

Design Narrative

DESIGN CONFORMANCE

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.

PROPOSED TOTAL EXISTING ALLOWED AREA (SQFT) AREA (SQFT) AREA (SQFT) AREA (SQFT) 5001 LOT AREA 0.0 LOT COVERAGE 1405 28.1 1405 28.1 1750 35.0 820 991 475 93 56 Fırst Flr 820 Fırst Flr Second Flr Second Flr Garage Front Porch Garage Front Porch FLOOR AREA 2435 | 48.7 | Total Total 0 0.0 Total 2650 53.0 2435 48.7 Total

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					
AO.3	Site Plan					
СІ	Grading & Drainage					
C2	Erosion Control					
A1.1	Floor Plan					
A1.2	Roof Plan					
A2.1	Elevations					
A3.1	Section Views					
IP	Landscape Plan					

Site Data

047-218-280 R-1/S17/CD/DR ZONING: OCCUPANCY GROUP: R-3/U TYPE OF CONSTRUCTION: V-B

PLN: BLD: 2019-00220

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

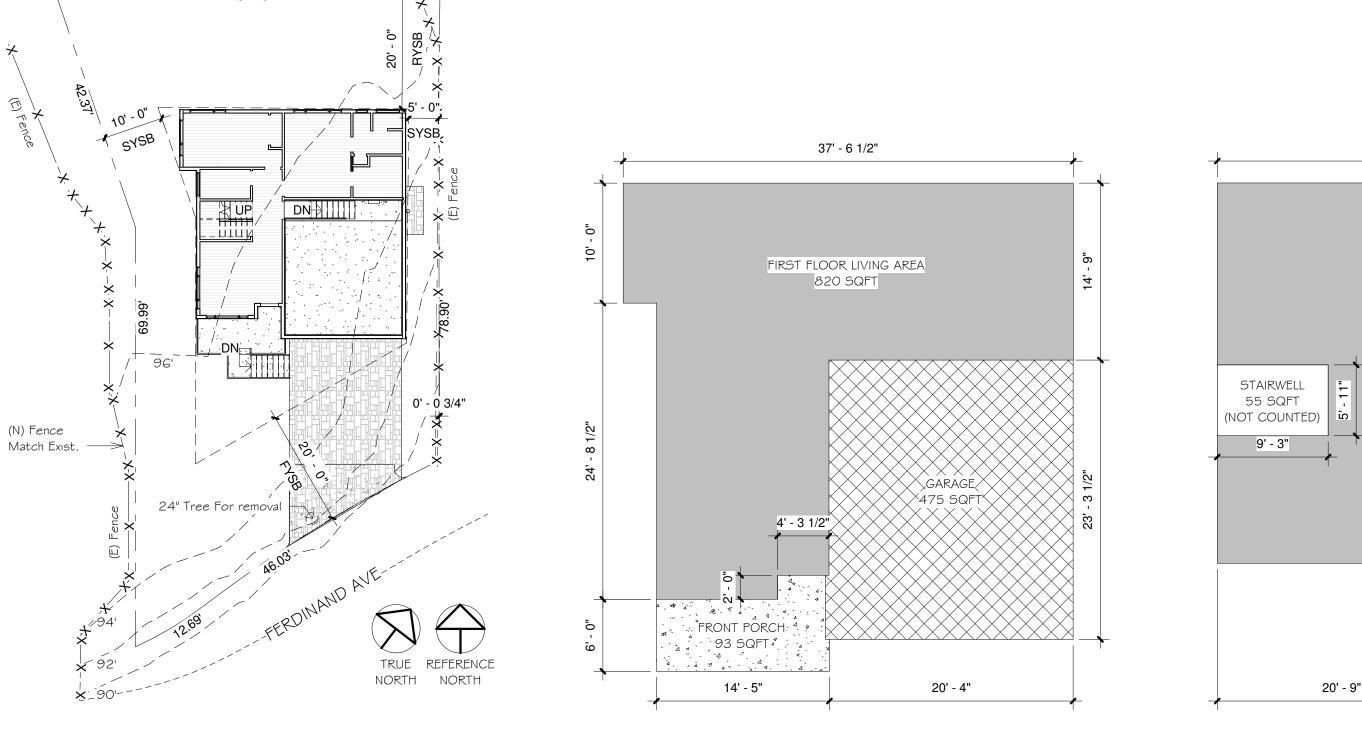
Owner: Stanley Peng PO Box 1888 El Granada, 94018 408.24.7503 gotsu@yahoo.com

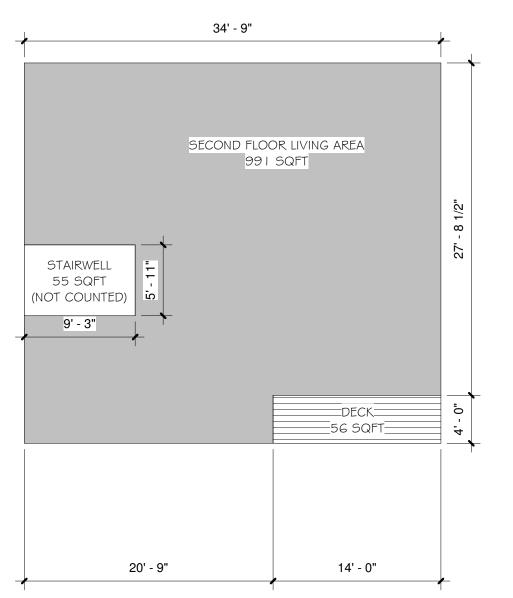
Geotechnical Engineer: Sigma Prime Geosciences Inc., Charlie Kissick 332 Princeton Ave HMB 94019 650.728.3590 sıgmaprm@gmail.com

