishes this would be safer.
- Increase fire safety for teachers and residents in surrounding areas by facilitating their escape from a fire using Van Buren and thereby avoiding approaching tiller fire trucks.
- Shorten commutes by auto, as well as cycling and walking time, by providing a more direct route for residents of the Sheridan project to access areas closer to Willow Road
- Ease the impact on morning traffic backed up on Bay Road at the 5 way intersection (currently a 10 minute wait at morning commute).

Current Sheridan Project Plan and limitations:

The proposed affordable housing at 320 Sheridan Drive is a well designed project that will provide many amenities for the teachers of Ravenswood School District. Teachers should have an option of using the most direct route to work east toward Willow Road. As currently drafted, Alliant's plans force teachers to use only one way to travel to and from work. We recognize that this project will unfortunately result in increased traffic, but intelligent planning will prevent making rush hour traffic worse. This small plan change will benefit everyone who uses Bay Rd. at rush hour.

We believe teachers are entitled to live in a safe community easily reached by emergency vehicles. Alliant's plan does not address the unique requirements for building on a cul-de-sac property at the end of a cul-de-sac. Alliant has never built projects like this using only one exit. Their current plan relies on inside sprinklers and a locked gate to safeguard this community in the event of emergencies. We do not think that is safe enough, given the prevailing winds in that area.

Proposal for a safe and inexpensive additional access road:

After much research, we are confident that a safer access road could be built linking the 320 Sheridan project to Van Buren Road using an unused Caltrans right of way. The proposed second exit can be built on 180 feet of Caltrans right of way next to the sound wall. It would not require moving the sound wall. A map of the proposed safer access road is included below. (Figure 1.)

This would be an inexpensive and responsible addition to the Sheridan project. An estimate by a local union construction company put the cost at under $120,000, a relatively small investment compared with the benefits gained. The process would remove the existing fire lane requirement.

In conclusion, there are many compelling reasons to create an easily accessed second exit from 320 Sheridan Drive to Van Buren Road . We encourage the commission to recommend that the city council engage with Alliant and Caltrans so that this project can realize a safe connection to our community.

We, the undersigned, affirm that we have read and agree with the contents and purpose of the cover letter attached to this petition. By signing below, we express our support for a second entrance/exit for the project at 320 Sheridan as outlined in the cover letter.

	Date	Printed Name	Address	Signature
1	04Sep24	Julie Fighizzi	271 Hedge Road, Menlo Park	
2	04Sept24	Perryn Wong	271 Hedge Rd, Menlo Park, CA	
3	05 Sept. 24	Russell Wong	271 Hedge Rd, Menlo Park, CA 94025	
4	06 Sept 24	Amy Nelson	227 Hedge Rd Menlo Park, CA 94025	
5	6Sep24	Brian Nelson	227 Hedge Rd, MP, 94025	
6	9/06/24	Sang Jun Lee	223 Hedge Rd, Menlo Park	
7	9/06/24	Jina Kim	223 Hedge Rd, Menlo Park, CA	
8	9/06/24	Daniela Camacho	211 Hedge Rd, MenloPark, CA	
9	9/06/24	Jennifer Faghini	201 Hedge Rd MenloPark	
10	9/6/24	Janet Vanides	195 Hedge R. Menlo Park	
11	9/6/24	James Vanides	195 Hedge Road, Menlo Park	
12	9/6/24	Lucille DePrimo	191 Hedge Road MP	
13	9/6/24	Matthew Siegel	176 Hedge Road Menlo Park	
14	9/6/24	Francesco Faghini	201 Hedge Road Menlo Park	
15	9/6/24	Kristin Campbell	1051 Greenwood Dr Menlo Park CA	
16	9/6/24	David Glanz	1051 Greenwood Dr, Menlo Park	
17	9/6/24	Elena M. Bratton	1048 Greenwood Dr, MP	
18	9/6/24	EUGENE TODD	1048 GREENWOOD DR.	
19	9/6/24	Matt Todd	1048 Greenwood dr	
20	9/6/24	Carl Tinsley	216 Oak Harvest Place Menlo Park, CA	

We, the undersigned, affirm that we have read and agree with the contents and purpose of the cover letter attached to this petition. By signing below, we express our support for a second entrance/exit for the project at 320 Sheridan as outlined in the cover letter.

	Date	Printed Name	Address	Signature
21	9-6-24	JEFFREY LITTLE	224 OAKHURST PL.	
22	9-6-24	MARTIN HUBER	223 OAKHURST PL	
23	9/6/24	MATTHEW LOEBMAN	219 OAKHURST PL	
24	9/6/24	AMANDA GREEN	219 OAKHURST PL	
25	9/6	Barbara Gilbertson	215 Oakhurst Pl.	
26	9/6/24	Eric Gilbertson	215 Oakhurst Pl	
27	9/6/24	Renée Spooner	1052 Greenwood Dr.	
28	9/6/24	Dee Carlson	220 Hedge Rd	
29	9/6/24	Joe La Cava	219 Hedge Rd	
30	9/6/24	Jane Rhee	219 Hedge Rd	
31	9/6/24	Jessica Clark	207 Oakhurst Pl.	
32	9/6/24	Tyson A. Clark	207 Oakhurst Pl.	
33	9/6/24	Brandon Clark	207 Oakhurst Pl.	
34	9/6/24	Emily A. Petrarca	220 Oakhurst Pl	
35	9/8/24	Mark E. Watkins	216 Hedge Rd	
36	9/8/24	Sabrina M. Watkins	216 Hedge Rd.	
37	9/8/24	Gina M. Watkins	216 Hedge Rd	
38	09.08.24	PATRICK FEEHAN	215 HEDGE RD	
39	9.8.24	Marion McCarthy	215 Hedge Rd.	
40	9-8-24	[illegible]	211 Hedge Rd	

We, the undersigned, affirm that we have read and agree with the contents and purpose of the cover letter attached to this petition. By signing below, we express our support for a second entrance/exit for the project at 320 Sheridan as outlined in the cover letter.

	Date	Printed Name	Address	Signature
41	8/31/24	Leslie Abrams	249 Oakhurst Pl Menlo Park	
42	8/31/24	David Jones	245 OAKHURST, MENLO PARK	
43	8/31/24	MEHRDAD NIKOONAHAD	271 OAKHURST PLACE, MENLO PARK	
44	8/31/24	Douglas K. Hamilton	257 Oakhurst Pl, Menlo Park	
45	8/31/24	Lisa Bain	251 Oakhurst Pl	
46	8/31/24	Alex Bain	251 Oakhurst Pl	
47	8/31/24	JOHN BROTTEM	247 Oakhurst Pl.	
48	8/31/24	Kathryn Brottem	247 Oakhurst Pl	
49	8/31/24	Tao-yang Fu	297 Oakhurst Pl	
50	8/31/24	An-chin, Shih	297 Oakhurst Pl.	
51	8/31/24	Ashley Heeger	263 Oakhurst Pl.	
51	9/1/24	Adam Heeger	263 Oakhurst Pl	
53	9/1/24	Karen Bradshaw	243 Oakhurst Pl.	
54	9/3/24	Jennifer Bott	371 Hedge Rd	
55	9/3/24	Nicholas Bott	371 Hedge Rd.	
56	9/3/24	Devra Moehler	352 Hedge Rd.	
57	9/4/24	Wayne Muesse	291 Oakhurst Place	
58	9/4/24	KEN LAJOIE	275 OAKHURST PL	
59	9/4/24	Andrea Lajoie	275 Oakhurst Pl.	
60	9/4/24	Rebecca Loewke	298 Oakhurst Place	

We, the undersigned, affirm that we have read and agree with the contents and purpose of the cover letter attached to this petition. By signing below, we express our support for a second entrance/exit for the project at 320 Sheridan as outlined in the cover letter.

	Date	Printed Name	Address	Signature
61	8/30/24	Kyung J. Yoo	327 Hedge Rd MP, CA 94025	
62	8/30/24	BRANDON LEE	276 OAKHURST PL	
63	8/30/24	JANET A. VAN PELT	272 Oakhurst PL	
64	8/31/24	STEPHAN VAN PELT	272 OAKHURST PL	
65	8/31/24	Rod MacLeod	264 Oakhurst Pl MP 94025	
66	" "	Susan MacLeod	" "	
67	8/31/24	Lanette Kozlowski	256 Oakhurst Pl. MP 94025	
68	8/31/24	Chester Kozlowski	" " " "	
69	8/31/24	Kevin Loewke	248 Oakhurst Pl	
70	8/31/24	KRISTIE MERCHANT	236 OAKHURST	
71	8/31/24	EMILY FOX-VILLARREAL	235 Oakhurst Place	
72	8/31/24	Gary Bartlett	239 Oakhurst Place	
73	8/21/24	SIOBHAN PICKETT	239 Oakhurst Place	
74	8/21/24	Angela Sandoval	227 Oakhurst Place	
75	8/21/24	Erica Sandoval	227 Oakhurst Place	
76	9/1/24	Glenn A Hahn	231 Oakhurst Place	
77	9/1/24	Sylvie Gabarneau	231 Oakhurst Place	
78	9/1/24	PATRICK VILLARREAL	235 Oakhurst Place	
79	9/3/24	Maureen Clark	356 Hedge Road	
80	9/3/24	Mike Clark	356 Hedge Rd	

We, the undersigned, affirm that we have read and agree with the contents and purpose of the cover letter attached to this petition. By signing below, we express our support for a second entrance/exit for the project at 320 Sheridan as outlined in the cover letter.

