PROPERTY OWNER: ALAN WEBB 26347 THOUSAND OAKS BLVD., # 182 CALABASAS, CA 91302 v: 417-773-3564

PROJECT DESIGNER: VITUS MATARE VITUS MATARE'& ASSOCIATES, INC. P.O. BOX 1204 MALIBU, CA. 90265 v: 310-317-0700

CIVIL ENGINEER: JAMES TUCHSCHER TEG ENGINEERING 5218 E. SECOND STREET, SUITE. 539 LONG BEACH, CA. 90803 v: 562-682-8600 v: 310-613-9980

LAND PHASES, INC. 702 GREENBRIAR AVE SIMI VALLEY, CA. 93065 v: 805-657-0142

GEOTECHNICAL ENGINEER: RUBEN HARO CALWEST GEOTECHNICAL, INC. 889 PIERCE COURT, SUITE 101 THOUSAND OAKS, CA. 91360 v: 818-991-7148

SURVEYOR: HJ BURKE 830 S. DURANGO DRIVE LAS VEGAS, NV. 89145 v: 310-633-1213

OWTS SPECIALIST: KEVIN POFFENBARGER **EPD CONSULTANTS** 20722 S. MAIN STREET CARSON, CA. 90745 v: 310-241-6565

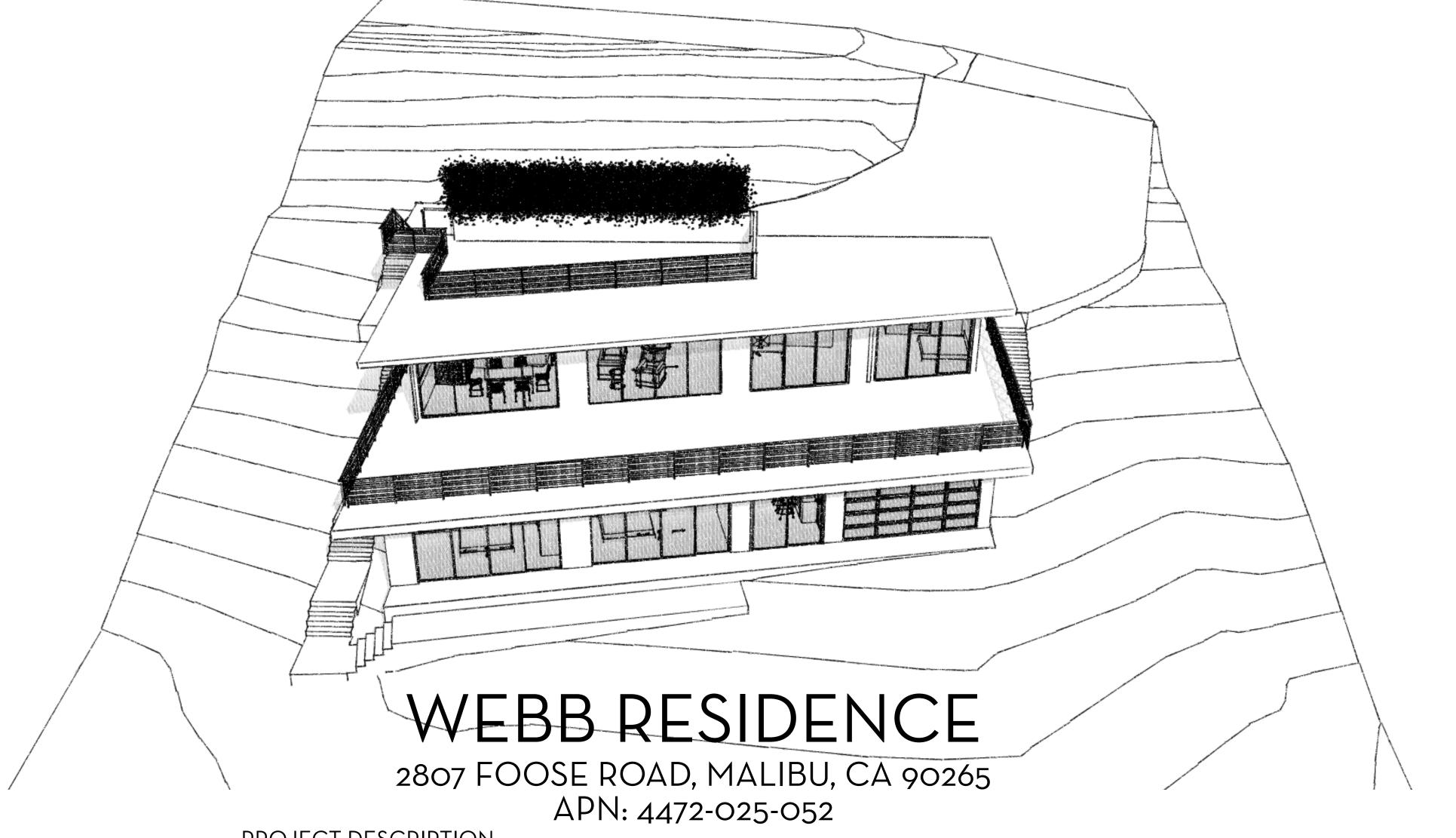
TITLE 24 ENERGY CALC.S: RICK ROCKLEWITZ NRG TITLE 24

P.O. BOX 3777

v: 707-237-6957

SANTA ROSA, CA. 95402

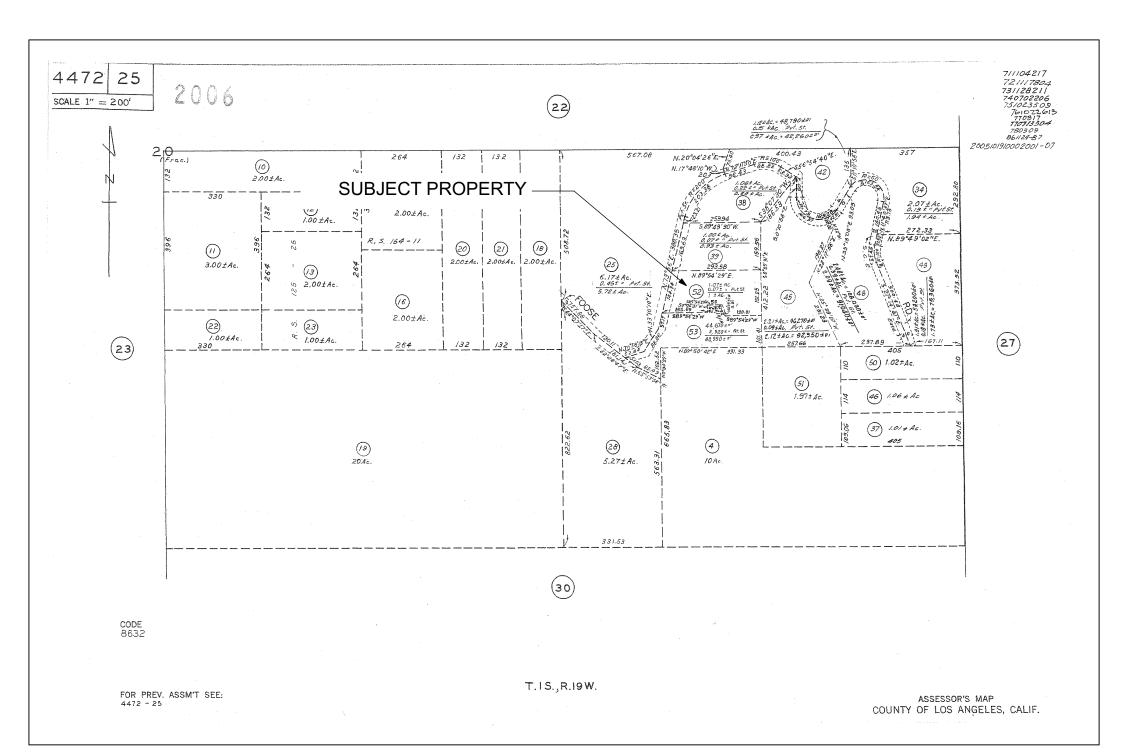
FIRE SUPPRESSION: KEVIN KIRK FIERCE FIRE PROTECTION 2551 GALENA AVE, #1207 SIMI VALLEY, CA. 93062 c: 805-583-5000



PROJECT DESCRIPTION:

Two story 2,618 SQ FT single family residence with attached 725 SQ FT 3 car garage and attached 425 SQ FT workshop. This site is previously cleared and graded and mapped as H3 habitat. The maximum building height will be less than 18 feet above either finish or existing grade. Total grading is 46 cubic yards. All proposed improvements including water well and septic system components shall maintain a minimum 200 foot setback from nearby blue line stream.

No protected trees need be removed nor will any tree's drip line be affected. No vehicle gates are existing or proposed.



PROJECT STATISTICS 2807 S. FOOSE ROAD, MALIBU CA. 90265 ASSESSORS PARCEL NUMBER: 4472-025-052 ZONING: RURAL RESIDENTIAL (RR2) - LEGAL NON-CONFORMING GROSS LOT AREA: 0.457 Ac. (19,888 SQ. FT.) NET LOT AREA: 0.425 Ac. (18,511 SQ.FT.) - GROSS AREA MINUS EASEMENTS MEDIAN LOT DEPTH: 172' - 10" FT. MEDIAN LOT WIDTH: 114 FT. MAX BUILDING HEIGHT: 17' - 10" FT. ABOVE FINISHED GRADE MAX FULL HEIGHT PROJECTION: 17' - 6" (SOUTH ELEVATION) TOTAL DEVELOPMENT FOOTPRINT: 8,712 SQ. FT. FIRST STORY HABITABLE: FIRST STORY WORKSHOP: 425 SQ. FT. SECOND STORY HABITABLE 1,675 SQ. FT. SECOND STORY GARAGE: 725 SQ. FT. TOTAL DEVELOPMENT SQUARE FOOTAGE: 3,768 SQ. FT. RESIDENCE (HABITABLE): 2,618 SQ. FT. GARAGE AND WORKSHOPS: 1,150 SQ. FT. PROPERTY LINE SETBACKS: FRONT YARD SETBACK: 47'-0' SIDE YARD SETBACKS: NORTH SIDEYARD: 38'-11" SOUTH SIDEYARD: 30'-0" REAR YARD SETBACK: 164'-0" TOTAL PROPOSED IMPERMEABLE COVERAGE PROPOSED COVERAGE BY STRUCTURE: 4,444 SQ. FT. PROPOSED COVERAGE BY PATIO WALKWAY: 518 SQ. FT. PROPOSED COVERAGE BY DRIVEWAY: _ TOTAL IMPERMEABLE COVERAGE: GRADING EARTHWORK QUANTITIES: CUT: 28 CU. YRDS. FILL: 18 CU. YRDS. EXPORT: 10 CU. YRDS. TOTAL GRADING: 46 CU. YARDS AUTOMATIC FIRE SPRINKLERS ARE REQUIRED THROUGHOUT HOME AND



WEBB- FOOSE ROAD VICINITY MAP

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MATARÉ D. BOX 1204, MALI jirfo@

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PLAN SET INDEX

COVER SHEET

SITE SURVEY

ROOF PLAN

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RESIDENTIAL NOTES

CIVIL COVER SHEET **EXISTING SITE PLAN**

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EROSION CONTROL PLAN

GRADING PLAN

DRAINAGE PLAN

ACCESS ROAD SECTIONS WATER STORAGE DETAILS

GREEN BLDG CODE REQ.

FIRST FLOOR PLAN VIEW SECOND FLOOR PLAN

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WEST ELEVATION & SECTION

NORTH ELEVATION & SECTION **EAST ELEVATION & SECTION**

SOUTH ELEVATION & SECTION ARCHITECTURAL RENDERINGS

SITE PLAN

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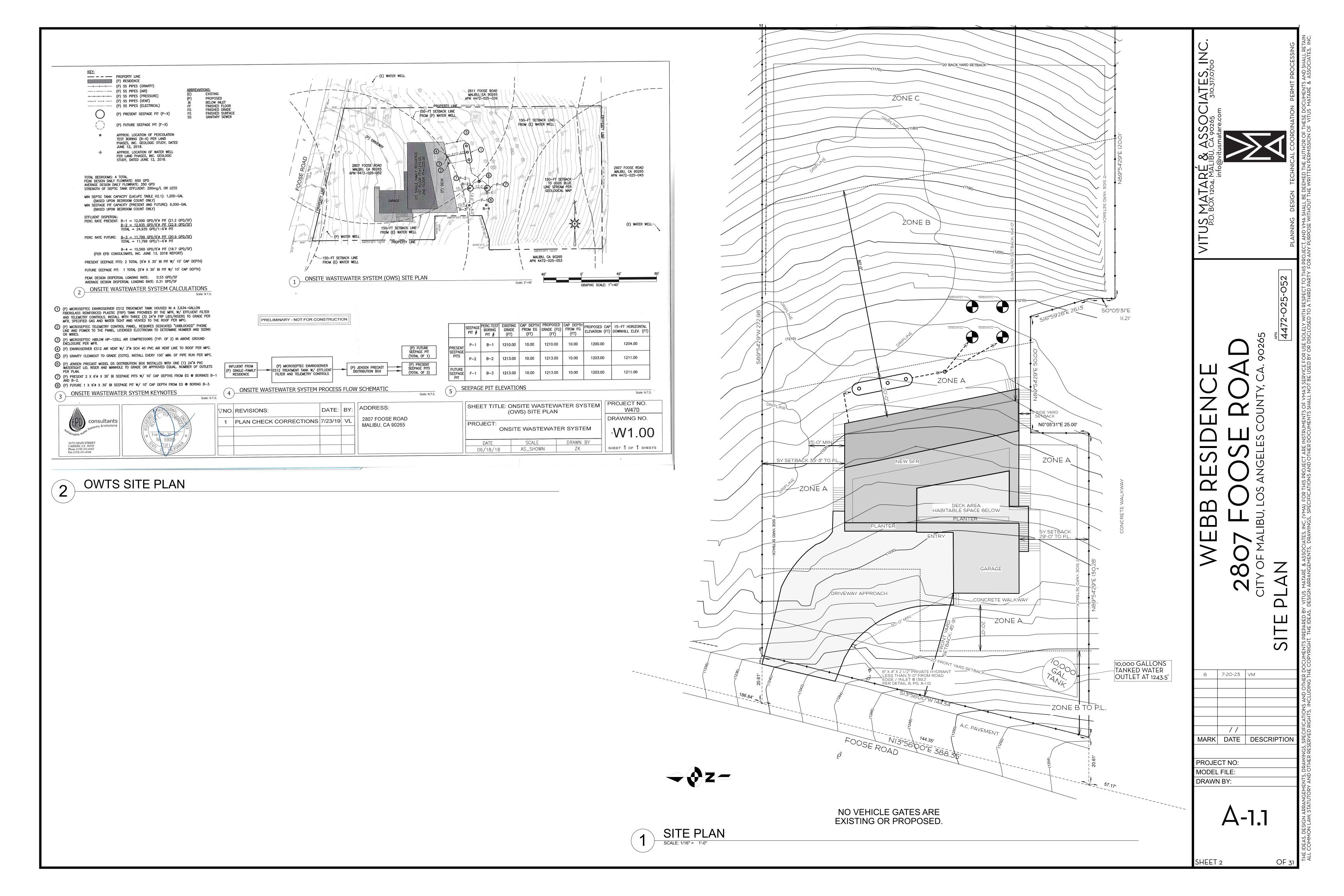
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SHEET 1

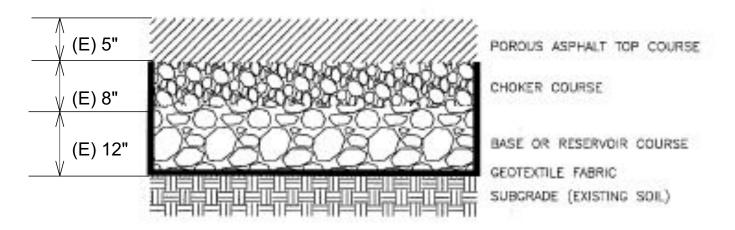
NOT TO SCALE

WEBB: LA COUNTY ASSESSORS MAP



FIRE DEPARTMENT ACCESS PLAN

NO VEHICLE GATES ARE EXISTING OR PROPOSED.



FOOSE ROAD CROSS-SECTION FIRE PREVENTION BUREAU NOTES

- FIRE APPARATUS ACCESS ROADS MUST BE INSTALLED AND MAINTAINED IN A SERVICEABLE MANNER PRIOR TO AND DURING THE TIME OF CONSTRUCTION. FIRE CODE 501.4
- ALL FIRE LANES SHALL BE CLEAR OF ALL ENCROACHMENTS, AND SHALL BE MAINTAINED IN ACCORDANCE WITH THE TITLE 32, COUNTY OF LOS ANGELES FIRE CODE.
- ALL ON SITE FIRE APPARATUS ACCESS ROADS SHALL BE LABELED AS "PRIVATE DRIVEWAY AND FIRE LANE" ON THE SITE PLAN ALONG WITH THE WIDTHS CLEARLY DEPICTED ON THE PLAN. LABELING IS NECESSARY TO ASSURE THE ACCESS AVAILABILITY FOR FIRE DEPARTMENT USE. THE DESIGNATION ALLOWS FOR APPROPRIATE SIGNAGE PROHIBITING PARKING.
- THE FIRE APPARATUS ACCESS ROADS AND DESIGNATED FIRE LANES ARE MEASURED FROM FLOW LINE TO FLOW LINE.

