

2 DD - 3D View CS



DESIGN CONFORMANCE

Design Narrative 614 Fedinand Ave

The Peng Residence is designed as a contemporary, two story, Single Family Residence.

The Site is Trapezoidal in shape with Ferdinand Ave. cutting through the front of at approx. 60Deg. angle, South to North. The Site slopes up approx. 4' from the front to the rear with a drop-off at the NE corner.

The house is set back 20' from the Front Property Line with the garage and driveway on the right side allowing a front porch and a large front yard.

The first floor has a master Suite, a 2nd Bed rm. and an Office area. The 2nd floor is an Open Plan Living area with a Media rm. and a South facing deck. Solar PV Panels would be placed on the West facing roof for optimal solar gain.

Landscaping features drought-tolerant native plantings with screening trees along the West property-line.

	EXISTING	PROPOSED		TOTAL		ALLOWED		
	AREA (SQFT)	%	AREA (SQFT)	%	AREA (SQFT)	%	AREA (SQFT)	%
LOT AREA	5001							
LOT COVERAGE	0	0.0	1405	28.1	1405	28.1	1750	35.0
FLOOR AREA			First Flr 820 Second Flr 991 Garage 475 Front Porch 93 Deck 56		First Flr820Second Flr991Garage475Front Porch93Deck56			
	Total O	0.0	Total 2435	48.7	Total 2435	48.7 Tot	cal 2650	53.0

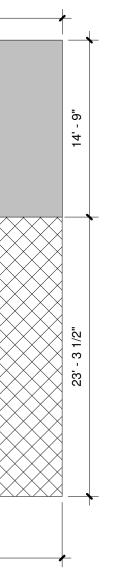
Scope of Work

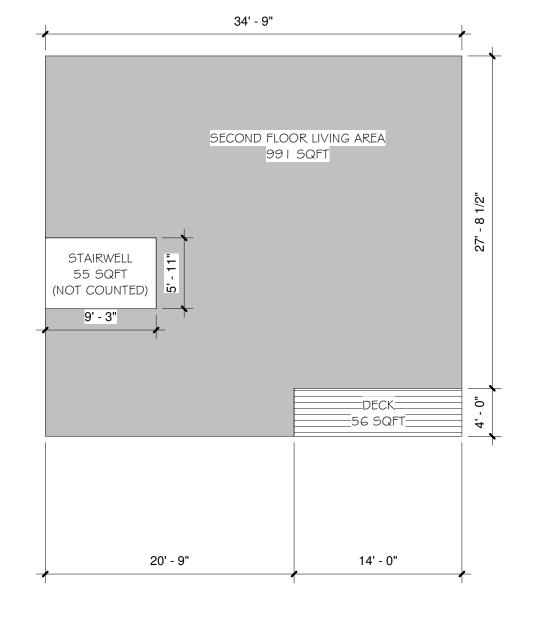
Construction of single-family dwelling w/ attached garage.

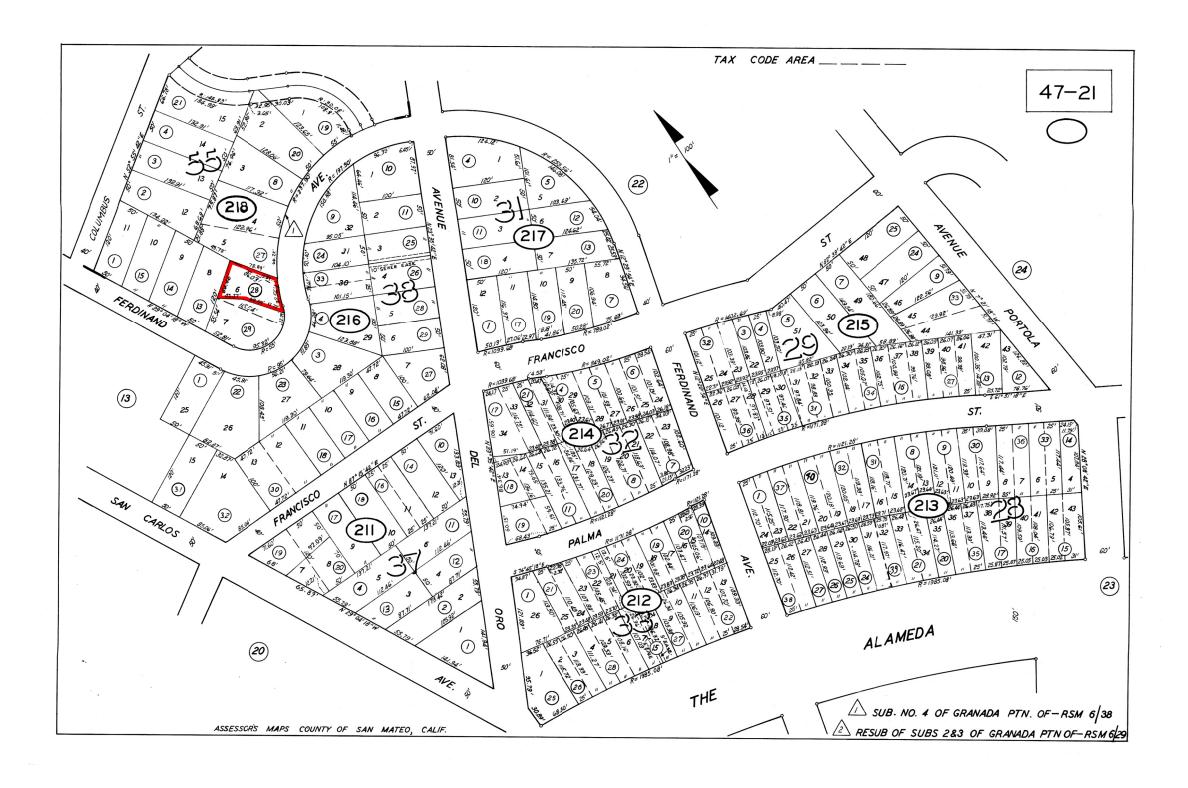
NOTES:

I . Building will be protected by an automatic fire sprinkler system.

Sheet List						
Sheet						
Number	Sheet Name					
AO.I	Cover Sheet					
SU	Survey					
A0.3	Site Plan					
СІ	Grading & Drainage					
C2	Erosion Control					
AI.I	Floor Plan					
A1.2	Roof Plan					
A2.1	Elevations					
A3.1	Section Views					
LP	Landscape Plan					







Site Data

APN:	047-218-280
ZONING:	R-1/S17/CD/DR
OCCUPANCY GROUP:	R-3/U
TYPE OF CONSTRUCTION:	V-B
PLN:	2019-00220
BID.	

APPLICABLE CODES: SAN MATEO COUNTY

- SAN MATEO COUNTY ZONING & BUILDING ORDINANCES
- 2019 CALIFORNIA RESIDENTIAL CODE
- 2019 CALIFORNIA BUILDING CODE 2019 CALIFORNIA MECHANICAL CODE
- 2019 CALIFORNIA PLUMBING CODE
- 2019 CALIFORNIA ELECTRICAL CODE
- 2019 CALIFORNIA ENERGY CODE
- 2019 CALIFORNIA FIRE CODE 2019 CALIFORNIA GREEN BUILDING STANDARDS CODE