	Date	Printed Name	Address	Signature
81	9/6/24	Christopher Koranda	133 Bay Rd Menlo Park	
82	9/6/24	Kathleen Forcier	111	
83	9/6/24	Phil Giurlani	149 Bay Rd, Menlo Park	
84	9/6/24	Fatti Zolfaghari	1005 Greenwood Dr, Menlo Park	
85	9/6/24	Donya Fakrai	1003 Greenwood Dr. Menlo Park	
86	9/6/24	George Freeman	395 Hedge Rd, Menlo Park	
87	9-6-24	Andrew Rozelle	360 Hedge Rd, Menlo Park	
88	9-6-24	Liz McCabe	383 Hedge Rd, Menlo Park	
89	9/6/24	MILORAD GOLUBOVICH	141 BAY RD MENLO PARK	
90	9/6/24	Ralph Castro	137 Bay Rd Menlo Park	
91	9/6/24	Angela Castro	137 Bay Rd Menlo Park	
92	9/2/24	JAROSLAW WILKIEWICZ	153 Bay Rd, Menlo Park	
93	9/6/24	Maya Khanetcovsi	153 Bay Rd, Menlo Park	
94	9/6/24	Tim Yaeger	384 Hedge Road	
95	9/8/24	CONNIE REY	1011 GREENWOOD DR.	
96	9/8/24	FRED REY	1011 GREENWOOD DR.	
97	9/8/24	Rick Nicl	145 Bay Road	
98	9/8/24	Amy Nieva	145 Bay Road	
99	9/8/24	CHRISTINE CIANDRINI	109 BAY ROAD MENLO PARK	
100	9/8/24	Sharon Olexy	109 Bay Road Menlo Park	

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	Date	Printed Name	Address	Signature
101	08/29/2024	Michelle Roeding	1 Greenwood Place, Menlo Park	Michelle Roeding
102	8/29/24	MELANI CHANDLER	1043 Greenwood Dr.	
103	8/29/24	DANIEL CHANDLER	1043 Greenwood	
104	8/29/24	Ravi Kodali	1019 Greenwood	
105	8/29/24	Usha Kodali	1019 Greenwood	
106	8/29/24	Joe Whitty	17 Greenwood Pl	
107	8.29.24	MARIYA SHARIF	16 GREENWOOD PL	
108	8/29/24	Amy Heinz	15 Greenwood Pl	
109	8/29/24	LAURITA HERNANDEZ	12 Greenwood Place	
110	8/29/24	Caroline Goyen	11 Greenwood Place	
111	8/29/24	Alejandro Goyen	11 Greenwood	
112	8/29/24	Scott PATERSON	5 GREENWOOD PL	
113	8/29/24	Julianne Blythe	6 Greenwood PL	
114	8/29/24	Ammar Sabari	4 Greenwood PL	
115	8/29/24	LAURA NIELSEN	1027 GREENWOOD DR	Laura J. Nielsen
116	8/29/24	Emilyn Zhao	280 Oakhurst Pl	
117	8/29/24	Susannah Dittmar	301 Oakhurst Pl	
118	8/29/24	Clark Kelley	1039 Greenwood Dr	
119	8/29/2024	John Molise	208 Oakhurst Pl	
120	8/29/2024	Julia Molise	208 Oakhurst Pl	

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	Date	Printed Name	Address	Signature
121	8/29	Kelly Blythe	6 Greenwood Place	
122	8/29	Candace Hayward	8 Greenwood Place	
123	8/29	Elle Cherk	5 Greenwood Pl	
124	8/29	Jeannie Cole	14 Greenwood Pl	
125	8/29	Shane Bonno	18 Greenwood Pl	
126	8/29	Cheren Liang	280 Oakhurst Pl	
127	8/29	Marco Menashe	1036 Greenwood Drive	
128	8/29	MATTHEW HEINZ	15 GREENWOOD PLACE	
129	8/30	Mubashira Malik	4 Greenwood Place	
130	8/30	Tracy Gray	1016 Greenwood Dr.	
131	8/30	Helene Butler	1032 Greenwood Dr.	
132	8/30	Linda Sako	3 Greenwood Pl.	
133	8/30	Yousef Safdai	4 Greenwood Place	
134	8/30	Jon MAZARD	8 " "	
135	8/30	Sylvia Espinoza	1036 Greenwood Dr	
136	8/31	Michael Dittmar	301 Oakhurst Pl	
137	8/31	Margaret Shyr	18 Greenwood	
138	8/31	STEVE COLE	14 Greenwood Pl	
139	8/31	Constance R Nelson	1032 Greenwood Dr.	
140	8/31	Steve Menashe	1036 Greenwood Dr	

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	Date	Printed Name	Address	Signature
141	8/30/24	Christian Smith	232 Hedge rd	
142	8/30/24	Christine Alfaro	232 Hedge Rd	
143 ⊙	8/30/24	Sarah Cavins	228 Hedge Rd	
144	8/30/24	Jeff Casey	236 Hedge Rd	
145 ⊙	8/30/24	R SENN	239 Hedge Rd	
146 ⊙	8/30/24	JULIET SCHIEBOLD	243 HEDGE RD	
147	8/30/24	Lisa DeMartini	243 Hedge Road	
148	8/30/24	Carol Buckler	240 Hedge Rd	
149	8/30/24	Jeremy Bickler	240 Hedge Rd	
150 ⊙	8/30/24	Jamie A. Karp	251 Hedge Rd.	
151	8/30/24	Jessica Lockwood Flores	255 Hedge rd.	
152	8/30/24	Mercedes C. Hausler	259 Hedge Road, MP	
153	8/30/24	DAVID HAUSLER	259 HEDGE RD	
154	8/30/24	Loretta Casey	236 Hedge Rd	
155	8/30/24	RENATO BAILE	231 Hedge Rd	
156	8/30/24	Sandra C. Senn	239 Hedge Rd.	
157 ⊙	8/30/24	Mia Giannotti	244 Hedge Rd.	
158	8-30-24	Tony Nolasco	252 Hedge Rd	
159	8-30-24	Cyndi Nolasco	252 Hedge Rd	
160	8/30/24	Nicholas Nolasco	252 Hedge Rd.	

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	Date	Printed Name	Address	Signature
161	8/28/24	Ann Hengehold	335 Hedge Rd	
162	8/28/24	Cesar Ramos C	335 Hedge Rd	
163	8/28/24	ANDREW COPE	339 HEDGE RD	
164	8/28/24	Lisa Cope	339 Hedge Rd.	
165	8/30/24	Mary E. Pimentel	343 Hedge Rd	
166	8/30/24	[illegible]	343 HEDGE RD	
167	8/30/24	CHINNADHURAI SANKAR	355 HEDGE RD	
168	8/30/24	PRATHUSHA PRABAHAR	355 HEDGE RD	
169	8/30/24	Michael Ograitis	359 Hedge Rd	
170	8/30/24	Tammi Nicosia	367 Hedge Rd	
171	8/30/24	James Villarreal	367 Hedge Rd	
172	8/30/24	LANCE McBAIN	363 Hedge Rd	
173	8/30/24	Linda McBain	363 Hedge Rd	
174	9/1/24	MIKE ROSENTHAL	~~315~~ 315 HEDGE RD	
175	9/1/24	Yaping Zeng	279 Hedge Rd.	
176	9/1/24	Steve Wong	271 Hedge Road	
177	9/1/24	SEAN COLE	260 Hedge RD	
178	9/1/24	Melissa Cole	260 Hedge Rd.	
179	9/1/24	JOHN REITER	264 Hedge Rd.	
180	9/1/24	Shirley Reiter Shirley Reiter	264 Hedge Rd	

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	Date	Printed Name	Address	Signature
181	9/2/24	Mary Coffron	268 Hedge Rd, Menlo Park	Mary K. Coffron
182	9/2/24	SUDESHNA SEN GUPTA	272 Hedge Rd, Menlo Park	
183	9/2/24	Ruth Schechter	304 Hedge Rd. Menlo Park	
184	9/2/24	BERNARD SAGGESE	304 HEDGE RD MENLO PARK	
185	9/2/24	Melissa Benkis	312 Hedge RD Menlo Park	
186	9/2/24	Alexander Haskin	307 Hedge Rd Menlo Park	
187	9/2/24	Sara Rosenthal	315 Hedge Rd Menlo Park	
188	9/2/24	Mark Rickfor	343 Hedge Rd, Menlo Park	
189	9/2/24	SRIDHAR. PANCHU MARTHY	332 HEDGE RD, MENLO PARK	P. Sridhar
190	9/2/24	Tim Withem	324 Hedge Rd Menlo Park	
191	9/2/24	Kristan Steffen	324 Hedge Rd Menlo Park	
192	9/5/24	Justin Benkis	312 Hedge RD menlo park	
193	9/5/2024	Hao Zhong	276 Hedge Rd Menlo Park	
194	9/5/24	Xiao Ge	276 Hedge Rd Menlo Park	
195	9/5/24	JORGE PERRETTI	287 HEDGE RD MENLO PARK	
196	9/5/24	MARIA E. PERRETTI	287 HEDGE RD. MENLO PARK	
197	9/5/24	Sally Williams	311 SHERIDAN DR MP	
198	9/5/24	Mark Williams	311 Sheridan Dr MP	
199	9/5/24	Elissa Williams	311 Sheridan Dr. MP	
200	9/5/24	Monica Haskin	307 Hedge Road MP	