PROVIDE A MINIMUM UNOBSTRUCTED WIDTH OF 20 FEET, EXCLUSIVE OF SHOULDERS AND AN UNOBSTRUCTED VERTICAL CLEARANCE "CLEAR TO THE SKY" FIRE APPARATUS ACCESS ROADS TO WITHIN 150 FEET OF ALL PORTIONS OF THE EXTERIOR WALLS OF THE FIRST STORY OF THE BUILDING, AS MEASURED BY AN APPROVED ROUTE AROUND THE EXTERIOR OF THE BUILDING. FIRE CODE 503.1.1 & 503.2.1

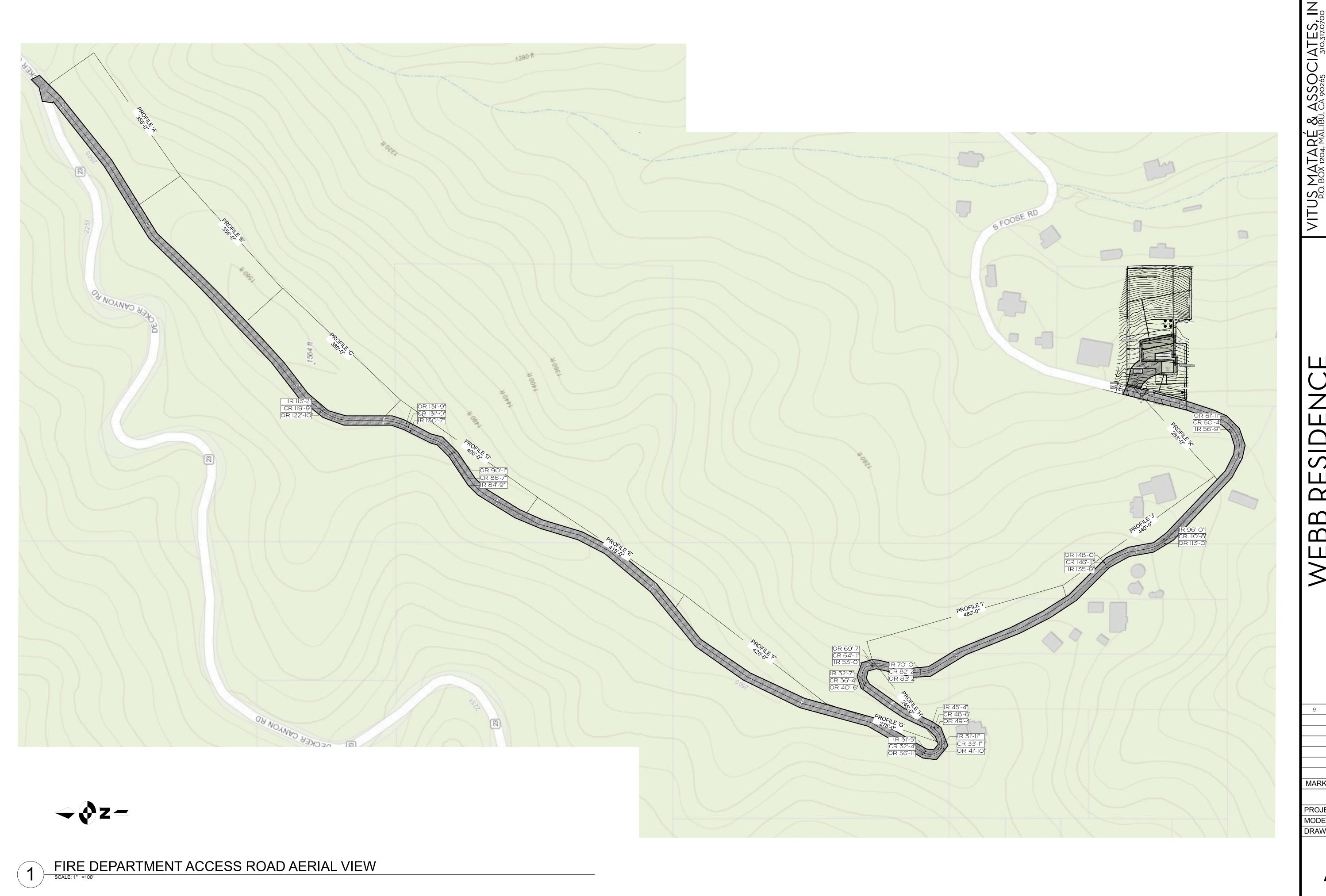
- EXCEPTION: A MINIMUM VERTICAL CLEARANCE OF 13 FEET 6 INCHES MAY BE ALLOWED FOR PROTECTED TREE SPECIES ADJACENT TO ACCESS ROADS.
- THE DIMENSIONS OF THE APPROVED FIRE APPARATUS ACCESS ROADS SHALL BE MAINTAINED AS ORIGINALLY APPROVED BY THE FIRE CODE OFFICIAL. FIRE CODE 503.2.2.1
- DEAD-END FIRE APPARATUS ACCESS ROADS IN EXCESS OF 150 FEET IN LENGTH SHALL BE PROVIDED WITH AN APPROVED FIRE DEPARTMENT TURNAROUND. FIRE CODE 503.2.5
- FIRE APPARATUS ACCESS ROADS SHALL BE PROVIDED WITH A 32 FOOT CENTERLINE TURNNG RADIUS. FIRE CODE 503.2.4
- FIRE APPARATUS ACCESS ROADS SHALL DESIGNED AND MAINTAINED TO SUPPORT THE IMPOSED LOAD OF FIRE APPARATUS WEIGHING 75,000 POUNDS, AND SHALL BE SURFACED SO AS TO PROVIDE ALL-WEATHER DRIVING CAPABILITIES. FIRE APPARATUS ACCESS ROADS HAVING A GRADE OF 10 PERCENT OF GREATER SHALL HAVE A PAVED OR CONCRETE SURFACE. FIRE CODE 503.2.3
- THE GRADIENT OF THE FIRE APPARATUS ACCESS ROADS SHALL NOT EXCEED 15 PERCENT UNLESS APPROVED BY THE FIRE CODE OFFICIAL. FIRE CODE 503.2.7
- PROVIDE APPROVED SIGNS OR OTHER APPROVED NOTICES OF MARKINGS THAT INCLUDE THE WORDS "NO PARKING FIRE LANE". SIGNS SHALL HAVE A MINIMUM DIMENSION OF 12 INCHES WIDE BY 18 INCHES HIGH AND HAVE RED LETTERS ON A WHITE REFLECTIVE BACKGROUND. SIGNS SHALL BE PROVIDED FOR THE FIRE APPARATUS ACCESS ROADS, TO CLEARLY INDICATE THE ENTRANCE TO SUCH ROAD, OR PROHIBIT THE OBSTRUCTION THEREOF AND AT INTERVALS, AS REQUIRED BY THE FIRE INSPECTOR. FIRE CODE 503.3
- A MINIMUM 5 FOOT WIDE APPROVED FIREFIGHTER ACCESS WALKWAY LEADING FROM THE FIRE DEPARTMENT ACCESS ROAD TO ALL REQUIRED OPENINGS IN THE BUILDING'S EXTERIOR WALLS SHALL BE PROVIDED FOR FIREFIGHTING AND RESCUE PURPOSES. FIRE CODE 504.I
- 13. FIRE APPARATUS ACCESS ROADS SHALL NOT BE OBSTRUCTED IN ANY MANNER, INCLUDING BY THE PARKING OF VEHICLES, OR THE USE OF TRAFFIC CALMING SEVICES, INCLUDING BUT NOT LIMITED TO, SPEED BUMPS OR SPEED HUMPS. THE MINIMUM WIDTHS AND CLEARANCES ESTABLISHED IN SECTION 503.2.I SHALL BE MAINTAINED AT ALL TIMES. FIRE CODE 503.4
- TRAFFIC CALMING DEVICES, INCLUDING BUT NOT LIMTED TO, SPEED BUMPS AND SPEED HUMPS, SHALL BE PROHIBITED UNLESS APPROVED BY THE FIRE CODE OFFICIAL. FIRE CODE 503.4.1
- 15. APPROVED BUILDING ADDRESS NUMBERS, BUILDING NUMBERS OR APPROVED BUILDING IDENTIFICATION SHALL BE PROVIDED AND MAINTAINED SO AS TO BE PLAINLY VISIBLE AND LEGIBLE FROM THE STREET FRONTING THE PROPERTY. THE NUMBERS SHALL CONTRAST WITH THEIR BACKGROUND. BE ARABIC NUMERALS OR ALPHABET LETTERS. AND BE A MINIMUM OF 4 INCHES HIGH WITH A MINIMUM STROKE WIDTH OF 0.5 INCH. FIRE CODE 505.1
- I6. IF ELECTRONIC SECURITY GATES ARE PROVIDED, MAINTAIN A MINIMUM ACCESS WIDTH OF 20 FEET. THE SECURITY GATE SHALL BE PROVIDED WITH AN APPROVED MEANS OF EMERGENCY OPERATION, AND SHALL BE MAINTAINED OPERATIONAL AT ALL TIMES AND REPLACED OR REPAIRED WHEN DEFECTIVE. ELECTRIC GATE OPERATORS, WHERE PROVIDED, SHALL BE LISTED IN ACCORDANCE WITH THE UL 325. GATES INTENDED FOR AUTOMATIC OPERATION SHALL BE DESIGNED, CONSTRUCTED AND INSTALLED TO COMPLY WITH THE REQUIREMENTS OF ASTM F220. GATES SHALL BE OF A SWINGING OR SLIDING TYPE. CONSTRUCTION OF GATES SHALL BE OF MATERIALS THAT ALLOW MANUAL OPERATION BY ONE PERSON. FIRE CODE 503.6.
- 17 AN APPROVED KEY BOX, LISTED IN ACCORDANCE WITH UL 1037 SHALL BE PROVIDED AS REQUIRED BY FIRE CODE 506. THE LOCATION OF EACH KEY BOX SHALL BE DETERMINED BY THE FIRE INSPECTOR.
- 18. PROVIDE AN APPROVED AUTOMATIC FIRE SPRINKLER SYSTEM AS SET FORTH BY BUILDING CODE903 AND FIRE CODE 903. PLANS SHALL BE SUBMITTED TO THE SPRINKLER PLAN CHECK UNIT FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION. REASON: (VHFHSZ) REQUIREMENT
- TYPE OF FIRE SPRINKLER SYSTEM: 903.3.I.I, 903.3.I.2, 903.3.I.3
- 19. THE DRAFT HYDRANT SUPPLIED BY WATER STORAGE TANK(S) SHALL BE AN ANGLE TYPE WHARF HYDRANT WITH A 4-INCH NPT INLET, AND A 2 1/2 INCH MALE NST HOSE THREAD OUTLET. THE HYDRANT SHALL MEET AWWA C-503 REQUIREMENTS, OR AN APPROVED EQUAL WITHOUT HAND WHEEL. A PLASTIC CAP SHALL BE PROVIDED TO POROTECT THE THREADS. LACOFD REGULATION #26
- 20. THE 2 I/2" DRAFT HYDRANT OUTLET SHALL BE LOCATED I4 TO 24 INCHES ABOVE FINISHED GRADE, AS MEASURED FROM THE MIDDLE OF THE OUTLET. LACOFD REGULATION #26
- THE HYDRANT SHALL BE PAINTED WITH TWO COATS OF RED PRIMER AND ONE COAT OF FIRE ENGINE RED PAINT, WITH THE EXCEPTION OF THREADS AND STEM. LACOFD REGULATION #26
- 22. PLANS SHOWING UNDERGROUND PIPING FOR PRIVATE ON-SITE FIRE HYDRANTS SHALL BE SUBMITTED TO THE SPRINKLER PLAN CHECK UNIT FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION. FIRE CODE 901.2, COUNTY OF LOS ANGELES FIRE DEPARTMENT REGULATION 7.
- 23. PARCELS THAT ARE LOCATED OUTSIDE THE SERVICE BOUNDARY, ABOVE THE EXISTING PRESSURE ZONE, OR MORE THAN 2,000 LINEAR FEET FROM A EXITING WATER MAIN OF A WATER PURVEYOR MAY PROVIDE AN ON-SITE WATER SUPPLY, WHEN APPROVED BY THE FIRE CODE OFFICIAL IN ACCORDANCE WITH NFPA II42 OR NFPA I3. FIRE CODE BIO3.3.
- 24. PARCELS THAT ARE LOCATED OUTSIDE THE SERVICE BOUNDARY, ABOVE THE EXISTING PRESSURE ZONE, OR MORE THAN 2,000 LINEAR FEET FROM A EXITING WATER MAIN OF A WATER PURVEYOR MAY PROVIDE AN ON-SITE WATER SUPPLY, WHEN APPROVED BY THE FIRE CODE OFFICIAL IN ACCORDANCE WITH TANK SIZES IN TABLE BIO3.3. FIRE CODE BIO3.3.
- 25. PROVIDE AN APPROVED NFPA I3D INTERIOR AUTOMATIC FIRE SPRINKLER SYSTEM THROUGHOUT THE RESIDENCE AND IN ALL CONCEALED SPACES IN ACCORDANCE WITH NFPA I3 WITH A MAXIMUM FOUR HEAD HYDRAULIC CALCULATION.
- A. A SINGLE 2." MALE NATIONAL STANDARD THREAD OUTLET SHALL BE PROVIDED WHENEVER A TANK IS INSTALLED. B. THE HYDRANT OUTLET SHALL HAVE UNOBSTRUCTED ACCESS FROM THE PUBLIC ROAD, BE WITHIN FIVE FEET OF THE ACCESS ROADWAY ON THE APPROACH SIDE OF THE STRUCTURE AND UNOBSTRUCTED WITHIN 15 FEET ON EACH SIDE OF THE OUTLET.
- C. THE HYDRANT OUTLET SHALL BE BETWEEN 50 AND 150 FEET FROM THE CLOSEST POINT OF THE STRUCTURE MEASURED VIA VEHICULAR ACCESS.

 D. THE HYDRANT OUTLET SHALL BE GRAVITY FED. THIS OUTLET SHALL BE A MINIMUM OF ONE-FOOT BELOW THE GRADE LEVEL OF THE TANK FOR EACH 100 FEET OF SUPPLY PIPE. THIS SUPPLY PIPE MUST HAVE A CONTINUOUS DOWNWARD GRAVITY FEED. E. THE HYDRANT OUTLET SHALL BE LOCATED 14 TO 24 INCHES ABOVE FINISHED GRADE AS MEASURED FROM THE MIDDLE OF THE OUTLET.
- F. A THREE-FOOT SQUARE BY ONE-FOOT THICK HORIZONTAL CONCRETE PAD SHALL BE PROVIDED AT GRADE AROUND THE HYDRANT TO PROVIDE STABILITY TO THE HYDRANT DURING

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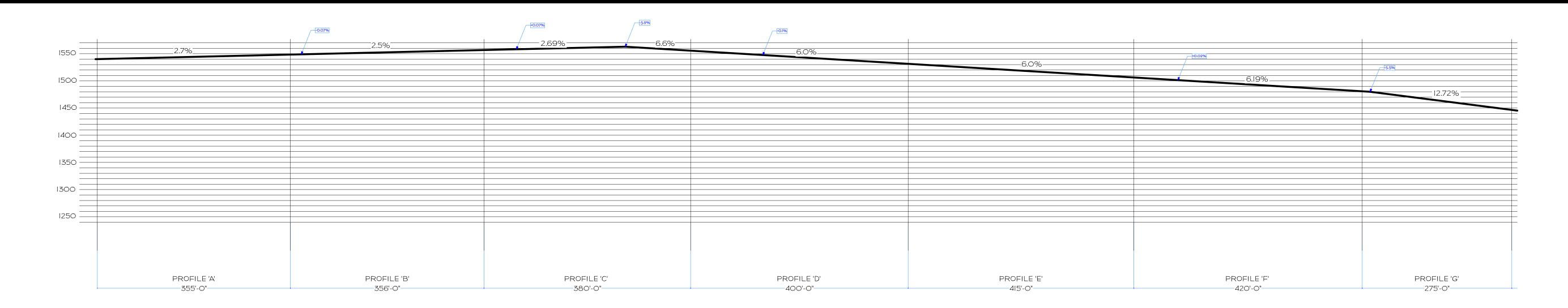
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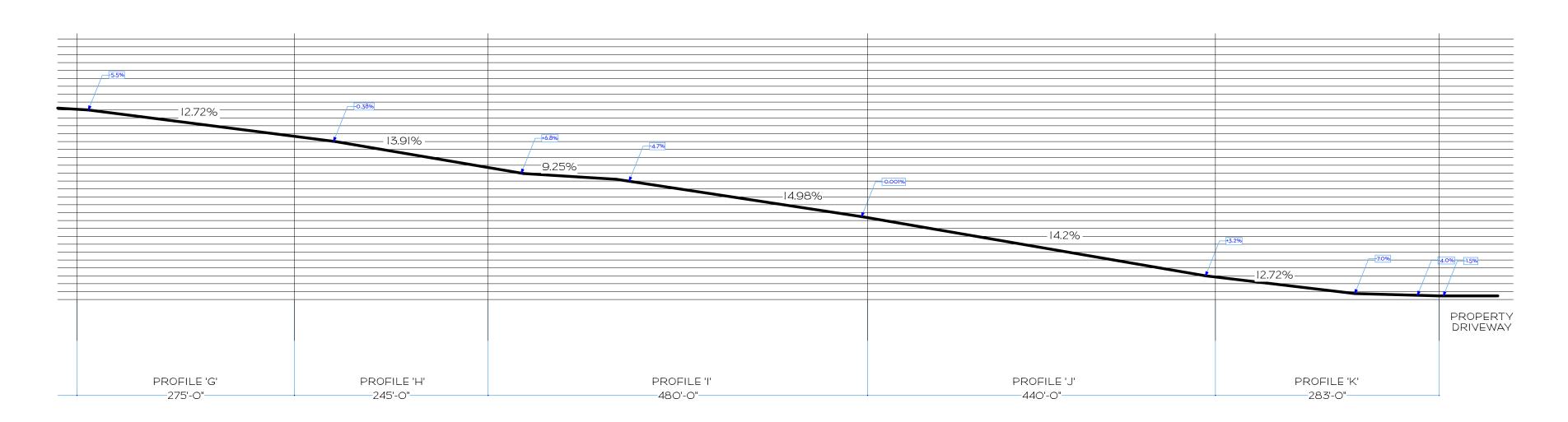
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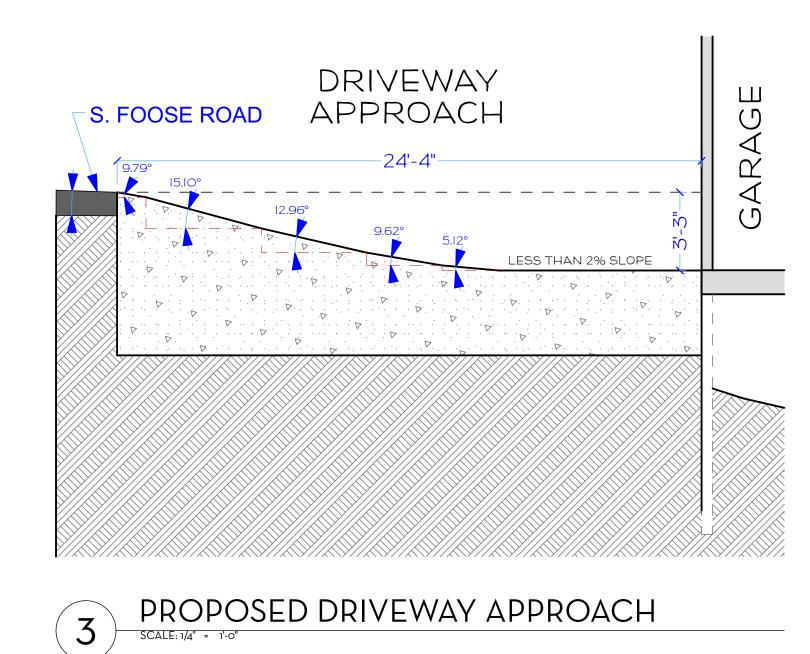
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(E) FOOSE ROAD CROSS SECTION PROFILE 'A' THRU 'G'



