201 EL CAMINO REAL & 612 CAMBRIDGE AVENUE

MENLO PARK, CA 94025

DRAWING INDEX

Architectural	
A-0.0	COVER SHEET
A-0.1	EXISTING STREET VIEWS OF NEIGHBORHOOD
A-0.2	EXISTING/ DEMO SITE PLAN
A-0.3A	BEST MANAGEMENT PRACTICES - STORMWATER
A-0.3B	BEST MANAGEMENT PRACTICES - EROSION CONTROL
A-1.0	AREA SITE PLAN
A-1.1	PROPOSED SITE PLAN
A-1.2	AREA PLAN - UNDERGROUND
A-1.3	AREA PLAN - 1ST FLOOR
A-1.3a	AREA POLYGON DIAGRAM - 1ST FLOOR
A-1.4	AREA PLAN - 2ND FLOOR
A-1.4a	AREA POLYGON DIAGRAM - 2ND FLOOR
A-1.5	AREA PLAN - 3RD FLOOR
A-1.5a	AREA POLYGON DIAGRAM - 3RD FLOOR
A-1.6	AREA PLAN TOWNHOUSE
A-1.6a	AREA POLYGON DIAGRAM - TOWNHOUSE
A-1.7	BUILDING FACADE MODULATIONS
A-1.8	FIRE ANALYSIS - UNPROTECTED OPENINGS
A-3.1	1ST FLOOR PLAN
A-3.2	2ND FLOOR PLAN
A-3.3	3RD FLOOR PLAN
A-3.4	GARAGE LEVEL 1
A-3.5	GARAGE LEVEL 2
A-3.6	TOWNHOUSE #1 FLOOR PLANS
A-3.7	TOWNHOUSE #2 FLOOR PLANS
A-3.8	ROOF PLAN
A-4.1	PROPOSED STREET SCAPE VIEWS
A-4.2	ELEVATIONS - MIXED-USE
A-4.3	ELEVATIONS - MIXED-USE
A-4.4	ELEVATIONS - TOWNHOUSE 1
A-4.5	ELEVATIONS - TOWNHOUSE 2
A-5.1	BUILDING SECTIONS
A-5.2	BUILDING SECTIONS
A-5.3	BUILDING SECTIONS
A-5.4	BUILDING SECTIONS
A-5.5	BUILDING SECTIONS
A-5.6	BUILDING PROFILE
A-6.0	3D VIEWS 1
A-6.1	3D VIEWS 2
A-6.2	RENDERED STREET VIEW OF PROPOSED EL CAMINO
A-6.3	RENDERED STREET VIEW OF PROPOSED CAMBRIDE AVE
A-6.4	COLORS AND MATERIALS
A-6.5	MATERIALS
A-6.7	GLASS TILE ROOF & AC CONDENSER SPECS
A-6.8	WINDOW & DOOR IMAGES
A-7.1	TRASH-RECYCLING ENCLOSURE AND CAR STACKERS
LEED-1.0	LEED BUILDING INFO
RCP-1.1	LIGHTING PHOTOMETRICS
RCP-1.2	LIGHTING PHOTOMETRICS
RCP-1.3	LIGHTING PHOTOMETRICS
Civil-Survey	
C0.1	TOPOGRAPHIC AND BOUNDARY SURVEY
C1.0	PARCEL PLAN
C1.1	CIRCULATION PLAN
C1.2	GARAGE VEHICLE TURNING
C2.0	SITE AND GRADING PLAN
C3.0	UTILITY PLAN
C4.0	STORMWATER MANAGEMENT PLAN
Joint Trench	
JT-1	JOINT TRENCH
Landscape	
L1.0	LANDSCAPE PLAN
L1.1	LANDSCAPE IMAGES
L2.0	PLANT LIST AND IMAGES
L3.0	WATER USAGE CALCULATIONS
Tree Protection	
T-1	TREE DISPOSITION PLAN
T-2	TREE PROTECTION SPECIFICATIONS

Total Sheets: 64

VICINITY MAP

Chapter 5 Area and Construction Type Analysis:

Mixed use, Separated Occupancy Building per CBC 508.4

Occupancies: B, M, R-2, S-2.

Construction Type: VA

Permitted Height, Stories & Area by Occupancy Type for Buildings with S Increase for Area (SM):

Height:	B,M,S:	50'
	R-2	50'
Stories:	B	3
	M	3
	R-2	3
	S	4
Area:	B	54,000
	M	42,000
	R-2	36,000
	S-2	63,000

Proposed Building Height: 38'

Proposed Stories:

B	1
M	1
R-2	3

Proposed Area, First Floor:

B	3,000
M	4,484
R-2	1,215
Total:	9,025

Proposed Area, Second Floor:

R-2	9,138

Proposed Area, Third Floor:

R-2	7,741

For each story area, Aggregated sum of the Ratios:

1st. $\frac{3,000}{54,000} + \frac{4,484}{42,000} + \frac{1,215}{36,000} = 0.196 < 1.0$

2nd. $\frac{9,138}{36,000} = 0.253 < 1.0$

3rd. $\frac{7,741}{36,000} = 0.215 < 1.0$

For Total Building Area, Aggregated sum of the Ratios: 0.664 < 2.0

Per Section 506.1.3, Basements need not be included in the total allowable floor area of a building provided the total area of such basements does not exceed the area permitted for a one-story above grade plan building.

Proposed Area, Basement Level 1:

S-2	13,944

Proposed Area, Basement Level 2:

S-2	13,944

Total Basement Area: 27,888 > 63,000

Planning Permit #: PLN2018-00061

APN/Parcel ID: 071-413-200, 370, 380

General Notes:
The project is subject to the California Building Standards Code at the time of Building permit application.
The project is subject to the California Green Building Standards Code (Cal Green) in effect at the time of Building permit submittal and any local amendments to the Code. Other forms of green building checklist will not be accepted in-lieu of the Cal Green requirements.
All deferred submittals other than trusses are to be approved by the Building Official prior to Building Permit application.

MEP Notes:
All sanitary sewer lines shall have a slope of 2% unless otherwise approved by the Building Official.
All sanitary sewer lines will gravity feed to the sewer mains in the public right of way unless otherwise approved by the Building Official.
HVAC equipment Shall not exceed the threshold levels as established in Chapter 8.06 of the City of Menlo Park Municipal Code.
Do not run condensate water run into the storm drain systems.

201 El Camino Real, Menlo Park, CA

Zoning Analysis

Zoning: 201 El Camino Real ECR SW
Site Area: 17,304 sf*
Proposed Used: Retail, Medical Offices, Residential

PERMITTED DEVELOPMENT INTENSITY	BASE ZONING	PERMITTED WITH PUBLIC BENEFIT	PROPOSED INTENSITY	PROPOSED CONSTRUCTION:
			Proposed Gross Floor Area:	25,678.9 s.f.
Max FAR for all Uses:	1.1	1.5	Proposed Total FAR:	1.484 <1.5
Permitted Floor Area:	19,034.4 s.f.	25,956.0 s.f.	Proposed Res. Units:	12 Units
			Proposed Density:	30.00 Units/acre
Max Medical FAR:	33%	33%	Proposed Medical FAR:	0.11 <0.33
Max. Medical Floor Area:	6,338.5 s.f.	8,643.3 s.f.	Proposed Floor Areas:	
			Medical:	2,984.5 s.f.
			Restaurant:	1,200.0 s.f.
Permitted Density:	25 Units/acre	40 Units/acre	Retail:	2,962.4 s.f.
# Res. Units:	9 Units	15 Units	Exit Stair # 3:	176.8 s.f.
			Common Circulation:	774.4 s.f.
BMR Housing:			Residential Floor Area:	17,580.8 s.f.
BMR requiement @ 10%:	0.9	1.5		
			BMR Units Proposed:	2 Units

* The lot area of the R-3 zoned 612 Cambridge parcel is not included in the lot area for these calculations.
** Residential Floor Area includes floor area on all three levels.

Setbacks:				
	Front	7'	Front	7'
	Right Side	5'	Right Side	5'
	Left Side	7'	Left Side	7'
	Rear:	20'	Rear:	20'

Open Space Minimum:	30%	Private Open Space	1,705.5 s.f.
		Common Open Space	6,582.6 s.f.
Minimum Required	5191.2 s.f.	Total Provided:	8,288.1 s.f.

Required Vehicle Parking:		Proposed Vehicle Parking:		
Retail Parking @ 4.0 per 1,000 sf	11.8 cars	Level 1:	21	cars, standard stalls
Restaurant@ 6.0 per 1,000 sf	7.2	Level 2:	10	cars, standard stalls
Med. Parking @ 4.5 per 1,000 sf	13.4 cars	Level 2:	28	cars, stacker units
Res. Parking @ 1.85 per Unit	22.2 cars			
612 Cambridge, 2 units:	4.0 cars			
Total on-site Parking required:	59 cars	Total:	59	
ADA Parking Reqired:		EVSE Requirements:		
Commecial: 2 Spaces Required		Commercial: 2 Total		
1 Van Accessible		1 Standard Space EVSE Ready		
1 Standard Accessible		1 Space EVSE Ready w/ Accessible Aisle		
Residential: 1 Space Required:		Residential: 14 Total		
1 Van Accessible		11 Standard Spaces EVSE Ready		
		2 Standard spaces EVSE Installed		
		1 Sspace Installed w/ Accessible Aisle		
Required Bike Parking:				
Medical	Long Term; 1 per 10,000 sf:	2		
	Short Term; 1 per 20,000 sf:	2		
Retail	Long Term; 1 per 12,000 sf	2	18 Long Term	
	Short Term; 1 per 5,000 sf:	2	6 Short Term	
Residential, Multi Family:	Long Term; 1 per unit:	14		
	Short Term; 1 per 10 units:	2		

612 Cambridge Ave, Menlo Park, CA

Zoning Analysis

Zoning: 612 Cambridge R-3
Site Area: 7923 sf
Proposed Used: 2 Residential Townhomes

PERMITTED DEVELOPMENT INTENSITY		PROPOSED INTENSITY	
Max Density:	2 units	Proposed Density:	2 units
Maximum FAR	0.45	Proposed FAR	0.450
Maximum Floor Area:	3,565 sf	Proposed Floor Area:	3,564.5 44.99%
Maximum Lot Coverage	2,377 sf	Proposed Lot Coverage	2,213.0 27.93%
Min. Required Open Space:	3,962 sf	Open Space Provided:	5,709 72.06%
Maximum Height:	35 ft	Proposed Height:	26 2-1/2 ft
Parking requirement:	2 Per Unit		
Total Parking Required:	4	Parking provided:	4 ***

PROJECT TEAM

HISTORICAL STUDY:
Urban Programmers
10710 Ridgeview Ave.
San Jose, CA 95127
Phone: (408) 254-7171
Mobil:
Email: bbamburg@usa.net

TRAFFIC ENGINEER:
CHS Consulting Traffic Eng
220 Montgomery St., Ste. 346
San Francisco, CA 94104
Phone: (415) 392-9688
Mobil:
Email: chshao@chsconsulting.net

GEOTECHNICAL:
Earth Systems Pacific
48511 Warm Springs Rd., Ste. 210
Fremont, CA 94539
Phone: (408) 934-9302
Mobil: (510) 353-3833
Email: xmejia@earthsystems.com

SURVEYOR/ CIVIL ENG.:
Sherwood Design Civil Engineers
2548 Mission Street
San Francisco, CA 94110
Phone: (415) 677-7300
Mobil: (415) 509-0707
Email: jleys@sherwoodengineers.com

STRUCTURAL ENGINEER:
T.B.D
, CA 94
Phone: ( ) -
Mobil:
Email:

ARCHITECT: EID Architects
Environmental Innovations in Design
412 Olive Avenue
Palo Alto, CA 94306-2225
Phone: (650) 226-8770
Mobil: (650) 793-2856
Email: stuart@EIDarchitects.com

ARBORIST:
Advanced Tree Care
P.O. Box 5326
Redwood City, CA 94063
Phone: (650) 839-9539
Mobil: (650) 537-0175
Email: rweather@pacbell.net

LANDSCAPE ARCHITECT:
ZAC Landscape Architects
145 Keller Street
Petaluma, CA 94952
Phone:
Mobil: (707) 696-2967
Email: sandrareed1574@gmail.com

JOINT TRENCH:
Millennium Design & Consulting Inc.
3200 Danville Blvd. #250
Alamo, CA 94507
Phone: (925) 820-8502
Mobil: (925) 783-4300
Email: alfred@jointutility.com

LANDUSE ATTORNEY:
Arent Fox LLP Attorneys at Law
55 2nd Street, 21st Floor
San Francisco, CA 94105
Phone: (415) 805-7995
Mobil:
Email: Tim.Tosta@arentfox.com

GENERAL CONTRACTOR:
T.B.D.
Phone:
Mobil:
Email:

OWNER:
HuHanTwo, LLC
86 Michaels Way
Atherton, CA 94027
Phone:
Mobil: (202) 550-0045
Email: yihanhu@stanford.edu

6/13/2019 07:29:52 PM

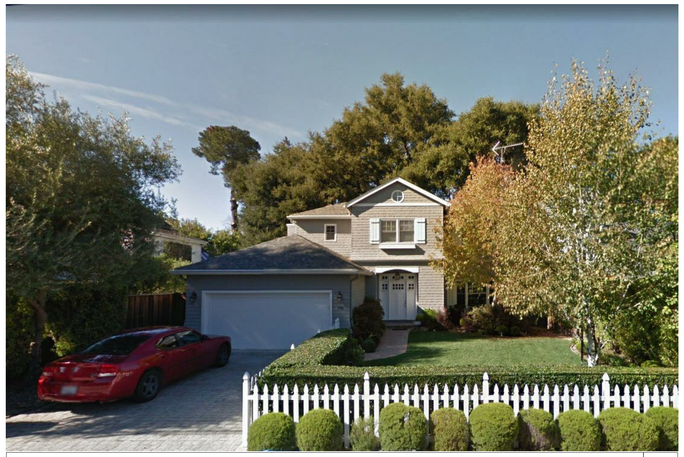
DATE 06/13/2019

201 EL CAMINO REAL - 612 CAMBRIDGE AVE
MENLO PARK, CALIFORNIA 94025

SHEET TITLE: COVER SHEET

SHEET NUMBER: A-0.0

ENVIRONMENTAL INNOVATIONS IN DESIGN
412 OLIVE AVE. PALO ALTO, CA 94306
PHONE: 650-226-8770 WWW.EIDARCHITECTS.COM
EID ARCHITECTS ECO FUNCTIONAL ARCHITECTURE



EXISTING NEIGHBORHOOD HOUSE - 776 CAMBRIDGE | 9.

EXISTING NEIGHBORHOOD HOUSE - 730/ 724 CAMBRIDGE | 6.

EXISTING NEIGHBORHOOD HOUSE - 680 CAMBRIDGE | 3.

EXISTING NEIGHBORHOOD HOUSE - 649/ 665 CAMBRIDGE | 8.

EXISTING NEIGHBORHOOD HOUSE - 715 CAMBRIDGE | 5.

EXISTING NEIGHBORHOOD HOUSE - 739 CAMBRIDGE | 2.

EXISTING NEIGHBORHOOD HOUSE - 628/ 626/ 612 CAMBRIDGE | 7.

EXISTING NEIGHBORHOOD COMMERCIAL - 145 EL CAMINO | 4.

EXISTING NEIGHBORHOOD - 605 CAMBRIDGE | 1.

6/13/2019 11:55:53 AM

DATE
06/13/2019

201 EL CAMINO REAL - 612 CAMBRIDGE AVE

MENLO PARK, CALIFORNIA 94025

SHEET TITLE
EXISTING STREET VIEWS OF NEIGHBORHOOD

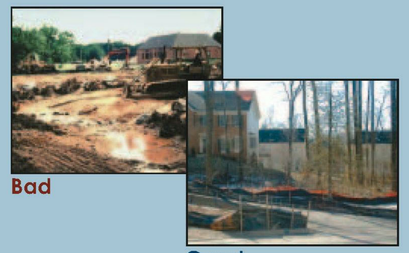
SHEET NUMBER
A-0.1

ENVIRONMENTAL INNOVATIONS IN DESIGN
412 OLIVE AVE. PALO ALTO, CA 94306
PHONE: 650-226-8770 WWW.EIDARCHITECTS.COM

EID ARCHITECTS
ECO FUNCTIONAL ARCHITECTURE

Stormwater and the Construction Industry

Protect Natural Features



Bad

Good

Minimize clearing.

Minimize the amount of exposed soil.

Identify and protect areas where existing vegetation, such as trees, will not be disturbed by construction activity.

Protect streams, stream buffers, wild woodlands, wetlands, or other sensitive areas from any disturbance or construction activity by fencing or otherwise clearly marking these areas.

Construction Phasing

Bad

Good

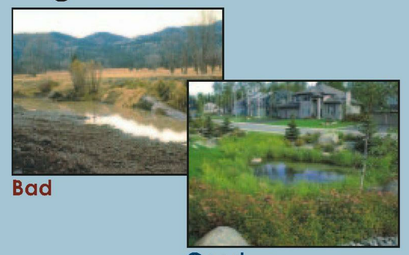
Sequence construction activities so that the soil is not exposed for long periods of time.

Schedule or limit grading to small areas.

Install key sediment control practices before site grading begins.

Schedule site stabilization activities, such as landscaping, to be completed immediately after the land has been graded to its final contour.

Vegetative Buffers



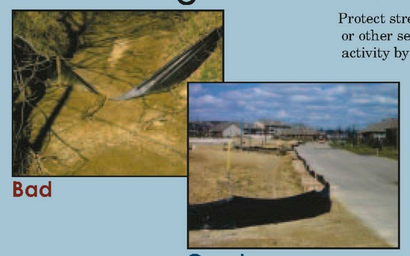
Bad

Good

Protect and install vegetative buffers along waterbodies to slow and filter stormwater runoff.

Maintain buffers by mowing or replanting periodically to ensure their effectiveness.

Silt Fencing



Bad

Good

Inspect and maintain silt fences after each rainstorm.

Make sure the bottom of the silt fence is buried in the ground.

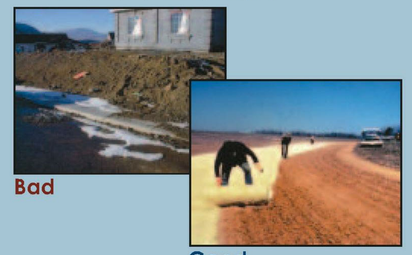
Securely attach the material to the stakes.

Don't place silt fences in the middle of a waterway or use them as a check dam.

Make sure stormwater is not flowing around the silt fence.

Maintain your BMPs!

Site Stabilization



Bad

Good

Vegetate, mulch, or otherwise stabilize all exposed areas as soon as land alterations have been completed.

Construction Entrances

Bad

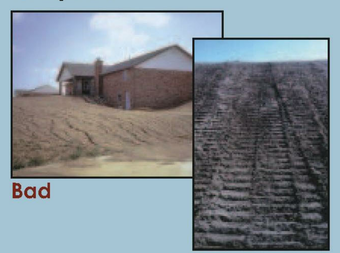
Good

Remove mud and dirt from the tires of construction vehicles before they enter a paved roadway.

Properly size entrance BMPs for all anticipated vehicles.

Make sure that the construction entrance does not become buried in soil.

Slopes



Bad

Good

Rough grade or terrace slopes.

Break up long slopes with sediment barriers, or under drain, or divert stormwater away from slopes.

Dirt Stockpiles

Bad

Good

Cover or seed all dirt stockpiles.

ONLY RAIN IN THE STORM DRAIN

SAN MATEO COUNTYWIDE STORMWATER POLLUTION PREVENTION PROGRAM (STOPPP)
A program of C/CAG
www.flowstobay.org

Storm Drain Inlet Protection

Bad

Good

Use rock or other appropriate material to cover the storm drain inlet to filter out trash and debris.

Make sure the rock size is appropriate (usually 1 to 2 inches in diameter).

If you use inlet filters, maintain them regularly.

Source: www.epa.gov/npdes/menuofbmps

6/13/2019 11:55:55 AM

DATE 06/13/2019

201 EL CAMINO REAL - 612 CAMBRIDGE AVE
MENLO PARK, CALIFORNIA 94025

SHEET TITLE: BEST MANAGEMENT PRACTICES - STORMWATER

SHEET NUMBER: A-0.3A

ENVIRONMENTAL INNOVATIONS IN DESIGN
412 OLIVE AVE. PALO ALTO, CA 94306
PHONE: 650-226-8770 WWW.EIDARCHITECTS.COM

EID ARCHITECTS
ECO FUNCTIONAL ARCHITECTURE

Stormwater and the Construction Industry

Planning and Implementing Erosion and Sediment Control Practices

The construction industry is a critical participant in the nation's efforts to protect streams, rivers, lakes, wetlands, and oceans. Through the use of best management practices (BMPs), construction site operators are the key defense against erosion and sedimentation.

As stormwater flows over a construction site, it picks up pollutants like sediment, debris, and chemicals. High volumes of stormwater can also cause stream bank erosion, and destroy downstream aquatic habitat. Preventing soil erosion and sedimentation is an important responsibility at all construction sites.

In addition to the environmental impact, uncontrolled erosion can have a significant financial impact on a construction project. It costs money and time to repair gullies, replace vegetation, clean sediment-clogged storm drains, replace poorly installed BMPs, and mitigate damage to other people's property or to natural resources.

Best Management Practice (BMP)
A BMP is a method used to prevent or control stormwater runoff and the discharge of pollutants, including sediment, into local waterbodies. Silt fences, inlet protection, and site-stabilization techniques are typical BMPs on a construction site.

Operator
An operator is someone who has control over and the ability to modify construction plans and specifications (e.g. owner, general contractor)

or

Someone who has control over the day-to-day operations at a site (e.g., owner, general contractor) that are necessary to ensure compliance with the permit requirements. It is the responsibility of a construction site owner or operator to contain stormwater runoff and prevent erosion during **all** stages of a project.

There may be more than one person at a site who meets these definitions and must apply for permit coverage. (States may have different definitions of the term "operator.")

So what's being done about polluted runoff?

The Clean Water Act includes the National Pollutant Discharge Elimination System (NPDES) permitting program. As of January 2003, 44 states and territories are authorized to issue NPDES stormwater permits. If your state isn't authorized to operate the NPDES stormwater permit program, EPA issues the permits. Permits vary from state to state, so contact your state or EPA for specific information. Your permitting authority has specific information on your state's NPDES stormwater permit program. In general, construction permits require construction operators to do all of the following:

- Develop and implement a stormwater pollution prevention plan
- Submit a permit application or notice of intent (NOI)
- Comply with the permit, including maintaining BMPs and inspecting the site

Under the NPDES program, construction activities that disturb 1 or more acres are required to obtain stormwater permit coverage. States have different names for the plans that construction operators must develop, such as

- Stormwater pollution prevention plan
- Erosion and sediment control plan
- Erosion control and stormwater management plan
- Stormwater management plan
- Water pollution control plan
- Pollution prevention plan

This document uses the term "*Plan*."

I think I need a permit... Where do I start?

All land-disturbing activities, including clearing, grading, and excavation, that disturb **1 or more acres** are required to be covered under a state or EPA-issued NPDES construction stormwater permit **prior to land disturbance**. Permit requirements vary by state. Begin by researching the specific requirements in your state. You might already be subject to local erosion and sediment control requirements, but that doesn't release you from the requirements of the NPDES program at the state or EPA level. Although you must comply with both sets of requirements, in most cases they have been designed to be complementary. Contact your permitting authority to find out exactly what you need to do. A good place to start your search is the Construction Industry Compliance Assistance web site at http://www.envcap.org/cica.

The NPDES permit requirements include small construction activities that are part of a larger common plan of development or sale, such as a single lot within a larger subdivision. For developments with multiple operators, all operators must have permit coverage for their individual parts of the larger development, no matter how large or small each operation happens to be. When there are multiple operators at one site, they're encouraged to develop and share one comprehensive Plan and obtain permit coverage as co-permitees.

The **owner or operator** of the construction site is responsible for complying with the requirements of the permit. Responsibilities include developing a Plan, obtaining permit coverage, implementing BMPs, and stabilizing the site at the end of the construction activity.

Construction sites that discharge unpermitted stormwater are in violation of the Clean Water Act and may be subject to fines of up to $27,500 a day per violation.

Determine your eligibility

All construction activity that disturbs 1 or more acres of land, as well as activity that disturbs less than 1 acre but is part of a larger common plan of development, must obtain permit coverage.

Read and understand your stormwater permit requirements

Get a copy of the permit for construction activities and a permit application (or notice of intent form) from your state or EPA permitting authority.

Develop a Plan

Most states do not require you to submit your Plan. However, you do need to keep the Plan on site. If that's impractical, you may post a notice that tells where the Plan is kept so it can be accessed by the permitting authority and other interested parties.

You'll need to post a copy of your completed application on site. Put it in a place where the public can see it so they'll know your site is covered by an NPDES permit!

Apply for permit coverage

Once you understand your permit requirements and have developed a Plan, you can submit a stormwater permit application (or notice of intent) to your permitting authority. This must be done before beginning any land disturbance on the site. Some states require a few days of lead time, so check with your permitting authority. Once you've submitted the application, you must satisfy the conditions of the permit.

Implement the Plan

Be prepared to implement the BMPs in your Plan before construction begins. Ensure that BMPs are properly maintained, and upgrade and repair them as necessary.

Developing and Implementing a Plan

You must have a Plan that includes erosion and sediment control and pollution prevention BMPs. These Plans require

- Advance planning and training to ensure proper implementation of the BMPs
- Erosion and sediment control BMPs in place until the area is permanently stabilized
- Pollution prevention BMPs to keep the construction site "clean"
- Regular inspection of the construction site to ensure proper installation and maintenance of BMPs

Fortunately, the practices and measures that must be included in your Plan are already part of the standard operating procedures at many construction sites.

Six steps are associated with developing and implementing a stormwater Plan. There's a wealth of information available on developing pollution prevention plans. Please contact your permitting authority for help in finding additional guidance materials, or visit www.epa.gov/npdes/stormwater. A sample construction plan is available at www.epa.gov/npdes/pubs/sample_swppp.pdf.

1. Site Evaluation and Design Development

- **Collect site information**
- **Develop site plan design**
- **Prepare pollution prevention site map**

The first step in preparing a Plan is to define the characteristics of the site and the type of construction that will occur. This involves collecting site information, identifying natural features that should be protected, developing a site plan design, describing the nature of the construction activity, and preparing a pollution prevention site map.

2. Assessment

- **Measure the site area**
- **Determine the drainage areas**
- **Calculate the runoff coefficient**

The next step is assessing the impact the project will have on stormwater runoff. Determine the drainage areas and estimate the runoff amounts and velocities. For more information on calculating the runoff coefficient, go to www.epa.gov/npdes/pubs/chap02_conguide.pdf, page 11.

3. Control Selection and Plan Design

- **Review and incorporate state or local requirements**
- **Select erosion and sediment controls**
- **Select other controls**
- **Select stormwater management controls**
- **Indicate the location of controls on the site map**
- **Prepare an inspection and maintenance plan**
- **Coordinate controls with construction activity**
- **Prepare sequence of major activities**

In the third step you'll actually document your procedures to prevent and control polluted stormwater runoff. You must delineate areas that will not be disturbed, including critical natural areas like streamside areas, floodplains, and trees. You must also identify the measures (or BMPs) you'll use to protect these areas.

Phasing your project to minimize the amount of exposed soil at any given time is a highly effective way to prevent erosion. Erosion control measures designed to prevent soil from being mobilized include diversions to route stormwater away from exposed soils and stabilization with vegetation, mulch, and geotextiles. Sedimentation control measures designed to remove sediment from stormwater or prevent it from leaving the site include silt fences, sediment traps, and diversions.

You'll need to select erosion and sediment controls—including stabilization measures for protecting disturbed areas and structural controls for diverting run-off and removing sediment—that are appropriate for your particular site. The appropriateness of the control measures will depend on several factors, but will be influenced most directly by the site characteristics. Some stabilization measures you might consider are temporary seeding, permanent seeding, and mulching. Structural control measures include earth dikes, silt fences, and sediment traps. No single BMP will meet all of the erosion and sedimentation control needs of a construction site. A combination of BMPs is necessary. For more information on the types of BMPs appropriate for your construction site, see the BMP fact sheet series available at www.epa.gov/npdes/menuofbmps.

Soil erosion control tips...

- Design the site to infiltrate stormwater into the ground and to keep it out of storm drains. Eliminate or minimize the use of stormwater collection and conveyance systems while maximizing the use of stormwater infiltration and bioretention techniques.
- Minimize the amount of exposed soil on site.
  - To the extent possible, plan the project in stages to minimize the amount of area that is bare and subject to erosion. The less soil exposed, the easier and cheaper it will be to control erosion.
  - Vegetate disturbed areas with permanent or temporary seeding immediately upon reaching final grade.
  - Vegetate or cover stockpiles that will not be used immediately.
- Reduce the velocity of stormwater both onto and away from the project area.
  - Interceptors, diversions, vegetated buffers, and check dams are a few of the BMPs that can be used to slow down stormwater as it travels across and away from the project site.
  - Diversion measures can also be used to direct flow away from exposed areas toward stable portions of the site.
  - Silt fences and other types of perimeter filters should never be used to reduce the velocity of runoff.
- Protect defined channels immediately with measures adequate to handle the storm flows expected.
  - Sod, geotextile, natural fiber, riprap, or other stabilization measures should be used to allow the channels to carry water without causing erosion. Use softer measures like geotextile or vegetation where possible to prevent downstream impacts.
- Keep sediment on site.
  - Place aggregate or stone at construction site vehicle exits to accommodate at least two tire revolutions of large construction vehicles. Much of the dirt on the tires will fall off before the vehicle gets to the street.
  - Regular street sweeping at the construction entrance will prevent dirt from entering storm drains. Do not hose paved areas.
  - Sediment traps and basins are temporary structures and should be used in conjunction with other measures to reduce the amount of erosion.
- Maintaining all BMPs is critical to ensure their effectiveness during the life of the project.
  - Regularly remove collected sediment from silt fences, berms, traps, and other BMPs.
  - Ensure that geotextiles and mulch remain in place until vegetation is well established.
  - Maintain fences that protect sensitive areas, silt fences, diversion structures, and other BMPs.

Other BMPs and Activities to Control Polluted Runoff

You'll need to select other controls to address potential pollutant sources on your site. Construction materials, debris, trash, fuel, paint, and stockpiles become pollution sources when it rains. Basic pollution prevention practices can significantly reduce the amount of pollution leaving construction sites. The following are some simple practices that should be included in the Plan and implemented on site:

- Keep potential sources of pollution out of the rain as practicable (e.g., inside a building, covered with plastic or tarps, or sealed tightly in a leak-proof container).
- Clearly identify a protected, lined area for concrete truck washouts. This area should be located away from streams, storm drain inlets, or ditches and should be cleaned out periodically.
- Park, refuel, and maintain vehicles and equipment in one area of the site to minimize the area exposed to possible spills and fuel storage. This area should be well away from streams, storm drain inlets, or ditches. Keep spill kits close by and clean up any spills or leaks immediately, including spills on pavement or earthen surfaces.
- Practice good housekeeping. Keep the construction site free of litter, construction debris, and leaking containers. Keep all waste in one area to minimize cleaning.
- Never hose down paved surfaces to clean dust, debris, or trash. This water could wash directly into storm drains or streams. Sweep up materials and dispose of them in the trash. Never bury trash or debris!
- Dispose of hazardous materials properly.

4. Certification and Notification

- **Certify the Plan**
- **Submit permit application or notice of intent**

Once the Plan has been developed, an authorized representative must sign it. Now is the time to submit the permit application or notice of intent. Your permit might require that the Plan be kept on site, so be sure to keep it available for the staff implementing the Plan.

Erosion and sedimentation control practices are only as good as their installation and maintenance.

5. Implementing and Maintaining a Plan

- **Implement controls**
- **Inspect and maintain controls**
- **Update/change the Plan**
- **Report releases of hazardous materials**

A Plan describes the practices and activities you'll use to prevent stormwater contamination and meet the NPDES permit requirements. Make sure that the Plan is implemented and that the Plan is updated as necessary to reflect changes on the site.

Erosion and sedimentation control practices are only as good as their installation and maintenance. Train the contractors that will install the BMPs and inspect immediately to ensure that the BMPs have been installed correctly.

Regularly inspect the BMPs (especially before and after rain events) and perform any necessary repairs or maintenance immediately. Many BMPs are designed to handle a limited amount of sediment. If not maintained, they'll become ineffective and a source of sediment pollution.

It's also important to keep records of BMP installation, implementation, and maintenance. Keep track of major grading activities that occur on the site, when construction activities cease (temporarily or permanently), and when a site is temporarily or permanently stabilized.

If construction plans change at any time, or if more appropriate BMPs are chosen for the site, update the Plan accordingly.

6. Completing the Project: Final Stabilization and Termination of the Permit

- **Final stabilization**
- **Notice of Termination**
- **Record retention**

Many states and EPA require a Notice of Termination (NOT) or other notification signifying that the construction activity is completed. An NOT is required when

- Final stabilization has been achieved on all portions of the site for which the permittee is responsible.
- Another operator has assumed control over all areas of the site that have not been finally stabilized. That operator would need to submit a new permit application to the permitting authority.
- For residential construction only, temporary stabilization of a lot has been completed prior to transference of ownership to the homeowner, with the homeowner being made aware of the need to perform final stabilization.

Permittees must keep a copy of their permit application and their Plan for at least 3 years following final stabilization. This period may be longer depending on state and local requirements.

Preconstruction Checklist

- A site description, including
  - Nature of the activity
  - Intended sequence of major construction activities
  - Total area of the site
  - Existing soil type and rainfall runoff data
  - A site map with:
    - Drainage patterns
    - Approximate slopes after major grading
    - Area of soil disturbance
    - Outline of areas which will not be disturbed
    - Location of major structural and nonstructural soil erosion controls
    - Areas where stabilization practices are expected to occur
    - Surface waters
    - Stormwater discharge locations
  - Name of the receiving water(s)
- A description of controls:
  - Erosion and sediment controls, including
    - Stabilization practices for all areas disturbed by construction
    - Structural practices for all drainage/discharge locations
  - Stormwater management controls, including
    - Measures used to control pollutants occurring in stormwater discharges after construction activities are complete
    - Velocity dissipation devices to provide nonerosive flow conditions from the discharge point along the length of any outfall channel
  - Other controls, including
    - Waste disposal practices that prevent discharge of solid materials
    - Measures to minimize offset tracking of sediments by construction vehicles
    - Measures to ensure compliance with state or local waste disposal, sanitary sewer, or septic system regulations
  - Description of the timing during the construction when measures will be implemented
- State or local requirements incorporated into the Plan
- Inspection and maintenance procedures for control measures identified in the Plan
- Contractor certification and Plan certification

Implementation Checklist

- Maintain records of construction activities, including
  - Dates when major grading activities occur
  - Dates when construction activities temporarily cease on the site or a portion of the site
  - Dates when construction activities permanently cease on the site or a portion of the site
  - Dates when stabilization measures are completed on the site
- Prepare inspection reports summarizing
  - Name of person conducting BMP inspections
  - Qualifications of person conducting BMP inspections
  - BMPs/areas inspected
  - Observed conditions
  - Necessary changes to the Plan
- Report releases of reportable quantities of oil or hazardous materials
  - Notify the National Response Center at 800-424-8802 immediately
  - Report releases to your permitting authority immediately, or as specified in your permit. You must also provide a written report within 14 days.
  - Modify the Plan to include
    - The date of release
    - Circumstances leading to the release
    - Steps taken to prevent reoccurrence of the release
- Modify Plan as necessary
  - Incorporate requests of the permitting authority to bring the Plan into compliance
  - Address changes in design, construction operation, or maintenance that affect the potential for discharge of pollutants

An ounce of prevention is worth a pound of cure! It's far more efficient and cost-effective to prevent pollution than it is to try to correct problems later. Installing and maintaining simple BMPs and pollution prevention techniques on site can greatly reduce the potential for stormwater pollution and can also save you money!

Visit www.epa.gov/npdes/stormwater for more information.

EPA
United States Environmental Protection Agency
EPA 833-H-03-001
April 2003
Recycled/Recyclable
Printed with vegetable-based ink on paper that contains a minimum of 50% post-consumer fiber content processed chlorine-free.

