PROJECT DESCRIPTION

103 DUNSMUIR WAY, MENLO PARK, CA

The current owners of this property have lived at 103 Dunsmuir for 14 years and love the neighborhood. The current home is a single story and their family of five has outgrown the home. Rather than leave their beloved neighborhood they have decided to build a new home more closely suited to their family size with the intention of making this their "forever home".

The scope of work is to demolish an existing single story home and construct a new two-story home over a partial basement. The massing of the home has been carefully considered to enhance the neighborhood aesthetic by breaking the home into distinct smaller elements that keep the scale of the home in character with the neighborhood. The home is also designed to enhance the life of the street by incorporating a front porch as a focal point of the front facade. This outdoor space gives the owners a comfortable place to relax and enjoy their front yard while interacting with neighbors and activating the street.

The style of the home is California Craftsman with a shingled exterior and simple detailing to include window and door trim with crown molding and brackets to support roof overhangs. In keeping with this simple yet elegant architectural style the home incorporates exposed rafter tails and detailed front porch posts and beams.

The design process looked at the site layout and neighborhood pattern and interspersed lower, single story elements such as the front porch roof, wrap-around single story rear roof, covered side porch, and garage to bring the scale of the home down to the human scale on all sides. The second story of the home reads through on the front on either side of the front porch with articulated gable-end roofs that are in scale with the home and the neighborhood fabric.

The design seeks a balance between maintaining the setback from the street on the South facade and preserving the North neighbor's access to southern exposure. By keeping the majority of the rear of the home well away from the rear setback and stepping the second story away even more than the first floor we have been very careful to preserve the privacy and access to daylight for the North neighbor. On the South facade we have articulated the front of the home by stepping the center section of the home back to incorporate a protected front porch. The second story over this front porch is set back from the front of the home even further to articulate the front elevation and break it into smaller elements that fit with the character of the neighborhood.

Overall we feel that the careful siting and design of this new home will make it feel like it belongs and fits seamlessly into the character of the neighborhood. The intent of the design was, from the beginning, to be sensitive to the character of the neighborhood, respect the needs of the immediate neighbors in terms of their privacy and access to light, and closely fit the daily needs of its inhabitants.

We feel strongly that this project, once complete, will blend so well with the fabric of the neighborhood that it will seem that is was "always there".



McGARAGHAN RESIDENCE

103 DUNSMUIR WAY



SCHNEIDER DESIGN ASSOCIATES

514 23rd AVENUE SAN FRANCISCO, CALIFORNIA, 94121 415.845.5472

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SCALE: JOB NO: 202

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GENERAL NOTES

- ALL WORK SHALL COMPLY WITH THE 2019 CALIFORNIA RESIDENTIAL BUILDING CODE. TYPE OF CONSTRUCTION: TYPE 5 NON-RATED. OTHER CODES: CPC, CMC, CEC, CFC (LATEST EDITIONS).
- 2. THE STANDARD A.I.A. GENERAL CONDITIONS ARE HEREBY MADE A PART OF THESE DRAWINGS
- 3. DO NOT SCALE DRAWINGS FOR DIMENSIONS. WRITTEN DIMENSIONS SHALL TAKE PRECEDENCE OVER SCALED DIMENSIONS AND SHALL BE VERIFIED ON THE JOB SITE. ANY DISCREPANCY SHALL BE REPOLIGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO COMMENCEMENT OF ANY WORK.
- 4. CLARIFY ALL DISCREPANCIES BETWEEN THESE DRAWINGS AND ACTUAL SITE CONDITIONS WITH THE ARCHITECT BEFORE PERFORMING THE WORK.

SYMBOLS

- 5. THE CONTRACTOR SHALL: A. FURNISH, PAY FOR AND FILE ALL NECESSARY PERMITS, FEES, INSPECTIONS, ETC.; EXCEPT FOR PLAN CHECK AND ZONING FEES, WHICH WILL BE PAID FOR BY THE OWNER.
- INSTALL ALL MATERIALS AND EQUIPMENT IN ACCORDANCE WITH ANUFACTURER'S DIRECTIONS, AS APPLICABLE.
- C. PROTECT EXISTING VEGETATION FROM DAMAGE DURING THE COURSE OF THE WORK. BRACE STRUCTURE AS REQUIRED DURING CONSTRUCTION.
- D. PROVIDE STRICT CONTROL OF JOB CLEANUP TO REMOVE DUST AND DEBRIS FROM CONSTRUCTION AREA.
- 6. ALL INSPECTIONS ARE REQUIRED AS PER SFBC SEC. 109.
- INSULATION SHALL MEET CALIFORNIA ENERGY COMMISSION QUALITY STANDARDS
- AND BE CERTIFIED BY THE MANUFACTURER.

