
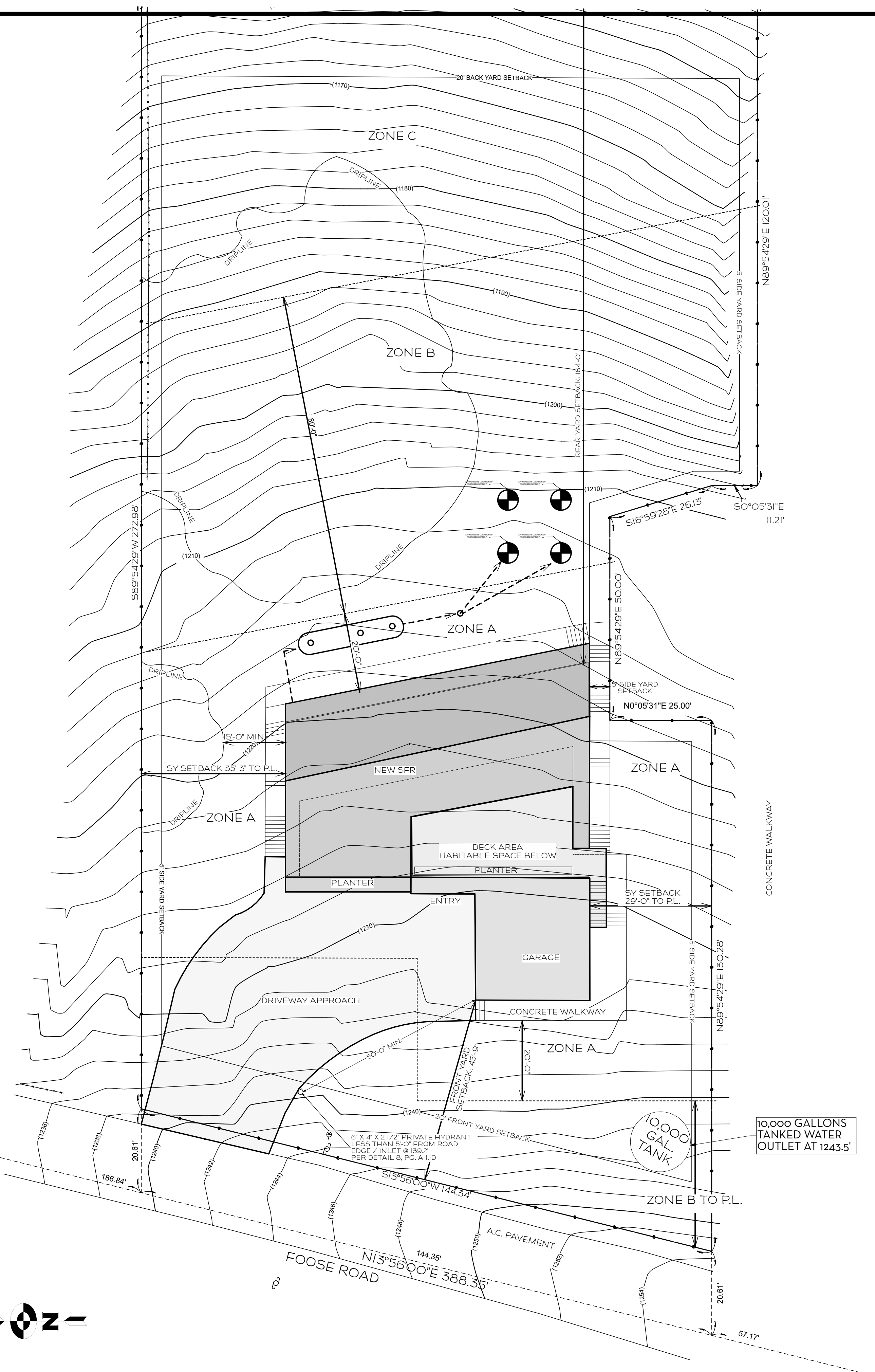


2 OWTS SITE PLAN



1 **SITE PLAN**
SCALE: 1/16" = 1'-0"



NO VEHICLE GATES ARE
EXISTING OR PROPOSED.

VITUS MATARÉ & ASSOCIATES, INC.
P.O. BOX 1204, MALIBU, CA 90265 310.377.0700
info@vitusmatare.com



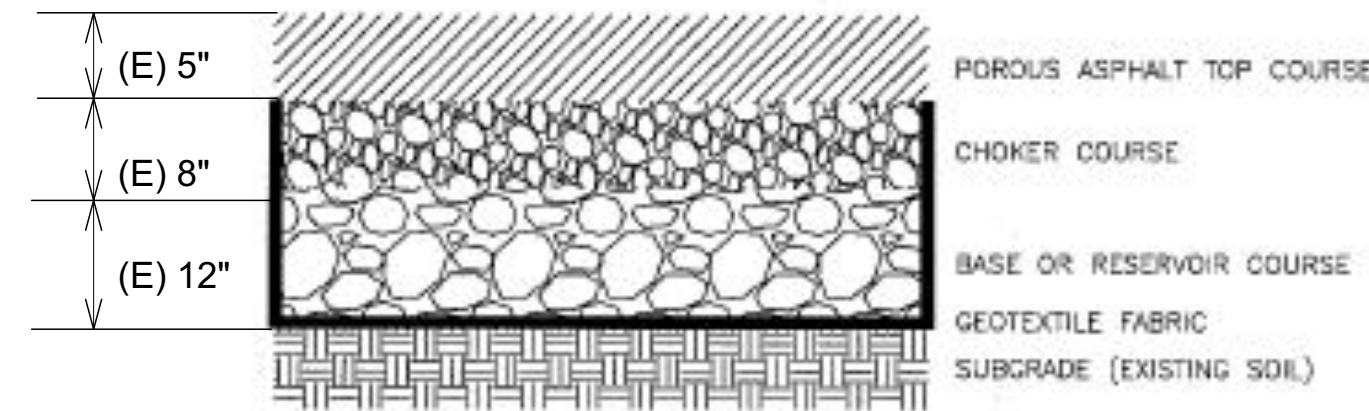
WEBB RESIDENCE
2807 FOOSE ROAD
CITY OF MALIBU, LOS ANGELES COUNTY, CA. 90265
SITE PLAN

PN
4472-025-052

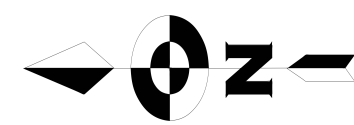
PLANNING DESIGN TECHNICAL COORDINATION PERMIT PROCESSING

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MARK	DATE	DESCRIPTION
PROJECT NO:		
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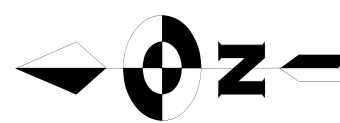
A-1.1



1. 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
2. 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.
3. 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.
4. THE FIRE APPARATUS ACCESS ROADS AND DESIGNATED FIRE LANES ARE MEASURED FROM FLOW LINE TO FLOW LINE.
5. 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.I & 503.2.I
 - A. EXCEPTION: A MINIMUM VERTICAL CLEARANCE OF 13 FEET 6 INCHES MAY BE ALLOWED FOR PROTECTED TREE SPECIES ADJACENT TO ACCESS ROADS.
6. 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.I
7. 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
8. FIRE APPARATUS ACCESS ROADS SHALL BE PROVIDED WITH A 32 FOOT CENTERLINE TURNING RADIUS. FIRE CODE 503.2.4
9. FIRE APPARATUS ACCESS ROADS SHALL BE 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
10. 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
11. 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
12. 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 DEVICES, 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
14. TRAFFIC CALMING DEVICES, INCLUDING BUT NOT LIMITED TO, SPEED BUMPS AND SPEED HUMPS, SHALL BE PROHIBITED UNLESS APPROVED BY THE FIRE CODE OFFICIAL. FIRE CODE 503.4.I
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.I
16. 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 525. 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 CODE 903 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: 903.3.1.I, 903.3.1.2, 903.3.1.3
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 PROTECT THE THREADS. LACOFD REGULATION #26
20. THE 2 1/2" DRAFT HYDRANT OUTLET SHALL BE LOCATED 14 TO 24 INCHES ABOVE FINISHED GRADE, AS MEASURED FROM THE MIDDLE OF THE OUTLET. LACOFD REGULATION #26
21. 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 EXISTING WATER MAIN OF A WATER PURVEYOR MAY PROVIDE AN ON-SITE WATER SUPPLY, WHEN APPROVED BY THE FIRE CODE OFFICIAL IN ACCORDANCE WITH NFPA 1142 OR NFPA 13. 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 EXISTING 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 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.
26. HYDRANT REQUIREMENTS:
 - 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 DEPARTMENT OPERATIONS.



SCALE: 1/16" = 1'-0"



SCALE: 1" = 100'

THE IDEAS, DESIGN ARRANGEMENTS, DRAWINGS, SPECIFICATIONS AND OTHER DOCUMENTS PREPARED BY WYJUT, WATARE & ASSOCIATES, INC. (WYJUT) FOR THIS PROJECT ARE INSTRUMENTS OF WYJUT'S SERVICE FOR USE SOLELY WITH RESPECT TO THIS PROJECT, AND WYJUT SHALL BE DEEMED THE AUTHOR OF THESE DOCUMENTS AND SHALL RETAIN THE RIGHTS TO REUSE THEM IN THE FUTURE. ANY REUSE OF THESE DOCUMENTS WITHOUT WYJUT'S WRITTEN PERMISSION SHALL BE AT THE USER'S SOLE RISK AND WITHOUT LIABILITY TO WYJUT.

[illegible]

WEBB RESIDENCE
2807 FOOSE ROAD
CITY OF MALIBU, LOS ANGELES COUNTY, CA. 90265
ACCESS ROAD SECTIONS

APN
4472-025-052

PLANNING DESIGN TECHNICAL COORDINATION PERMIT PROCESSING

PROJECT NO.
MODEL FILE:
DRAWN BY:

A-1.1c

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 Brea, 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!

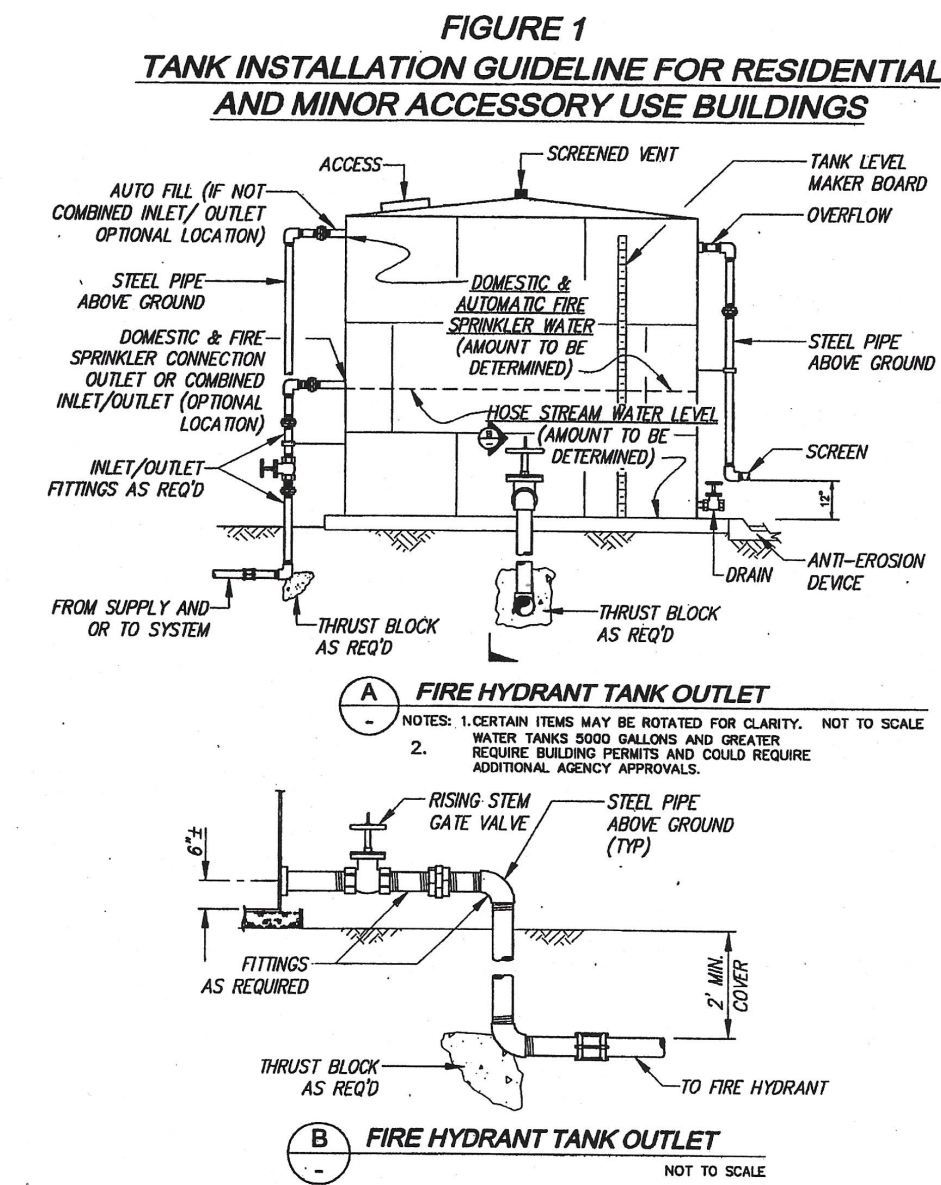
Black and Dark Green are the most popular Plastic Water Storage Tank colors, therefore we take our Dark Green and Black material through an extra process called "Compounding". The Compounding process adds pigment at a high enough and even enough concentration to completely block UV Rays. Although it 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.