THE YEAR OF CLEAN WATER

DATE 06/13/2019

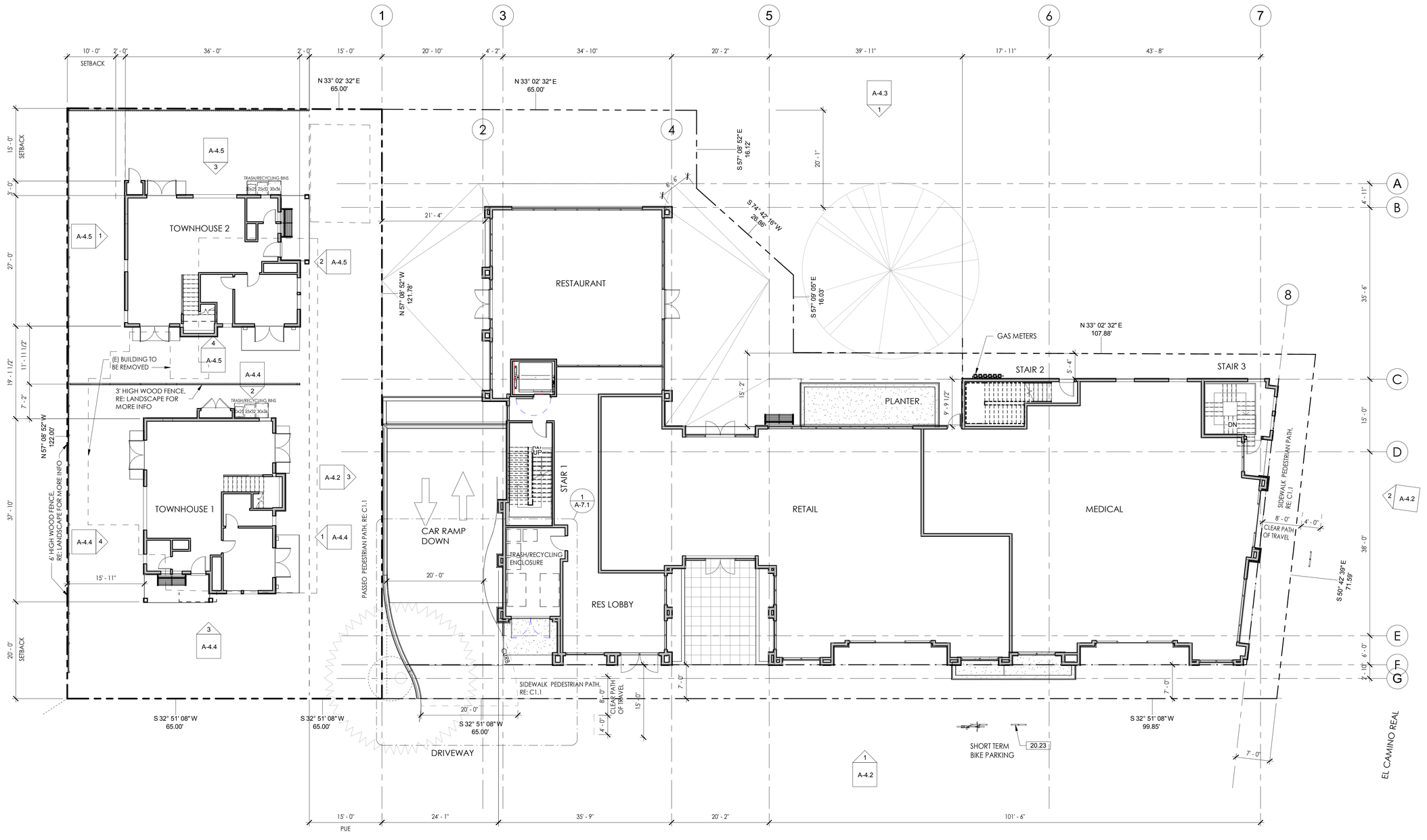
201 EL CAMINO REAL - 612 CAMBRIDGE AVE
MENLO PARK, CALIFORNIA 94025

SHEET TITLE
BEST MANAGEMENT PRACTICES - EROSION CONTROL

SHEET NUMBER
A-0.3B

ENVIRONMENTAL INNOVATIONS IN DESIGN
412 OLIVE AVE. PALO ALTO, CA 94306
PHONE: 650-226-8770 WWW.EIDARCHITECTS.COM

EID ARCHITECTS
ECO-FUNCTIONAL ARCHITECTURE



6/13/2019 12:15:22 PM

DATE
06/13/2019

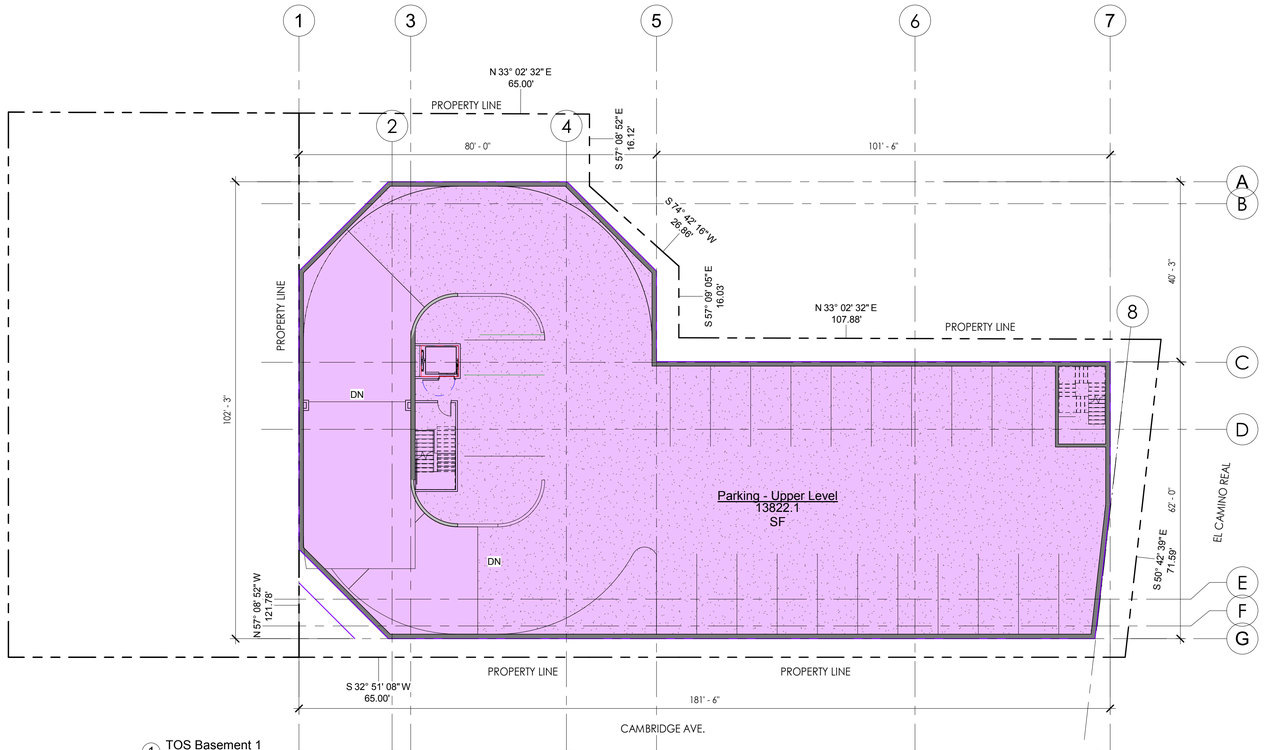
201 EL CAMINO REAL - 612 CAMBRIDGE AVE

MENLO PARK, CALIFORNIA 94025

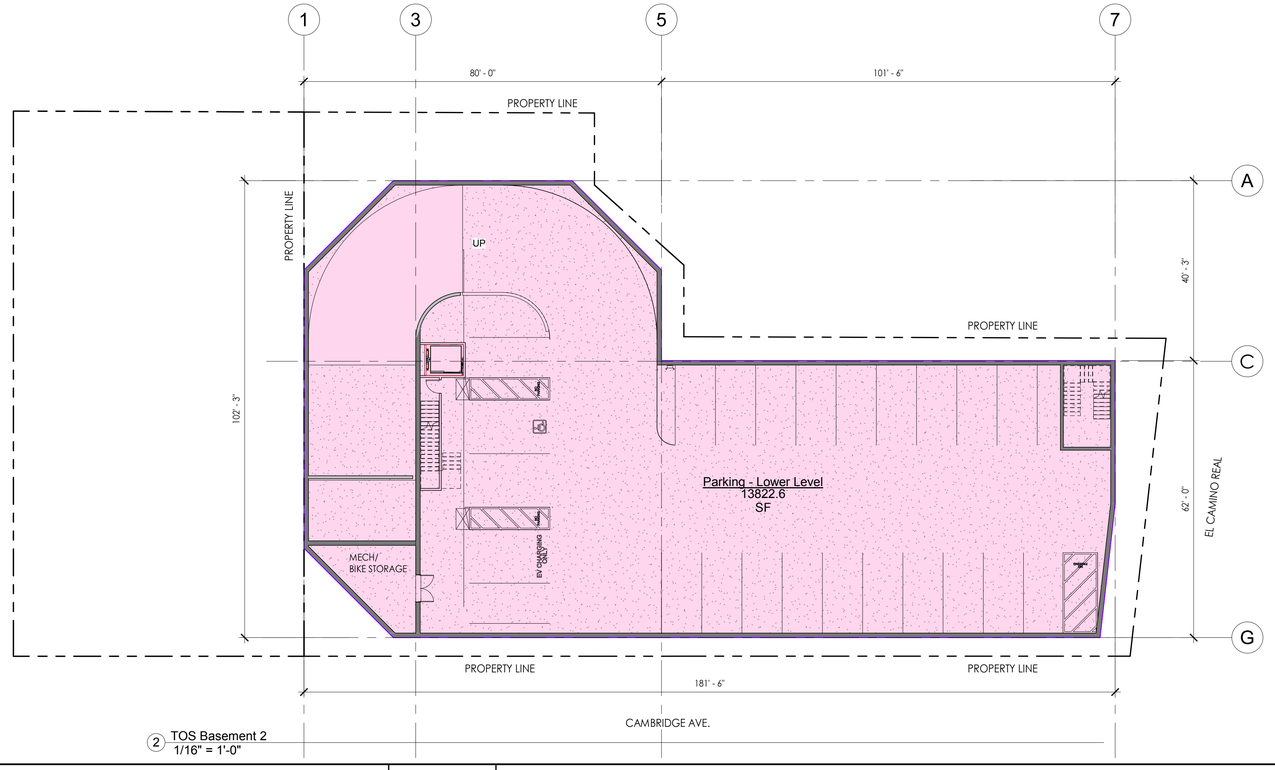
SHEET TITLE
PROPOSED SITE PLAN

SHEET NUMBER
A-1.1

ENVIRONMENTAL INNOVATIONS IN DESIGN
412 OLIVE AVE. PALO ALTO, CA 94306
PHONE: 650-226-8770 WWW.EIDARCHITECTS.COM
EID ARCHITECTS
ECO FUNCTIONAL ARCHITECTURE



1 TOS Basement 1
1/16" = 1'-0"



2 TOS Basement 2
1/16" = 1'-0"

201 El Camino Real
Floor Area Calculation:

Parking	
TOS Basement 2	
Parking - Lower Level	13,823 SF
TOS Basement 1	
Parking - Upper Level	13,822 SF
	27,645 SF
Floor Area Total	27,645 SF

Building Area Legend

Parking - Upper Level

Building Area Legend

Parking - Lower Level

0' 8' 16' 32' 64'

Graphic Scale: 1 /16 inch = 1 foot

6/13/2019 11:56:03 AM

DATE
06/13/2019

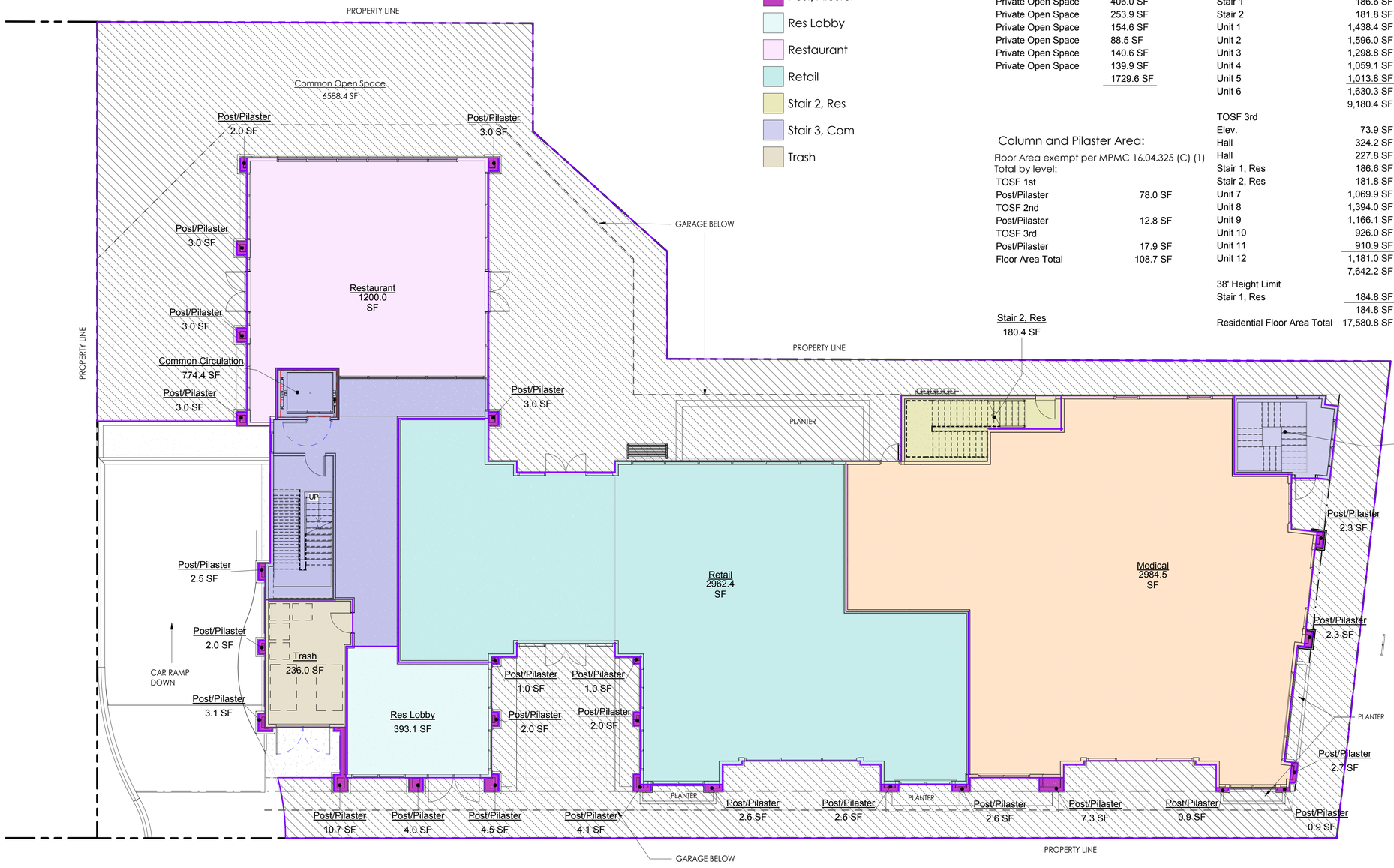
201 EL CAMINO REAL - 612 CAMBRIDGE AVE

MENLO PARK, CALIFORNIA 94025

SHEET TITLE
AREA PLAN - UNDERGROUND

SHEET NUMBER
A-1.2

ENVIRONMENTAL INNOVATIONS IN DESIGN
412 OLIVE AVE. PALO ALTO, CA 94306
PHONE: 650-226-8770 WWW.EIDARCHITECTS.COM
EID ARCHITECTS
ECO FUNCTIONAL ARCHITECTURE



Building Area Legend

- Common Circulation
- Common Open Space
- Medical
- Post/Pilaster
- Res Lobby
- Restaurant
- Retail
- Stair 2, Res
- Stair 3, Com
- Trash

Open Space Calulation:

TOSF 2nd	
Private Open Space	80.7 SF
Private Open Space	83.2 SF
Private Open Space	83.2 SF
Private Open Space	83.2 SF
Private Balcony	93.3 SF
Private Open Space	84.0 SF
Private Open Space	38.4 SF
TOSF 3rd	
Private Open Space	406.0 SF
Private Open Space	253.9 SF
Private Open Space	154.6 SF
Private Open Space	88.5 SF
Private Open Space	140.6 SF
Private Open Space	139.9 SF
	1729.6 SF

Column and Pilaster Area:

Floor Area exempt per MPMC 16.04.325 (C) (1)
Total by level:

TOSF 1st	
Post/Pilaster	78.0 SF
TOSF 2nd	
Post/Pilaster	12.8 SF
TOSF 3rd	
Post/Pilaster	17.9 SF
Floor Area Total	108.7 SF

Floor Area Calculation Residential Use Areas:

TOSF 1st	
Res Lobby	393.1 SF
Stair 2, Res	180.4 SF
	573.5 SF
TOSF 2nd	
Elev.	66.9 SF
Hall	387.5 SF
Hall	227.8 SF
Private Balcony	93.3 SF
Stair 1	186.6 SF
Stair 2	181.8 SF
Unit 1	1,438.4 SF
Unit 2	1,596.0 SF
Unit 3	1,298.8 SF
Unit 4	1,059.1 SF
Unit 5	1,013.8 SF
Unit 6	1,630.3 SF
	9,180.4 SF
TOSF 3rd	
Elev.	73.9 SF
Hall	324.2 SF
Hall	227.8 SF
Stair 1, Res	186.6 SF
Stair 2, Res	181.8 SF
Unit 7	1,069.9 SF
Unit 8	1,394.0 SF
Unit 9	1,166.1 SF
Unit 10	926.0 SF
Unit 11	910.9 SF
Unit 12	1,181.0 SF
	7,642.2 SF
38' Height Limit	
Stair 1, Res	184.8 SF
	184.8 SF
Residential Floor Area Total	17,580.8 SF

Floor Area Calculation Comercial Use Areas:

TOSF 1st	
Medical	2,984.5 SF
Stair 3, Com	176.8 SF
Restaurant	1,200.0 SF
Retail	2,962.4 SF
Commercial Floor Area Total	7,323.6 SF

Floor Area Calculation Common Areas:

Floor Area shaired by uses

TOSF 1st	
Common Circulation	774.4 SF
Common Floor Area Total	774.4 SF

1 TOSF 1st
1/8" = 1'-0"

0' 4' 8' 16' 32'

Graphic Scale: 1 /8 inch = 1 foot

6/13/2019 11:56:09 AM

DATE
06/13/2019

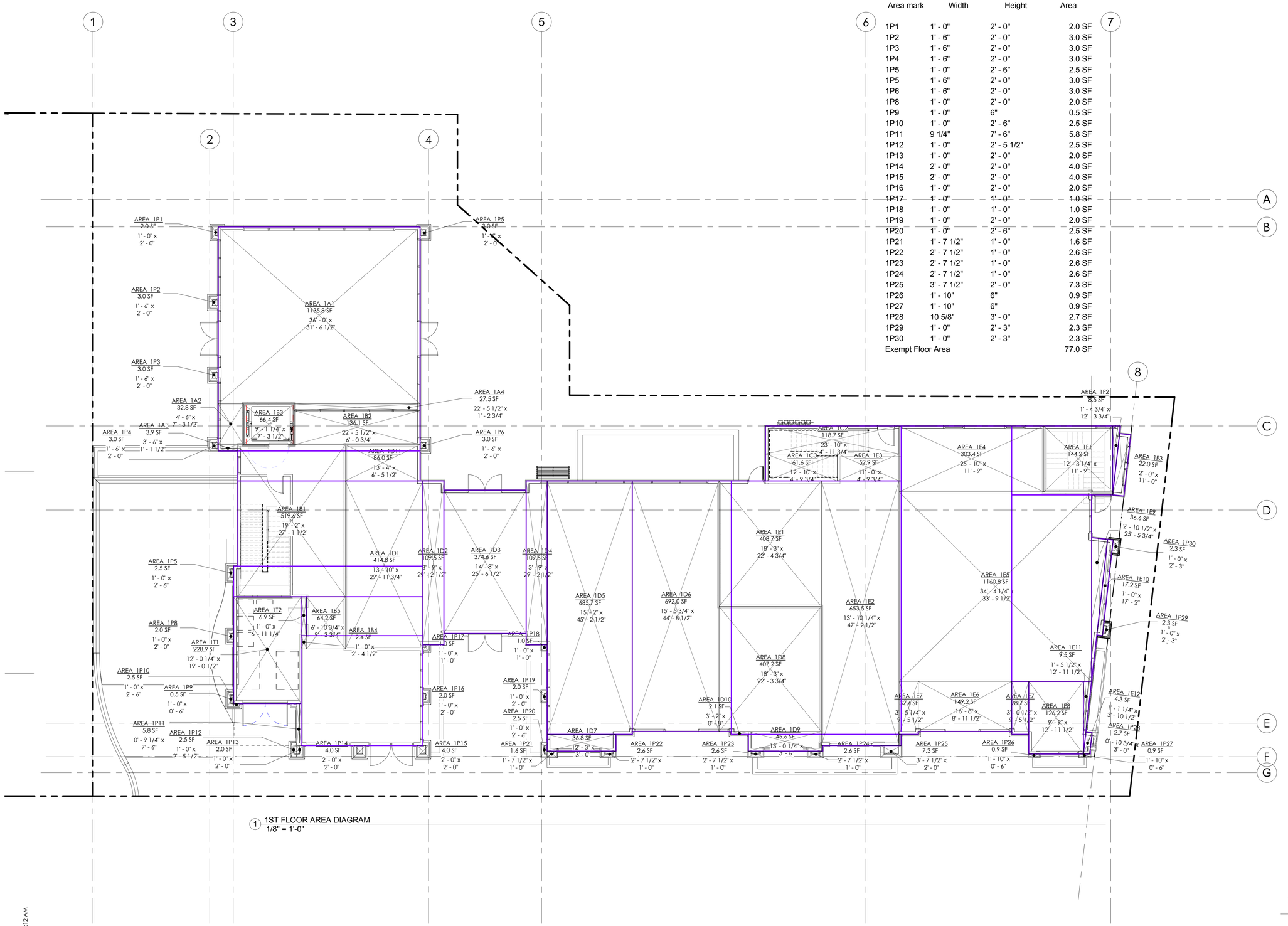
201 EL CAMINO REAL - 612 CAMBRIDGE AVE

MENLO PARK, CALIFORNIA 94025

SHEET TITLE
AREA PLAN - 1ST FLOOR

SHEET NUMBER
A-1.3

ENVIRONMENTAL INNOVATIONS IN DESIGN
412 OLIVE AVE. PALO ALTO, CA 94306
PHONE: 650-226-8770 WWW.EIDARCHITECTS.COM
EID ARCHITECTS
ECO FUNCTIONAL ARCHITECTURE



1 1ST FLOOR AREA DIAGRAM
1/8" = 1'-0"

1ST Floor Exempth Floor Area

Area mark	Width	Height	Area
1P1	1' - 0"	2' - 0"	2.0 SF
1P2	1' - 6"	2' - 0"	3.0 SF
1P3	1' - 6"	2' - 0"	3.0 SF
1P4	1' - 6"	2' - 0"	3.0 SF
1P5	1' - 0"	2' - 6"	2.5 SF
1P5	1' - 6"	2' - 0"	3.0 SF
1P6	1' - 6"	2' - 0"	3.0 SF
1P8	1' - 0"	2' - 0"	2.0 SF
1P9	1' - 0"	6"	0.5 SF
1P10	1' - 0"	2' - 6"	2.5 SF
1P11	9 1/4"	7' - 6"	5.8 SF
1P12	1' - 0"	2' - 5 1/2"	2.5 SF
1P13	1' - 0"	2' - 0"	2.0 SF
1P14	2' - 0"	2' - 0"	4.0 SF
1P15	2' - 0"	2' - 0"	4.0 SF
1P16	1' - 0"	2' - 0"	2.0 SF
1P17	1' - 0"	1' - 0"	1.0 SF
1P18	1' - 0"	1' - 0"	1.0 SF
1P19	1' - 0"	2' - 0"	2.0 SF
1P20	1' - 0"	2' - 6"	2.5 SF
1P21	1' - 7 1/2"	1' - 0"	1.6 SF
1P22	2' - 7 1/2"	1' - 0"	2.6 SF
1P23	2' - 7 1/2"	1' - 0"	2.6 SF
1P24	2' - 7 1/2"	1' - 0"	2.6 SF
1P25	3' - 7 1/2"	2' - 0"	7.3 SF
1P26	1' - 10"	6"	0.9 SF
1P27	1' - 10"	6"	0.9 SF
1P28	10 5/8"	3' - 0"	2.7 SF
1P29	1' - 0"	2' - 3"	2.3 SF
1P30	1' - 0"	2' - 3"	2.3 SF
Exempt Floor Area			77.0 SF

1ST Floor Restaurant

Area mark	Width	Height	Area
1A1	36' - 0"	31' - 6 5/8"	1,135.8 SF
1A2	4' - 6"	7' - 3 1/2"	32.8 SF
1A3	3' - 6"	1' - 1 3/8"	3.9 SF
1A4	22' - 5 3/8"	1' - 2 3/4"	27.5 SF
Restaurant FAR			1,200.1 SF

1ST Floor Retail

Area mark	Width	Height	Area
1D1	13' - 10"	29' - 11 3/4"	414.8 SF
1D2	3' - 9"	29' - 2 1/2"	109.5 SF
1D3	14' - 8"	25' - 6 1/2"	374.6 SF
1D4	3' - 9"	29' - 2 1/2"	109.5 SF
1D5	15' - 2"	45' - 2 1/2"	685.7 SF
1D6	15' - 5 3/4"	44' - 8 1/2"	692.0 SF
1D7	12' - 3"	3' - 0"	36.8 SF
1D8	18' - 3"	22' - 3 3/4"	407.2 SF
1D9	13' - 0 1/4"	3' - 6"	45.6 SF
1D10	3' - 2 1/8"	7 7/8"	2.1 SF
1D11	13' - 4"	6' - 5 3/8"	86.0 SF
Retail FAR			2,963.8 SF

1ST Floor Medical

Area mark	Width	Height	Area
1E1	18' - 3"	22' - 4 3/4"	408.7 SF
1E2	13' - 10 1/8"	47' - 2 1/2"	653.5 SF
1E3	11' - 0"	4' - 9 3/4"	52.9 SF
1E4	25' - 9 7/8"	11' - 9"	303.4 SF
1E5	34' - 4 1/8"	33' - 9 5/8"	1,160.8 SF
1E6	16' - 8"	8' - 11 3/8"	149.2 SF
1E7	3' - 0 1/2"	9' - 5 3/8"	28.7 SF
1E7	3' - 5 1/8"	9' - 5 3/8"	32.4 SF
1E8	9' - 9"	12' - 11 3/8"	126.2 SF
1E9	2' - 10 1/2"	25' - 5 3/4"	36.6 SF
1E10	1' - 0"	17' - 2"	17.2 SF
1E11	1' - 5 1/2"	12' - 11 3/8"	9.5 SF
1E12	1' - 1 3/8"	3' - 10 3/8"	4.3 SF
Medical FAR			2,983.5 SF

1ST Floor Common Circulation

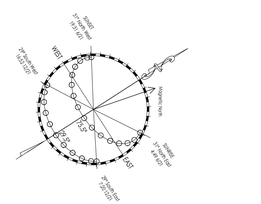
Area mark	Width	Height	Area
1B1	19' - 2"	27' - 1 3/8"	519.6 SF
1B2	22' - 5 3/8"	6' - 0 3/4"	136.1 SF
1B3	9' - 1 1/4"	7' - 3 1/2"	66.4 SF
1B4	1' - 0"	2' - 4 1/2"	2.4 SF
1B5	6' - 10 3/4"	9' - 3 3/4"	64.2 SF
Commmon Circulation FAR			788.8 SF

1ST Floor Parking

Area mark	Width	Height	Area
1F1	12' - 3 1/4"	11' - 9"	144.2 SF
1F2	1' - 4 5/8"	12' - 3 5/8"	8.5 SF
1F3	2' - 0"	11' - 0"	22.0 SF
Parking FAR			174.7 SF

1ST Floor Trash

Area mark	Width	Height	Area
1T1	12' - 0 1/4"	19' - 0 1/2"	228.9 SF
1T2	1' - 0"	6' - 11 1/4"	6.9 SF
Trash Floor Area			235.8 SF



0' 4' 8' 16' 32'

Graphic Scale: 1 /8 inch = 1 foot

6/13/2019 11:56:12 AM

DATE
06/13/2019

201 EL CAMINO REAL - 612 CAMBRIDGE AVE

MENLO PARK, CALIFORNIA 94025

SHEET TITLE
AREA POLYGON DIAGRAM - 1ST FLOOR

SHEET NUMBER
A-1.3a

ENVIRONMENTAL INNOVATIONS IN DESIGN
412 OLIVE AVE. PALO ALTO, CA 94306
PHONE: 650-226-8770 WWW.EIDARCHITECTS.COM
EID ARCHITECTS
ECO FUNCTIONAL ARCHITECTURE

Building Area Legend

- Elev.
- Hall
- Post/Pilaster
- Private Balcony
- Private Open Space
- Stair 1
- Stair 2
- Unit 1
- Unit 2
- Unit 3
- Unit 4
- Unit 5
- Unit 6

Open Space Calulation:

TOSF 2nd	
Private Open Space	80.7 SF
Private Open Space	83.2 SF
Private Open Space	83.2 SF
Private Open Space	83.2 SF
Private Balcony	93.3 SF
Private Open Space	84.0 SF
Private Open Space	38.4 SF
TOSF 3rd	
Private Open Space	406.0 SF
Private Open Space	253.9 SF
Private Open Space	154.6 SF
Private Open Space	88.5 SF
Private Open Space	140.6 SF
Private Open Space	139.9 SF
	1729.6 SF

Column and Pilaster Area:

Floor Area exempt per MPMC 16.04.325 (C) (1)

Total by level:	
TOSF 1st	
Post/Pilaster	78.0 SF
TOSF 2nd	
Post/Pilaster	12.8 SF
TOSF 3rd	
Post/Pilaster	17.9 SF
Floor Area Total	108.7 SF

Floor Area Calculation Residential Use Areas:

TOSF 1st	
Res Lobby	393.1 SF
Stair 2, Res	180.4 SF
	573.5 SF
TOSF 2nd	
Elev.	66.9 SF
Hall	387.5 SF
Hall	227.8 SF
Private Balcony	93.3 SF
Stair 1	186.6 SF
Stair 2	181.8 SF
Unit 1	1,438.4 SF
Unit 2	1,596.0 SF
Unit 3	1,298.8 SF
Unit 4	1,059.1 SF
Unit 5	1,013.8 SF
Unit 6	1,630.3 SF
	9,180.4 SF
TOSF 3rd	
Elev.	73.9 SF
Hall	324.2 SF
Hall	227.8 SF
Stair 1, Res	186.6 SF
Stair 2, Res	181.8 SF
Unit 7	1,069.9 SF
Unit 8	1,394.0 SF
Unit 9	1,166.1 SF
Unit 10	926.0 SF
Unit 11	910.9 SF
Unit 12	1,181.0 SF
	7,642.2 SF
38' Height Limit	
Stair 1, Res	184.8 SF
	184.8 SF
Residential Floor Area Total	17,580.8 SF

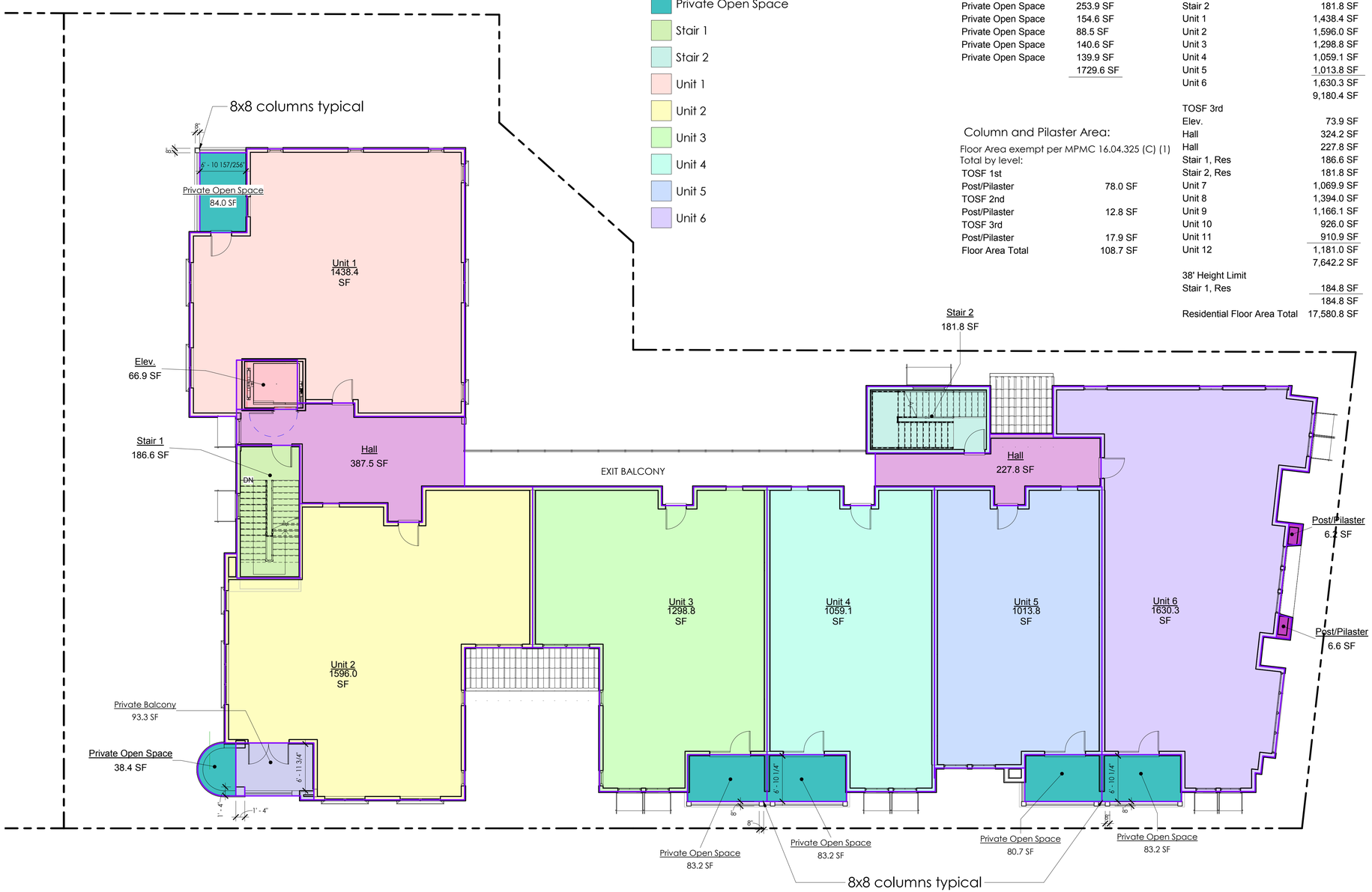
Floor Area Calculation Comercial Use Areas:

TOSF 1st	
Medical	2,984.5 SF
Stair 3, Com	176.8 SF
Restaurant	1,200.0 SF
Retail	2,962.4 SF
Commercial Floor Area Total	7,323.6 SF

Floor Area Calculation Common Areas:

Floor Area shaired by uses

TOSF 1st	
Common Circulation	774.4 SF
Common Floor Area Total	774.4 SF



1 TOSF 2nd
1/8" = 1'-0"

0' 4' 8' 16' 32'

Graphic Scale: 1 /8 inch = 1 foot

6/13/2019 11:56:19 AM

DATE
06/13/2019

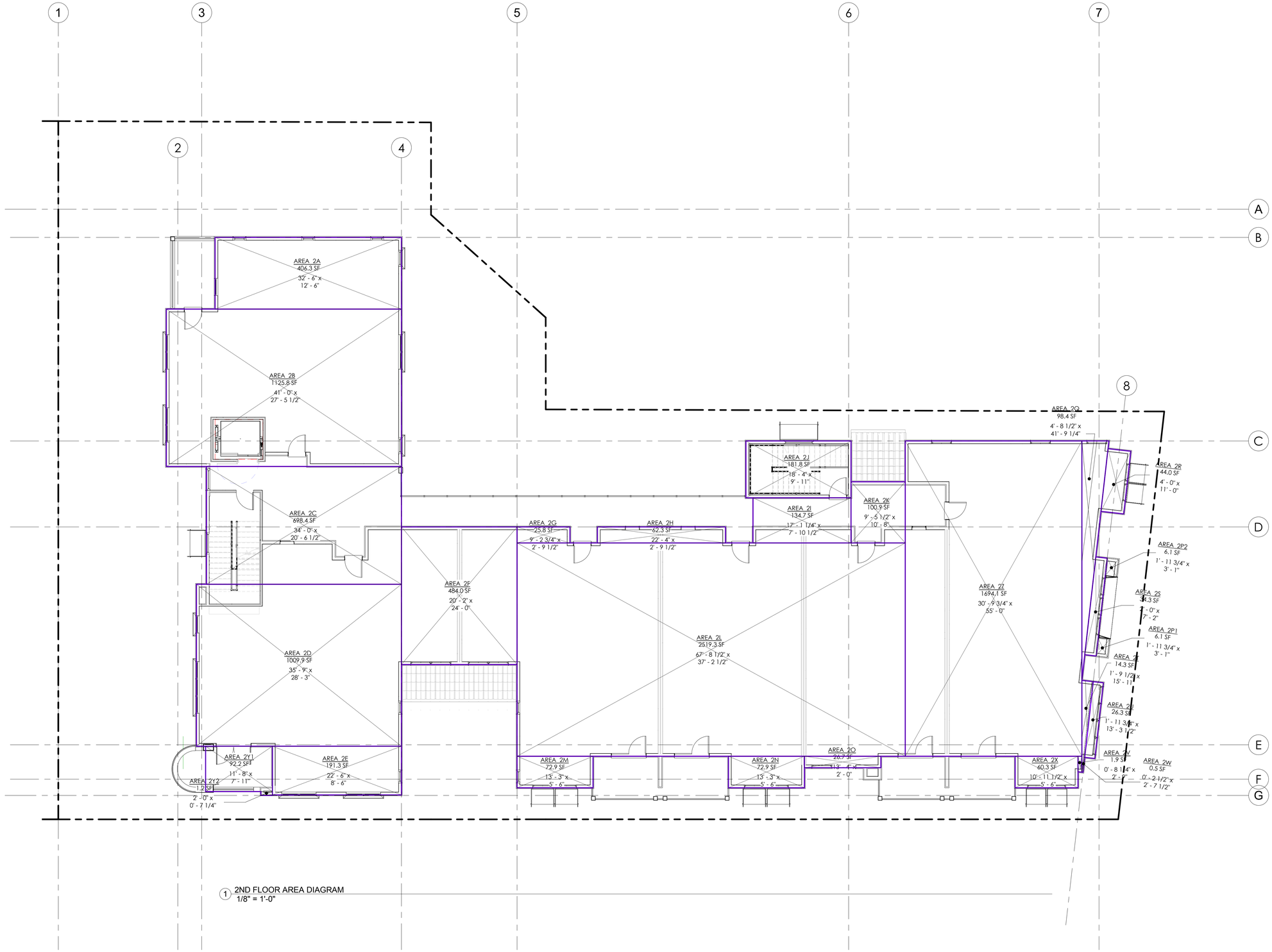
201 EL CAMINO REAL - 612 CAMBRIDGE AVE

MENLO PARK, CALIFORNIA 94025

SHEET TITLE
AREA PLAN - 2ND FLOOR

SHEET NUMBER
A-1.4

ENVIRONMENTAL INNOVATIONS IN DESIGN
412 OLIVE AVE. PALO ALTO, CA 94306
PHONE: 650-226-8770 WWW.EIDARCHITECTS.COM
EID ARCHITECTS
ECO FUNCTIONAL ARCHITECTURE



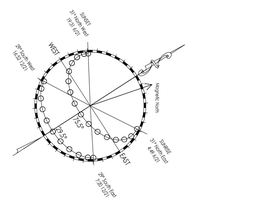
1 2ND FLOOR AREA DIAGRAM
1/8" = 1'-0"

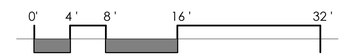
2ND Floor Residential

Area mark	Width	Height	Area
2A	32' - 6"	12' - 6"	406.3 SF
2B	41' - 0"	27' - 5 1/2"	1,125.8 SF
2C	34' - 0"	20' - 6 1/2"	698.4 SF
2D	35' - 9"	28' - 3"	1,009.9 SF
2E	22' - 6"	8' - 6"	191.3 SF
2F	20' - 2"	24' - 0"	484.0 SF
2G	9' - 2 3/4"	2' - 9 1/2"	25.8 SF
2H	22' - 4"	2' - 9 1/2"	62.3 SF
2I	17' - 1 1/4"	7' - 10 1/2"	134.7 SF
2J	18' - 4"	9' - 11"	181.8 SF
2K	9' - 5 1/2"	10' - 8"	100.9 SF
2L	67' - 8 1/2"	37' - 2 1/2"	2,519.3 SF
2M	13' - 3"	5' - 6"	72.9 SF
2N	13' - 3"	5' - 6"	72.9 SF
2O	13' - 4"	2' - 0"	26.7 SF
2Q	4' - 8 1/2"	41' - 9 1/8"	98.4 SF
2R	4' - 0"	11' - 0"	44.0 SF
2S	2' - 0"	17' - 2"	34.3 SF
2T	1' - 9 1/2"	15' - 11"	14.3 SF
2U	1' - 11 3/4"	13' - 3 1/2"	26.3 SF
2V	8 1/8"	2' - 8 7/8"	1.9 SF
2W	2 1/2"	2' - 7 1/2"	0.5 SF
2X	10' - 11 1/2"	5' - 6"	60.3 SF
2Y1	11' - 7 7/8"	7' - 10 7/8"	92.2 SF
2Y2	2' - 0"	7 1/8"	1.2 SF
2Z	30' - 9 5/8"	55' - 0"	1,694.1 SF
Residential FAR			9,180.3 SF