 8. FIRESTOPS SHALL BE PROVIDED IN ALL LOCATIONS SPECIFIED BY SFBC CHAPTER
- 9. ALL ELECTRICAL OUTLETS IN EXTERNAL WALLS SHALL HAVE INSULATING GASKETS.

DIMENSION TO FACE OF FRAMING DIMENSION TO CENTERLINE

DIMENSION TO FACE OF FINISH

EXTERIOR ELEVATION REFERENCE

ELEVATION DATUM POINT

DETAIL REFERENCE

SECTION REFERENCE

PROJECT DATA SHEET



COMMUNITY DEVELOPMENT DEPARTMENT PLANNING DIVISION

701 Laurel Stree Menio Park, CA 9402 phone: (650) 330-6702 fax: (650) 327-1653

DATA SHEET

FXISTING USE:	ΔP	PLICANT:	
SINGLE FAMILY RESID	FNCE	SCHNFIDER DESIGN	ASSOCIATES
			AUDOCIAILU
PROPOSED USE:		OPERTY OWNER(S):	
SINGLE FAMILY RESID	ENCE	JOHN & AMY McGA	RAGHAN
ZONING:	AP	PLICATION(S):	
R-1-U		NEW SINGLE FAMILY	RESIDENCE
DEVELOPMENT STANDARDS	PROPOSED PROJECT	EXISTING DEVELOPMENT	ZONING ORDINANCE
Lot area	6.552 sf		7.000 st min
Lot width	60 ft.		65 ft. min
Lot depth	110 ft.	110 ft.	100 ft. min
Setbacks			
Front	20 ft.	24.93 ft.	20 ft. min
Rear	20 ft.	201.83 ft.	20 ft. mir
Side (left)	6 ft.	12 ft.	6 ft. mir
Side (right)	12 ft.	19.86 ft.	12 ft. mir
Building coverage	2,042 sf 31.1 %	1,721 sf 26.3 %	2,621 sf max 40 % max
FAR (Floor Area Ratio)*	N/A sf	N/A sf	N/A sf max
FAL (Floor Area Limit)**	2.799 st	1.721 st	2.800 s
Square footage by floor			
below grade	913 sf	0 #	
1 ST	1.401 #	1.376 sf	
gND	982 st	n sf	
garage	416 sf	345 sf	
accessory building(s)	0 st		
other	0 st	0 st	
Square footage of buildings	3.712 st	1.721 sf	sf ma:
Building height	24'-7" ft.	13'-7' ft.	28'-0" ft. ma:
Landscaping***	N/A st	N/A sf	N/A sfmir
Paving***	N/A st	N/A sf	N/A % mir
Parking	4 spaces	4 spaces	2 space
Define Basis for Parking	(Example: 1 covered/1 uncov	ered per residential unit or # of sp	aces/X square feet)
Trees	# of existing	# of existing	# of
	Heritage trees	non-Heritage trees	new trees
	2	2	1
	# of existing	# of non-Heritage	Total #
	Heritage trees	trees to be removed	of trees
	to be removed ∩	2	3

perties | ** Single family residential and R-2 zoned properties | *** Commercial, Multiple

PROJECT INFORMATION

PARCEL NUMBER: 055-292-370 OCCUPANY TYPE: R-3

CONSTRUCTION TYPE: VΒ PROPERTY ADDRESS

103 DUNSMUIR WAY MENLO PARK, CA 94025 PROPERTY OWNERS: JOHN & AMY McGARAGHAN

FLOOR AREA LIMIT

LOT SIZE: 6,552 S.F. ALLOWABLE HOUSE SIZE: 2,800 S.F. PROPOSED HOUSE FIRST STORY (INCLUDING GARAGE): 1,817 S.F.

PROPOSED TOTAL PROPOSED BASEMENT

BASEMENT: 913 S.F.