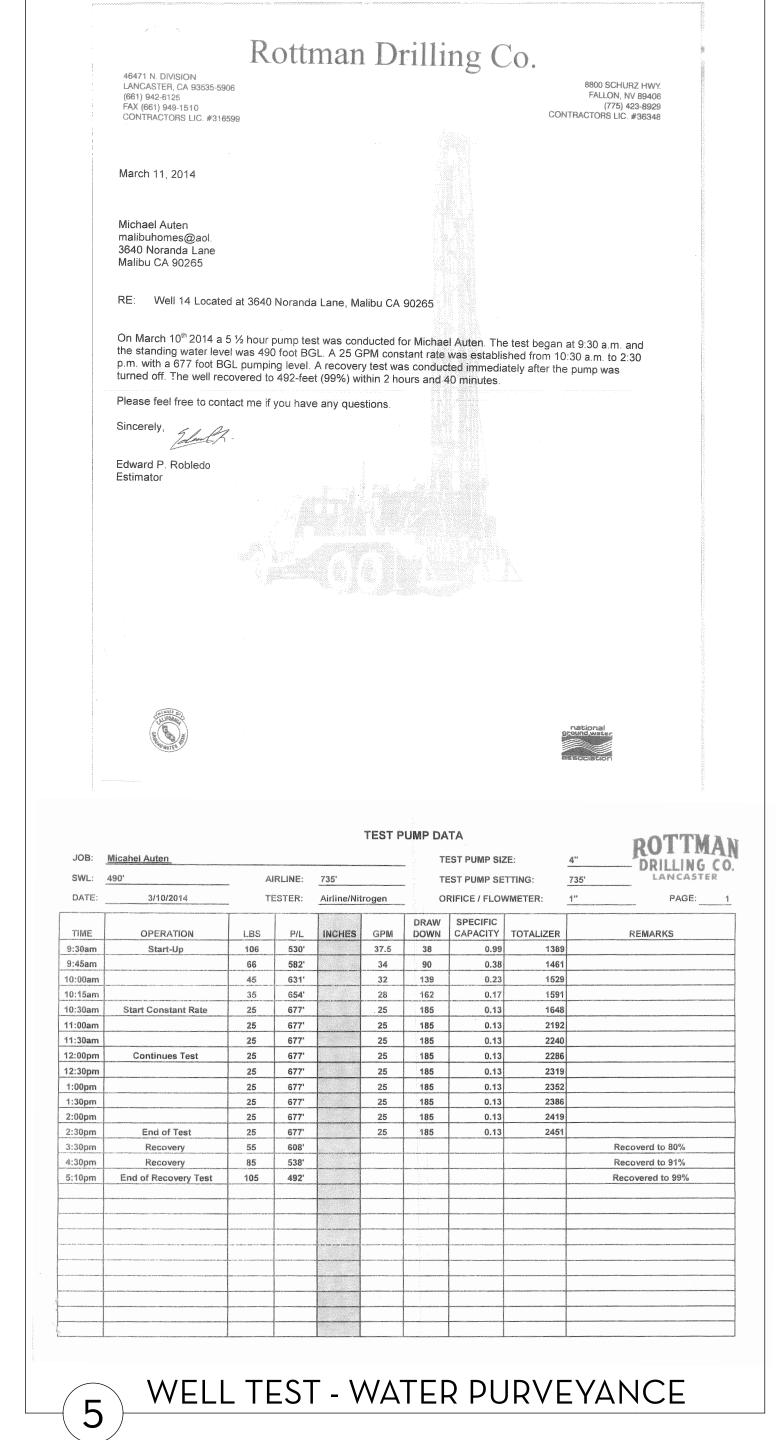
(E) FOOSE ROAD CROSS SECTION PROFILE 'G' to PROPERTY DRIVEWAY



	<u>'''''''''''''''''''''''''''''''''''''</u>	
√ (E) 5"		POROUS ASPHALT TOP COURSE
(E) 8"		CHOKER COURSE
(E) 12"		BASE OR RESERVOIR COURSE GEOTEXTILE FABRIC
•		SUBGRADE (EXISTING SOIL)

ROADWAY CROSS-SECTION

Fire apparatus access roads shall be designed and maintained to support the imposed load of fire apparatus weighing 60,000 pounds and shall be surfaced so as to provide all-weather driving capabilities. Fire apparatus access roads having a grade of 10 percent or greater shall have a paved or concrete surface. Fire Code 503.2.3



VITUS MATARÉ P.O. BOX 1204, MAI

8 7-20-23 VM // MARK DATE DESCRIPTION

PROJECT NO: MODEL FILE: DRAWN BY:

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10000 Gallon Water Storage Tank

10000 Gallon Water Storage Tank - Poly-Mart manufactures a rotationally molded 10000 Gallon Water Storage Tank made from the high quality FDA-approved High-Density Polyethylene (HDPE). Our tanks are manufactured to the ASTM-1998 standard and ship from Madera, California. Poly-Mart 10000 Gallon Plastic Water Tanks are manufactured with BPA-Free, NSF-61 Approved, KOSHER dietary compliant, premium polyethylene that has built-in UV inhibitors to avoid color fading and break down from harsh sunlight. This 140" Diameter x 160" High Plastic Water Tank has a total capacity of 10000 Gallons when completely full and can be ordered in 13 different colors!

Black and Dark Green are the most popular Plastic Water Storage Tank colors, therefore we take our Dark Green and Black material through an extra process called "Compounding". The Compounding process adds pigment at a high enough and even enough concentration to completely block UV Rays. Although it costs us more to take our material through this process, we know it makes for a better performing product and is a big part of what makes up the "Poly-Mart Difference". Unlike any Water Storage Tank sold at a Big Box Retailer, our tanks are pitch dark inside which prevents waterborne algae from growing inside your tank, minimizing on-going tank maintenance. However, since Dark Gray and Dark Brown are naturally dark colors, these colors do a great job at limiting UV light penetration and will perform just as well as any Dark Green or Black Tank sold at a Big Box Retailer.

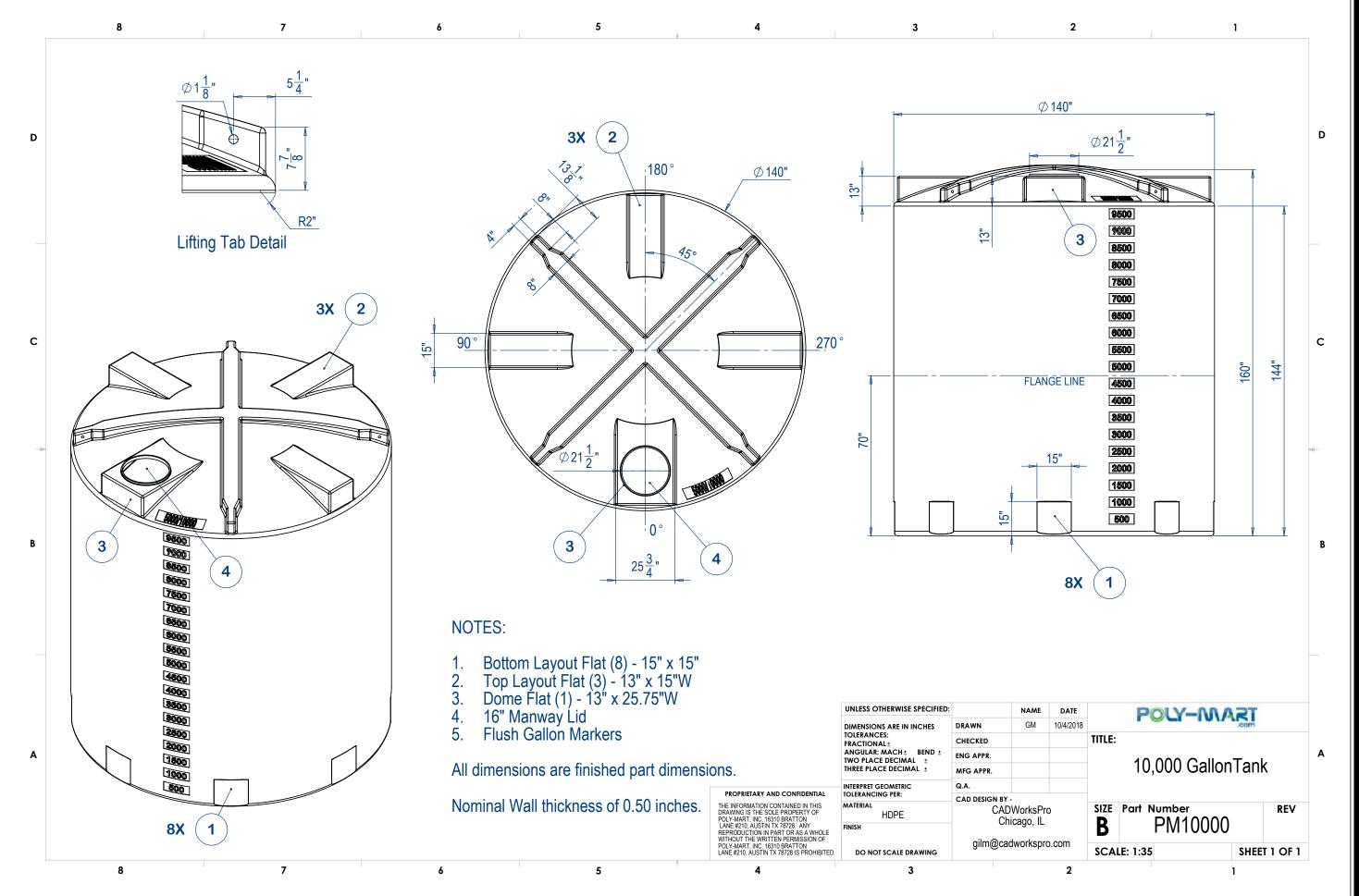
Like all of our Vertical Tanks, the Poly-Mart 10000 Gallon Water Storage Tank is designed with 4 large Dome Flats on the top of the tank and just like our 5000 Gallon Tank, this tank has four lifting lugs on the dome. At the base of the tank, the Poly-Mart 10000 Gallon Water Storage Tank has 8 Layout Flats. These 12 flat surfaces are great for the installation of additional outlet/inlet fittings, Tank Over Flow Fittings and other Tank Components like Float Switches and Tank Gauges. All twelve flat spots are large enough to fit up to a 4" Bulkhead Fitting. Your Installer or Contractor will love having flexibility when your application calls for installing additional fittings. The Poly-Mart 10000 Gallon Water Storage Tank can be ordered to your specification. Please consult with your distributor on orders requiring custom fitting placement and use our technical drawing (link below) to communicate exactly where and what fitting size you would like on your custom orders. Additional fees and charges apply for custom assembly.

> *All Tanks of all colors are BPA-Free and manufactured with resin that complies with U.S. Food and Drug Administration regulation 21CFR 177.1520 (1) 3.1 and 3.2 for storage of

10000 Gallon Water Storage Tank by Poly-Mart Features:

NSF-61 Approved Resin FDA-Approved, BPA-Free Resin, Kosher Compliant **5 Year Warranty** 140"D x 160"H 22" Man Way Lid w/ Air Vent 1.5" Top Bulkhead 2" Heavy Duty Bottom Bulkhead w/ Plug 4 Dome Flats & 8 Layout Flats at the Bottom





PIPING DETAILS 4

POLY-MART PM#10000 (10,000 GALLON) U.S. FDA COMPLIANT WATER TANK

PIPING NOTES:

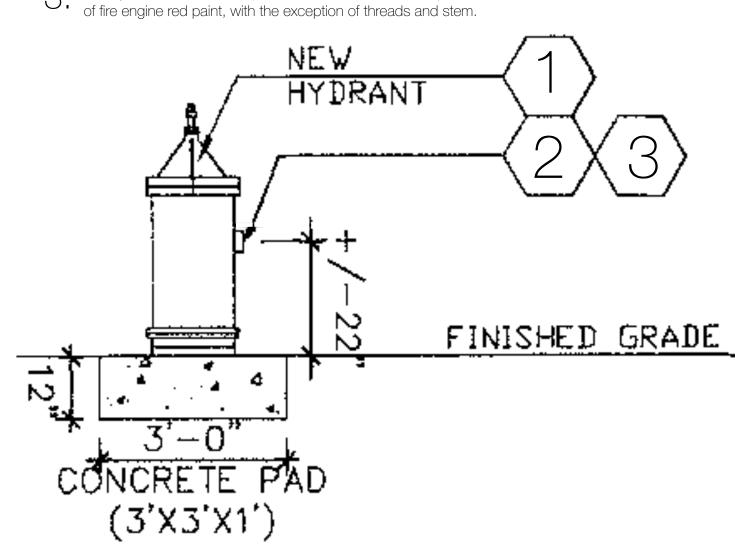
a. The hydrant connection shall be made a minimum of six inches above the bottom of the tank. The 6" measurement shall be measured from the tank base to the bottom of the supply pipe. A readily accessible indicating control valve shall be provided for this line

b. A minimum 4" piping shall be used to supply the hydrant

c. The pipe may be plastic, but only where buried.

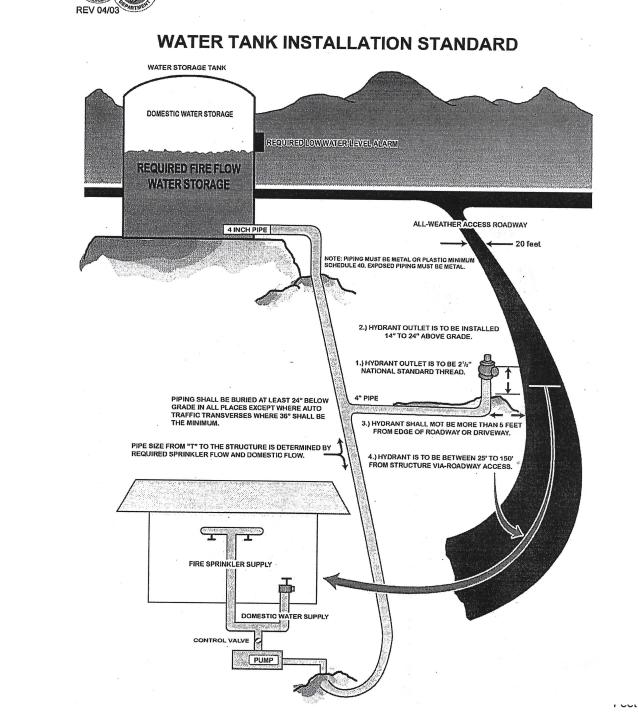
- Pipe exposed to sunlight or above grade shall be d. The depth of bury for underground pipe shall be a minimum of 30" with a minimum of 36" where
- subject to vehicular travel. e. Piping, thrust blocks, rodding, or approved
- retaining glands shall be provided per NFPA 13 and Tanks shall be located on the subject property.

Supply piping shall not cross property lines.



The hydrant shall be an angle type wharf hydrant with a 4-inch NPT inlet, and a 2 1/2"-inch male NST hose thread outlet. The hydrant shall meet AWWA C-503 requirements, or an approved equal without hand wheel. A plastic cap shall be provided to protect the threads

- The hydrant outlet shall be located 14 to 24 inches above finished grade, as measured from the middle of the outlet.
- 3. The hydrant outlet shall be painted with two coats of red primer and one coat of fire engine red paint, with the exception of threads and stem.



COUNTY OF LOS ANGELES FIRE DEPARTMENT

FIRE PREVENTION DIVISION

WATER STORAGE TANK NOTES:

Provide a minimum 10,000 gallons of private on-site water storage, via an above ground water tank system. The tank(s) shall be supplied from a private on-site well that is certified sustainable by the Department of Public Health and meet all required health standards. The tank shall be installed in accordance with the following:

a. The tank shall have a connection to a supply source to refill the tank system

b. Where a well, pump, tank or combination thereof is the source of supply for the fire sprinkler system, the water supply shall serve both domestic and fire sprinkler systems. c. Water tanks must be in good condition and constructed of steel, redwood, concrete or approved UV protected plastic.

d. When the tank's dimension in height is 1.5 times greater than the dimension of the tank's diameter, a building permit must be obtained from the jurisdictional building and safety

e. The storage tank must be installed, inspected, and accepted by the Fire Department and jurisdictional Building Department prior to any building permit being issued for the residence. Prior to installation of the tank(s), plans shall be submitted showing the underground line supplying the fire sprinkler system, pump, and interconnection of the tank(s) for review, and approval by the Fire Sprinkler Plan Check unit.

Multiple tanks, if used, shall be at the same approximate elevation, and interconnected at the bottom with minimum 4-inch piping in such a manner as to drain equally.

g. The water tank(s) shall be equipped with a low water alarm which is actuated when the water level falls below the minimum storage requirements for Department use. This alarm shall be audible at the residence.

h. The water tank low level alarm shall be permanently affixed to the tank and the level that the alarm sounds shall not be adjustable.

Aboveground tanks shall have a visual sight gauge to indicate the water level in the

2 1/2" X 4" X 6" DRAFT HYDRANT 2

TANK INSTALLATION DETAILS

MATARÉ J. BOX 1204, MAL

8 7-20-23 VM // MARK DATE DESCRIPTION

PROJECT NO: MODEL FILE: DRAWN BY:

A-1.1d

STANDARD CONDITIONS OF APPROVAL FOR RESIDENTIAL PROJECTS IN AREAS WITHOUT A WATER SUPPLY SYSTEM

Per Table B103.3, provide a minimum 12,500 gallon private on-site water storage tank. The tank may be supplied from a private on-site well that is certified sustainable by the Department of Public Health and meet all required health standards. The tank shall be installed in accordance with the following:

- a. The tank shall have a connection to a supply source to refill the tank system automatically.
- b. Where a well, pump, tank or combination thereof is the source of supply for the fire sprinkler system, the water supply shall serve both domestic and fire sprinkler systems.
- c. Water tanks must be in good condition and constructed of steel, redwood, concrete or approved UV protected plastic.
- d. When the tank's dimension in height is 1.5 times greater than the dimension of the tank's diameter, a building permit must be obtained from the jurisdictional building and safety office.
- e. The storage tank must be installed, inspected, and accepted by the Fire Department and jurisdictional Building Department prior to any building permit being issued for the residence. Prior to installation of the tank(s), plans shall be submitted showing the underground line supplying the fire sprinkler system, pump, and interconnection of the tank(s) for review, and approval by the Fire Sprinkler Plan Check unit.
- f. Multiple tanks, if used, shall be at the same approximate elevation, and interconnected at the bottom with minimum 4-inch piping in such a manner as to drain equally.
- g. The water tank(s) shall be equipped with a low water alarm which is actuated when the water level falls below the minimum storage requirements for Department use. This alarm shall be audible at the residence.
- h. The water tank low level alarm shall be permanently affixed to the tank and the level that the alarm sounds shall not be adjustable.
- i. Tanks shall be located aboveground and shall have a visual sight gauge to indicate the water level in the tank.

Supply piping requirements:

- a. The hydrant connection shall be made a minimum of six inches above the bottom of the tank. The 6" measurement shall be measured from the tank base to the bottom of the supply pipe. A readily accessible indicating control valve shall be provided for this line at the tank.
- b. A minimum 4" piping shall be used to supply the hydrant.
- c. The pipe may be plastic, but only where buried. Pipe exposed to sunlight or above grade shall be protected metal.
- d. The depth of bury for underground pipe shall be a minimum of 30" with a minimum of 36" where subject to vehicular travel.
- e. Piping, thrust blocks, rodding, or approved retaining glands shall be provided per NFPA 13 and NFPA 24.
- f. Tanks shall be located on the subject property. Supply piping shall not cross property lines.

3. Hydrant requirements:

- a. A single 2½" male National Standard Thread outlet shall be provided whenever a tank is installed.
- b. The hydrant outlet shall have unobstructed access from the public road, be within five feet of the access roadway on the approach side of the structure and unobstructed within 15 feet on each side of the outlet.
- c. The hydrant outlet shall be between 50 and 150 feet from the closest point of the structure measured via vehicular access.
- d. The hydrant outlet shall be gravity fed. This outlet shall be a minimum of one-foot below the grade level of the tank for each 100 feet of supply pipe. This supply pipe must have a continuous downward gravity feed.
- e. The hydrant outlet shall be located 14 to 24 inches above finished grade as measured from the middle of the outlet.
- f. A three-foot square by one-foot thick horizontal concrete pad shall be provided at grade around the hydrant to provide stability to the hydrant during Department operations.
- 4. Provide an approved NFPA 13D interior automatic fire sprinkler system throughout the residence and in all concealed spaces in accordance with NFPA 13 with a maximum four head hydraulic calculation.

Rottman Drilling Co.

46471 N. DIVISION LANCASTER, CA 93535-5906 (661) 942-6125 FAX (661) 949-1510 CONTRACTORS LIC. #316599

8800 SCHURZ HWY. FALLON, NV 89406 (775) 423-8929 CONTRACTORS LIC. #36348

March 11, 2014

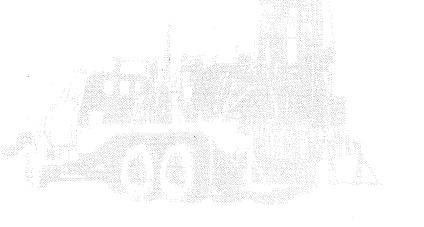
Michael Auten malibuhomes@aol. 3640 Noranda Lane Malibu CA 90265

RE: Well 14 Located at 3640 Noranda Lane, Malibu CA 90265

On March 10th 2014 a 5 ½ hour pump test was conducted for Michael Auten. The test began at 9:30 a.m. and the standing water level was 490 foot BGL. A 25 GPM constant rate was established from 10:30 a.m. to 2:30 p.m. with a 677 foot BGL pumping level. A recovery test was conducted immediately after the pump was turned off. The well recovered to 492-feet (99%) within 2 hours and 40 minutes.