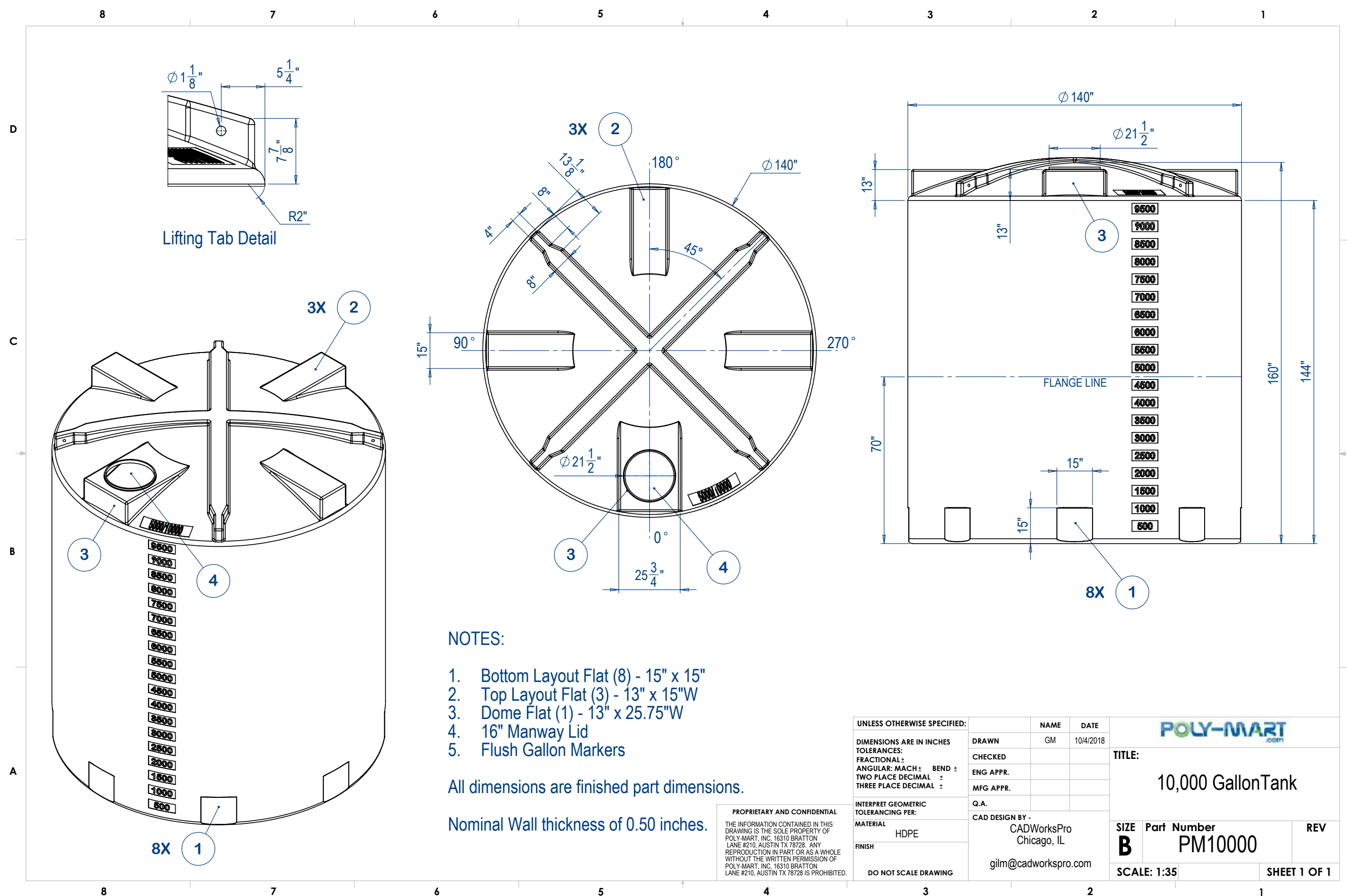
***All Tanks of all colors are BPA-Free and manufactured with resin that complies with U.S. Food and Drug Administration regulation 21CFR 177.1520 (1) 3.1 and 3.2 for storage of potable water.**

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
1500 lbs.
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
4 Tie Down Lugs



Rev. Jan 1, 2008 Standard 14.5.1 Page 8 of 13




NOTES:

1. Bottom Layout Flat (8) - 15" x 15"
2. Top Layout Flat (3) - 13" x 15"W
3. Dome Flat (1) - 13" x 25.75"W
4. 16" Manway Lid
5. Flush Gallon Markers

All dimensions are finished part dimensions.

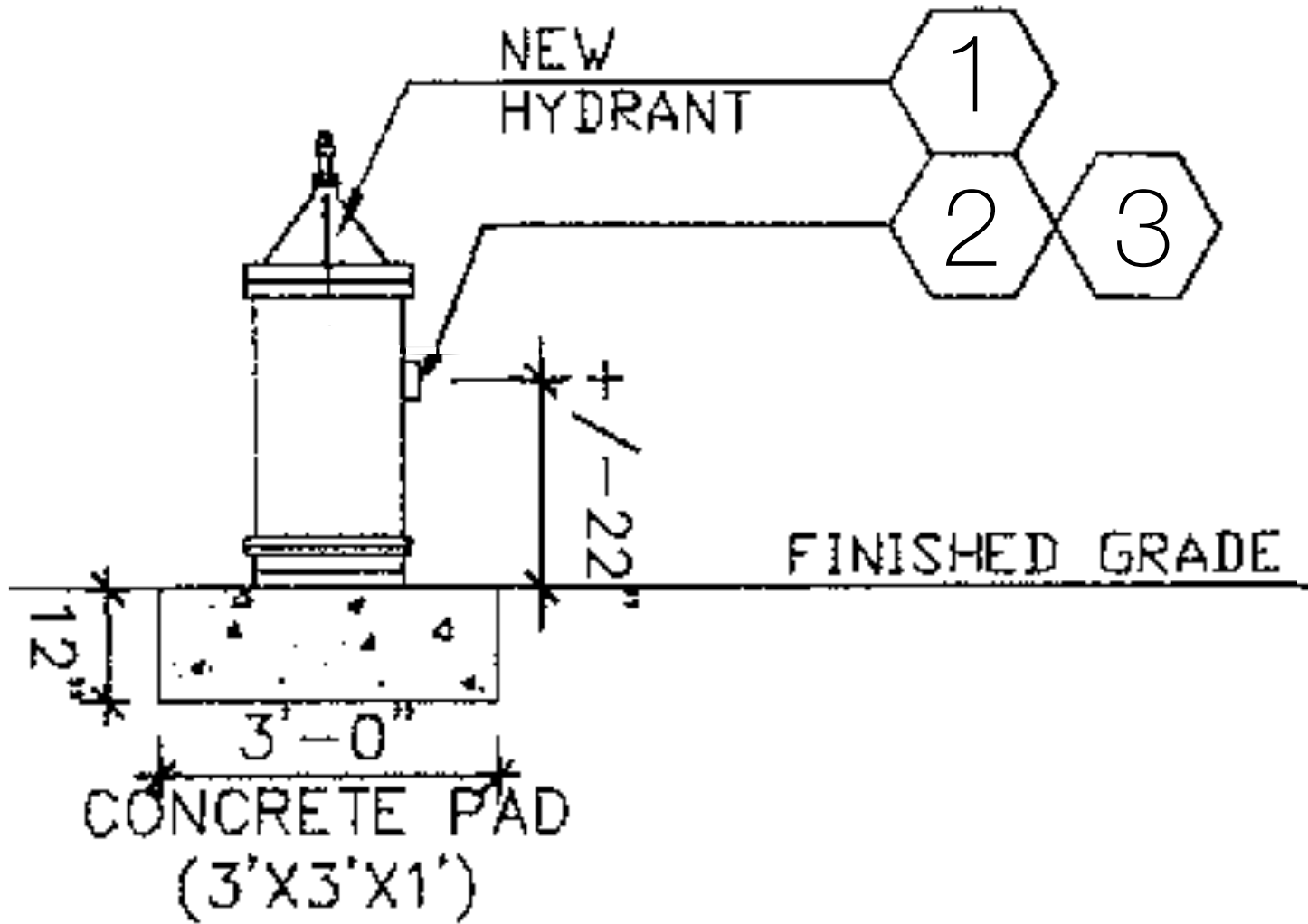
Nominal Wall thickness of 0.50 inches

DIMENSIONS ARE IN INCHES UNLESS NOTED OTHERWISE SPECIFIED: TOLERANCES: ANGULAR MATCH: ± .010 TWO PLACE DECIMAL THREE PLACE DECIMAL ± .001 INTERPRET GEOMETRIC TOLERANCING PER ASME Y14.5-2009 MATERIAL: HOPE FINISH:		NAME: GM DATE: 04/20/18 DRAWN: GM CHECKED: ENG APPR: MFG APPR: Q.A. CAD DESIGN BY: CADWorksPro Chicago, IL gim@cadworkspro.com	 TITLE: <div style="font-size: 2em; text-align: center;">10,000 GallonTank</div> SIZE Part Number REV <div style="text-align: center; font-size: 1.5em;">B PM10000</div> SCALE: 1:35 SHEET 1 OF 1
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POLY-MART PM#10000 (10,000 GALLON) U.S. FDA COMPLIANT WATER TANK

- 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.

1. 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
2. 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.



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

COUNTY OF LOS ANGELES FIRE DEPARTMENT
FIRE PREVENTION DIVISION

REV 04/03

WATER TANK INSTALLATION STANDARD

WATER STORAGE TANK

DOMESTIC WATER STORAGE

REQUIRED FIRE FLOW WATER STORAGE

REQUIRED BY WWW.CITYOFLOSANGELES.COM

4 INCH PIPE

ALL-WEATHER ACCESS ROADWAY

20 feet

NOTE: PIPING MUST BE METAL OR PLASTIC MINIMUM SCHEDULE 40. EXPOSED PIPING MUST BE METAL.

2) HYDRANT OUTLET IS TO BE INSTALLED 14" TO 24" ABOVE GROUND.

3) HYDRANT OUTLET IS TO BE 2 1/2" NATIONAL STANDARD THREAID.

47" PIPE

3) HYDRANT SHALL NOT BE MORE THAN 6 FEET FROM EDGE OF ROADWAY OR DRIVEWAY.

4) HYDRANT IS TO BE BETWEEN 25' TO 150' FROM STRUCTURE VIA-ROADWAY ACCESS.

PIPE SIZE FROM 1" TO THE STRUCTURE IS DETERMINED BY REQUIRED SPRINKLER FLOW AND DOMESTIC FLOW.

PIPE SIZE FROM 1" TO THE STRUCTURE IS DETERMINED BY REQUIRED SPRINKLER FLOW AND DOMESTIC FLOW.

DOMESTIC WATER STORAGE

FIRE SPRINKLER SUPPLY

CONTROL VALVE

PUMP

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:

- The tank shall have a connection to a supply source to refill the tank system automatically.
- 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.
- Water tanks must be in good condition and constructed of steel, redwood, concrete or approved UV protected plastic.
- 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.
- 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.
- 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.
- 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 tank.

2 TANK INSTALLATION DETAILS

3

VITUS MATARÉ & ASSOCIATES, INC.
P.O. BOX 1204, MALIBU, CA 90265 310.317.0700

KE & ASSOCIATES, INC.
MALIBU, CA 90265 310.317.0700
info@virtuemart.org



PLANNING DESIGN TECHNICAL COORDINATION PERMIT PROCESSING

APN
4472-025-052

WEBB RESIDENCE
2807 FOOSE ROAD
CITY OF MALIBU, LOS ANGELES COUNTY, CA. 90265
R STORAGE DETAILS

WATER STORAGE DETAILS

8	7-20-23	VM
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MARK	DATE	DESCRIPTION

PROJECT NO:
MODEL FILE:
DRAWN BY:

A-1.1d

SHEET 6

OF 31

THE IDEAS DESIGN ARRANGEMENTS, DRAWINGS, SPECIFICATIONS AND OTHER DOCUMENTS PREPARED BY VITUS MATHÉ + ASSOCIATES INC. (VMA) FOR THIS PROJECT ARE INSTRUMENTS OF VMA'S SERVICE FOR USE SOLELY WITH RESPECT TO THIS PROJECT AND VMA SHALL BE DEEMED THE AUTHOR OF THESE DOCUMENTS AND SHALL RETAIN ALL COMMON LAW STATUTORY AND OTHER RESERVED RIGHTS, INCLUDING THE COPYRIGHT, THE IDEAS, DESIGN ARRANGEMENTS, DRAWINGS, SPECIFICATIONS AND OTHER DOCUMENTS SHALL NOT BE USED BY OR DISCLOSED TO A THIRD PARTY FOR ANY PURPOSE WITHOUT THE PERMISSION OF VITUS MATHÉ + ASSOCIATES INC.