Structural Engineer: XXXEngineering Addressl Address2 Phone Email

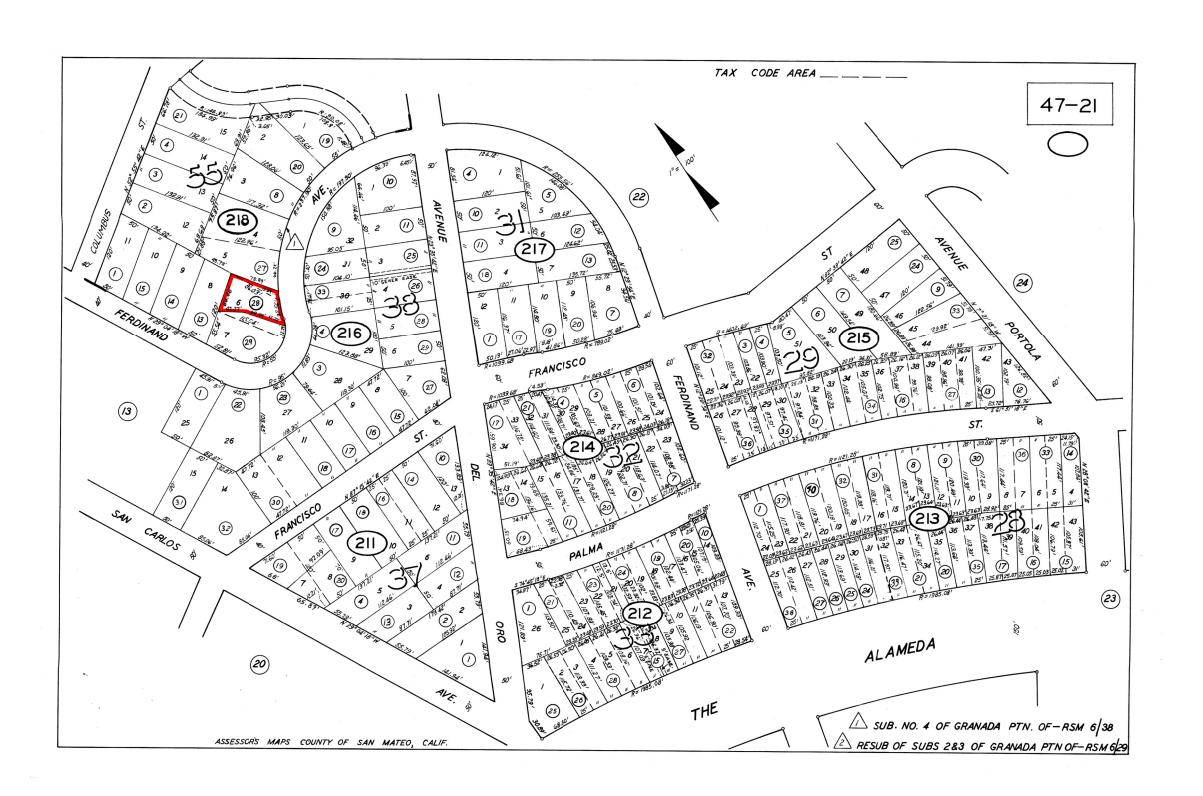
General Contractor Electrical PV Systems

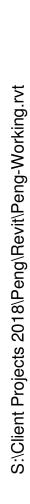
Representative Phone email@PGE.com





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1 DD - Site Plan - CS 1/16" = 1'-0"

(2) DD - 3D View CS

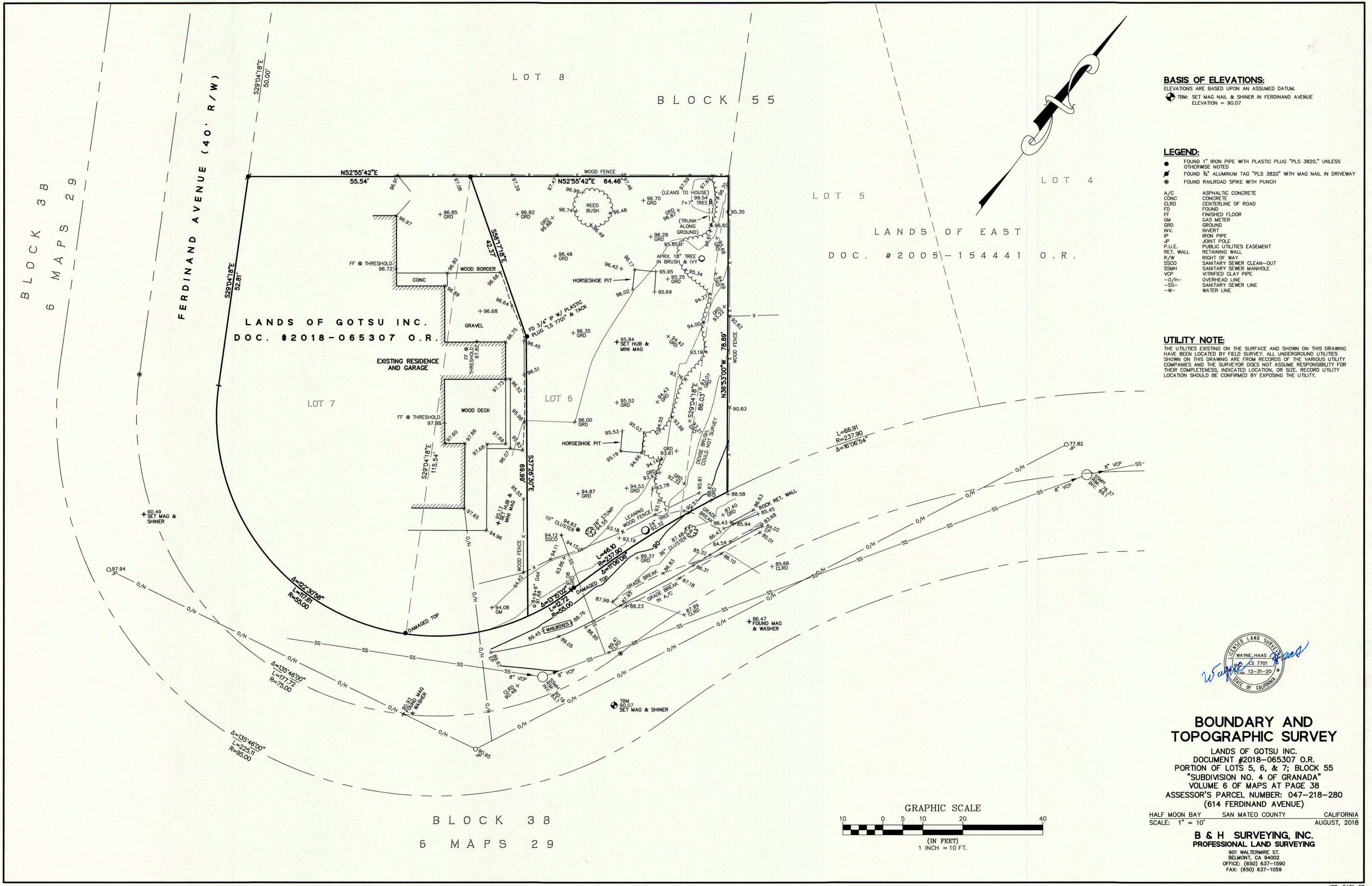
EDWARD C. LOVE, ARCHITECT Edward / Residence f Gotsu Inc. Ferdinand A Granada, CA