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	Date	Printed Name	Address	Signature
201	8-30-24	SUSAN Robinson	123 Hedge Rd, MP CA 94025	Susan C
202	8-30-24	Jerry MARSH	124 Hedge Rd M.P. 94025	
203	8-30-24	Jerry Brown	127 Hedge Rd. MP 94025	
204	8-30-24	SERGE-PAUL CARRASCO	128 HEDGE RD MP 94025	
205	8-30-24	WEI LU	131 HEDGE RD MP 94025	
206	8-30-24	ZHIFEN YANG	131 HEDGE RD MP 94025	
207	8-30-24	Elizabeth Santana	136 Hedge Rd. Menlo Park	
208	8.30.24	Tanya Simpson	139 Hedge Rd Menlo Park	
209	8/30/24	Skyler Hess	143 Hedge R menlo Park	
210	8/30/24	Arthur Hernandez	143 Hedge ↓ ↓ ↓	
211	8/30/24	Christina Fong	144 Hedge ↓ ↓ ↓	
212	8/30/24	Annetten Vaanholt	167 Hedge Rd. Menlo Park	
213	8/30/24	Marcu ten Vaanholt	167 Hedge Rd. Menlo park	
214	9/2/24	Elizabeth Hove	331 Hedge Rd MP	
215	9/02/24	Ross Hove	331 Hedge Rd, Menlo Park	
216	7/03/24	Estela Freeman	183 Hedge Rd, Menlo Park	
217	9-3-24	GEORGE CARR	172 HEDGE RD	
218	9-3-24	Chris Ortiz	179 Hedge Rd	
219	9-3-24	Jennifer Ortiz	179 Hedge Rd	
220	9/3/24	FERNANDO PAEZ	175 HEDGE RD	

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	Date	Printed Name	Address	Signature
221	16 Sept 24	ROBERT LEICHNER	131 DUNSMUIR WAY, MP 94025	
222	9-16-24	Jill Baxter	131 Dunsmuir Way, MP 94025	
223	9.16.24	In Yong Song	143 Dunsmuir Way MP 94025	
224	9/16/24	Sophie Chung	152 DUNSMUIR WAY MP 94025	
225	9/16/24	EARL HILTON	148 DUNSMUIR Wy	
226	9/16/24	Mengqian Chu	124 Dunsmuir Way	
227	9/16/24	ELEANOR DE JONG	116 DUNSMUIR WAY	
228	9/16/24	MARCIA DE ROSA	109 HEDGE RD.	
229	9/16/24	TUDOR GWILYM OWEN	109 HEDGE Rd	
230	9/16/24	Julie Farnham	116 Hedge Rd	
231	9/16/24	Liren Ding	116 Hedge Rd	
232	9/16/24	Yoshi Takahashi	120 Dunsmuir Way	
233	9/16/24	CHRIS MARTIN	119 DUNSMUIR WAY	
234	9/16/24	Nick St John	139 Dunsmuir Way	
235	9/16/24	Blake Brown	107 Dunsmuir Way	
236	9/16/24	Beth St. John	139 Dunsmuir Way	
237	9/16/24	RAJANI SUNDARESAN	147 DUNSMUIR WAY	
238	9/16/24	VENKATESH SUNDARESAN	147 DUNSMUIR WAY	
239	9/16/24	AVIRATH SUNDARESAN	" — "	
240	9/16/24	Maria Hilton	148 Dunsmuir Way	

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	Date	Printed Name	Address	Signature
241	4/7	Roxanna Lipscomb	160 Hedge Rd	
242	9/11	Sarah Shenk	328 Hedge Rd	
243	9/11	Jon Wright	112 Dunsmuir Way	
244	9/11	Annabel Chang	112 Dunsmuir Way	
245	9/11	Jinghao Yan	108 Dunsmuir Way	
246	9/11	Patricia Deng	108 Dunsmuir Way	
247	9/11	STEVE CWIRKA	111 HEDGE RD.	
248	9/11	LI HONG QIU	135 Dunsmuir Way	
249	9/11	JIAYONG LAO	135 Dunsmir Way	
250	9/16	William Muir	154 Dunsmuir Way	
251	9/16	Marla Bischoff	144 Dunsmuir Way	
252	9/16	[illegible]	140 Dunsmuir Way	
253	9/16	OFIR GOLDBERGER	128 Dunsmuir Way	
254	9/16	Lital G. DAZ	128 Dunsmuir Way	
255	9-16	Bonnie M. Nylan	115 Dunsmuir Way	
256	9/16	Martin & Tang	116 Dunsmuir Way	
257	9/16	Rylee Brown	107 Dunsmuir Way	
258	9/16	Amy McGeehan	103 Dunsmuir Way	
259	9/16	DAKURI SHASHIDHAR	117 Hedge Rd	
260	9/16	Jaime Arango	123 Dunsmuir Way	

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	Date	Printed Name	Address	Signature	
261	9/5	Bryana Clark	379 Hedge Rd. MP		
262	9/5	William Mcrabe	383 Hedge Rd. Menlo Park		
263	9/5	Kimberly Yaeger	387 Hedge Rd Menlo Park		
264	9/5	TAMISIE H VROLYK Tamisie H Vrolyk	391 Hedge Rd Menlo Park		
265	9/5	James Van Veghel	1008 Greenwood Dr Menlo Park		
266	9/5	LISA McGARRY WILLIAMS	372 HEDGE ROAD		
267	9/5	Erin Freeman	395 Hedge Rd 94025		
268	9/5		1004 Greenwood Dr. 94025		
269	9/5	MORAD FAKRAI	1003 GREENWOOD DR. 94025		
270	9/5	Mary Roselle	360 Hedge Road Menlo Park. CA		
271	9/5	Lindsay Clark	379 Hedge Rd MP		
272	9/6	Roman Kleinrovich	107 HEDGE RD		
273	9/6	NINA PREGO	107 HEDGE RD		
274	9/6	JACOB KLINKOVICH	107 HEDGE RD		
275	9/6	Barbara Wardrop	108 Hedge Rd.		
276	9/6	Ronald Wardrop	108 Hedge Road		
	~~9/6~~	~~BANG~~	113 Bay Rd.		Green Card
277	9/6	Meghan Martinez	121 Bay Rd.		
278	9/6	Emiliano Martinez	121 Bay Rd		
279	9/6	Rich Fenick	125 Bay Road		

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	Date	Printed Name	Address	Signature
280	8/31/24	Gary Wagner	336 Hedge Rd	Gary L Wagner
281	8/31/24	Roma Wagner	336 Hedge Rd	Roma M Wagner
282	8/31/24	Yue Zhang	351 Hedge Rd	
283	8/31/24	SUVARNA JETTI	332 Hedge Rd	Suvarna Jetti
284	8/31/24	Mary K. Durando	340 Hedge Rd	Mary K. Durando
285	8/31/24	Charlene Brennan	344 Hedge rd	
286	8/31/24	Bobbie Fullerton	348 Hedge Rd	Barbara Fullerton
287	8/31/24	Wolfgang Mochler	352 Hedge Rd	
288	8/31/24	Nora	347 Hedge Rd.	Nora
289	8/31/24	MATTHEW ING	347 HEDGE RD.	
290	8/31/24	Wing Ow-Yeung	347 Hedge Rd	
291	8/31/24	SANDEEP GUPTA	375 HEDGE Rd	
292	8/31/24	VIDITA SUBBARAO	375 HEDGE RD	
293	8/31/24	Lulu Cheng	351 Hedge Rd	

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	Date	Printed Name	Address	Signature
294	9/3/24	ERIC LINDQUIST	2 GREENWOOD PL	
295	9/3/24	Lisa Lindquist	2 Greenwood Pl.	
296	9/3/24	Zaneta Berlot	7 Greenwood Pl.	
297	9/3/24	Teresa O'Neel	13 Greenwood Pl	Teresa O'Neel
298	9/3/24	LAWRENCE KAHLE	10 GREENWOOD PL	
299	9/3/24	Elizabeth Kahle	10 Greenwood Pl	
300	9/3/24	Diane Dittmar	020 Greenwood Dr.	
301	9/3/24	John O'Neel	13 Greenwood Pl	
302	9/8/24	CarolinaWhitty	17 Greenwood PL	

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	Date	Printed Name	Address	Signature
303	8/31/24	DAVID BARD	244 HEDGE Road, Menlo Park	
304	8/31/24	PATRICIA HOO	263 HEDGE, MP	
305	8/31/24	BRADLEY HOO	263 HEDGE, MENLO PARK	
306	9/3/24	MICK JOHNSON	248 HEDGE RD MENLO PARK	
307	9/3/24	CHAD WESTON	228 HEDGE RD MENLO PARK	
308	9/3/24	Ashley Doral	235 Hedge Rd Menlo Park	
309	9/3/24	Calvin Doral	235 Hedge Rd Menlo Park	
310	9/9/24	Ricardo Flores	255 Hedge Rd. Menlo Park	

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	Date	Printed Name	Address	Signature
311	9/08/2024	Janet Vaewsorn	105 Bay Road, MP 94025	Janet Vaewsorn
312	9/08/2024	Chatchai Vaewsorn	— In —	
313	9/8/24	Wendy Whitehouse	129 Bay Rd. Menlo Park	Wendy Whitehouse
314	9/9/24	PATRICIA R. WONG	275 HEDGE RD., M.P.	Patricia R Wong
315	9/9/24	THOMAS WONG	275 HEDGE ROAD	
316	9/10/24	John Barman	207 Hedge Road	
317	9/10/24	Nicole Chessari	1009 Greenwood Dr.	