2ND Floor Exempt Floor Area

Area mark	Width	Height	Area
2P1	1' - 11 5/8"	3' - 1 1/8"	6.1 SF
2P2	1' - 11 5/8"	3' - 1 1/8"	6.1 SF
Exempt Floor Area			12.2 SF





Graphic Scale: 1 /8 inch = 1 foot

6/13/2019 11:56:21 AM

DATE
06/13/2019

201 EL CAMINO REAL - 612 CAMBRIDGE AVE

MENLO PARK, CALIFORNIA 94025

SHEET TITLE
AREA POLYGON DIAGRAM - 2ND FLOOR

SHEET NUMBER
A-1.4a

ENVIRONMENTAL INNOVATIONS IN DESIGN
412 OLIVE AVE. PALO ALTO, CA 94306
PHONE: 650-226-8770 WWW.EIDARCHITECTS.COM
EID ARCHITECTS
ECO FUNCTIONAL ARCHITECTURE

Building Area Legend

- Elev.
- Hall
- Post/Pilaster
- Private Open Space
- Stair 1, Res
- Stair 2, Res
- Unit 7
- Unit 8
- Unit 9
- Unit 10
- Unit 11
- Unit 12

Open Space Calulation:

TOSF 2nd	
Private Open Space	80.7 SF
Private Open Space	83.2 SF
Private Open Space	83.2 SF
Private Open Space	83.2 SF
Private Balcony	93.3 SF
Private Open Space	84.0 SF
Private Open Space	38.4 SF
TOSF 3rd	
Private Open Space	406.0 SF
Private Open Space	253.9 SF
Private Open Space	154.6 SF
Private Open Space	88.5 SF
Private Open Space	140.6 SF
Private Open Space	139.9 SF
	1729.6 SF

Column and Pilaster Area:

Floor Area exempt per MPMC 16.04.325 (C) (1)
Total by level:

TOSF 1st	
Post/Pilaster	78.0 SF
TOSF 2nd	
Post/Pilaster	12.8 SF
TOSF 3rd	
Post/Pilaster	17.9 SF
Floor Area Total	108.7 SF

Floor Area Calculation Residential Use Areas:

TOSF 1st	
Res Lobby	393.1 SF
Stair 2, Res	180.4 SF
	573.5 SF
TOSF 2nd	
Elev.	66.9 SF
Hall	387.5 SF
Hall	227.8 SF
Private Balcony	93.3 SF
Stair 1	186.6 SF
Stair 2	181.8 SF
Unit 1	1,438.4 SF
Unit 2	1,596.0 SF
Unit 3	1,298.8 SF
Unit 4	1,059.1 SF
Unit 5	1,013.8 SF
Unit 6	1,630.3 SF
	9,180.4 SF
TOSF 3rd	
Elev.	73.9 SF
Hall	324.2 SF
Hall	227.8 SF
Stair 1, Res	186.6 SF
Stair 2, Res	181.8 SF
Unit 7	1,069.9 SF
Unit 8	1,394.0 SF
Unit 9	1,166.1 SF
Unit 10	926.0 SF
Unit 11	910.9 SF
Unit 12	1,181.0 SF
	7,642.2 SF
38' Height Limit	
Stair 1, Res	184.8 SF
	184.8 SF
Residential Floor Area Total	17,580.8 SF

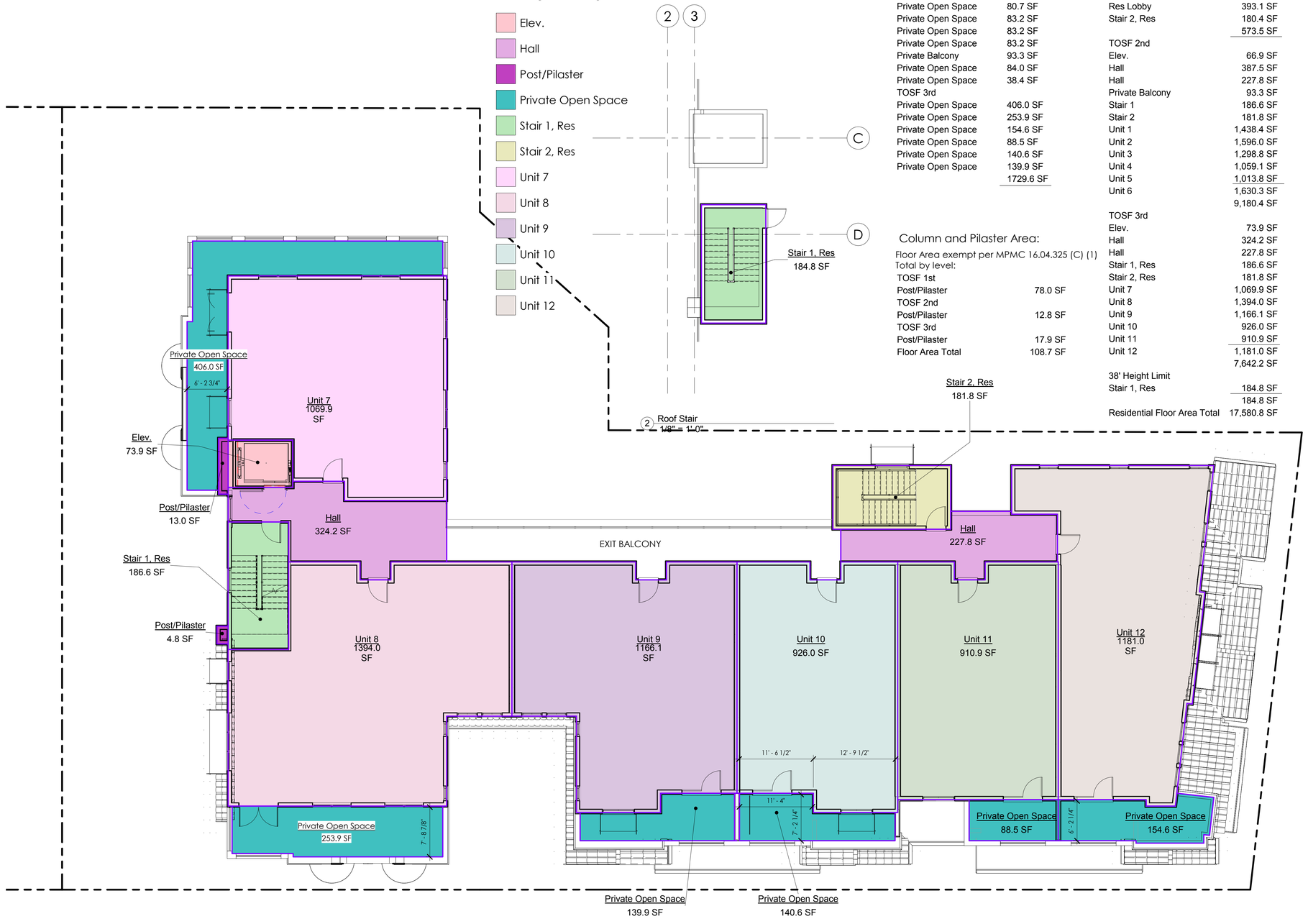
Floor Area Calculation Comercial Use Areas:

TOSF 1st	
Medical	2,984.5 SF
Stair 3, Com	176.8 SF
Restaurant	1,200.0 SF
Retail	2,962.4 SF
Commercial Floor Area Total	7,323.6 SF

Floor Area Calculation Common Areas:

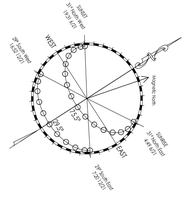
Floor Area shaired by uses

TOSF 1st	
Common Circulation	774.4 SF
Common Floor Area Total	774.4 SF



2 Roof Stair
1/8" = 1'-0"

1 TOSF 3rd
1/8" = 1'-0"



0' 4' 8' 16' 32'

Graphic Scale: 1 /8 inch = 1 foot

6/13/2019 11:56:41 AM

DATE 06/13/2019

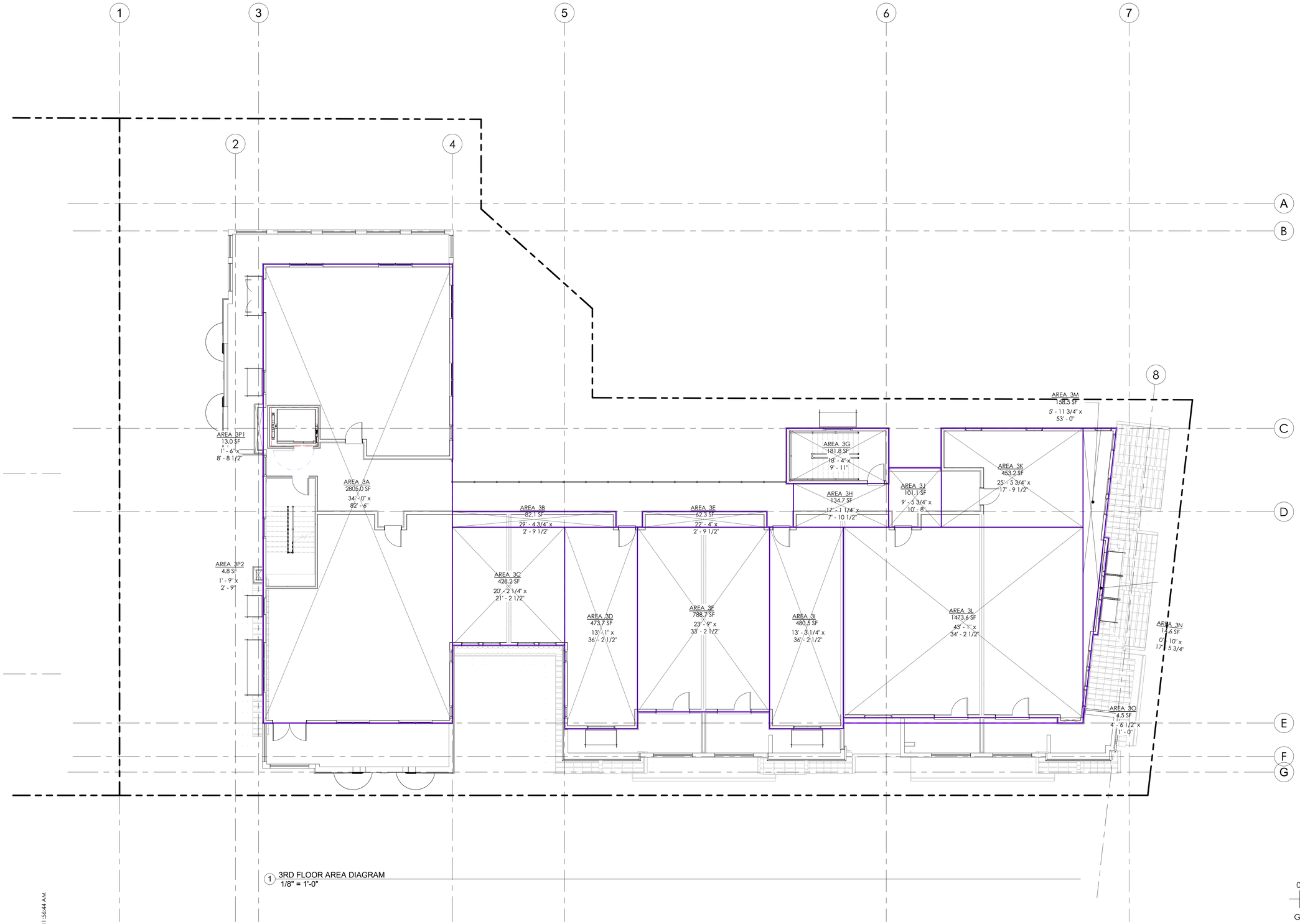
201 EL CAMINO REAL - 612 CAMBRIDGE AVE

MENLO PARK, CALIFORNIA 94025

SHEET TITLE: AREA PLAN - 3RD FLOOR

SHEET NUMBER: A-1.5

ENVIRONMENTAL INNOVATIONS IN DESIGN
412 OLIVE AVE. PALO ALTO, CA 94306
PHONE: 650-226-8770 WWW.EIDARCHITECTS.COM
EID ARCHITECTS
ECO FUNCTIONAL ARCHITECTURE



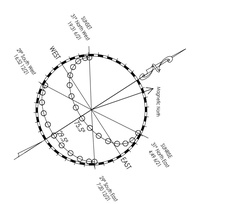
1 3RD FLOOR AREA DIAGRAM
1/8" = 1'-0"

3RD Floor Residential

Area mark	Width	Height	Area
3A	34' - 0"	82' - 6"	2,805.0 SF
3B	29' - 4 3/4"	2' - 9 1/2"	82.1 SF
3C	20' - 2 1/4"	21' - 2 1/2"	428.2 SF
3D	13' - 1"	36' - 2 1/2"	473.7 SF
3E	22' - 4"	2' - 9 1/2"	62.3 SF
3F	23' - 9"	33' - 2 1/2"	788.7 SF
3G	18' - 4"	9' - 11"	181.8 SF
3H	17' - 1 1/4"	7' - 10 1/2"	134.7 SF
3I	13' - 3 1/4"	36' - 2 1/2"	480.5 SF
3J	9' - 5 3/4"	10' - 8"	101.1 SF
3K	25' - 5 5/8"	17' - 9 1/2"	453.2 SF
3L	43' - 0 7/8"	34' - 2 1/2"	1,473.6 SF
3M	5' - 11 3/4"	53' - 0"	158.5 SF
3N	10"	17' - 5 3/4"	14.6 SF
3O	4' - 6 3/8"	1' - 0"	4.5 SF
Residential FAR			7,642.5 SF

3RD Floor Exempth Floor Area

Area mark	Width	Height	Area
3P1	1' - 6"	8' - 8 3/8"	13.0 SF
3P2	1' - 9"	2' - 9 1/8"	4.8 SF
Exempt Floor Area			17.9 SF



0' 4' 8' 16' 32'

Graphic Scale: 1 /8 inch = 1 foot

6/13/2019 11:56:44 AM

DATE
06/13/2019

201 EL CAMINO REAL - 612 CAMBRIDGE AVE

MENLO PARK, CALIFORNIA 94025

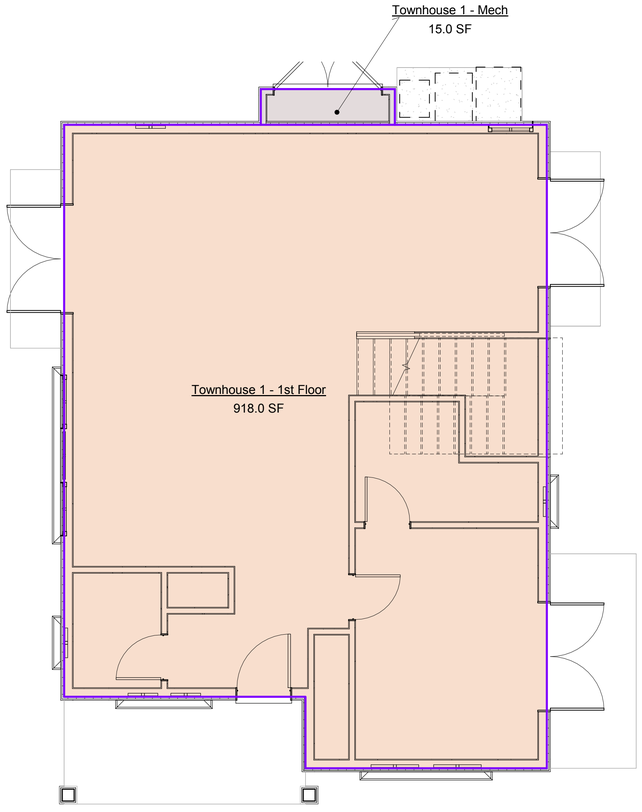
SHEET TITLE
AREA POLYGON DIAGRAM - 3RD FLOOR

SHEET NUMBER
A-1.5a

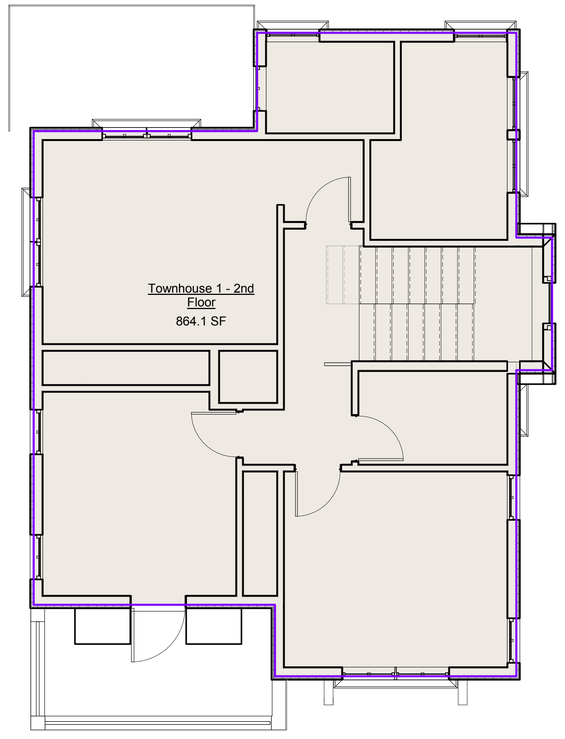
ENVIRONMENTAL INNOVATIONS IN DESIGN
412 OLIVE AVE. PALO ALTO, CA 94306
PHONE: 650-226-8770 WWW.EIDARCHITECTS.COM
EID ARCHITECTS
ECO FUNCTIONAL ARCHITECTURE

612 Cambridge
Floor Area Calculation:

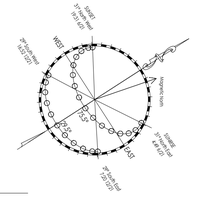
Townhouse 1		
TOSF 1st	918 SF	Townhouse 1
TOSF 2nd	864 SF	Townhouse 1
	1,782 SF	
Townhouse 2		
TOSF 1st	918 SF	Townhouse 2
TOSF 2nd	865 SF	Townhouse 2
	1,783 SF	
Floor Area Total	3,565 SF	

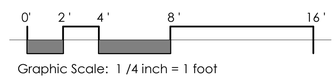


1 TOWNHOUSE 1ST FLOOR
1/4" = 1'-0"



2 TOWNHOUSE 2ND FLOOR
1/4" = 1'-0"





Graphic Scale: 1 /4 inch = 1 foot

6/13/2019 11:56:44 AM

DATE
06/13/2019

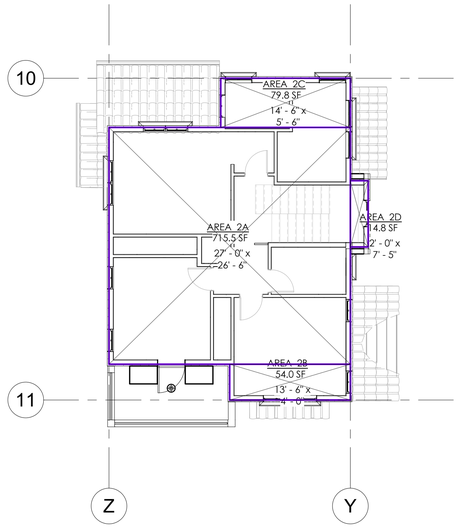
201 EL CAMINO REAL - 612 CAMBRIDGE AVE

MENLO PARK, CALIFORNIA 94025

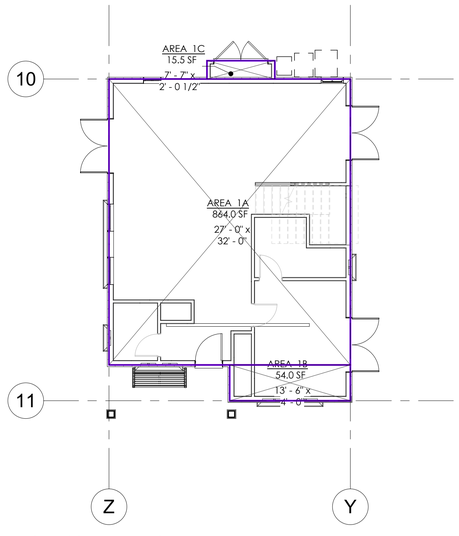
SHEET TITLE
AREA PLAN TOWNHOUSE

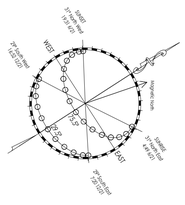
SHEET NUMBER
A-1.6

ENVIRONMENTAL INNOVATIONS IN DESIGN
412 OLIVE AVE. PALO ALTO, CA 94306
PHONE: 650-226-8770 WWW.EIDARCHITECTS.COM
EID ARCHITECTS
ECO FUNCTIONAL ARCHITECTURE



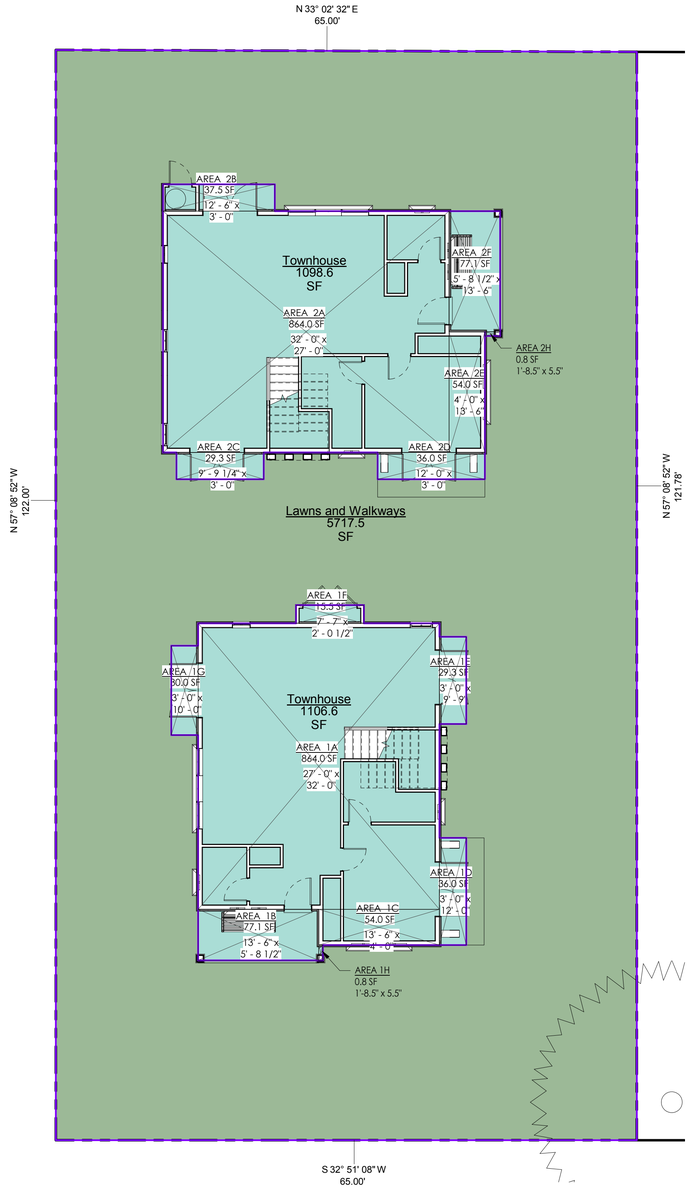
2 2ND FLOOR AREA DIAGRAM
1/8" = 1'-0"





1 1ST FLOOR AREA DIAGRAM
1/8" = 1'-0"

Townhouse Schedule - Area			
Area mark	Width	Height	Area
1A	27' - 0"	32' - 0"	864.0 SF
1B	13' - 6"	4' - 0"	54.0 SF
1C	7' - 7"	2' - 0 1/2"	15.5 SF
FAR-Townhouse 1st Fl.			933.5 SF
2A	27' - 0"	26' - 6"	715.5 SF
2B	13' - 6"	4' - 0"	54.0 SF
2C	14' - 6"	5' - 6"	79.8 SF
2D	2' - 0"	7' - 5"	14.8 SF
FAR-Townhouse 2nd Fl.			864.1 SF
Grand total			1,797.6 SF



3 OPEN SPACE/ LOT COVERAGE DIAGRAM
1/8" = 1'-0"

Schema 1 Legend

- Lawns and Walkways
- Townhouse

612 Cambridge Lot area: 7,923 s.f.

Area Schedule (Lot Coverage)

Name	Comments	Area	Percent
Lawns and Walkways	Open Space	5717.5 SF	72.2%
Townhouse	Building Coverage	2205.2 SF	27.8%

Townhouse Schedule - Coverage			
Area mark	Width	Height	Area
1A	27' - 0"	32' - 0"	864.0 SF
1B	13' - 6"	5' - 8 1/2"	77.1 SF
1C	13' - 6"	4' - 0"	54.0 SF
1D	3' - 0"	12' - 0"	36.0 SF
1E	3' - 0"	9' - 9 1/8"	29.3 SF
1F	7' - 7"	2' - 0 1/2"	15.5 SF
1G	3' - 0"	10' - 0"	30.0 SF
1H	5 1/2"	1' - 8 1/2"	0.8 SF
Coverage-Townhouse 1 1st Fl.			1,106.6 SF
2A	32' - 0"	27' - 0"	864.0 SF
2B	12' - 6"	3' - 0"	37.5 SF
2C	9' - 9 1/8"	3' - 0"	29.3 SF
2D	12' - 0"	3' - 0"	36.0 SF
2E	4' - 0"	13' - 6"	54.0 SF
2F	5' - 8 1/2"	13' - 6"	77.1 SF
2H	1' - 8 1/2"	5 1/2"	0.8 SF
Coverage-Townhouse 2 1st Fl.			1,098.6 SF
Grand total			2,205.3 SF

0' 2' 4' 8' 16'

Graphic Scale: 1 /4 inch = 1 foot

6/13/2019 11:56:46 AM

DATE
06/13/2019

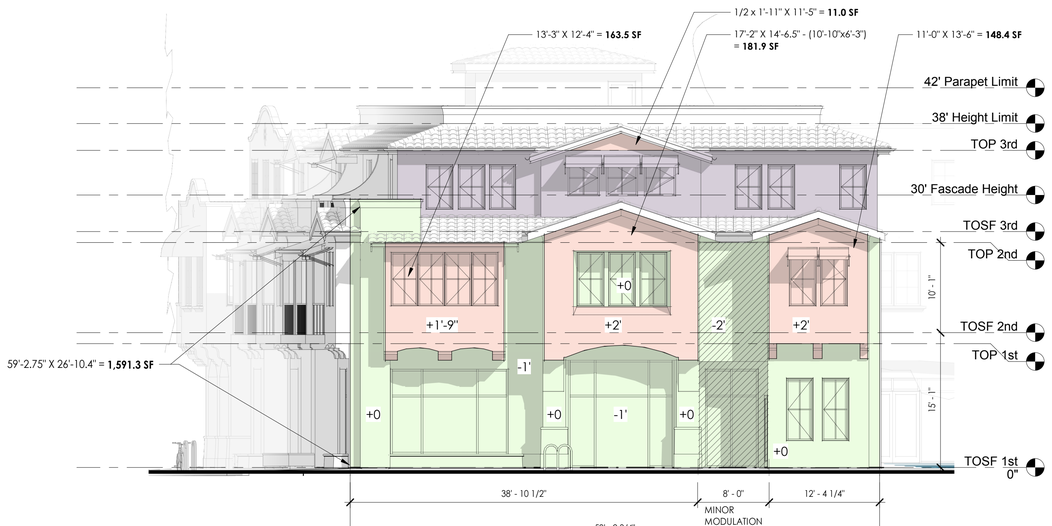
201 EL CAMINO REAL - 612 CAMBRIDGE AVE

MENLO PARK, CALIFORNIA 94025

SHEET TITLE
AREA POLYGON DIAGRAM - TOWNHOUSE

SHEET NUMBER
A-1.6a

ENVIRONMENTAL INNOVATIONS IN DESIGN
412 OLIVE AVE. PALO ALTO, CA 94306
PHONE: 650-226-8770 WWW.EIDARCHITECTS.COM
EID ARCHITECTS
ECO FUNCTIONAL ARCHITECTURE



1 EL CAMINO FACADE MODULATION
1/8" = 1'-0"

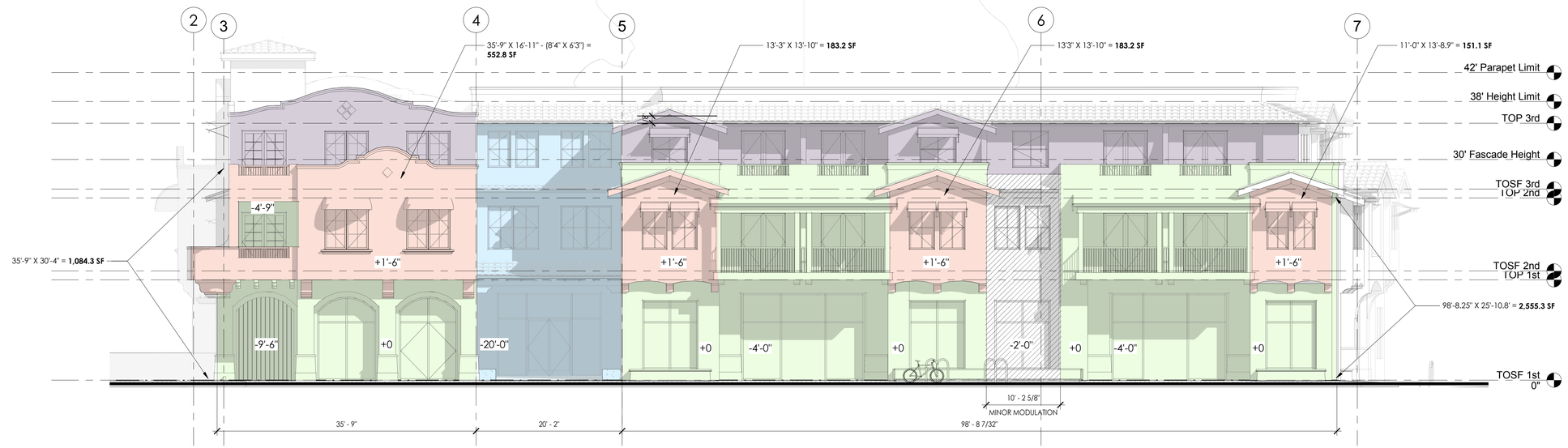
PRIMARY FACADE — WALL AREA = 1,591.3 SF

MINOR BUILDING FACADE MODULATION

FACADE PROJECTIONS — WALL AREA = 504.8 SF (163.5+181.9+148.4+11.0)

THIRD FLOOR SETBACKS — PERCENT OF PRIMARY FACADE = 504.8 / 1,591.3 = **31.7 %**

PARAPET BEYOND



PRIMARY FACADE — WALL AREA = **3,639.6 SF** (2,555.3 + 1,084.3)

MINOR BUILDING FACADE MODULATION

FACADE PROJECTIONS — WALL AREA = **1,070.3 SF** (552.8 + 183.2 + 183.2 + 151.1)

THIRD FLOOR SETBACKS — PERCENT OF PRIMARY FACADE = **29.4%** (1,070.3 / 3,639.6)

BUILDING BREAKS

PARAPET BEYOND

4 CAMBRIDGE FACADE MODULATION
1/8" = 1'-0"

6/13/2019 11:57:19 AM

DATE
06/13/2019

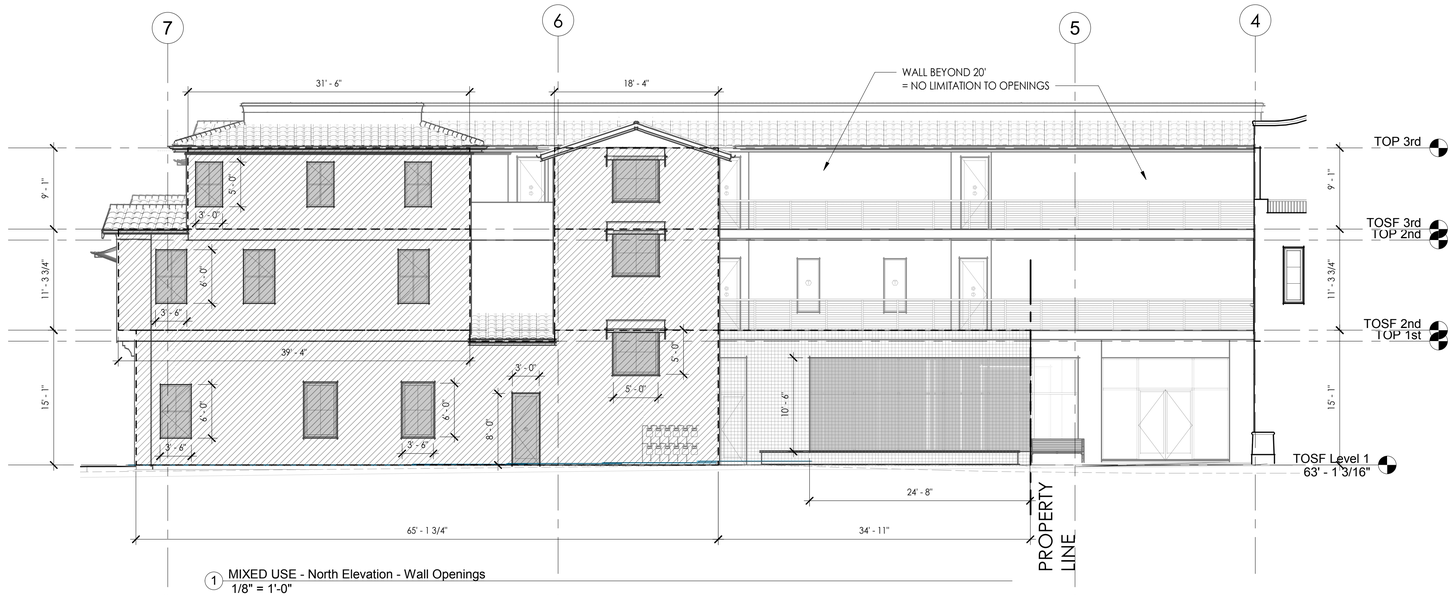
201 EL CAMINO REAL - 612 CAMBRIDGE AVE

MENLO PARK, CALIFORNIA 94025

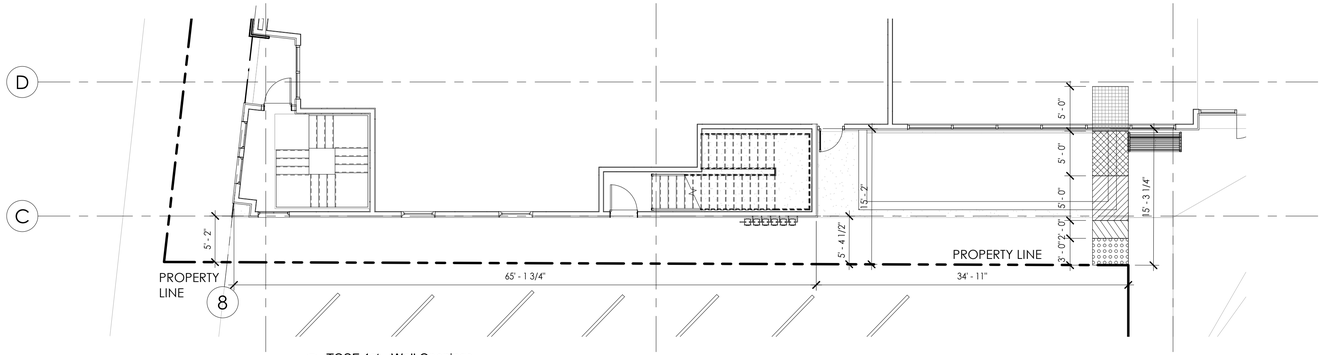
SHEET TITLE
BUILDING FACADE MODULATIONS

SHEET NUMBER
A-1.7

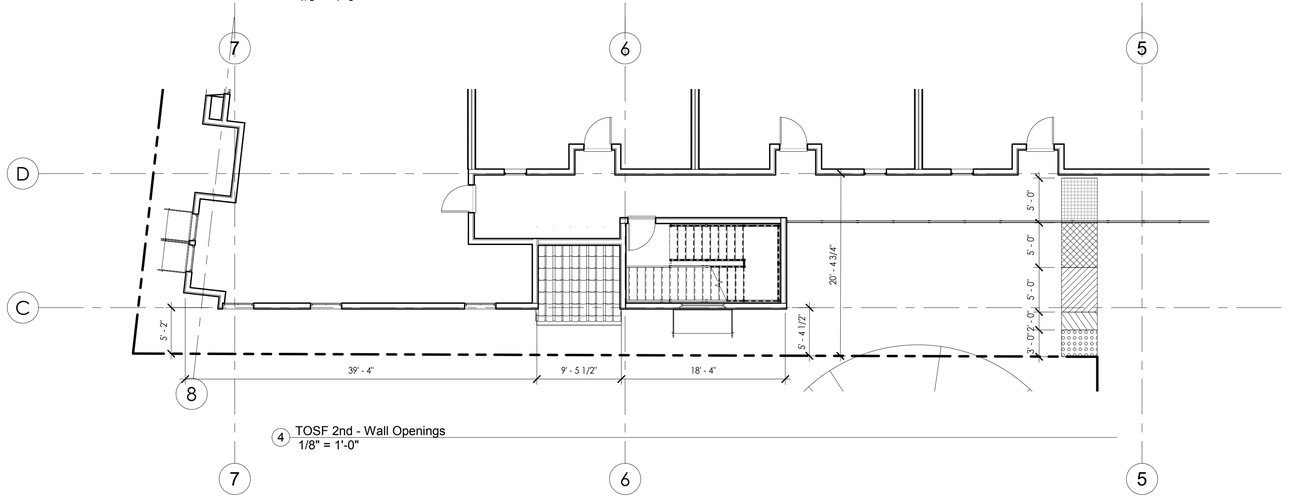
ENVIRONMENTAL INNOVATIONS IN DESIGN
412 OLIVE AVE. PALO ALTO, CA 94306
PHONE: 650-226-8770 WWW.EIDARCHITECTS.COM
EID ARCHITECTS
ECO FUNCTIONAL ARCHITECTURE



1 MIXED USE - North Elevation - Wall Openings
1/8" = 1'-0"



2 TOSF 1st - Wall Openings
1/8" = 1'-0"



4 TOSF 2nd - Wall Openings
1/8" = 1'-0"

AREA OF EXTERIOR WALL OPENINGS:

UNPROTECTED SPRINKLERED OPEN AREAS, PER TABLE 705.8

NORTH ELEVATION

	FIRST FLOOR	SECOND FLOOR	THIRD FLOOR
WALLS BETWEEN 0' - 3' FROM PROPERTY LINE = NO OPENINGS PERMITTED	WALL AREA = 0 SF OPENING AREA = 0 SF PERCENT = 0 %	WALL AREA = 0 SF OPENING AREA = 0 SF PERCENT = 0 %	WALL AREA = 0 SF OPENING AREA = 0 SF PERCENT = 0 %
WALLS BETWEEN 3' - 5' FROM PROPERTY LINE = 15% OPENINGS PERMITTED	WALL AREA = 0 SF OPENING AREA = 0 SF PERCENT = 0 %	WALL AREA = 0 SF OPENING AREA = 0 SF PERCENT = 0 %	WALL AREA = 0 SF OPENING AREA = 0 SF PERCENT = 0 %
WALLS BETWEEN 5' - 10' FROM PROPERTY LINE = 25% OPENINGS PERMITTED	WALL AREA = 971 SF OPENING AREA = 112 SF PERCENT = 11.5 %	WALL AREA = 652 SF OPENING AREA = 88 SF PERCENT = 13.5 %	WALL AREA = 453 SF OPENING AREA = 70 SF PERCENT = 15.5 %
WALLS BETWEEN 10' - 15' FROM PROPERTY LINE = 45% OPENINGS PERMITTED	WALL AREA = 0 SF OPENING AREA = 0 SF PERCENT = 0 %	WALL AREA = 0 SF OPENING AREA = 0 SF PERCENT = 0 %	WALL AREA = 0 SF OPENING AREA = 0 SF PERCENT = 0 %
WALLS BETWEEN 15' - 20' FROM PROPERTY LINE = 75% OPENINGS PERMITTED	WALL AREA = 526 SF OPENING AREA = 259 SF PERCENT = 49.2 %	WALL AREA = 0 SF OPENING AREA = 0 SF PERCENT = 0 %	WALL AREA = 0 SF OPENING AREA = 0 SF PERCENT = 0 %

WALLS GREATER THAN 20'
= NO LIMIT OF OPENINGS

6/13/2019 11:57:29 AM

DATE
06/13/2019

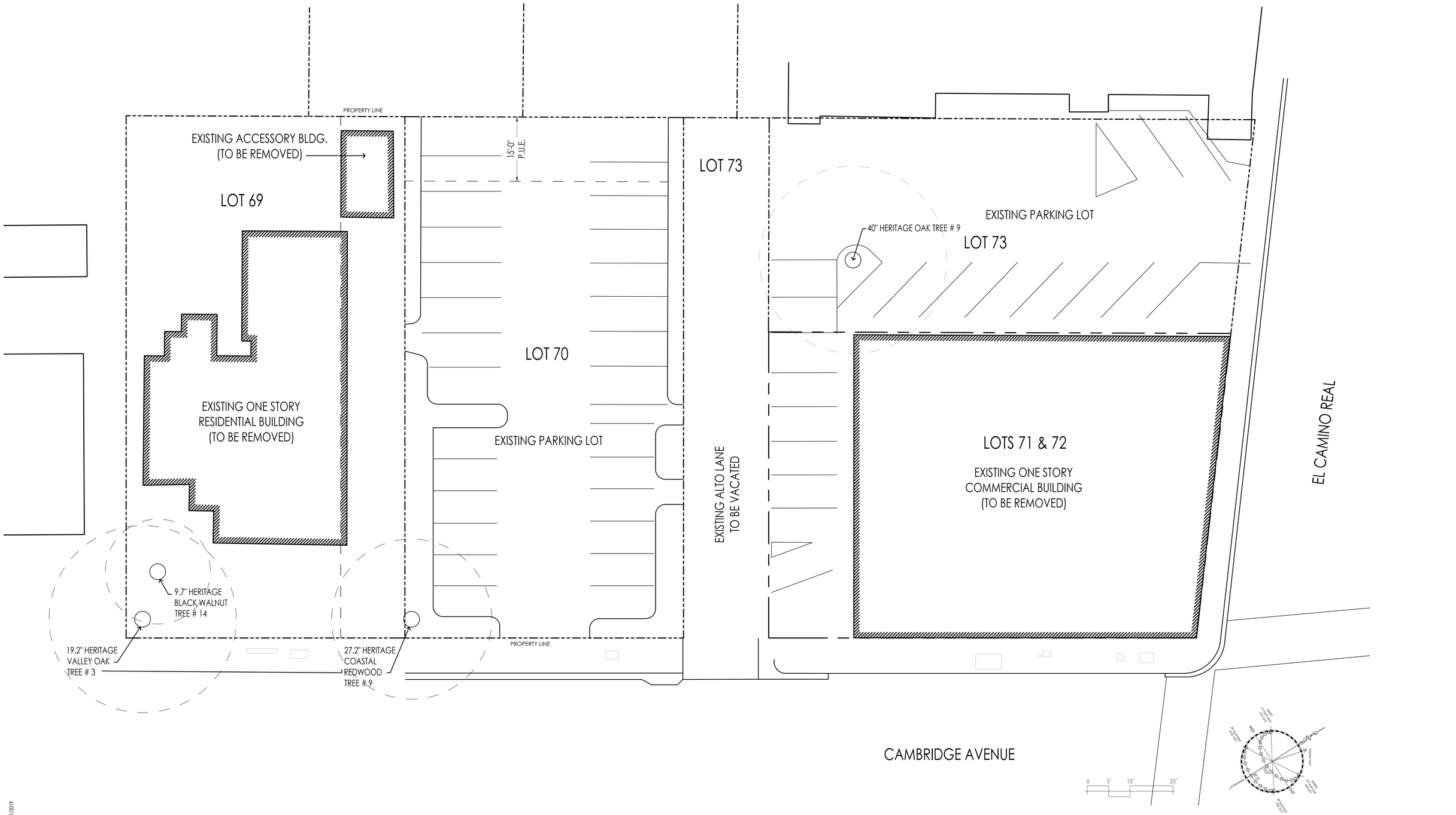
201 EL CAMINO REAL - 612 CAMBRIDGE AVE

MENLO PARK, CALIFORNIA 94025

SHEET TITLE
FIRE ANALYSIS - UNPROTECTED OPENINGS

SHEET NUMBER
A-1.8

ENVIRONMENTAL INNOVATIONS IN DESIGN
412 OLIVE AVE. PALO ALTO, CA 94306
PHONE: 650-226-8770 WWW.EIDARCHITECTS.COM
EID ARCHITECTS
ECO FUNCTIONAL ARCHITECTURE



PRINT DATE: 1/31/2019

DATE
06/13/2019

201 EL CAMINO REAL - 612 CAMBRIDGE AVE

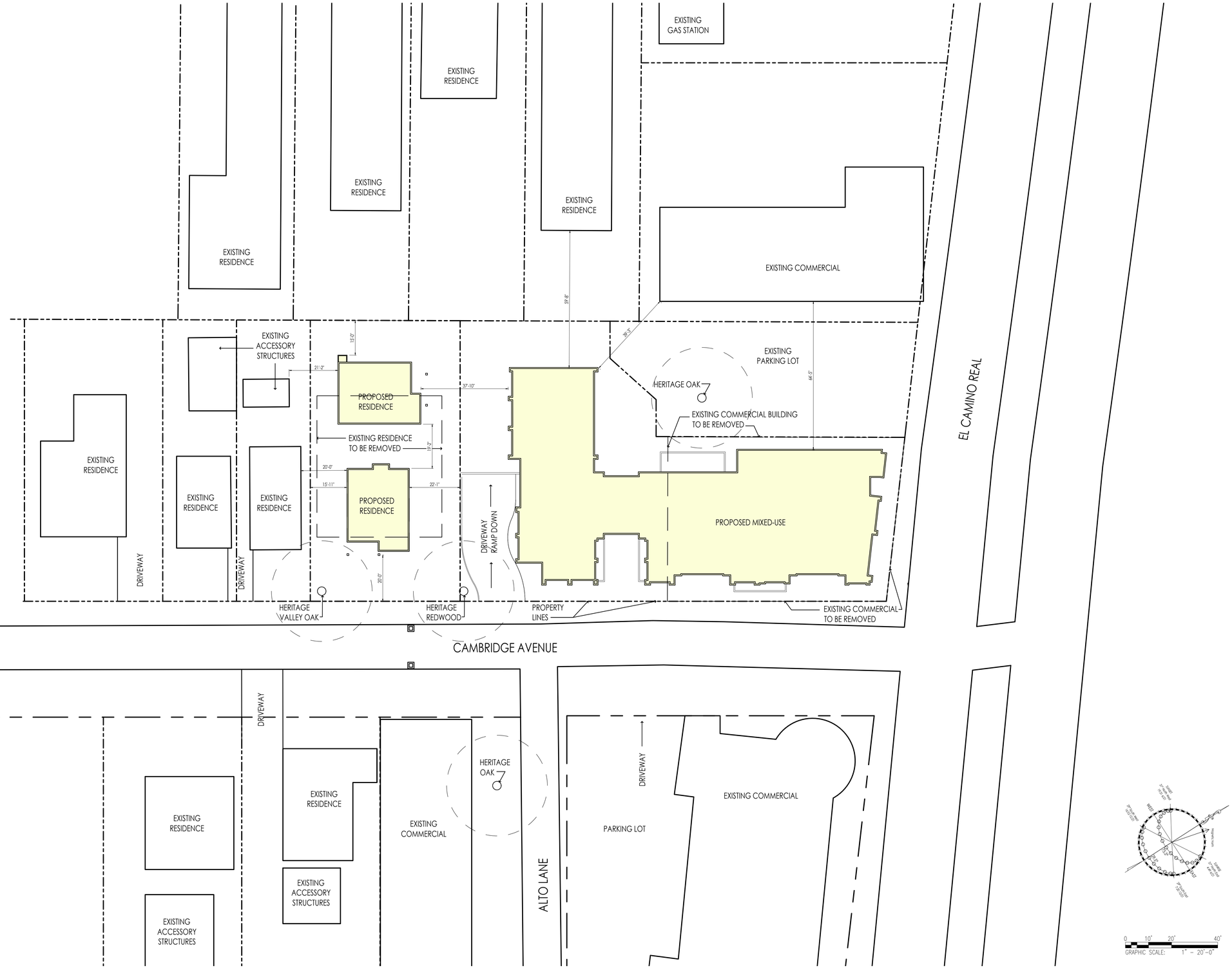
MENLO PARK, CALIFORNIA 94025

SHEET TITLE
EXISTING/DEMO
SITE PLAN

SHEET NUMBER
A-0.2

ENVIRONMENTAL INNOVATIONS IN DESIGN
412 OLIVE AVE. PALO ALTO, CA 94306
PHONE: 650-226-8770 WWW.EIDARCHITECTS.COM

EID ARCHITECTS



PRINT DATE: 1/31/2019

DATE
06/13/2019

201 EL CAMINO REAL - 612 CAMBRIDGE AVE

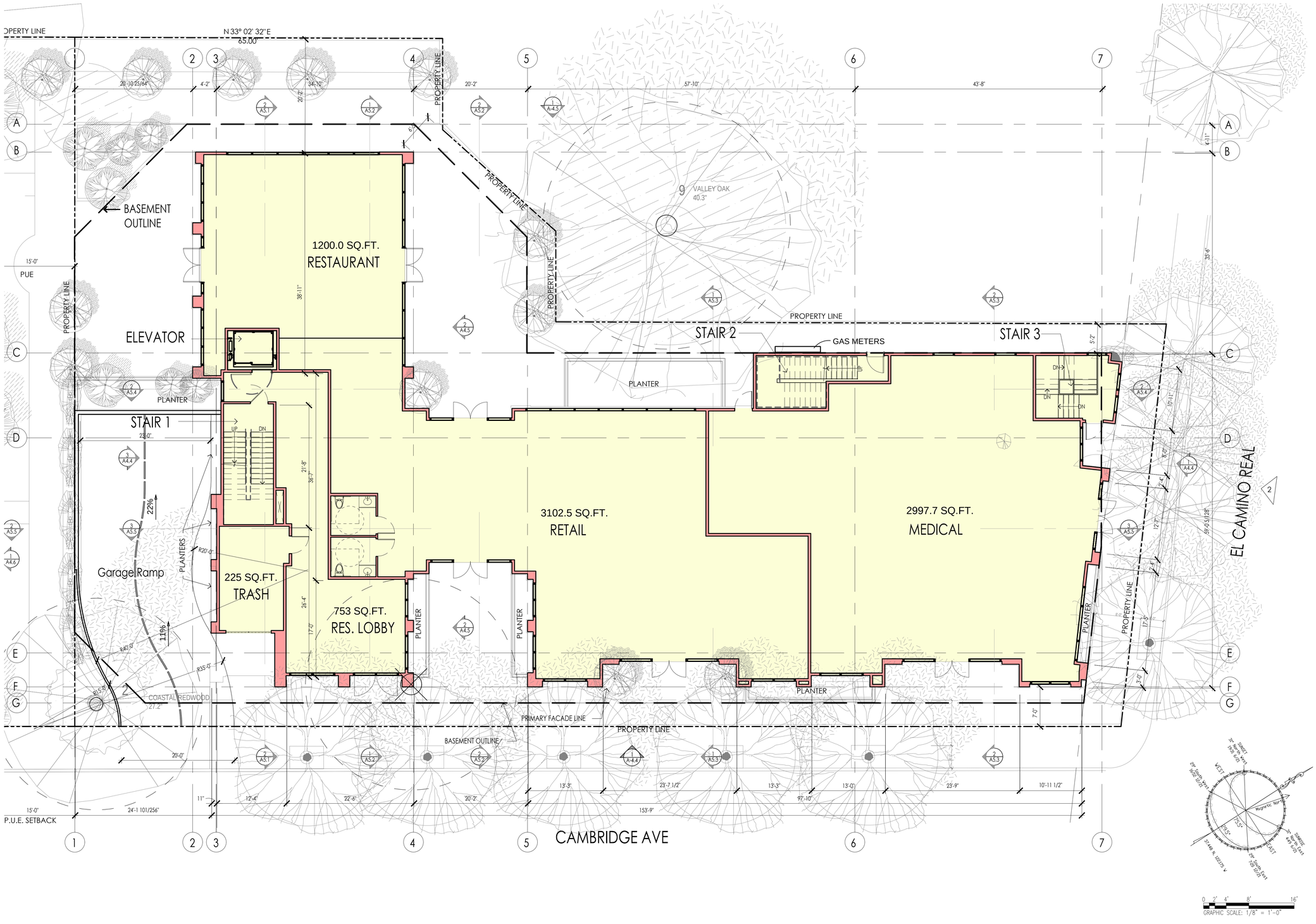
MENLO PARK, CALIFORNIA 94025

SHEET TITLE
AREA PLAN

SHEET NUMBER
A-1.0

ENVIRONMENTAL INNOVATIONS IN DESIGN
412 OLIVE AVE. PALO ALTO, CA 94306
PHONE: 650-226-8770 WWW.EIDARCHITECTS.COM

EID ARCHITECTS



PRINT DATE: 6/13/2019

DATE
06/13/2019

201 EL CAMINO REAL - 612 CAMBRIDGE AVE

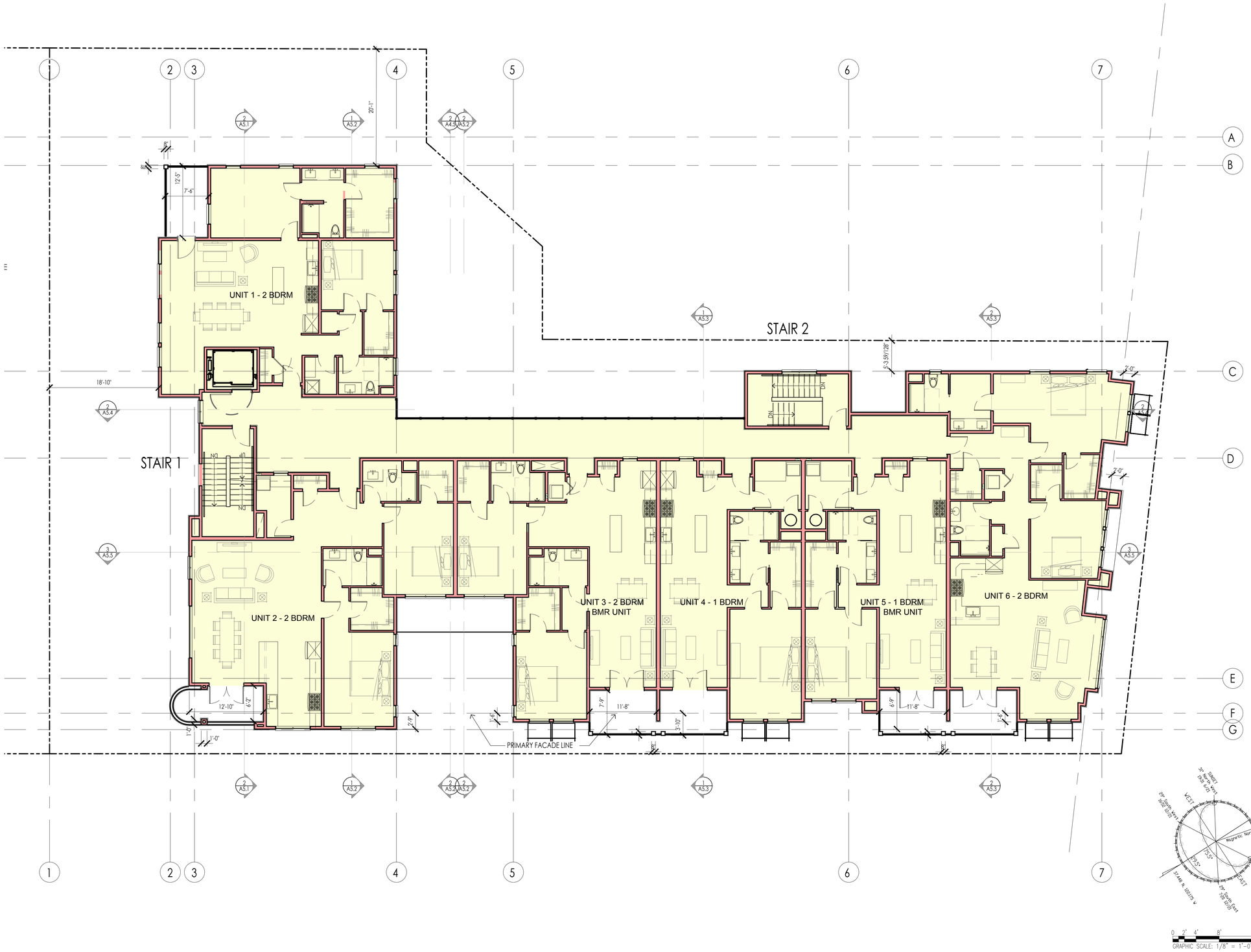
MENLO PARK, CALIFORNIA 94025

SHEET TITLE
FIRST FLOOR PLAN - MIXED-USE

SHEET NUMBER
A-3.1

ENVIRONMENTAL INNOVATIONS IN DESIGN
412 OLIVE AVE. PALO ALTO, CA 94306
PHONE: 650-226-8770 WWW.EIDARCHITECTS.COM

EID ARCHITECTS



PRINT DATE: 1/31/2019

DATE
06/13/2019

201 EL CAMINO REAL - 612 CAMBRIDGE AVE

MENLO PARK, CALIFORNIA 94025

SHEET TITLE
SECOND FLOOR PLAN - MIXED-USE

SHEET NUMBER
A-3.2

ENVIRONMENTAL INNOVATIONS IN DESIGN
412 OLIVE AVE. PALO ALTO, CA 94306
PHONE: 650-226-8770 WWW.EIDARCHITECTS.COM

EID ARCHITECTS

GRAPHIC SCALE: 1/8" = 1'-0"

PRINT DATE: 1/31/2019

DATE
06/13/2019

201 EL CAMINO REAL - 612 CAMBRIDGE AVE

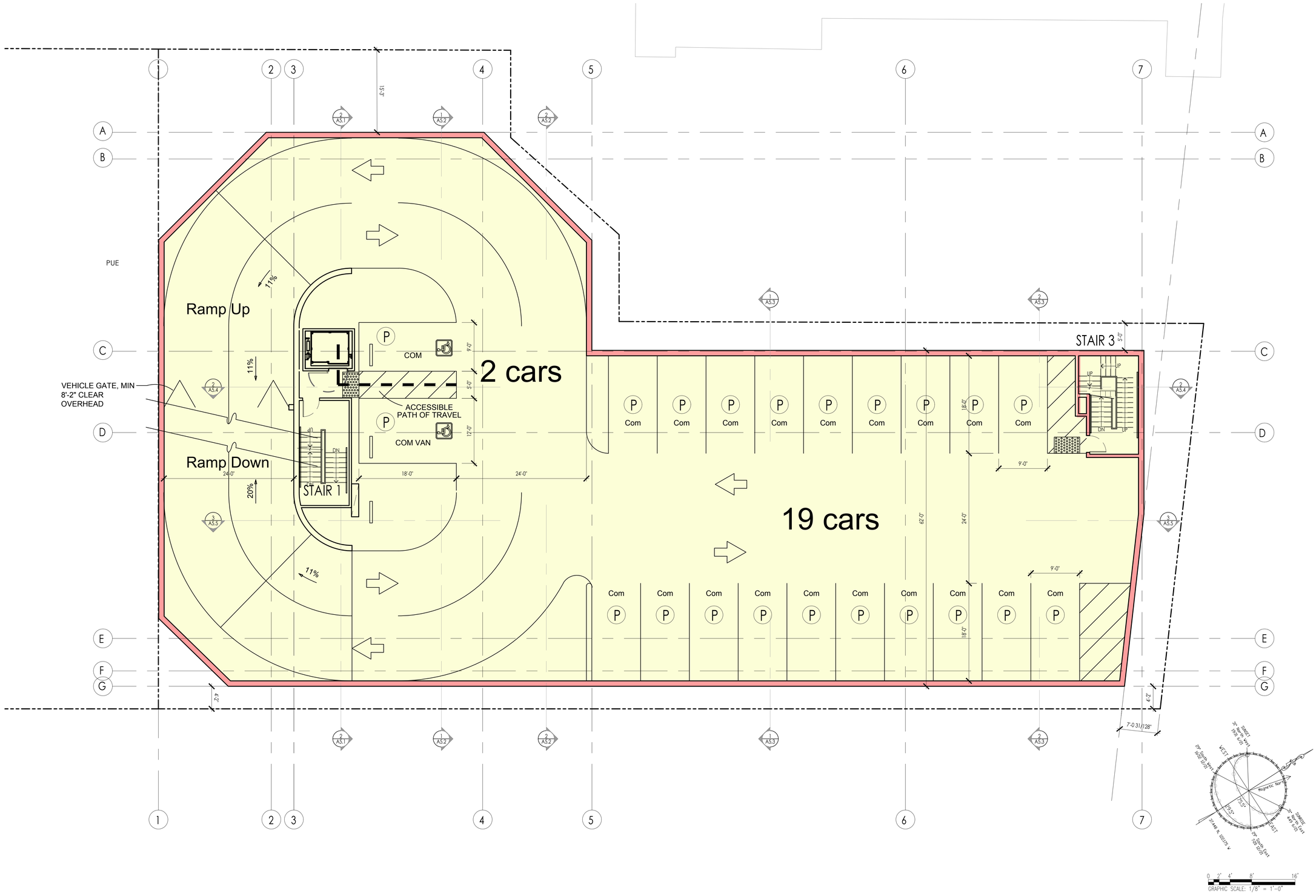
MENLO PARK, CALIFORNIA 94025

SHEET TITLE
THIRD FLOOR PLAN-
MIXED-USE

SHEET NUMBER
A-3.3

ENVIRONMENTAL INNOVATIONS IN DESIGN
412 OLIVE AVE. PALO ALTO, CA 94306
PHONE: 650-226-8770 WWW.EIDARCHITECTS.COM

EID ARCHITECTS



GRAPHIC SCALE: 1/8" = 1'-0"

PRINT DATE: 1/31/2019

DATE
06/13/2019

201 EL CAMINO REAL - 612 CAMBRIDGE AVE

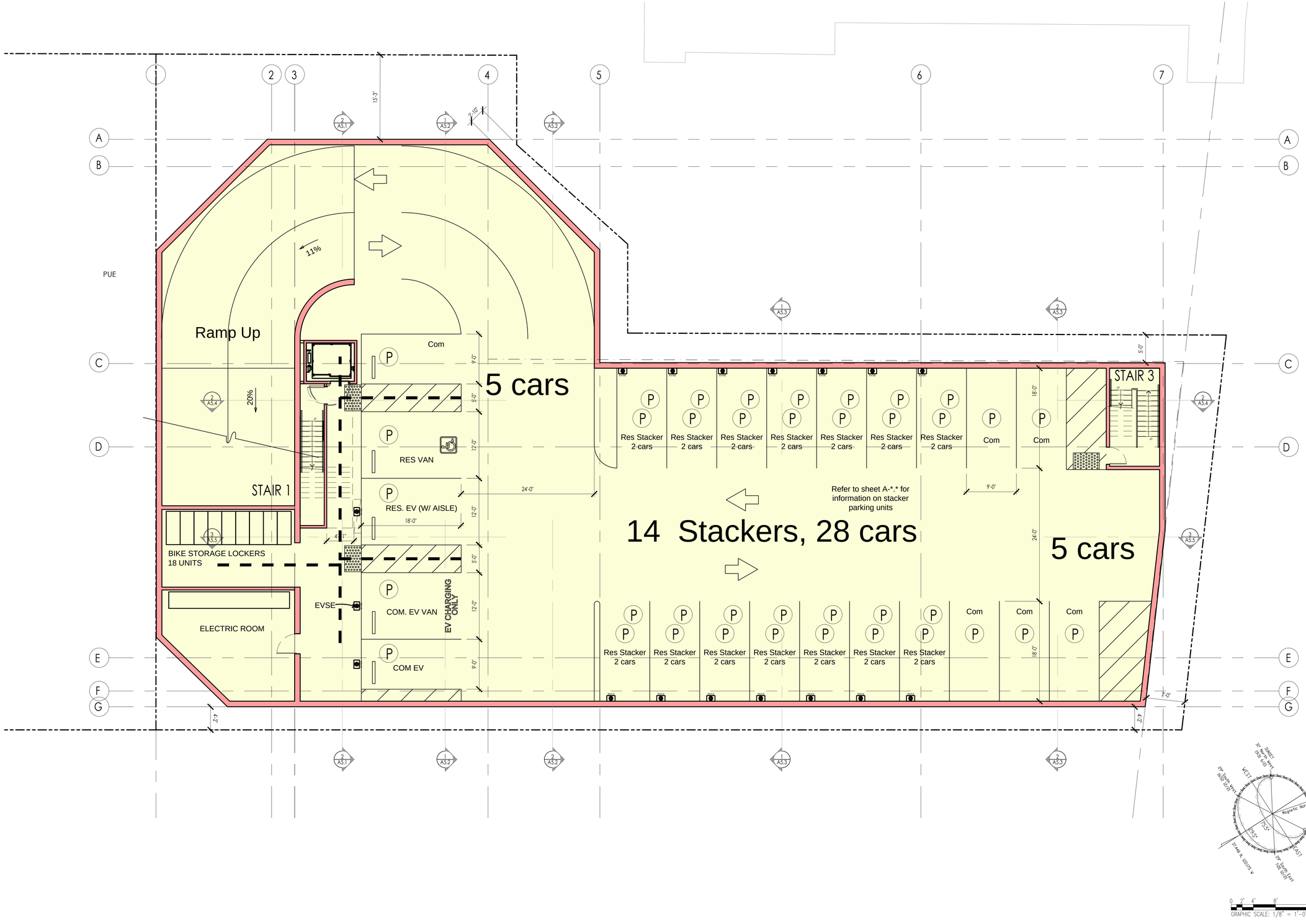
MENLO PARK, CALIFORNIA 94025

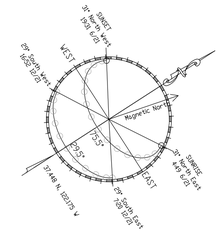
SHEET TITLE
GARAGE LEVEL 1

SHEET NUMBER
A-3.4

ENVIRONMENTAL INNOVATIONS IN DESIGN
412 OLIVE AVE. PALO ALTO, CA 94306
PHONE: 650-226-8770 WWW.EIDARCHITECTS.COM

EID ARCHITECTS





0 2' 4' 8' 16'

GRAPHIC SCALE: 1/8" = 1'-0"

PRINT DATE: 6/13/2019

DATE
06/13/2019

201 EL CAMINO REAL - 612 CAMBRIDGE AVE

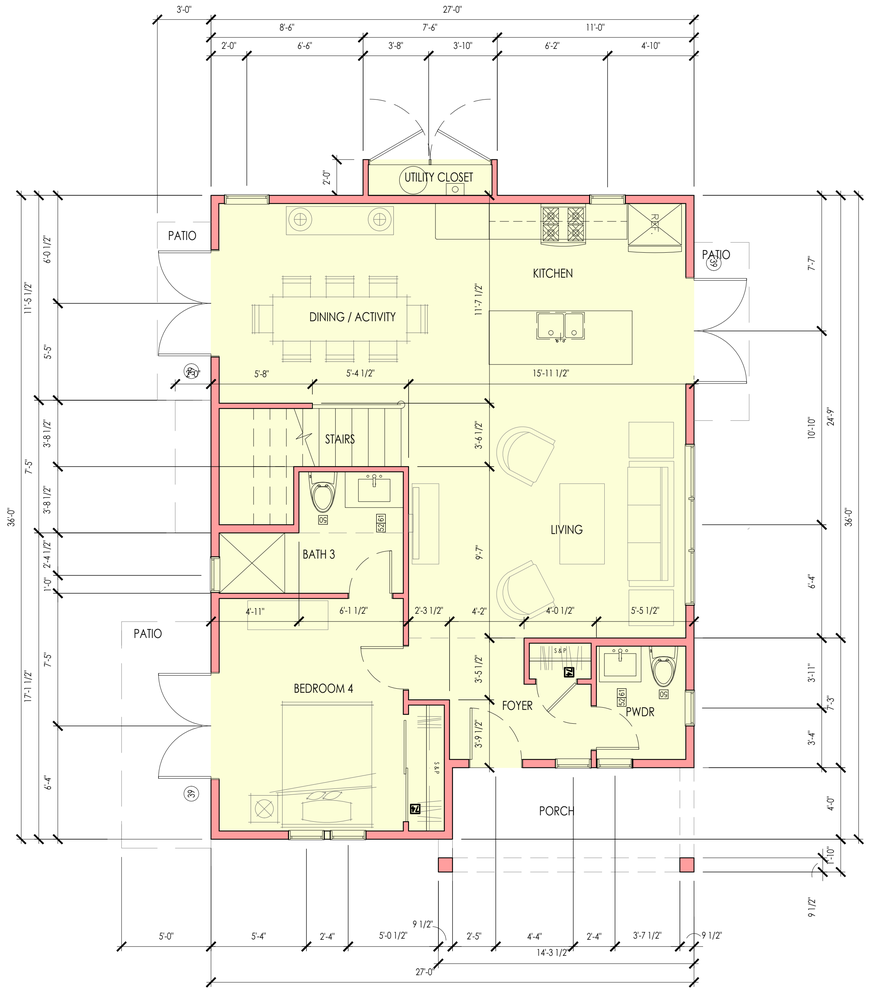
MENLO PARK, CALIFORNIA 94025

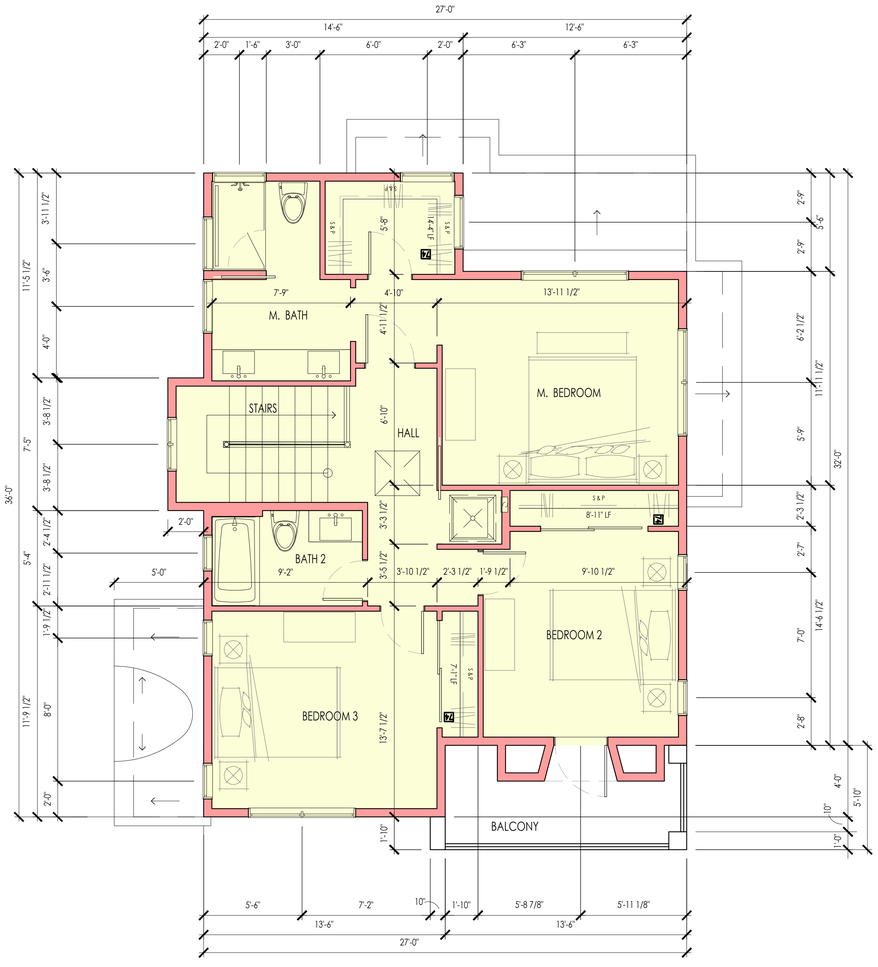
SHEET TITLE
GARAGE LEVEL 2

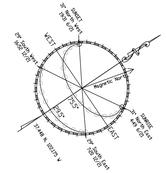
SHEET NUMBER
A-3.5

ENVIRONMENTAL INNOVATIONS IN DESIGN
412 OLIVE AVE. PALO ALTO, CA 94306
PHONE: 650-226-8770 WWW.EIDARCHITECTS.COM

EID ARCHITECTS







918 SQ FT

FIRST FLOOR PLAN

864.5 SQ FT

SECOND FLOOR PLAN

PRINT DATE: 1/31/2019

DATE
06/13/2019

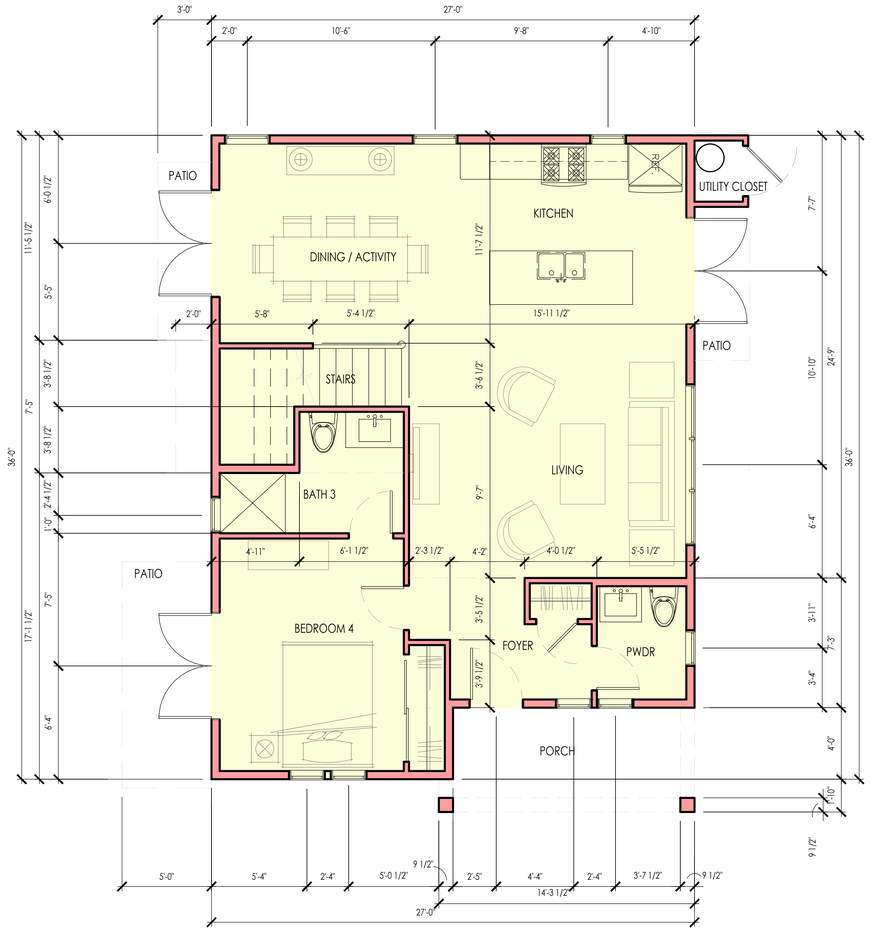
201 EL CAMINO REAL - 612 CAMBRIDGE AVE

MENLO PARK, CALIFORNIA 94025

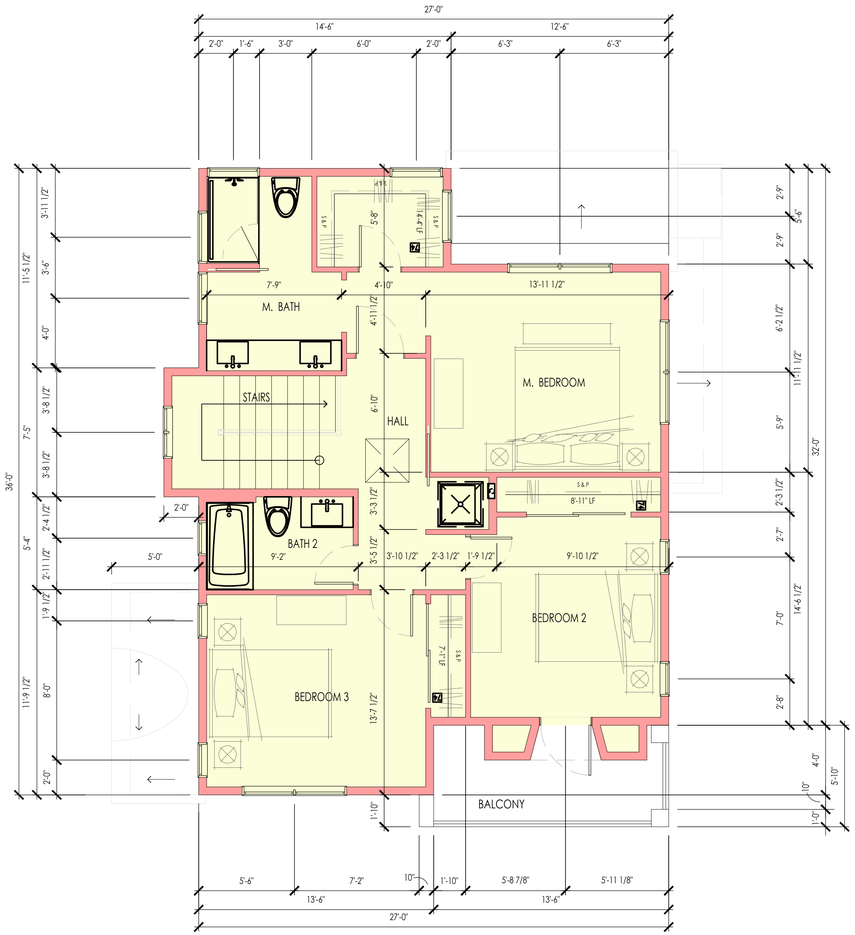
SHEET TITLE
TOWNHOUSE FLOOR PLANS

SHEET NUMBER
A-3.6

ENVIRONMENTAL INNOVATIONS IN DESIGN
412 OLIVE AVE. PALO ALTO, CA 94306
PHONE: 650-226-8770 WWW.EIDARCHITECTS.COM
EID ARCHITECTS