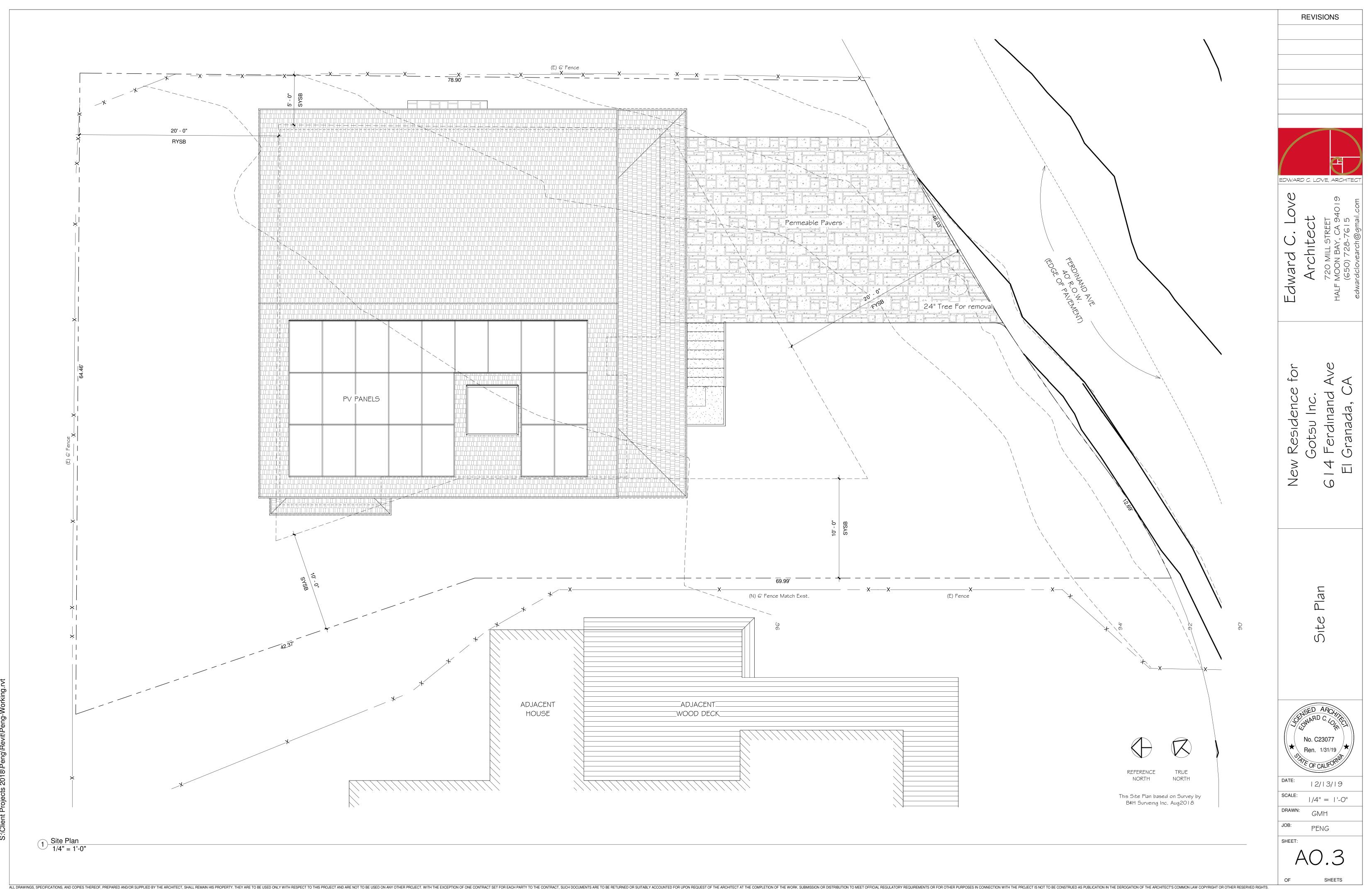
REVISIONS

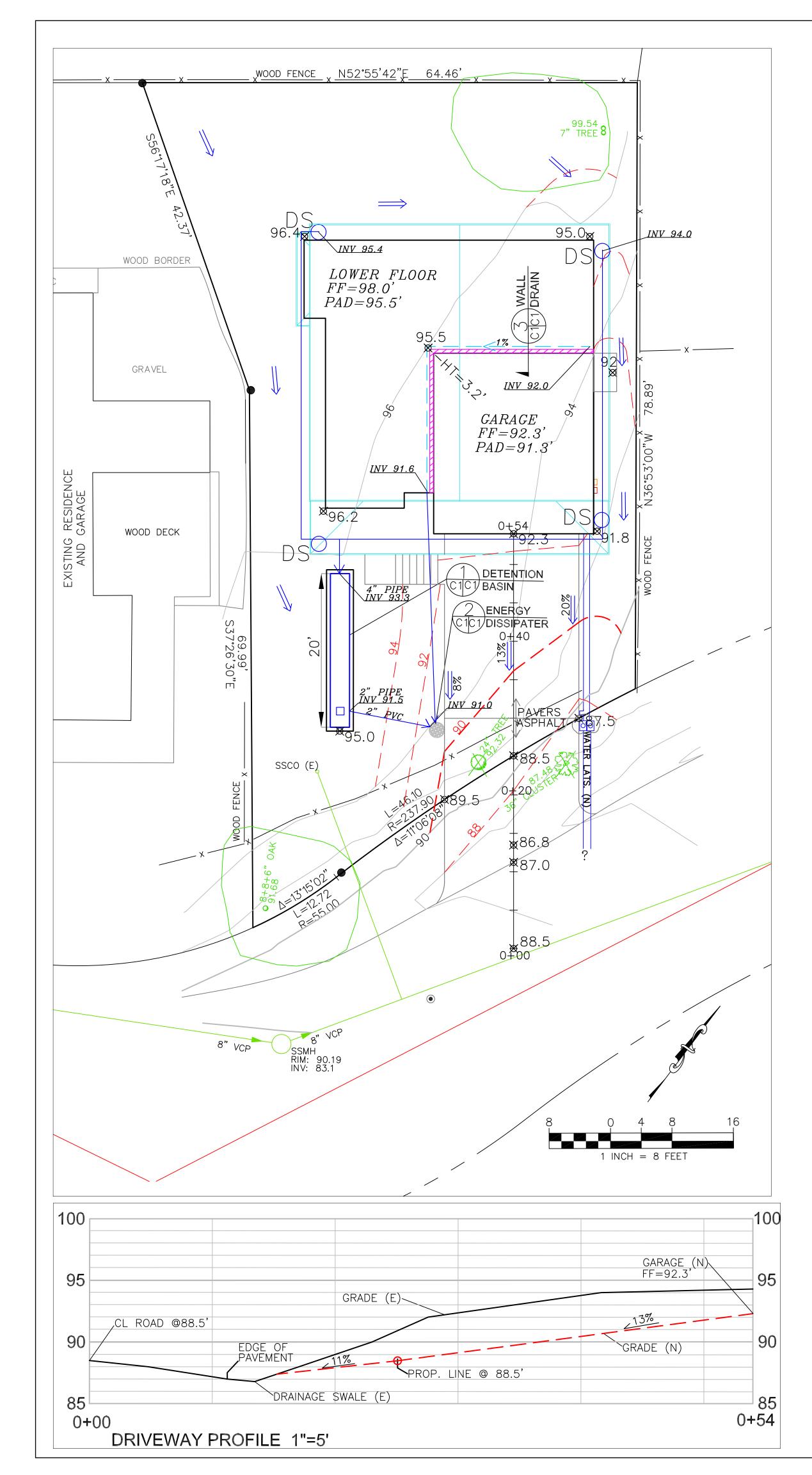
02/19/20

As indicated

SHEETS







LEGEND

/ EXISTING CONTOURS

// PROPOSED CONTOURS

PROPOSED SPOT ELEVATION Ø 303.2



ENERGY DISSIPATER - PER DETAIL 3





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:

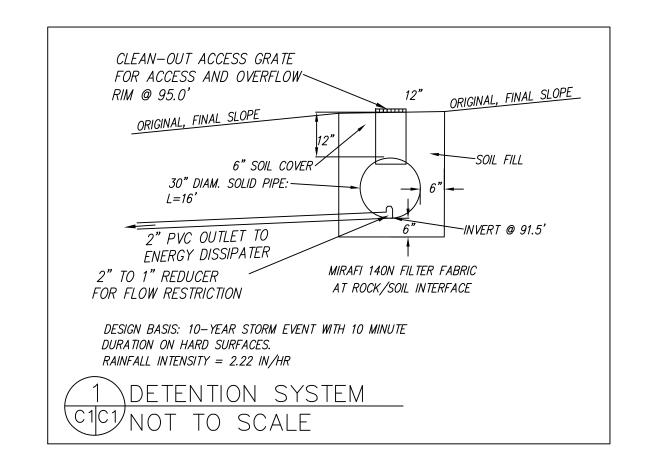
GEOTECHNICAL REPORT FOR PROPOSED SINGLE FAMILY DWELLING, APN **047-218-280**; DATE: APRIL 16, 2019, BY SIGMA PRIME GEOSCIENCES, PROJECT NO. 19-105 SHALL BE RETAINED ON THE CONSTRUCTION SITE. THE GEOTECHNICAL ENGINEER OF RECORD IS SIGMA PRIME GEOSCIENCES, WITH THE CONTACT NUMBER (650) 728-3590. THE CONTRACTOR 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.