NOTE: SEE 1/A2.5 FOR FLOOR AREA LIMIT CALCULATIONS

SECOND STORY FLOOR AREA LIMIT

ALLOWABLE SECOND STORY LIMIT: 50% F.A.L. = 2.800 x 50% 1,400 S.F. 982 S.F. PROPOSED SECOND STORY:

982 S.F. < 1,400 S.F.

NOTE: SEE 1/A2.5 FOR FLOOR AREA LIMIT CALCULATIONS

BUILDING COVERAGE

6,552 S.F. LOT SIZE: ALLOWABLE COVERAGE (40% LOT SIZE): 2.621 S.F. PROPOSED BUILDING COVERAGE: 2,042 S.F. 2,042 S.F. < 2,621 S.F.

NOTE: SEE 2/A2.5 FOR BUILDING COVERAGE CALCULATION

BUILDING HEIGHT

ALLOWABLE HEIGHT: PROPOSED HEIGHT:

NOTE: SEE A3.1 & A3.2 FOR DAYIGHT PLANE INFORMATION

ARCHITECTURAL DRAWINGS

A0.0 COVER SHEET A0.1 INFORMATION SHEET SURVEY

A1.0 AREA PLAN & STREETSCAPES A1.1 PROPOSED SITE PLAN A1.2 TREE PROTECTION PLAN

A2.1 PROPOSED FIRST FLOOR PLAN A2.2 PROPOSED SECOND FLOOR PLAN A2.3 PROPOSED BASEMENT PLAN

A2.4 ROOF PLAN

A2.5 FLOOR AREA & BUILDING COVERAGE DIAGRAMS

A3.1 PROPOSED EXTERIOR ELEVATIONS A3.2 PROPOSED EXTERIOR ELEVATIONS

A4.1 SECTIONS

A5.1 PERSPECTIVES

DIRECTORY

JOHN & AMY McGARAGHAN 103 DUNSMUIR WAY MENLO PARK, CA 94025 OWNER:

ARCHITECT:

SCHNEIDER DESIGN ASSOCIATES
MARSHALL SCHNEIDER
514 23rd AVENUE
SAN FRANCISCO, CA 94121
TEL: 415.845,6472
EMAIL: MSCHNEIDER@SCHNEIDERDESIGNING.COM

CONTRACTOR: T.B.D.

DESCRIPTION OF WORK

- DEMOLISH (E) 1,720 S.F. SINGLE STORY HOUSE

- CONSTRUCT (N) 2,787 S.F. TWO-STORY HOME WITH 920 S.F. BASEMENT & 225 S.F. COVERED PORCH

VICINITY MAP



CODE INFORMATION

ADOPTED CODE	EDITION
CALIFORNIA BUILDING CODE	2019
CALIFORNIA ENERGY STANDARDS	2019
CALIFORNIA PLUMBING CODE	2019
CALIFORNIA MECHANICAL CODE	2019
CALIFORNIA ELECTRICAL CODE	2019
CALIFORNIA FIRE CODE	2019
CALIFORNIA GREEN ENERGY CODE	2019



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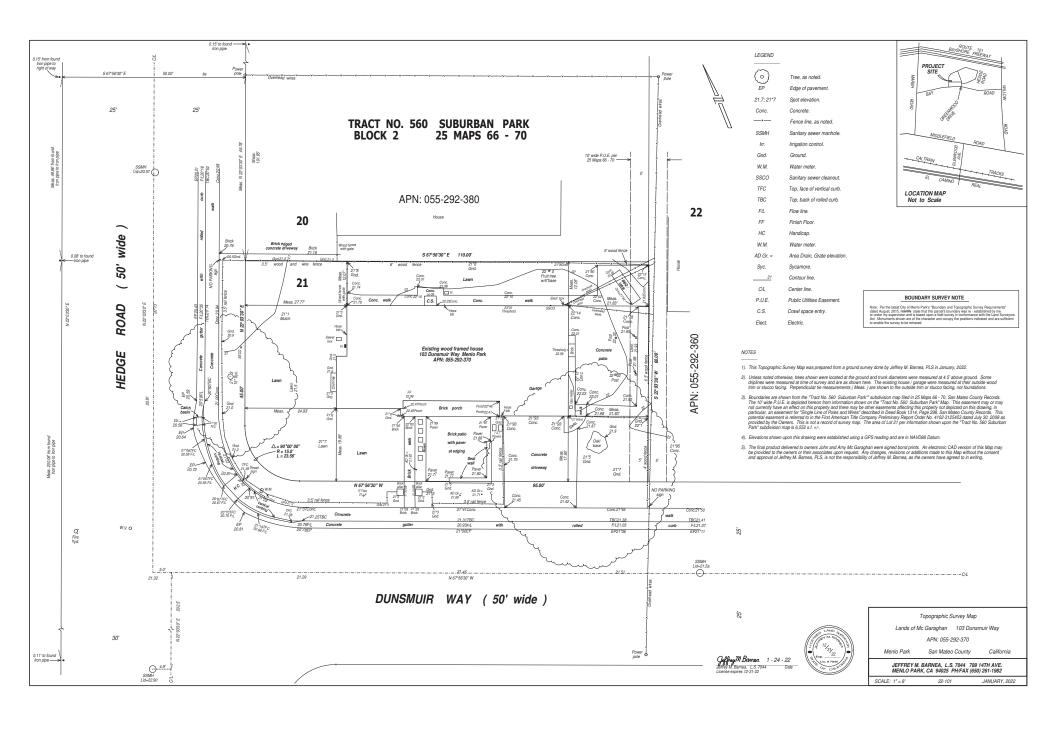
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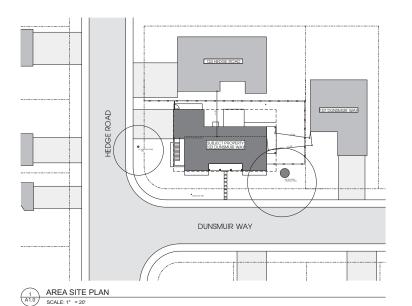