Project Contacts

Owner: Stanley Peng PO Box 1888 El Granada, 94018 408.24.7503 gotsu@yahoo.com

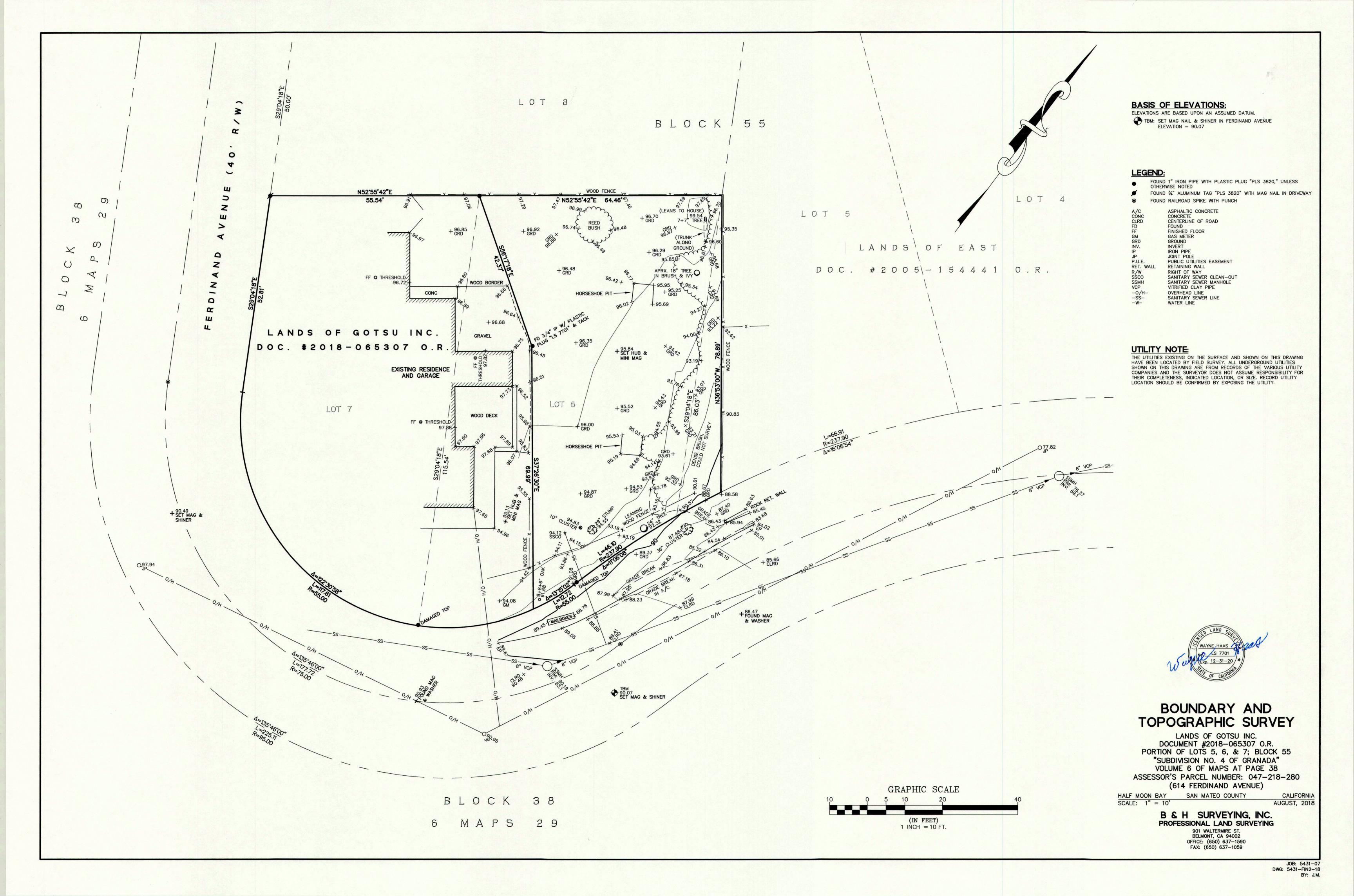
Geotechnical Engineer: Sigma Prime Geosciences Inc., Charlie Kissick 332 Princeton Ave HMB 94019 650.728.3590 sıgmaprm@gmail.com

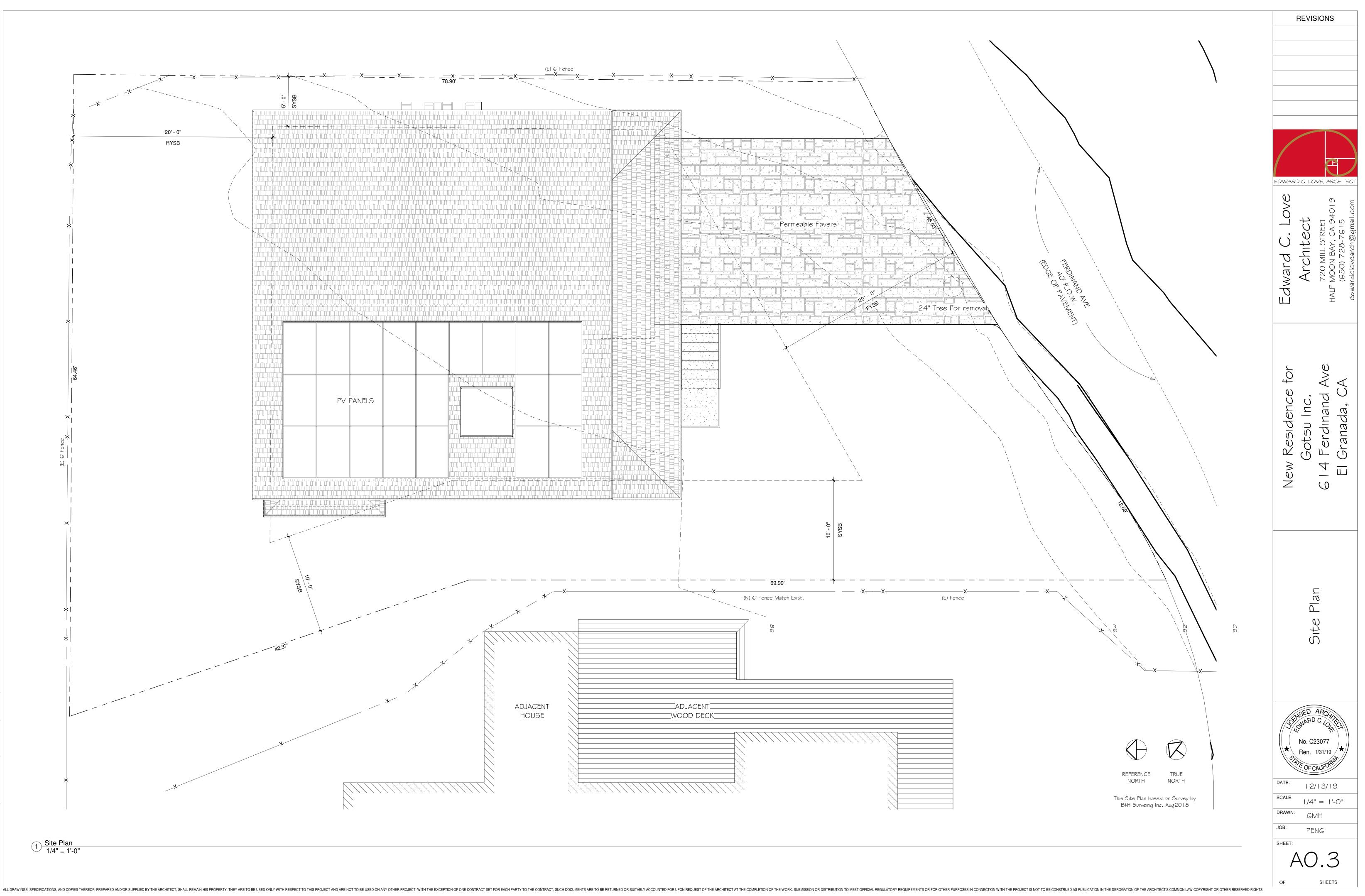
Structural Engineer: XXXEngineering Addressl Address2 Phone Email