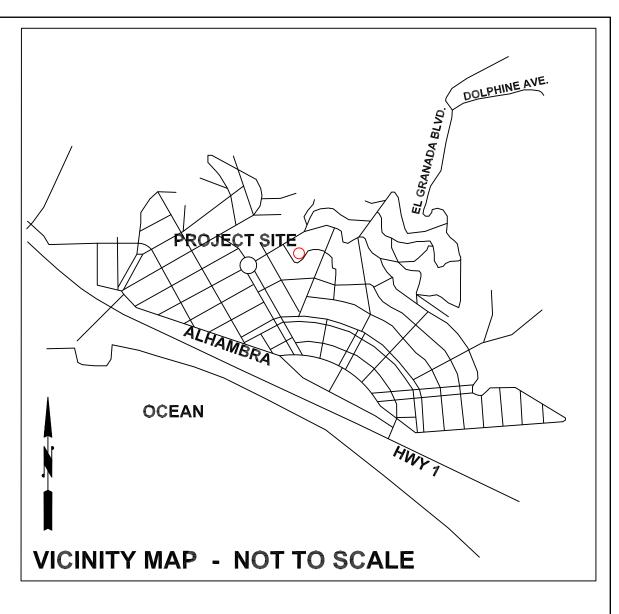
DRAINAGE NOTES

- 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.

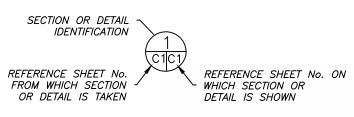
GRADING NOTES

- 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.

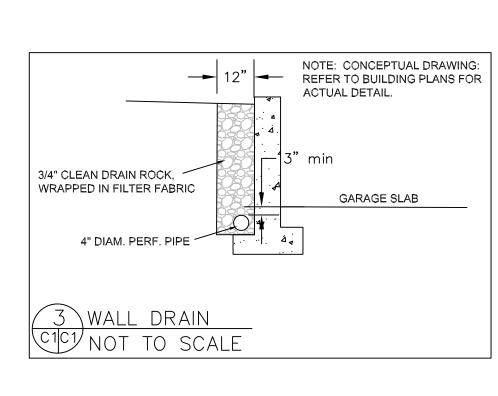


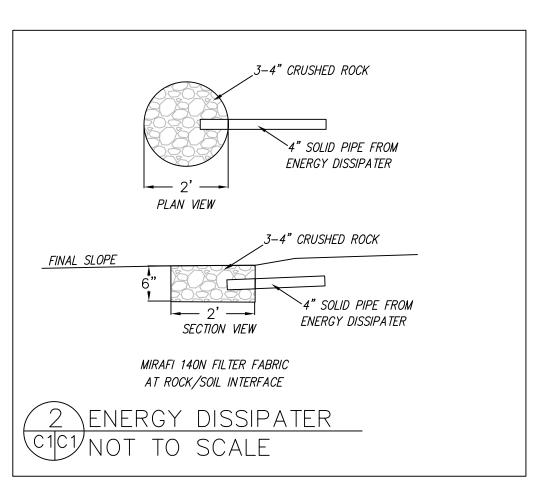




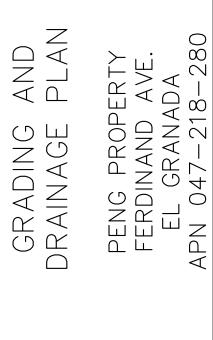




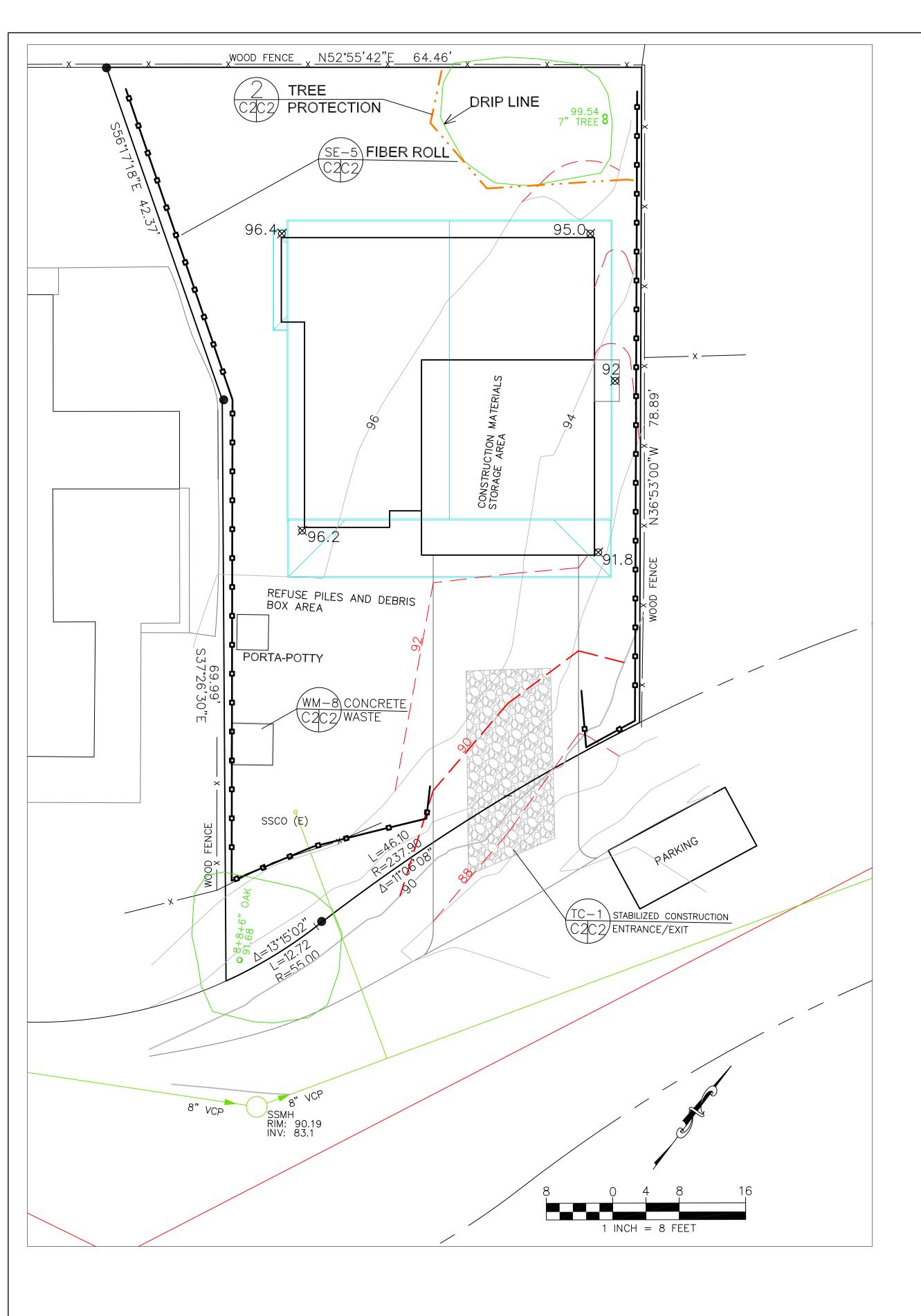




	Sigma Prime Geosciences, Ir	ON DEIME GEOSCIENCES	332 PRINCETON AVENUE HALF MOON BAY OA 94019	(650) 728-3590 FAX 728-3593	
DATE: 4-19-19	DRAWN BY: CMK	CHECKED BY: AZG	REV. DATE: 8-14-19	REV. DATE: 3-30-20	REV. DATE:
	Z		> .	. •	80