Please feel free to contact me if you have any questions.

Edward P. Robledo Estimator







JOB:	Micahel Auten		TEST PUMP DATA TEST PUMP SIZE: 4					4''	ROTTMAN	
SWL:	490' AIRLINE: 735'		TEST PUMP SETTING:			735'	DRILLING CO. LANCASTER			
		ù ·		where the second	AND THE PROPERTY OF THE PROPER	hangi			processing and the second and an in-	SOA madiculação Billiphianemo
DATE:	3/10/2014		ESTER:	Airline/Nit	rogen	- OI	RIFICE / FLOV	VIVIETEK:	1"	PAGE: 1
TIME	OPERATION	LBS	P/L	INCHES	GPM	DRAW DOWN	SPECIFIC CAPACITY	TOTALIZER		REMARKS
9:30am	Start-Up	106	530'		37.5	38	0.99	1389		
9:45am	Gord void little diese statement nach von von der state til som der kontrollen aus der de statement von der von der statement von der de statement von de	66	582'		34	90	0.38	1461		
0:00am		45	631'		32	139	0.23	1529	Security Sec	
0:15am	and the state of t	35	654'		28	162	0.17	1591		
0:30am	Start Constant Rate	25	677'		. 25	185	0.13	1648		
1:00am		25	677'		25	185	0.13	2192		
1:30am	менической свою быть і противорожниць в водення противорожня при станова по противорожня при станова по при ст	25	677'		25	185	0.13	2240		
2:00pm	Continues Test	25	677'		25	185	0.13	2286		
2:30pm		25	677'		25	185	0.13	2319		
1:00pm		25	677'		25	185	0.13	2352		
1:30pm		25	677'		25	185	0.13	2386		
2:00pm		25	677'		25	185	0.13	2419		
2:30pm	End of Test	25	677'		25	185	0.13	2451		
1:30pm	Recovery	55	608'				erialist titulasi, sas miljomes and onessi sakel typisi principia vita vita milem mil taj in tip	re (din su shuma adinsi nga alishidilikarin hikis drima dan palraphilishidakaranda		Recoverd to 80%
1:30pm	Recovery	85	538'		nic at 1970 o collection and the suice representation					Recoverd to 91%
5:10pm	End of Recovery Test	105	492'					ngalopaka a pami majakapan propinsi mbako pirker sincilara serikipandi		Recovered to 99%
		alannistan nianaagaandan aasad a gann 84847 diiliidiidhiin			microscontanish upuhngalangan coccurann					
	ala-ang-angung Shirinin an-angung pagang ar laifer-takkin merungkan kalanjan laif inn an Arabbangkan pagan	Marking did indicate in a contract of the constraint of the constr			Macrotherholdscarehologyelympycodic acua		de secretarion e en companya de la c	i i nesi i insu mas unus cus cus cus migras adial e displanta sonalistanti, immere denesi conformità.		
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WELL TEST REPORT



January 22, 2019

Glen D. Peterson MWD Representative Charles P. Caspary

Secretary

Jay Lewitt Director, Division 5

Lee Renger

David W. Pedersen, P. E.

General Manager Wayne K. Lemieux **HEADQUARTERS**

4232 Las Virgenes Road Calabasas, CA 91302 (818) 251-2100

Fax (818) 251-2109

WESTLAKE FILTRATION PLANT (818) 251-2370 Fax (818) 251-2379 TAPIA WATER
RECLAMATION FACILITY (818) 251-2300 Fax (818) 251-2309 RANCHO LAS VIRGENES COMPOSTING FACILIT (818) 251-2340

Fax (818) 251-2349 www.LVMWD.com MEMBER AGENCY OF THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

PROPERTY WITH PRACTICAL DIFFICULTIES

TO WHOM IT MAY CONCERN:

SUBJECT: APN: 4472-025-052

The above referenced parcel is located within the service area of Las Virgenes Municipal Water District ("District"). However, the following obstacle(s) creates practical difficulties for delivery of water service to the parcel. (See attached water system map.)

 The closest main is approximately 6407' from the property. There are no plans to extend the main in the future.

The District recognizes these obstacles present practical difficulties in providing permanent public water service to this parcel Should you have any additional questions, please feel free to contact the

District's New Development Technician, Joanne Bodenhamer at (818)

251-2240.

Director of Facilities & Operations

David Lippman



COUNTY OF LOS ANGELES FIRE DEPARTMENT OPERATIONS BUREAU

AUXILIARY WATER SOURCE IDENTIFICATION

Los Angeles County Fire Code, Title 32, Section 903.5. and Section 903.6, Los Angeles County Plumbing Code,

This Regulation shall apply to all required draft hydrant systems or auxiliary water sources in the Fire Zone 4 unincorporated area of Los Angeles County and incorporated cities located within the Very High Fire Hazard Severity Zone (V.H.F.H.S.Z.) adopting Ordinance #95-0029.

This regulation shall apply to all swimming pools or spas, 5000 gallon capacity or greater located within a V.H.F.H.S.Z. or Fire Zone 4.

Swimming Pools and Spas - Identification

1. Jurisdictional fire station personnel shall inspect and approve sign locations.

2. All new or **EXISTING** pools and spas, 5000 gallon capacity or greater, located in V.H.F.H.S.Z. or Fire Zone 4 shall be identified by a permanent sign.

(1) Swimming pools constructed with a draft hydrant system and so identified, need not be identified with a pools

(2) Where curb address numbers exist, pools and spas may be identified by painting a pool graphic next to the curb address numbers. The pool graphic shall depict a white water-and-swimmer against a blue background. The pools graphic shall be rectangular in shape and a minimum of 4 inches high and 4 inches wide. The pool graphic shall be maintained in a legible condition and repainted as necessary.

- a) The pool or spa sign shall depict a white water-and-swimmer icon, with a blue background.
- b) The dimensions for pool or spa sign shall be minimum 10" high and 71/2" wide.
- c) Pool and spa signs shall be rectangular in shape, with retro-reflective, fade resistant, and able to withstand the elements. Graphics shall be white on blue.
- d) Sign shall be securely fastened to a building or post, with the top of the sign a minimum of 36" above the
- e) Pool and spa signs shall be placed and maintained in such a position as to be plainly visible from the street or road fronting the property. Location shall be subject to Fire Department approval. f) At the discretion of the fire inspector, additional signs may be required to adequately direct the Fire
- Department to the water source. The inspector may direct that signs be posted at alternate locations if upon field inspection, such a location provides better visibility
- g) The property owner shall be responsible to maintain or replace the required signs if damaged or removed by unauthorized person(s). The property owner or occupant shall maintain the sign free of vegetative
- h) Signs shall not be tampered with or otherwise vandalized.
- i) Signs shall not be removed without the permission of the Fire Chief or his authorized representative.

CIATES, INC

/ITUS MATARÉ P.O. BOX 1204, MAL info

8 7-20-23 VM MARK DATE DESCRIPTION

//

PROJECT NO:

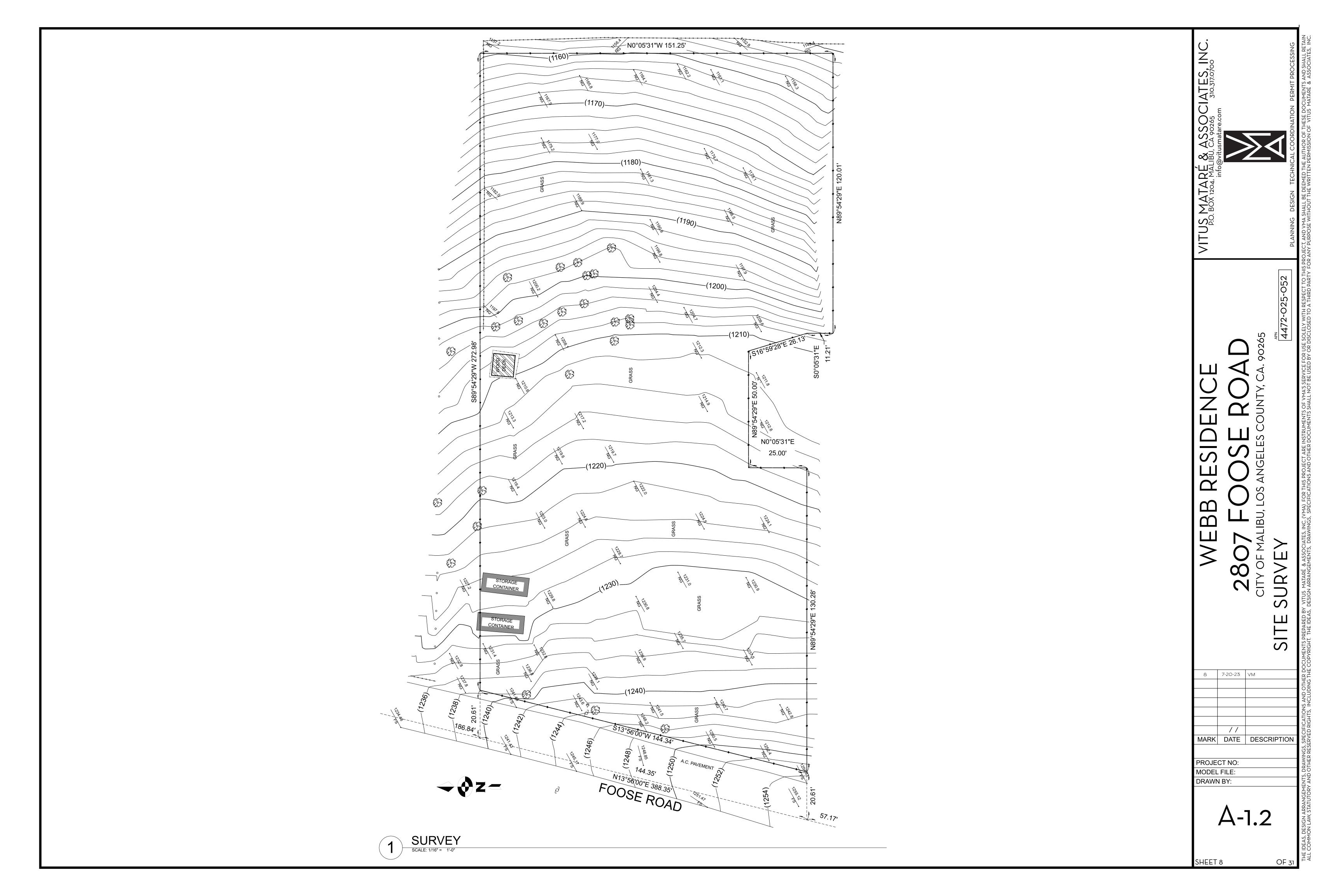
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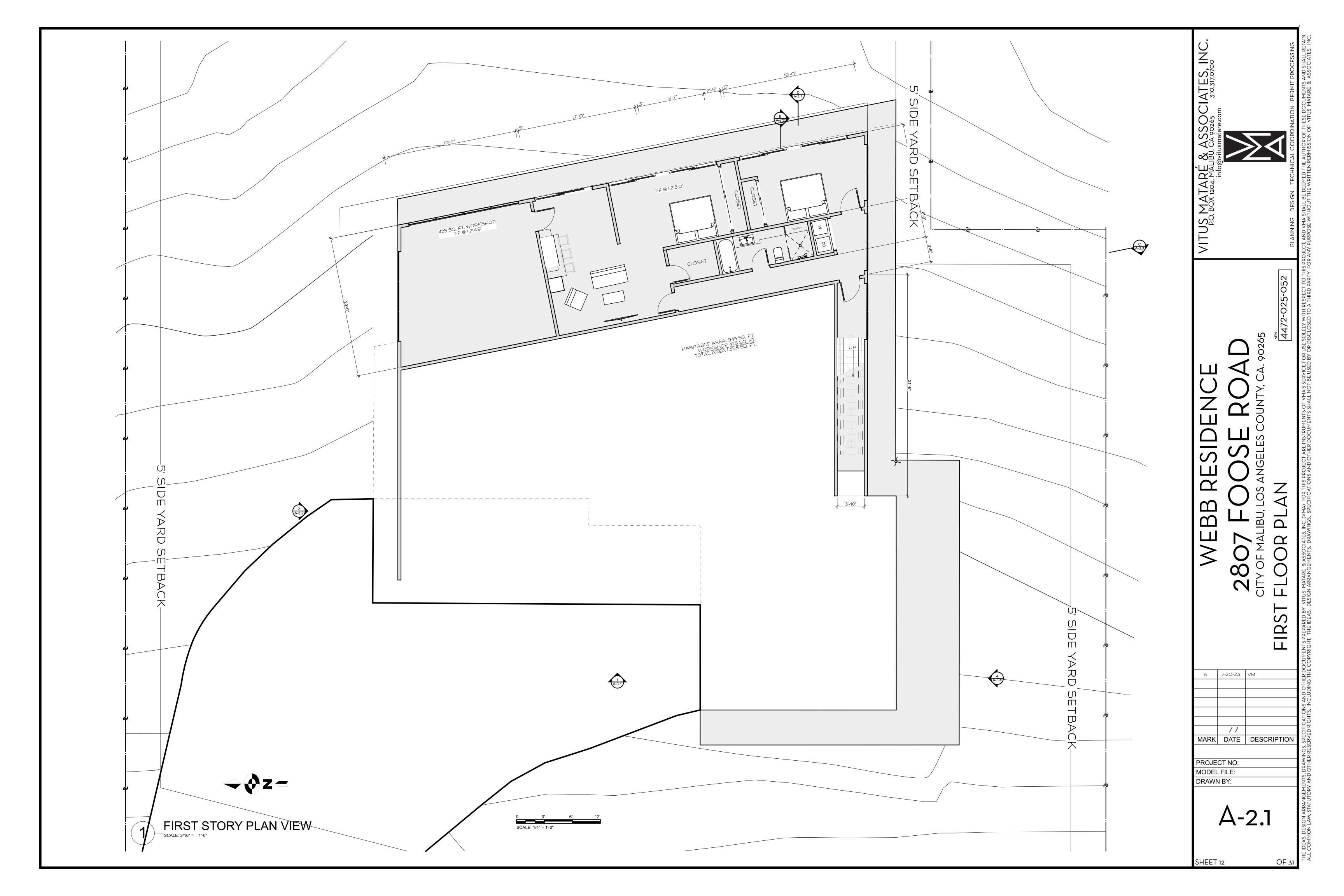
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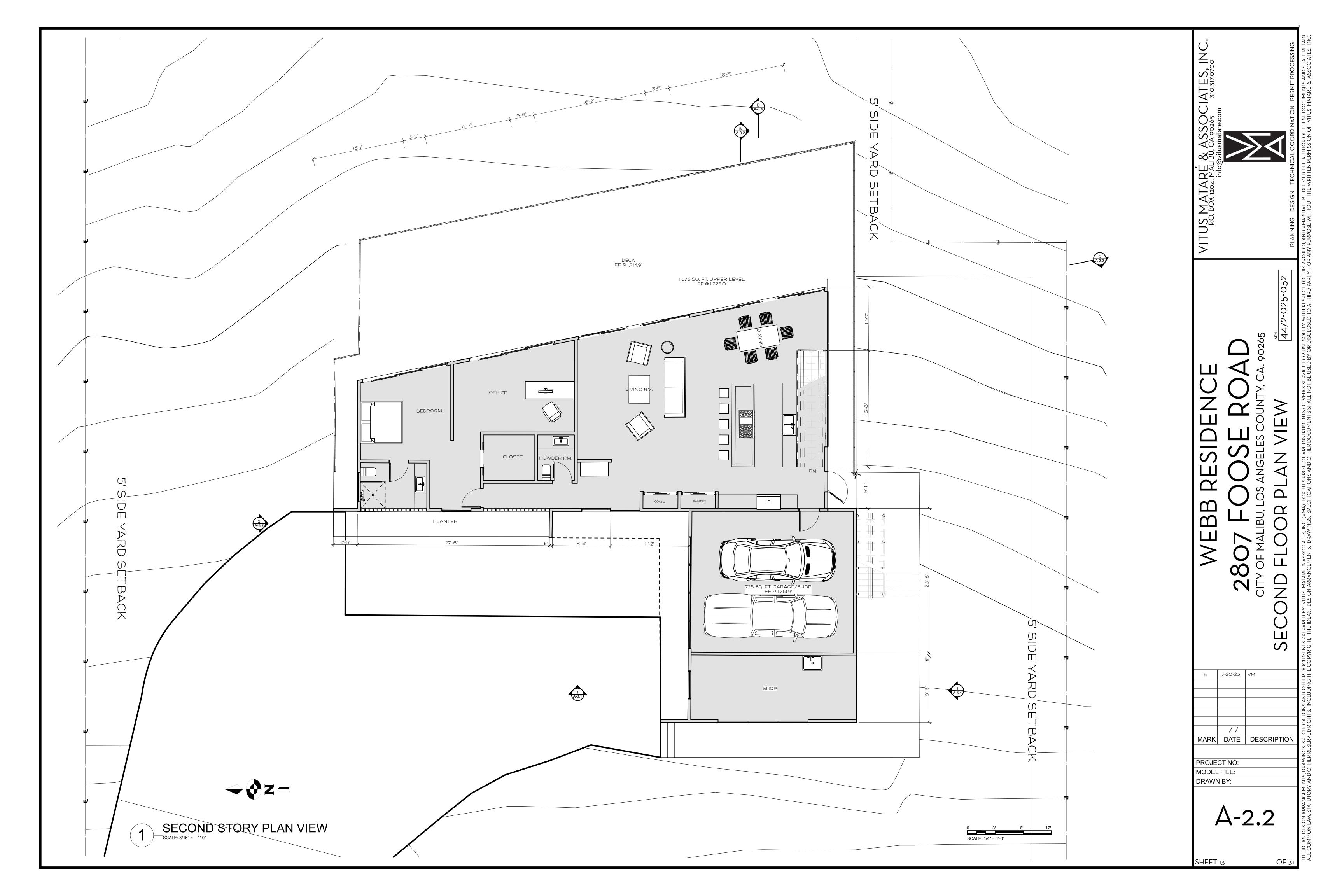
FIRE DEPT. CONDITIONS OF APPROVAL