General Contractor TBD Electrical TBD PV Systems TBD

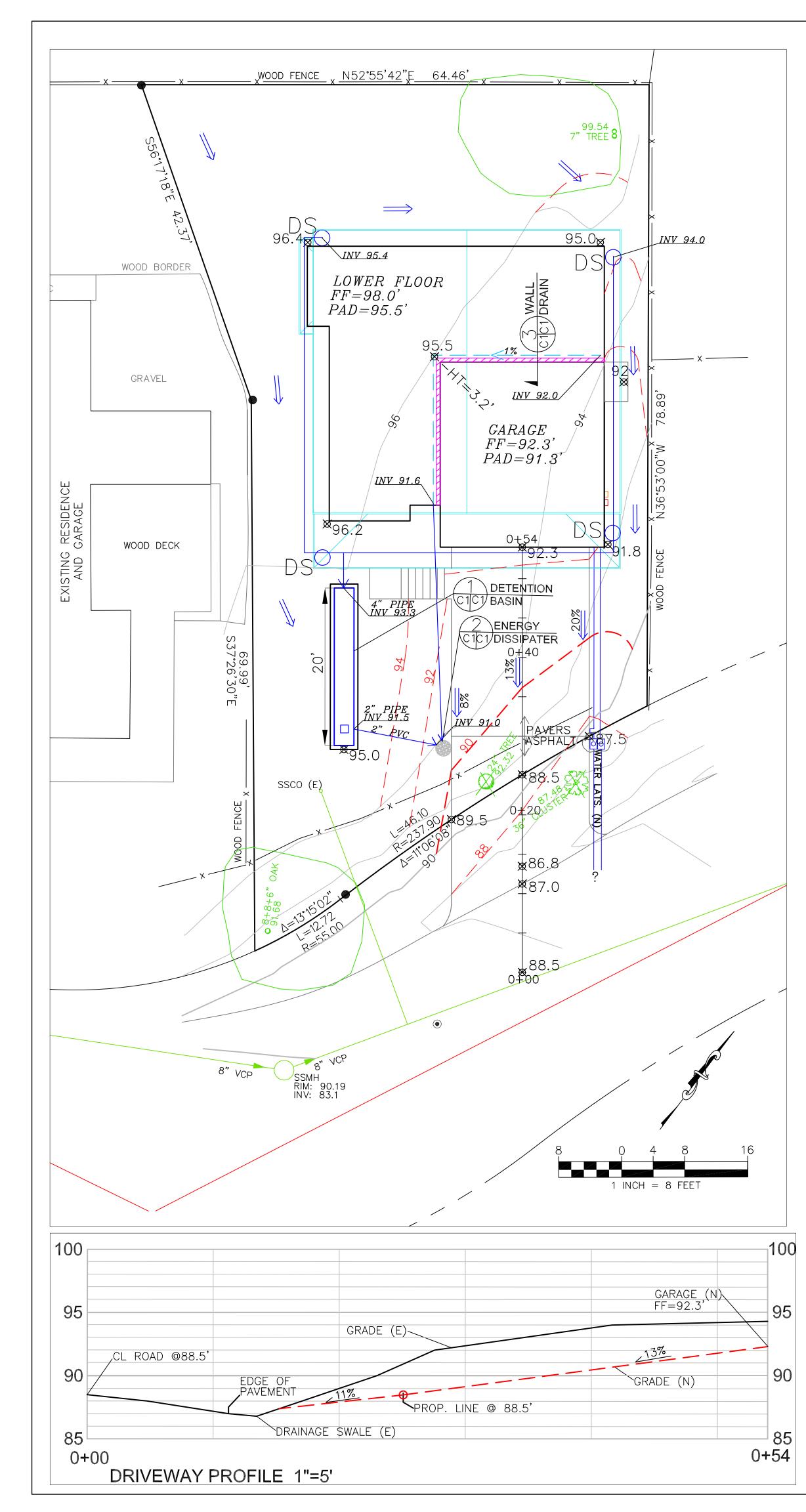
PGE Representative Phone email@PGE.com







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LEGEND

PROPOSED CONTOURS PROPOSED SPOT ELEVATION 303.2

ENERGY DISSIPATER - PER DETAIL 3

4" Solid Drain Pipe

- 4" PERFORATED DRAIN PIPE

TREE TO BE REMOVED

GENERAL NOTES

1. PLANS PREPARED AT THE REQUEST OF:

- STANELY PENG, OWNER 2. TOPOGRAPHY BY B&H SURVEYING, SURVEYED AUGUST, 2018.
- 3. THIS IS NOT A BOUNDARY SURVEY.
- 4. ELEVATION DATUM ASSUMED.
 5. THE GEOTECHNICAL REPORT

GEOTECHNICAL REPORT FOR PROPOSED SINGLE FAMILY DWELLING, APN 047-218-280; DATE: APRIL 16, 2019, BY SIGMA PRIME GEOSCIENCES, PROJECT NO. 19-105 SHALL BE RETAINED ON THE CONSTRUCTION SITE. THE GEOTECHNICAL ENGINEER OF RECORD IS SIGMA PRIME GEOSCIENCES, WITH THE CONTACT NUMBER (650) 728-3590. THE CONTRACTOR MUST SHALL NOTIFY THE GEOTECHNICAL ENGINEER OF RECORD AT LEAST 48 HOURS BEFORE CONSTRUCTION OF GEOTECHNICAL RELATED WORK. THE GEOTECHNICAL PART OF CONSTRUCTION WORK, INCLUDING BUT NOT LIMITED TO, ALL THE EARTHWORK AND FOUNDATION CONSTRUCTIONS, MUST SHALL BE APPROVED BY THE GEOTECHNICAL ENGINEER OF RECORD. 6. STORMWATER MANAGEMENT CONSTRUCTION INSPECTIONS SHALL BE SCHEDULED FOR APPLICABLE DRAINAGE INSPECTIONS, WHICH INCLUDE SITE CLEARANCE AND EROSION CONTROL MEASURES INSTALLATION AS WELL AS INSPECTION OF MAJOR DRAINAGE CONTAINMENT, TREATMENT, AND CONVEYANCE DEVICES BEFORE BEING BURIED (INCLUDING REQUIRED MATERIAL LABELS, E.G. PIPES, SUG-BGRADE MATERIALS, ETC.). PLEASE FOLLOW THE INSPECTION CARD INSTRUCTIONS AND PHONE NUMBER (650-306-8405 EXT 181) TO SCHEDULE COUNTY DRAINAGE INSPECTIONS ACCORDINGLY. THERE SHALL BE THREE INSPECTIONS: ONE FOR EROSION CONTROL INSTALLATION, ONE BEFORE DRAINAGE FACILITIES ARE BURIED, AND ONE FOR FINAL WALK AROUND.

DRAINAGE NOTES

1. DRAINAGE INTENT: IT IS THE INTENT OF THE DRAINAGE SYSTEM TO CONVEY ROOF RUNOFF TO A SAFE LOCATION, AND TO MINIMIZE EXCESSIVE MOISTURE AROUND FOUNDATIONS. DIRECT SLOPES SUCH THAT STORMWATER WILL NOT BE DIVERTED ONTO ADJACENT PROPERTIES.

2. ALL DOWNSPOUT DRAIN LINES SHALL LEAD TO DETENTION BASIN, AS SHOWN. THE DETENTION BASIN SHALL BE WATER-TIGHT AND DRAIN TO AN ENERGY DISSIPATER, AS SHOWN.

3. ALL ROOF DRAINAGE PIPES SHALL BE 3" DIAMETER MINIMUM SOLID PIPE, SLOPED AT 1% MINIMUM.

4. IT IS THE PROPERTY OWNER'S RESPONSIBILITY TO CHECK ON ALL STORMWATER FACILITIES SUCH AS ROOF GUTTERS, DOWNSPOUT LINES, AND THE DETENTION BASIN/ENERGY DISSIPATER TO BE SURE THAT THEY ARE CLEAR OF EXCESSIVE DEBRIS AND OPERATING EFFICIENTLY. THE FACILITIES SHALL BE CHECKED EVERY FALL AND PERIODICALLY DURING THE RAINY SEASON.

GRADING NOTES

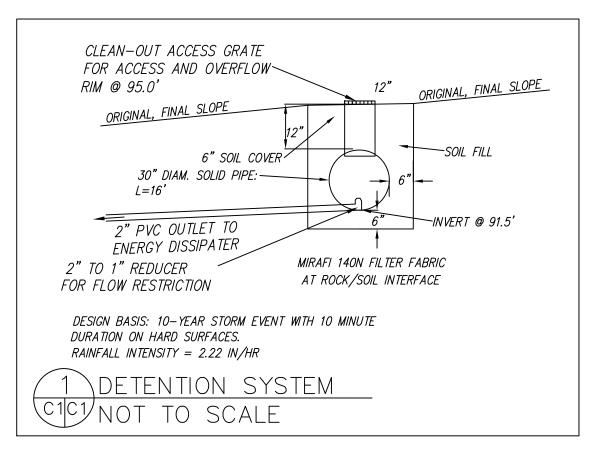
CUT VOLUME : 150 CY (FOR FOUNDATION, DRIVEWAY) FILL VOLUME: 0 CY

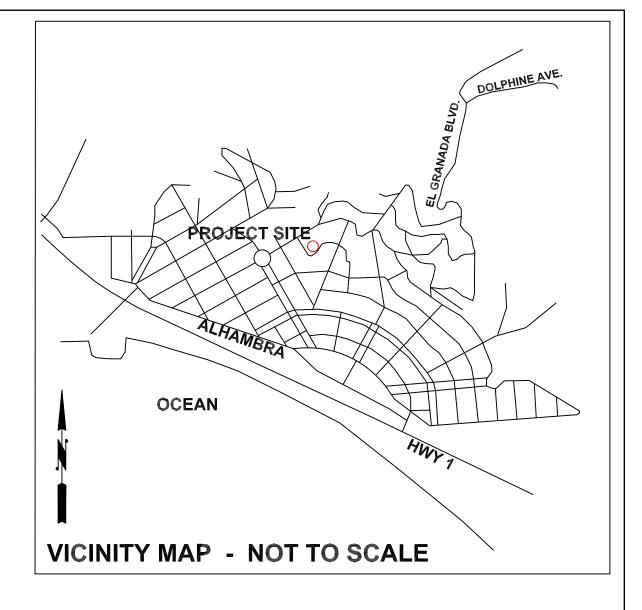
VOLUMES ABOVE ARE APPROXIMATE.

THE SUBGRADE BELOW ALL PAVED AREAS SHALL BE BASEROCK COMPACTED TO 95%.