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:

- The tank shall have a connection to a supply source to refill the tank system automatically.
- 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.
- Water tanks must be in good condition and constructed of steel, redwood, concrete or approved UV protected plastic.
- 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.
- 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.
- 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.
- The water tank low level alarm shall be permanently affixed to the tank and the level that the alarm sounds shall not be adjustable.
- Tanks shall be located aboveground and shall have a visual sight gauge to indicate the water level in the tank.

Supply piping requirements:

- 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.
- A minimum 4" piping shall be used to supply the hydrant.
- The pipe may be plastic, but only where buried. Pipe exposed to sunlight or above grade shall be protected metal.
- The depth of bury for underground pipe shall be a minimum of 30" with a minimum of 36" where subject to vehicular travel.
- Piping, thrust blocks, rodding, or approved retaining glands shall be provided per NFPA 13 and NFPA 24.
- Tanks shall be located on the subject property. Supply piping shall not cross property lines.

3. Hydrant requirements:

- A single 2½" male National Standard Thread outlet shall be provided whenever a tank is installed.
- 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.
- The hydrant outlet shall be between 50 and 150 feet from the closest point of the structure measured via vehicular access.
- 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.
- The hydrant outlet shall be located 14 to 24 inches above finished grade as measured from the middle of the outlet.
- 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.

Sincerely,

Edward P. Robledo
Estimator



WELL TEST REPORT

1



Dedicated to Providing High Quality
Water Service in a Cost-Effective and
Environmentally Sensitive Manner

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Director, Division 2
PMD Representative

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Director, Division 1

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David W. Pedersen, P.E.
General Manager

Wayne K. Lemieux
Counsel

HEADQUARTERS
4272 Las Virgenes Road
Cabrillo, CA 91302
(818) 251-2100
Fax (818) 251-2109

WESTLAKE
RETRACTION PLANT
(818) 251-2375
Fax (818) 251-2379

TAMPA WATER
RECLAMATION FACILITY
(818) 251-2366
Fax (818) 251-2369

RANCHO LAS VIRGENES
COMPOSTING FACILITY
(818) 251-2349
Fax (818) 251-2349

www.LVMWD.com

MEMBER AGENCY OF THE
METROPOLITAN WATER
DISTRICT
OF SOUTHERN CALIFORNIA

January 22, 2019

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.

Sincerely,

David Lippman
Director of Facilities & Operations



COUNTY OF LOS ANGELES FIRE DEPARTMENT
OPERATIONS BUREAU

AUXILIARY WATER SOURCE IDENTIFICATION
REGULATION 26

Los Angeles County Fire Code, Title 32, Section 903.5 and Section 903.6, Los Angeles County Plumbing Code, Title 28, Appendix G.

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

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

Exceptions:

- Swimming pools constructed with a draft hydrant system and so identified, need not be identified with a pools sign.
- 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.
 - The pool or spa sign shall depict a white water-and-swimmer icon, with a blue background.
 - The dimensions for pool or spa sign shall be minimum 10" high and 7 1/2" wide.
 - 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.
 - Sign shall be securely fastened to a building or post, with the top of the sign a minimum of 36" above the ground.
 - 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.
 - 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.
 - 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 growth.
 - Signs shall not be tampered with or otherwise vandalized.
 - Signs shall not be removed without the permission of the Fire Chief or his authorized representative.

FIRE DEPT. CONDITIONS OF APPROVAL

2

WILL - NOT - SERVE LETTER

3

AUX. WATER REQUIREMENTS - FIRE CODE

4

WEBB RESIDENCE

2807 FOOSE ROAD

CITY OF MALIBU, LOS ANGELES COUNTY, CA. 90265

WATER PURVEYANCE PLAN

APN
4472-025-O52

VITUS MATARÉ & ASSOCIATES, INC.

P.O. BOX 1204, MALIBU, CA 90265

310.317.0700
info@vitusmatare.com



PLANNING DESIGN TECHNICAL COORDINATION PERMIT PROCESSING

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SHEET 7

OF 31

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4472-025-052

PLANNING DESIGN TECHNICAL COORDINATION PERMIT PROCESSING

A-1.2



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WEBB RESIDENCE
2807 FOOSE ROAD
CITY OF MALIBU, LOS ANGELES COUNTY, CA. 90265
SECOND FLOOR PLAN VIEW

APN
4472-025-052

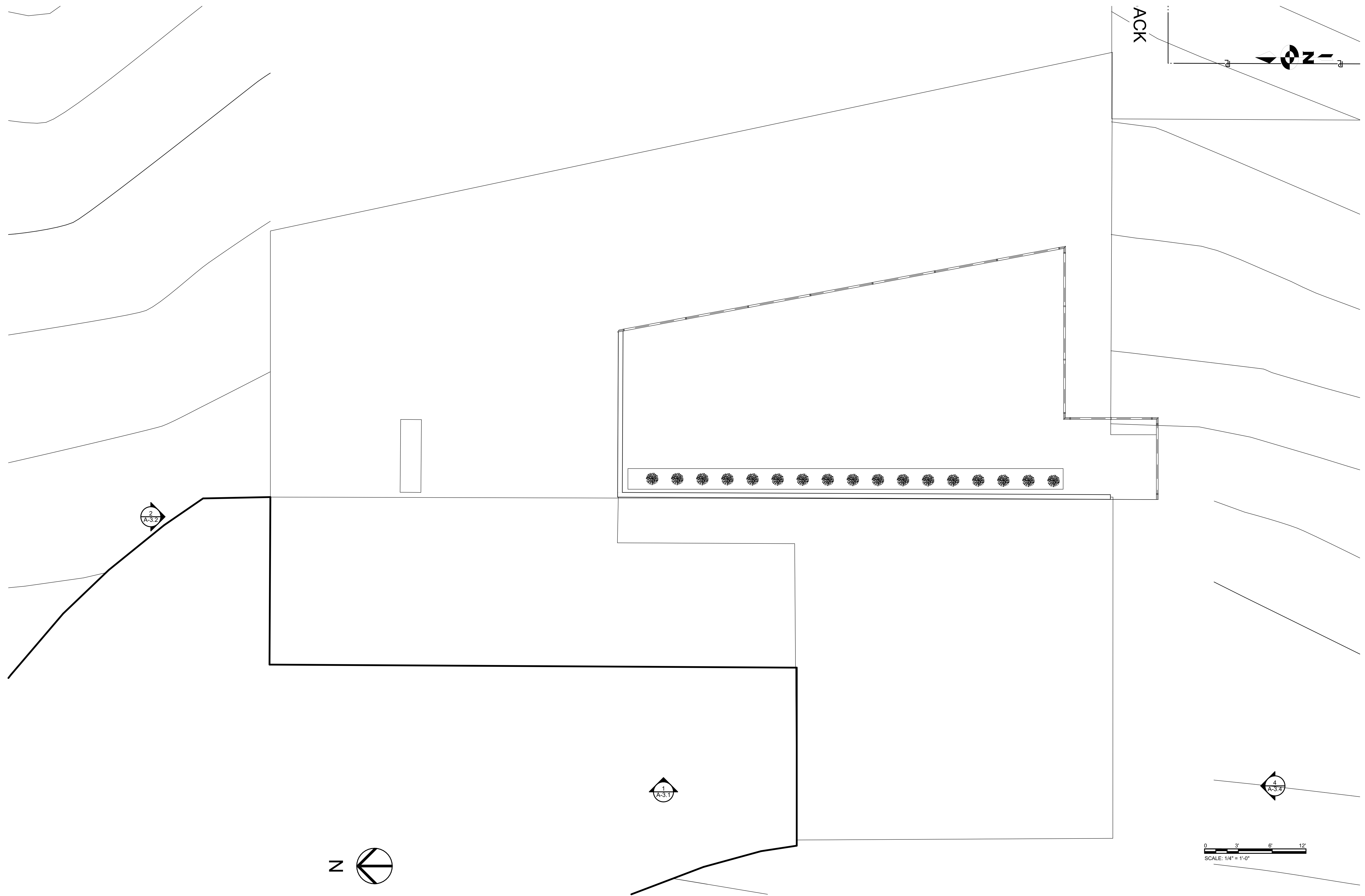
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8	7-20-23	VM
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MARK	DATE	DESCRIPTION

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MODEL FILE:
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1 ROOF PLAN

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

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info@vitusmataré.com



WEBB RESIDENCE
2807 FOOSE ROAD
CITY OF MALIBU, LOS ANGELES COUNTY, CA: 90265
ROOF PLAN

4472-025-052

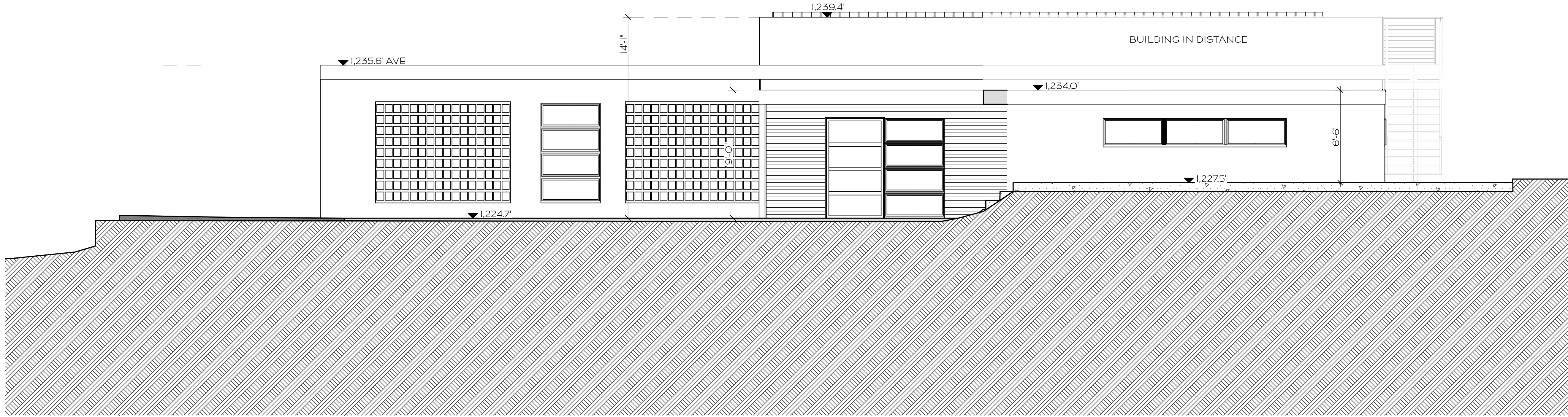
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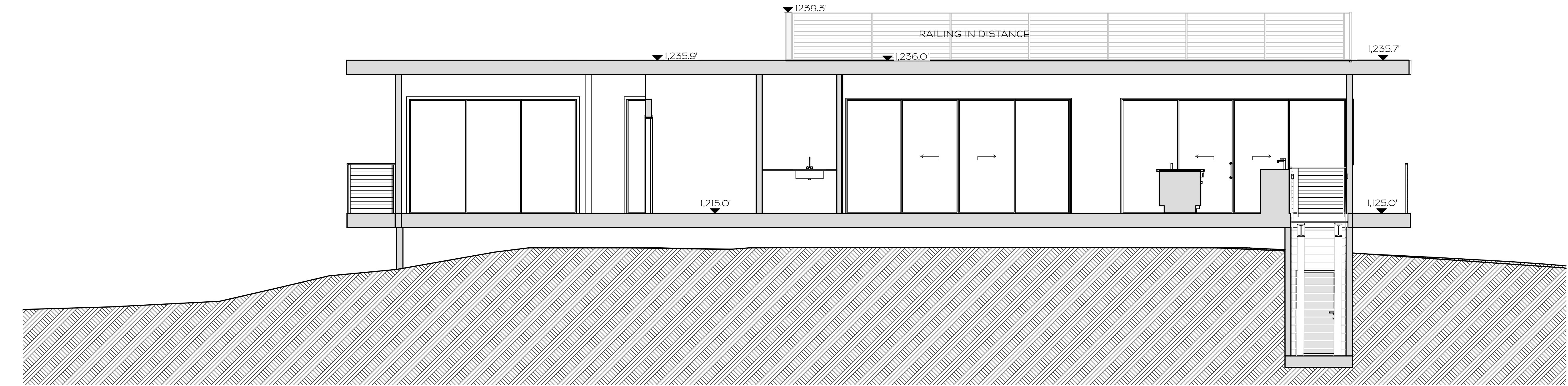
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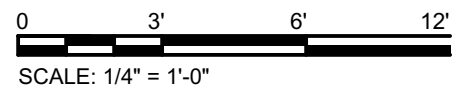
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1 WEST ELEVATION
SCALE: 1/4" = 1'-0"



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



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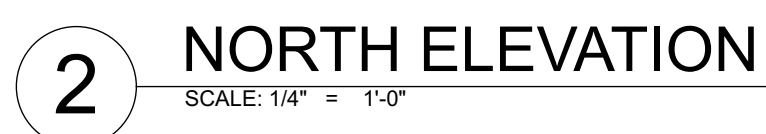
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CITY OF MALIBU, LOS ANGELES COUNTY, CA. 90265
WEST ELEVATION & SECTION

APN
4472-O25-O52

B.	7-20-23	VM
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MARK	DATE	DESCRIPTION

PROJECT NO:
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WEBB RESIDENCE
2807 FOOSE ROAD
CITY OF MALIBU, LOS ANGELES COUNTY, CA. 90265
NORTH ELEVATION & SECTION