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	Date	Printed Name	Address	Signature
318	9/5/24	Edmond Farrell	368 Hedgeld Menlo Pk 94025	
319	9/5/24	Marjan Karkooti	364 Hedge Rd. Menlo Park	Marjan Karkooti
320	9/5/24	Maryam Athari	364 Hedge Rd, MenloPark, 94025	

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	Date	Printed Name	Address	Signature
321	9-3-24	Tanis Stayvers	175 Hedge rd. Menlo Park	
322	9-3-24	DEVIKA KUMAR	164 Hedge rd. Menlo Park	
323	9.3.24	ARJUN VORA	164 Hedge Rd Menlo Park	
324	9/3/24	Sylvia McGovern	171 Hedge Road, MP	
325	9/3/24	BIKRAM CHATTERJEE	156 Hedge Road, MP	
326	9/3/24	YUE LI	156 Hedge Road, MP	
327	9/3/24	Robin Bogott	152 Hedge Road, MP	
328	9/3/24	MARK BOGOTT	" " " "	
329	9/3/24	OLIVER KHO	163 HEDGE. M.P.	
330	9/3/24	NANDINI SHETTY	148 HEDGE ROAD M.P	
331	9/3/24	NIHAR MARGANKAR	148 HEDGE RD	
332	9/3/24	Chris Arrington	155 Hedge Rd	
333	9/3/24	Susan Arrington	155 Hedge Rd.	
334	9/3/24	Elizabeth W. Jones	147 Hedge Rd.	
335	9/3/24	Donald Jones	147 HEDGE RD	
336	9/3/24	Katrina Silano	140 Hedge Rd	
337	9/3/24	Robert Silano	140 HEDGE RD	
338	9/3/24	Joanne Smith	132 Hedge Rd MP	
339	9/3/24	Juan Cuevas	119 Hedge Rd	
340	9/3/24	Jim ABOELLA	168 HEDGE RD	

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	Date	Printed Name	Address	Signature
341	5 Sept 24	Jennie M Dal Busco	311 Hedge Rd, Menlo Park 94025 CA	Jennie M Dal Busco
342	Sept 5, 2024	Steven Collier	311 Hedge Rd	Steven J. Collier
343	September 5, 2024	Katherine Suzuki	319 Hedge Road, Menlo park	KS
344	sept 5, 2024	Kris Hatch	319 Hedge Road, MP	KH
345	9-10-24	Tim O'Callaghan	320 Hedge Rd, SP, MP	
346	9/10/24	Alison O'callaghan	320 Hedge Rd MP	

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	Date	Printed Name	Address	Signature
347	9/8/24	Katie Kobayashi	205 Hedge Rd.	Katie Kobayashi
348	9/8/24	Emily Bhatia	212 Hedge Rd.	
349	9/16/24	Marina Izrailov	359 Hedge Rd	Marina Izrailov
350	9/16/24	MATTHEW FOLEY	144 HEDGE RD	

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	Date	Printed Name	Address	Signature
351		Lucy Mocean	3 Coleman Pl, #3	
352	9/4/24	Janet Perez	159 Hedge Rd, MP	
353	9-4-24	Dexter Chow	135 Hedge Rd, MP	
354	9-4-24	Anne Chow	135 Hedge Rd MP	

Citizens Petition asking the Planning Commission and City C
to add a second exit to the 320 Sheridan Project.

354 signatures

Gary Wagner (650) 799-4518
glwagner@vikingrf.com

Turner, Christopher R

From: Brad Foster <ebfosterservices@gmail.com>
Sent: Wednesday, March 27, 2024 5:27 PM
To: Turner, Christopher R
Subject: Development/320 Sheridan Drive

How can adding 88 below market value apartments not seriously negatively implicate local neighborhoods? The traffic alone will create over 100 additional cars traveling narrow neighborhood streets. When the first child is hit and killed, what then? You need to greatly reduce the number of apartments in order to maintain a decent level of livability in the surrounding neiborhoods.

I don't have a lot of faith in our local government. They seem more concerned with virtue signalling and getting money from greedy developers, then ensuring that we protect everyone's quality of life. Don't sacrifice my neighborhood for a state housing mandate.

Turner, Christopher R

From: BRUCE FORSHEE <bncforshee@comcast.net>
Sent: Tuesday, March 26, 2024 2:23 PM
To: Turner, Christopher R
Subject: 320 Sheridan Drive Development

Mr. Turner, I implore you not to waive the standards that are already in place in regard to 320 Sheridan Drive's development. I have lived on Sheridan Drive for the past 40 years and I experienced the disorder that our three house street endured when the Ravenswood School District operated the former school site. Our neighborhood roads, let alone our small street can not support the traffic of such a huge development. The size of the proposed development is out of character of the neighborhoods on both sides of the property. It's obvious that the requests to waive so many standards voices the concerns that this monstrosity does not belong in or next to the Suburban Park neighborhood

Thank you for your consideration,
Bruce and Cheryl Forshee
307 Sheridan Drive
Menlo Park

Turner, Christopher R

From: Carolyn Ordoñez <carolynordonez22@gmail.com>
Sent: Thursday, March 21, 2024 8:41 AM
To: Turner, Christopher R
Subject: Trees at 320 Sheridan

I would like to see more trees. Especially trees that efficiently sequester carbon.
There is room next to the sound wall and the building for narrow trees. I see the easement but certain trees should still be allowed. Certain size trees can be planted at the hetch hetchy near by so I think there should be trees in this easement. Or move the easement. Or find other places for more trees.
Project needs more trees.

Turner, Christopher R

From: Gary <glwagner@vikingrf.com>
Sent: Saturday, March 23, 2024 11:30 AM
To: Turner, Christopher R; Drew Combs; roberts@menlofire.org
Subject: Sheridan Project

Mr. Turner,

After looking over the plans for the apartment complex, I noticed that there is a planned locked gate on the east side for emergency use of fire vehicles etc. This gate would use an existing driveway that belongs to Life Moves.

There is a much simpler plan that would yield an open access to the east side. There is plenty of room to put in a road on the 101 Caltrans right of way between the Sheridan project and Van Buren. The right of way runs all the way to the Menlo Park right of way of Van Buren.

This solution would lower the traffic impact on Suburban Park and improve emergency access to the Sheridan project since the road would always be open and emergency vehicles would not have to stop and unlock the gate.

Currently traffic on Bay road going East during school starting times backs up to Flood park. Most of these people are taking a right turn toward Menlo Atherton High Sschool. If Sheridan is the only access to the development, the traffic going East will push cars past Greenwood and possibly Hedge making a left turn impossible. Providing a second access, teachers going to work on the other side of the freeway would have multiple avenues to circumvent the traffic jam shortening commutes and improving the environmental impact with fewer engines idling for long periods.

An open road without a locked gate would also allow teachers and students to have a straight access walking to Van Buren and crossing on the foot bridge to school.

Best Regards, Gary Wagner (650) 323-2289

Turner, Christopher R

From: Karen Grove <karenfgrove@gmail.com>
Sent: Thursday, April 4, 2024 9:42 AM
To: Turner, Christopher R
Subject: Support for 320 Sheridan proposal

Hello!

I'm writing to express my support for the 320 Sheridan proposal to produce 88 affordable homes with priority given to Ravenswood City School District teachers and staff.

This is such an exciting, beautiful, important proposal that helps Menlo Park achieve our state-required housing targets (especially the hard-to achieve extremely low-income targets), while also supporting Ravenswood's plan to improve educator recruitment and retention by addressing housing insecurity that plagues almost everyone who works for the district.

The design of the project is beautiful! It fits right in with the "farm house" look already prevalent in Menlo Park, and includes nice amenities such as a dog park, playground, and community room. It's close enough to Ravenswood schools that residents can easily ride or walk to work.

It makes me proud to welcome educators to our city by providing them with beautiful, affordable homes.

I urge the city to support this project at the "VIP level" and proactively apply state density bonus law concessions and waivers that will make the most of this opportunity.

All my best,
Karen Grove

Turner, Christopher R

From: kevin kranen.com <kevin@kranen.com>
Sent: Thursday, April 4, 2024 4:53 PM
To: Turner, Christopher R
Subject: YES to 320 Sheridan Drive Project

Dear Menlo Park Planning Commission,

My wife and I are both long-term Menlo Park residents (25 years) and are overwhelmingly in favor of the Ravenswood teacher/staff-oriented housing planned for 320 Sheridan Drive. We're enthusiastically supportive of Menlo Park approving the project "as is" for 3 reasons:

- Traffic reduction - As part of RCP (Ravenswood Community Partners), we have been helping tutor 4th and 5th graders at Belle Haven Elementary School over the past 10 years. We have met a number of great teachers who commute in from Tracy, Antioch, Gilroy, and other far flung places 40-80 miles away. Eighty-eight teachers and staff living far closer, in many cases a bicycle trip away, would greatly reduce the number of commute traffic miles in the Bay Area and give these teachers more precious time in their lives and classrooms.
- Teacher retention - We want to see the Ravenswood district attract and retain great teachers. Local below market rate housing is great incentive to find and keep great teachers.
- Housing Element fulfillment - We also want to see Menlo Park meet the requirements of the new Housing Element. 88 below market rate units west of 101 goes a long way toward reaching the requisite numbers.