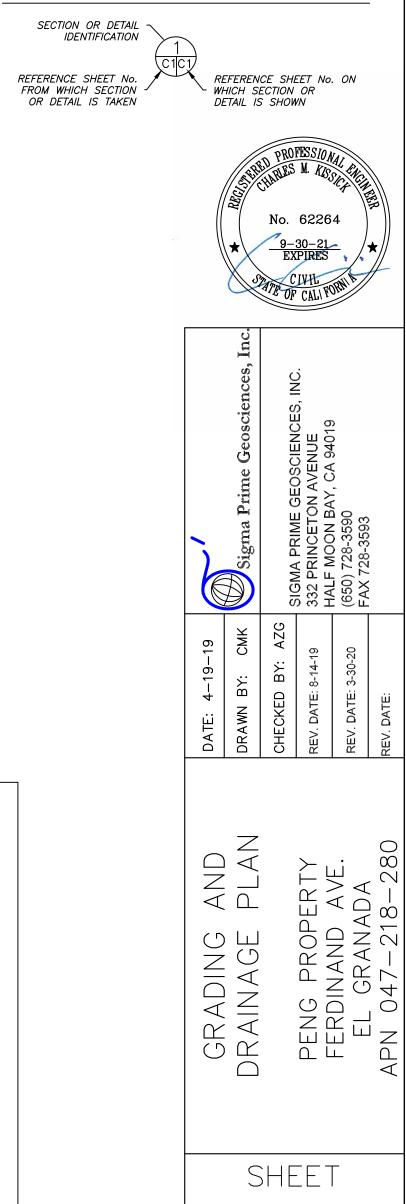
ALL GRADING SHALL CONFORM TO LOCAL CODES AND ORDINANCES.

ALL TRENCHES UNDER PROPOSED PAVED AREAS OR CONCRETE SHALL BE BACKFILLED TO SUBGRADE ELEVATION WITH COMPACTED APPROVED GRANULAR MATERIALS. IF TRENCHES ARE IN PROPOSED LANDSCAPE AREAS, THEY SHALL BE BACKFILLED WITH COMPACTED APPROVED GRANULAR MATERIAL TO WITHIN ONE FOOT OF FINISHED GRADE, AND THEN FILLED WITH HAND TAMPED SOILS.

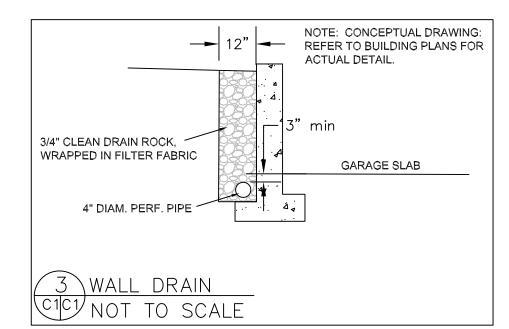


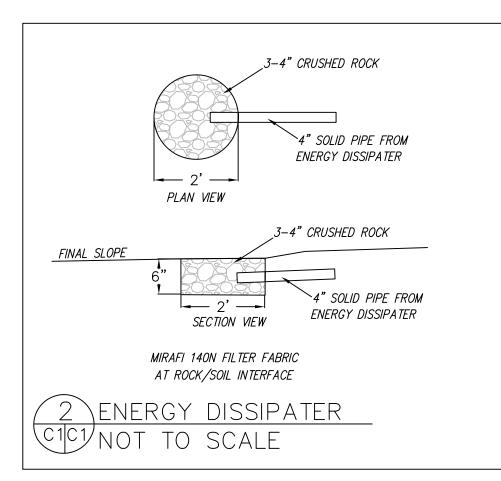


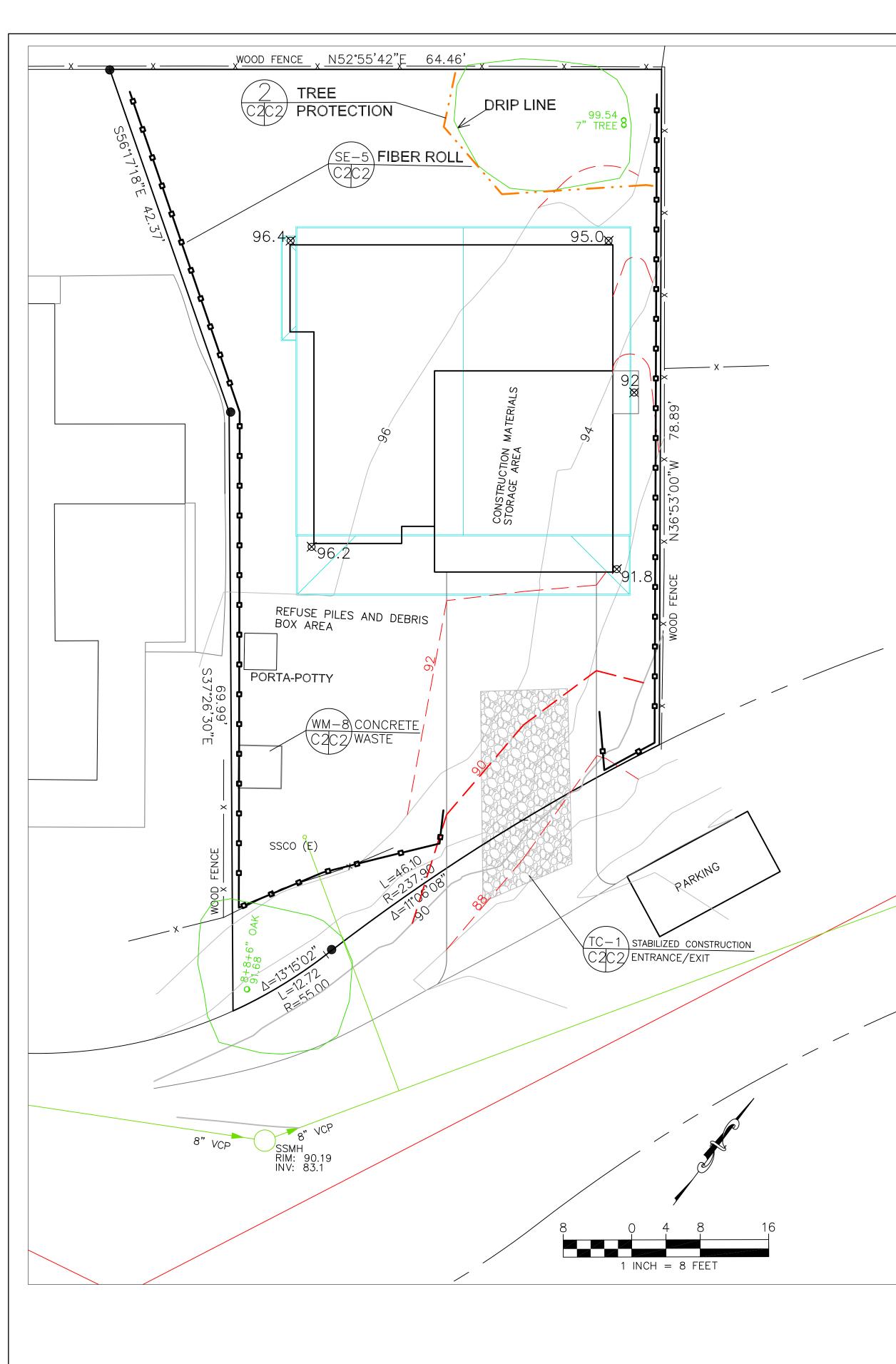
SECTION AND DETAIL CONVENTION



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EROSION CONTROL POINT OF CONTACT

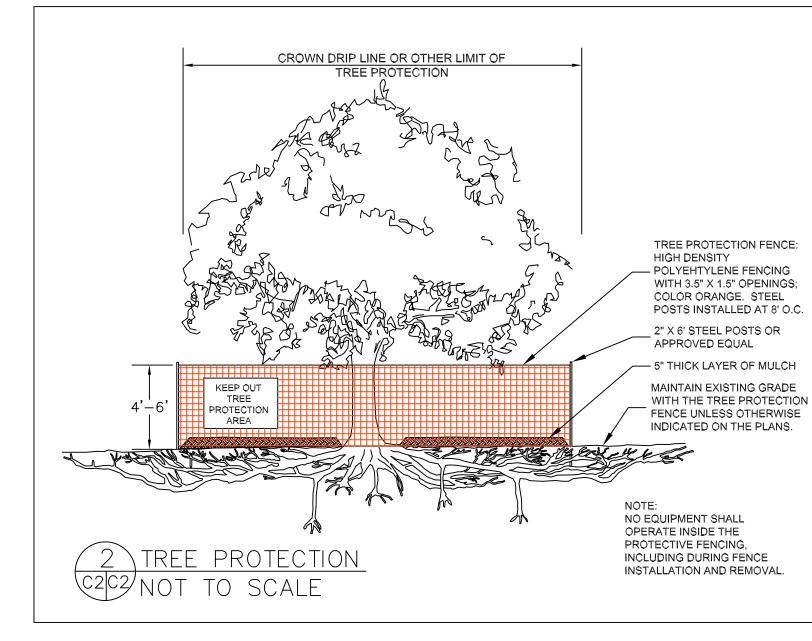
THIS PERSON WILL BE RESPONSIBLE FOR EROSION CONTROL AT THE SITE AND WILL BE THE COUNTY'S MAIN POINT OF CONTACT IF CORRECTIONS ARE REQUIRED.