FIRST FLOOR PLAN



SECOND FLOOR PLAN

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

PRINT DATE: 1/31/2019

DATE
06/13/2019

201 EL CAMINO REAL - 612 CAMBRIDGE AVE

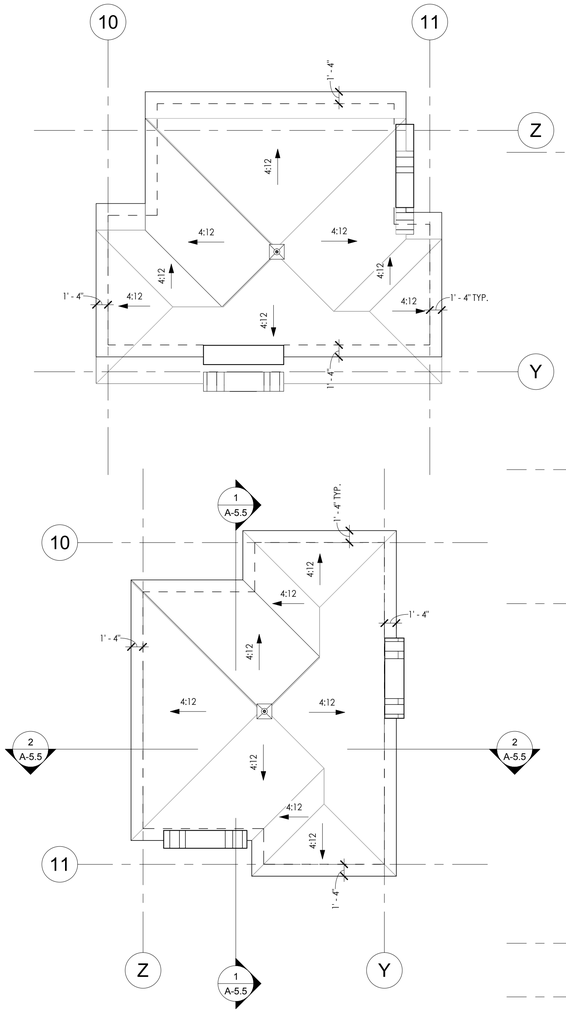
MENLO PARK, CALIFORNIA 94025

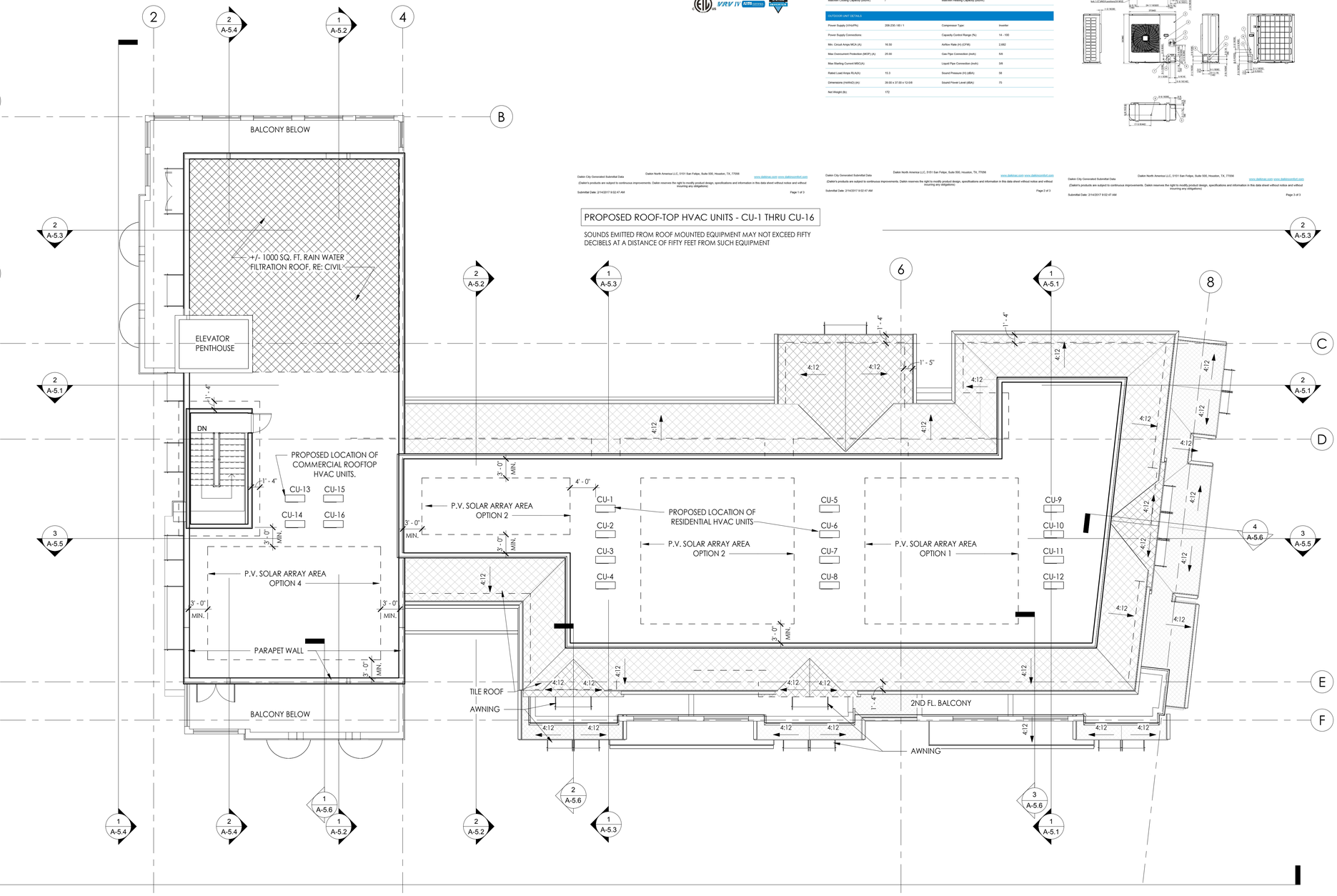
SHEET TITLE
TOWNHOUSE #2
FLOOR PLANS

SHEET NUMBER
A-3.7

ENVIRONMENTAL INNOVATIONS IN DESIGN
412 OLIVE AVE. PALO ALTO, CA 94306
PHONE: 650-226-8770 WWW.EIDARCHITECTS.COM

EID ARCHITECTS





1 Roof
1/8" = 1'-0"

6/13/2019 6:31:41 PM

DATE
06/13/2019

201 EL CAMINO REAL - 612 CAMBRIDGE AVE

MENLO PARK, CALIFORNIA 94025

SHEET TITLE
ROOF PLAN

SHEET NUMBER
A-3.8

ENVIRONMENTAL INNOVATIONS IN DESIGN
412 OLIVE AVE. PALO ALTO, CA 94306
PHONE: 650-226-8770 WWW.EIDARCHITECTS.COM
EID ARCHITECTS
ECO FUNCTIONAL ARCHITECTURE

DAIKIN

Submittal Data Sheet
3 Ton VRV-IV S Heat Pump Unit
RXTQ36TAVJU

FEATURES

- Variable Refrigerant Temperature (VRT) technology allows VRV IV S series to deliver improved efficiencies and year round comfort
- Improved efficiencies with SEER values up to 19.0 and HSPF values up to 10.0
- Engineered with highly reliable Daikin Swing compressors
- All inverter compressors to increase efficiency and avoid starting current rush
- Can provide heating down to -4°F
- Added safety with optional auto changeover to auxiliary heat
- Easier installation with over 50% weight reduction compared to VRV III S

BENEFITS

- Single-phase technology enables installation in light commercial and residential applications
- Broader diversity with up to 10 indoor units connectivity
- Space saving compact design
- Design flexibility with long piping lengths up to 984ft total and 49ft vertical between outdoor and indoor units
- Designed with reduced MOP to optimize installation costs
- Backed by best-in-class 10-years Parts Limited Warranty and 10-years Replacement Compressor Limited Warranty*

VRV IV AHRI 2019

DAIKIN

Submittal Data Sheet
3 Ton VRV-IV S Heat Pump Unit
RXTQ36TAVJU

PERFORMANCE

Outdoor Unit Model No.	RXTQ36TAVJU	Outdoor Unit Name:	3 Ton VRV-IV S Heat Pump Unit
Type:	Heat Pump		
Rated Cooling Conditions:	Indoor (°F DB/WB): 80 / 67 Ambient (°F DB/WB): 95 / 75	Rated Heating Conditions:	Indoor (°F DB/WB): 70 / 60 Ambient (°F DB/WB): 47 / 43
Rated Piping Length(ft):	25		
Rated Height Difference (ft):			
Rated Cooling Capacity (Btu/hr):	34,200	Rated Heating Capacity (Btu/hr):	37,000
Cooling Input Power (kW):	3.13	Heating Input Power (kW):	3.12
EER (Non-Ducted/Ducted):	12.00 / 9.70	Heating COP (Non-Ducted/Ducted):	/
SEER (Non-Ducted/Ducted):	18.00 / 15.50	HSPF (Non-Ducted/Ducted):	10.3 / 9.0
Max/Min Cooling Capacity (Btu/hr):	/	Max/Min Heating Capacity (Btu/hr):	

OUTDOOR UNIT DETAILS

Power Supply (V/Hz/Ph):	208-230 / 60 / 1	Compressor Type:	Inverter
Power Supply Connections:		Capacity Control Range (%):	14 - 100
Min. Circuit Amps MCA (A):	16.50	Airflow Rate (H) (CFM):	2,682
Max Overcurrent Protection (MOP) (A):	25.00	Gas Pipe Connection (inch):	5/8
Max Starting Current MSC(A):		Liquid Pipe Connection (inch):	3/8
Rated Load Amps RLA(A):	15.3	Sound Pressure (H) (dBA):	58
Dimensions (HxWxD) (in):	39.00 x 37.00 x 12-5/8	Sound Power Level (dBA):	75
Net Weight (lb):	172		

DAIKIN

Submittal Data Sheet
3 Ton VRV-IV S Heat Pump Unit
RXTQ36TAVJU

SYSTEM DETAILS			
Refrigerant Type:	R-410A	Cooling Operation Range (°F DB):	23 ~ 122
Holding Refrigerant Charge (lbs):	6.4	Heating Operation Range (°F WB):	-4 ~ 60
Additional Charge (lb/ft):		Max. Pipe Length (Vertical) (ft):	98
Pre-charge Piping (Length) (ft):		Cooling Range w/Baffle (°F DB):	-
Max. Pipe Length (Total) (ft):	820	Heating Range w/Baffle (°F WB):	-
Max Height Separation (Ind to Ind ft):			

DIMENSIONAL DRAWING

PROPOSED ROOF-TOP HVAC UNITS - CU-1 THRU CU-16

SOUNDS EMITTED FROM ROOF MOUNTED EQUIPMENT MAY NOT EXCEED FIFTY DECIBELS AT A DISTANCE OF FIFTY FEET FROM SUCH EQUIPMENT

2 CAMBRIDGE STREETSCAPE
12" = 1'-0"

1 EL CAMINO STREETSCAPE
12" = 1'-0"

6/13/2019 07:32:11 PM

DATE
06/13/2019

201 EL CAMINO REAL - 612 CAMBRIDGE AVE

MENLO PARK, CALIFORNIA 94025

SHEET TITLE
PROPOSED STREET SCAPE VIEWS

SHEET NUMBER
A-4.1

ENVIRONMENTAL INNOVATIONS IN DESIGN
412 OLIVE AVE. PALO ALTO, CA 94306
PHONE: 650-226-8770 WWW.EIDARCHITECTS.COM

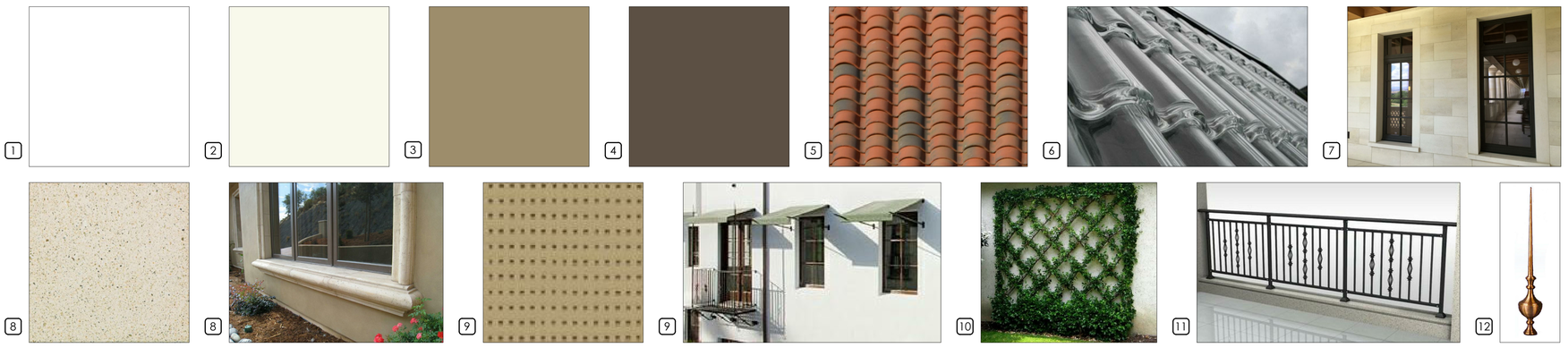
EID ARCHITECTS
ECO FUNCTIONAL ARCHITECTURE

3 MIXED USE - SouthWest Elevation
1/8" = 1'-0"

2 MIXED USE - NorhtEast Elevation (El Camino Real)
1/8" = 1'-0"

1 MIXED USE - SouthEast Elevation (Cambridge Ave)
1/8" = 1'-0"

3
A-4.4



KEY NOTES

1. SMOOTH TROWELLED PLASTER FINISH - COLOR: KELLY MOORE KMW44 - PEARLY WHITE
2. SMOOTH TROWELLED PLASTER FINISH - COLOR: KELLY MOORE KM5220-1 - FLICKERING FIREFLY
3. SMOOTH TROWELLED PLASTER FINISH - COLOR: KELLY MOORE KM5716-3 - RODEO ROUNDUP
4. ROUGH SAWN TIMBER, PAINTED - COLOR: KELLY MOORE KM4925 - WILD TRUFFLE
5. BARREL TILE ROOF - CLAY: REDLAND CLAY TILE OR EQ.
6. BARREL TILE ROOF - GLASS: TEJAS BORJA OR EQ.
7. HIGH PERFORMANCE GLAZING WITH WOOD & ALUMINUM MULLIONS - COLOR: BRONZE
8. TRIMS, MEDALLIONS, & CORBELS - CAST STONE: RED LEAF STONE OR EQ. - PACIFIC BEACH ACID ETCH
9. AWNING - FABRIC W/ WROUGHT IRON & ANODIZED ALUMINUM FRAMES - SERGE FERRARI, SOLTIS MESH FABRIC OR EQ. - COLOR: PEPPER
10. PLANTED WALL: TRELLIS OR 'GREENSCREEN' OR EQ.
11. RAILING - WROUGHT IRON
12. LIGHTNING ROD - ROOF RIDGE CAP, COPPER: CLASSIC LIGHTNING PROTECTION INC., OR EQ.

6/13/2019 11:58:18 AM

DATE
06/13/2019

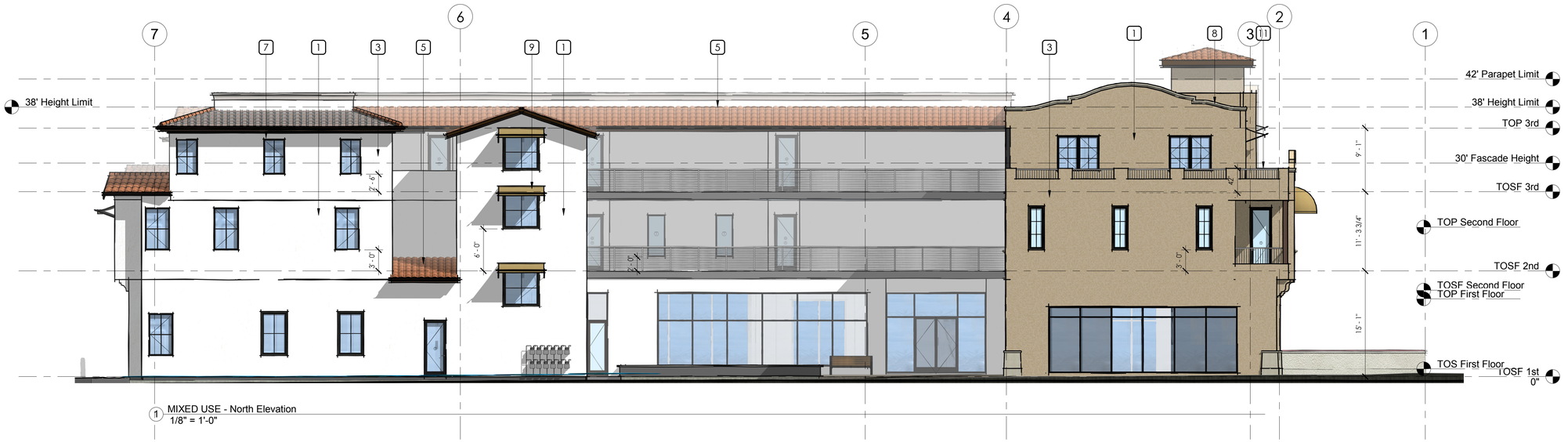
201 EL CAMINO REAL - 612 CAMBRIDGE AVE

MENLO PARK, CALIFORNIA 94025

SHEET TITLE
ELEVATIONS - MIXED-USE

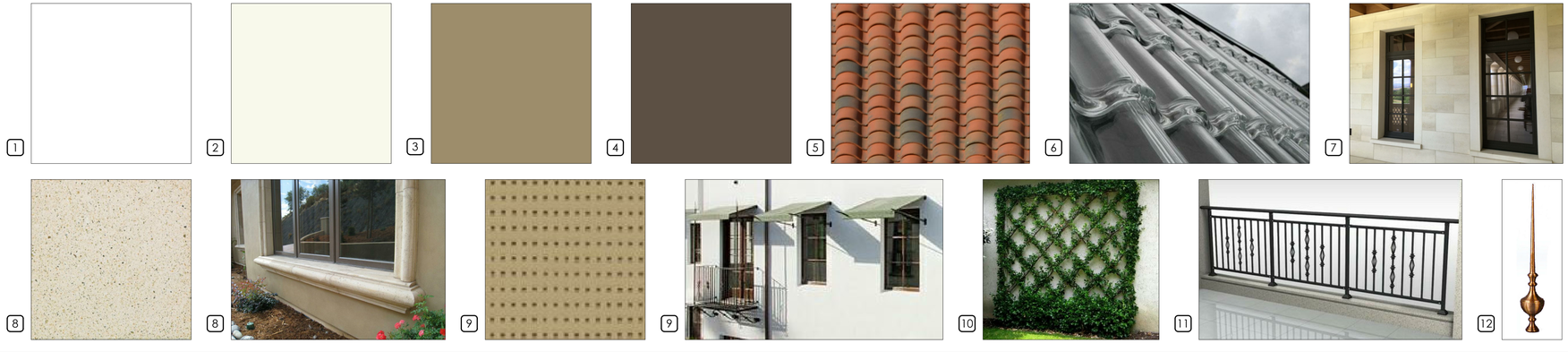
SHEET NUMBER
A-4.2

ENVIRONMENTAL INNOVATIONS IN DESIGN
412 OLIVE AVE. PALO ALTO, CA 94306
PHONE: 650-226-8770 WWW.EIDARCHITECTS.COM
EID ARCHITECTS
ECO FUNCTIONAL ARCHITECTURE



1 MIXED USE - North Elevation
1/8" = 1'-0"

2 MIXED USE - Elevation/ Section
1/8" = 1'-0"



KEY NOTES

1. SMOOTH TROWELLED PLASTER FINISH - COLOR: KELLY MOORE KMW44 - PEARLY WHITE
2. SMOOTH TROWELLED PLASTER FINISH - COLOR: KELLY MOORE KM5220-1 - FLICKERING FIREFLY
3. SMOOTH TROWELLED PLASTER FINISH - COLOR: KELLY MOORE KM5716-3 - RODEO ROUNDUP
4. ROUGH SAWN TIMBER, PAINTED - COLOR: KELLY MOORE KM4925 - WILD TRUFFLE
5. BARREL TILE ROOF - CLAY: REDLAND CLAY TILE OR EQ.
6. BARREL TILE ROOF - GLASS: TEJAS BORJA OR EQ.
7. HIGH PERFORMANCE GLAZING WITH WOOD & ALUMINUM MULLIONS - COLOR: BRONZE
8. TRIMS, MEDALLIONS, & CORBELS - CAST STONE: RED LEAF STONE OR EQ. - PACIFIC BEACH ACID ETCH
9. AWNING - FABRIC W/ WROUGHT IRON & ANODIZED ALUMINUM FRAMES - SERGE FERRARI, SOLTIS MESH FABRIC OR EQ. - COLOR: PEPPER
10. PLANTED WALL: TRELLIS OR 'GREENSCREEN' OR EQ.
11. RAILING - WROUGHT IRON
12. LIGHTNING ROD - ROOF RIDGE CAP, COPPER: CLASSIC LIGHTNING PROTECTION INC., OR EQ.

6/13/2019 11:58:47 AM

DATE
06/13/2019

201 EL CAMINO REAL - 612 CAMBRIDGE AVE

MENLO PARK, CALIFORNIA 94025

SHEET TITLE
ELEVATIONS - MIXED-USE

SHEET NUMBER
A-4.3

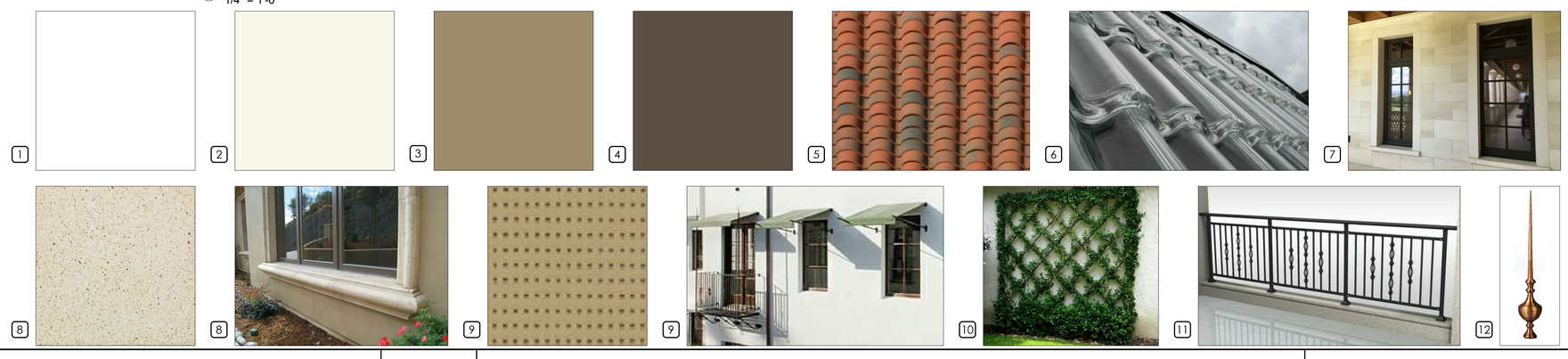
ENVIRONMENTAL INNOVATIONS IN DESIGN
412 OLIVE AVE. PALO ALTO, CA 94306
PHONE: 650-226-8770 WWW.EIDARCHITECTS.COM
EID ARCHITECTS
ECO FUNCTIONAL ARCHITECTURE

1 TOWNHOUSE 1- NORTHEAST ELEVATION
1/4" = 1'-0"

2 TOWNHOUSE 1 - NORTHWEST ELEVATION
1/4" = 1'-0"

4 TOWNHOUSE 1- SOUTHWEST ELEVATION
1/4" = 1'-0"

3 TOWNHOUSE 1 -SOUTHEAST ELEVATION
1/4" = 1'-0"



KEY NOTES

1. SMOOTH TROWELLED PLASTER FINISH - COLOR: KELLY MOORE KMW44 - PEARLY WHITE
2. SMOOTH TROWELLED PLASTER FINISH - COLOR: KELLY MOORE KM5220-1 - FLICKERING FIREFLY
3. SMOOTH TROWELLED PLASTER FINISH - COLOR: KELLY MOORE KM5716-3 - RODEO ROUNDUP
4. ROUGH SAWN TIMBER, PAINTED - COLOR: KELLY MOORE KM4925 - WILD TRUFFLE
5. BARREL TILE ROOF - CLAY: REDLAND CLAY TILE OR EQ.
6. BARREL TILE ROOF - GLASS: TEJAS BORJA OR EQ.
7. HIGH PERFORMANCE GLAZING WITH WOOD & ALUMINUM MULLIONS - COLOR: BRONZE
8. TRIMS, MEDALLIONS, & CORBELS - CAST STONE: RED LEAF STONE OR EQ. - PACIFIC BEACH ACID ETCH
9. AWNING - FABRIC W/ WROUGHT IRON & ANODIZED ALUMINUM FRAMES - SERGE FERRARI, SOLTIS MESH FABRIC OR EQ. - COLOR: PEPPER
10. PLANTED WALL: TRELLIS OR 'GREENSCREEN' OR EQ.
11. RAILING - WROUGHT IRON
12. LIGHTNING ROD - ROOF RIDGE CAP, COPPER: CLASSIC LIGHTNING PROTECTION INC., OR EQ.

6/13/2019 11:59:21 AM

DATE
06/13/2019

201 EL CAMINO REAL - 612 CAMBRIDGE AVE

MENLO PARK, CALIFORNIA 94025

SHEET TITLE
ELEVATIONS - TOWNHOUSE 1

SHEET NUMBER
A-4.4

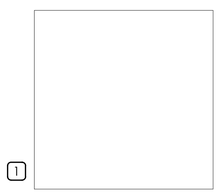
ENVIRONMENTAL INNOVATIONS IN DESIGN
412 OLIVE AVE. PALO ALTO, CA 94306
PHONE: 650-226-8770 WWW.EIDARCHITECTS.COM
EID ARCHITECTS
ECO FUNCTIONAL ARCHITECTURE

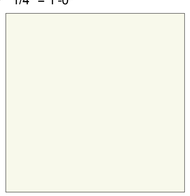
1 TOWNHOUSE 2- SOUTHWEST ELEVATION
1/4" = 1'-0"

3 TOWNHOUSE 2- NORTHWEST ELEVATION
1/4" = 1'-0"

2 TOWNHOUSE 2 -NORTHEAST ELEVATION
1/4" = 1'-0"

4 TOWNHOUSE 2 - SOUTHEAST ELEVATION
1/4" = 1'-0"


1


2


3


4

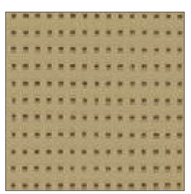

5


6

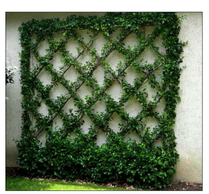

7


8


8


9


9


10


11


12

KEY NOTES

1. SMOOTH TROWELLED PLASTER FINISH - COLOR: KELLY MOORE KMW44 - PEARLY WHITE
2. SMOOTH TROWELLED PLASTER FINISH - COLOR: KELLY MOORE KM5220-1 - FLICKERING FIREFLY
3. SMOOTH TROWELLED PLASTER FINISH - COLOR: KELLY MOORE KM5716-3 - RODEO ROUNDUP
4. ROUGH SAWN TIMBER, PAINTED - COLOR: KELLY MOORE KM4925 - WILD TRUFFLE
5. BARREL TILE ROOF - CLAY: REDLAND CLAY TILE OR EQ.
6. BARREL TILE ROOF - GLASS: TEJAS BORJA OR EQ.
7. HIGH PERFORMANCE GLAZING WITH WOOD & ALUMINUM MULLIONS - COLOR: BRONZE
8. TRIMS, MEDALLIONS, & CORBELS - CAST STONE: RED LEAF STONE OR EQ. - PACIFIC BEACH ACID ETCH
9. AWNING - FABRIC W/ WROUGHT IRON & ANODIZED ALUMINUM FRAMES - SERGE FERRARI, SOLTIS MESH FABRIC OR EQ. - COLOR: PEPPER
10. PLANTED WALL: TRELLIS OR 'GREENSCREEN' OR EQ.
11. RAILING - WROUGHT IRON
12. LIGHTNING ROD - ROOF RIDGE CAP, COPPER: CLASSIC LIGHTNING PROTECTION INC., OR EQ.

6/13/2019 12:00:00 PM

DATE
06/13/2019

201 EL CAMINO REAL - 612 CAMBRIDGE AVE

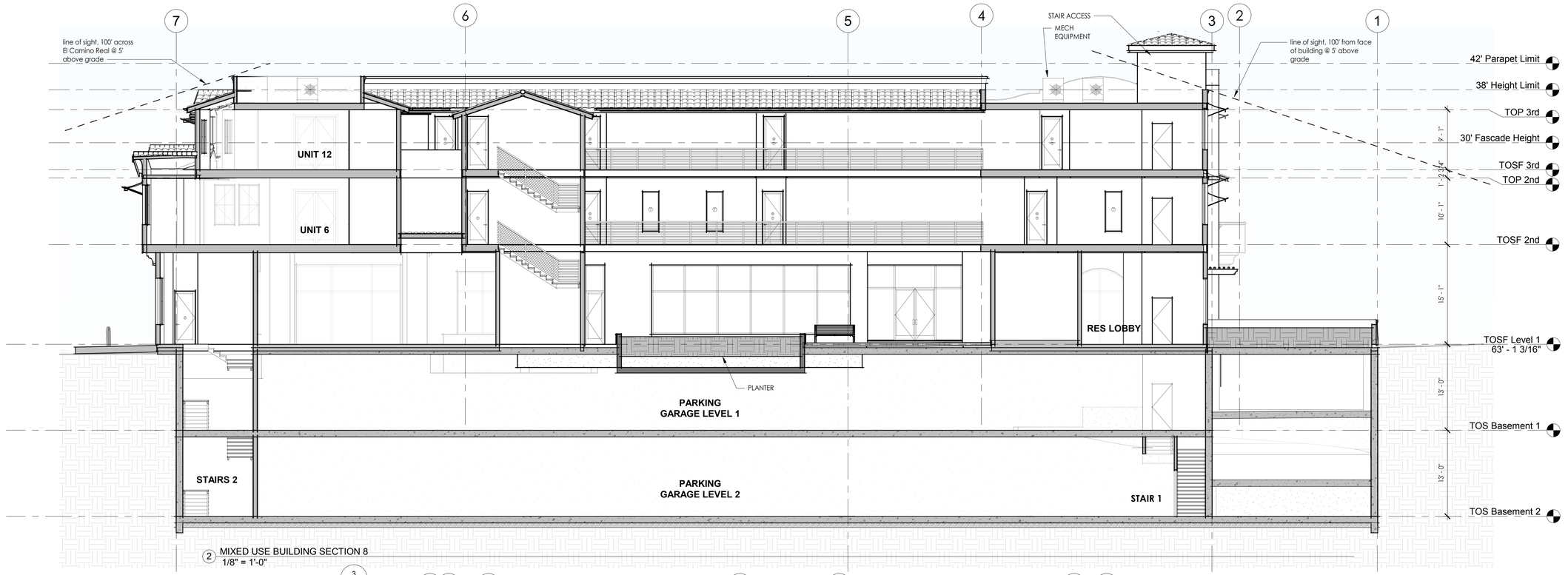
MENLO PARK, CALIFORNIA 94025

SHEET TITLE
ELEVATIONS - TOWNHOUSE 2

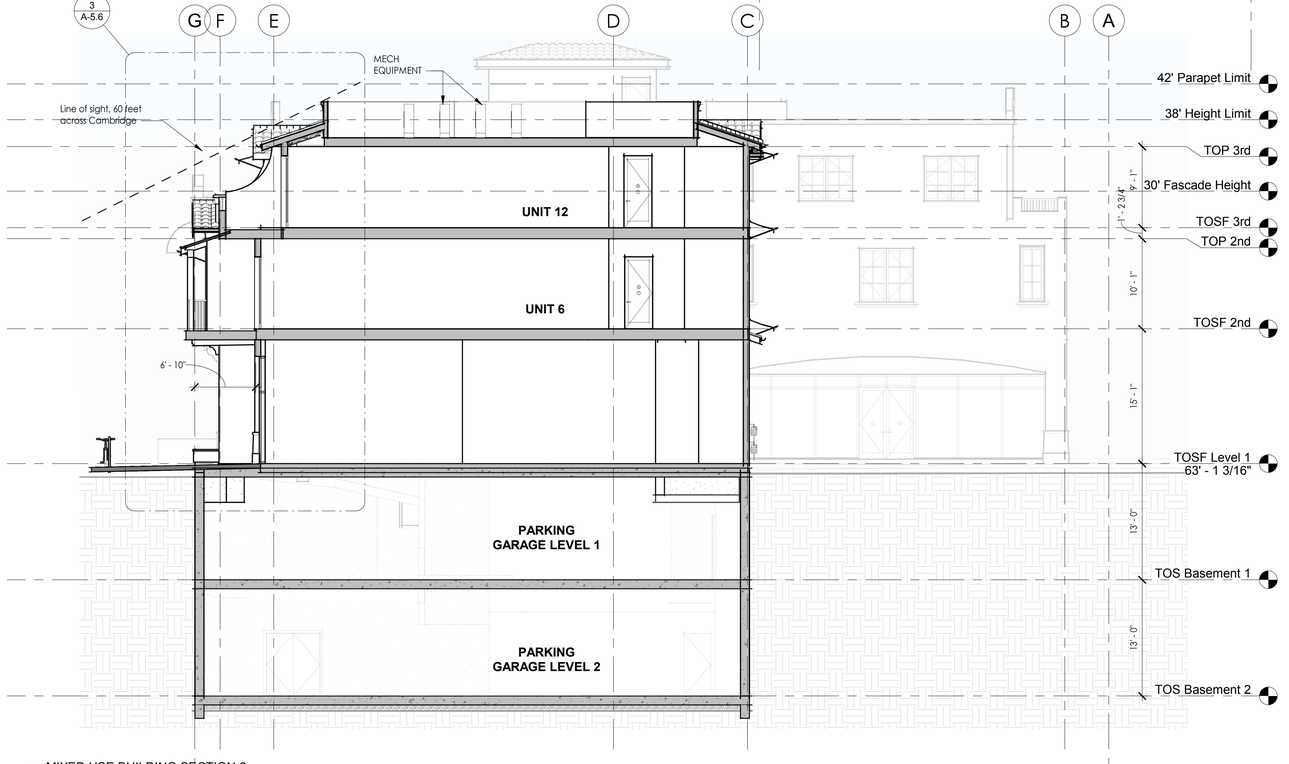
SHEET NUMBER
A-4.5

ENVIRONMENTAL INNOVATIONS IN DESIGN
412 OLIVE AVE. PALO ALTO, CA 94306
PHONE: 650-226-8770 WWW.EIDARCHITECTS.COM

EID ARCHITECTS
ECO FUNCTIONAL ARCHITECTURE



2 MIXED USE BUILDING SECTION 8
1/8" = 1'-0"



1 MIXED USE BUILDING SECTION 6
1/8" = 1'-0"

6/13/2019 12:00:17 PM

DATE
06/13/2019

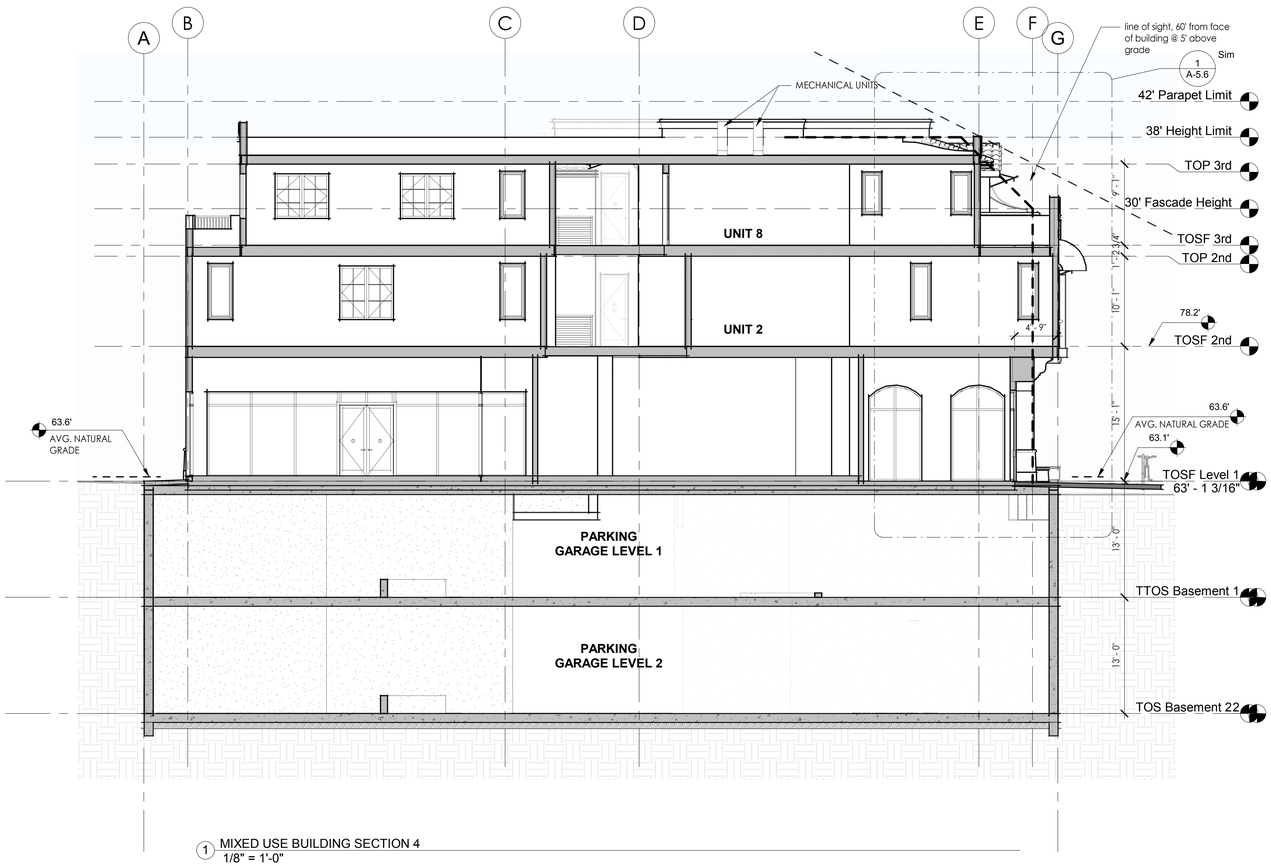
201 EL CAMINO REAL - 612 CAMBRIDGE AVE

MENLO PARK, CALIFORNIA 94025

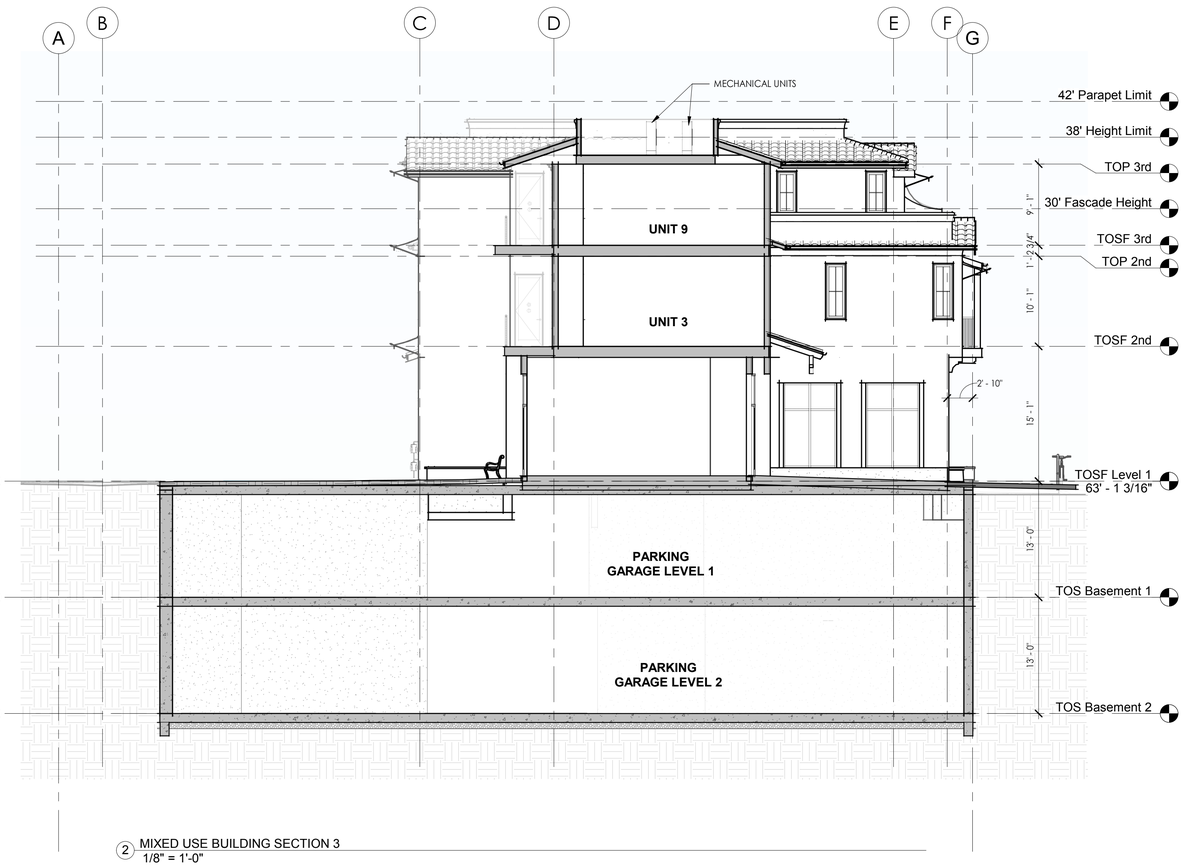
SHEET TITLE
BUILDING SECTIONS

SHEET NUMBER
A-5.1

ENVIRONMENTAL INNOVATIONS IN DESIGN
412 OLIVE AVE. PALO ALTO, CA 94306
PHONE: 650-226-8770 WWW.EIDARCHITECTS.COM
EID ARCHITECTS
ECO FUNCTIONAL ARCHITECTURE