Let us know if we can provide more information.

Kevin and Kathryn Kranen
35 Elmwood Place
Menlo Park

Turner, Christopher R

From: Lesley Feldman <lesley.e.feldman@gmail.com>
Sent: Thursday, April 4, 2024 11:53 AM
To: Turner, Christopher R
Subject: supporting 320 Sheridan project proposal

I am a neighbor of 320 Sheridan Rd., and I am writing to express my support for the proposed project at 320 Sheridan Rd. for 88 new affordable homes for educators. This project is a win-win-win-win.

1. It will help contribute to the number of affordable homes that Menlo Park is required to produce in the next 8 years.
2. It will help the Ravenswood School District attract and retain great teachers and staff.
3. It will help cut down our climate footprint by reducing commute times.
4. It will turn an abandoned empty lot into a productive and useful space.

Thank you for your consideration.

Lesley Feldman
lesley.e.feldman@gmail.com
201-953-0034

Turner, Christopher R

From: Meredith Bergin Bailey <meredithbergin@gmail.com>
Sent: Thursday, April 4, 2024 12:44 PM
To: Turner, Christopher R
Subject: Affordable homes on Sheridan

I live in the Flood Triangle neighborhood and support the proposed building on Sheridan. This goes toward the required amount the Menlo Park needs to build in the next several years. I appreciate that teachers and staff will be prioritized for these homes. The pandemic taught our family that we cannot show our teachers enough appreciation, and this building project is such a strong gesture toward telling our teachers and staff how much we value them in our community.

Thank you,
Meredith

Turner, Christopher R

From: Ross Silverstein <silverstein.ross@gmail.com>
Sent: Friday, March 22, 2024 3:58 PM
To: Turner, Christopher R
Subject: 320 Sheridan Drive Project Thoughts

Hello Chris,

I saw that you were the staff member working on the proposal at 320 Sheridan Drive so wanted to reach out with some preliminary thoughts. For context, I'm a member of the Menlo Park Planning Commission but I'm reaching out simply as a community member. I also plan on sending these same notes to the developer.

While I think that a housing project for teachers is a great idea in this area, I have a few notes on how the proposal might be improved:

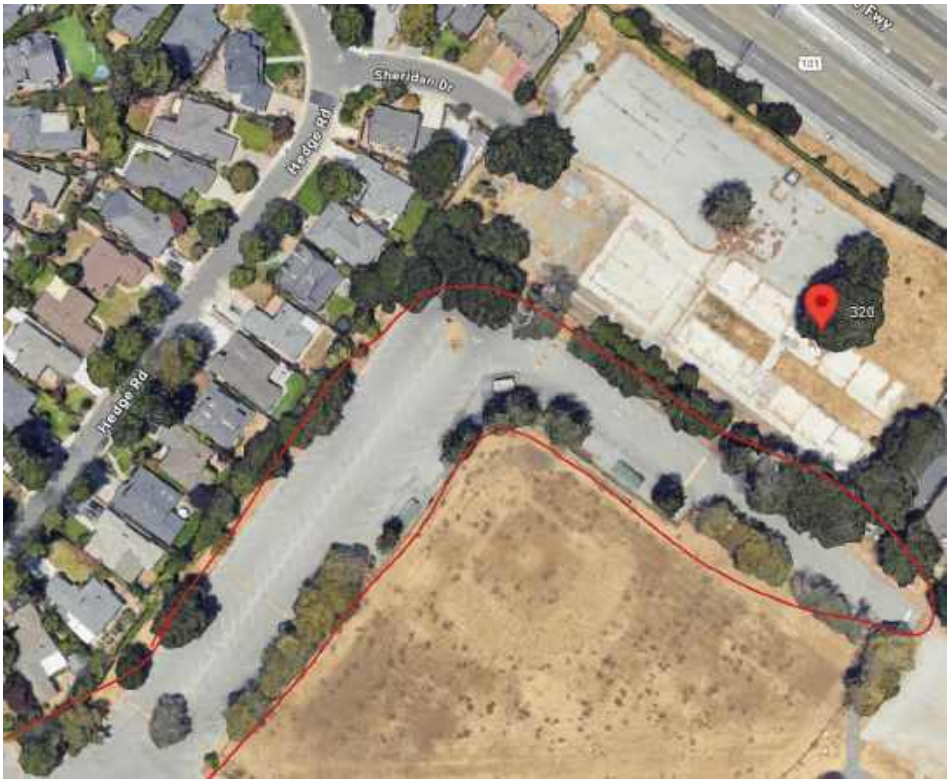
1) Parking
The proposed project seems to be a few buildings surrounded by a sea of parking. I know that in Menlo Park we have parking minimums, but right next to the project site there is a **massive** parking lot for flood park (see picture below), that I can't imagine is often full, especially during times when most residences would need their cars at home (overnight).

Would it be possible for residents of this new project to be able to use parking at the park in order to improve the look, feel, utility, and character of the project? While I couldn't see it explicitly stated in the proposal, it looks like of the 108,000 total sqft, roughly 1/3 of it will be used for parking/driving (~36,000 sqft), while all of the "community amenities" combined: Community Center (2,200), playground (2,000), patio (1,000) and dog park (1,200) would take up less than 1/5th of that.

2) Bikes
For a site project with 88 proposed residences and 157 total bedrooms, from what I can tell there are currently only plans for a bike rack that holds 10 bikes total. Where are all those families with kids supposed to keep their bikes? What about the cargo bikes or electric bikes that would be too big to have inside an apartment? The project website says that this project will be bike/pedestrian friendly and includes onsite bike storage, but I couldn't see that in the plans anywhere, unless the "bike storage" is simply the 10-bike rack? Is there a separate bike storage area I'm missing?

3) Access to Van Buren Rd.
I see that this is also stated as "potential" on the website but would like to emphasize that this should be a priority as part of site development. Given that this project is attempting to cater to teachers in the Ravenswood School District, getting bike & pedestrian access to Van Buren Rd would dramatically improve quality of life. For example, walking from 320 Sheridan Dr to Belle Haven School would take 30 minutes if you need to go around through Sheridan Rd, but only 16 minutes through Van Buren (it also cuts biking time from 8 to 4 minutes).

Thanks for listening. Please feel free to reach out with any questions or followups.
-Ross Silverstein



E47

Turner, Christopher R

From: Victoria Kelly <victoriamkelly@gmail.com>
Sent: Sunday, March 24, 2024 8:49 AM
To: Turner, Christopher R
Subject: comments for 320 Sheridan Drive

Hi Mr. Turner,

I am a neighbor on Hedge drive, a few houses down from the entrance to the Sheridan entrance. I liked seeing the plans for the new BMR community. I am hoping we can gain community support for this project by helping to ease the environmental impacts of the neighborhood. My request:

Please create a 2nd permanent exit/entry on Van Buren (south side of the property). This would significantly ease the traffic flow on Hedge and Bay Road, and allow residents who are commuting across the 101 faster access to Willow Road. Van Buren is a wider road with fewer parked cars and pedestrians, compared with Hedge.

I understand there are barriers to creating a permanent second entrance, here are my comments on those concerns

1. Funding: The owner/developer does not want to pay to create this access. My understanding is that the developer of the project is asking for additional funding from the MP City's BMR fund. I would like to see some of this funding go towards creating a second entrance.

2. Neighbor resistance: I understand that there are neighbors in the Flood triangle neighborhood who would be opposed to an entrance on Van Buren. My feeling is that this is a reasonable burden to share across the community, especially given how narrow Hedge Road is. A south entrance would be unlikely to create significant additional traffic in the neighborhood of flood triangle, as most of this traffic would go towards the south end of Bay Road, near Willow.

3. Haven House/Life Moves: I understand this community wishes to preserve their privacy and safety. What additional privacy protections could be provided to this community if a second access is created? Again, this seems like an appropriate place to use City BMR funding to protect a marginalized group.

Thanks for considering my comments.

Sincerely,
Victoria Kelly

Turner, Christopher R

From: Chase Behringer <chase@svsv.org>
Sent: Monday, April 8, 2024 10:31 AM
To: Turner, Christopher R
Subject: Support for 320 Sheridan Project

Hello,

Menlo Park is one of the most expensive areas to live in the country. I would like to express my support for affordable teacher housing and the 320 Sheridan Project.

Best,
Chase Renzo

Turner, Christopher R

From: Dennis Irwin <irwindennis@fhda.edu>
Sent: Wednesday, April 10, 2024 11:22 AM
To: Turner, Christopher R
Subject: 320 Sheridan Affordable Housing Project

Dear Menlo Park Planning Commission -

I'm writing to express my strong support for the 320 Sheridan Housing Project. I believe that a diverse community is a richer community and is beneficial to everyone involved. It also makes ethical sense for us to help provide the same basic resources to people of different socioeconomic levels.

This project will move us in the direction of achieving those goals and that's why I'm in favor of it. I'm imploring you to see that it moves forward.

Dennis Irwin,
Menlo Park resident

Turner, Christopher R

From: Joy Kosobayashi <gj.koso@gmail.com>
Sent: Friday, April 5, 2024 9:44 AM
To: Turner, Christopher R
Subject: I support 320 Sheridan affordable homes!