NAME: <u>\$TANLEY PENG</u>

TITLE/QUALI	FICATION:	OWNER	
	400 040 7		

PHONE:	408-242-7503	
PHONE:		

E-MAIL: _____GOTSUREALESTATE@GMAIL.COM___



TREE PROTECTION NOTES

1. TREE PROTECTION FENCING SHALL BE INSTALLED PRIOR TO ANY GRADING AND REMAIN ON-SITE THROUGHOUT CONSRUCTION PROCESS.

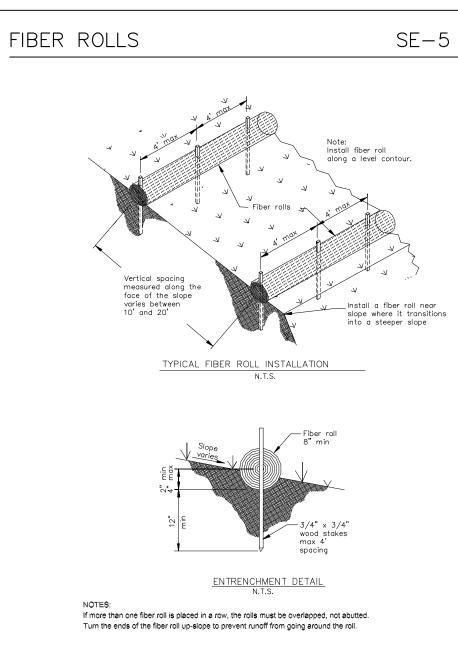
2. TREE PROTECTION FENCES SHALL BE INSTALLED AS CLOSE TO DRIP LINES AS POSSIBLE.

3. OWNER/BUILDER SHALL MAINTAIN TREE PROTECTION ZONES FREE OF EQUIPMENT AND MATERIALS STORAGE AND SHALL NOT CLEAN ANY EQUIPMENT WITHIN THESE AREAS.

4. ANY LARGE ROOTS THAT NEED TO BE CUT SHALL BE INSPECTED BY A CERTIFIED ARBORIST OR REGISTERED FORESTER PRIOR TO CUTTING, AND MONITORED AND DOCUMENTED.

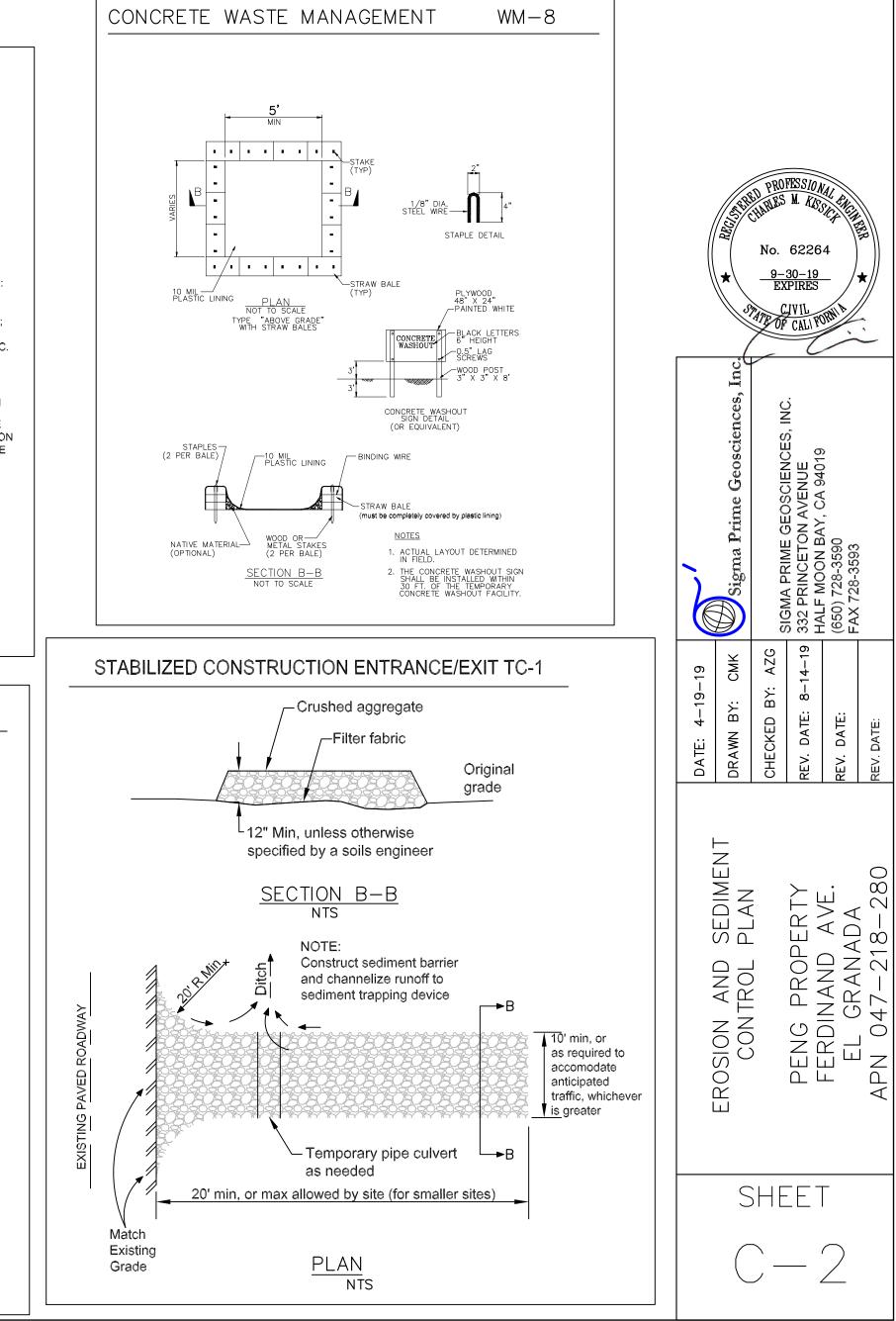
5. ROOTS TO BE CUT SHALL BE SEVERED WITH A SAW OR TOPPER.

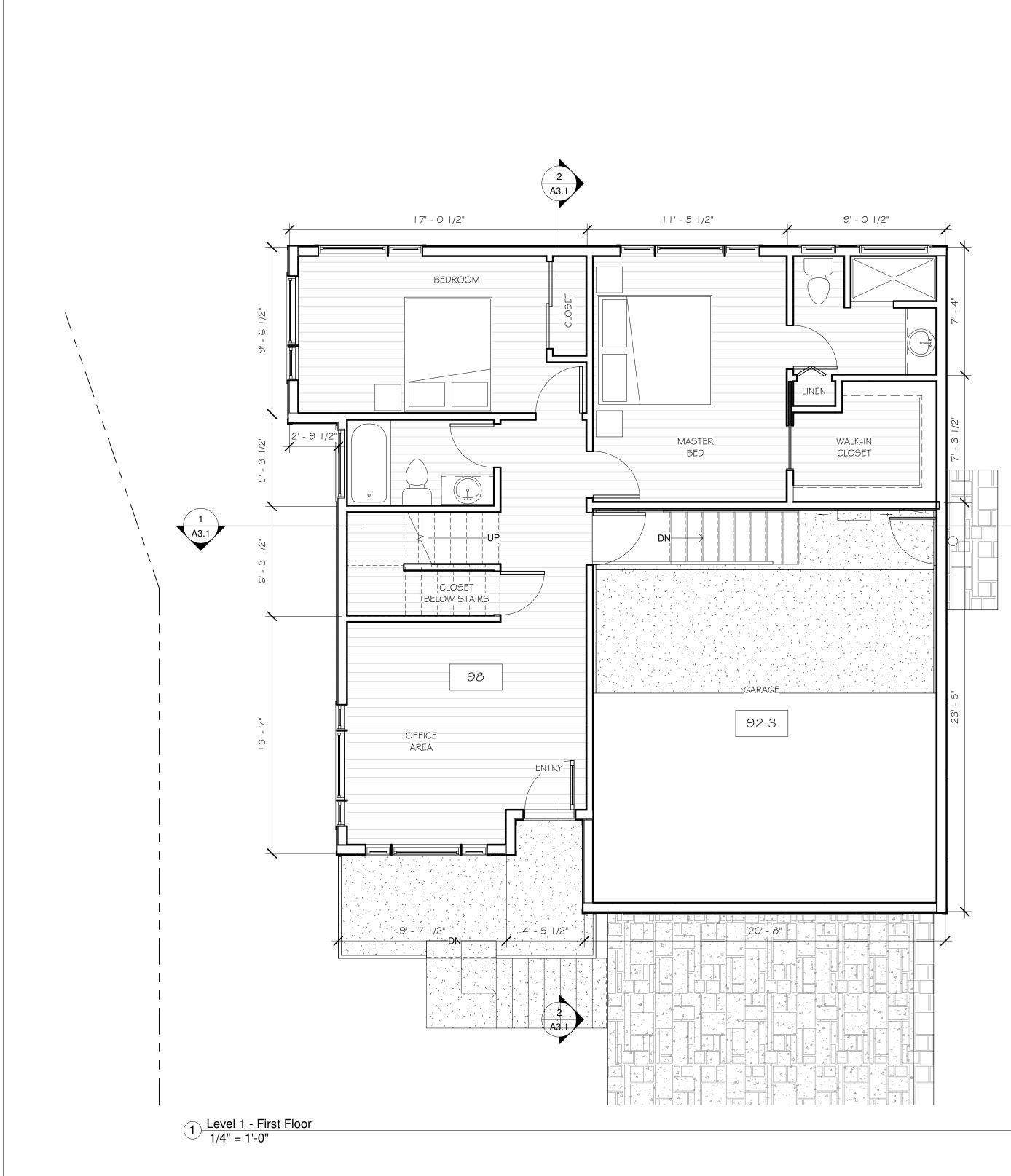
6. PRE-CONSTRUCTION SITE INSPECTION WILL BE REQUIRED PRIOR TO ISSUANCE OF BUILDING PERMIT.