1 MIXED USE BUILDING SECTION 4
1/8" = 1'-0"



2 MIXED USE BUILDING SECTION 3
1/8" = 1'-0"

6/13/2019 12:00:30 PM

DATE
06/13/2019

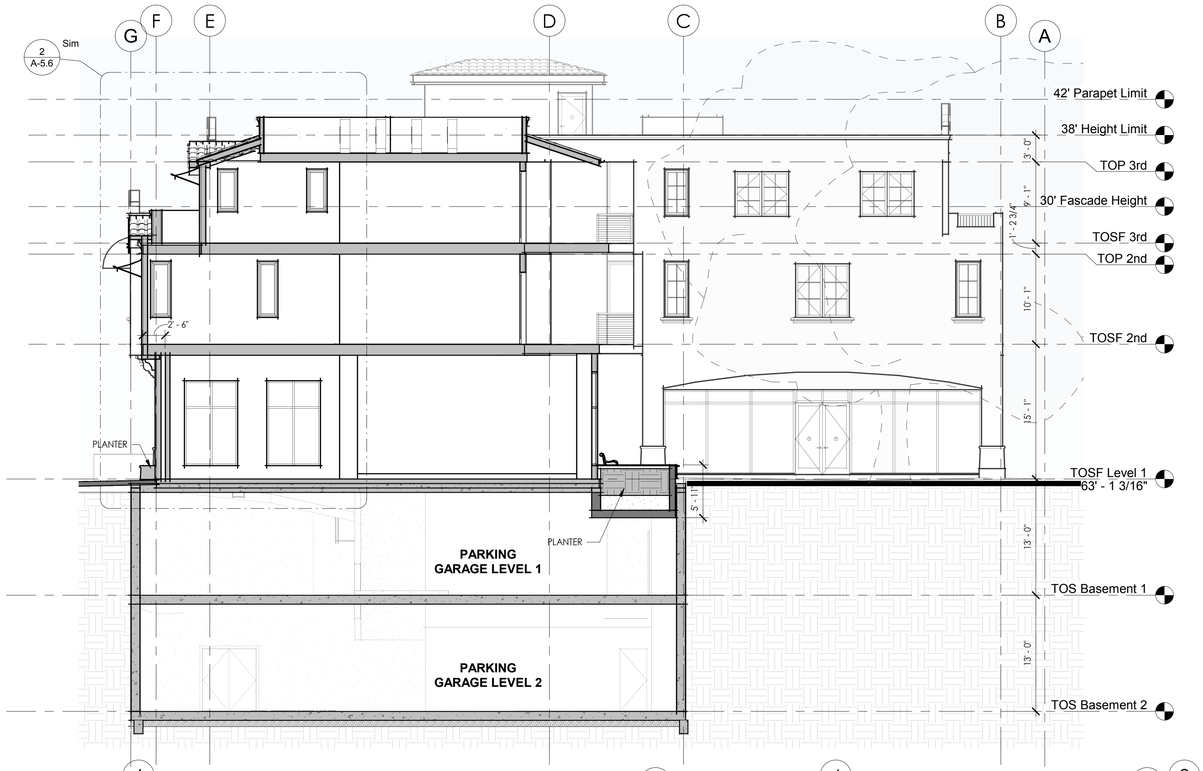
201 EL CAMINO REAL - 612 CAMBRIDGE AVE

MENLO PARK, CALIFORNIA 94025

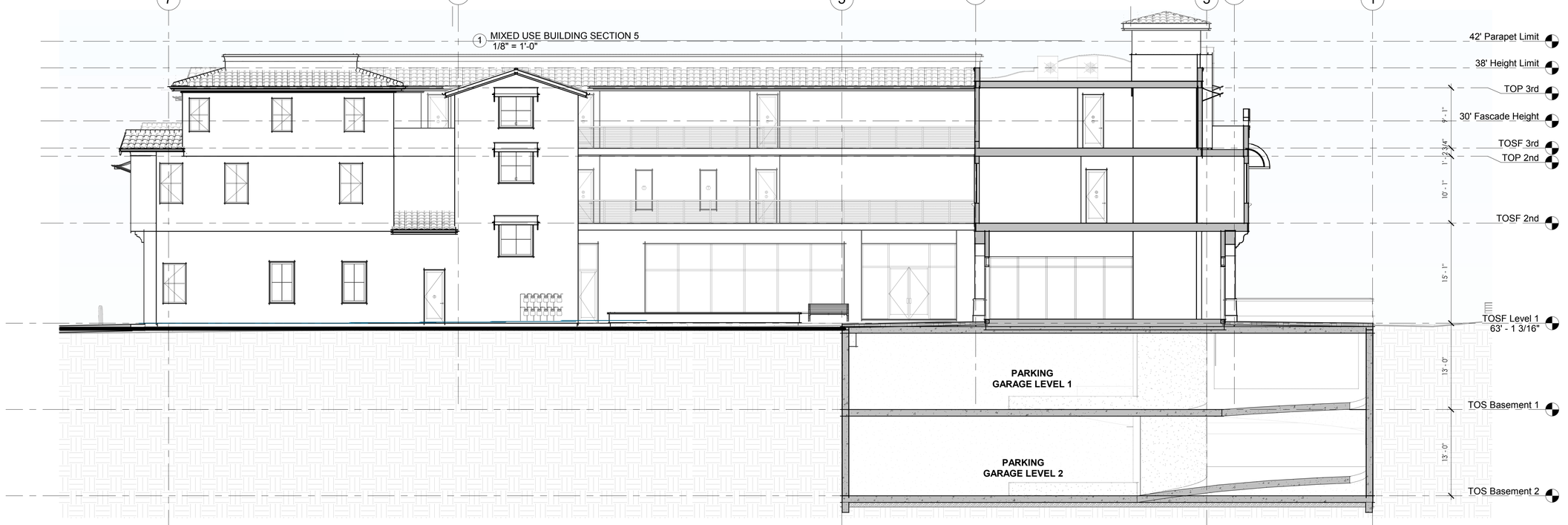
SHEET TITLE
BUILDING SECTIONS

SHEET NUMBER
A-5.2

ENVIRONMENTAL INNOVATIONS IN DESIGN
412 OLIVE AVE. PALO ALTO, CA 94306
PHONE: 650-226-8770 WWW.EIDARCHITECTS.COM
EID ARCHITECTS
ECO FUNCTIONAL ARCHITECTURE



1 MIXED USE BUILDING SECTION 5
1/8" = 1'-0"



2 MIXED USE BUILDING SECTION 7
1/8" = 1'-0"

6/13/2019 12:00:48 PM

DATE
06/13/2019

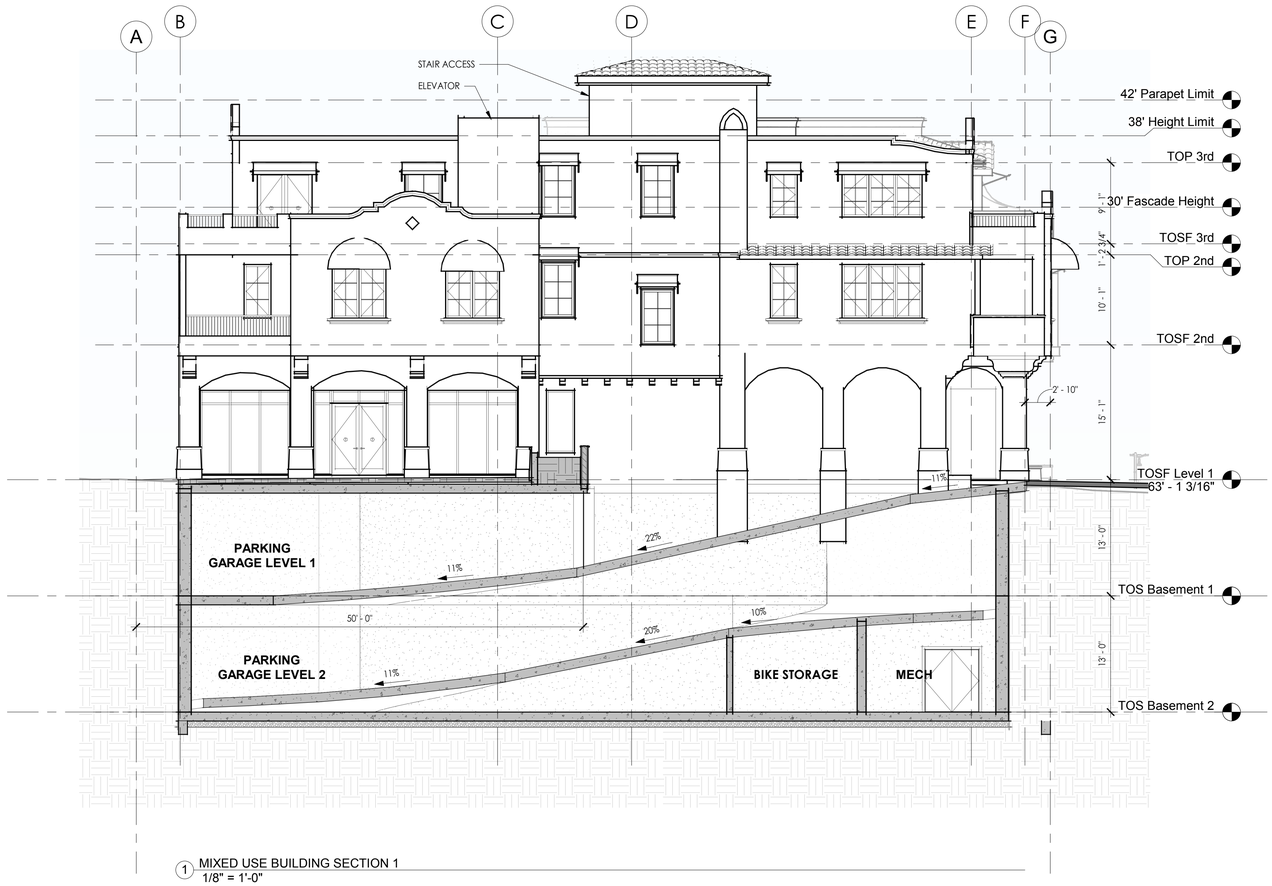
201 EL CAMINO REAL - 612 CAMBRIDGE AVE

MENLO PARK, CALIFORNIA 94025

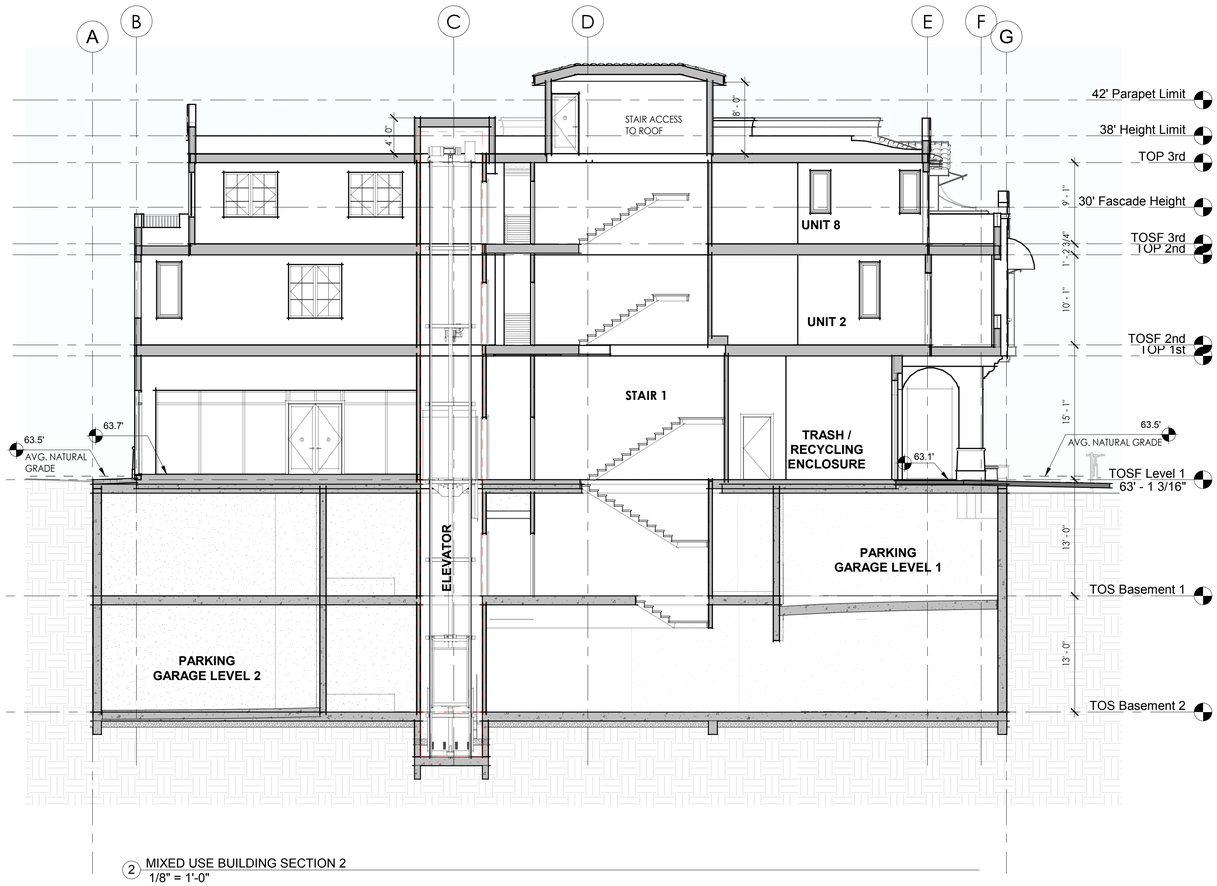
SHEET TITLE
BUILDING SECTIONS

SHEET NUMBER
A-5.3

ENVIRONMENTAL INNOVATIONS IN DESIGN
412 OLIVE AVE. PALO ALTO, CA 94306
PHONE: 650-226-8770 WWW.EIDARCHITECTS.COM
EID ARCHITECTS
ECO FUNCTIONAL ARCHITECTURE



1 MIXED USE BUILDING SECTION 1
1/8" = 1'-0"



2 MIXED USE BUILDING SECTION 2
1/8" = 1'-0"

6/13/2019 12:01:05 PM

DATE
06/13/2019

201 EL CAMINO REAL - 612 CAMBRIDGE AVE

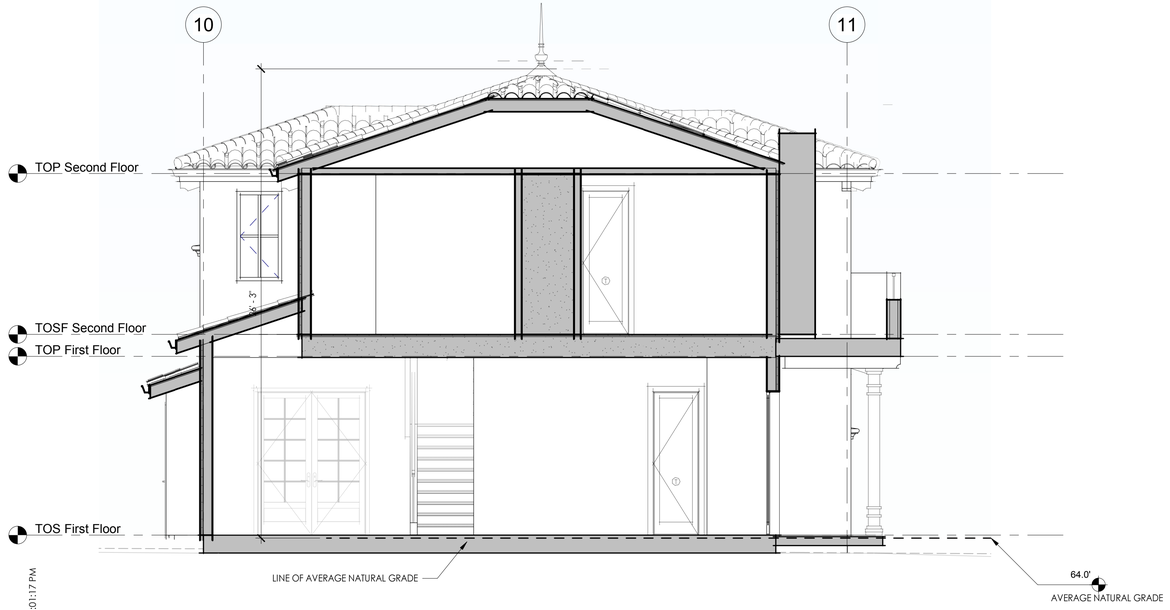
MENLO PARK, CALIFORNIA 94025

SHEET TITLE
BUILDING SECTIONS

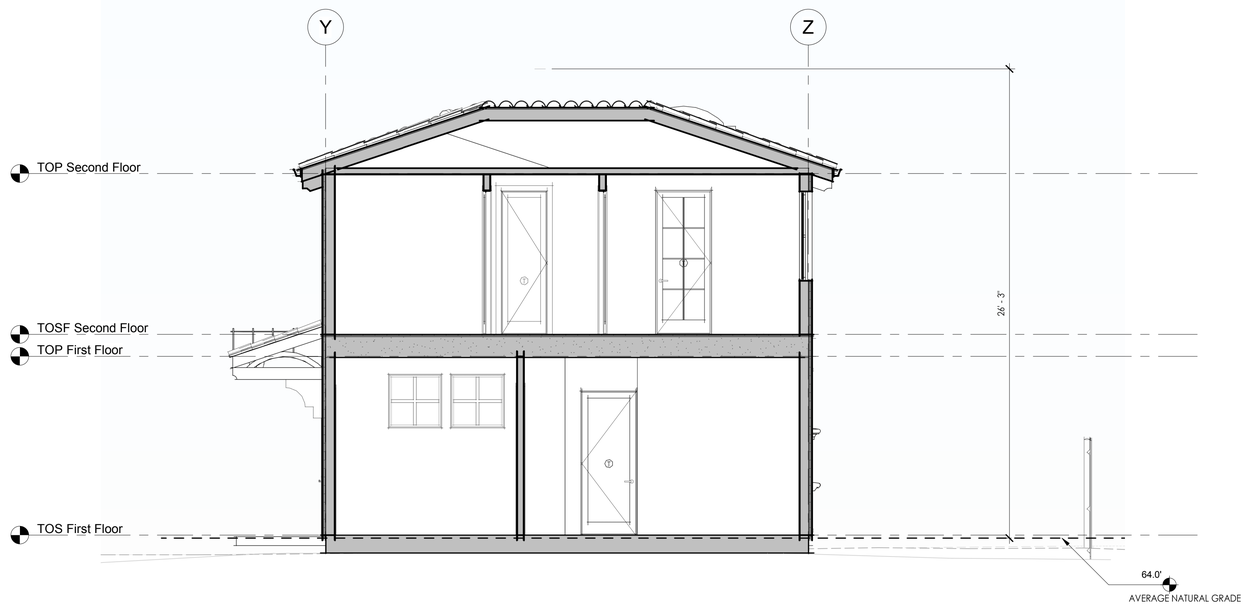
SHEET NUMBER
A-5.4

ENVIRONMENTAL INNOVATIONS IN DESIGN
412 OLIVE AVE. PALO ALTO, CA 94306
PHONE: 650-226-8770 WWW.EIDARCHITECTS.COM
EID ARCHITECTS
ECO FUNCTIONAL ARCHITECTURE

3 MIXED USE BUILDING SECTION 9
1/8" = 1'-0"



1 TOWNHOUSE BUILDING SECTION 1
1/4" = 1'-0"



2 TOWNHOUSE BUILDING SECTION 2
1/4" = 1'-0"

6/13/2019 12:01:17 PM

DATE
06/13/2019

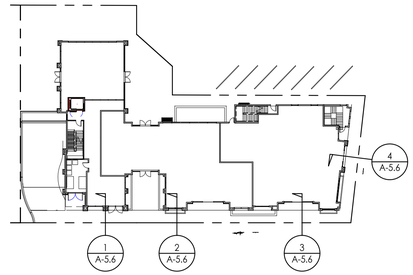
201 EL CAMINO REAL - 612 CAMBRIDGE AVE

MENLO PARK, CALIFORNIA 94025

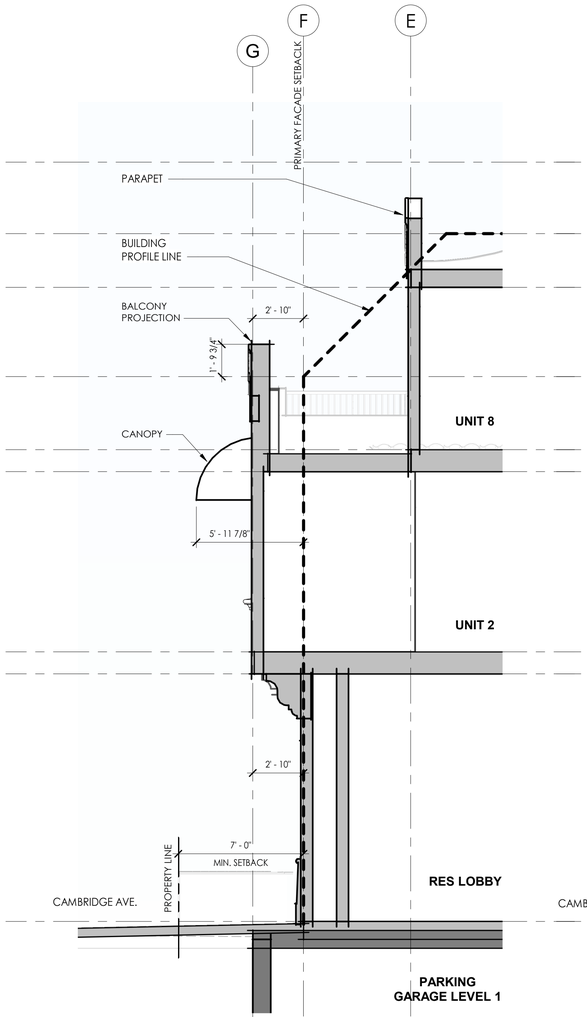
SHEET TITLE
BUILDING SECTIONS

SHEET NUMBER
A-5.5

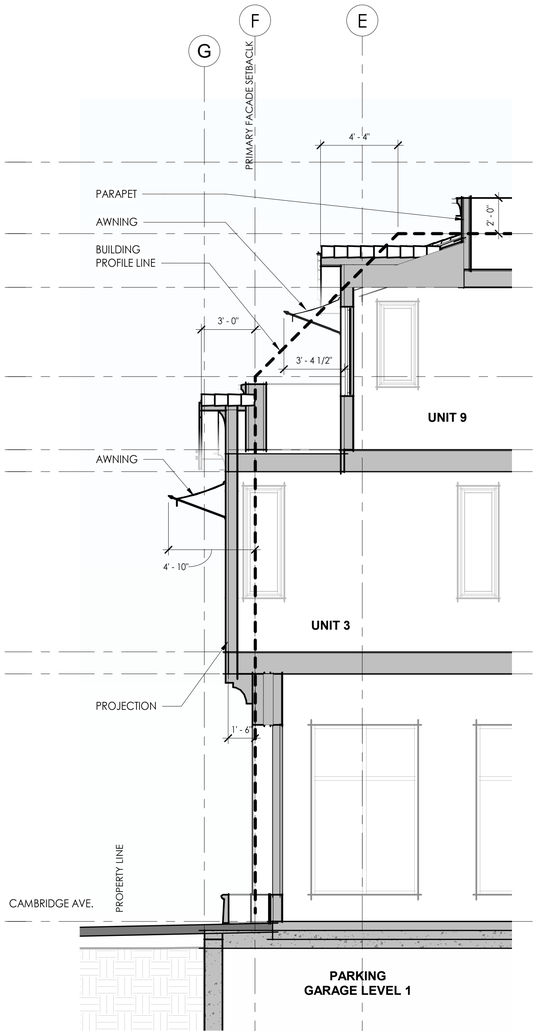
ENVIRONMENTAL INNOVATIONS IN DESIGN
412 OLIVE AVE. PALO ALTO, CA 94306
PHONE: 650-226-8770 WWW.EIDARCHITECTS.COM
EID ARCHITECTS
ECO FUNCTIONAL ARCHITECTURE



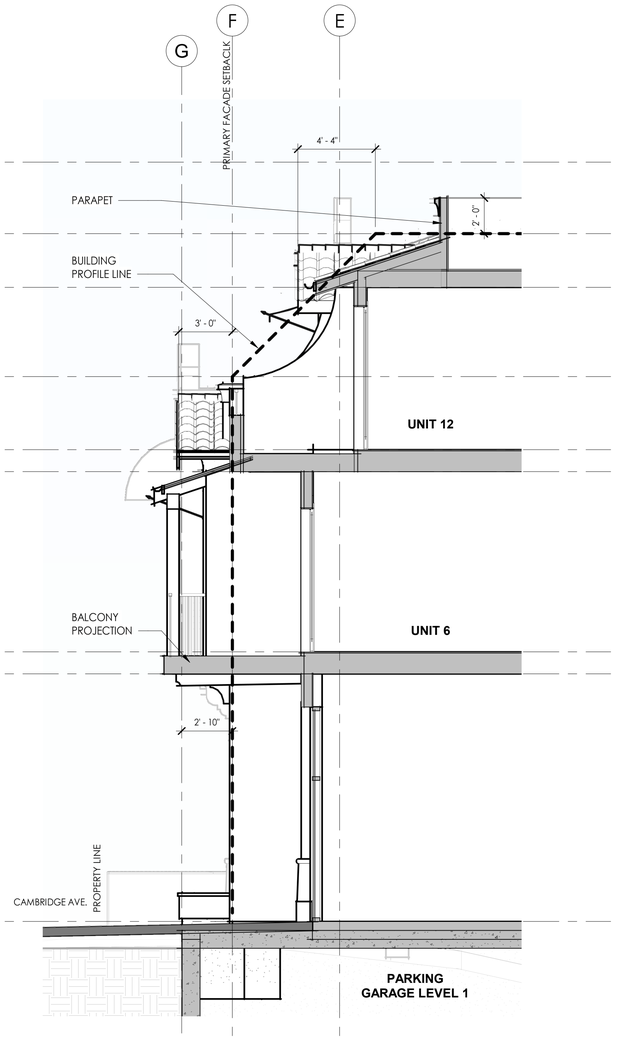
5 MW TOSF 1st Copy 1
1" = 40'-0"



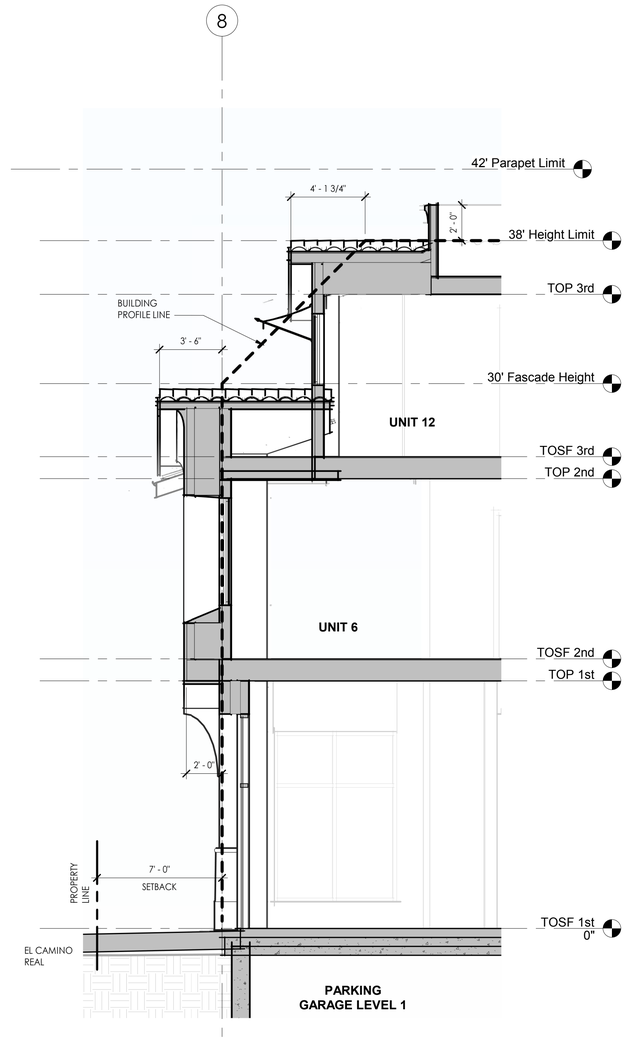
1 MIXED USE BUILDING SECTION 4 - Callout 1
1/4" = 1'-0"



2 MIXED USE BUILDING SECTION 5 - Callout 1
1/4" = 1'-0"



3 MIXED USE BUILDING SECTION 6 - Callout 1
1/4" = 1'-0"



4 MIXED USE BUILDING SECTION 9 - Callout 1
1/4" = 1'-0"

6/13/2019 12:01:29 PM

DATE
06/13/2019

201 EL CAMINO REAL - 612 CAMBRIDGE AVE

MENLO PARK, CALIFORNIA 94025

SHEET TITLE
BUILDING PROFILE

SHEET NUMBER
A-5.6

ENVIRONMENTAL INNOVATIONS IN DESIGN
412 OLIVE AVE. PALO ALTO, CA 94306
PHONE: 650-226-8770 WWW.EIDARCHITECTS.COM
EID ARCHITECTS
ECO FUNCTIONAL ARCHITECTURE

3 3D View - Townhouse Front

1 3D View - Cambridge Ave. 1

2 3D View - Cambridge Ave. 2

6/13/2019 12:03:25 PM

DATE
06/13/2019

201 EL CAMINO REAL - 612 CAMBRIDGE AVE

MENLO PARK, CALIFORNIA 94025

SHEET TITLE
3D VIEWS 1

SHEET NUMBER
A-6.0

ENVIRONMENTAL INNOVATIONS IN DESIGN
412 OLIVE AVE. PALO ALTO, CA 94306
PHONE: 650-226-8770 WWW.EIDARCHITECTS.COM

EID ARCHITECTS
ECO FUNCTIONAL ARCHITECTURE

3 3D View - Mixed Use Side View

1 3D View - Mixed Use on El Camino 2

4 3D View - Mixed Use Rear View

2 3D View - Mixed Use on El Camino 1

6/13/2019 12:05:25 PM

DATE
06/13/2019

201 EL CAMINO REAL - 612 CAMBRIDGE AVE

MENLO PARK, CALIFORNIA 94025

SHEET TITLE
3D VIEWS 2

SHEET NUMBER
A-6.1

ENVIRONMENTAL INNOVATIONS IN DESIGN
412 OLIVE AVE. PALO ALTO, CA 94306
PHONE: 650-226-8770 WWW.EIDARCHITECTS.COM

EID ARCHITECTS
ECO FUNCTIONAL ARCHITECTURE

6/13/2019 07:31:12 PM

DATE
06/13/2019

201 EL CAMINO REAL - 612 CAMBRIDGE AVE

MENLO PARK, CALIFORNIA 94025

SHEET TITLE
RENDERED STREET VIEW OF PROPOSED EL CAMINO

SHEET NUMBER
A-6.2

ENVIRONMENTAL INNOVATIONS IN DESIGN
412 OLIVE AVE. PALO ALTO, CA 94306
PHONE: 650-226-8770 WWW.EIDARCHITECTS.COM

EID ARCHITECTS
ECO FUNCTIONAL ARCHITECTURE

6/13/2019 07:31:41 PM

DATE
06/13/2019

201 EL CAMINO REAL - 612 CAMBRIDGE AVE

MENLO PARK, CALIFORNIA 94025

SHEET TITLE
RENDERED STREET VIEW OF PROPOSED CAMBRIDE AVE

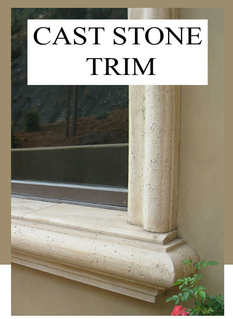
SHEET NUMBER
A-6.3

ENVIRONMENTAL INNOVATIONS IN DESIGN
412 OLIVE AVE. PALO ALTO, CA 94306
PHONE: 650-226-8770 WWW.EIDARCHITECTS.COM

EID ARCHITECTS
ECO FUNCTIONAL ARCHITECTURE

KM " RODEO ROUNDUP"

CAST STONE TRIM



SUNBRELLA CANVAS
SILICA BARLEY

CLAY TILE ROOF

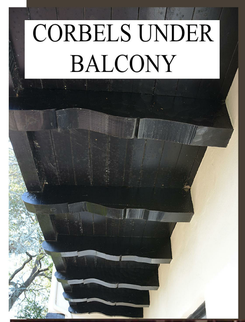
SMOOTH STUCCO
KM "PEARLY WHITE"

VENT PIPES

CHIMNEY

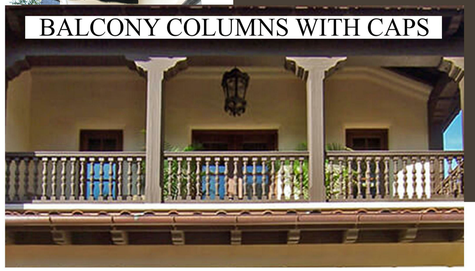
KM "BROWN TRUFFLE"