APN
4472-025-052

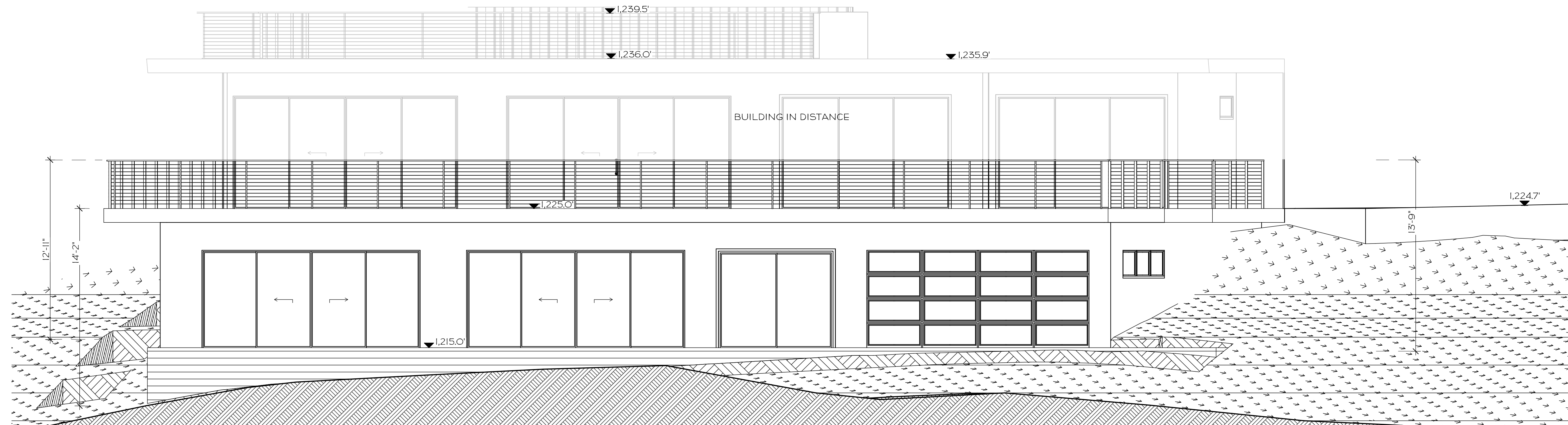
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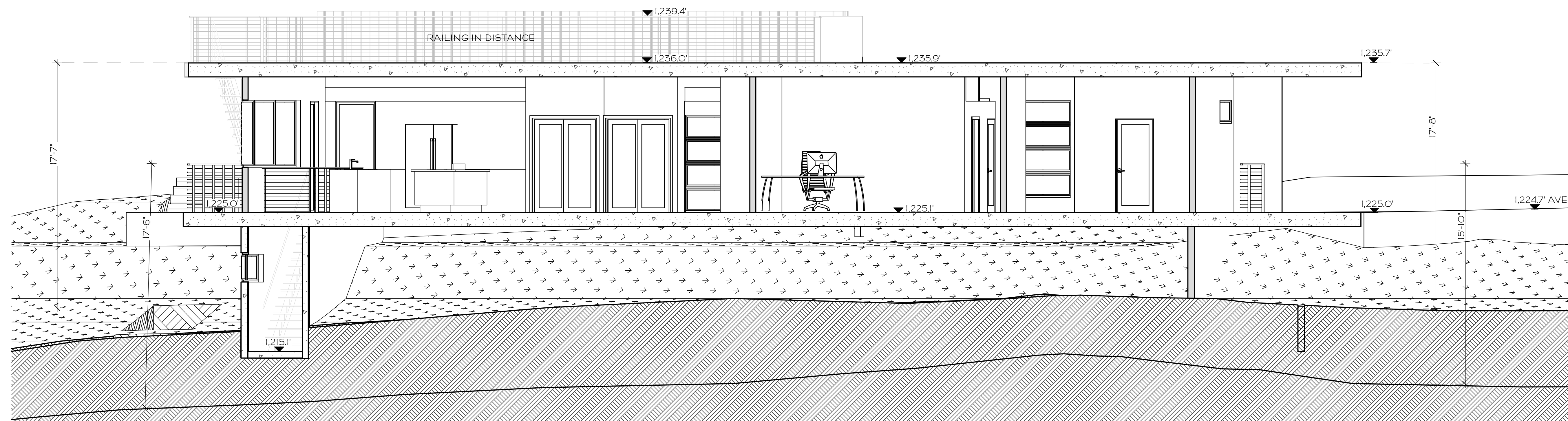
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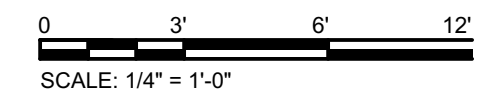
SHEET 16 OF 31



3 EAST ELEVATION



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



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WEBB RESIDENCE
2807 FOOSE ROAD
CITY OF MALIBU, LOS ANGELES COUNTY, CA. 90265
EAST ELEVATION & SECTION

2807 FOOSE ROAD

CITY OF MALIBU, LOS ANGELES COUNTY, CA. 90265

APN
4472-025-052

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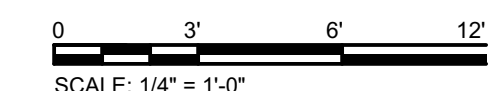
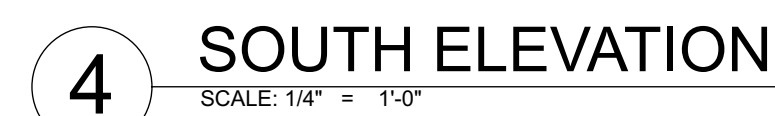
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SHEET 17

OF 31 TH

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WEBB RESIDENCE
2807 FOOSE ROAD
CITY OF MALIBU, LOS ANGELES COUNTY, CA. 90265
SOUTH ELEVATION & SECTION