SHEET



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

NAME:____STANLEY PENG _ TITLE/QUALIFICATION:___OWNER PHONE: 408-242-7503 E-MAIL: GOTSUREALESTATE@GMAIL.COM

TREE PROTECTION FENCE: HIGH DENSITY - POLYEHTYLENE FENCING WITH 3.5" X 1.5" OPENINGS; COLOR ORANGE. STEEL POSTS INSTALLED AT 8' O.C. 2" X 6' STEEL POSTS OR APPROVED EQUAL - 5" THICK LAYER OF MULCH MAINTAIN EXISTING GRADE WITH THE TREE PROTECTION PROTECTION FENCE UNLESS OTHERWISE INDICATED ON THE PLANS. NO EQUIPMENT SHALL OPERATE INSIDE THE PROTECTIVE FENCING, TREE PROTECTION INCLUDING DURING FENCE INSTALLATION AND REMOVAL.

FIBER ROLLS

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.

SE-5

TYPICAL FIBER ROLL INSTALLATION

ENTRENCHMENT DETAIL N.T.S.

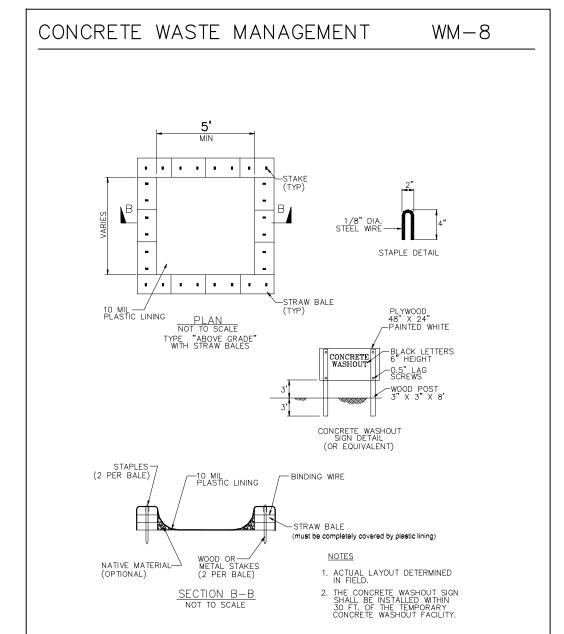
If more than one fiber roll is placed in a row, the rolls must be overlapped, not abutted. Turn the ends of the fiber roll up-slope to prevent runoff from going around the roll.

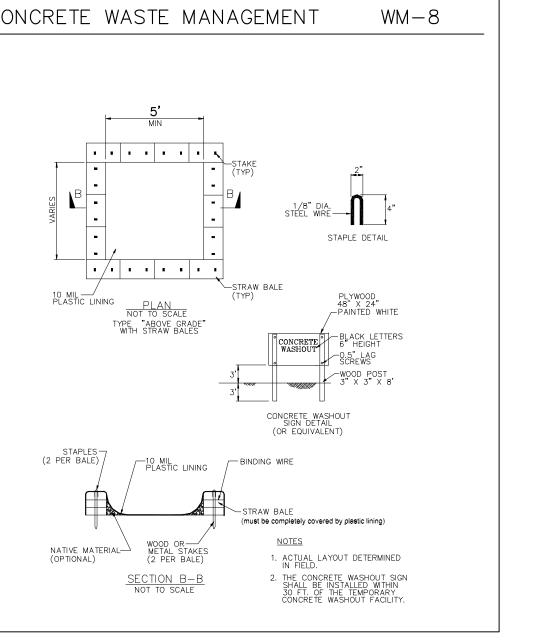
There will be no stockpiling of soil. All excavated soil will be hauled off-site as it is

- 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.

GENERAL EROSION AND SEDIMENT CONTROL NOTES

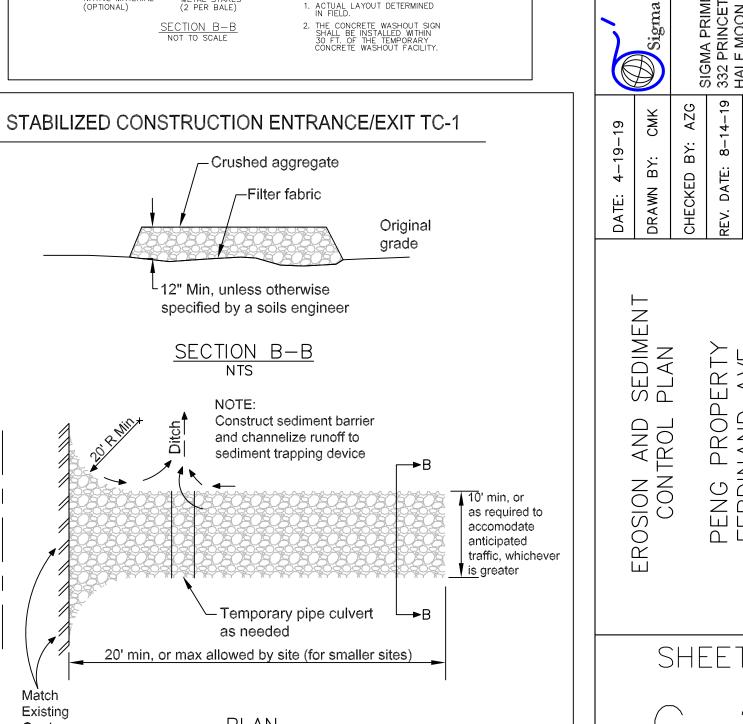
- Erosion control materials to be on-site during off-season.
- Measures to ensure adequate erosion and sediment control are required year-round. Stabilize all denuded areas and maintain erosion control measures continuously between October 1 and April 30.
- Store, handle, and dispose of construction 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.