HEDGE ROAD

103 107 111 **DUNSMUIR WAY**

SOUTH STREETSCAPE
SCALE: 1" = 20'

WEST STREETSCAPE SCALE: 1" = 20'



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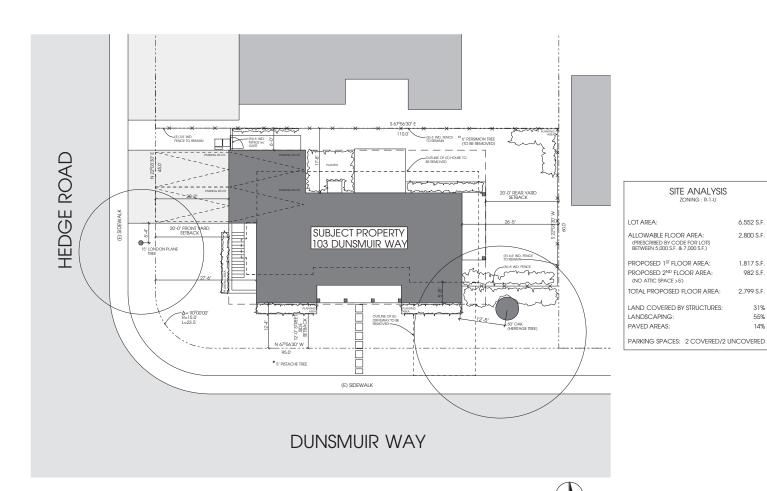


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AREA PLAN & STREETSCAPES SCALE: AS NOTED JOB NO: 202128

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SITE PLAN

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



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SITE ANALYSIS

ZONING : R-1-U

6,552 S.F.

2,800 S.F.

1,817 S.F.

982 S.F.

2,799 S.F.

31%

55%

14%



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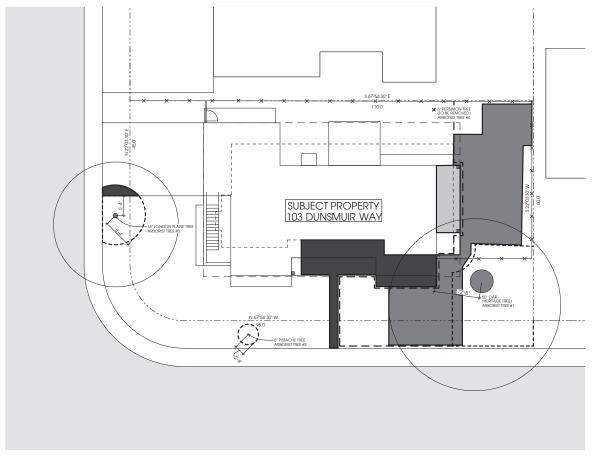
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PROPOSED SITE PLAN

SCALE: 1/8" = 1'-0" JOB NO: 202128

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LEGEND

AREA THAT MUST BE DEMOLISHED WHILE KEEPING VEHICLES ON (E) HARDSCAPE & WORKING BACKWARDS AREA WHERE EXCAVATION MUST BE DONE CAREFULLY, BY