Lets move this project forward! I am in full support of the proposal to develop the former Flood School into affordable housing.

Turner, Christopher R

From: Malery Lassen <malerylassen@gmail.com>
Sent: Thursday, July 4, 2024 9:02 PM
To: Turner, Christopher R
Subject: 1220 Hoover Feedback

Hi Chris,

Happy Fourth of July!

It's great to e-meet you! My name is Malery Lassen, I live at 2075 Manzanita Ave in Menlo Park with my husband and 2 young children.

I'm writing to share with you how happy I am about the project at 1200 Hoover and projects like it. I'm local, I grew up in Los Altos Hills to a contractor and an accountant - they bought in the mid-80s. I bring that up because I think diversity of background and employment is incredibly important to a community and to the development of children. By the time I was in high school (Gunn in Palo Alto), I think I was the only person I knew who didn't have a parent in tech or a doctor or a Stanford professor. I can promise you I was the only one with a parent who didn't have a college degree. I think it was critical for me and my friends to see a path that wasn't a pressure cooker and only based on incredible academic achievement.

I wanted to move to Menlo Park because of the schools and how adorable the neighborhood is, but my main concern was the monotony of the people my children would be exposed to. I am thrilled that we're taking steps to create a community where all sorts of people looking for the same thing can build lives, not just people who can afford $3M+ homes.

Thank you for approving projects like these!

Sincerely,
Malery
650-400-5974

Turner, Christopher R

From: Margarita Mendez <mlmendez@me.com>
Sent: Thursday, April 4, 2024 5:24 PM
To: Turner, Christopher R
Subject: Support for 320 Sheridan Drive

To whom it May Concern:

I am writing in support of the development at 320 Sheridan Drive, Menlo Park. I am a long time resident of Menlo Park, I live 1.2 miles from the proposed site, in the Lorelei Manor neighborhood and I am a 32 year veteran public school teacher.

I know how lucky my family is to own a home in Menlo Park. I also know that this is one of the most expensive areas in the country to live in and that teachers and support staff will always struggle with housing due to the high cost of rents in this area. The property that Ravenswood City School District plans to develop will help their teachers and staff have secure and affordable housing within their school district boundary. Other local school districts like Jefferson Union School District in Daly City, have built teacher housing and have seen the positive impact of retaining and attracting teachers by providing them with affordable housing.

This site is a 16 minute walk over the bike bridge to the Belle Haven Elementary School and a 9 minute bike ride to César Chávez Middle School. While not everyone will walk or bike it is feasible and accessible to commute to the RCSD schools without increasing carbon emissions. I know this because I bike to work 9 miles almost every day to my public school in Palo Alto.

By supporting teacher housing we are helping Menlo Park reach its affordable housing goal of 1000 by counting these 88 affordable housing units towards the Menlo Park goal.

I urge you to proactively support the sponsors of this project by helping it move forward. Menlo Park can embrace the teachers of ALL the school children in our city by welcoming this project. Menlo Park must DO better and CAN do better by welcoming educators to our community.

Respectfully,
Margarita L. Mendez
Lorelei Lane, Menlo Park

Turner, Christopher R

From: mary pimentel <pimentelme@icloud.com>
Sent: Monday, April 22, 2024 11:42 AM
To: Turner, Christopher R
Subject: Second access to the flood School Project?

Hi Chris,
My name is Mary Pimentel. I live at 343 Hedge Rd. in Menlo Park.
Now that it has been determined that there is room for a second entrance/exit for the new apartments in the Flood School property, I hope this will be built into the plans without any further problem.
This second entrance/exit only makes good sense for the safety of all concerned.
The extra air pollution and time wasted by only having one entrance/exit is unhealthy.
Bay Road is used as a back up to 101 if there is a traffic jam. The additional traffic coming from the Flood School project with teachers trying to get to work in the Ravenswood school district will definitely create gridlock along Bay Road.
A much safer and logical route would be along the Van Buren exit which is a straight shot to Willow Road. This would make their commute to work much easier and safer for all concerned.
The fact that the fire department demands a second entrance/exit and has already provided for a road with a gate with a lock on it proves that this is doable. That coupled with the fact that that easement belongs to Menlo Park.
Please let me know if there's anything we as residence of Suburban Park can do to ensure that there is a second entrance/exit to that property.
Mary E Pimentel
343Hedge Rd.
PS- That route for the builder wou would be much easier than coming through Suburban Park with their construction equipment. If cars are parked on the street, it would be virtually impossible for them to get their trucks through the space between two cars.
Sent from my iPhone

Gary Wagner
6/13/2024
(650) 799-4578

Why a second exit from 320 Sheridan Drive East to Van Buren Road is a benefit to the Residents.

For 320 Sheridan Drive car commuters:

- ~ Half will save 1.1 miles/day by going down Van Buren. Pg. 3
- Using Van Buren Road will reduce traffic on Bay Road.
- Using Van Buren will avoid the ~10 minute backup at Ringwood.
- Avoiding the ~10 minute backup at Ringwood will reduce air pollution due to idling cars.
- Van Buren Road is an underused arterial that does not have houses facing it.

For 320 Sheridan Drive Pedestrians and Bicyclers going to 101 overpass:

- 1.6 mile round trip savings.
- Keeps extra traffic out of Flood Triangle.
- Safer for Bicyclists to stay off Bay Road at commute times.

Feasibility

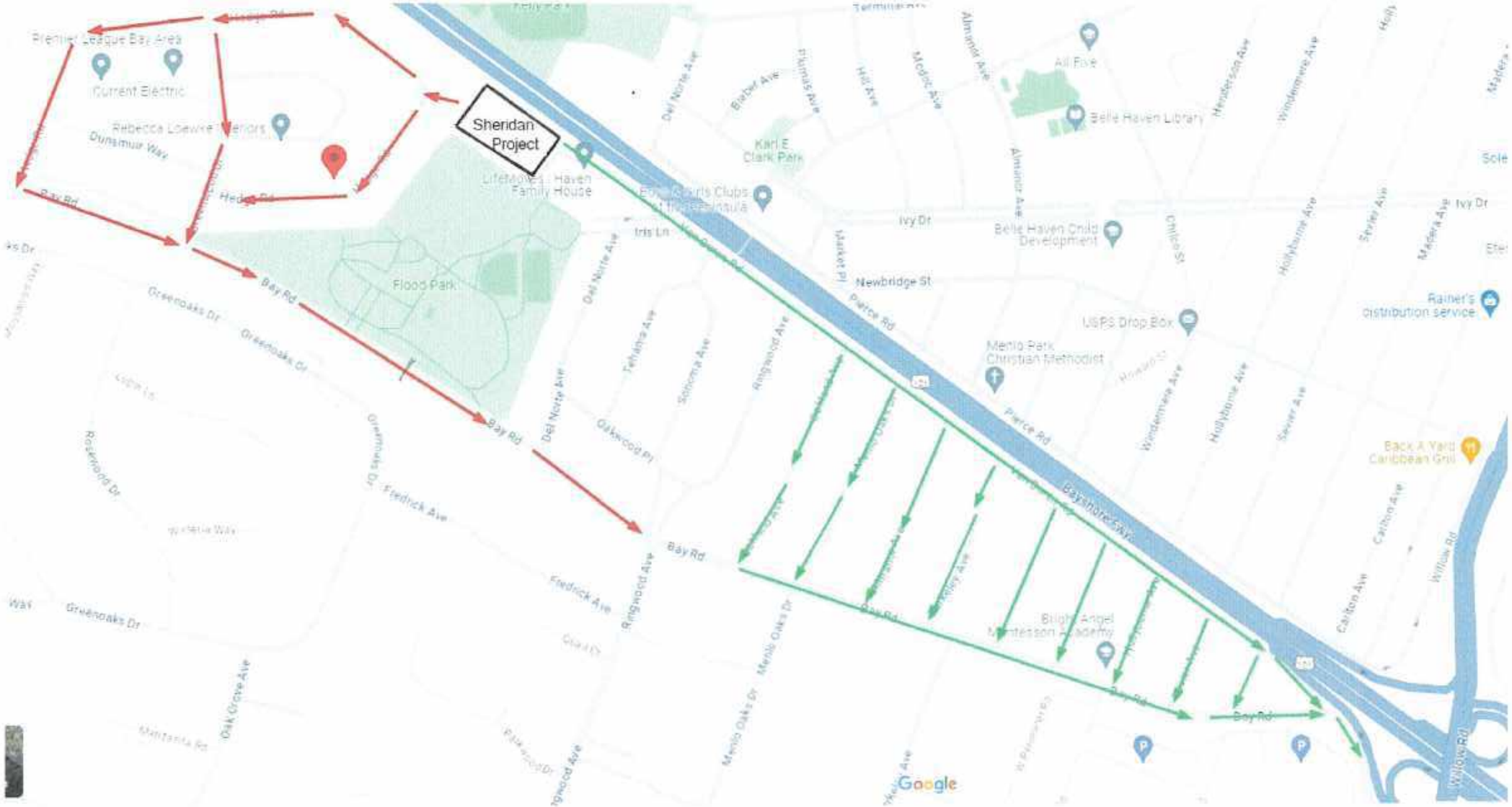
- The area next to the sound wall is a Caltrans right of way.
- The right of way is 28 feet wide on the West end and over 40 feet wide on the Van Buren end.
- A 20 foot wide Fire Lane or 24 foot wide road would easily fit. See pages 4-5
- A road estimate of ~120K from "Bay Area Paving Company" is attached. See Pages 6-8

- The proposal would allow Life Moves to eliminate their Fire Lane and put in some shade trees. See Page 5
- Large trees cannot be planted in the Caltrans right of way due to the high pressure gas line underneath.