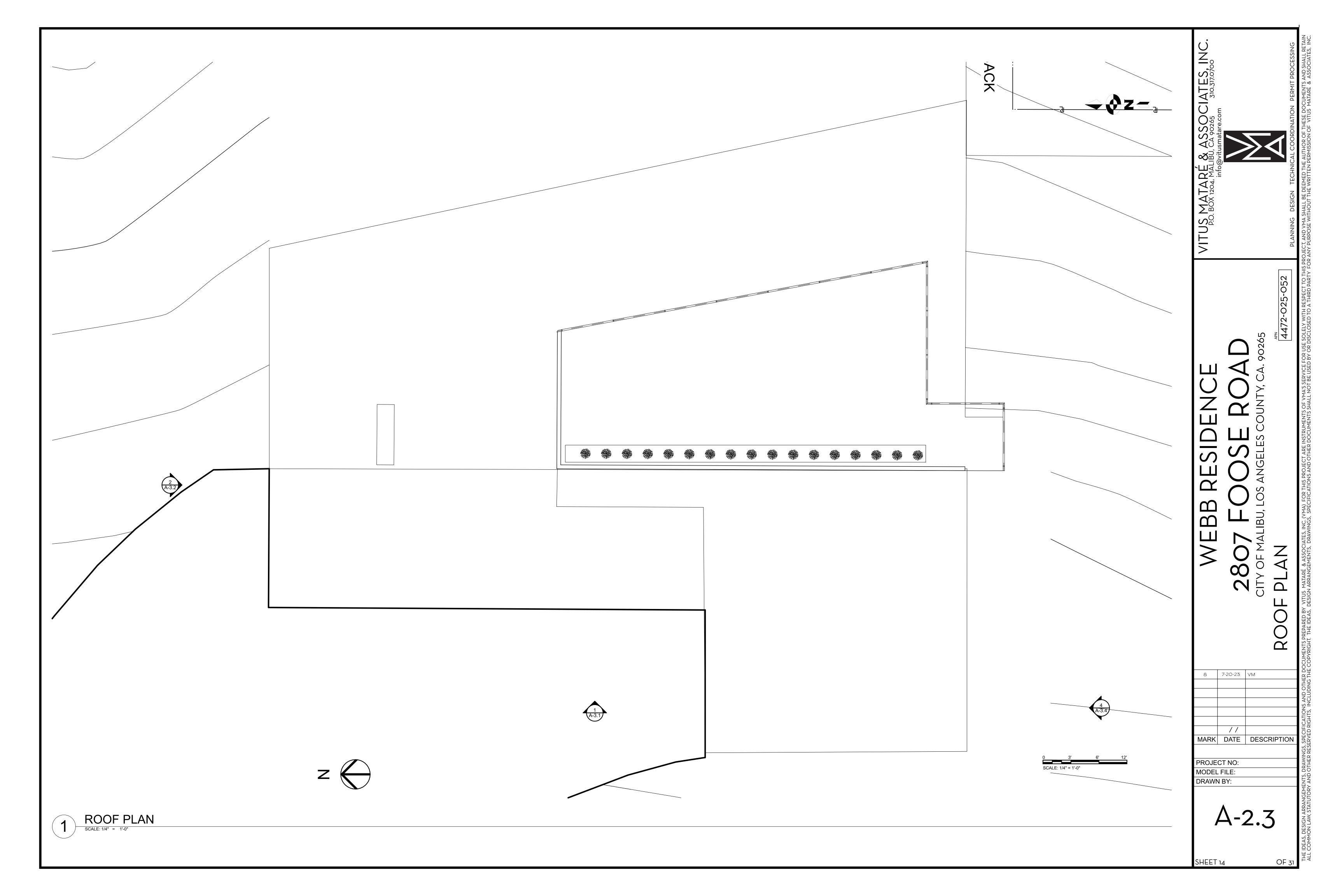
WILL - NOT - SERVE LETTER

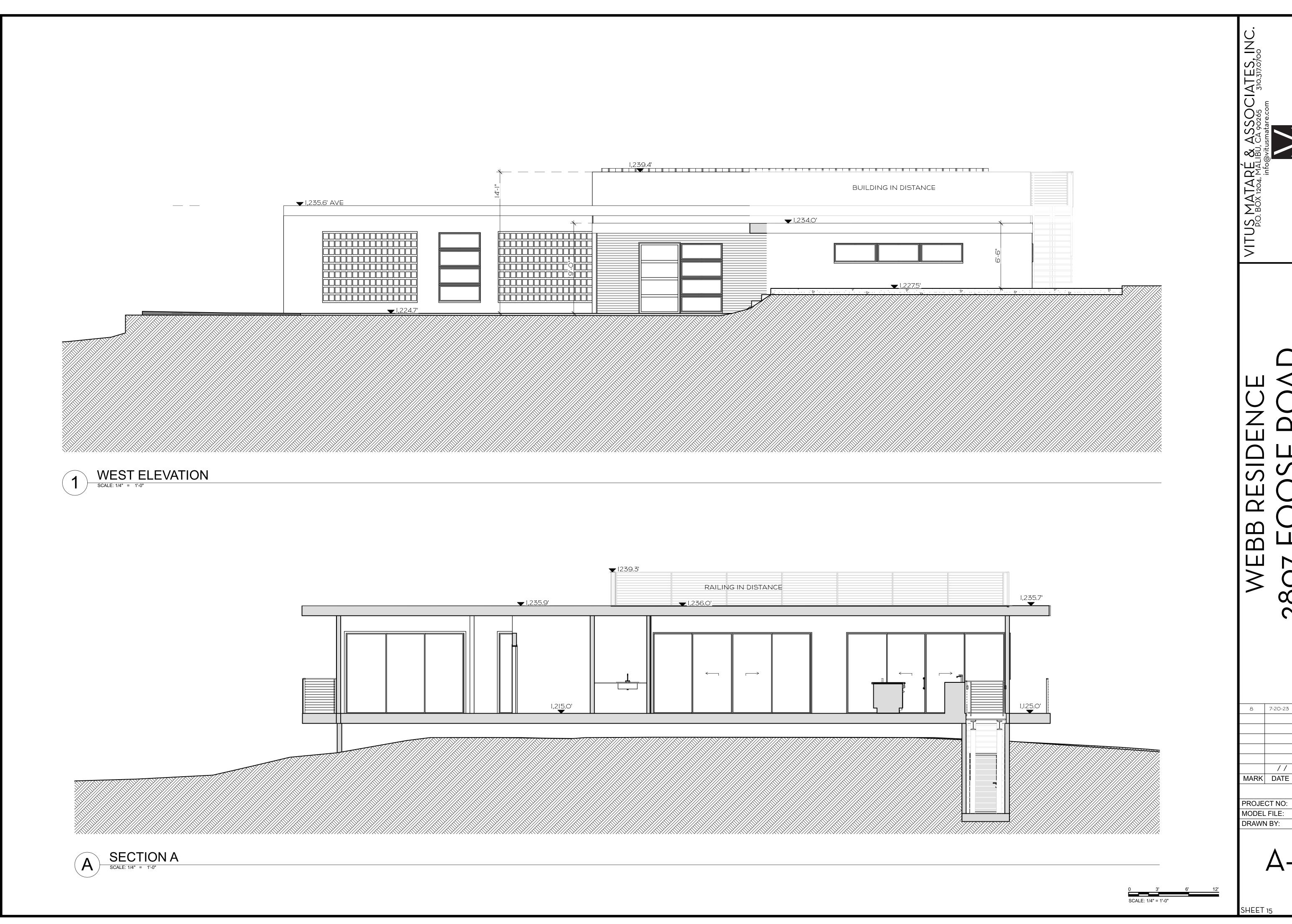
AUX. WATER REQUIREMENTS - FIRE CODE



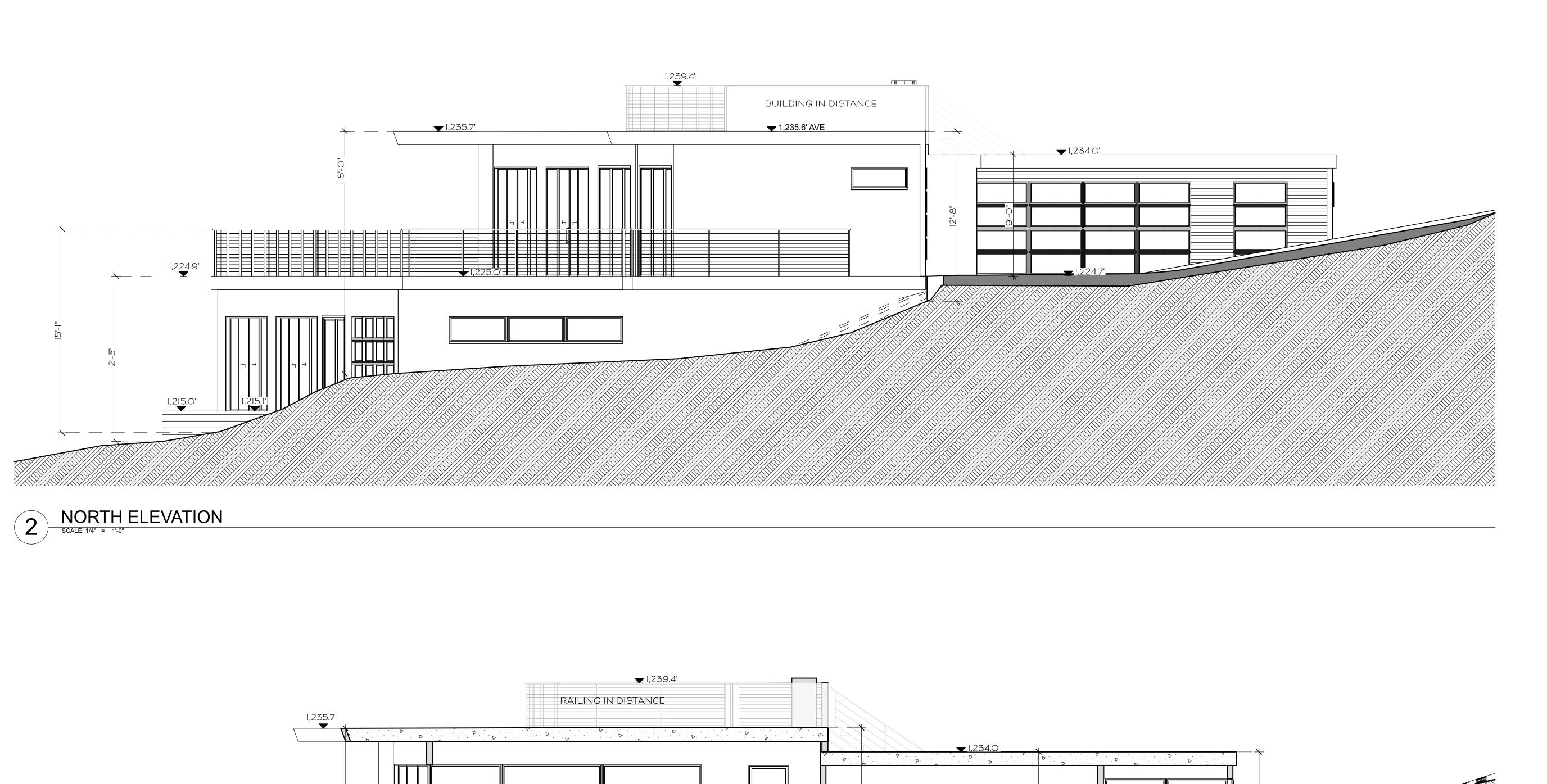








8 7-20-23 VM // MARK DATE DESCRIPTION



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

0 3' 6' 12' SCALE: 1/4" = 1'-0" WEBB KESIDENCE

2807 FOOS ANGELES COUNTY, CA. 90265

IODTU ELEVATION & SECTION

VITUS MATARÉ & P.O. BOX 1204, MALIBU, info@vitu

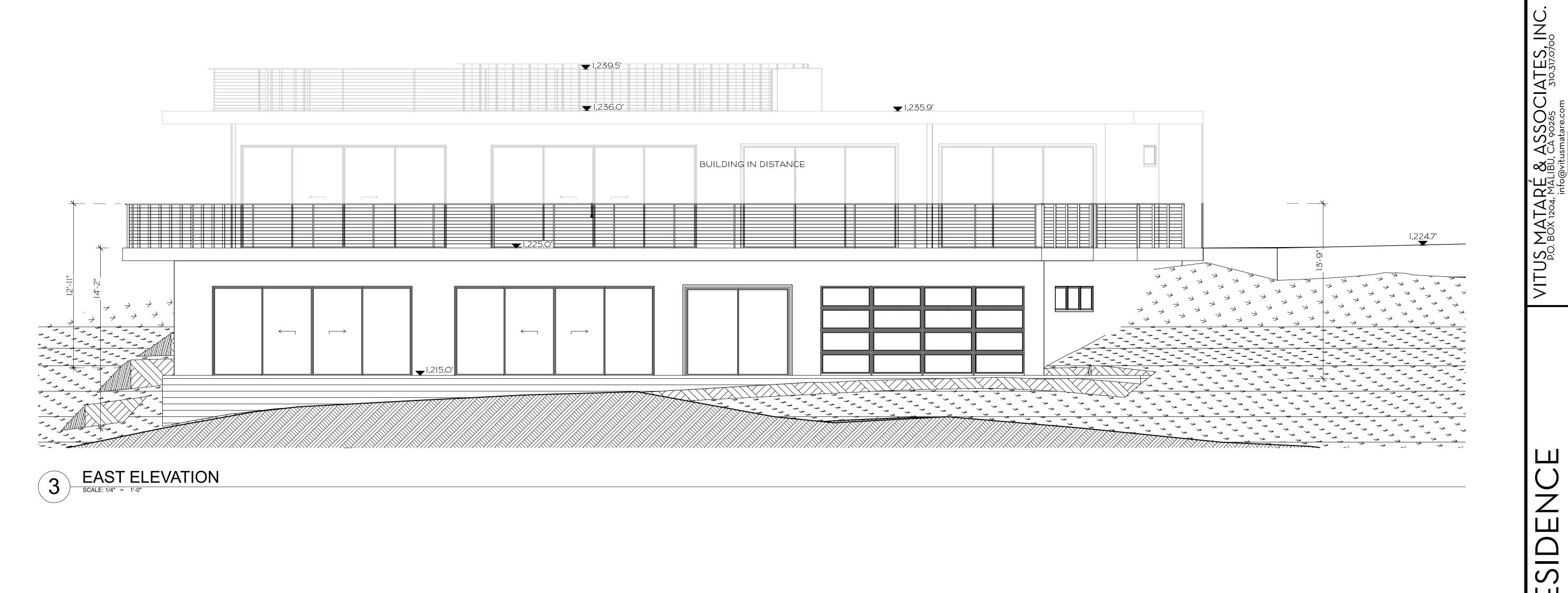
8 7-20-23 VM

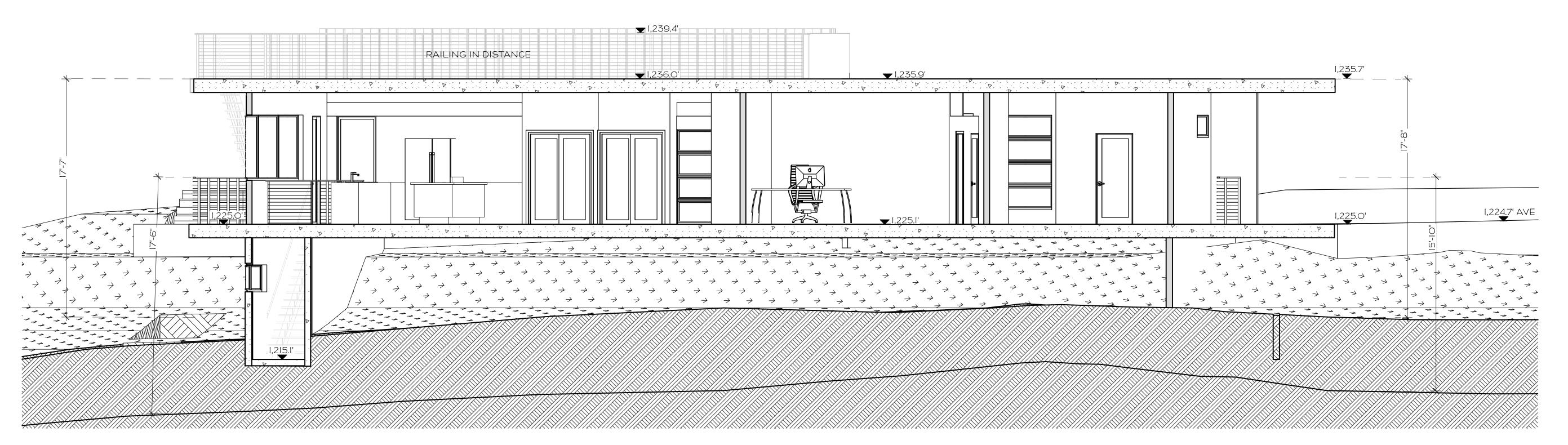
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PROJECT NO:
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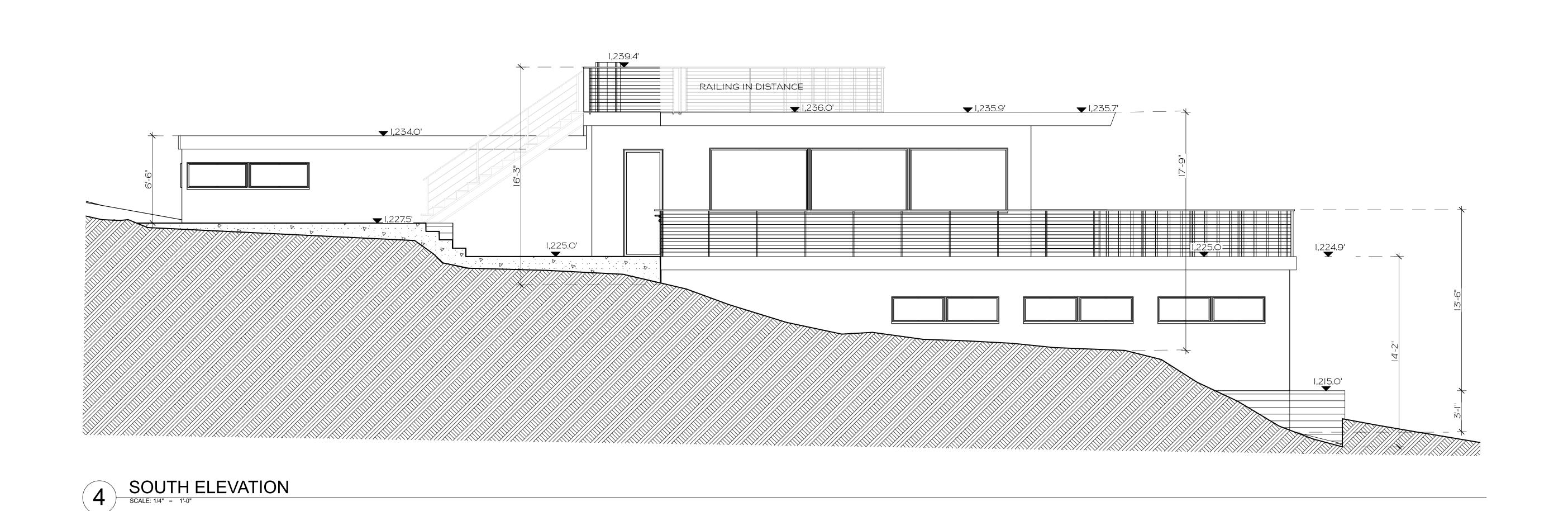


SECTION C
SCALE: 1/4" = 1'-0"

8 7-20-23 VM //

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MARK DATE DESCRIPTION



1,239.4' RAILING IN DISTANCE J,235.9' **▼**1,234.0'