HAND - PRESERVE AS MANY ROOTS AS POSSIBLE TREE PROTECTION TO BE IN PLACE FOR DURATION OF

TREE PROTECTION TO BE IN PLACE DIRECTLY AFTER

DEMOLITION FOR DURATION OF PROJECT





ARBORIST RECOMMENDATIONS (SEE ARBORIST REPORT FOR MORE DETAIL)

- 1. Remove tree #4, upon approval from the City of Menlo Park (no permit appears to
- 2. Install pre-demolition tree protection fencing approximately as shown in the Tree
 - a. Minimum distances from trunk centers are given on the Tree Map. A larger area may be protected if desired.
 - b. Where existing barriers which will be retained impede access comparably to tree protection fencing, these barriers are an acceptable substitute for tree
 - a. Please be aware that tree protection fencing may differ from ideal tree protection zones, and from canopy sizes.
 - c. Tree protection fencing shall comprise 6' chain link fabric mounted on 1.5" diameter metal posts driven into the ground.
 - d. Place a 6" layer of wood chips inside tree protection fencing.
 - e. Tree protection fencing shall adhere to the requirements in the document titled "Tree Protection Specifications," available at https://www.menlopark.org/DocumentCenter/View/90/Tree-Protection-Specif

ications

Demolition Phase

1. When demolishing the existing hardscape within the TPZ and CRZ of tree #1, start work at the house and proceed backwards toward the street, limiting heavy equipment to still-paved areas.

Construction Phase

- 1. Move tree protection fencing from the demolition locations to the post-demolition locations shown on the Tree Map. All specifications given above apply.
- Alert the project arborist if utility or other work becomes necessary within any tree TP7s
- 3. When excavating within TPZs for the front and side patios, front walkway, and
- a. If footings will be used to support a raised surface, be as flexible as practical
- with footing placement to avoid any tree roots encountered. b. Hand-excavate edge nearest trunk to the full depth of the feature being
- installed or to a depth of three feet, whichever is shallower. c. Retain as many roots as practical.
- d. If roots 1-2" in diameter must be cut, sever them cleanly with a sharp saw or bypass pruners.
- e. If roots over 2" must be cut, stop work in that area and contact the project arborist for guidance.
- f. Notify project arborist when excavation is complete. Project arborist shall inspect work to make sure all roots have been cut cleanly.
- g. If excavation will be left open for more than 3 days:
 - i. Cover excavation wall nearest trunk with several layers of burlap or other absorbent fabric.
 - ii. Install a timer and soaker hoses to irrigate with potable water twice per day, enough to wet fabric thoroughly.

Post-Construction Phase

1. Provide supplemental irrigation for trees #1 and 4 to aid in root regrowth for at least three years.



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TREE PROTECTION PLAN SCALE: 1/8" = 1'-0" 202128 JOB NO:

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TREE PROTECTION PLAN

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



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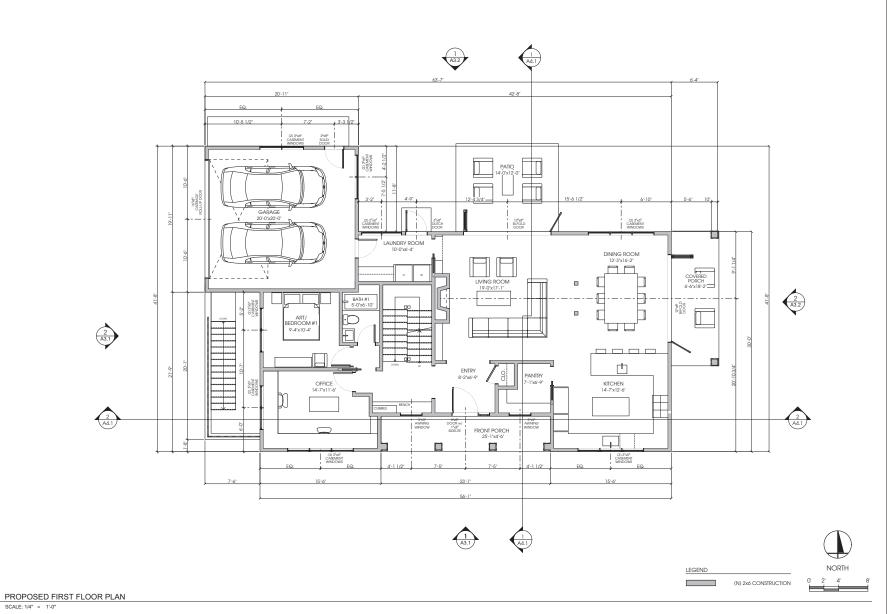
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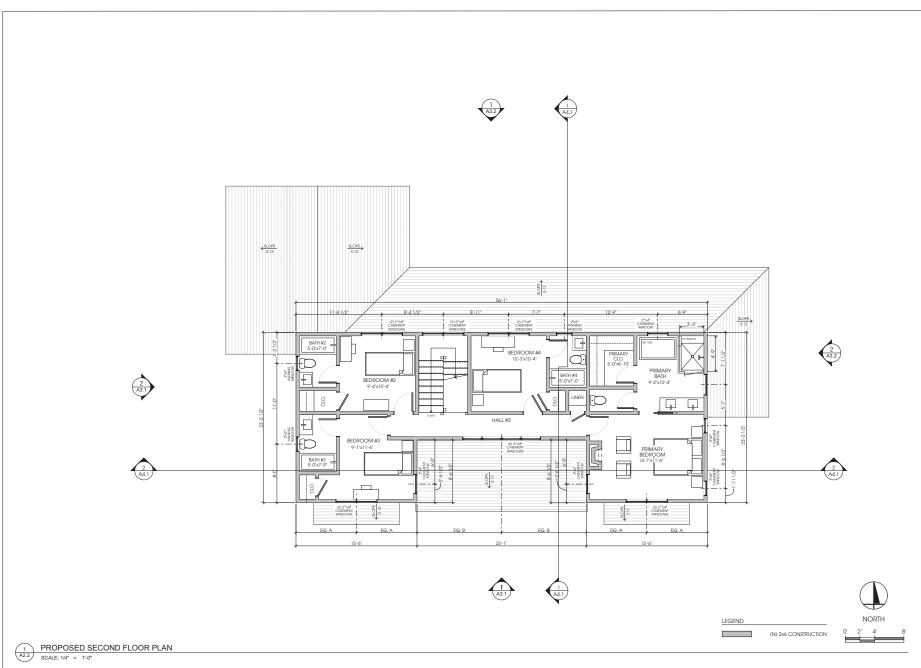
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PROPOSED FIRST FLOOR PLAN

SCALE: 1/4" = 1'-0" JOB NO: 202128

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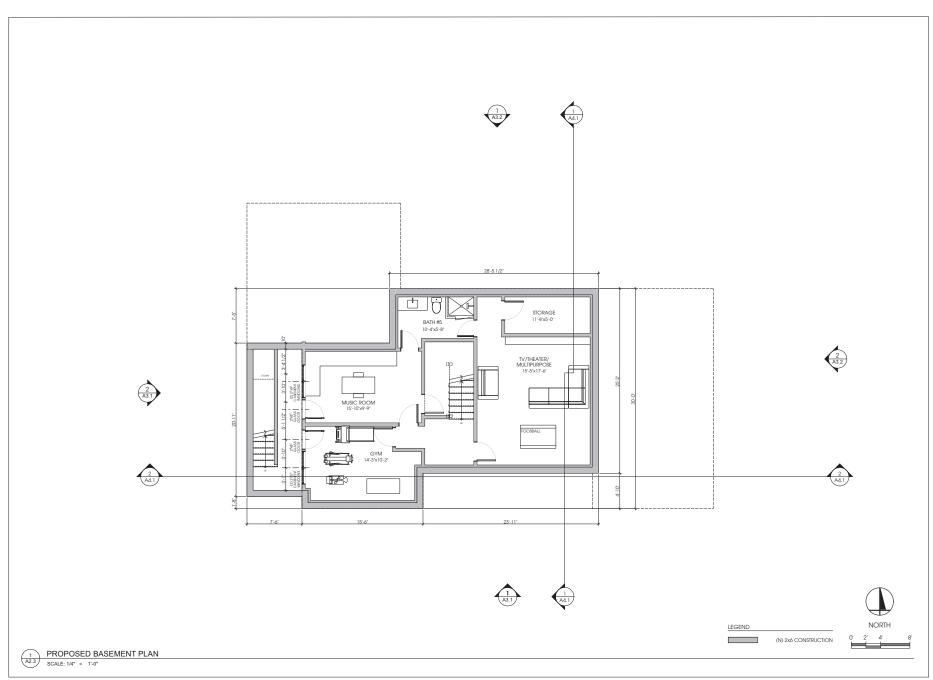
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PROPOSED SECOND FLOOR PLAN