APN
4472-025-052

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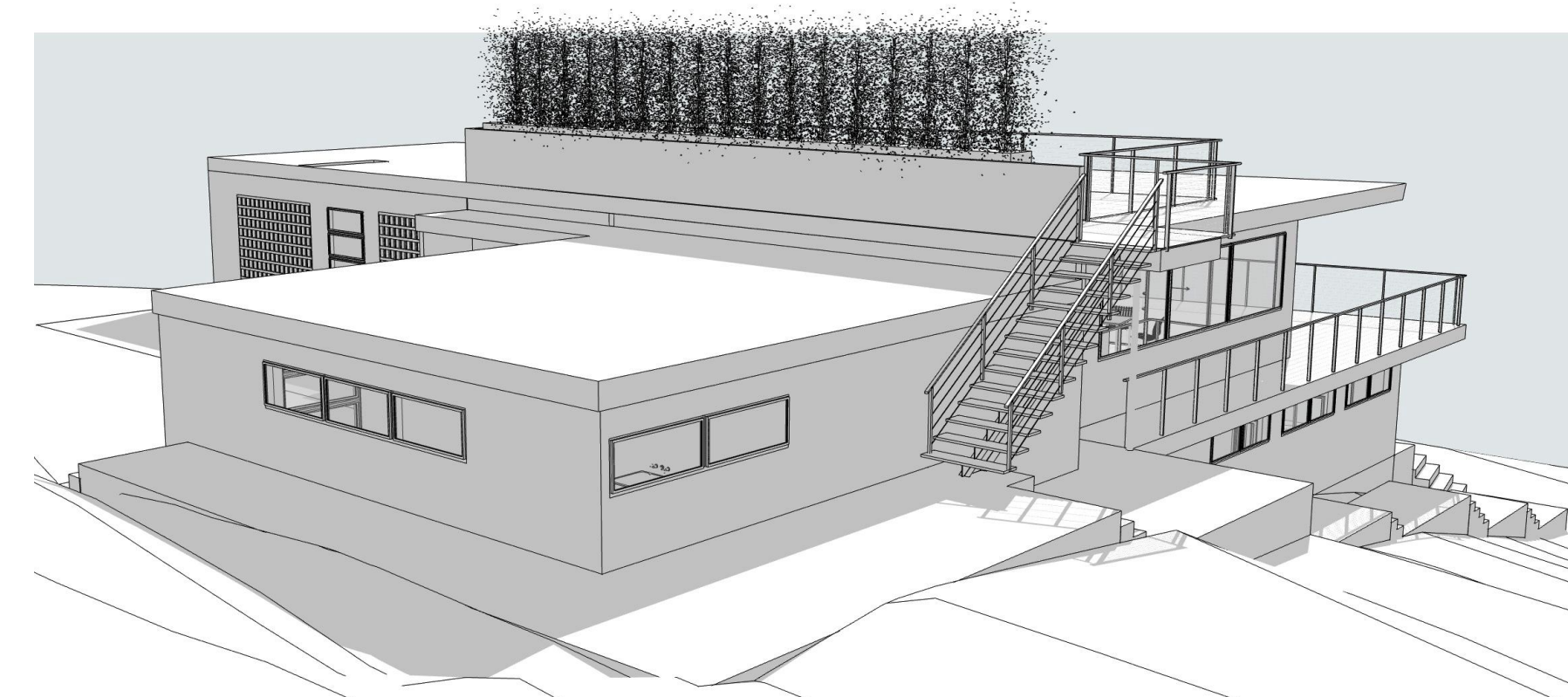
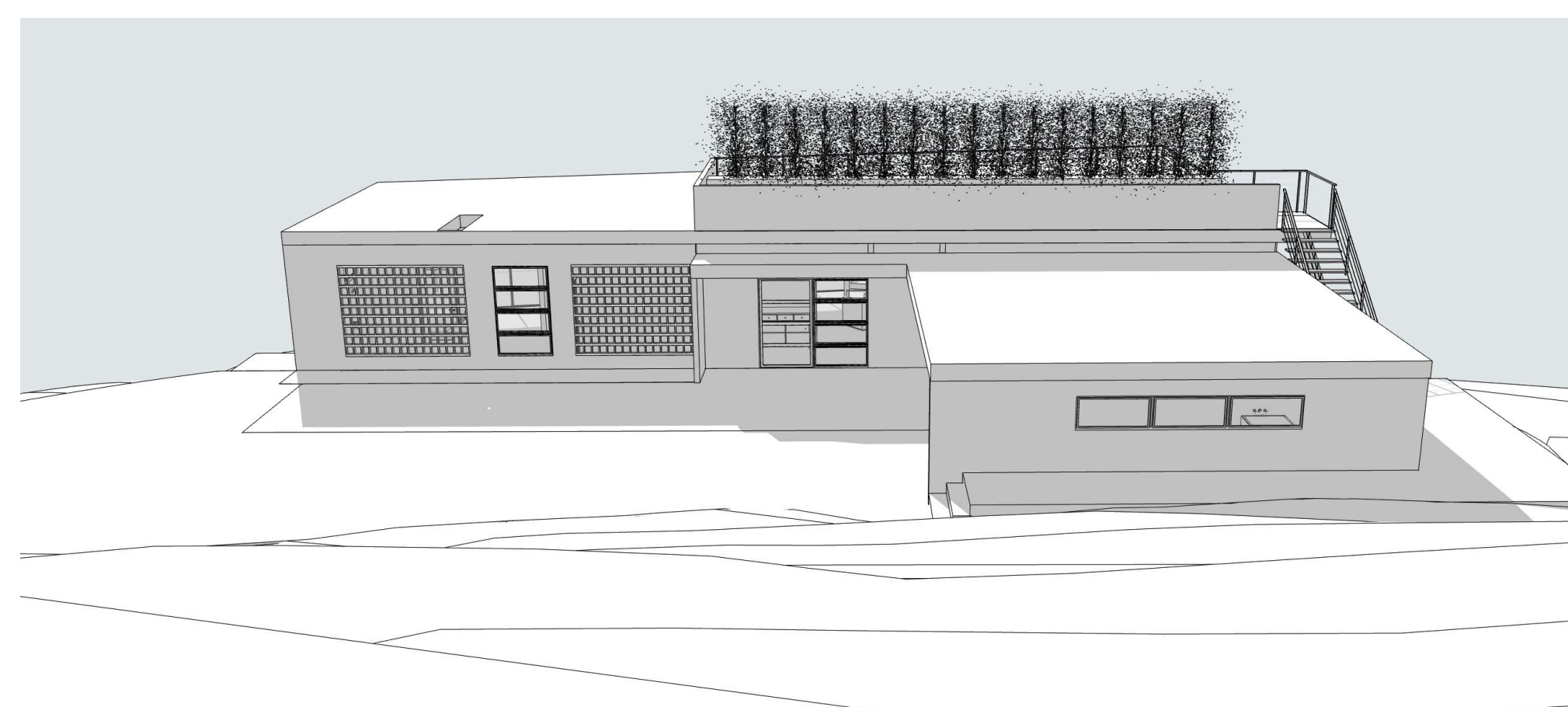
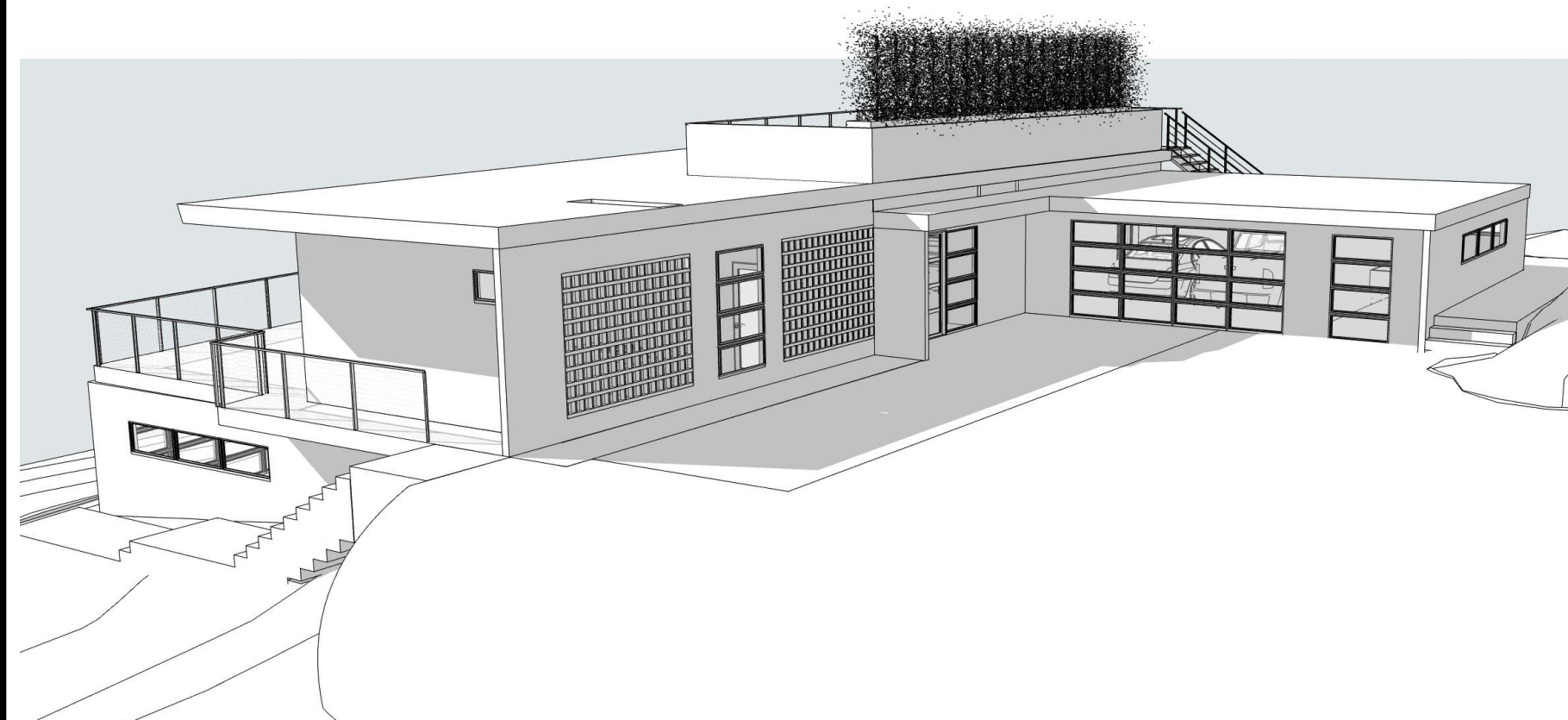
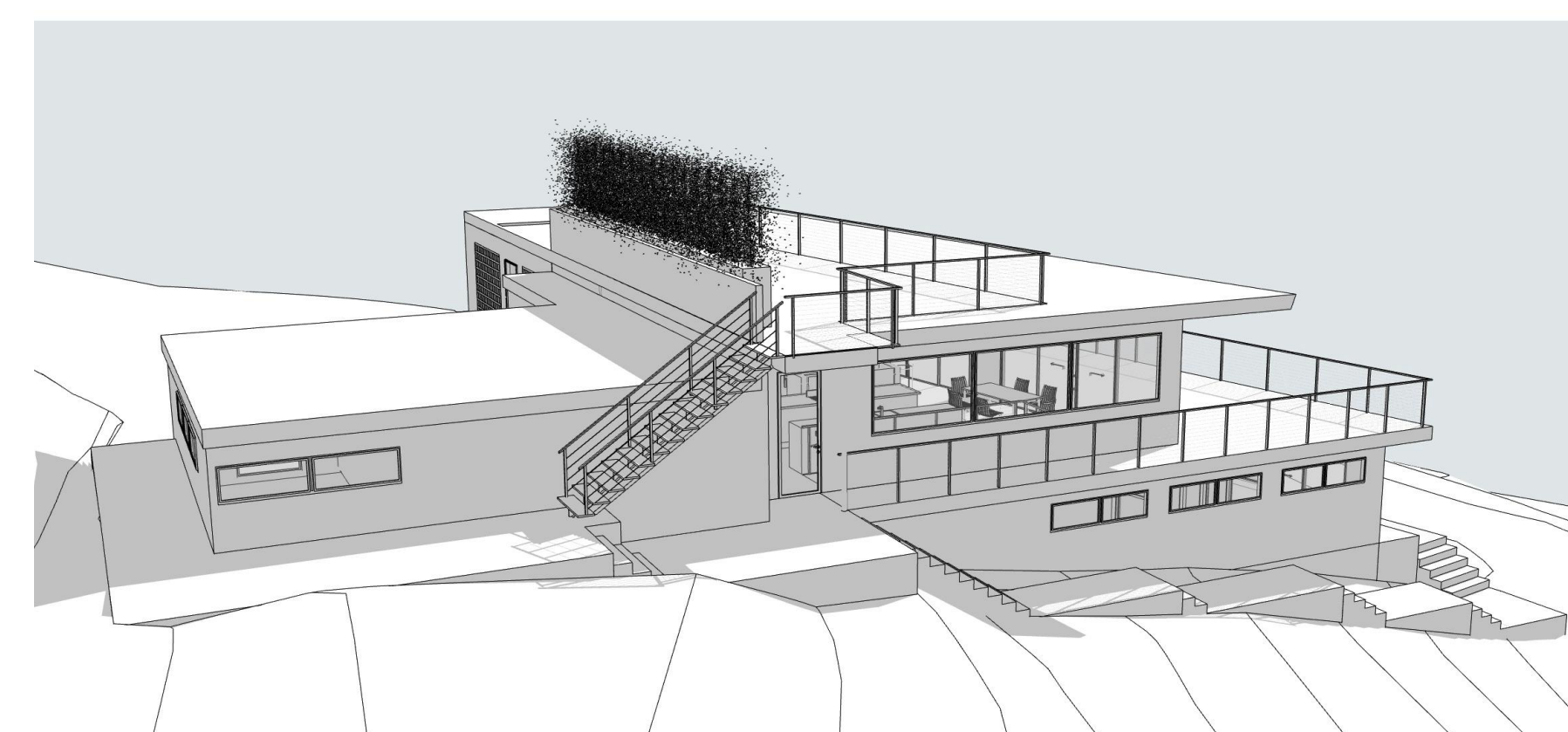
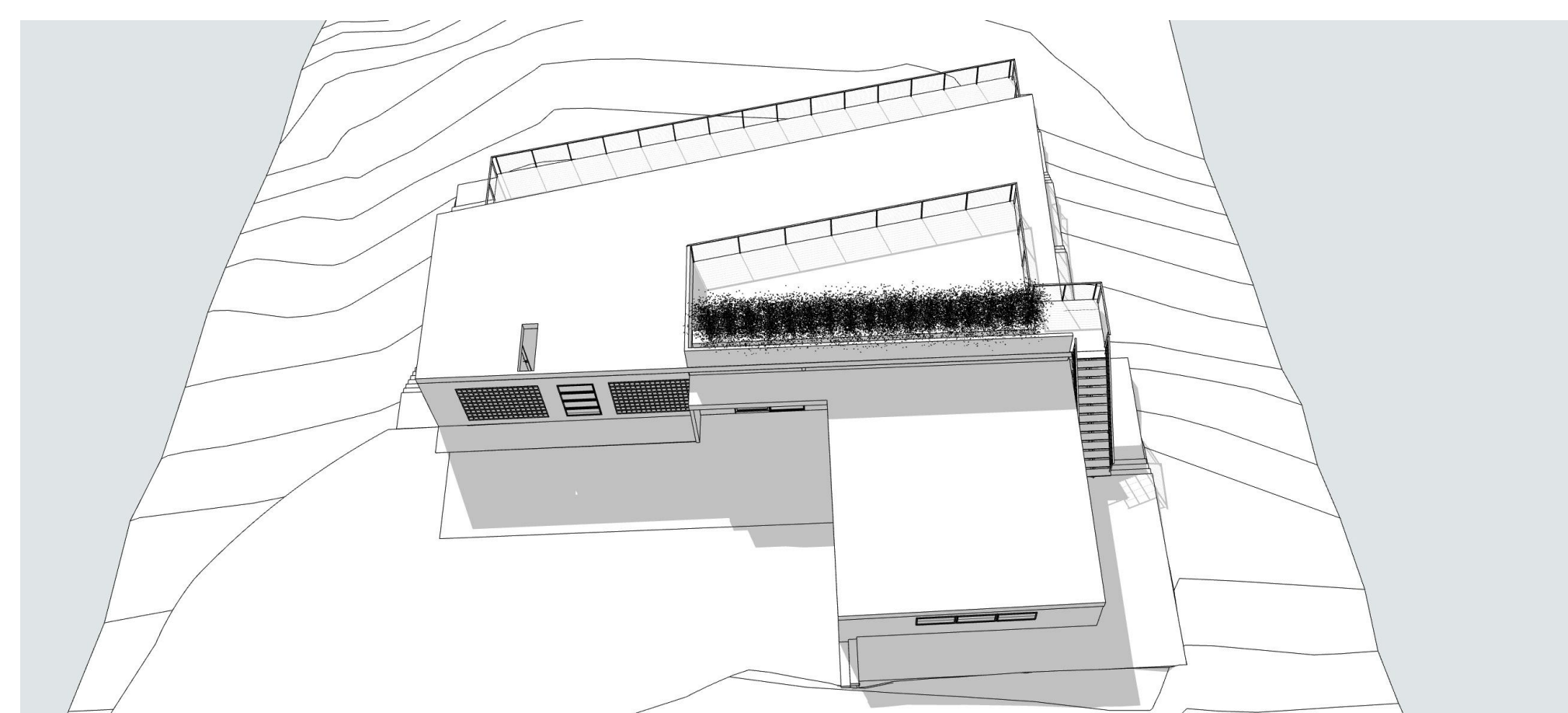
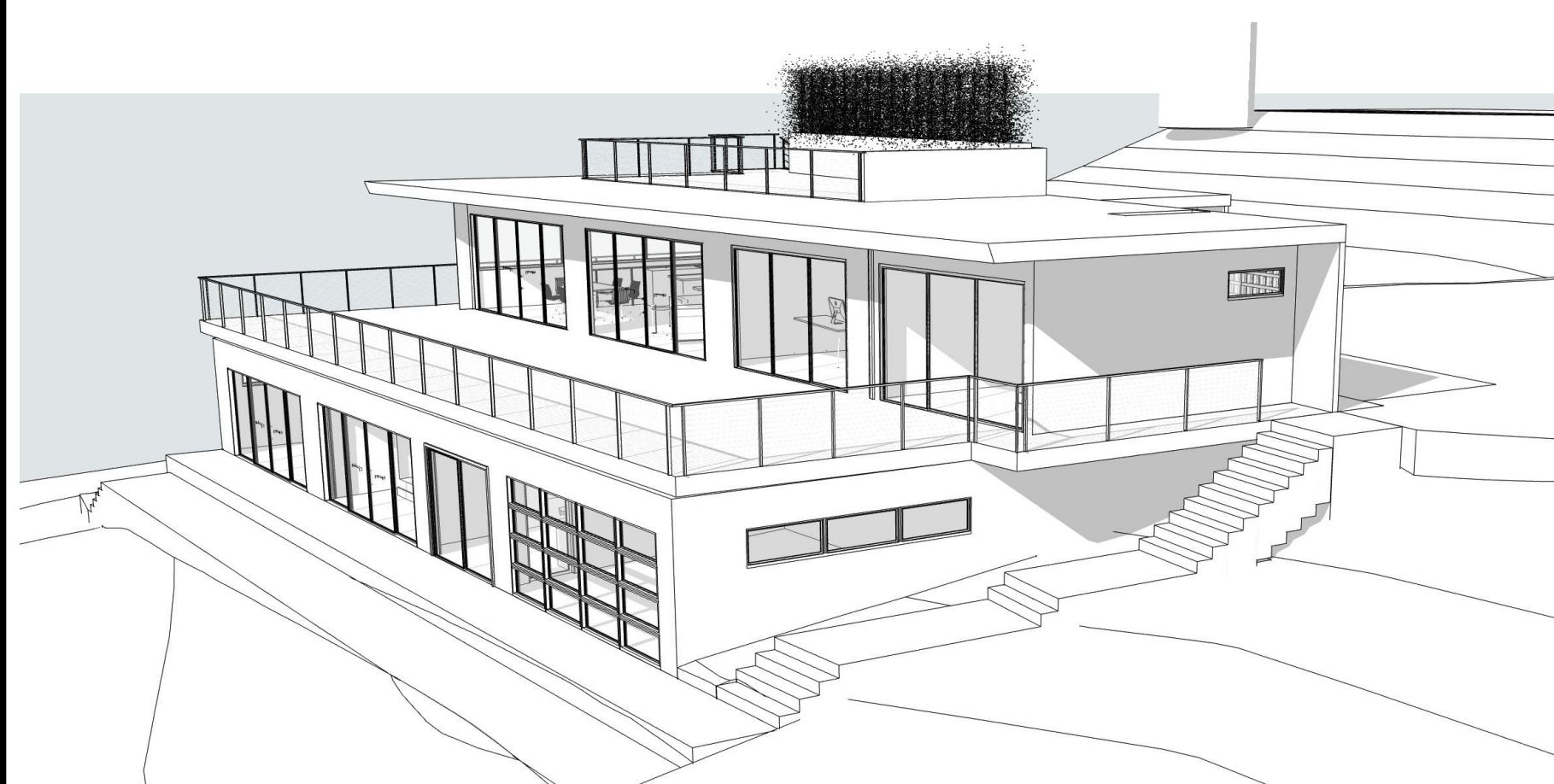