SECTION D

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

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

VITUS MATARÉ & P.O. BOX 1204, MALIBU, info@vitu

MARK DATE DESCRIPTION

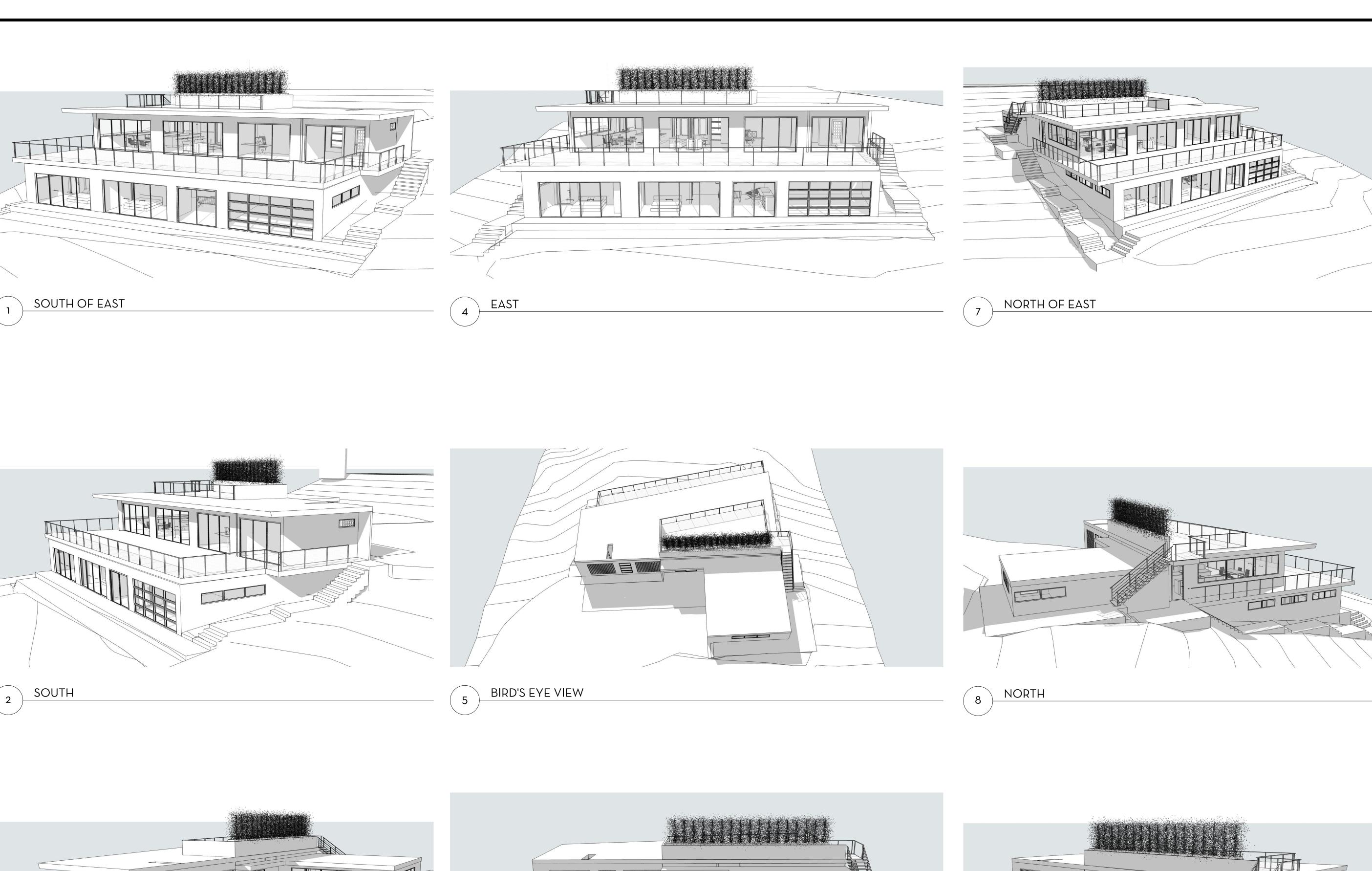
SHEET 18

8 7-20-23 VM

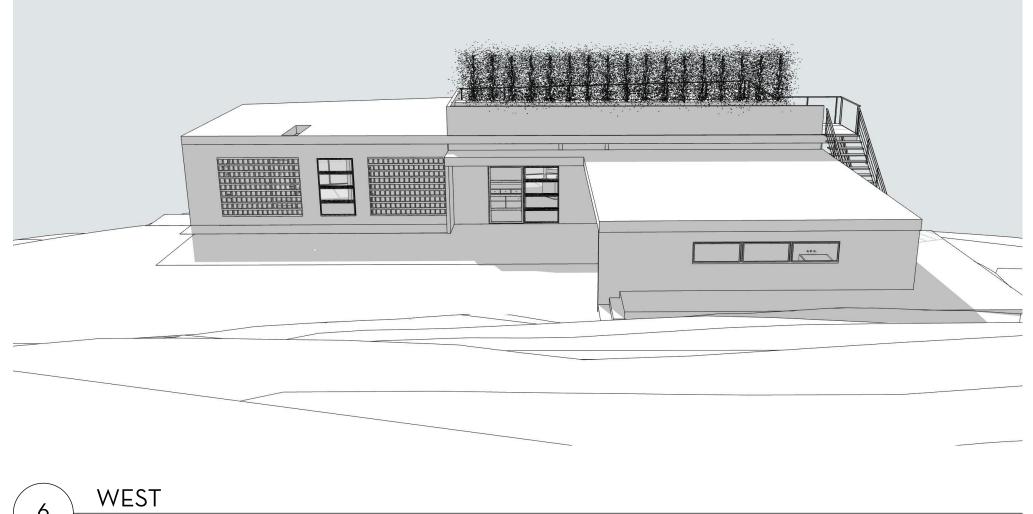
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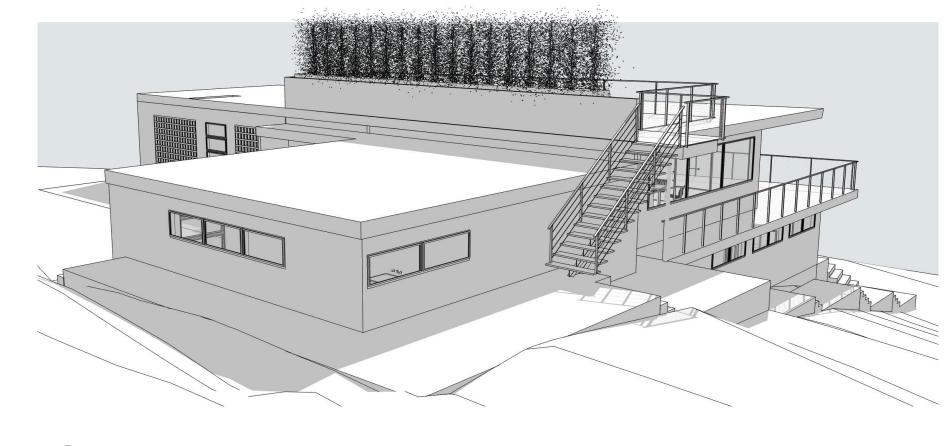
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9 NORTH OF WEST

8 7-20-23 VM

//
MARK DATE DESCRIPTION

PROJECT NO:
MODEL FILE:
DRAWN BY:

SHEET 19

VITUS MATARÉ & DO. BOX 1204, MALIBU, info@vitu

WEBB RESIDENCE: GRADING, DRAINAGE, & EROSION CONTROL PLANS



2807 S. FOOSE ROAD MALIBU, CA 90265

EGAL DESCRIPTION ASSESSOR ID#: 4472-025-052

PROJECT INFORMATION ZONING: RR-2 LOT SIZE: 19,888 SQ.FT

13488 MAXELLA AVE. #318 MARINA DEL REY, CA 90292 417.73.3564

PROJECT DESIGNER VITUS MATARE' VITUS MATARE' & ASSOCIATES P.O. BOX 1204 MALIBU, CA 90265 310.317.0700

CIVIL ENGINEER JAMES TUCHSCHER, P.E. TEG, INC. 5318 E. 2ND ST, #539 LONG BEACH, CA 90803 310.613.9980

830 S. DURANGO DRIVE LAS VEGAS, NV 89145 310.633.1213

GEOTECHNICAL ENGINEER LEONARD LISTON CALWEST GEOTECNICAL INC. 889 PIERCE COURT, SUITE 101 THOUSAND OAKS, CA 91360 818.991.7148

GEOIOGIST JAKE HOLT LAND PHHASES, INC. 702 GREENBRIAR AVE SIMI VALLEY, CA 93065 805.657.0142

								_	
GRADING SUMMARY						SHEET	DESCRIPTION		
GRADING SUMMAKT					C-1	TITLE PAGE	1		
	1					C-2	EXISTING SITE PLAN		
	WITHIN		REMOVE AND	Ι Ι()ΙΔΙ	C-3	GRADING PLAN			
	FOOTPRINT		RECOMPACT		IOIAL	IOIAL	C-4	DRAINAGE PLAN	
						C-5.0	GRADING SECTIONS		
CUT	16 CU.YD.	12 CU.YD.	0 CU.YD.	28 CU.YD.	EC-1	EROSION CONTROL PLAN			
					rD.				
FILL	9 CU.YD.	9 CU.YD.	0 CU.YD.	18 CH YD					
				10 00.10.	<i>ن</i> .				
			TOTAL	46 CU.YD.					
				10 CU.YD. EXPORT				_[
			10 CU.YD.					4	
							•	_	
GRADING INFORMATION 4						SHEET INDEX 5			
	FILL	WITHIN FOOTPRINT CUT 16 CU.YD. FILL 9 CU.YD.	WITHIN FOOTPRINT CUT 16 CU.YD. 12 CU.YD. FILL 9 CU.YD. 9 CU.YD.	FOOTPRINT FOOTPRINT RECOMPACT CUT 16 CU.YD. 12 CU.YD. 0 CU.YD. FILL 9 CU.YD. 9 CU.YD. 10 CU.YD. TOTAL 10 CU.YD.	WITHIN FOOTPRINT OUTSIDE OF FOOTPRINT RECOMPACT TOTAL CUT 16 CU.YD. 12 CU.YD. 0 CU.YD. 28 CU.YD. FILL 9 CU.YD. 9 CU.YD. 0 CU.YD. 18 CU.YD. TOTAL 46 CU.YD.	WITHIN FOOTPRINT OUTSIDE OF FOOTPRINT RECOMPACT TOTAL CUT 16 CU.YD. 12 CU.YD. 0 CU.YD. 28 CU.YD. FILL 9 CU.YD. 9 CU.YD. 0 CU.YD. 18 CU.YD. TOTAL 46 CU.YD. 10 CU.YD. EXPORT	C-1 C-2 C-2 C-2 C-2 C-3 C-4 C-5.0 C-1 C-5.0 C-1 C-5.0 C-5.0 C-1 C-5.0 C-5.0 C-5.0 C-1 C-5.0 C-	GRADING SUMMARY C-1 TITLE PAGE C-2 EXISTING SITE PLAN C-3 GRADING PLAN C-4 DRAINAGE PLAN C-5.0 GRADING SECTIONS EC-1 EROSION CONTROL PLAN FILL 9 CU.YD. 9 CU.YD. 0 CU.YD. 18 CU.YD. TOTAL 46 CU.YD. 10 CU.YD. EXPORT	

VICINITY MAP

GENERAL INFORMATION

FILL

OVER EXCAVATION

REMOVAL AND

RECOMPACT

EXPORT

0.266 AC.

0 SQ.FT./ 0 AC.

8712 SQ.FT./ 0.200 AC.

2807 S. FOOSE ROAD

ALAN WEBB

4472-025-052

RR-2

RURAL RESIDENTIAL

CC#

PP#

EXP.

EXP.

EXP.

CUP#

OTB #

APPROVED VOL

CDP

28 CU.YD.

18 CU.YD.

0 CU.YD.

10 CU.YD.

GRADING PERMIT APPLICATION #

EARTHWORK VOLUMES

EXPORT LOCATION

TOTAL TURF AREA

(WDID #)

PROPERTY INFORMATION

ZONING, REGIONAL PLANNING, AND OTHER

AGENCY INFORMATION

TOTAL DISTURBED AREA

TOTAL PROPOSED LANDSCAPE AREA

TOTAL DROUGHT TOLERANT LANDSCAPING

WASTE DISCHARGE IDENTIFICATION NUMBER

PRE-DEVELOPMENT IMPERVIOUS AREA

POST-DEVELOPMENT IMPERVIOUS AREA

CONSTRUCTION & DEMOLITION DEBRIS

RECYCLING AND REUSE PLAN (RPP ID)

PROPERTY ADDRESS

LOT/PARCEL #

ASSESSOR ID #

PROPERTY OWNER

PROPERTY ZONING

INTENDED LAND USE

PLOT PLAN NUMBER

OAK TREE PERMIT

FISH & WILDLIFE

AQMD

AMY CORP OF ENGINEERS

RETIONAL WATER CONTROL BOARD

CERTIFICATE OF COMPLIANCE

COMMUNITY STANDARDS DISTRICT

CALIFORNIA COASTAL COMMISSION AREA

COASTAL DEVELOPMENT PERMIT

CONDITIONAL USE PERMIT

TRACT/PARCEL MAP #

POST-CONSTRUCTION BMP FEATURES GPS

GRADING GENERAL NOTES

ALL GRADING AND CONSTRUCTION SHALL CONFORM TO THE 2014 COUNTY OF LOS ANGELES BUILDING CODES AND THE STATE MODEL WATER EFFICIENCY LANDSCAPE ORDINANCE UNLESS SPECIFICALLY NOTED ON THESE PLANS.

PROJECT DATA

- 2) ANY MODIFICATIONS OF OR CHANGES TO APPROVED GRADING PLANS MUST BE APPROVED BY THE BUILDING OFFICIAL.
-) NO GRADING SHALL BE STARTED WITHOUT FIRST NOTIFYING THE BUILDING OFFICIAL. A PRE-GRADING MEETING AT THE SITE IS REQUIRED BEFORE THE START OF THE GRADING WITH THE FOLLOWING PEOPLE PRESENT: OWNER, GRADING CONTRACTOR, DESIGN CIVIL ENGINEER, SOILS ENGINEER, GEOLOGIST, COUNTY GRADING INSPECTOR(S) OR THEIR REPRESENTATIVES, AND WHEN REQUIRED THE ARCHEOLOGIST OR OTHER JURISDICTIONAL AGENCIES. PERMITTEE OR HIS AGENT ARE RESPONSIBLE FOR ARRANGING PRE-GRADE MEETING AND MUST NOTIFY THE BUILDING OFFICIAL AT LEAST TWO BUSINESS DAYS PRIOR TO PROPOSED PRE-GRADE
- APPROVAL OF THESE PLANS REFLECT SOLELY THE REVIEW OF PLANS IN ACCORDANCE WITH THE COUNTY OF LOS ANGELES BUILDING CODES AND DOES NOT REFLECT ANY POSITION BY THE COUNTY OF LOS ANGELES OR THE DEPARTMENT OF PUBLIC WORKS REGARDING THE STATUS OF ANY TITLE ISSUES RELATING TO THE LAND ON WHICH THE IMPROVEMENTS MAY BE CONSTRUCTED. ANY DISPUTES RELATING TO TITLE ARE SOLEY A PRIVATE MATTER NOT INVOLVING THE COUNTY OF LOS ANGELES OR THE DEPARTMENT OF PUBLIC WORKS.
- ALL GRADING AND CONSTRUCTION ACTIVITIES SHALL COMPLY WITH COUNTY OF LOS ANGELES CODE, TITLE 12, SECTION 12.12.030 THAT CONTROLS AND RESTRICTS NOISE FROM THE USE OF CONSTRUCTION AND GRADING EQUIPMENT FROM THE HOURS OF 8:00 PM TO 6:30 AM, AND ON SUNDAYS AND HOLIDAYS.
- o) California public resources code (section 5097.98) and health and safety code (SECTION 7050.5) ADDRESS THE DISCOVERY AND DISPOSITION OF HUMAN REMAINS. IN THE VENT OF DISCOVERY OR RECOGNITION OF ANY HUMAN REMAINS IN ANY LOCATION OTHER THAN A DEDICATED CEMETERY, THE LAW REQUIRES THAT GRADING IMMEDIATELY STOPS AND NO FURTHER EXCAVATION OR DISTURBANCE OF THE SITE, OR ANY NEARBY AREA WHERE HUMAN REMAINS MAY BE LOCATED, OCCUR UNTIL THE FOLLOWING MEASURES HAVE BEEN
- . THE COUNTY CORONER HAS BEEN INFORMED AND HAS DETERMINED THAT NO INVESTIGATION
- OF THE CAUSE OF DEATH IS REQUIRED, AND IF THE REMAINS ARE OF NATIVE AMERICAN ORIGIN, THE DESCENDANTS FROM THE DECEASED NATIVE AMERICANS HAVE
 - MADE A RECOMMENDATION FOR THE MEANS OF TREATING OR DISPOSING, WITH APPROPRIATE DIGNITY, OF THE HUMAN REMAINS AND ANY ASSOCIATED GRAVE GOODS.
- 7) THE LOCATION AND PROTECTION OF ALL UTILITIES IS THE RESPONSIBILITY OF THE PERMITTEE.
- BUILDING OFFICIAL OR A LEGAL DUMPSITE. RECEIPTS FOR THE ACCEPTANCE OF EXCESS MATERIAL BY A DUMPSITE MAY BE REQUIRED AND MUST BE PROVIDED TO THE BUILDING OFFICIAL UPON REQUEST.

B) ALL EXPORT OF MATERIAL FROM THE SITE MUST GO TO A PERMITTED SITE APPROVED BY THE

-) A COPY OF THE GRADING PERMIT AND APPROVED GRADING PLANS MUST IN THE POSSESSION OF A RESPONSIBLE PERSON AND AVAILABLE AT THE SITE AT ALL TIMES.
- 10) SITE BOUNDARIES, EASEMENTS, DRAINAGE DEVICES, RESTRICTED USE AREAS SHALL BE LOCATED PER CONSTRUCTION STAKING BY A FIELD ENGINEER OR LICENSED SURVEYOR. PRIOR TO GRADING, AS REQUESTED BY THE BUILDING OFFICIAL, ALL PROPERTY LINES, EASEMENTS, AND RESTRICTED USE AREAS SHALL BE STAKED.
- 11) NO GRADING OR CONSTRUCTION SHALL OCCUR WITHIN THE PROTECTED ZONE OF ANY OAK TREE AS REQUIRED PER TITLE CHAPTER 22.56 OF THE COUNTY OF LOS ANGELES ZONING CODE. THE PROTECTED ZONE SHALL MEAN THAT AREA WITHIN THE DRIP LINE OF AN OAK TREE EXTENDING THERE FROM A POINT AT LEAST FIVE FEET OUTSIDE THE DRIP LINE, OR 15 FEET FROM THE TRUNK(S) OF A TREE, WHICHEVER IS GREATER.
- 2) THE STANDARD RETAINING WALL DETAILS SHOWN ON THE GRADING PLANS ARE FOR REFERENCE ONLY. STANDARD RETAINING WALLS ARE NOT CHECKED, PERMITTED, OR INSPECTED PER THE GRADING PERMIT. A SEPARATE RETAINING WALL PERMIT IS REQUIRED FOR ALL STANDARD RETAINING WALLS.
- 13) A PREVENTIVE PROGRAM TO PROTECT THE SLOPES FROM POTENTIAL DAMAGE FROM BURROWING RODENTS IS REQUIRED PER SECTION J101.8 OF THE COUNTY OF LOS ANGELES BUILDING CODE. OWNER IS TO INSPECT SLOPES PERIODICALLY FOR EVIDENCE OF BURROWING RODENTS AND AT FIRST EVIDENCE OF THEIR EXISTENCE SHALL EMPLOY AN EXTERMINATOR FOR THEIR REMOVAL.
- 14) IF GRADING AUTHORIZED BY THIS PLAN IS TO EXTEND THROUGH THE RAINY SEASON, NOVEMBER 1 THROUGH APRIL 15 OF THE FOLLOWING YEAR, SEPARATE UPDATED PLANS FOR EROSION CONTROL MUST BE SUBMITTED PRIOR TO OCTOBER PER SECTION J111.3 OF THE COUNTY OF LOS ANGELES BUILDING CODE.
- I 5) TRANSFER OF RESPONSIBILITY: IF THE FIELD ENGINEER, THE SOILS ENGINEER, OR THE ENGINEERING GEOLOGIST OF RECORD IS CHANGED DURING GRADING, THE WORK SHALL BE STOPPED UNTIL THE REPLACEMENT HAS AGREED IN WRITING TO ACCEPT THEIR RESPONSIBILITY WITHIN THE AREA OF TECHNICAL COMPETENCE FOR APPROVAL UPON COMPLETION OF THE WORK. IT SHALL BE THE DUTY OF THE PERMITTEE TO NOTIFY THE BUILDING OFFICIAL IN WRITING OF SUCH CHANGE PRIOR TO THE RECOMMENCEMENT OF SUCH GRADING