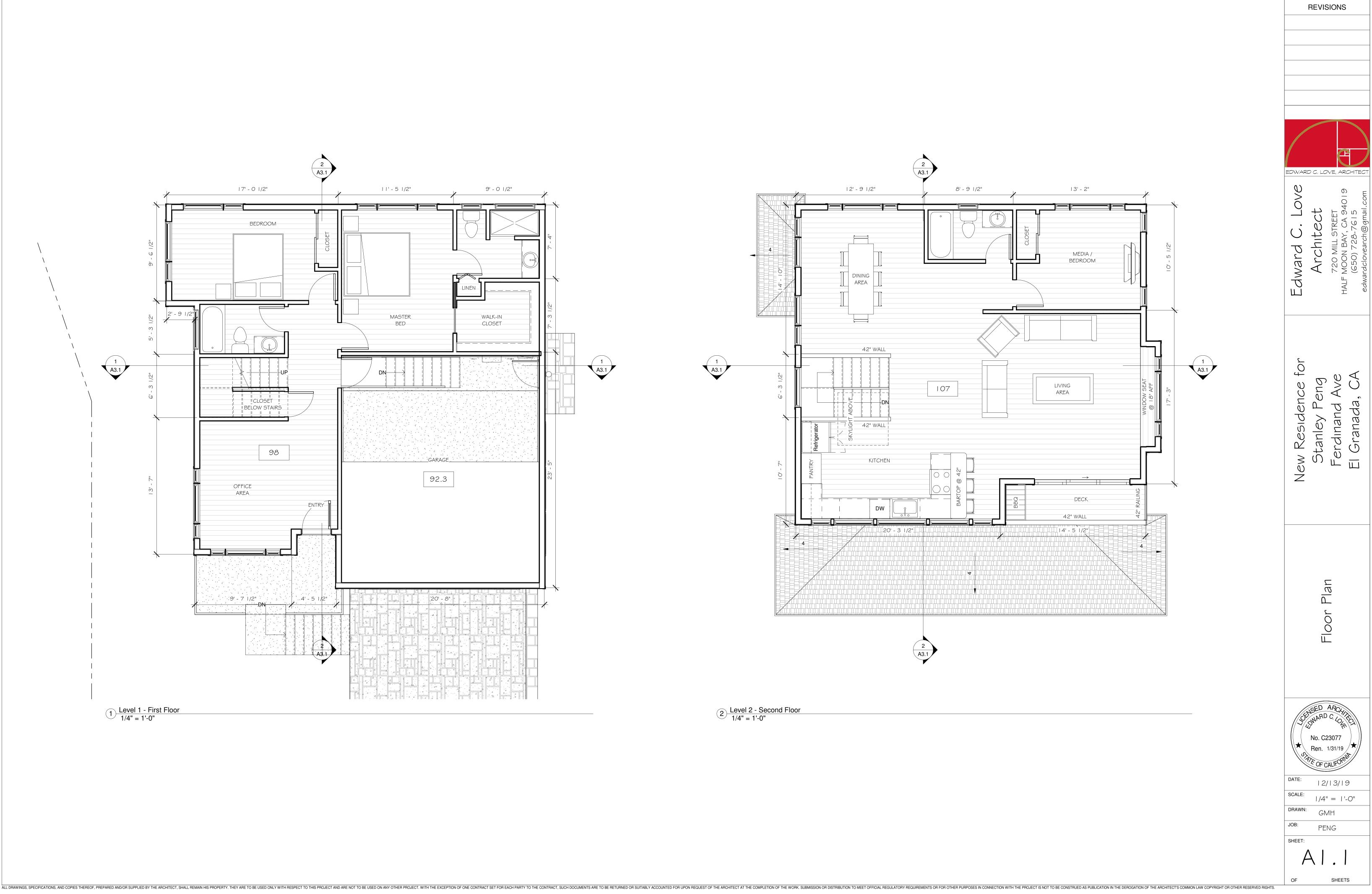
 There will be no stockpiling of soil. All excavated soil will be hauled off-site as it is excavated.

- Perform clearing and earth-moving activities only during dry weather. Measures to ensure adequate erosion and sediment control shall be installed prior to earth-moving activities and construction.
- Erosion control materials to be on-site during off-season.
- Measures to ensure adequate erosion and sediment control are required year-round.
 Stabilize all denuded areas and maintain erosion control measures continuously between October 1 and April 30.
- Store, handle, and dispose of construction materials and wastes properly, so as to prevent their contact with stormwater.
- Control and prevent the discharge of all potential pollutants, including pavement cutting wastes, paints, concrete, petroleum products, chemicals, wash water or sediments, and non-stormwater discharges to storm drains and watercourses.
- Avoid cleaning, fueling, or maintaining vehicles on-site, except in a designated area where wash water is contained and treated.
- · Limit and time applications of pesticides and fertilizers to prevent polluted runoff.
- · Limit construction access routes to stabilized, designated access points
- Avoid tracking dirt or other materials off-site; clean off-site paved areas and sidewalks using dry sweeping methods.
- Train and provide instruction to all employees and subcontractors regarding the Watershed Protection Maintenance Standards and construction Best Management Practices.
- Placement of erosion materials is required on weekends and during rain events.
- The areas delineated on the plans for parking, grubbing, storage etc., shall not be enlarged or "run over."
- · Dust control is required year-round.
- · Erosion control materials shall be stored on-site.