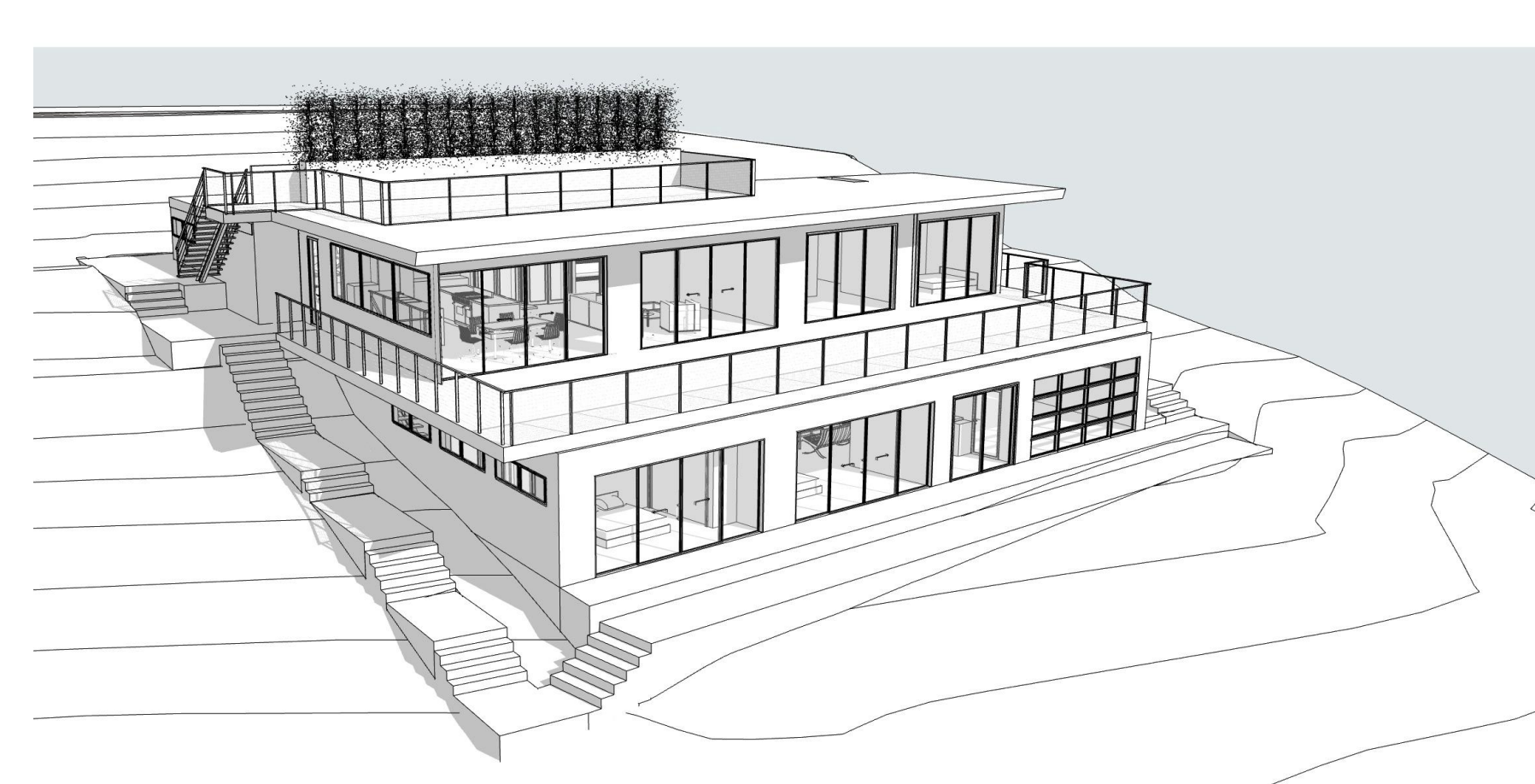
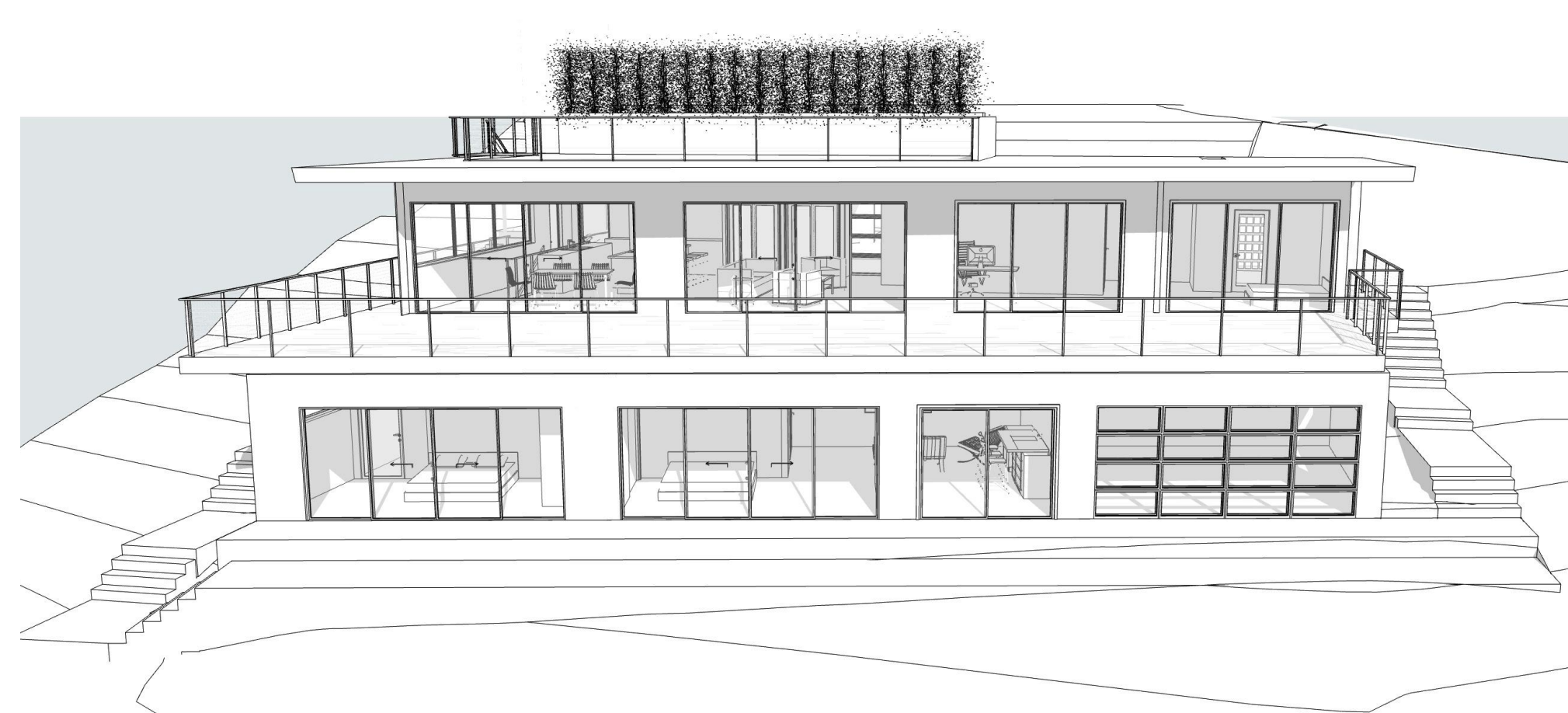
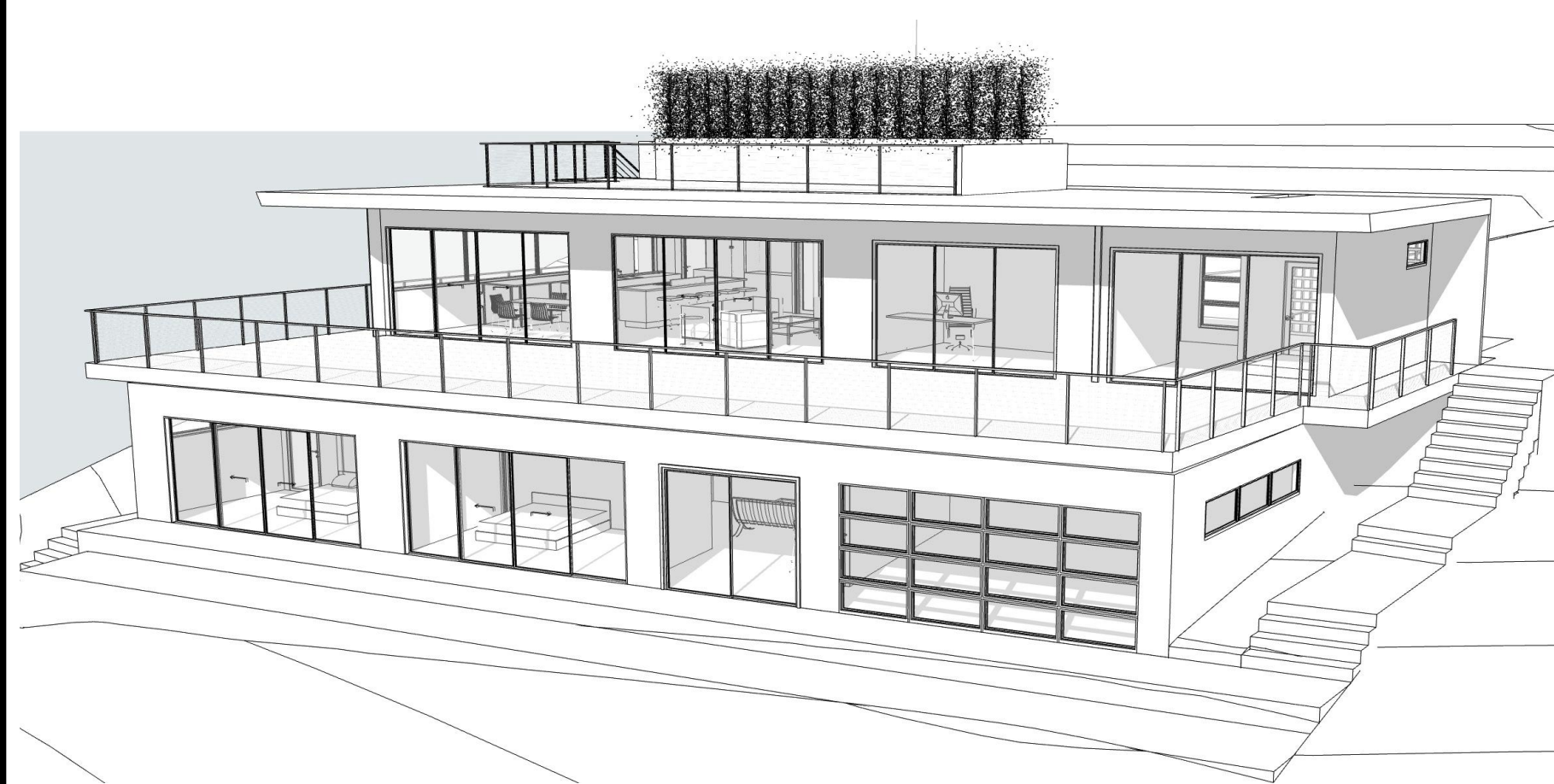
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WEBB RESIDENCE
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CITY OF MALIBU, LOS ANGELES COUNTY, CA. 90265
ARCHITECTURAL RENDERINGS