CORBELS UNDER BALCONY

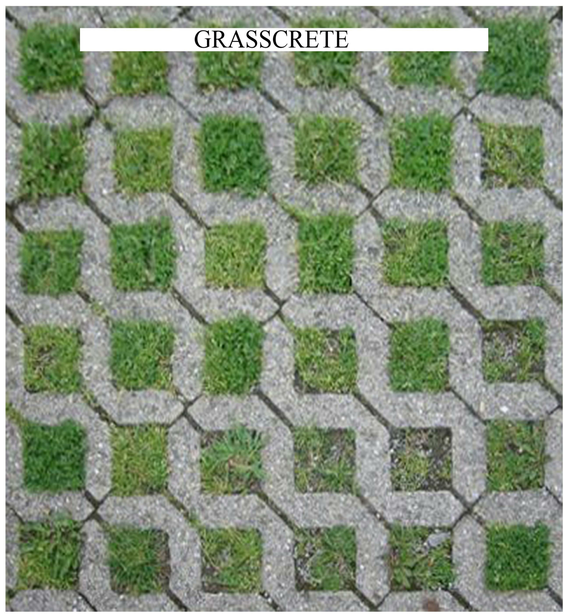


BALCONY TILE

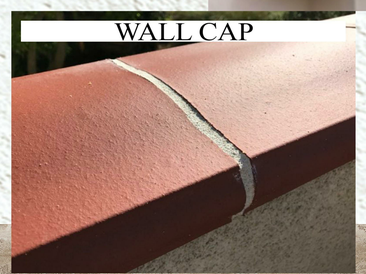
BALCONY COLUMNS WITH CAPS



GRASSCRETE

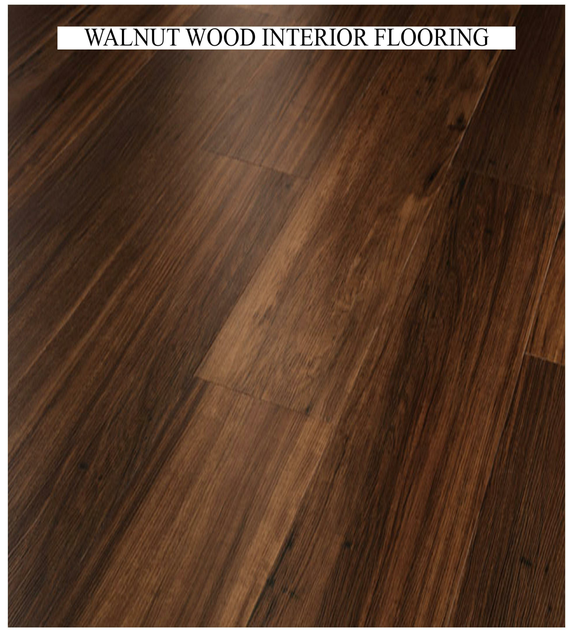


WALL CAP



PATIO FLOOR TILES

WALNUT WOOD INTERIOR FLOORING



6/13/2019 12:05:40 PM

DATE
06/13/2019

201 EL CAMINO REAL - 612 CAMBRIDGE AVE

MENLO PARK, CALIFORNIA 94025

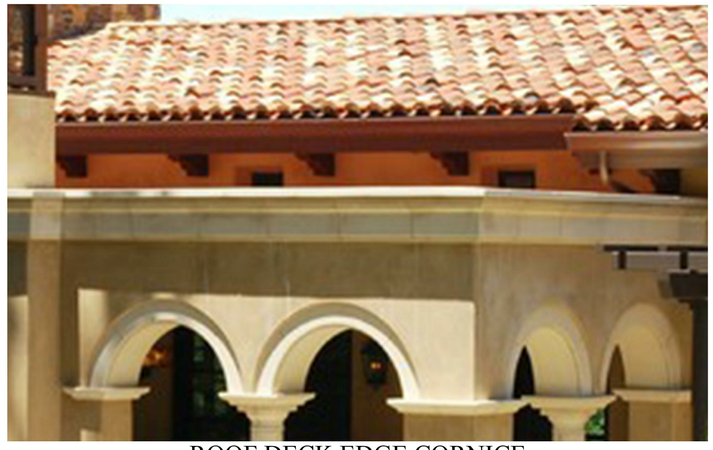
SHEET TITLE
COLORS AND MATERIALS

SHEET NUMBER
A-6.4

ENVIRONMENTAL INNOVATIONS IN DESIGN
412 OLIVE AVE. PALO ALTO, CA 94306
PHONE: 650-226-8770 WWW.EIDARCHITECTS.COM

EID ARCHITECTS
ECO FUNCTIONAL ARCHITECTURE

GLASS ROOF TILES



ROOF DECK EDGE CORNICE

STOREFRONT FRENCH DOOR

ARCHED STOREFRONT DOOR

DOUBLE CASEMENT WITH MULION GRIDS

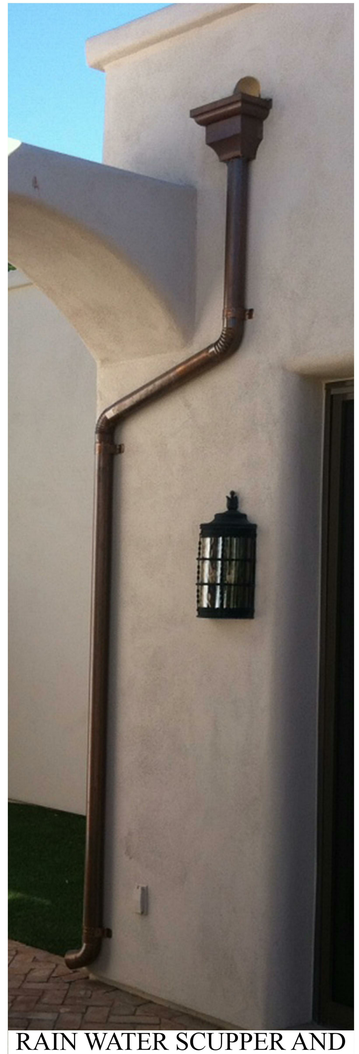
ROUND TOP WINDOW

DIVIDED LIGHT DOUBLE CASEMENT

FABRIC WINDOW AWNINGS

WROUGHT IRON BALCONY RAILING

SIGNAGE



RAIN WATER SCUPPER AND LEADER

WROUGHT IRON PENDANT LAMP

WALL-MOUNTED CORBEL TRELLIS

LIVING WALL PLANT SCREEN

PLANTER BOX

6/13/2019 12:05:53 PM

DATE
06/13/2019

201 EL CAMINO REAL - 612 CAMBRIDGE AVE

MENLO PARK, CALIFORNIA 94025

SHEET TITLE
MATERIALS

SHEET NUMBER
A-6.5

ENVIRONMENTAL INNOVATIONS IN DESIGN
412 OLIVE AVE. PALO ALTO, CA 94306
PHONE: 650-226-8770 WWW.EIDARCHITECTS.COM

EID ARCHITECTS
ECO FUNCTIONAL ARCHITECTURE

SUBMITTAL DATA: CHILLER SERIES SCM036/060

SD-CHS6-0513

Reverse Cycle Heat Pump

STANDARD FEATURES

- Dual System Programmable Compressor (Two Separate Refrigerant Circuits)
- Simple Piping & Plumbing
- Easily Zoned
- 30% Larger Condenser Coil than Traditional Units
- Self Diagnostic Control – Carel Factory Programmed – Field Adjustable
- Low Current (AMP) Requirements
- Simplified Installation & Ease of Service
- Quiet Operation – "Soft Start" Package
- Highest R-410A COP and EER
- No Refrigerant Handling
- Refrigerant Stays Outside the Building
- Low Ambient Antifreeze Protection
- 30% Less Refrigerant than Conventional Split System
- Durable Baked Enamel Finish
- Low Ambient Cooling Enabled
- Automatic Lead/Lag between Compressors
- Easy Service Access

Intertek

☐ **MODEL:** SCM036A4 Qty. _____

HEATING CAPACITY:
KW – 10.4
BTuh – 35,500

COP:
2.70

COOLING CAPACITY:
KW – 11.3
BTuh – 38,500

EER:
9.2

VOLTAGE:
230V/1Ø/60Hz

COMPRESSOR:
Rotary x 2

☐ **MODEL:** SCM060A4 Qty. _____

HEATING CAPACITY:
KW – 17.6
BTuh – 60,250

COP:
2.55

COOLING CAPACITY:
KW – 18.0
BTuh – 61,500

EER:
8.7

VOLTAGE:
230V/1Ø/60Hz

COMPRESSOR:
Rotary x 2

260 North Elm St., Westfield, MA 01085
(800) 465-8558 Fax: (413) 564-5815

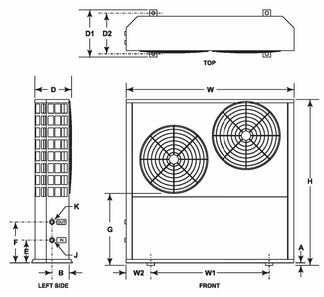
7555 Tranmere Drive, Mississauga, ONT. L5S 1L4 Canada
(905) 670-5888 Fax: (905) 670-5782

www.spacepak.com

PROJECT: _____ **DATE:** _____
LOCATION: _____
CUSTOMER: _____
ENGINEER: _____
SUBMITTED BY: _____
FOR: ☐ **Reference** ☐ **Approval** ☐ **Construction**
UNIT DESIGNATION: _____
SCHEDULE NUMBER: _____

SUBMITTAL DATA: CHILLER SERIES SCM036/060

DIMENSIONS



Model	A Leg height	B Front to return	D Cabinet depth	D1 Mounting lug depth	D2 Mounting lug centers	E Bottom to return	F Bottom to supply	G Base to bottom edge of lower fan	H Overall Height	J Return connection	K Supply connection	W Overall width	W1 Mounting lug centers	W2 Lug center to edge
SCM-036	1	10	17¾	17⅞	15¾	5½	15¼	25	53	1" NPT	1" NPT	43⅜	27½	7 15/16
SCM-060	1	10	17¾	17⅞	15¾	5½	15¼	25	53	1" NPT	1" NPT	43⅜	27½	7 15/16

PERFORMANCE

Cooling Operation – 47°F water

Ambient Temp °F	Capacity BTU/hr	Chiller Power Watts	Chiller COP	Chiller EER
3 Ton SpacePak Chiller				
82	38,553	2,523	4.47	15.28
95	29,694	3,873	2.25	7.67
105	22,880	4,912	1.36	4.66
5 Ton SpacePak Chiller				
82	61,526	5,150	3.50	11.95
95	54,621	5,881	2.72	9.29
105	45,668	6,643	2.01	6.87

Heating Operation

Ambient Temp °F	Capacity BTU/hr	Chiller Power Watts	Chiller COP	Water Supply Temp.
3 Ton SpacePak Chiller				
45	35,536	3,855	2.70	115
32	26,295	3,472	2.22	110
20	20,245	3,103	1.91	105
5 Ton SpacePak Chiller				
45	60,256	6,919	2.55	115
32	42,770	5,927	2.11	110
20	24,769	4,125	1.76	105

6/13/2019 12:06:08 PM

6. AC CHILLER SPECS AND NOISE LEVELS

Section 2: Specifications and ratings

Figure 1 Model SCM rating data

Item	Units	SCM-036	SCM-060	Item	Units	SCM-036	SCM-060
Cooling capacity *(Note 2)*	Btuh / KW	34,000 / 10.0	46,000 / 13.5	Supply voltage	VAC	230/1/60	230/1/60
Heating capacity *(Note 3)*	Btuh / KW	44,000 / 13.0	60,000 / 17.0	Running current, cooling *(Note 1)*	Amps	17.6	26.4
Fan speed	RPM	850	850	Running current, heating *(Note 1)*	Amps	13.1	21.3
Noise level	dB(A)	56	56	MCA *(Note 1)*	Amps	19.7	30.3
Water volume	Gallons	2	2.5				
Supply connection	Inches NPT	1	1	Return connection	Inches NPT	1	1
Minimum supply temperature	°F	36	36	Maximum supply temperature	°F	125	125
Minimum flow	GPM	7	10	Maximum flow	GPM	12	15
Pressure drop at minimum flow	Feet WC	8	17	Pressure drop at maximum flow	Feet WC	21	28
Net weight	Lbs	337	386	Operating weight	Lbs	354	407
Shipping weight	Lbs	346	395	Shipping dimensions	Inches	47 x 18 x 60	47 x 18 x 60

Note 1: Electrical ratings DO NOT include water pump amp draw. This pump is supplied by the installer. Add the current draw of the pump to the values listed above. Adjust the MCA accordingly.
Note 2: Performance at 95° ambient temperature, 47° water
Note 3: Performance at 45° ambient temperature, 115° water

Figure 2 Model SCM coding

Typical model	S		C	M	0	6	0	A	4
Position	1	2	3		4	5	6	7	8
Designation	Unit Type				Capacity			Series	Refrigerant type
Values	**SCM** = SpacePak Heat Pump/Chiller Module				**036** = 3 ton nominal **060** = 5 ton nominal			**A** = Series "A"	**4** = R410A
Examples	**SCM-036-A-4** = 3 ton nominal, series A, using R410A referigerant, SpacePak Heat Pump/Chiller Module **SCM-060-A-4** = 5 ton nominal, series A, using R410A referigerant, SpacePak Heat Pump/Chiller Module								

Standard equipment

- Heat pump/chiller, including two refrigeration systems, factory-programmed controller, fans and all required internal components
- Powder-coated enclosure
- Auxiliary electric immersion heater (3 KW, 230V/1/60) — requires separate electrical power circuit, 15-amp minimum breaker

Additional components required

- Pump and piping by others
- Expansion tank, properly sized for system volume
- SpacePak Chiller Interface Module

Model **SCM** Air to Water Heat Pump — Installation, Operation & Maintenance Manual

Section 4: LOCATION & MOUNTING

WARNING Failure to comply with all of the guidelines IN THE FOLLOWING could result in death, serious injury or substantial property damage.

NOTICE The installation must comply with all applicable local codes.

Prepare the unit

- Inspect the unit for shipping damage. DO NOT use if there is a risk that the damage could affect unit operation.
- Make sure all required components are available.
- Install optional immersion heater, if used. See instructions provided with the heater.

Location

- DO NOT locate where the unit could be sprayed by sprinklers.
- DO NOT locate near swimming pools, spas or any location that could cause chlorine or other contaminant to enter the unit.
- DO NOT locate where water run-off from adjacent structures could impinge on the unit.
- Maintain the clearances shown in Figure 5.
- LOW AMBIENT conditions — Contact SpacePak Technical Support to obtain low ambient adjustment instructions if cooling operation below 55°F is required.
- CORROSIVE ENVIRONMENTS — Do not install the unit in an area subject to sea air or other potential corrosive contaminants.
- INDOOR INSTALLATION — If the unit is installed inside a building, the building must be equipped with air openings sufficient to ensure free discharge of heated (or cooled) air generated by the heat pump/chiller. All clearances must be maintained to ensure free air flow into and out of the enclosure. Make sure no other equipment located in the space will be affected by the unit's air flow.

Handling

- See Figure 4.
- Place padding at pressure points to prevent damage to the enclosure.
- Use caution when handling. The unit is heavy and could cause severe injury or damage if dropped or handled incorrectly.

Figure 4 Handling with cables

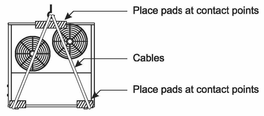
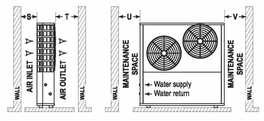


Figure 5 Maintain clearances below



Minimum clearances (inches)			
S	**T**	**U**	**V**
20	59	40	20

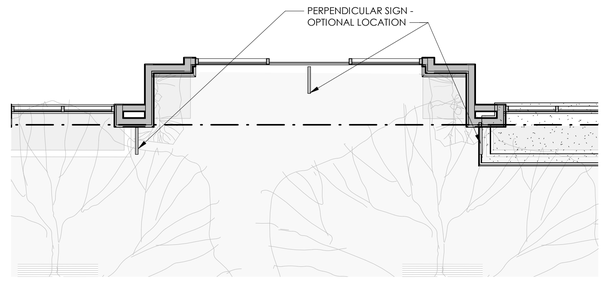
Mounting pad

- The SpacePak heat pump/chiller must be mounted on a level corrosion- and weather-resistant mounting surface, preferably concrete. The structural support must be suitable for the operating weight of the unit and attached components, its mounting pad, snow loading and any other expected loads.
- The mounting pad must not be attached directly to a structure where noise transmission would be objectionable.
- Vibration isolators supplied with the chiller may be installed when desired to reduce transmitted vibration.
- The unit must be bolted securely to the pad. Where required by local jurisdiction, the mounting must also be analyzed for seismic loading capability.
- The mounting must ensure that there will be no debris accumulation which might block air flow through the enclosure openings. ***The lower edge of the lower fan opening must be above the typical snow line, including allowance for drifting.***
- There must be no accumulation of water that could reach the bottom of the unit's enclosure.

4. GLASS TILE ROOF

5. TOWNHOUSE PATIO DORMER

RETAIL



A **TYP. ENTRY SIGNAGE PLAN**

B **TYP. ENTRY SIGNAGE ELEVATION**

3. MASTER SIGN PLAN

2. PERPENDICULAR SIGN - OPT. A

2. PERPENDICULAR SIGN - OPT. B

1. LED ADDRESS/ COMMERCIAL SIGNAGE

DATE
06/13/2019

201 EL CAMINO REAL - 612 CAMBRIDGE AVE

MENLO PARK, CALIFORNIA 94025

SHEET TITLE
GLASS TILE ROOF & AC CONDENSER SPECS

SHEET NUMBER
A-6.7

ENVIRONMENTAL INNOVATIONS IN DESIGN
412 OLIVE AVE. PALO ALTO, CA 94306
PHONE: 650-226-8770 WWW.EIDARCHITECTS.COM

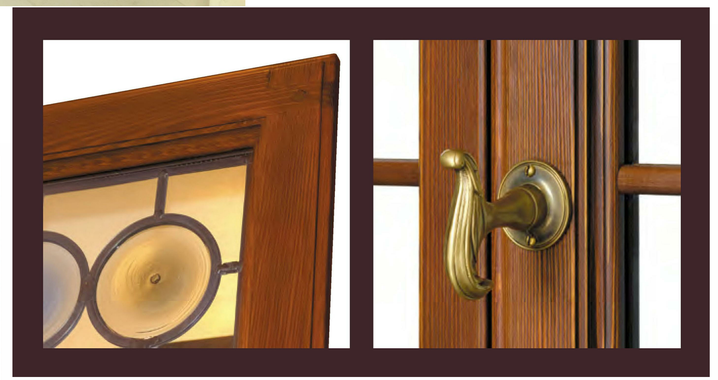
EID ARCHITECTS
ECO-FUNCTIONAL ARCHITECTURE

INTERIOR VIEW OF FRENCH DOOR

EXTERIOR FRENCH DOOR

DARK DIVIDED WINDOW

WOOD WINDOW



CLOSE UP OF HANDLE
AND OBSCURE WINDOW

INTERIOR SIDE
SHOWING HARDWARE

IN SWING CASEMENT

EXTERIOR SIDE

TOP VIEW OF CASEMENT
COMING TOGETHER

DOUBLE CASEMENT WOOD WINDOW BY COORITALIA

COORITALIA
www.cooritalia.com

FABBIO DESIGN

Falegnameria Fabbio was founded in San Biagio di Callalta (TV) in 1957 by Gino Fabbio as an artisan wood shop with focus on manufacturing high quality windows and doors.
The business has been run since then with creativity and passion; in 1980 Luigino Fabbio enters the family business and starts developing an old world window model that is the perfect replacement in the many renovations of historical buildings in the Veneto area. The historical line is still built today as it was once by using old dove tail techniques, original architectural design, antiquing processes and natural oils and wax.
Thank to Luigino's knowledge and passion for history and details over the years Fabbio has developed various lines of product that are used in restoration of buildings from the XVII-XVIII-XIX century.

In 2005 the new Fabbio Design is born with the intent of completing the historical line with a contemporary line more suitable for today's modern architecture. The new innovative Extrema has a frameless design with a "clean" look and is a perfect match for modern design. Fabbio Design has grown over the years adding new lines like the "Fly" that maintains all the quality details of a Fabbio Design product in today's competitive market or the "Museo" which has been developed for a custom project and with its unique bronze exterior clad represent a top of the line product.
To manufacture a great window you must start with high quality wood; Fabbio Design uses only the best woods sourced from Forest Stewardship Council (FSC) sources, as well as being FSC certified themselves. The finishing oils, stains, waxes are chosen for both their high quality and eco-friendly characteristics.

In pursuing the philosophy of innovation and on-going commitment to provide a better service to the customer in 2013 Fabbio Design inaugurated the new headquarters in San Biagio di Callalta near Venice – Italy, with over 32,000 sf of manufacturing capabilities, including state of the art CNC machines, and the new Fabbio USA LLC with headquarters in San Francisco, CA

Flexibility is the essence of Fabbio Design. No project is too big or too small, weather our customers want something simple or something highly customized, something antique or something modern we are here to help and we can do it with a quality of craftsmanship that is second to none.

HISTORY OF FABBIO DESIGN

6/13/2019 12:06:28 PM

DATE
06/13/2019

201 EL CAMINO REAL - 612 CAMBRIDGE AVE

MENLO PARK, CALIFORNIA 94025

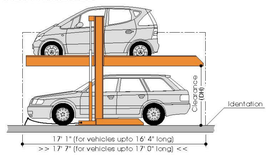
SHEET TITLE
WINDOW & DOOR IMAGES

SHEET NUMBER
A-6.8

ENVIRONMENTAL INNOVATIONS IN DESIGN
412 OLIVE AVE. PALO ALTO, CA 94306
PHONE: 650-226-8770 WWW.EIDARCHITECTS.COM

EID ARCHITECTS
ECO FUNCTIONAL ARCHITECTURE

STACK PARKER G61



STACK PARKER

G61/G62/G63

Car Parking System 2000

Mass:

All measurements are minimum.
Tolerance +3 cm, -0 cm.
EB (Single Platform) = 2 cars
DB (Double Platform) = 4 cars

Suitable For:

Standard passenger cars and station Wagons

		Vehicle Height	
Type	DH*	Below	Middle
G61-170	5' 6"	5' 2"	-
G61-190	6' 2"	5' 9"	-
G61-210	6' 9"	6' 6"	-
G62-170	5' 1"	4' 9"	-
G62-185	5' 6"	5' 4"	-
G62-195	5' 9"	5' 7"	-
G63-330	5' 0"	4' 9"	4' 9"
G63-370	5' 7"	5' 6"	5' 6"

Width	6' 2"
Weight	max. 3307 lbs
Wheel Load	max. 826.73 lbs

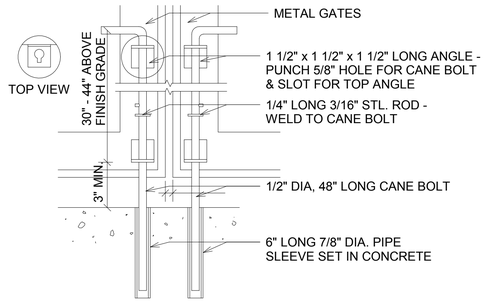
KLAUS
Car Parking Systems

KLAUS PARKING SYSTEMS ATLANTIC, INC.
42 Metcalfe Street Toronto Ontario
M4X 1R8 Canada

Phone: 416-925-2614
Fax: 416-925-3096

E-Mail: info@KlausParking.com
Website: www.klausparking.com

5 CAR STACKER
12" = 1'-0"

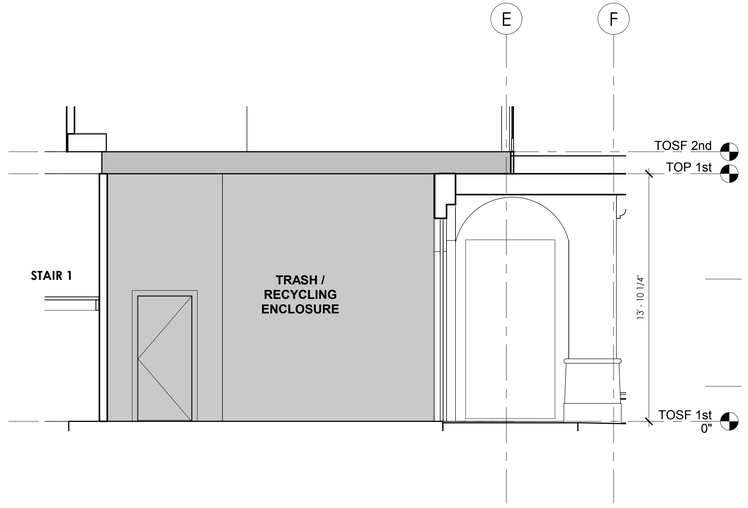


4 LOCKING MECHANISM
3/8" = 1'-0"

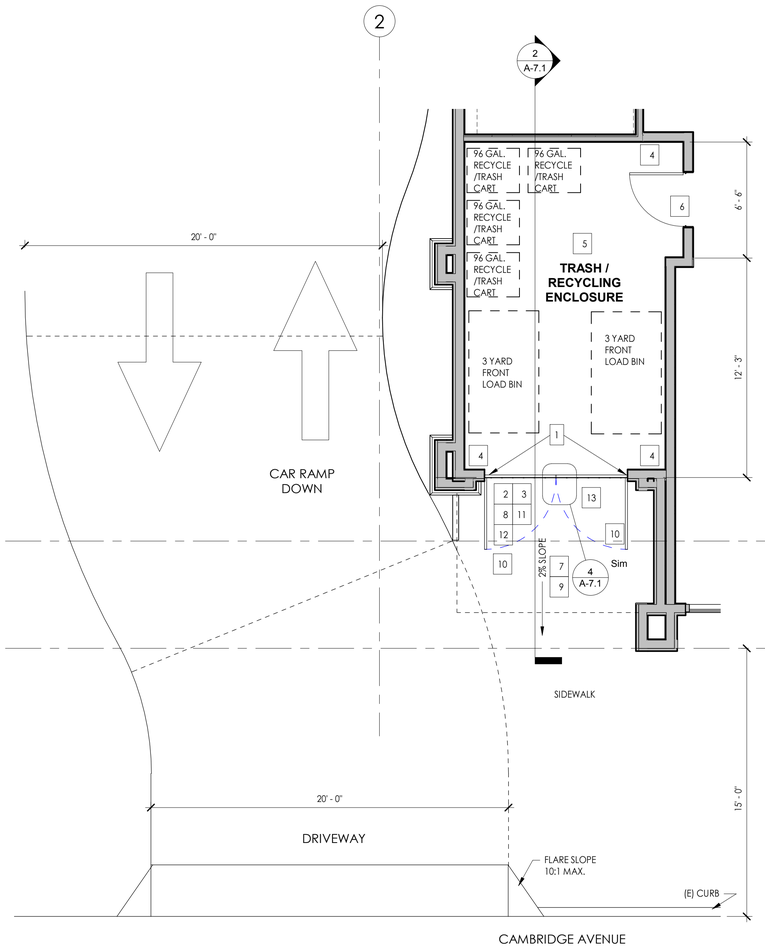
NOTES

1. HSS 4x4x1/4 STEEL POST @ HINGE SIDE OF GATE, CONC. FILLED, PRIMED AND PAINTED TO MATCH WALLS.
2. 18 GAUGE METAL FRAME TUBE STEEL.
3. GALVANIZED STEEL HARDWARE & FASTENERS.
4. RE: STRUCTURAL DRWGS FOR CONC. SLAB, REINFORCEMENT & WALLS.
5. MOTION ACTIVATED, WALL-MOUNTED LED LIGHTING, VANDAL RESISTANT.
6. 3'-0" DOOR TO BE EASILY ACCESSIBLE FOR RESIDENTS TRASH / RECYCLING ACCESS.
7. STRESS PAD TO WITHSTAND MIN. WEIGHT OF 56,000 LBS COLLECTION TRUCK.
8. GATES TO BE PAINTED TO MATCH BLDG ACCENT FEATURES.
9. DESIGN, ENGINEERING, AND CONSTRUCTION NOT SPECIFICALLY NOTED SHALL BE IN ACCORDANCE WITH ACCEPTED INDUSTRY STANDARDS AND OF FIRST QUALITY
10. SECONDARY CANE BOLT RETAINER TO BE PLACED FOR EACH GATE SUCH THAT GATE IS HELD IN A POSITION 90° TO THE CLOSED POSITION.
11. 20 GAUGE VERTICAL CORRUGATED METAL PANEL AND/OR - VERTICAL RUSTICATED WOOD PLANK.
12. ANGLE IRON REINFORCED FASTENING ALONG EDGE OF CORRUGATED PANEL AND METAL TUBE FRAME, WHERE APPLICABLE.
13. 1/2" DIA. STOCK SLIDE BARREL BOLT (LOCKABLE).

3 TRASH / RECYCLING NOTES
N.T.S.



2 TRASH-RECYCLING ENCLOSURE ELEVATION
1/4" = 1'-0"



1 TRASH-RECYCLING ENCLOSURE PLAN
1/4" = 1'-0"

6/13/2019 12:06:30 PM

DATE
06/13/2019

201 EL CAMINO REAL - 612 CAMBRIDGE AVE

MENLO PARK, CALIFORNIA 94025

SHEET TITLE
TRASH-RECYCLING ENCLOSURE AND CAR STACKERS

SHEET NUMBER
A-7.1

ENVIRONMENTAL INNOVATIONS IN DESIGN
412 OLIVE AVE. PALO ALTO, CA 94306
PHONE: 650-226-8770 WWW.EIDARCHITECTS.COM

EID ARCHITECTS
ECO FUNCTIONAL ARCHITECTURE

Beyond Efficiency

Berkeley, CA • Truckee, CA • Jackson, WY
(415) 236-1333 (530) 208-0112 (307) 200-7236
P.O. Box 9279, Jackson, WY 83002 • team@beyondefficiency.us

PROJECT NARRATIVE: Enduring Human-Centered Building

This project is intended to 1) enhance occupants' well-being and quality of life, 2) minimize long-term operations and maintenance costs, and 3) support a healthy natural environment. This narrative outlines overarching goals for the project and is intended to provide high-level guidance to the ownership, design and construction team on best practices and performance goals. Specific methods, systems, materials, and products will be specified in design development and construction documents.

Integrated Design Approach

The team will invest in an integrated design process throughout the entire project lifecycle to facilitate communication and collaborative problem solving. This approach requires the project team to consider the whole building as an integrated collection of its systems, considering how each decision impacts other disciplines and overall project goals. To support this approach, we will schedule a design charrette during the conceptual design phase. A charrette is an interdisciplinary session involving all key disciplines and can help facilitate efficient, common-sense, achievable strategies for optimizing a project's environmental performance.

Site integration and community activation

Native drought-tolerant landscaping that integrates rain gardens and bioswales create an attractive, environmentally responsible, integrated storm water management system for the site. Attractive streetscapes, seating, pedestrian-scale landscaping, decorative light fixtures, awnings and trellises, public art, and other features create an inviting, lively sidewalk experience. Convenient and plentiful short-term and long-term bicycle parking, gear storage areas, strong connections to sidewalks and bike lanes, and other design features encourage biking, walking and other outdoor activities.

Space and material efficiency

A compact, efficient building layout maximizes residential density while providing inviting homes and community gathering spaces. Prefabricated building components, resource-efficient design approaches, careful material takeoffs, and reuse of waste materials where appropriate minimize on site construction waste. Prefabricated components could also significantly reduce construction time, reducing carrying costs and allowing residents to move into their homes months earlier.

Energy efficiency

Passive design strategies including above-code levels of insulation, highly airtight enclosures verified with blower door testing, heat-recovery ventilation, and high-performance windows are prioritized. Optimizing efficiency of the building envelope minimizes heat loss in winter and heat gains in summer and maximizes comfort while

significantly reducing peak heating and cooling loads. This allows the mechanical system to be downsized greatly reducing energy use for the lifetime of the building.

Windows are optimized for daylight penetration deep into spaces, and external window shading provides effective sun control on south and west façades to minimize overheating and the need for active cooling. Ceiling fans in common rooms, living areas and bedrooms provide low-tech comfort. 100% LED lighting, occupancy sensors, and ENERGY STAR appliances round out the energy efficiency strategy.

Whole-building energy modeling will be performed to assess proper levels of investment in the building envelope and equipment efficiency. Analyses will reveal projected performance of various options with regard to heating and cooling loads, energy usage, and utility costs.

Electricity monitoring systems will be integrated to allow for troubleshooting of problem equipment, controls or management practices; and supports ongoing understanding of energy usage for continuous feedback and improvement.

Renewables and zero energy

With a passive design approach, a zero energy goal may be within reach. We are interested in exploring opportunities to design the project to be "zero energy ready," or integrate solar photovoltaic (PV) panels or solar thermal water heating to achieve zero energy.

Water quality and conservation

Native drought-tolerant landscaping that integrates rain gardens and bioswales create an attractive, environmentally responsible, integrated storm water management system for the site. High-efficiency toilets, low-flow showerheads, on-demand hot water circulation, and drip irrigation with weather-based controllers will conserve water and save money for owners.

Certification Programs

Certification Programs are a tool to help a project team create a building that has a positive impact on the users and the environment. Rather than focus on achieving a certain level or number of points the project aims to use the program to support the holistic building goals. Programs that may be a good fit for the project include:

- LEED – Healthy, highly efficiency and cost savings green buildings
- Living Building Challenge – Rigorous proven performance standard based on regenerative design framework
- WELL – Advancing health and well-being
- Fitwel – Optimizes buildings to support health
- GPR – Healthy, comfortable, durable and resource efficient homes

LEED-BD+C: Homes and Multifamily Lowrise v4 - LEED v4

201 El Camino Real & 612 Cambridge Avenue Scorecard (ID: TEST B)

Project Address: **201 El Camino Real , Menlo Park, CA 94025, San Mateo**

Note: The information on this tab is READ ONLY. To edit this information, see the Credit Category tabs.

Integrative Process		**Preliminary**	Y	2 of 2	M	?	**Verified**	0
IPc	**Integrative Process**			2 of 2		?		
Location and Transportation		**Preliminary**	Y	13.5 of 15	M	?	**Verified**	0
LTp	Floodplain Avoidance			Required				Not Verified
Performance Path								
LTc	LEED for Neighborhood Development			0 of 15		0		
Prescriptive Path								
LTc	Site Selection			8 of 8		?		
LTc	Compact Development			3 of 3		0		
LTc	Community Resources			1 of 2		0		
LTc	Access to Transit			1.5 of 2		0		
Sustainable Sites		**Preliminary**	Y	6 of 7	M	2.5	**Verified**	0
SSp	Construction Activity Pollution Prevention			Required				Not Verified
SSp	No Invasive Plants			Required				Not Verified
SSc	Heat Island Reduction			2 of 2		?		
SSc	Rainwater Management			2 of 3		?		
SSc	Nontoxic Pest Control			2 of 2		0.5		
Water Efficiency		**Preliminary**	Y	6 of 12	M	?	**Verified**	0
WEp	Water Metering			Required				Not Verified
Performance Path								
WEc	Total Water Use			6 of 12		0		
Prescriptive Path								
WEc	Indoor Water Use			0 of 6		0		
WEc	Outdoor Water Use			3 of 4		?		
Energy and Atmosphere		**Preliminary**	Y	17.5 of 38	M	4.5	**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			10.5 of 25		0		
EAc	Efficient Hot Water Distribution System			2 of 5		2		
EAc	Advanced Utility Tracking			1 of 2		?		
EAc	Active Solar-Ready Design			1 of 1		0		
EAc	HVAC Start-Up Credentialing			0 of 1		?		
EAc	Lighting			1 of 2		0.5		
EAc	High-Efficiency Appliances			2 of 2		0		
Materials and Resources		**Preliminary**	Y	7.5 of 10	M	0	**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			2.5 of 4		0		
MRc	Construction Waste Management			2 of 3		0		
MRc	Material-Efficient Framing			2 of 2		0		

Indoor Environmental Quality		**Preliminary**	Y	13.5 of 16	M	2	**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			1.5 of 2		?		
EQc	Balancing of Heating and Cooling Distribution Systems			3 of 3		0		
EQc	Enhanced Compartmentalization			1 of 1		0		
EQc	Combustion Venting			2 of 2		0		
EQc	Enhanced Garage Pollutant Protection			1 of 2		0		
EQc	Low-Emitting Products			2 of 3		?		
Innovation		**Preliminary**	Y	3 of 6	M	0	**Verified**	0
INp	Preliminary Rating			Required				Not Verified
INc	Innovation			2 of 5		0		
INc	LEED Accredited Professional			1 of 1		0		
Regional Priority		**Preliminary**	Y	2 of 4	M	2	**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	71 of 110	M	14	**Verified**	0

Certification Thresholds Certified: 40-49, Silver: 50-59, Gold: 60-79, Platinum: 80-110

6/13/2019 12:06:46 PM

DATE
06/13/2019

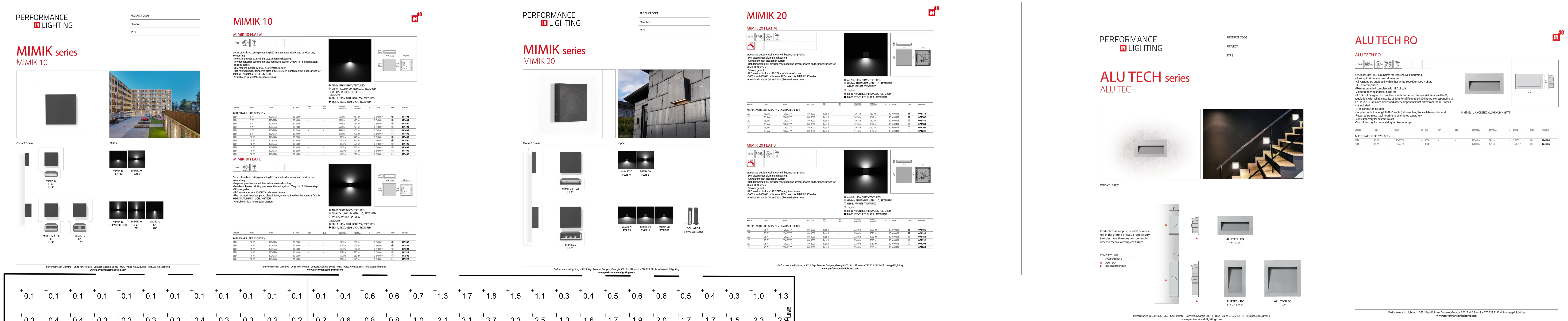
201 EL CAMINO REAL - 612 CAMBRIDGE AVE
MENLO PARK, CALIFORNIA 94025

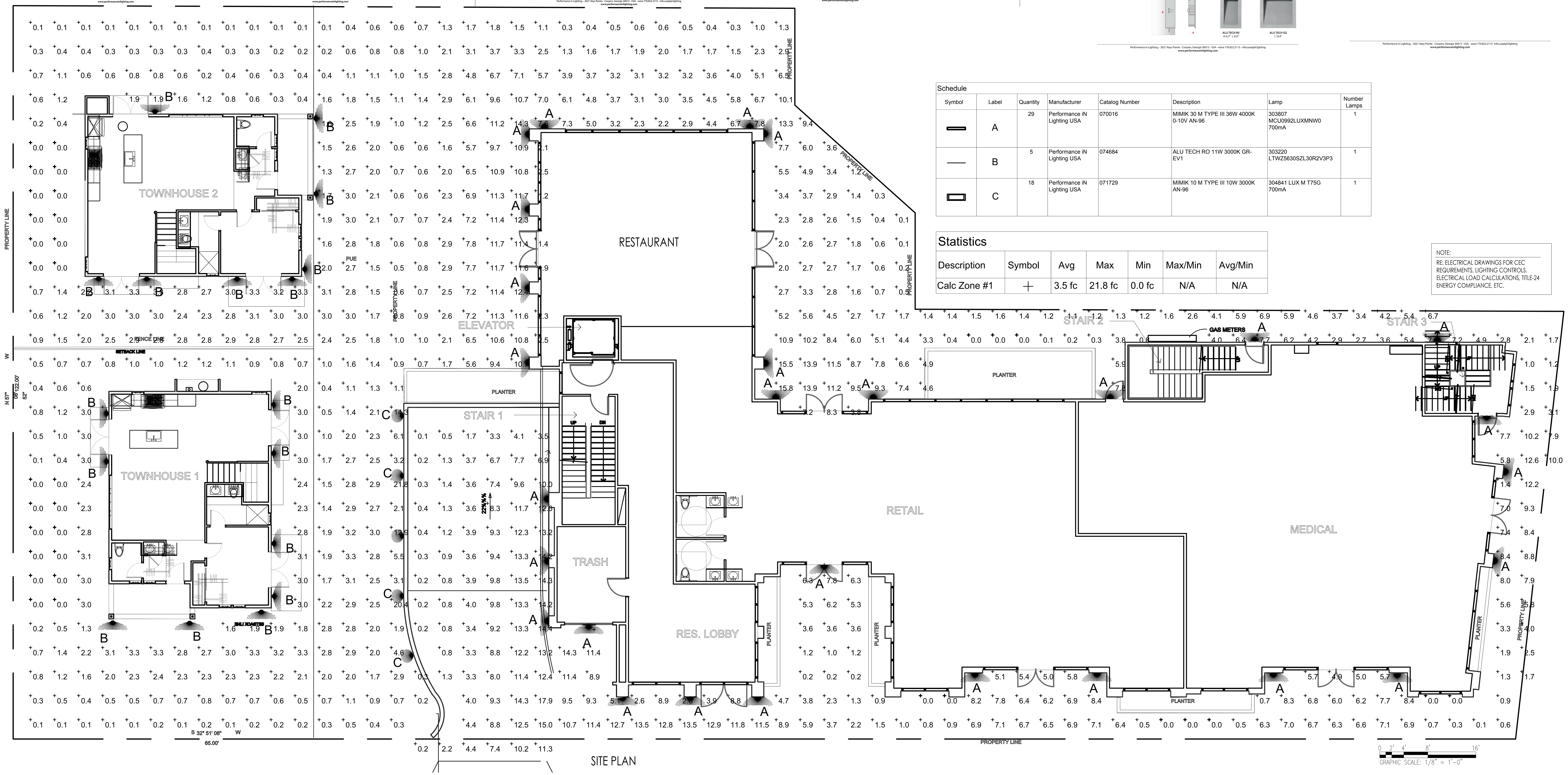
SHEET TITLE
LEED BUILDING INFO

SHEET NUMBER
LEED-1.0

ENVIRONMENTAL INNOVATIONS IN DESIGN
412 OLIVE AVE. PALO ALTO, CA 94306
PHONE: 650-226-8770 WWW.EIDARCHITECTS.COM

EID ARCHITECTS
ECO FUNCTIONAL ARCHITECTURE





Schedule

Symbol	Label	Quantity	Manufacturer	Catalog Number	Description	Lamp	Number Lamps
	A	29	Performance iN Lighting USA	070016	MIMIK 30 M TYPE III 36W 4000K 0-10V AN-96	303807 MCU0992LUXMNW0 700mA	1
	B	5	Performance iN Lighting USA	074684	ALU TECH RO 11W 3000K GR-EV1	303220 LTWZ5630SZL30R2V3P3	1
	C	18	Performance iN Lighting USA	071729	MIMIK 10 M TYPE III 10W 3000K AN-96	304841 LUX M T75G 700mA	1

Statistics

Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
Calc Zone #1	+	3.5 fc	21.8 fc	0.0 fc	N/A	N/A

NOTE:
RE: ELECTRICAL DRAWINGS FOR CEC REQUIREMENTS, LIGHTING CONTROLS. ELECTRICAL LOAD CALCULATIONS, TITLE-24 ENERGY COMPLIANCE, ETC.