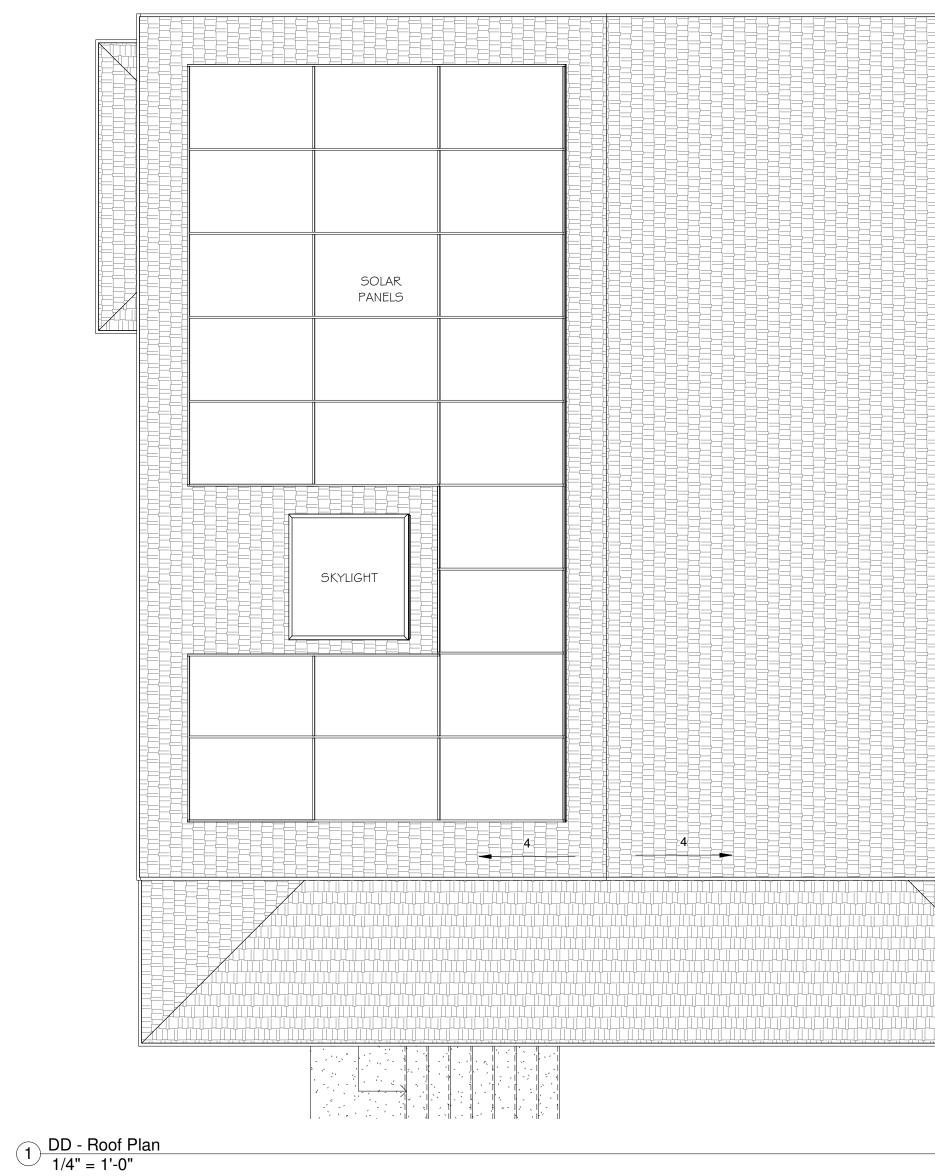




2 Level 2 - Second Floor 1/4" = 1'-0"

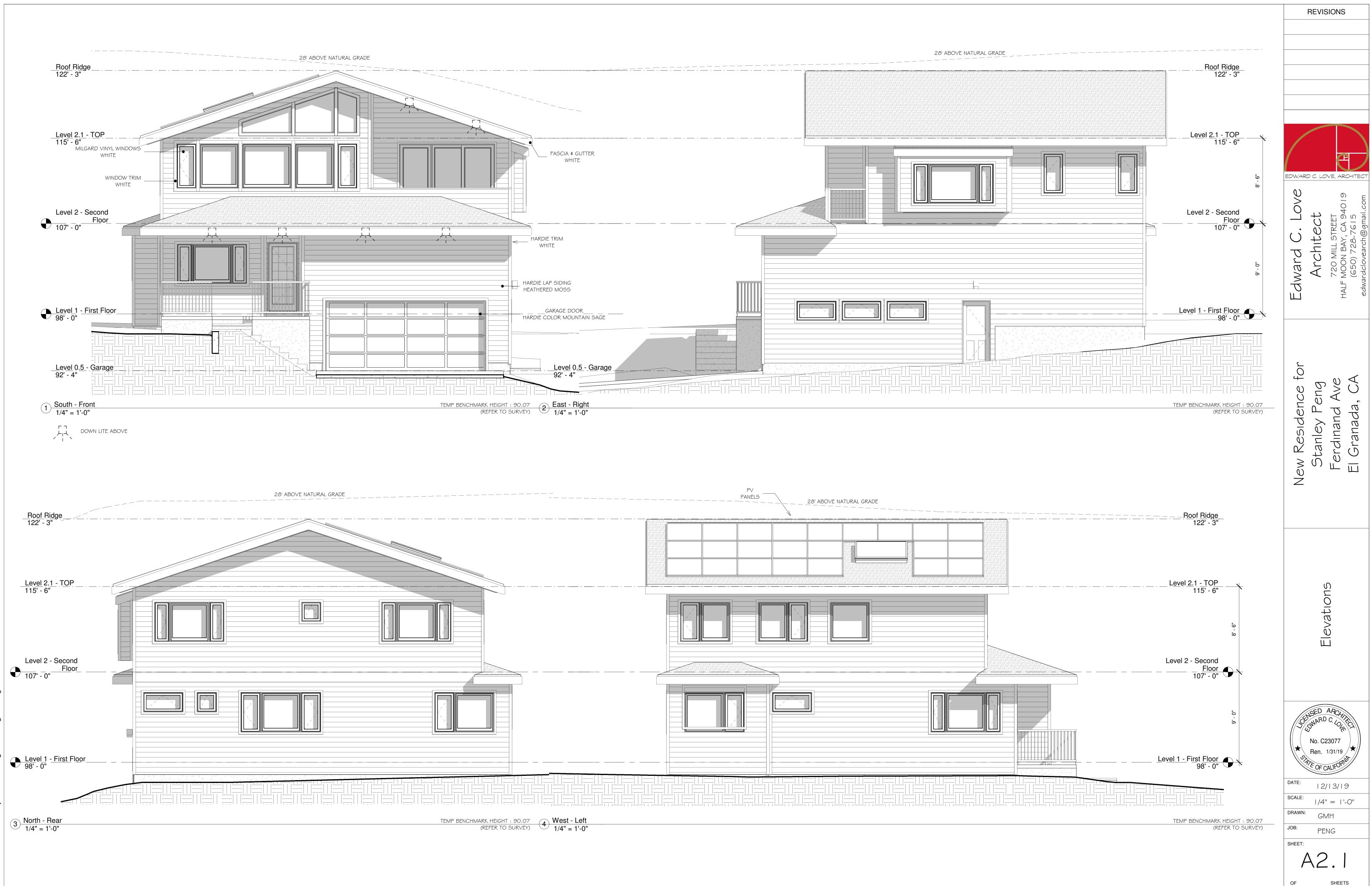
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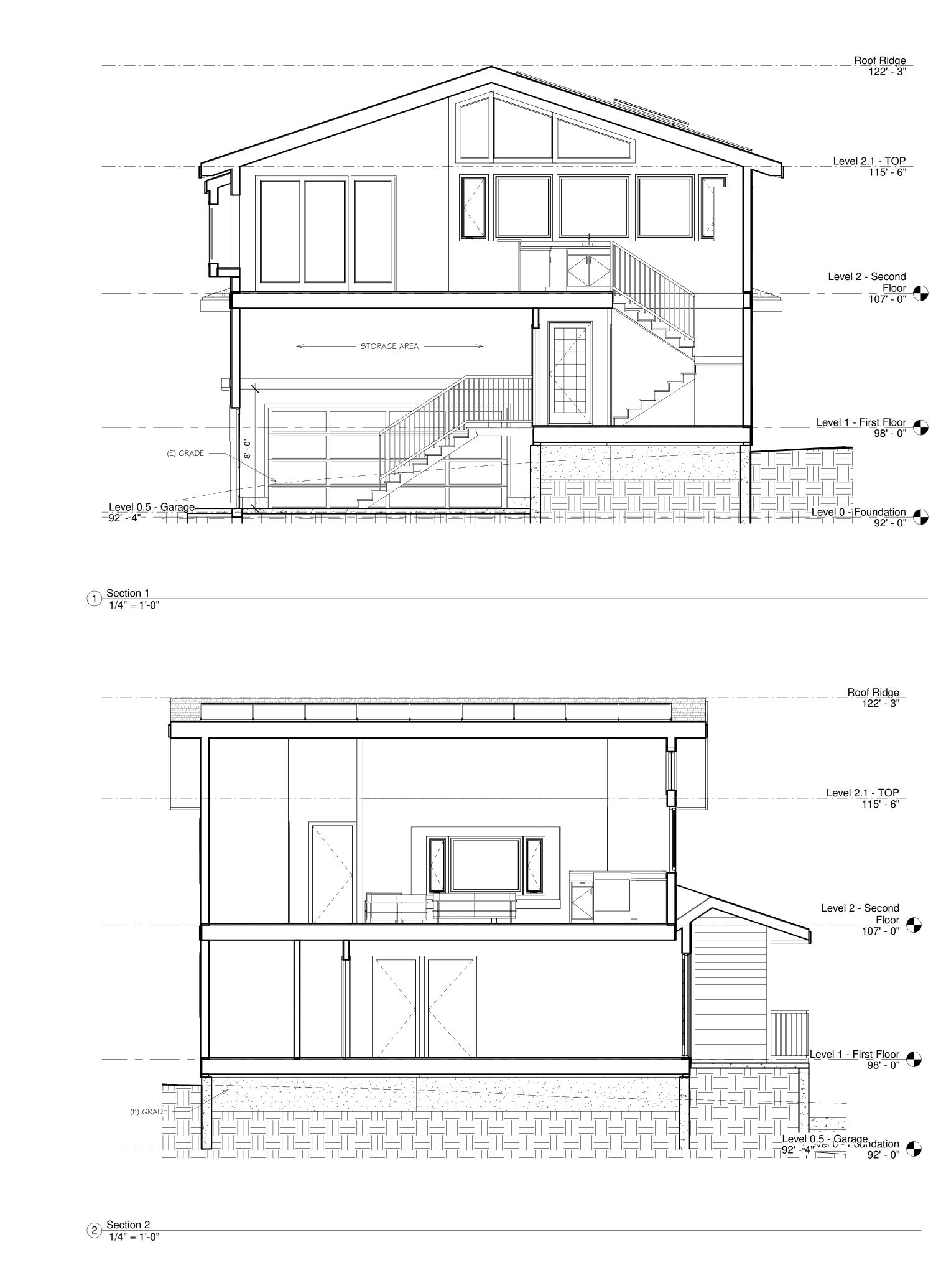
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	REVIS
	Edward C. Love Architect
	New Residence for Stanley Peng
DD-Paod Plan	
	DATE: 12/ SCALE: 1/4" DRAWN: GN JOB: PEN



LAL DRAWINGS, SPECIFICATIONS, AND COPIES THEREOF, PREPARED AND/OR SUPPLIED BY THE ARCHITECT, SHALL REMAIN HIS PROJECT TO THE ARCHITECT'S COMMON LAW COPYRIGHT OR OTHER RESERVED RIGHTS.