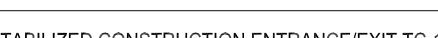


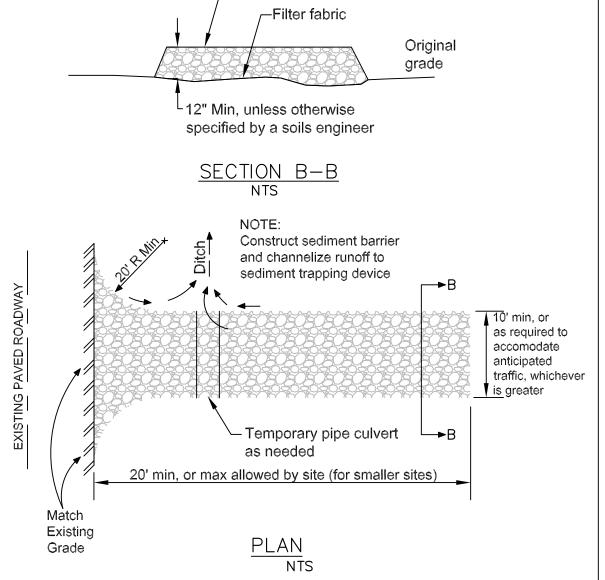


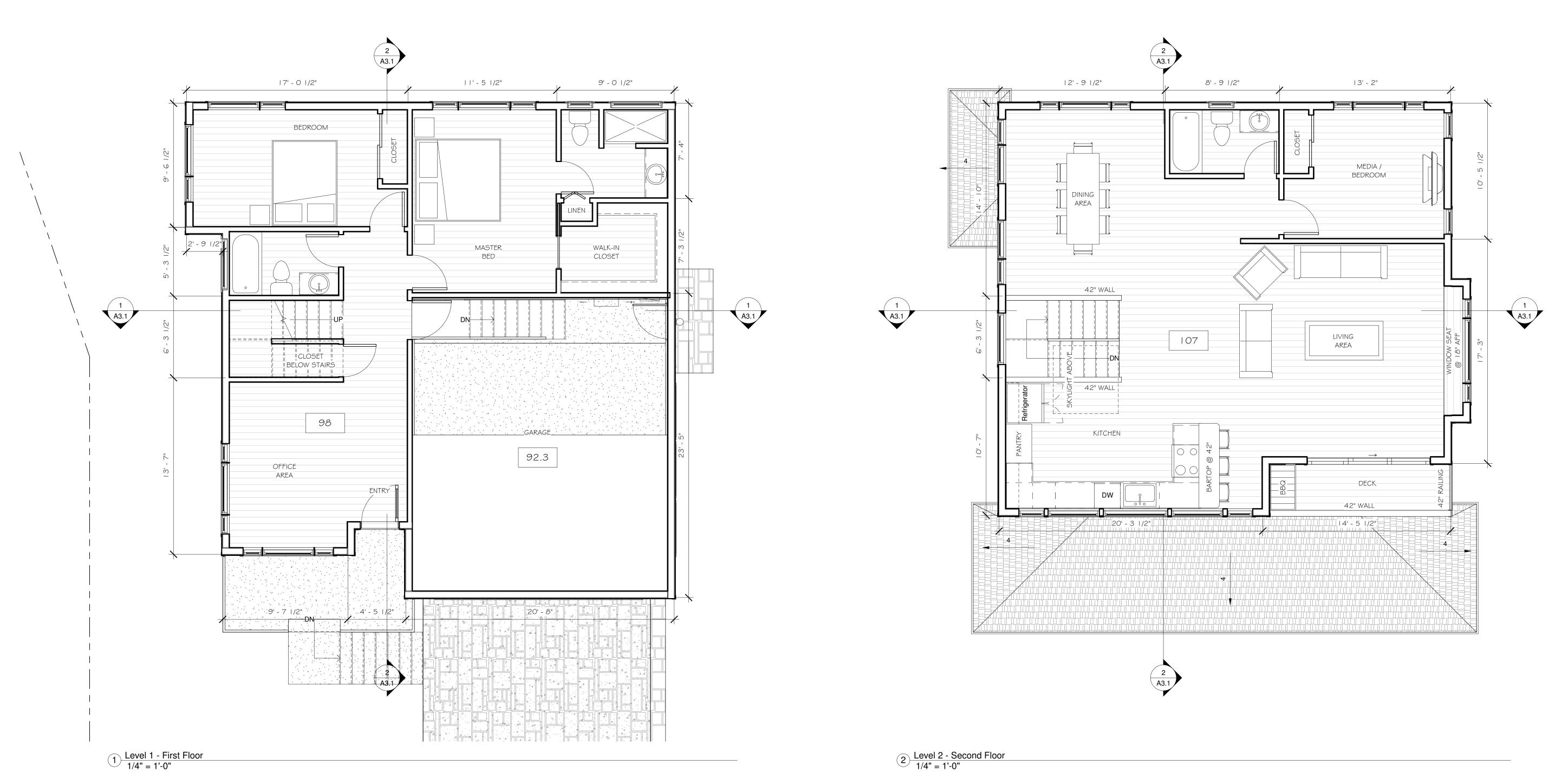
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PENG PROPERTY FERDINAND AVE. EL GRANADA APN 047-218-28(









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□ CHISED ARCHITECT

No. C23077

Ren. 1/31/19

DATE: | 2/| 3/| 9

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

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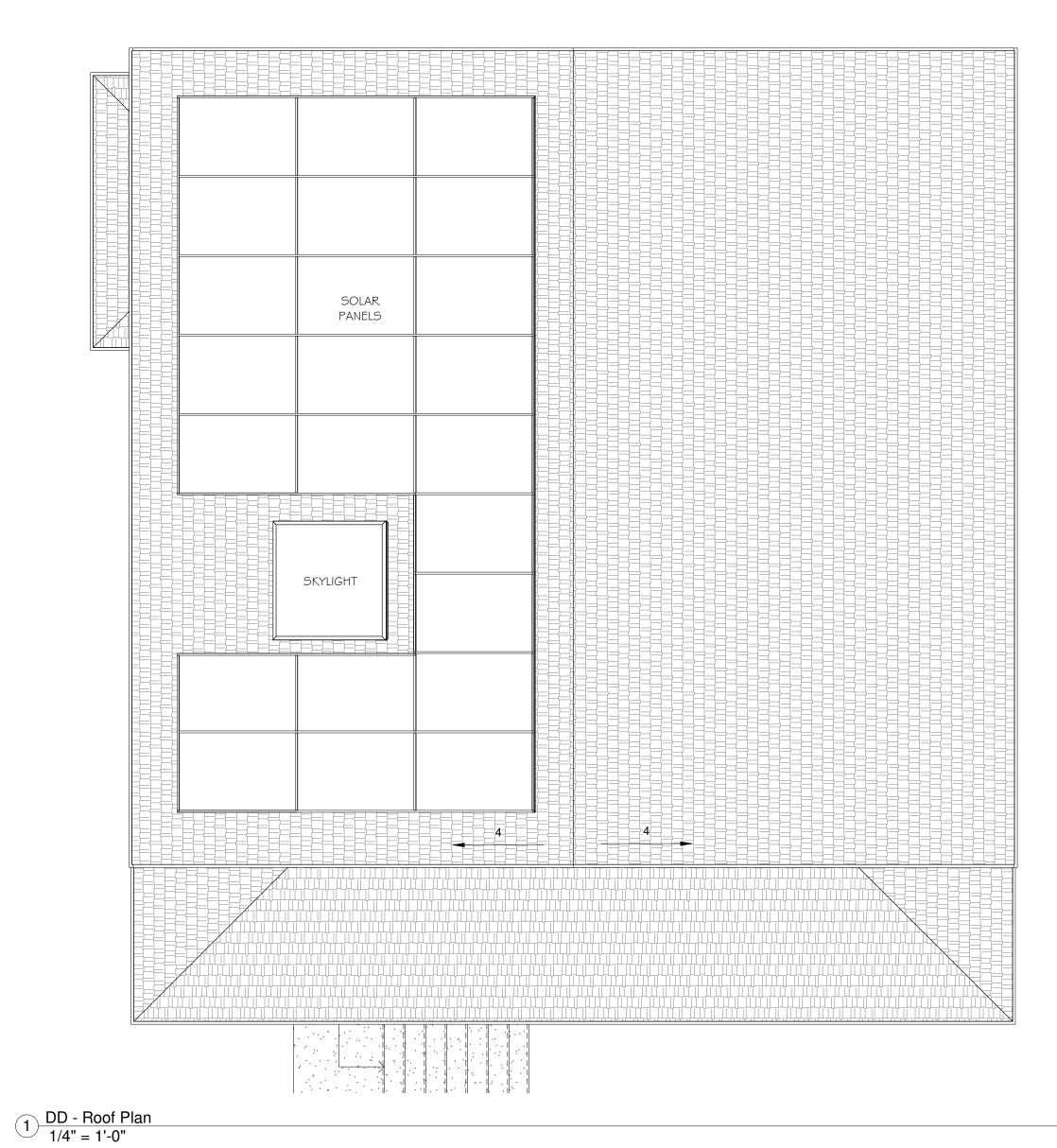
PENG