Fire Safety and access:

- The proposed Fire Lane would allow a straight shot for a 61+ foot Tiller truck needed to fight a multistory fire to enter 320 Sheridan Drive.
- The lane would also provide easier access to the parking lot behind Life Moves which will help discourage the illegal parking on Van Buren Road.

E57


Sheridan Project
Bay Rd
Flood Park
Pierce Rd
Newbridge St
Ivy Dr
Del Norte Ave
Ringwood Ave
Fredrick Ave
Greenoaks Dr
Oakwood Pl
Merlo Oaks Dr
Oak Grove Ave
Rosewood Dr
Iris Ln
Market Pl
Belle Haven Library
Belle Haven Child Development
Karl E. Clark Park
Lifemoves Haven Family House
USPS Drop Box
Merlo Park Christian Methodist
Rainer's distribution service
Back A Yard Caribbean Grill
Current Electric
Dunsmuir Way
Google

E59

Job No. HENGEHOLD

BAY AREA PAVING COMPANY

P.O. Box 340 · San Carlos, CA 94070 · Tel (650)341-0351 · bayareapaving@comcast.net

License #250290 Class A

TO: Job Owner ANNIE HENGEHOLD
Address ahengehold@gmail.com

PROPOSAL · CONTRACT · WORK ORDER

We hereby agree to furnish all labor, materials and equipment for the completion, in a good workmanlike manner, of the following described work:

Job Location: NEW ROAD ALONG HIGHWAY 101 SOUNDWALL BY 260 VAN BUREN MENLO PARK, CA

1) FENCE REMOVAL, GRUBBING OF SHRUBS AND PLANTS, REMOVAL OF ONE OAK TREE AND STUMP.....$ 14,000.00

2) INSTALL 180 LINEAR FEET NEW CONCRETE CURB AND GUTTER.....$ 15,300.00

3) EXCAVATE DOWN TO SUB GRADE AND OFF HAUL THE SPOILS FOR A 180 X 24 FOOT NEW ROAD. SCARIFY THE NATIVE DIRT BASE, RECOMPACT PLACE AND COMPACT WITH 8" OF CLASS TWO BASEROCK FOLLOWED BY 4" OF HOT ASPHALT PLACED AND COMPACTED IN TWO LIFTS. RESTRIPE.....$ 88,000.00

PLEASE NOTE THIS IS JUST A STARTING OFF PRICE NOT KNOWING THE ACTUAL SPECIFICATIONS OF WHAT THE CITY OF MENLO ARK WILL REQUIRE. NO PERMITOR ANY OTHER FEES ARE FIGURED AS PART OF THIS PRICE

Work Not Included:

Our price for the above is:AS SHOWN ABOVE

The amount to be payable as follows:UPON COMPLETION

BAY AREA PAVING COMPANY

Dated: MAY 3, 2024 By: _____

Acceptance

We accept the above proposal. You are authorized to perform the work described herein, and we agree to pay the stated amount in accordance with the terms set forth. Terms and conditions on the reverse side are deemed to be incorporated herein and made a part hereof.

Owner's P.O. No. _____

Dated: _____ 20____

_____
(Owner) (Prime Contractor)

By: _____

Phone No. _____

E60

Terms and Conditions

1. All plans and specifications for the job are made a part of this agreement. Compliance by Bay Area Paving Company with such plans shall constitute full performance. No deviation from these plans and specifications and/or terms shall be made by either party except by mutual agreement which shall be in writing. Prices for extra work and allowance for omissions shall be fixed in advance and shall be set forth in writing. Both parties agree that the plans and specifications may be changed without impacting the validity of the contract.

2. This agreement contains the entire agreement between the parties and there are no other agreements or warranties, either express or implied, except as contained herein. This may only be amended in writing signed by both parties or their authorized agents.

3. Both parties agree that the contract may not be cancelled prior to commencement of work without consent of Bay Area Paving Company unless at the time of cancellation a sum equal to twenty percent of contract price shall be paid to Bay Area Paving Company by owner or contractor being party to this contract.

4. Bay Area Paving Company shall not be liable for damage to underground pipe, conduit, or installations which are not marked for workmen on the property and owner shall hold Bay Area Paving Company harmless against any such claim.

5. If asphalt or concrete encountered is thicker and total depth bid, cost for further excavation and replacement shall be negotiated on site by Bay Area Paving Company representative and owner or owner's representative.

6. Unless otherwise specified the contract price shall be paid as follows: Total price for that portion of work completed shall be paid with 10 days after receipt of statement for completed work. Failure to make such payments shall constitute a substantial breach of this agreement and shall authorize Bay Area Paving Company to cease all further work and may recover for a breach of the entire agreement.

7. In the event Bay Area Paving is required to institute any action to collect any amounts due or to enforce any of the terms of this contract, owner agrees to pay the additional sum, not to exceed twenty percent of the contract price, and in any event not less than $500.00 as reasonable attorney's fees or collection fees, and agrees that such sum is a reasonable fee for same.

8. Delay caused by strike, labor disputes, acts of God, or other causes beyond the reasonable control of Bay Area Paving Company, shall excuse or extend the time for performance of this contract. Any loss to Bay Area Paving Company caused from delays caused by owner or his agents or contractors shall be chargeable to owner for the additional work or materials caused by such delay.

9. This bid is based on current prices and if not accepted within 30 days we reserve the right to submit a new bid. This proposal becomes a contract binding upon both parties when acceptable by you and the signed original delivered to us.

Turner, Christopher R

From: Carolyn Ordonez <cardord@gmail.com>
Sent: Wednesday, July 31, 2024 8:41 AM
To: Turner, Christopher R
Subject: 320 Sheridan

Hello,
I think the project is correct in having one access point. A second access would dump traffic into Haven House, a family homeless shelter and onto VanBuren Road.
Connecting to VanBuren Road adds traffic, that never existed before, into another neighborhood, the Flood Triangle.
VanBuren Road has many safety issues with bikes, pedestrians and cars now. The pedestrian bridge from the east side of 101 lands on VanBuren Road.
The bridge is used by students going to MA high school and to the tech high school on the east side. Commuters and pleasure bicyclists use the bridge.
Pedestrians use the bridge and recently Flood Park opened a bicycle pump track with an entrance on Iris Lane which connects to VanBuren Road bringing more bicyclists.
A second access would not be paid for by the developer. A new road would be paid for by taxpayers. So many local roads need attention more than spending tax payer money on a new road that is not required for the teacher housing to proceed.
It is important to note that an emergency fire gate will be installed on the opposite side of the one access gate.

Turner, Christopher R

From: Jessica Clark <jessrainclark@gmail.com>
Sent: Wednesday, August 7, 2024 7:51 PM
To: Turner, Christopher R
Subject: 320 Sheridan Dr. feedback

As a resident of Suburban Park, I am excited to welcome affordable housing and Ravenswood District staff to our neighborhood. The location of this project creates challenges with safety and traffic that can be easily overcome by requiring a secondary entrance/ exit for residents. Current plans show emergency vehicle access only on the south end of the site, which could be turned into resident access. This would reduce traffic through the Suburban Park neighborhood (increasing safety) and also reduce the traffic coming out of the neighborhood and heading south on Bay Road, which is already a nightmare during school and work morning commutes. Allowing Ravenswood staff living at 320 Sheridan Dr. to exit onto Van Buren and turn onto Bay Road south of the intersection at Ringwood Dr would improve their commute (avoiding traffic going to Laurel School) and reduce the traffic impact on the surrounding neighbors.

I urge you to consider requiring this addition to Alliant's plans for 320 Sheridan Dr. In the best interest of all residents' safety and convenience.

Thank you.
Jessica Clark
jessrainclark@gmail.com

Turner, Christopher R

From: Kelly Blythe <kellyrblythe@gmail.com>
Sent: Monday, July 29, 2024 4:05 PM
To: Turner, Christopher R
Subject: 320 Sheridan Drive comments

Chris

I am writing with comments regarding the proposed project at 320 Sheridan Drive.

I have two concerns:

1) lack of a second driveway into/out of the project. The current design will push all the traffic into one neighborhood. A second access on the other side of the property will split the traffic load and provide a second exit in case of emergency.

2) the project is requesting "waivers from development standards to decrease the minimum front setback, increase the maximum floor area ratio (FAR), increase the maximum driveway and paving area, increase the maximum height, and decrease the minimum land area per dwelling unit."

As a resident who had to go through the planing process in the City of Menlo Park, I was unable to obtain any variances to the City development standards. I fail to see how any variances will help this project benefit the City and the City residents. Waivers will only help the developer maximize their profit potential.

It is unfair for a developer to get a waiver from the Standards when a single family cannot get a waiver. Rules should be applied equally to all.

I request a second exit for residents be required for the project, and the variances not be approved.

Thank you,

Kelly

Kelly Blythe

650-507-7080

E66

June 26, 2024

Menlo Park City Council
c/o Christopher Turner
Senior Planner
City of Menlo Park

Support – 320 Sheridan Drive

Dear Members of the Menlo Park City Council and community,

I write on behalf of the Bay Area Council to support the housing project proposed by Alliant Strategic Development at the vacant Flood School site, 320 Sheridan Drive. This project, which aims to create 88 homes for teachers and staff of the Ravenswood City School District, represents a much-needed investment in our community's future.