INSPECTION NOTES

1) THE PERMITTEE OR HIS AGENT SHALL NOTIFY THE BUILDING OFFICIAL AT LEAST ONE WORKING DAY IN ADVANCE OF REQUIRED INSPECTIONS AT FOLLOWING STAGES OF THE WORK (SECTION J105.7 OF THE BUILDING CODE)

PROJECT DIRECTORY

- A. PRE-GRADE BEFORE THE START OF ANY EARTH DISTURBING ACTIVITY OR CONSTRUCTION. B. INITIAL - WHEN THE SITE HAS BEEN CLEARED OF VEGETATION AND UNAPPROVED FILL HAS BEEN SCARIFIED, BENCHED OR OTHERWISE PREPARED FOR FILL. FILL SHALL NOT BE PLACED PRIOR TO THIS INSPECTION. NOTE: PRIOR TO ANY CONSTRUCTION ACTIVITIES, INCLUDING GRADING, ALL STORM WATER POLLUTION PREVENTION MEASURES INCLUDING EROSION
- C. ROUGH WHEN APPROXIMATE FINAL ELEVATIONS HAVE BEEN ESTABLISHED, DRAINAGE TERRACES, SWALES AND BERMS INSTALLED AT THE TOP OF THE SLOPE, AND THE STATEMENTS
- REQUIRED IN THIS SECTION HAVE BEEN RECEIVED. D. FINAL - WHEN GRADING HAS BEEN COMPLETED, ALL DRAINAGE DEVICES INSTALLED, SLOPE PLANTING ESTABLISHED, IRRIGATION SYSTEMS INSTALLED AND THE AS-BUILT PLANS, REQUIRED STATEMENTS, AND REPORTS HAVE BEEN SUBMITTED AND APPROVED.
- 2) IN ADDITION TO THE INSPECTION REQUIRED BY THE BUILDING OFFICIAL FOR GRADING, REPORTS AND STATEMENTS SHALL BE SUBMITTED TO THE BUILDING OFFICIAL IN ACCORDANCE WITH SECTION J105 OF THE COUNTY OF LOS ANGELES BUILDING CODE.
- 3) UNLESS OTHERWISE DIRECTED BY THE BUILDING OFFICIAL, THE FIELD ENGINEER FOR ALL ENGINEERED GRADING PROJECTS SHALL PREPARE ROUTINE INSPECTION REPORTS AS REQUIRED UNDER SECTION J105.11 OF THE COUNTY OF LOS ANGELES BUILDING CODE. THESE REPORTS, KNOWN AS "REPORT OF GRADING ACTIVITIES", SHALL BE SUBMITTED TO THE **BUILDING OFFICIAL AS FOLLOWS:**
- 1. BI-WEEKLY DURING ALL TIMES WHEN GRADING OF 400 CUBIC YARDS OR MORE PER WEEK IS OCCURRING ON THE SITE;
- 2. MONTHLY, AT ALL OTHER TIMES; AND 3. AT ANY TIME WHEN REQUESTED IN WRITING BY THE BUILDING OFFICIAL.

CONTROL DEVICES WHICH CONTAIN SEDIMENTS MUST BE INSTALLED.

- SUCH "REPORT OF GRADING ACTIVITIES" SHALL CERTIFY TO THE BUILDING OFFICIAL THAT THE FIELD ENGINEER HAS INSPECTED THE GRADING SITE AND RELATED ACTIVITIES AND HAS FOUND THEM IN COMPLIANCE WITH THE APPROVED GRADING PLANS AND SPECIFICATIONS, THE BUILDING CODE, ALL GRADING PERMIT CONDITIONS, AND ALL OTHER APPLICABLE ORDINANCES AND REQUIREMENTS. THIS FORM IS AVAILABLE AT HTTP://DPW.LACOUNTY,GOV/BSD/DG/DEFAULT.ASPX. "REPORT OF GRADING ACTIVITIES"
- MAY BE SCANNED AND UPLOADED AT THE WEBSITE OR FAXED TO (310) 530-5482. FAILURE TO PROVIDE REQUIRED INSPECTION REPORTS WILL RESULT IN A "STOP WORK ORDER". 4) ALL GRADED SITES MUST HAVE DRAINAGE SWALES, BERMS, AND OTHER DRAINAGE DEVICES

INSTALLED PRIOR TO ROUGH GRADING APPROVAL PER SECTION J105.7 OF THE COUNTY OF

- 5) THE GRADING CONTRACTOR SHALL SUBMIT TO THE GRADING INSPECTOR AS REQUIRED BY SECTION J105.12 OF THE COUNTY OF LOS ANGELES BUILDING CODE AT THE COMPLETION OF ROUGH GRADING.
- 6) FINAL GRADING MUST BE APPROVED BEFORE OCCUPANCY OF BUILDINGS WILL BE ALLOWED PER SECTION J105 OF THE COUNTY OF LOS ANGELES BUILDING CODE.

DRAINAGE NOTES

LOS ANGELES BUILDING CODE.

- 1) ROOF DRAINAGE MUST BE DIVERTED FROM GRADED SLOPES.
- 2) PROVISIONS SHALL BE MADE FOR CONTRIBUTORY DRAINAGE AT ALL TIMES.
- 3) ALL STORM DRAIN WORK IS TO BE DONE UNDER CONTINUOUS INSPECTION BY THE FIELD ENGINEER. STATUS REPORTS REQUIRED UNDER NOTE 18 AND SECTION J105.11 OF THE COUNTY OF LOS ANGELES BUILDING CODE SHALL INCLUDE INSPECTION INFORMATION AND REPORTS ON THE STORM DRAIN INSTALLATION.

GEOTECHNICAL GENERAL NOTES

- 1) ALL WORK MUST BE IN COMPLIANCE WITH THE RECOMMENDATIONS INCLUDED IN THE GEOTECHNICAL CONSULTANT'S REPORT(S) AND THE APPROVED GRADING PLANS AND SPECIFICATIONS.
- 2) GRADING OPERATIONS MUST BE CONDUCTED UNDER PERIODIC INSPECTIONS BY THE GEOTECHNICAL CONSULTANTS WITH MONTHLY INSPECTION REPORTS TO BE SUBMITTED TO THE GEOLOGY AND SOILS SECTION. (900 S. FREMONT, ALHAMBRA CA 91803-3RD FLOOR).
- 3) THE SOIL ENGINEER SHALL PROVIDE SUFFICIENT INSPECTIONS DURING THE PREPARATION OF THE NATURAL GROUND AND THE PLACEMENT AND COMPACTION OF THE FILL TO BE SATISFIED THAT THE WORK IS BEING PERFORMED IN ACCORDANCE WITH THE PLAN AND APPLICABLE
- 4) ROUGH GRADING MUST BE APPROVED BY A FINAL ENGINEERING GEOLOGY AND SOILS ENGINEERING REPORT. AN AS-BUILT GEOLOGIC MAP MUST INCLUDED IN THE FINAL GEOLOGY REPORT. PROVIDE A FINAL REPORT STATEMENT THAT VERIFIES WORK WAS DONE IN ACCORDANCE WITH REPORT RECOMMENDATIONS AND CODE PROVISIONS (SECTION J105.12 OF THE COUNTY OF LOS ANGELES BUILDING CODE). THE FINAL REPORT(S) MUST BE SUBMITTED TO THE GEOTECHNICAL AND MATERIALS ENGINEERING DIVISION FOR REVIEW AND
- 5) FOUNDATION, WALL AND POOL EXCAVATIONS MUST BE INSPECTED AND APPROVED BY THE CONSULTING GEOLOGIST AND SOIL ENGINEER, PRIOR TO THE PLACING OF STEEL OR
- 6) BUILDING PADS LOCATED IN CUT/FILL TRANSITION AREAS SHALL BE OVER-EXCAVATED A MINIMUM OF THREE (3) FEET BELOW THE PROPOSED BOTTOM OF FOOTING.

FILL NOTES

- 1) ALL FILL SHALL BE COMPACTED TO THE FOLLOWING MINIMUM RELATIVE COMPACTION
- A. 90 PERCENT OF MAXIMUM DRY DENSITY WITHIN 40 FEET BELOW FINISH GRADE. B. 93 PERCENT OF MAXIMUM DRY DENSITY DEEPER THAN 40 FEET BELOW FINISH GRADE, UNLESS A LOWER RELATIVE COMPACTION
- (NOT LESS THAN 90 PERCENT OF MAXIMUM DRY DENSITY) IS JUSTIFIED BY THE GEOTECHNICAL ENGINEER. (SECTION J107.5 OF THE COUNTY OF LOS ANGELES BUILDING CODE.)
- THE RELATIVE COMPACTION SHALL BE DETERMINED BY A.S.T.M. SOIL COMPACTION TEST D1557-91 WHERE APPLICABLE: WHERE NOT APPLICABLE, A TEST ACCEPTABLE TO THE BUILDING OFFICIAL SHALL
- 2) FIELD DENSITY SHALL BE DETERMINED BY A METHOD ACCEPTABLE TO THE BUILDING OFFICIAL. (SECTION J107.5 OF THE COUNTY OF LOS ANGELES BUILDING CODE.) HOWEVER, NOT LESS THAN 10% OF THE REQUIRED DENSITY TEST, UNIFORMLY DISTRIBUTED, AND SHALL BE OBTAINED BY THE SAND CONE METHOD.
- 3) SUFFICIENT TESTS OF THE FILL SOILS SHALL BE MADE TO DETERMINE THE RELATIVE COMPACTION OF THE FILL IN ACCORDANCE WITH THE FOLLOWING MINIMUM
- A.ONE TEST FOR EACH TWO-FOOT VERTICAL LIFT.
- B. ONE TEST FOR EACH 1,000 CUBIC YARDS OF MATERIAL PLACED. C.ONE TEST AT THE LOCATION OF THE FINAL FILL SLOPE FOR EACH
- BUILDING SITE (LOT) IN EACH FOUR-FOOT VERTICAL LIFT OR PORTION THEREOF. D. ONE TEST IN THE VICINITY OF EACH BUILDING PAD FOR EACH VERTICAL LIFT OR PORTION THEREOF.
- 4) SUFFICIENT TESTS OF FILL SOILS SHALL BE MADE TO VERIFY THAT THE SOIL PROPERTIES COMPLY WITH THE DESIGN REQUIREMENTS, AS DETERMINED BY THE SOIL ENGINEER INCLUDING SOIL TYPES, SHEAR STRENGTH PARAMETERS AND CORRESPONDING UNIT
- WEIGHTS IN ACCORDANCE WITH THE FOLLOWING GUIDELINES: A. PRIOR AND SUBSEQUENT TO PLACEMENT OF THE FILL, SHEAR TESTS SHALL BE TAKEN ON EACH TYPE OF SOIL OR SOIL MIXTURE TO BE USED FOR ALL FILL SLOPES STEEPER THAN THREE (3) HORIZONTAL TO

C. FILL SOILS SHALL BE FREE OF DELETERIOUS MATERIALS.

- B. SHEAR TEST RESULTS FOR THE PROPOSED FILL MATERIAL MUST MEET OR EXCEED THE DESIGN VALUES USED IN THE GEOTECHNICAL REPORT TO DETERMINE SLOPE STABILITY REQUIREMENTS. OTHERWISE, THE SLOPE MUST BE REEVALUATED USING THE ACTUAL SHEAR TEST VALUE OF THE FILL MATERIAL THAT IS IN PLACE.
- 5) FILL SHALL NOT BE PLANTED UNTIL STRIPPING OF VEGETATION, REMOVAL OF UNSUITABLE SOILS, AND INSTALLATION OF SUBDRAIN (IF ANY) HAVE BEEN INSPECTED AND APPROVED BY THE SOIL ENGINEER. THE BUILDING OFFICIAL MAY REQUIRE A "STANDARD TEST METHOD FOR MOISTURE, ASH, ORGANIC MATTER, PEAT OR OTHER ORGANIC SOILS" ASTM D-2974-87 ON ANY SUSPECT MATERIAL. DETRIMENTAL AMOUNTS OF ORGANIC MATERIAL SHALL NOT BE PERMITTED IN FILLS. SOIL CONTAINING SMALL AMOUNTS OF ROOTS MAY BE ALLOWED PROVIDED THAT THE ROOTS ARE IN A QUANTITY AND DISTRIBUTED IN A MANNER THAT WILL NOT BE DETRIMENTAL TO THE FUTURE USE OF THE SITE AND THE SOILS ENGINEER APPROVES THE USE OF SUCH MATERIAL.
- 6) ROCK OR SIMILAR MATERIAL GREATER THAN 12 INCHES IN DIAMETER SHALL NOT BE PLACED IN THE FILL UNLESS RECOMMENDATIONS FOR SUCH PLACEMENTS HAVE BEEN SUBMITTED BY THE SOIL ENGINEER AND APPROVED IN ADVANCE BY THE BUILDING OFFICIAL. LOCATION, EXTENT, AND ELEVATION OR ROCK DISPOSAL AREAS MUST BE SHOWN ON AN "AS BUILT" GRADING PLAN.
- 7) CONTINUOUS INSPECTION BY THE SOIL ENGINEER, OR A RESPONSIBLE REPRESENTATIVE, SHALL BE PROVIDED DURING ALL FILL PLACEMENT AND COMPACTION OPERATIONS WHERE FILLS HAVE A DEPTH GREATER THAN 30 FEET OR SLOPE SURFACE STEEPER THAN 2:1. (SECTION OF THE COUNTY OF LOS ANGELES BUILDING CODE).
- 8) CONTINUOUS INSPECTION BY THE SOIL ENGINEER, OR A RESPONSIBLE REPRESENTATIVE, SHALL BE PROVIDED DURING ALL SUBDRAIN INSTALLATION. (SECTION OF J107.2 OF THE COUNTY OF LOS ANGELES BUILDING CODE.)
- 9) ALL SUBDRAIN OUTLETS ARE TO BE SURVEYED FOR LINE AND ELEVATION. SUBDRAIN INFORMATION MUST BE SHOWN ON AN "AS BUILT" GRADING PLAN.
- 10) FILL SLOPES IN EXCESS OF 2:1 STEEPNESS RATIO ARE TO BE CONSTRUCTED BY THE PLACEMENT OF SOIL AT SUFFICIENT DISTANCE BEYOND THE PROPOSED FINISH SLOPE TO ALLOW COMPACTION EQUIPMENT TO BE OPERATED AT THE OUTER LIMITS OF THE FINAL SLOPE SURFACE. THE EXCESS FILLS TO BE REMOVED PRIOR TO COMPLETION OF ROUGH GRADING. OTHER CONSTRUCTION PROCEDURES MAY BE USED WHEN IT IS DEMONSTRATED TO THE SATISFACTION OF THE BUILDING OFFICIAL THAT THE ANGLE OF SLOPE, CONSTRUCTION METHOD AND OTHER FACTS WILL HAVE EQUIVALENT EFFECT. (SECTION J107.5 OF THE COUNTY OF LOS ANGELES BUILDING CODE.)

- 1) PLANTING AND IRRIGATION ON GRADED SLOPES MUST COMPLY WITH THE FOLLOWING
- THAN 3 FEET IN HEIGHT SHALL BE PROTECTED AGAINST DAMAGE BY EROSION BY PLANTING WITH GRASS OR GROUNDCOVER PLANTS. SLOPES EXCEEDING 15 FEET IN VERTICAL HEIGHT SHALL BE PLANTED WITH SHRUBS, SPACED AT NOT TO EXCEED 10 FEET ON CENTERS, OR TREES, SPACED AT NOT TO EXCEED 20 FEET ON CENTERS, OR A COMBINATION OF SHRUBS AND TREES AT EQUIVALENT SPACING, IN ADDITION TO THE GRASS OR GROUNDCOVER PLANTS. THE PLANTS SELECTED AND PLANTING METHODS USED SHALL BE SUITABLE FOR THE SOIL AND CLIMATIC CONDITIONS OF THE SITE. PLANT MATERIAL SHALL BE SELECTED WHICH WILL PRODUCE A COVERAGE OF PERMANENT PLANTING EFFECTIVELY CONTROLLING EROSION. CONSIDERATION SHALL BE GIVEN TO DEEP-ROOTED PLANTING MATERIAL NEEDING LIMITED
- SUSCEPTIBILITY AND FIRE-RETARDANT CHARACTERISTICS. (SECTION J110.3 OF THE COUNTY OF LOS ANGELES BUILDING CODE.)
- NOTE: PLANTING MAY BE MODIFIED FOR THE SITE IF SPECIFIC RECOMMENDATIONS ARE PROVIDED BY BOTH THE SOILS ENGINEER AND A LANDSCAPE ARCHITECT. SPECIFIC RECOMMENDATIONS MUST CONSIDER SOILS AND CLIMATIC CONDITIONS, IRRIGATION REQUIREMENTS, PLANTING METHODS, FIRE RETARDANT CHARACTERISTICS, WATER EFFICIENCY, MAINTENANCE NEEDS, AND OTHER REGULATORY REQUIREMENTS. RECOMMENDATIONS MUST INCLUDE A FINDING THAT THE ALTERNATIVE PLANTING WILL PROVIDE A PERMANENT AND EFFECTIVE METHOD OF EROSION CONTROL.
- B. SLOPES REQUIRED TO BE PLANTED SHALL BE PROVIDED WITH AN APPROVED SYSTEM OF IRRIGATION THAT IS DESIGNED TO COVER ALL PORTIONS OF THE SLOPE. IRRIGATION SYSTEM PLANS SHALL BE SUBMITTED AND APPROVED PRIOR TO INSTALLATION. A FUNCTIONAL TEST OF THE SYSTEM MAY BE REQUIRED. FOR SLOPES LESS THAN 20 FEET IN VERTICAL HEIGHT, HOSE BIBS TO PERMIT HAND WATERING WILL BE ACCEPTABLE IF SUCH HOSE BIBS ARE INSTALLED AT CONVENIENTLY ACCESSIBLE LOCATIONS WHERE A HOSE NO LONGER THAN 50 FEET IS NECESSARY FOR IRRIGATION. THE REQUIREMENTS FOR PERMANENT IRRIGATION SYSTEMS MAY BE MODIFIED UPON SPECIFIC RECOMMENDATION OF A LANDSCAPE ARCHITECT OR EQUIVALENT AUTHORITY THAT, BECAUSE OF THE TYPE OF PLANTS SELECTED, THE PLANTING METHODS USED AND THE SOIL AND CLIMATIC CONDITIONS AT THE SITE, IRRIGATION WILL NOT BE NECESSARY FOR
- (SECTION J110.4 OF THE COUNTY OF LOS ANGELES BUILDING CODE.) C. OTHER GOVERNMENTAL AGENCIES MAY HAVE ADDITIONAL REQUIREMENTS FOR LANDSCAPING AND IRRIGATION. IT IS THE RESPONSIBILITY OF THE APPLICANT TO COORDINATE WITH OTHER AGENCIES TO MEET THEIR REQUIREMENTS WHILE
- 2) THE PLANTING AND IRRIGATION SYSTEMS SHALL BE INSTALLED AS SOON PRACTICAL AFTER ROUGH GRADING. PRIOR TO FINAL GRADING APPROVAL ALL REQUIRED SLOPE PLANTING MUST BE WELL ESTABLISHED.
- 3) LANDSCAPE IRRIGATION SYSTEM SHALL BE DESIGNED AND MAINTAINED TO PREVENT
- 4) PRIOR TO ROUGH GRADE APPROVAL THIS PROJECT REQUIRES A LANDSCAPE PERMIT. LANDSCAPE PLANS IN COMPLIANCE WITH THE "MODEL WATER EFFICIENT LANDSCAPE ORDINANCE" TITLE 23, CHAPTER 2.7 OF THE CALIFORNIA CODE OF REGULATIONS (AB 1881) MUST BE SUBMITTED TO THE DEPARTMENT OF PUBLIC WORKS, LAND DEVELOPMENT DIVISION. (900 S. FREMONT AVE, ALHAMBRA - 3RD FLOOR, CA 91803 (626) 458-4921). TO OBTAIN LANDSCAPE PERMIT APPROVED PLANS AND WATER PURVEYOR ACKNOWLEDGEMENT FORM MUST BE SUBMITTED TO THE LOCAL BUILDING AND SAFETY

AGENCY NOTES

-) AN ENCROACHMENT PERMIT FROM THE COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS IS REQUIRED FOR ALL WORK WITHIN OR AFFECTING ROAD RIGHT OF WAY. ALL WORK WITHIN ROAD RIGHT OF WAY SHALL CONFORM TO COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS ENCROACHMENT PERMIT.
- 2) AN ENCROACHMENT PERMIT/CONNECTION PERMIT IS REQUIRED FROM THE COUNTY LOS ANGELES FLOOD CONTROL DISTRICT RIGHT OF WAY. ALL WORK SHALL CONFORM TO CONDITIONS SET BY THE PERMIT.
- 3) PERMISSION TO OPERATE IN VERY HIGH FIRE HAZARD SEVERITY ZONE MUST BE OBTAINED FROM THE FIRE PREVENTION BUREAU OF THE LOCATION FIRE STATION PRIOR TO COMMENCING WORK.
- 4) ALL CONSTRUCTION/DEMOLITION, GRADING, AND STORAGE OF BULK MATERIALS MUST COMPLY WITH THE LOCAL AQMD RULE 403 FOR FUGITIVE DUST. INFORMATION

PLANTING AND IRRIGATION NOTES

- A. THE SURFACE OF ALL CUT SLOPES MORE THAN 5 FEET IN HEIGHT AND FILL SLOPES MORE
- WATERING, MAINTENANCE, HIGH ROOT TO SHOOT RATIO, WIND
- MODIFICATIONS TO PLANING MUST BE APPROVED BY THE BUILDING OFFICIAL PRIOR TO INSTALLATION.
- THE MAINTENANCE OF THE SLOPE PLANTING.
- MAINTAINING COMPLIANCE WITH THE COUNTY OF LOS ANGELES BUILDING CODE.