SHEETS

C. Love STREET

EDWARD C. LOVE, ARCHITECT

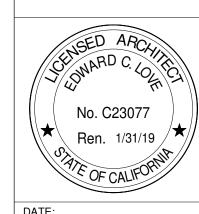
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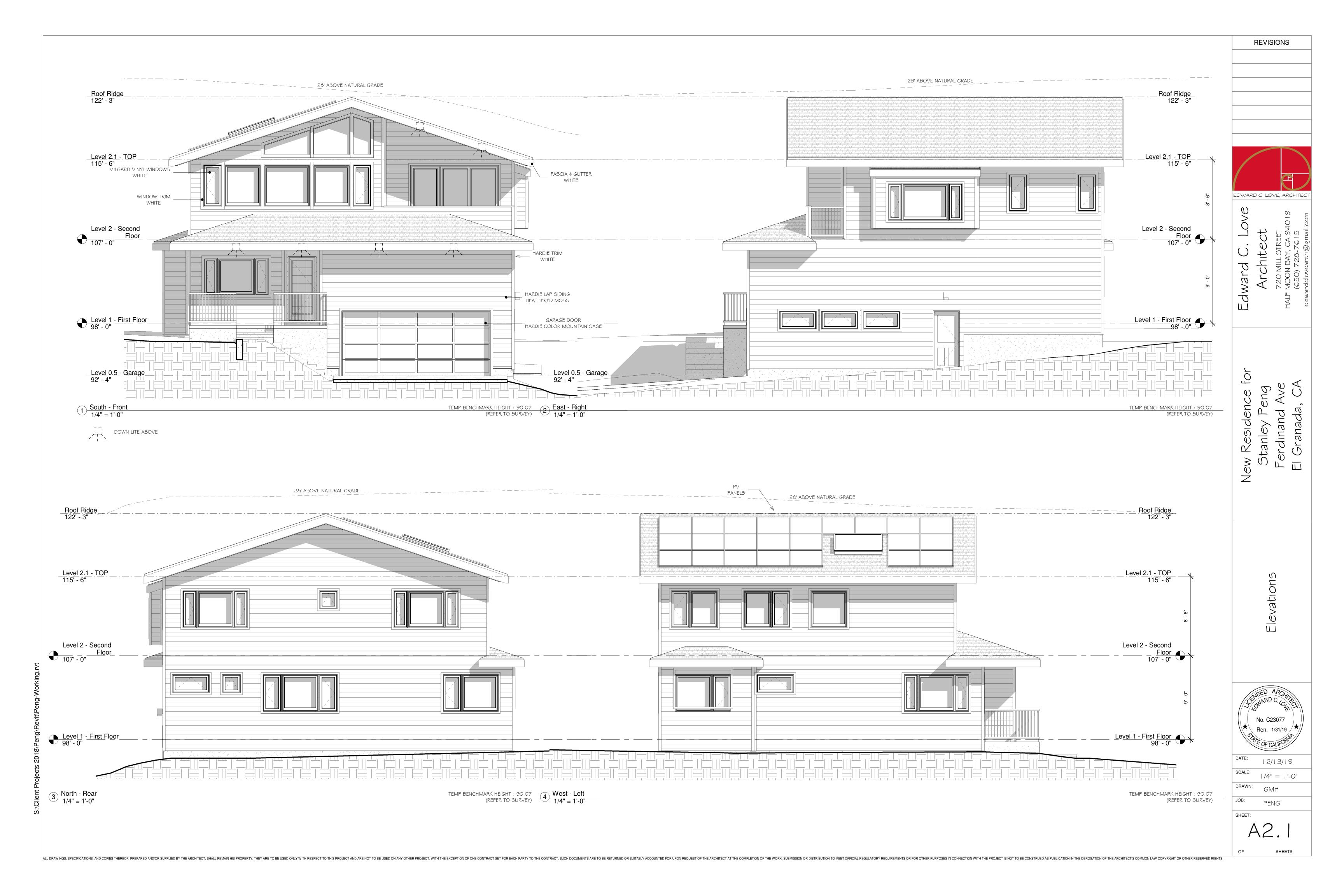
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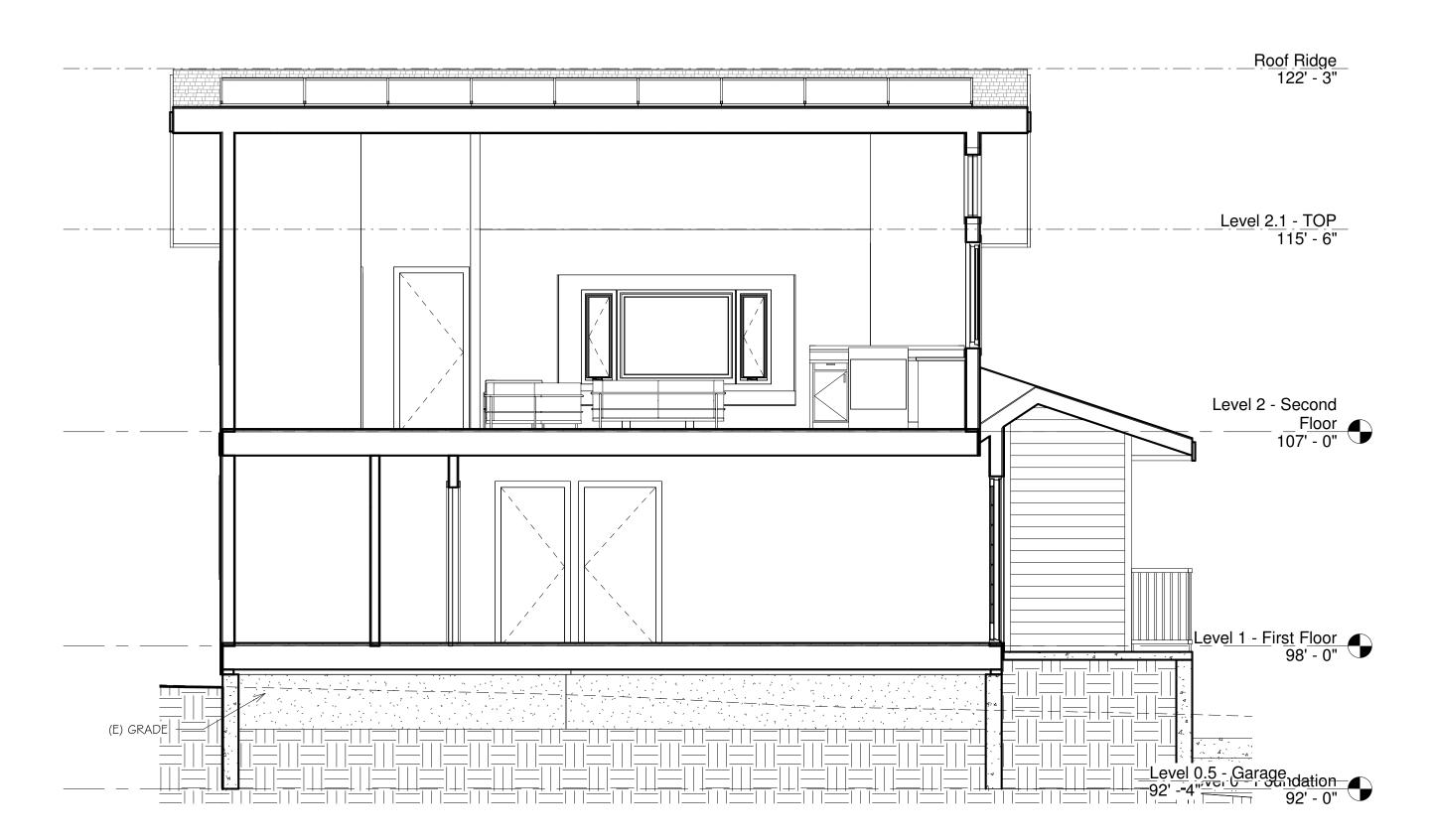
EDWARD C. LOVE, ARCHITECT