SCALE: 1/4° = 1'-0° JOB NO: 202128

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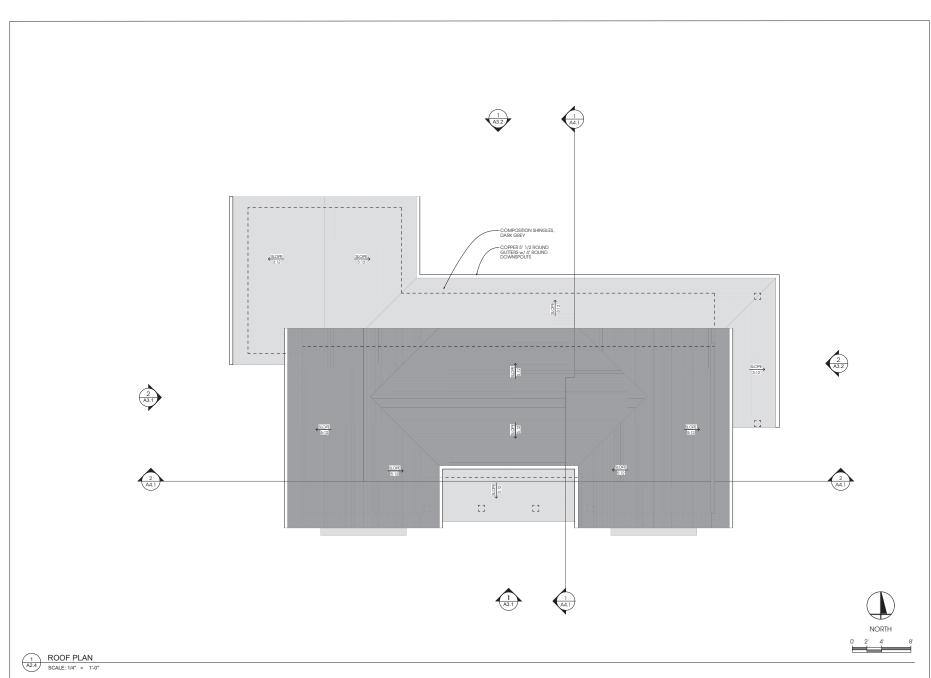


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PROPOSED BASEMENT PLAN SCALE: 1/4° = 1'-0° JOB NO: 202128

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ROOF PLAN SCALE: 1/4" = 1'-0"

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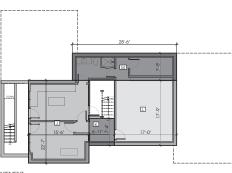
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FLOOR AREA & BUILDING COVERAGE DIAGRAMS SCALE: 1/8" = 1'-0"

JOB NO: 202128

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SECOND FLOOR



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TAG	SIZE	AREA	1
A	15'-6" x 21'-9"	337 S.F.	1
В	23'-1" x 25'-2"	578 S.F.	1
С	15'-6" x 30'-0"	465 S.F.	
D	3'-1" x 7'-3"	21 S.F.	
E	20'-11" x 19'-11"	416 S.F.	GARAGE
TOTAL		1,817 S.F.	1

TAG	SIZE	AREA
F	15'-6" x 23'-3"	360 S.F.
G	6'-11" x 3'-9"	26 S.F.
н	16'-2" x 14'-8"	236 S.F.
1	15'-6" x 23'-3"	360 S.F
TOTAL		982 S.

TAG	SIZE	ARE.
J	15'-6" x 22'-7"	350 S
K	6'-11" x 7'-4"	50 S.
L	17'-0" x 17'-9"	302 S
M	28'-6" x 7'-5"	211.5
TOTAL		913 9

AREA
1,817 S.F.
106 S.F.
119 S.F.
2,042 S.F.