Projects 2018/Peng/Revit/Peng-Working.r



LAL DRAWINGS, SPECIFICATIONS, AND COPIES THEREOF, PREPARED AND/OR SUPPLIED BY THE ARCHITECT'S COMMON LAW COPYRIGHT OR OTHER RESERVED RIGHTS.



This outdoor wall fixture features a transitional style that will flatter your home's style. The light is made to last and has a clear seeded glass shade that's very attractive. You'll love the way this light looks.

Clear seeded glass shade shimmers in the light Backplate Width: 4.75 in. Backplate Height: 4.75 in. Voltage: 120 Transitional style adds visual intrigue Durable metal construction Designed for easy installation and upkeep Dark sky compatible

Dimensions: Product Depth (ın.) Product Height (ın.) Product Length (m.) Product Width (m.)

Exterior Lighting Product Type: Fixture Color/Finish:

Light Bulb Type Included:

Maxımum Wattage (watts):

Number of Bulbs Required:

Outdoor Lighting Features:

Product Weight (lb.):

Warranty / Certifications

Certifications and Listings:

Manufacturer Warranty:

Maxımum Bulb Wattage:

Details

Included:

Power Type:

Style:

Fixture Material:

Glass/Lens Type:

Outdoor Lanterns Antique Bronze Metal Clear Hardware Included No Bulbs Included 100 100 1 Dark Sky Hardwired 3.15lb

5.25 7.75

5.25 5.25

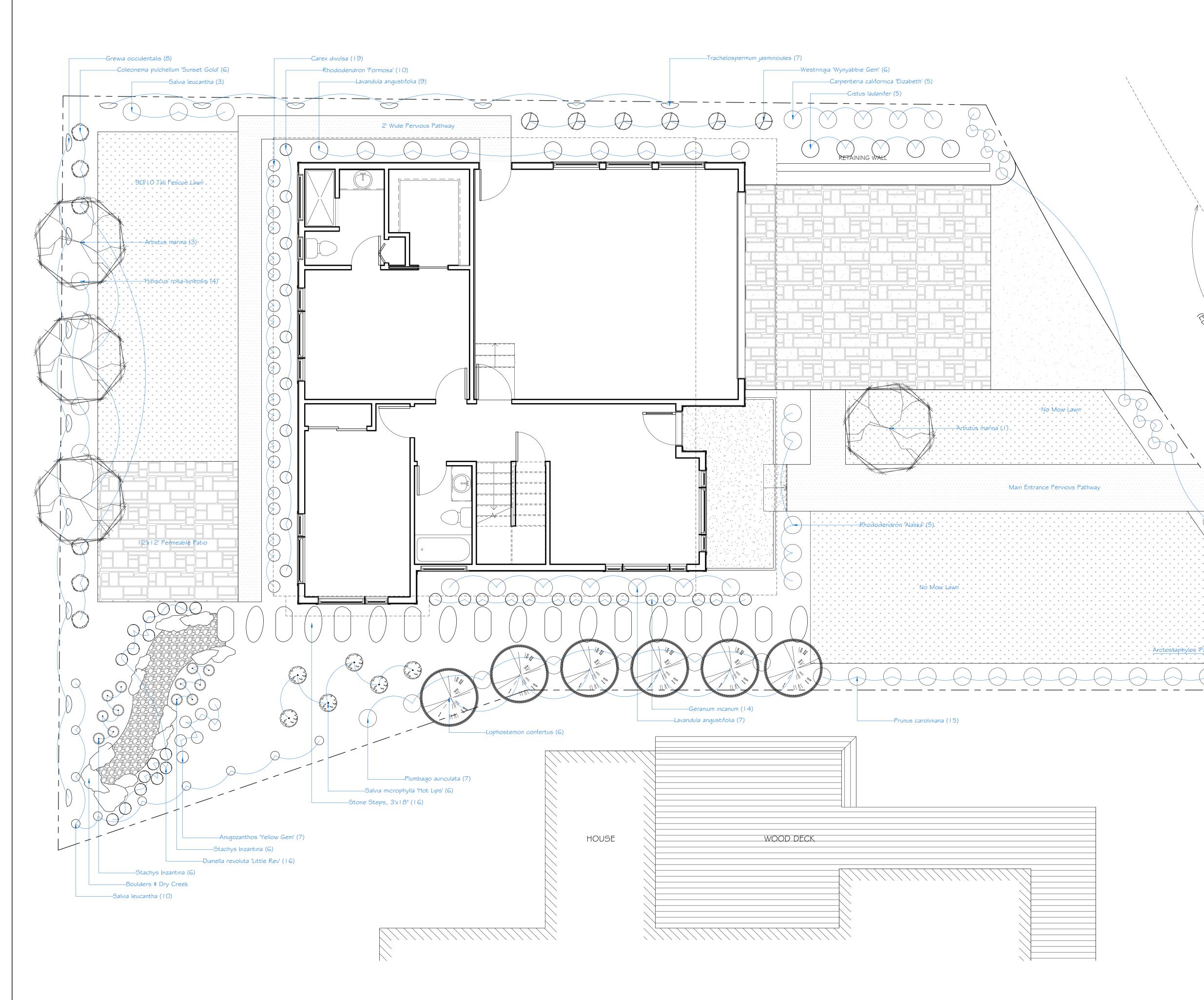
Recommended Light Bulb Shape Code: AI9 Transitional

> I -UL Listed,cUL Listed l year

REVISIONS EDWARD C. LOVE, ARCHITECT \mathcal{O} D LOV LOV \bigcirc 4 • \bigcirc chit dward \triangleleft Ш for Vew Residence f Stanley Peng Ferdinand Ave El Granada, CA U Ž S \leq VI@ ction \mathcal{O} \mathbb{O} GED AF No. C23077 Ren. 1/31/19 OFCAL DATE: |2/|3/|9 SCALE: As indicated DRAWN: GMH JOB: PENG SHEET: A3.

SHEETS

OF



		Schedule			
	Qty.	Botanical Name	Size	WUCOLS	ω Ę
	4	Arbutus marina	15 Gal	Low	
	6	Lophostemon confertus	15 Gal	Moderate	
	13	Salvia leucantha	5 Gal	Low	by: Yesenıa Staal yesenıa@hıddencreek.us ≰ Mıguel Fernandez ernsgardenıng@gmaıl.com
	6	Salvia microphylla 'Hot Lips'	5 Gal	Moderate	а С епс Сепс @ д а
	7	Plumbago auriculata	5 Gal	Low	Yesenia @hidde guel Fer dening@
	16	Lavandula angustifolia	5 Gal	Low	by: Yesen yesenia@hidd ≰ Miguel Fe fernsgardening
	5	Rhododendron 'Alaska'	5 Gal	Moderate	le a a a
	15	Prunus caroliniana	5 Gal	Low	
	5	Cistus ladanifer	5 Gal	Low	enia Mic
	5	Carpenteria californica 'Elizabeth'	5 Gal	Low	
	7	Trachelospermum jasminoides	5 Gal	Moderate	er X
	6	Westringia 'Wynyabbie Gem'	5 Gal	Low	4-
		•			
	10	Rhododendron 'Formosa'	5 Gal	Low	
Υ. Λ	6	Coleonema pulchellum 'Sunset Gold'	5 Gal	Moderate	
	4	Hibiscus rosa-sinensis	5 Gal	Moderate	
	8	Grewia occidentalis	5 Gal	Moderate	
	12	Stachys bizantina	I Gal	Low	
	16	Dianella revoluta 'Little Rev'	I Gal	Low	
	7	Anıgozanthos 'Yellow Gem'	I Gal	Low	
	19	Carex dıvulsa	I Gal	Low	
$\langle \rangle$	14	Geranium incanum	I Gal	Low	
	26	Arctostaphylos 'Pacific Mist'	I Gal	Low	
		IO# per ksfI2. Contractor to apply a 3" exposed soil surfaces of areas of turf or creeping 3. Landscape shall comply w requirements.3. Landscape shall comply w requirements.4. All landscaping to be han $\frac{\% of:}{10.0\%}$ $\frac{10000}{20000000000000000000000000000000$	bid purp Drganic c ertilizer layer of i planting a or rootir with all Cc d watere pe, Non- ipe, Pervi D/10 Tall I cion (WUC cion (WUC v Lawn (W nly	poses amend as compost mulch on all areas, except in ig groundcovers. ounty of San Mateo d. Pervious ous Fescue COL: Moderate)	Gotsu Inc. Residence Ferdinand Ave., El Granada, CA 94018 Gotsu Inc.
		0 5 10		20	Date: $5/28/19$ Scale: $\frac{1}{4}$ " = 1'-0" 0
		REFERENCE		TRUE NORTH	Plan

ands

Sheet

OF