The Bay Area Council represents 330 of the largest employers in the Bay Area, including companies, public agencies, and unions. We convene conversations on the most important issues facing the Bay Area and we work to make the Bay Area the best place to work and play. We are deeply committed to building the 3.5 million new homes our state needs to address our existing shortfall and the attendant high housing prices.

Anyone who lives and works in the Bay Area is acutely aware of the challenges faced by our dedicated teachers and staff who struggle to find affordable, high-quality housing near their workplace. This development not only addresses the critical housing needs of these essential workers but also supports Menlo Park in meeting its regional housing goals.

The project's mix of 1-, 2-, and 3-bedroom units will accommodate a diverse group of people and families, fostering a vibrant and inclusive community. This project's decision to prioritize housing for those currently working for the district ensures that our teachers and staff can live close to their place of employment, reducing commute times and enhancing their overall quality of life. The increases teach retention, thereby improving educational outcomes. The project's thoughtful design, including bike and pedestrian-friendly features, native and drought-tolerant landscaping, and amenities like a children's playground and open space, demonstrates a commitment to environmental sustainability and community wellness. The project will transform a blighted, vacant site into a thriving neighborhood hub.

This project will improve our region by providing much-needed housing for essential workers. I urge the City Council, planning commission, and housing agency to approve this proposal and support the development of a brighter future for Menlo Park.

Sincerely,

Louis Mirante
Vice President of Public Policy
lmirante@bayareacouncil.org

P. 415.946.8777
www.bayareacouncil.org

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Pier 9, The Embarcadero
San Francisco, CA 94111

Bay Area Council
PO Box 5135
Berkeley, CA 94705

Bay Area Council
1215 K Street, Suite 2220
Sacramento, CA 95814

Turner, Christopher R

From: mary pimentel <pimentelme@icloud.com>
Sent: Monday, November 4, 2024 10:26 AM
To: Turner, Christopher R
Subject: Kitchen fire on hedge Road

Hi Chris,
We had a small kitchen fire on Hedge Road in Suburban Park last week. The fire department responded with multiple vehicles and blocked the road. The pictures I'm sending you do not do it justice. There were many more vehicles, but I could not capture all of them. This is the second small fire we've had in Suburban Park within months and it really demonstrates that we definitely need another exit to the affordable apartments that are going in on Sheridan Drive. I just can't believe that Menlo Park is still not demanding the developer to include a second entrance/egress into their current development. It's very disheartening to think that the government, our city government isn't demanding a second entrance/exit to this development.
Mary E. Pimentel
343 Hedge Rd.

Sent from my iPhone

Turner, Christopher R

From: mary pimentel <pimentelme@icloud.com>
Sent: Sunday, August 18, 2024 1:16 PM
To: Turner, Christopher R
Subject: Ravenswood housing development

Hi Chris,
Thank you for taking the time to listen to me on Friday.
Just to reiterate what we discussed. I feel it is incumbent of me too point out the value and necessity of a second entrance to the Sheridan Court project.
First of all our neighborhood was created with single-family homes in mind. To add an 88 unit apartment development with only one entrance and exit is insane.
First of all with the residence working at Ravenswood school district, it will increase their travel to work by a significant amount of time. This will create extra air pollution and significant traffic flow in our neighborhood and Bay Road.
If teachers and workers are allowed to go out the Van Buren side of the project, they will be able to get to work much faster as it is a straight shot to the Willow Road overpass.
There is added value because there's a shopping center there where they could buy groceries take the bus,do other every day errands. That is much closer than the Marsh Road shopping center.
You mentioned the Flood triangle side of this development did not want a second entrance. Without a second entrance, you're going to have all kinds of cut through traffic going through the Flood Triangle neighborhood trying to get to work or 101 faster.
I think our neighborhood didn't address this issue because we thought safety and common sense would prevail. These residents would be essentially cut off from transportation, shopping,etc. it's like a cul-de-sac within a cul-de-sac. These new residents would never feel a part of any neighborhood because they would be so isolated.
Another issue is parking. How many parking spaces are provided in the development plan. Assuming most people have a car are there 88 parking spaces? There is no overnight street parking allowed in Menlo Park without a disabled sticker or special permit. I couldn't tell how many parking spots are in the project design, but I hope it's enough to allow for 88+ cars. I assume people living there will have a car. Bus transportation is not readily available from this location.
Another issue is children playing outside. We have a significant amount of children playing outside. People living here have worked hard to provide a safe environment for their children to enjoy the outdoors.
I hope you are able to make the developer find a solution to a second entrance to this development. After all, 99 year lease is pretty long. Hopefully we can find a solution that makes everybody happy. One group does not get everything they want. It is about compromise.
Mary E Pimentel
343 Hedge Rd.
Sent from my iPhone

From:	Patrick Feehan
To:	Kneier, Michelle
Cc:	Silano, Robert; Lorenzen, Mark
Subject:	Flood School development
Date:	Wednesday, October 16, 2024 12:51:36 PM

Hello, Ms. Kneier,

I would like to express my concern regarding the issue of safety in my neighborhood as it pertains to the proposed development at the Flood School location. In my fourth decade of living in the Suburban Park neighborhood, it is patently obvious that having two ingress/egress points is an absolute necessity, given the proposed future density of the development and the present density of Suburban Park.

I hope the Fire Board will do all they can to make the two access points proposal come to fruition. Clearly the safety of the future residents of the development, and of the present residents of the Suburban Park neighborhood, necessitates easy access for emergency vehicles, and likewise necessitates a reasonable amount of traffic. Daily bumper-to-bumper traffic in such a small neighborhood as Suburban Park is highly concerning on multiple levels. I hope you agree.

Thank you for considering what I have written here. I appreciate your time and attention.

Sincerely,

-Patrick Feehan
[redacted] Hedge Road
Menlo Park

June 26, 2024

Menlo Park City Council
c/o Christopher Turner
Senior Planner
City of Menlo Park

Support – 320 Sheridan Drive

Dear Members of the Menlo Park City Council and community,

I write on behalf of the Bay Area Council to support the housing project proposed by Alliant Strategic Development at the vacant Flood School site, 320 Sheridan Drive. This project, which aims to create 88 homes for teachers and staff of the Ravenswood City School District, represents a much-needed investment in our community's future.

The Bay Area Council represents 330 of the largest employers in the Bay Area, including companies, public agencies, and unions. We convene conversations on the most important issues facing the Bay Area and we work to make the Bay Area the best place to work and play. We are deeply committed to building the 3.5 million new homes our state needs to address our existing shortfall and the attendant high housing prices.

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GREENBELT ALLIANCE

July 18, 2024

RE: Endorsement of 320 Sheridan Drive

Dear Menlo Park City Staff and Planning Commissioners,

For over 60 years, Greenbelt Alliance has helped create cities and neighborhoods that make the Bay Area a better place to live—healthy places where people can walk and bike; communities with parks, shops, transportation options; homes that are affordable and resilient to the impacts of climate change. Greenbelt Alliance's Climate SMART—Sustainable, Mixed, Affordable, Resilient, Transit-Oriented—Development Endorsement Program provides support for projects that advance the right kind of development in the right places. By promoting climate-smart development we can create thriving, resilient neighborhoods with ready access to transit and housing choices for all of the Bay Area's people.

After careful review, Greenbelt Alliance is pleased to endorse the proposed 320 Sheridan Drive project.

Social Benefits of 320 Sheridan Drive

This development will provide 100% affordable housing for employees of the Ravenswood School District, a critical need for both the district's personnel and the city of Menlo Park. Those homes will be built across income bands, including extremely low, very low and low income housing, at a variety of median income (AMI) levels.

Our endorsement committee was particularly impressed with the project sponsor's comprehensive plans for addressing environmental and health concerns. The inclusion of measures to mitigate noise and particulate pollution for units located near the nearby freeway demonstrates a thoughtful and proactive approach to ensuring a healthy living environment for future residents. This attention to detail reflects a commitment to both sustainability and the well-being of the community.

Transit Access for Sustainable Development

In addition to adding greatly needed affordable housing to San Mateo County, 320 Sheridan Drive will align with Greenbelt Alliance's climate SMART—Sustainable, Mixed, Affordable, Resilient, Transit-Oriented—development criteria in several ways. This project is located within half a mile of a SamTrans bus line and the Ravenswood District Office, ensuring excellent accessibility for the school district personnel who will benefit from this housing. It also includes 90 bicycle parking spaces and a bicycle repair station, helping to ensure residents will have the ability to choose active transportation modes over driving.

According to GreenTRIP—a free online tool created by Transform that models traffic and greenhouse gas impacts of residential projects in California—the 320 Sheridan Drive development will result in:

- 1,086 fewer miles driven every day compared to the San Mateo County average.
- 38% fewer GHG impacts every day compared to the San Mateo County average.

Greenbelt Alliance believes 320 Sheridan Drive will play a pivotal role in reimagining a more resilient and inclusive Menlo Park where teachers and school district staff can live in the community in which they serve, and we are proud to give this project our endorsement! We hope its approval will inspire cities around the Bay Area to redouble their efforts to grow in more sustainable ways.

Sincerely,

Jordan Grimes
Resilience Manager
Greenbelt Alliance