PRINT DATE: 1/31/2019

DATE
06/13/2019

201 EL CAMINO REAL - 612 CAMBRIDGE AVE

MENLO PARK, CALIFORNIA 94025

SHEET TITLE
SITE PLAN
LIGHTING PHOTOMETRIC

SHEET NUMBER
RCP-1.1

ENVIRONMENTAL INNOVATIONS IN DESIGN
412 OLIVE AVE. PALO ALTO, CA 94306
PHONE: 650-226-8770 WWW.EIDARCHITECTS.COM

EID ARCHITECTS

McGraw-Edison

Catalog #	Type
Project	
Comments	Date
Prepared by	

DESCRIPTION

The TopTier™ parking garage, canopy and low-bay luminaire is an innovative solution that delivers an unparalleled combination of performance and visual comfort. The patented WaveStream™ optical technology blocks the line of sight from the LED light sources to the observer, while extending the maximum amount of light on task. This unique optical design is the ideal solution for parking garage facilities that enhances safety in the application environment. The TopTier luminaire is UL/cUL listed for wet locations, IP66 and 3G vibration rated.

SPECIFICATION FEATURES

Construction
One-piece, low copper die-cast aluminum housing provides a clean and symmetric housing. Formed aluminum top is sloped to shed water and debris. Tool-less electrical tray allows for easy electrical access for field servicing.

Optics
Precise optical distributions are accomplished using various combinations of reflective backing plates and WaveStream optical technology. The optical Waveguide lens is manufactured of Acrylic Injection molded acrylic. The optics contain features that form a repeatable and redundant pattern to direct light in a precisely prescribed distribution. The drive lane distribution is specifically designed to maximize the travel direction of travel to optimally direct light in the same direction of travel for maximum glare control. For additional glare control and improved uniformity in the distribution, specify the SG option which adds a Soiletti glass lens that works in combination with the Wavegiude lens and reflective backing plate.

Offered standard in 4000K (wh 2700) CCT, optional 3000K, 5000K and 6000K. Minimum 70 CRI. Optional daylight feature provides a dedicated light engine (17W) to compensate for natural light in daylit fixtures and reduces cave effect. Nominal uplight output is 800 lumens and ranges from 10%-30% total light output depending on the lumen package.

Electrical
LED driver(s) are mounted to metal electrical tray for optimal thermal performance. 120V, 208V, 240V, 347V 60Hz or 480V 60Hz operation. 480V is compatible for use with 480Y Wye systems only. Standard with 0-10V dimming driver(s), specify ELTD for Fifth Light DALI driver(s). Shipped standard with 6kV surge protection and designed to withstand 10kV of transient line surge. Greater than 90% lumen maintenance expected at 60,000 hours, based off LM-80 data and TM-21. For 50°C (122°F) ambient temperature applications from -40°C (-40°F) to 40°C (104°F), for 50°C (122°F) applications, specify the HA high ambient option. IP66 rated against the ingress of dust and water.

Mounting
Standard fixture mounts to a square or octagonal 4" surface or recessed j-box via keyhole quick mount bracket. Optional accessories include a pole trunnion mount and wall mount. With the addition of a field supplied wet location j-box, the luminaire can be pendant mounted using 1/2" NPT conduit entry. Decorative pendant mount kit or a suitable field supplied pendant.

Finish
Housing finished in white super durable TGIC polyester powder coat paint with 2.5 mil nominal thickness for superior protection against fade and wear. Optional colors include black, bronze, grey, dark platinum and graphite metallic. Custom color matches available. Consult the McGraw-Edison Architectural Colors brochure for the complete selection.

Warranty
Five-year warranty.

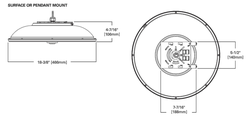
TT TOPTIER LED

Solid State LED

PARKING GARAGE/ CANOPY/ LOW-BAY LUMINAIRE

DIMENSIONS

SURFACE OR PENDANT MOUNT



powered by fifthlight

CERTIFICATION DATA
UL/cUL Wet Location Listed
3G Vibration Rated
IP66 Rated, Gasket Compliant
RSH Tested
ISO 9001
DesignLights Consortium™ Qualified*

ENERGY DATA
Electronic LED Driver
>0.90 Power Factor
<20% Total Harmonic Distortion
120-277VAC & 60Hz, 347VBVAL, 480VAC
-40°C Min. Temperature
40°C Max. Temperature
50°C Max. Temperature (HA Option)

SHIPPING DATA
Approximate Net Weight:
18 lbs. (7.3 kgs.)

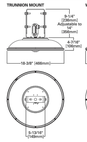
*www.designlights.org

EATON
Powering Business Worldwide

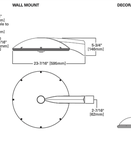
TD516006EN
2017-03-13 13:03:30

ADDITIONAL MOUNTING OPTIONS

TRUNNION MOUNT

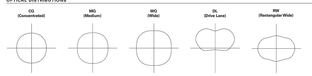


WALL MOUNT



DECORATIVE PENDANT MOUNT

OPTICAL DISTRIBUTIONS



LUMEN MAINTENANCE

Ambient Temperature	Lumen Maintenance				
	25,000 Hours	50,000 Hours	60,000 Hours TM-21 Rating	100,000 Hours	Theoretical L70 (Hours) Per TM-21 Data
C1 Lumen Package					
25°C	> 96%	> 95%	> 95%	> 93%	> 500,000
40°C	> 96%	> 94%	> 94%	> 93%	> 500,000
50°C	> 95%	> 94%	> 93%	> 93%	> 400,000
C2 Lumen Package					
25°C	> 96%	> 95%	> 95%	> 93%	> 500,000
40°C	> 96%	> 94%	> 93%	> 91%	> 500,000
50°C	> 95%	> 93%	> 93%	> 90%	> 400,000
C3 Lumen Package					
25°C	> 96%	> 93%	> 93%	> 89%	> 300,000
40°C	> 95%	> 91%	> 90%	> 85%	> 240,000
50°C	> 93%	> 90%	> 89%	> 83%	> 200,000
C4 Lumen Package					
25°C	> 96%	> 95%	> 95%	> 93%	> 500,000
40°C	> 95%	> 93%	> 92%	> 89%	> 350,000
50°C	> 94%	> 91%	> 90%	> 85%	> 250,000
C5 Lumen Package					
25°C	> 96%	> 93%	> 93%	> 89%	> 300,000
40°C	> 94%	> 90%	> 89%	> 83%	> 250,000
C6 Lumen Package					
25°C	> 95%	> 93%	> 90%	> 86%	> 250,000
40°C	> 93%	> 92%	> 91%	> 86%	> 250,000

EATON
Powering Business Worldwide

Eaton
1121 Highway 74 South
Peachtree City, GA 30269
P: 770-486-4800
www.eaton.com/lighting

Specifications and dimensions subject to change without notice.

TD516006EN
2017-03-13 13:03:30

TT TOPTIER LED

CONTROL OPTIONS

0-10V
This fixture is offered standard with 0-10V dimming driver(s). External 0-10V dimming wire leads are provided for use with a lighting control panel or other control methods except when PER7, SLTD, MS/DIM or LWR is specified.

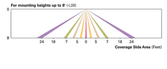
Photocontrol (F, R and PER7)
Optional button-type photocontrol (R) and photocontrol receptacles (R and PER7) provide a flexible solution to enable "dusk-to-dawn" lighting by sensing light levels. Advanced control systems compatible with NEMA 7-pin standards can be utilized with the PER7 receptacle.

Dimming Occupancy Sensor (MS/DIM-LXX)
These sensors are factory installed in the luminaire housing. When the MS/DIM-LXX sensor option is selected, the occupancy sensor is connected to a dimming driver and the entire luminaire dims when there is no activity detected. When activity is detected, the luminaire returns to full light output. The MS/DIM sensor is factory preset to dim down to approximately 50 percent power with a time delay of five minutes.

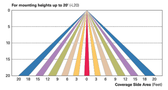
These occupancy sensors include an integral photocell that can be activated with the FSIR-100 accessory for "dusk-to-dawn" control or daylight harvesting. The factory preset is OFF. The FSIR-100 is a wireless tool utilized for changing the dimming level, time delay, sensitivity and other parameters.

A variety of sensor lenses are available to optimize the coverage pattern for mounting heights from 8'-40'.

For mounting heights up to 8' (-LDS)



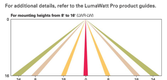
For mounting heights up to 20' (-LDL)



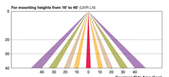
LumaWatt Pro Wireless Control and Monitoring System (LWR-LW and LWR-LN)
The LumaWatt Pro system is a peer-to-peer wireless network of luminaire-integral sensors for any sized project. Each sensor is capable of motion and photo sensing, metering power draw, occupancy and wireless communication. The end-user can securely create and manage sensor profiles with browser-based management software. The software will automatically broadcast to the sensors via wireless gateways for zone-based and daylight harvesting control. The software also provides the ability to monitor energy usage, run reports and view data via a dashboard and analytic capabilities such as improved energy savings, traffic flow analysis, building management software integration and more.

For additional details, refer to the LumaWatt Pro product guides.

For mounting heights from 8' to 16' (LWR-LW)



For mounting heights from 16' to 40' (LWR-LN)



EATON
Powering Business Worldwide

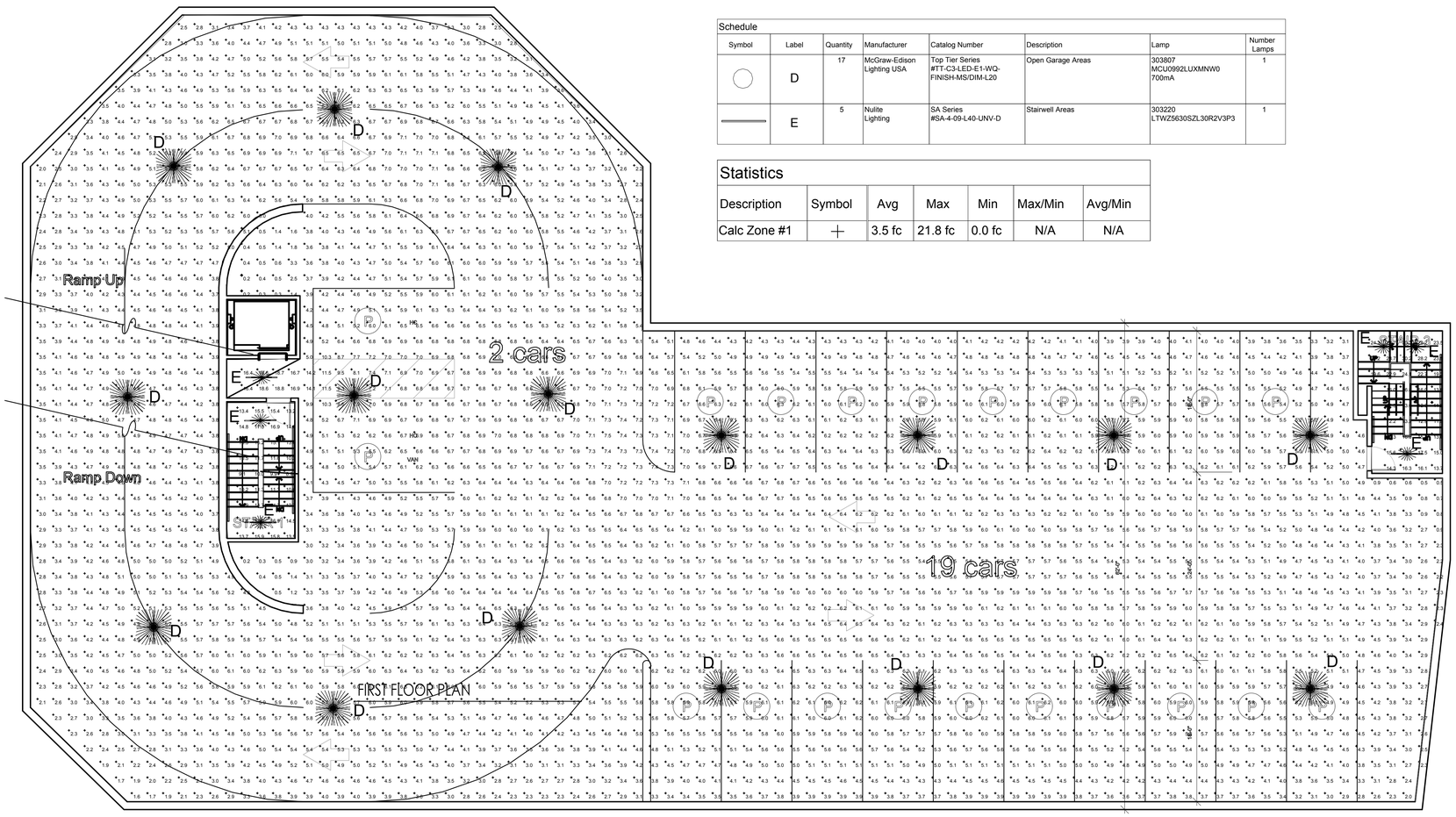
Eaton
1121 Highway 74 South
Peachtree City, GA 30269
P: 770-486-4800
www.eaton.com/lighting

Specifications and dimensions subject to change without notice.

TD516006EN
2017-03-13 13:03:30

Schedule							
Symbol	Label	Quantity	Manufacturer	Catalog Number	Description	Lamp	Number Lamps
○	D	17	McGraw-Edison Lighting USA	Top Tier Series #TT-C3-LED-E1-WQ-FINISH-MS/DIM-L20	Open Garage Areas	303807 MCU09921.UXMNW0 700mA	1
▬	E	5	Nulite Lighting	SA Series #SA-4-09-L40-UNV-D	Stairwell Areas	303220 LTWZ5630SZL30R2V3P3	1

Statistics						
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
Calc Zone #1	+	3.5 fc	21.8 fc	0.0 fc	N/A	N/A



PARKING GARAGE LEVEL 1

PRINT DATE: 1/31/2019

DATE
06/13/2019

201 EL CAMINO REAL - 612 CAMBRIDGE AVE

MENLO PARK, CALIFORNIA 94025

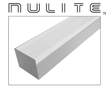
SHEET TITLE
PARKING GARAGE - LEVEL 1
LIGHTING PHOTOMETRIC

SHEET NUMBER
RCP-1.2

ENVIRONMENTAL INNOVATIONS IN DESIGN
412 OLIVE AVE. PALO ALTO, CA 94306
PHONE: 650-226-8770 WWW.EIDARCHITECTS.COM

EID ARCHITECTS

NULITE™



SA LED Series

Type:	Project:	Qty:
	Date:	
Catalog #:		

Description:
The Nulite SA LED series is a specification grade strip utilizing the latest LED technology. This product is ideal for commercial, retail and industrial applications.

Specifications:

Construction: Die formed 20 gauge cold rolled steel housing. Finish is white polyester powder coat paint after fabrication. Consult factory for custom colors. Optional aluminum (painted white) or stainless steel (natural finish) housing.

Lens: Extruded frosted acrylic snap-on lens. Optional extended square or round lens.

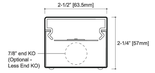
Reflector / Driver: Reflector / driver cover is finished with high reflectance white paint. Standard constant current electronic driver with 0-10V dimming input; dimming range from 100% down to 1%. Universal (UNV) voltage is from 120 - 277V, 50/60 Hz. Optional drivers available.

LED Module: Distributed LED array in a variety of lumen output packages. LED color is available in 3000K, 3500K or 4000K and in 80CRI or 90CRI. Module is replaceable. L90 ≥ 100,000 hrs.

Mounting: Surface

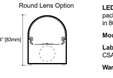
Labels: ETL listed, conforms to UL Standard 1598 / 8750 and CSA Standard C22.2. Damp location.

Warranty: 5-year limited warranty on LED and Driver.



Square Lens Option

Round Lens Option



Ordering Information

Sample: SA-4-09L35-UNV-D-LKO

Series	Length	Lumen Package/LED Color		Voltage	Driver		Options	
SA	2 ft.	03 (~350 lm/ft, 3,289lm)	WCRI 90	UNV	Dimming (0-10V)	EM*	(500)	Emergency Battery (500)
	3 ft.	05 (~550 lm/ft, 4,850lm)	L30	120	0* (0hr to 1%)	SQ		Square Frosted Lens
	4 ft.	06 (~614 lm/ft, 6,684lm)	L35	277	DD* (0hr to 0%)	RD		Round Frosted Lens
	8 ft.	09 (~858 lm/ft, 7,794lm)	L40		Lutron Dimming	LKO		Less End KO
		10 (~1038 lm/ft, 9,384lm)	WCRI 80		See Page 2 for Lutron Ordering Codes	AL		Aluminum Housing (Painted White)
			H30		DALI Dimming	SS		Stainless Steel Housing (Natural Finish)
		Consult Factory for Custom Lumen Package	H35		4WIRE-ECO(Hot)	GLR		Fusing
			H40		ELE (0hr to 1%)	QW		Quick Through Wiring for Continuous Row Applications
					4WIRE-ECO(Cold)	OS		Occupancy Sensor
					ELS (0hr to 0%)	AC48		Adjustable Aircraft Cable Suspended up to 48" (AC to structure)
						AC120		Adjustable Aircraft Cable Suspended up to 120" (AC to structure)

Consult Factory for Custom Colors

Notes:
1. Standard driver, don't connect low-voltage wires for non-dimming applications. Consult factory for specifications and manufacturer.
2. Consult factory for specifications and manufacturer.
3. Emergency battery pack not available for 2' and 3' units.

Specifications and dimensions are subject to change without notification. Specification sheets on our website supersede all other versions. 2018 Rev.A
Nulite reserves the right to bulk package any order.

Nulite Lighting 10770 East 51st Avenue, Denver, CO 80239 Phone 303-287-9646 Fax 303-287-0316 www.nulite-lighting.com

NULITE™

SA LED Series
Page 2

Lutron Driver Ordering Codes

Nulite Code	Lutron Prefix	Lutron Series	Dim Level	Control Type: 3-Wire	Control Type: Eco-System**
L11	L3DAE	Hi-lume™	1%		Yes
L12	L3DA3W	Hi-lume™	1%	Yes	
L15	LDE1*	Hi-lume™ - HiSeries	1%		Yes
L16	LDE5	5-Series	5%		Yes

* Soft-on, Fade-to-Black**

Plan view of 7/8" KOs on back of channel

Specifications and dimensions are subject to change without notification.
Nulite Lighting 10770 East 51st Avenue, Denver, CO 80239 Phone 303-287-9646 Fax 303-287-0316 www.nulite-lighting.com

NOTE:
RE: ELECTRICAL DRAWINGS FOR CEC REQUIREMENTS, LIGHTING CONTROLS, ELECTRICAL LOAD CALCULATIONS, TITLE-24 ENERGY COMPLIANCE, ETC.

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

McGraw-Edison

Catalog #	Type
Project	
Comments	Date
Prepared by	

DESCRIPTION

The TopTier™ parking garage, canopy and low-bay luminaire is an innovative solution that delivers an unparalleled combination of performance and visual comfort. The patented WaveStream™ optical technology blocks the line of sight from the LED light sources to the observer, while extracting the maximum amount of light on task. This unique optical design is the ideal solution for parking garage facilities that enhances safety in the application environment. The TopTier luminaire is UL/cUL listed for wet locations, IP66 and 3G vibration rated.

SPECIFICATION FEATURES

Construction
One-piece, low copper die-cast aluminum housing provides a clean and symmetric housing. Formed aluminum top is sloped for water shedding. Single hinge electrical tray allows for easy electrical access for field servicing.

Optics
Precise optical distributions are accomplished using various combinations of reflective backing plates and WaveStream optical technology. The optical Wavegaurde lens is manufactured of Injection molded acrylic. The optics contain features that form a repeatable and redundant pattern to direct light in a precisely prescribed distribution. The drive lane distribution is specifically designed to maximize light in the direction of travel to optimally direct light in the same direction of travel for maximum glare control. For additional glare control and improved uniformity in the distribution, specify the SG option which adds a Soiltech® glass lens that works in combination with the Wavegaurde lens and reflective backing plate.

Offered standard in 4000K (wt. 2700) CCT, optional 3000K, 5000K and 6000K. Minimum 70 CRI. Optional gull-light feature provides a dedicated light engine (17W) to illuminate the underside of canopy fixtures and reduces cave effect. Nominal uplight output is 800 lumens and ranges from 10%-30% total light output depending on the lumen package.

Electrical
LED driver(s) are mounted to metal electrical tray for optimal thermal performance. 120V, 208V, 240V, 347V 60Hz or 480V 60Hz operation. 480V is compatible for use with 480Y Wye systems only. Standard with 0-10V dimming driver(s), specify ELTD for Fifth Light DALI driver(s). Shipped standard with 10kV surge protection device(s) designed to withstand 10kV of transient line surge. Greater than 90% lumen maintenance expected at 60,000 hours, based off LM-80 data and TM-21. 50°C (122°F) ambient temperature applications from -40°C (-40°F) to 40°C (104°F). For 50°C (122°F) applications, specify the HA high ambient option. IP66 rated against the ingress of dust and water.

Mounting
Standard fixture mounts to a square or octagonal 4" surface or recessed j-box via keyway-style quick mount bracket. Optional accessories include a pole/ trunnion mount and wall mount. With the addition of a field supplied wet location j-box, the luminaire can be pendant mounted using 1/2" NPT conduit (supplied by others) or pendant mount kit or a suitable field supplied pendant.

Finish
Housing finished in white super durable TGIC polyester powder coat paint with 2.5 mil nominal thickness for superior protection against fade and wear. Optional colors include black, bronze, grey, dark platinum and graphite metallic. Special architectural matches available. Consult the McGraw-Edison Architectural Colors brochure for the complete selection.

Warranty
Five-year warranty.

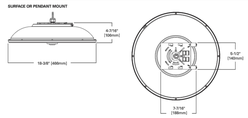
TT TOPTIER LED

Solid State LED

PARKING GARAGE/ CANOPY/ LOW-BAY LUMINAIRE

DIMENSIONS

SURFACE OR PENDANT MOUNT



powered by fifthLight

CERTIFICATION DATA
UL/cUL Wet Location Listed
3G Vibration Rated
IP66 Rated - Gasket Compliant
ANSI Roadway
ISO 9001
DesignLights Consortium™ Qualified*

ENERGY DATA
Electronic LED Driver
>90% Efficiency
<20% Total Harmonic Distortion
120-277VAC & 60Hz, 347VBVAL, 480VAC
-40°C Min. Temperature
40°C Max. Temperature
50°C Max. Temperature (HA Option)

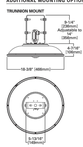
SHIPPING DATA
Approximate Net Weight:
18 lbs. (7.3 kgs.)

*www.designlights.org

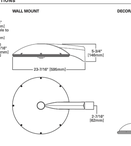
TD516006EN
2017-03-13 13:03:30

ADDITIONAL MOUNTING OPTIONS

TRUNNION MOUNT



WALL MOUNT



DECORATIVE PENDANT MOUNT

OPTICAL DISTRIBUTIONS

LUMEN MAINTENANCE

Ambient Temperature	Lumen Maintenance 25,000 Hours	50,000 Hours	60,000 Hours TM-21 Rating	100,000 Hours	Theoretical L70 (Hours) Per TM-21 Data
C1 Lumen Package					
25°C	> 96%	> 95%	> 95%	> 93%	> 500,000
40°C	> 96%	> 94%	> 94%	> 92%	> 500,000
50°C	> 95%	> 94%	> 93%	> 92%	> 400,000
C2 Lumen Package					
25°C	> 96%	> 95%	> 95%	> 93%	> 500,000
40°C	> 96%	> 95%	> 95%	> 91%	> 500,000
50°C	> 95%	> 95%	> 93%	> 90%	> 400,000
C3 Lumen Package					
25°C	> 96%	> 93%	> 93%	> 89%	> 300,000
40°C	> 95%	> 91%	> 90%	> 86%	> 240,000
50°C	> 95%	> 90%	> 89%	> 85%	> 200,000
C4 Lumen Package					
25°C	> 96%	> 95%	> 95%	> 93%	> 500,000
40°C	> 95%	> 92%	> 92%	> 88%	> 350,000
50°C	> 94%	> 91%	> 90%	> 85%	> 250,000
C5 Lumen Package					
25°C	> 96%	> 93%	> 92%	> 88%	> 300,000
40°C	> 94%	> 90%	> 89%	> 83%	> 200,000
C6 Lumen Package					
25°C	> 95%	> 92%	> 90%	> 86%	> 200,000
40°C	> 95%	> 92%	> 91%	> 86%	> 250,000

Eaton
1121 Highway 74 South
Peachtree City, GA 30269
P: 770-486-4800
www.eaton.com/lighting

TD516006EN
2017-03-13 13:03:30

CONTROL OPTIONS

0-10V
This fixture is offered standard with 0-10V dimming driver(s). External 0-10V dimming wire leads are provided for use with a lighting control panel or other control methods except when PER7, SLTD, MS/DIM or LWR is specified.

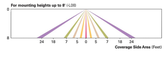
Photocontrol (F, R and PER7)
Optional button-type photocontrol (R) and photocontrol receptacles (R and PER7) provide a flexible solution to enable "dusk-to-dawn" lighting by sensing light levels. Advanced control systems compatible with NEMA 7-pin standards can be utilized with the PER7 receptacle.

Dimming Occupancy Sensor (MS/DIM-LXX)
These sensors are factory installed in the luminaire housing. When the MS/DIM-LXX sensor option is selected, the occupancy sensor is connected to a dimming driver and the entire luminaire dims when there is no activity detected. When activity is detected, the luminaire returns to full light output. The MS/DIM sensor is factory preset to dim down to approximately 50 percent power with a time delay of five minutes.

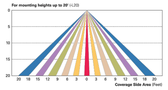
These occupancy sensors include an integral photocell that can be activated with the FSIR-100 accessory for "dusk-to-dawn" control or daylight harvesting. The factory preset is OFF. The FSIR-100 is a wireless tool utilized for changing the dimming level, time delay, sensitivity and other parameters.

A variety of sensor lenses are available to optimize the coverage pattern for mounting heights from 8'-40'.

For mounting heights up to 8' (<2.5m)



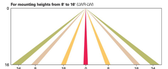
For mounting heights up to 20' (<6.0)



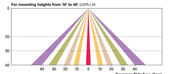
LumaWatt Pro Wireless Control and Monitoring System (LWR-LW and LWR-LN)
The LumaWatt Pro system is a peer-to-peer wireless network of luminaire-integral sensors for any sized project. Each sensor is capable of motion and photo sensing, metering power drawn, daylight harvesting and wireless communication. The end-user can securely create and manage sensor profiles with browser-based management software. The software will automatically broadcast to the sensors via wireless gateways for zone-based and daylight harvesting control. The LumaWatt Pro system is also capable of providing energy data to the user via the software's user dashboard and analytic capabilities such as improved energy savings, traffic flow analysis, building management software integration and more.

For additional details, refer to the LumaWatt Pro product guides.

For mounting heights from 8' to 16' (LWR-LW)



For mounting heights from 16' to 40' (LWR-LN)



Eaton
1121 Highway 74 South
Peachtree City, GA 30269
P: 770-486-4800
www.eaton.com/lighting

TD516006EN
2017-03-13 13:03:30

Schedule							
Symbol	Label	Quantity	Manufacturer	Catalog Number	Description	Lamp	Number Lamps
○	D	18	Performance iN Lighting USA	070016	MIMIK 30 M TYPE III 36W 4000K 0-10V AN-96	303807 MCU0992LUXMNW0 700mA	1
▬	E	9	Performance iN Lighting USA	074684	ALU TECH RO 11W 3000K GR-EV1	303220 LTWZ5630SZL30R2V3P3	1

Statistics						
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
Calc Zone #1	+	3.5 fc	21.8 fc	0.0 fc	N/A	N/A

NULITE™

SA LED Series

Type:	Project:	Qty:
	Date:	
Catalog #:		

Description:

The Nulite SA LED series is a specification grade strip utilizing the latest LED technology. This product is ideal for commercial, retail and industrial applications.

Specifications:

Construction: Die formed 20 gauge cold rolled steel housing. Finish is white polyester powder coat paint after fabrication. Consult factory for custom colors. Optional aluminum (painted white) or stainless steel (natural finish) housing.

Lens: Extruded frosted acrylic snap-on lens. Optional extended square or round lens.

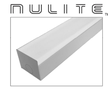
Reflector / Driver: Reflector / driver cover is finished with high reflectance white paint. Standard constant current electronic driver with 0-10V dimming input; dimming range from 100% down to 1%. Universal (UNV) voltage is from 120 - 277V, 50/60 Hz. Optional drivers available.

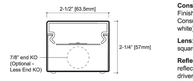
LED Module: Distributed LED array in a variety of lumen output packages. LED color is available in 3000K, 3500K or 4000K and in 80CRI or 90CRI. Module is replaceable. L90 ≥ 100,000 hrs.

Mounting: Surface

Labels: ETL listed, conforms to UL Standard 1598 / 8750 and CSA Standard C22.2. Damp location.

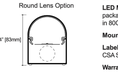
Warranty: 5-year limited warranty on LED and Driver.





Square Lens Option

Round Lens Option



Ordering Information

Sample: SA-4-20L-35-UNV-D-LKO

Series	Length	Lumen Package/LED Color		Voltage	Driver		Options	
SA	2 ft	03 =360 lm/ft, 3,289lm	WCRI 80	UNV	Dimming (0-10V)	EM* (500)	Emergency Battery (500)
	3 ft	05 =560 lm/ft, 4,855lm	L30	120	D* (Dim to 1%)	SQ	Square Frosted Lens
	4 ft	06 =624 lm/ft, 6,884lm	L35	277	DD* (Dim to 0%)	RD	Round Frosted Lens
	8 ft	09 =858 lm/ft, 7,794lm	L40		Lutron Dimming	LKO	Less End KO
		10 =1156 lm/ft, 9,384lm	WCRI 90		Dim-Pwr-2-Wir (Lutron Hi-Lume)	AL	Aluminum Housing (Painted White)
		Consult Factory for Custom Lumen Package	H30		DALI Dimming	SS	Stainless Steel Housing (Natural Finish)
			H35		eldoLED ECOdrive	GLR	Fuding
			H40		ELE (Dim to 1%) eldoLED SOLOdrive ELD (Dim to 0%)	QW	Quick Through Wiring for Continuous Row Applications
						OS	Occupancy Sensor
						AC48	Adjustable Aircraft Cable Suspended up to 48" (AC to structure)
						AC120	Adjustable Aircraft Cable Suspended up to 120" (AC to structure)

Consult Factory for Custom Colors

Notes:
1. Standard driver, don't connect low-voltage wires for non-dimming applications. Consult factory for specifications and manufacturer.
2. Consult factory for specifications and manufacturer.
3. Emergency battery pack not available for 2' and 3' units.

Specifications and dimensions are subject to change without notification. Specification sheets on our website supersede all other versions. 2018 Rev.A
Nulite reserves the right to bulk package any order.

Nulite Lighting 10770 East 51st Avenue, Denver, CO 80239 Phone 303-287-9646 Fax 303-287-0316 www.nulite-lighting.com

NULITE™

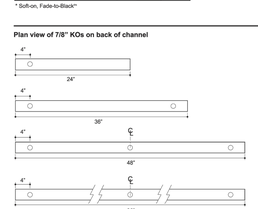
SA LED Series

Lutron Driver Ordering Codes

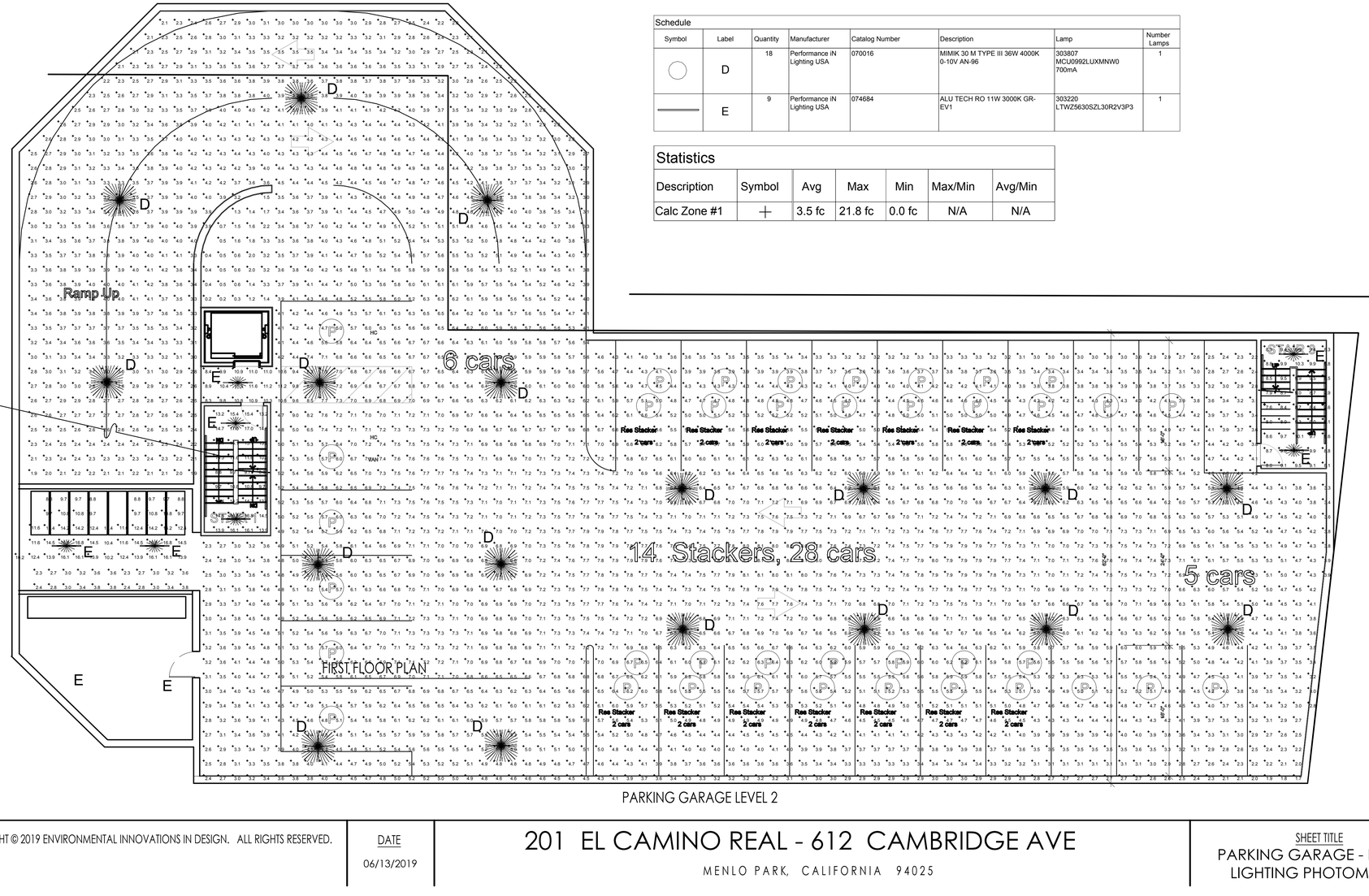
Nulite Code	Lutron Prefix	Lutron Series	Dim Level	Control Type: 3-Wire	Control Type: Eco-System**
L11	L3DA3	Hi-lume™	1%		Yes
L12	L3DA3W	Hi-lume™	1%	Yes	
L15	LDE1*	Hi-lume™ -HiSeries	1%		Yes
L16	LDE5	5-Series	5%		Yes

* Soft-on, Fade-to-Black**

Plan view of 7/8" KOs on back of channel



Specifications and dimensions are subject to change without notification.
Nulite Lighting 10770 East 51st Avenue, Denver, CO 80239 Phone 303-287-9646 Fax 303-287-0316 www.nulite-lighting.com



PARKING GARAGE LEVEL 2

NOTE:
RE: ELECTRICAL DRAWINGS FOR CEC REQUIREMENTS, LIGHTING CONTROLS, ELECTRICAL LOAD CALCULATIONS, TITLE-24 ENERGY COMPLIANCE, ETC.

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

PRINT DATE: 1/31/2019

DATE
06/13/2019

201 EL CAMINO REAL - 612 CAMBRIDGE AVE

MENLO PARK, CALIFORNIA 94025

SHEET TITLE
PARKING GARAGE - LEVEL 2
LIGHTING PHOTOMETRIC

SHEET NUMBER
RCP-1.3

ENVIRONMENTAL INNOVATIONS IN DESIGN
412 OLIVE AVE. PALO ALTO, CA 94306
PHONE: 650-226-8770 WWW.EIDARCHITECTS.COM

EID ARCHITECTS