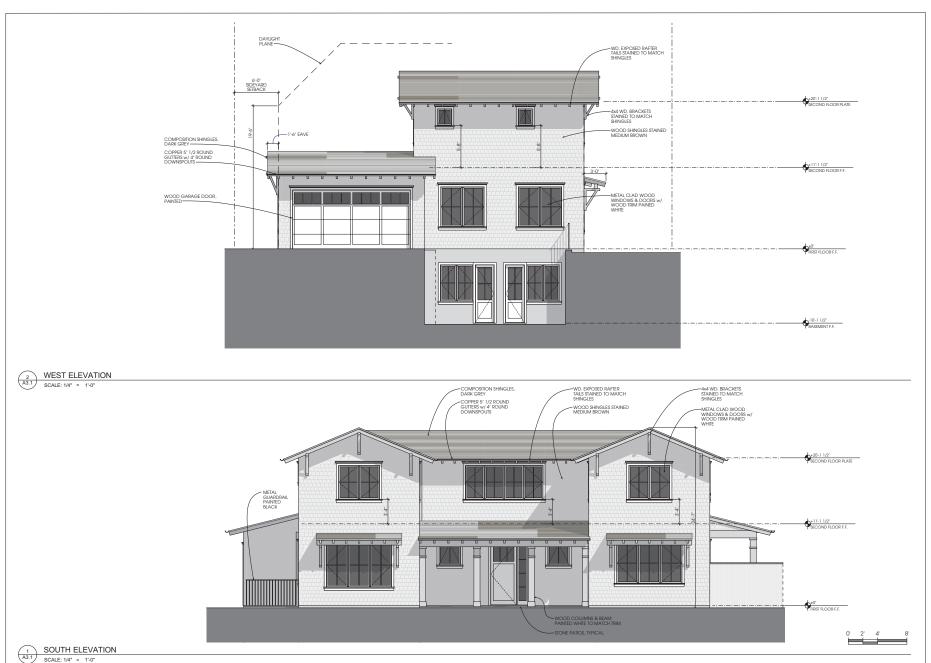
BUILDING COVERAGE CALCULATIONS

FLOOR AREA DIAGRAMS
SCALE: 1/8" = 1'-0"

BUILDING COVERAGE DIAGRAM
SCALE: 1/8" = 1'-0"

N —Δ= 90°00′00′ R=15.0′ L=23.5′

S 67°56'30' E X 110.0'





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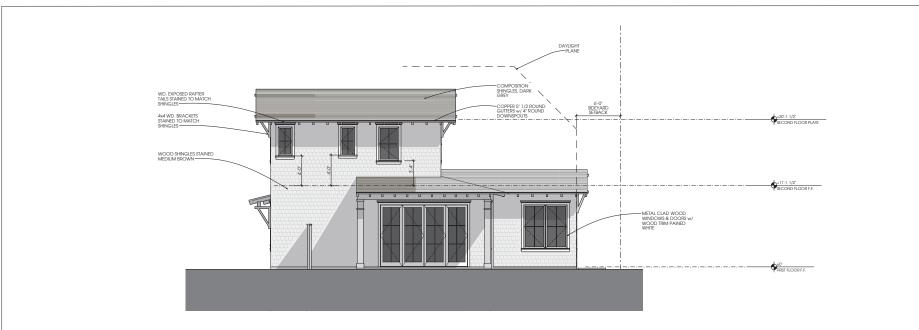
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PROPOSED EXTERIOR ELEVATIONS

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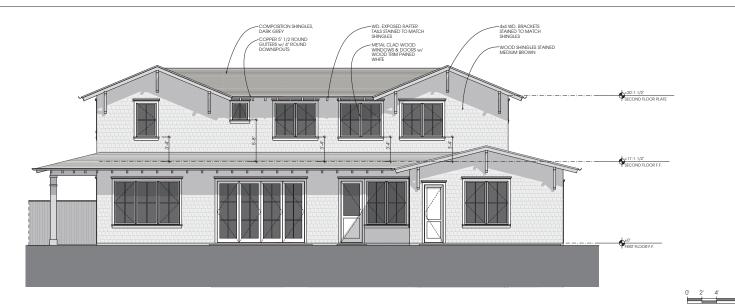
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EAST ELEVATION

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



1 NORTH ELEVATION
A3.2 SCALE: 1/4" = 1'-0"



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PROPOSED EXTERIOR ELEVATIONS

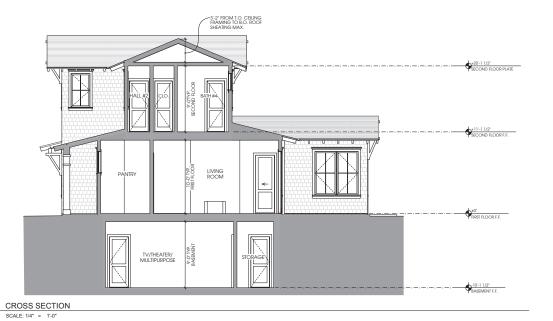
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SCALE: 1/4" = 1'-0"





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1 FRONT A5.1 NOT TO SCALE

EAST SIDE



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