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

A-3.5

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EXISTING SITE PLAN

SCALE: 1"=20'-0"

1

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PROJECT #: 1501
DATE: 1-08-19
SCALE: 1"=20'-0"

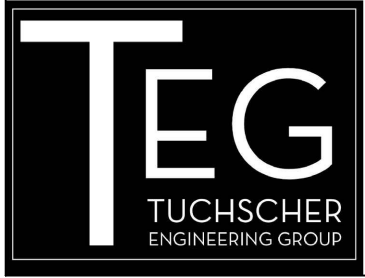
C-2

PROJECT
WEBB RESIDENCE
2807 S. FOOSE ROAD
MALIBU, CA 90265

DRAWING
EXISTING SITE PLAN

STAMP DATE


STAMP



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115 Pine Ave, Suite 210
Long Beach, CA 90802
310.613.9980
www.TEGLosAngeles.com

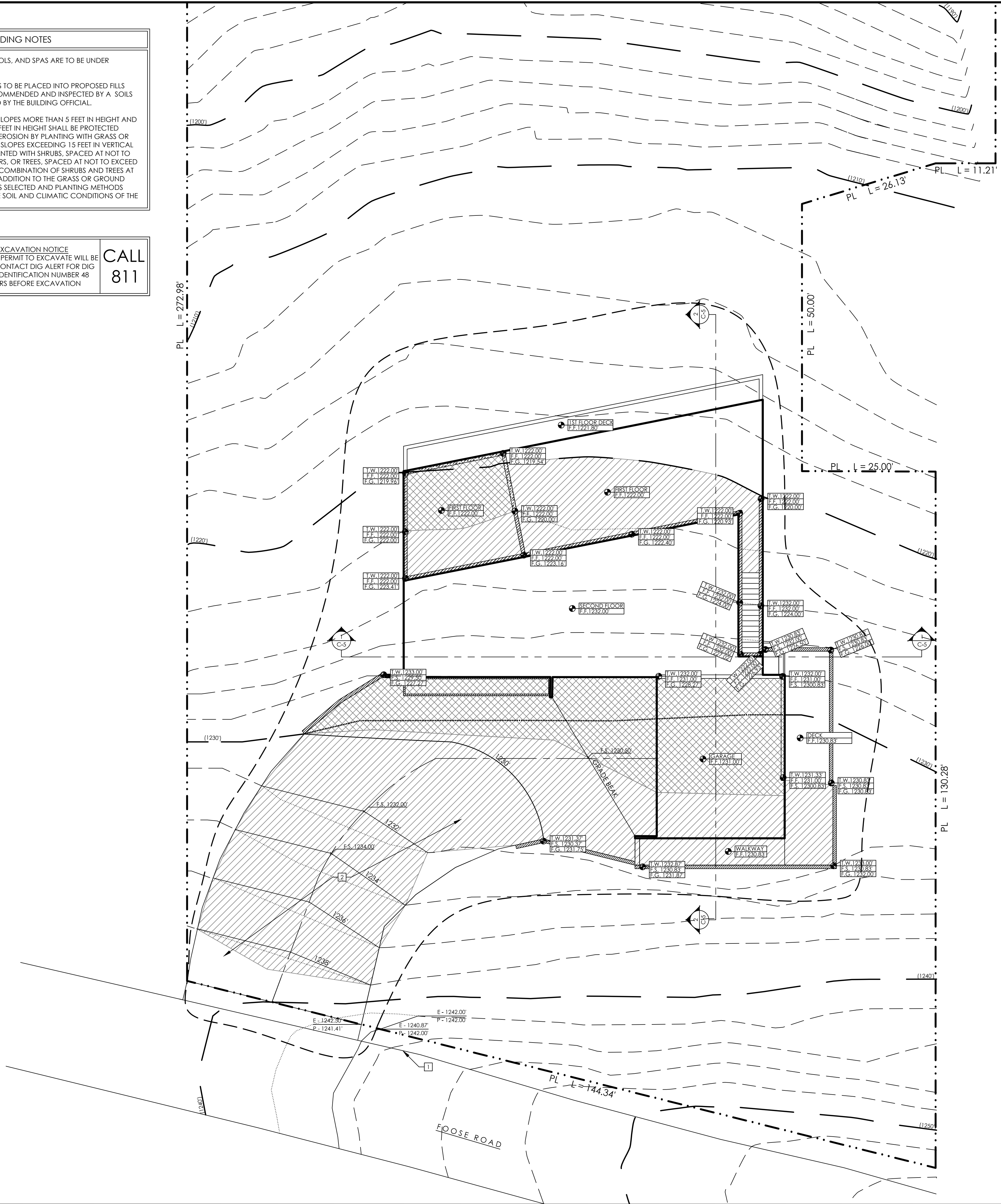
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- GRADING NOTES
- ALL RETAINING WALLS, POOLS, AND SPAS ARE TO BE UNDER SEPARATE PERMIT.
 - NO OVERSIZED MATERIAL IS TO BE PLACED INTO PROPOSED FILLS UNLESS SPECIFICALLY RECOMMENDED AND INSPECTED BY A SOILS ENGINEER AND APPROVED BY THE BUILDING OFFICIAL.
 - THE SURFACE OF ALL CUT SLOPES MORE THAN 5 FEET IN HEIGHT AND FILL SLOPES MORE THAN 3 FEET IN HEIGHT SHALL BE PROTECTED AGAINST DAMAGE FROM EROSION BY PLANTING WITH GRASS OR GROUND COVER PLANTS. SLOPES EXCEEDING 15 FEET IN VERTICAL HEIGHT SHALL ALSO BE PLANTED WITH SHRUBS, SPACED AT NOT TO EXCEED 10 FEET ON CENTERS, OR TREES, SPACED AT NOT TO EXCEED 20 FEET ON CENTER, OR A COMBINATION OF SHRUBS AND TREES AT EQUIVALENT SPACING, IN ADDITION TO THE GRASS OR GROUND COVER PLANTS. THE PLANTS SELECTED AND PLANTING METHODS SHALL BE SUITABLE FOR THE SOIL AND CLIMATIC CONDITIONS OF THE SITE.

**DIGALERT**

EXCAVATION NOTICE
BEFORE A PERMIT TO EXCAVATE WILL BE
VALID, CONTACT DIG ALERT FOR DIG
ALERT IDENTIFICATION NUMBER 48
HOURS BEFORE EXCAVATION

**CALL
811**



GRADING PLAN LEGEND

- PL ± 100' PROPERTY LINE
- (100') EXISTING MAJOR GRADE CONTOUR
- (101') EXISTING MINOR GRADE CONTOUR
- (100') PROPOSED MAJOR GRADE CONTOUR
- (101') PROPOSED MINOR GRADE CONTOUR
- (100') EXISTING MAJOR GRADE CONTOUR TO BE REMOVED
- (101') EXISTING MINOR GRADE CONTOUR TO BE REMOVED
- CUT & FILL TRANSITION/DAYLIGHT BOUNDARY
- CUT AREA
- FILL AREA
- REMOVE AND RECOMPACT AREA
- ROADWAY CENTERLINE
- OUTLINE OF DISTURBED AREA
- OUTLINE OF STRUCTURE AT GRADE
- RETAINING WALL
- RETAINING WALL WITH RETAINED PORTION BELOW FINISHED SURFACE

CONSTRUCTION NOTES

- 1 (E) EDGE OF PAVEMENT
- 2 (N) DRIVEWAY

TOTAL GRADING QUANTITIES			
	WITHIN FOOTPRINT	OUTSIDE OF FOOTPRINT	TOTAL
CUT	16 CU.YD.	12 CU.YD.	28 CU.YD.
FILL	9 CU.YD.	9 CU.YD.	18 CU.YD.
			46 CU.YD.
		10 CU.YD.	EXPORT

DRAWING
GRADING PLAN

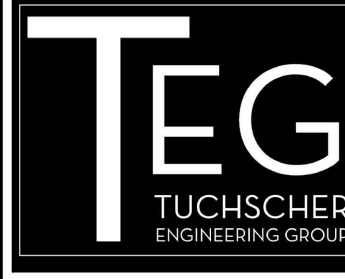
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WEBB RESIDENCE
2807 S. FOOSE ROAD
MALIBU, CA 90265

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PROJECT #: 1501
DATE: 1-08-19
SCALE: 1"=10'-0"

C-3

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Long Beach, CA 90802
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STAMP

STAMP DATE

GRADING PLAN

SCALE: 1"=10'-0"

- DRAINAGE NOTES
1.

2% MIN. SLOPE TO DRAINAGE DEVICE AND / OR STREET AT ALL PAD AREAS.
2.

2% MIN. SLOPE AWAY FROM BUILDINGS AT AREAS OF HARDSCAPE AT ADJACENT 5 FEET.
3.

5% MIN. SLOPE AWAY FROM BUILDINGS AT AREAS OF SOFTSCAPE AT ADJACENT FIVE FEET.
4.

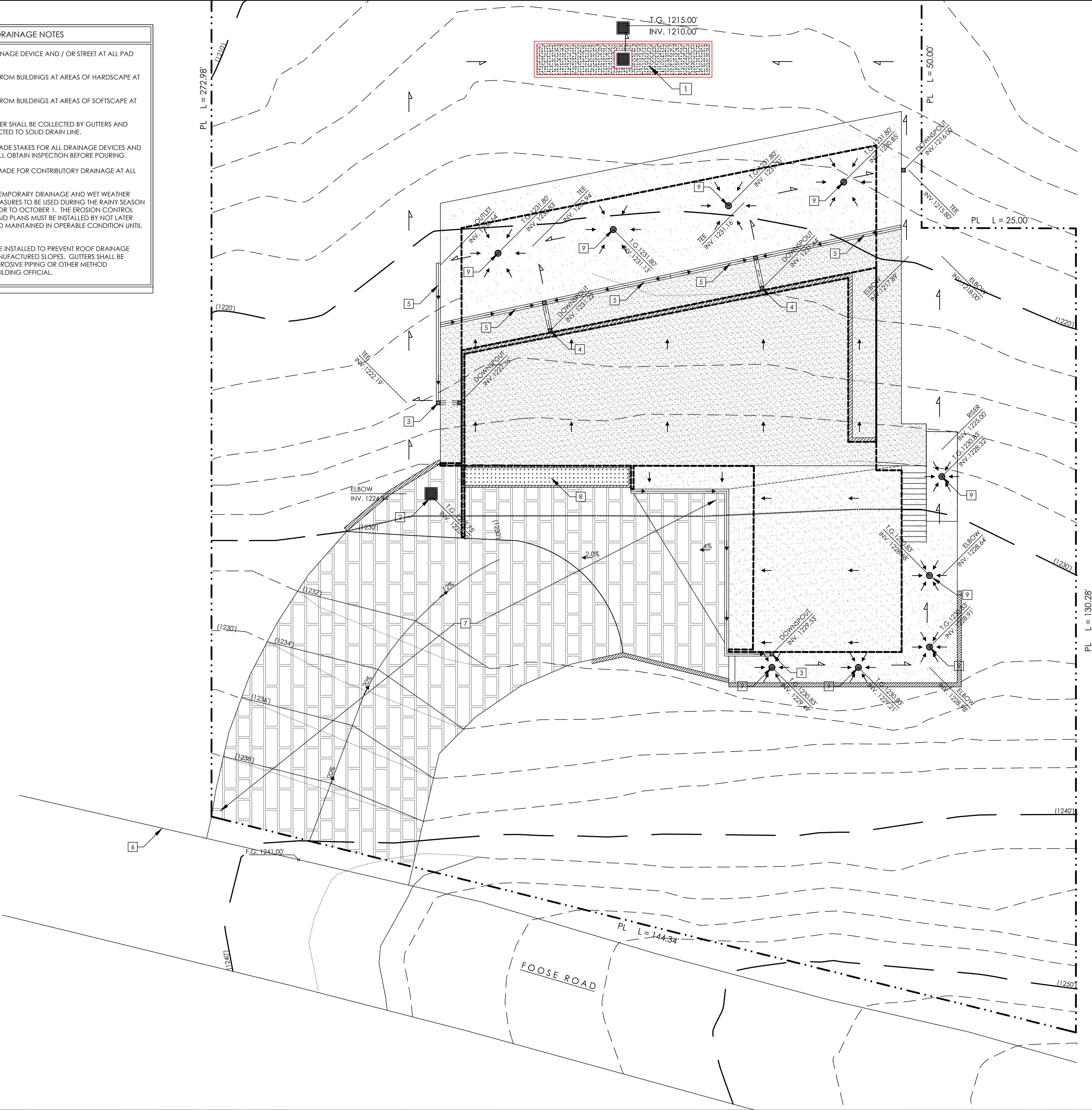
ALL ROOF RAIN WATER SHALL BE COLLECTED BY GUTTERS AND DOWNSPOUTS CONNECTED TO SOLID DRAIN LINE.
5.

ENGINEER MUST SET GRADE STAKES FOR ALL DRAINAGE DEVICES AND THE CONTRACTOR SHALL OBTAIN INSPECTION BEFORE POURING.
6.

PROVISIONS SHALL BE MADE FOR CONTRIBUTORY DRAINAGE AT ALL TIMES.
7.

SEPARATE PLANS FOR TEMPORARY DRAINAGE AND WET WEATHER EROSION CONTROL MEASURES TO BE USED DURING THE RAINY SEASON MUST BE SUBMITTED PRIOR TO OCTOBER 1. THE EROSION CONTROL DEVICES SHOWN ON SAID PLANS MUST BE INSTALLED BY NOT LATER THAN NOVEMBER 1 AND MAINTAINED IN OPERABLE CONDITION UNTIL APRIL 15.
8.

ROOF GUTTERS SHALL BE INSTALLED TO PREVENT ROOF DRAINAGE FROM FALLING ON MANUFACTURED SLOPES. GUTTERS SHALL BE CONNECTED TO NON-EROSIVE PIPING OR OTHER METHOD ACCEPTABLE TO THE BUILDING OFFICIAL.