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SHEETS





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2 Section 2 1/4" = 1'-0"



This outdoor wall fixture features a transitional style that will flatter your home's style. The light is made to last and has

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 (in.) 5.25 7.75 Product Height (ın.) Product Length (in.)
Product Width (in.) 5.25 5.25

Details

Exterior Lighting Product Type: Fixture Color/Finish: Outdoor Lanterns Antique Bronze Fixture Material: Metal Glass/Lens Type: Clear Hardware Included Light Bulb Type Included: No Bulbs Included Maxımum Bulb Wattage: 100 Maxımum Wattage (watts): 100 Number of Bulbs Required: Outdoor Lighting Features: Dark Sky Power Type:

Product Weight (lb.): 3.1516 Recommended Light Bulb Shape Code: A19

Style: Transitional

Warranty / Certifications

Certifications and Listings: I-UL Listed,cUL Listed Manufacturer Warranty: l year

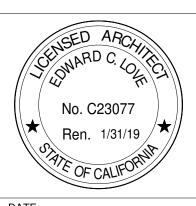
Hardwired

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

EDWARD C. LOVE, ARCHITECT

REVISIONS

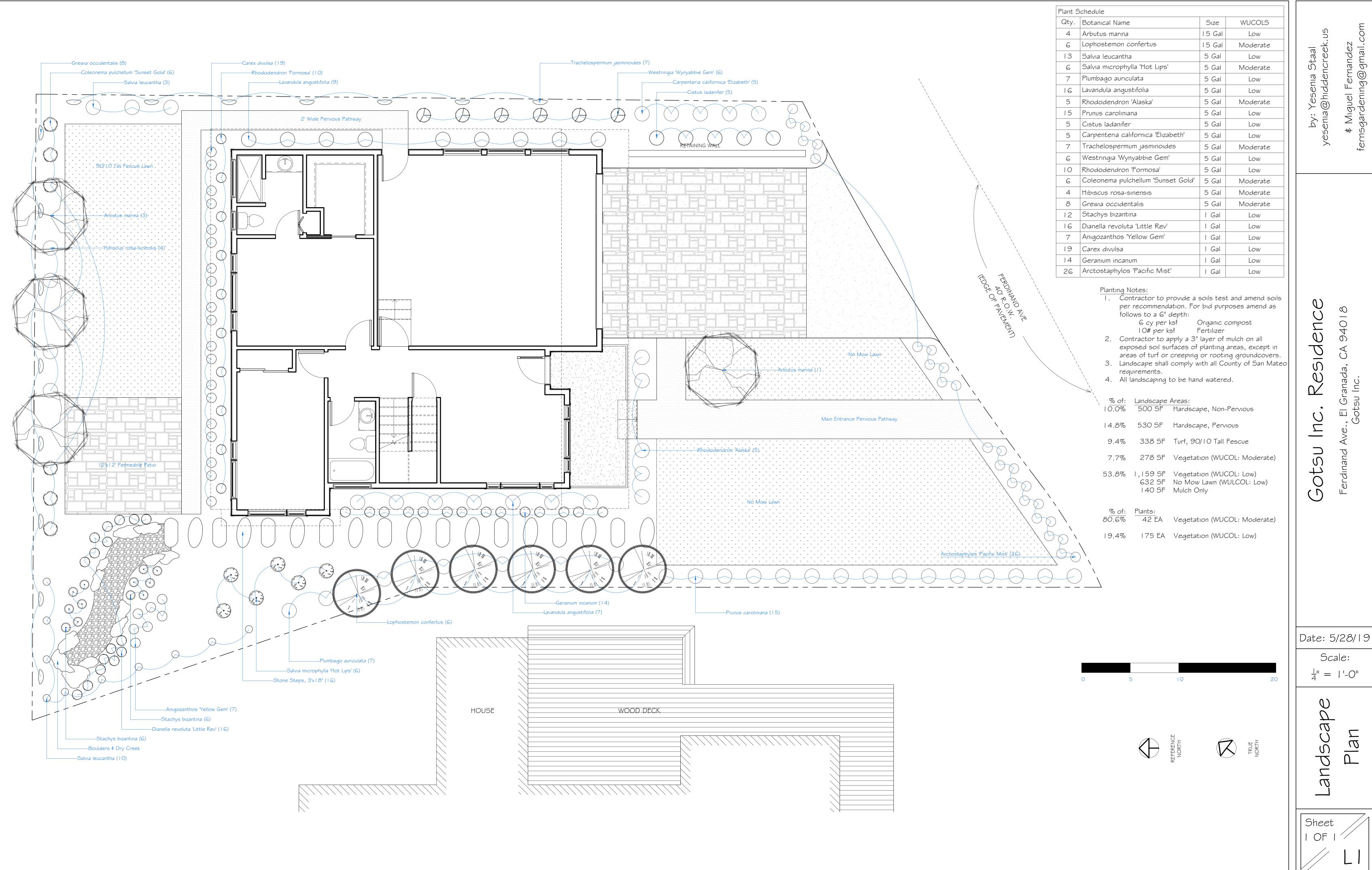
New Residence fa Stanley Peng Ferdinand Ave El Granada, CA



As indicated

DRAWN:

SHEETS



Date: 5/28/19

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