(SECTION J110.7 OF THE COUNTY OF LOS ANGELES BUILDING CODE).

- SPRAY ON STRUCTURES. (TITLE 31, SECTION 5.407.2.1).
- OF LOS ANGELES FLOOD CONTROL DISTRICT FOR ALL WORK WITHIN THE COUNTY OF
- ON RULE 403 IS AVAILABLE AT AQMD'S WEBSITE HTTP://WWW.AVAGMD.COM.

PROJECT INFORMATION

GENERAL NOTES

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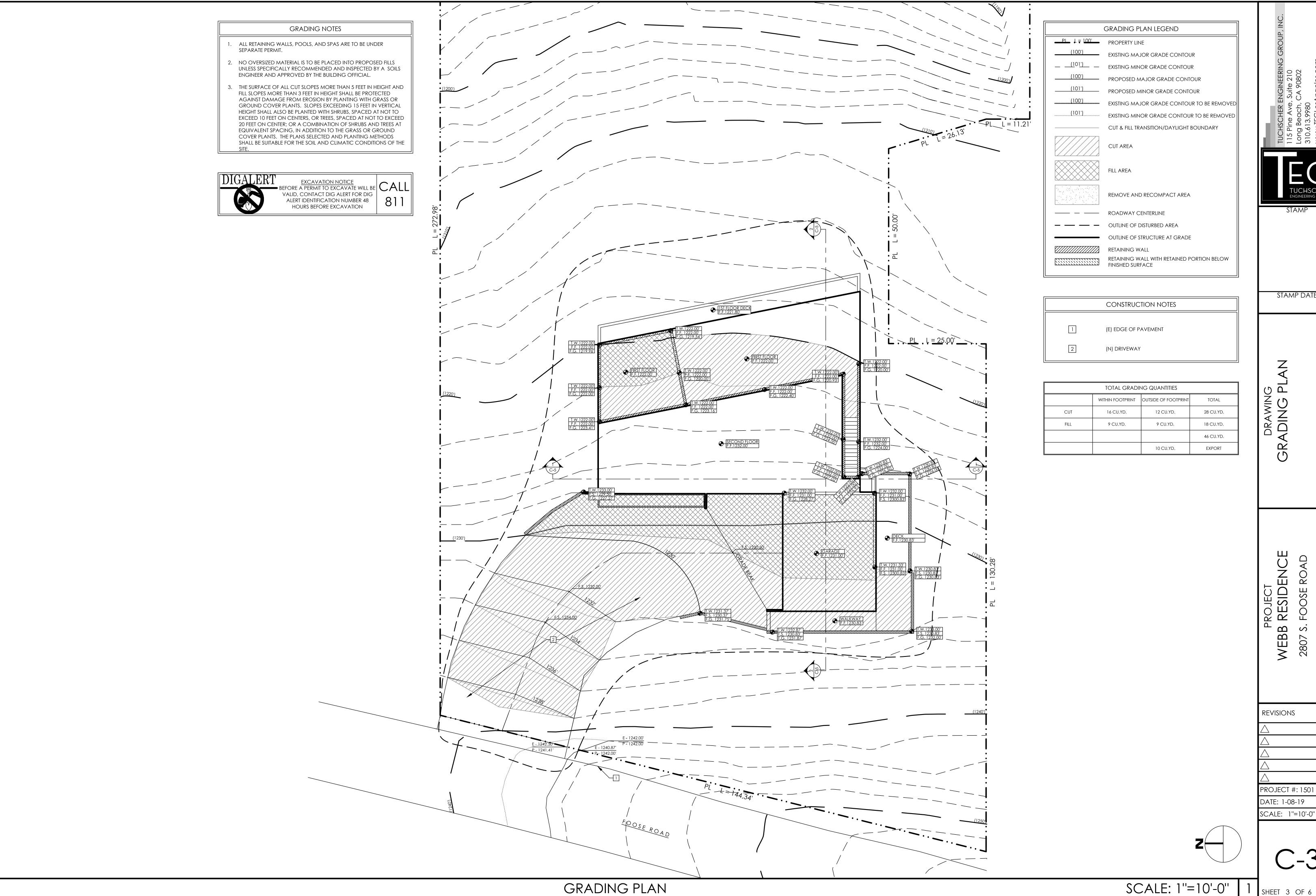
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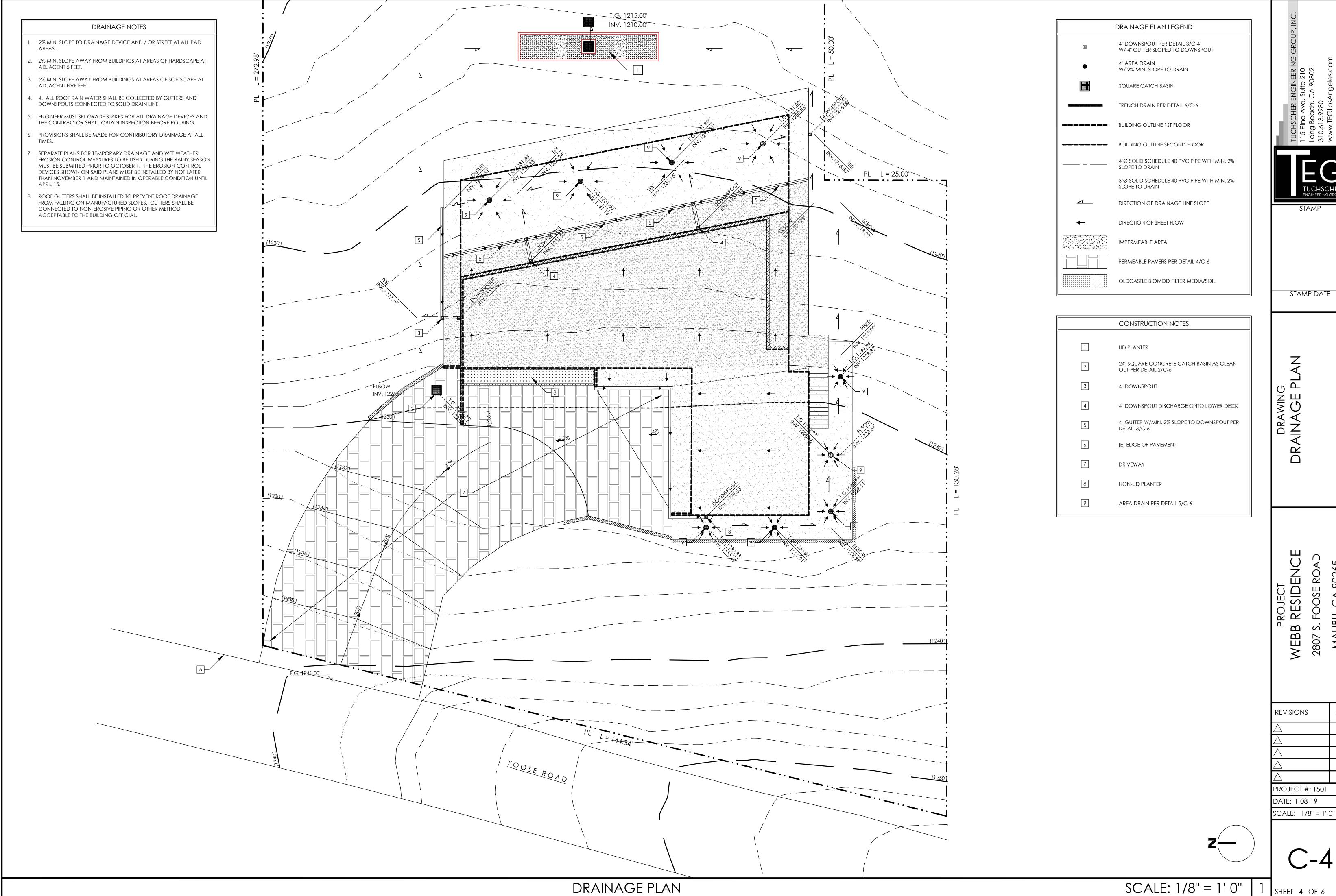
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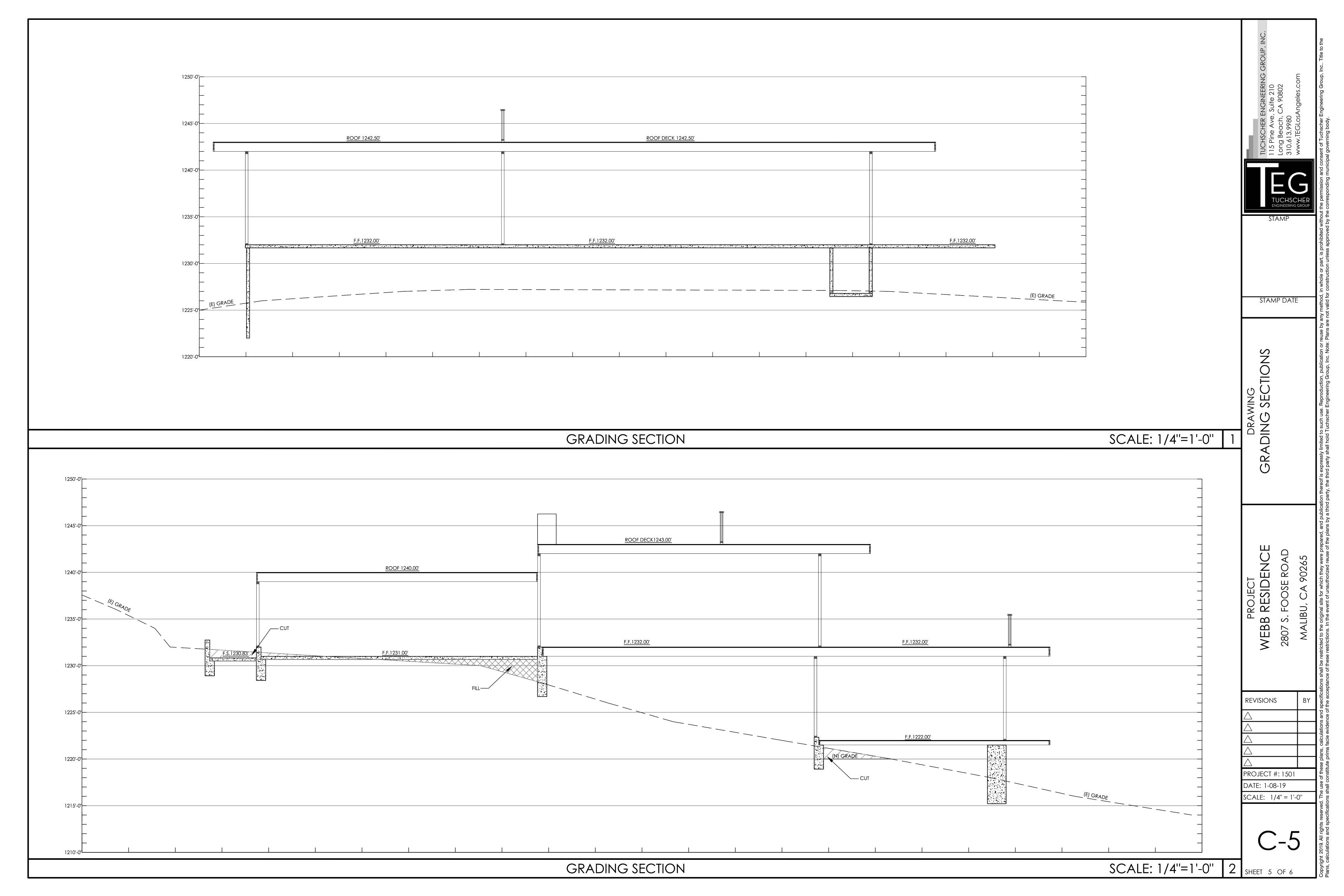




STAMP DATE

SCALE: 1"=10'-0"





EROSION CONTROL NOTES

- 1. ALL CONSTRUCTION DEBRIS MUST BE CONTAINERIZED AT ALL TIMES.
- 2. DUST CONTROL MEASURES SHALL BE MAINTAINED THROUGHOUT THE DURATION OF THE PROJECT.
- 3. PLANNING CONSIDERATION: PRESERVATION OF EXISTING VEGETATION MINIMIZES THE POTENTIAL OR REMOVING OR INJURING EXISTING TREES, VINES, SHRUBS, AND/OR GRASSES THAT SERVE AS EROSION CONTROLS.

EROSION AND SEDIMENT CONTROL PLAN STATEMENT

AS THE PROJECT OWNER OR AUTHORIZED AGENT OF THE OWNER, "I CERTIFY THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE INFORMATION SUBMITTED IS TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT SUBMITTING FALSE AND/OR INACCURATE INFORMATION, FAILING TO UPDATE THE LOCAL ESCP TO REFLECT CURRENT CONDITIONS, OR FAILING TO PROPERLY AND/OR ADEQUATELY IMPLEMENT THE LOCAL ESCP MAY RESULT IN REVOCATION OF GRADING AND/OR OTHER PERMITS OR OTHER SANCTIONS PROVIDED BY LAW".

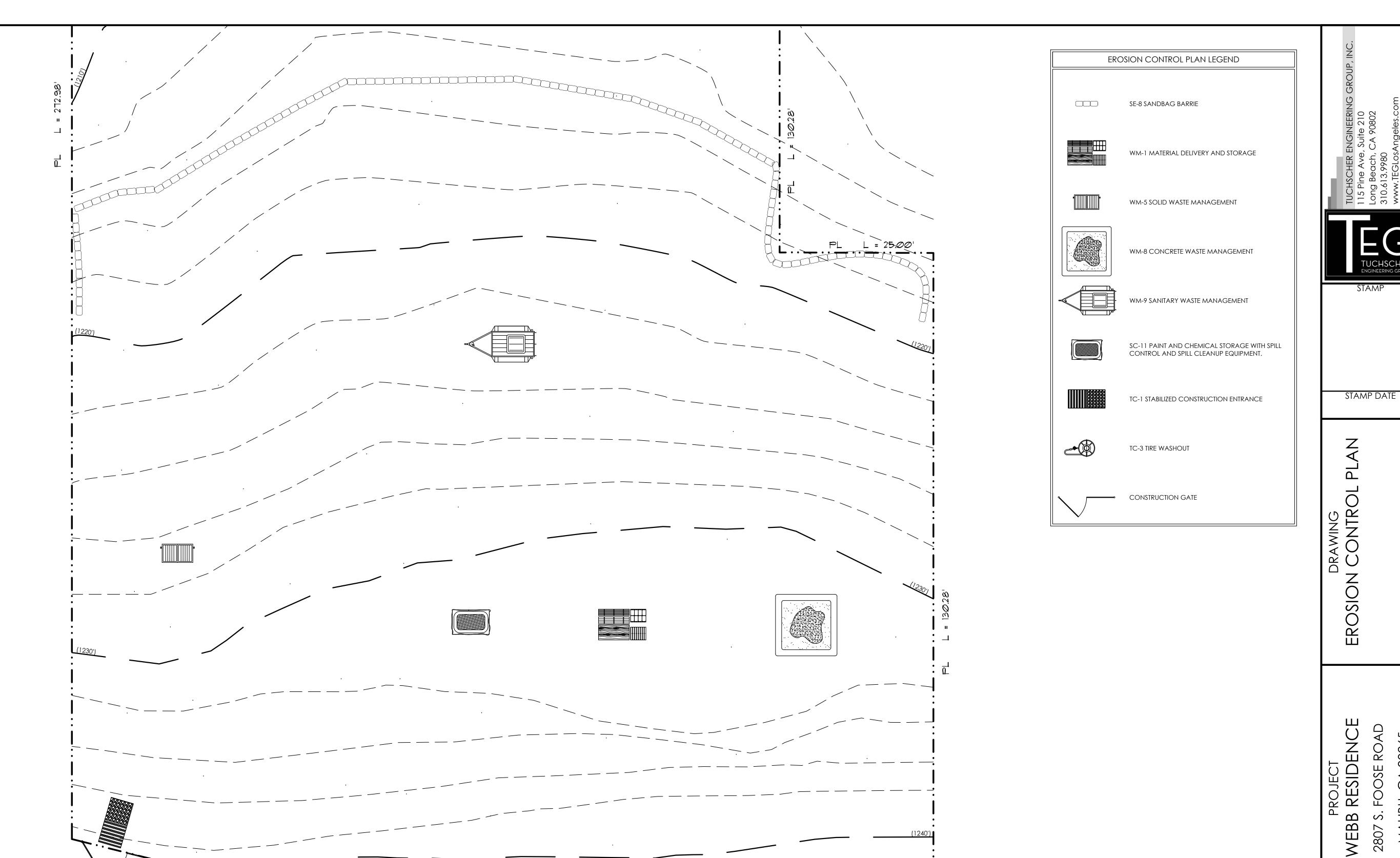
SIGNATURE OF OWNER OR OWNER'S AGENT DATE

EMERGENCY CONTACT INFORMATION

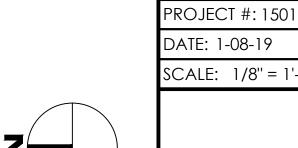
A "STANDBY EMERGENCY CREW" SHALL BE ALERTED BY THE DEVELOPER OR CONTRACTOR TO PERFORM EMERGENCY WORK DURING RAINSTORMS. THE PARTY TO BE CONTACTED IS:

NAME:

TELEPHON



EROSION CONTROL PLAN



EC-1

REVISIONS

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