- DRAINAGE PLAN LEGEND
- 4" DOWNSPOUT PER DETAIL 3/C-4
W/ 4" GUTTER SLOPED TO DOWNSPOUT
- 4" AREA DRAIN
W/ 2% MIN. SLOPE TO DRAIN
- SQUARE CATCH BASIN
- TRENCH DRAIN PER DETAIL 6/C-6
- BUILDING OUTLINE 1ST FLOOR
- BUILDING OUTLINE SECOND FLOOR
- 4"Ø SOLID SCHEDULE 40 PVC PIPE WITH MIN. 2%
SLOPE TO DRAIN
- 3"Ø SOLID SCHEDULE 40 PVC PIPE WITH MIN. 2%
SLOPE TO DRAIN
- DIRECTION OF DRAINAGE LINE SLOPE
- DIRECTION OF SHEET FLOW
- IMPERMEABLE AREA
- PERMEABLE PAVERS PER DETAIL 4/C-6
- OLDCASTLE BIOMOD FILTER MEDIA/SOIL

- CONSTRUCTION NOTES
- 1

LID PLANTER
- 2

24" SQUARE CONCRETE CATCH BASIN AS CLEAN
OUT PER DETAIL 2/C-6
- 3

4" DOWNSPOUT
- 4

4" DOWNSPOUT DISCHARGE ONTO LOWER DECK
- 5

4" GUTTER W/MIN. 2% SLOPE TO DOWNSPOUT PER
DETAIL 3/C-6
- 6

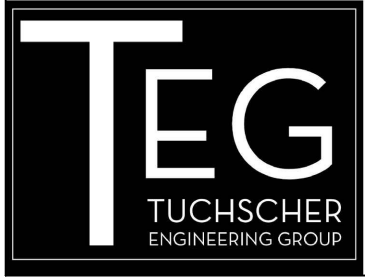
(E) EDGE OF PAVEMENT
- 7

DRIVEWAY
- 8

NON-LID PLANTER
- 9

AREA DRAIN PER DETAIL 5/C-6

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STAMP DATE

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DRAINAGE PLAN

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WEBB RESIDENCE
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MALIBU, CA 90265

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PROJECT #: 1501

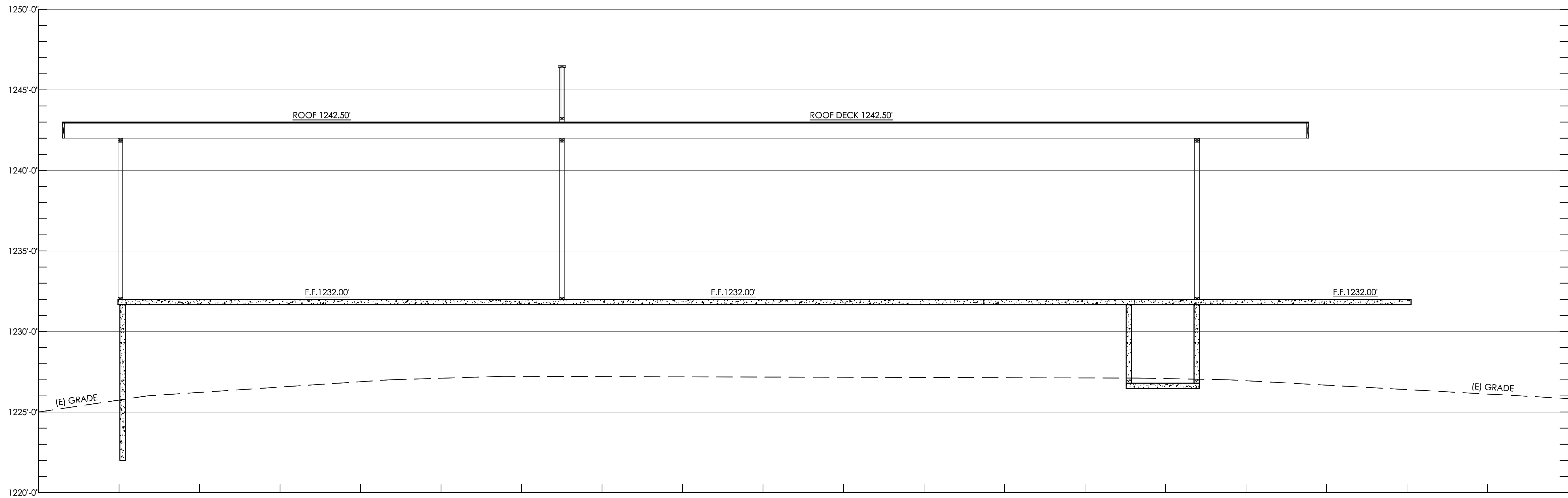
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SCALE: 1/8" = 1'-0"

C-4

SHEET 4 OF 6

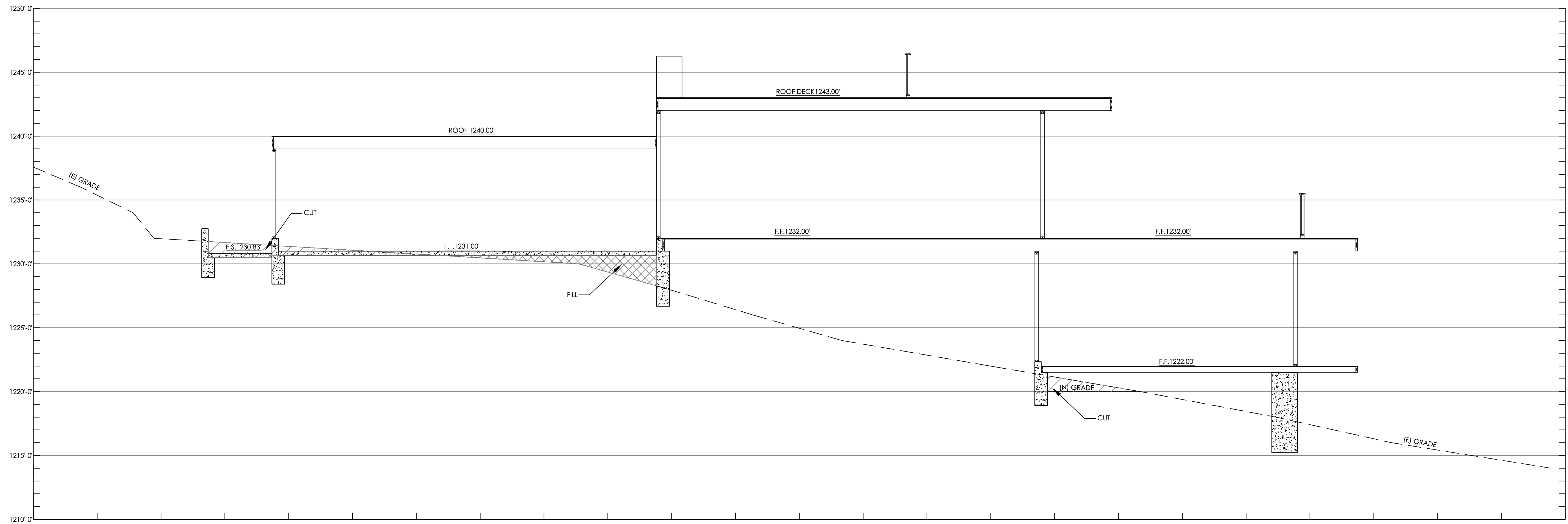
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GRADING SECTION

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

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GRADING SECTION

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

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DRAWING
GRADING SECTIONS

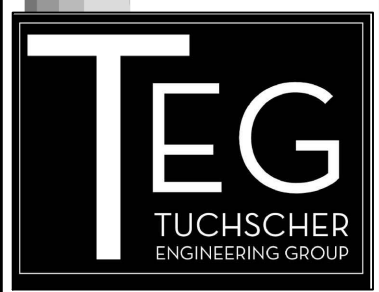
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REVISIONS	BY
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PROJECT #: 1501	
DATE: 1-08-19	
SCALE: 1/4" = 1'-0"	

C-5

SHEET 5 OF 6

TUCHSCHER ENGINEERING GROUP, INC.
115 Pine Ave, Suite 210
Long Beach, CA 90802
310.613.9980
www.TEGLosAngeles.com



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- 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

1.

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

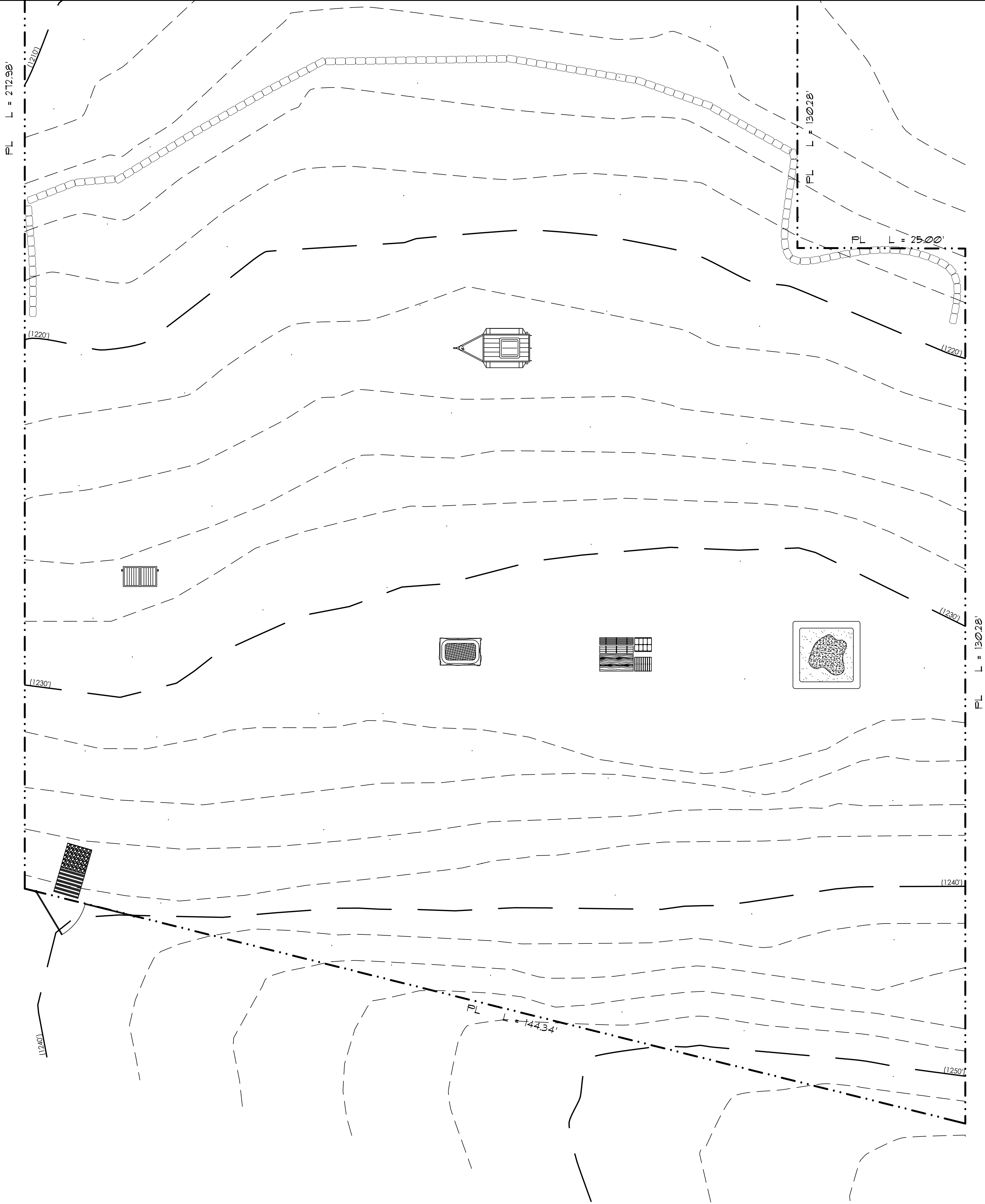
DATE

EMERGENCY CONTACT INFORMATION

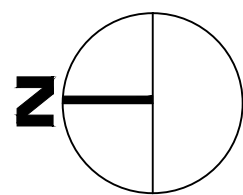
A "STANDBY EMERGENCY CREW" SHALL BE ALERTED BY THE DEVELOPER OR CONTRACTOR TO PERFORM EMERGENCY WORK DURING RAINSTORMS. THE PARTY TO BE CONTACTED IS:

NAME:

TELEPHONE:



- EROSION CONTROL PLAN LEGEND
- SE-8 SANDBAG BARRIE
- WM-1 MATERIAL DELIVERY AND STORAGE
- WM-5 SOLID WASTE MANAGEMENT
- WM-8 CONCRETE WASTE MANAGEMENT
- WM-9 SANITARY WASTE MANAGEMENT
- SC-11 PAINT AND CHEMICAL STORAGE WITH SPILL CONTROL AND SPILL CLEANUP EQUIPMENT.
- TC-1 STABILIZED CONSTRUCTION ENTRANCE
- TC-3 TIRE WASHOUT
- CONSTRUCTION GATE

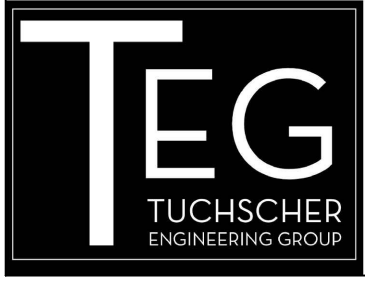


EROSION CONTROL PLAN

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

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TUCHSCHER ENGINEERING GROUP, INC.
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DRAWING
EROSION CONTROL PLAN

PROJECT
WEBB RESIDENCE
2807 S. FOOSE ROAD
MALIBU, CA 90265

REVISIONS	BY
△	
△	
△	
△	
△	
PROJECT #: 1501	
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SCALE: 1/8" = 1'-0"	

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SHEET 6 OF 6

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