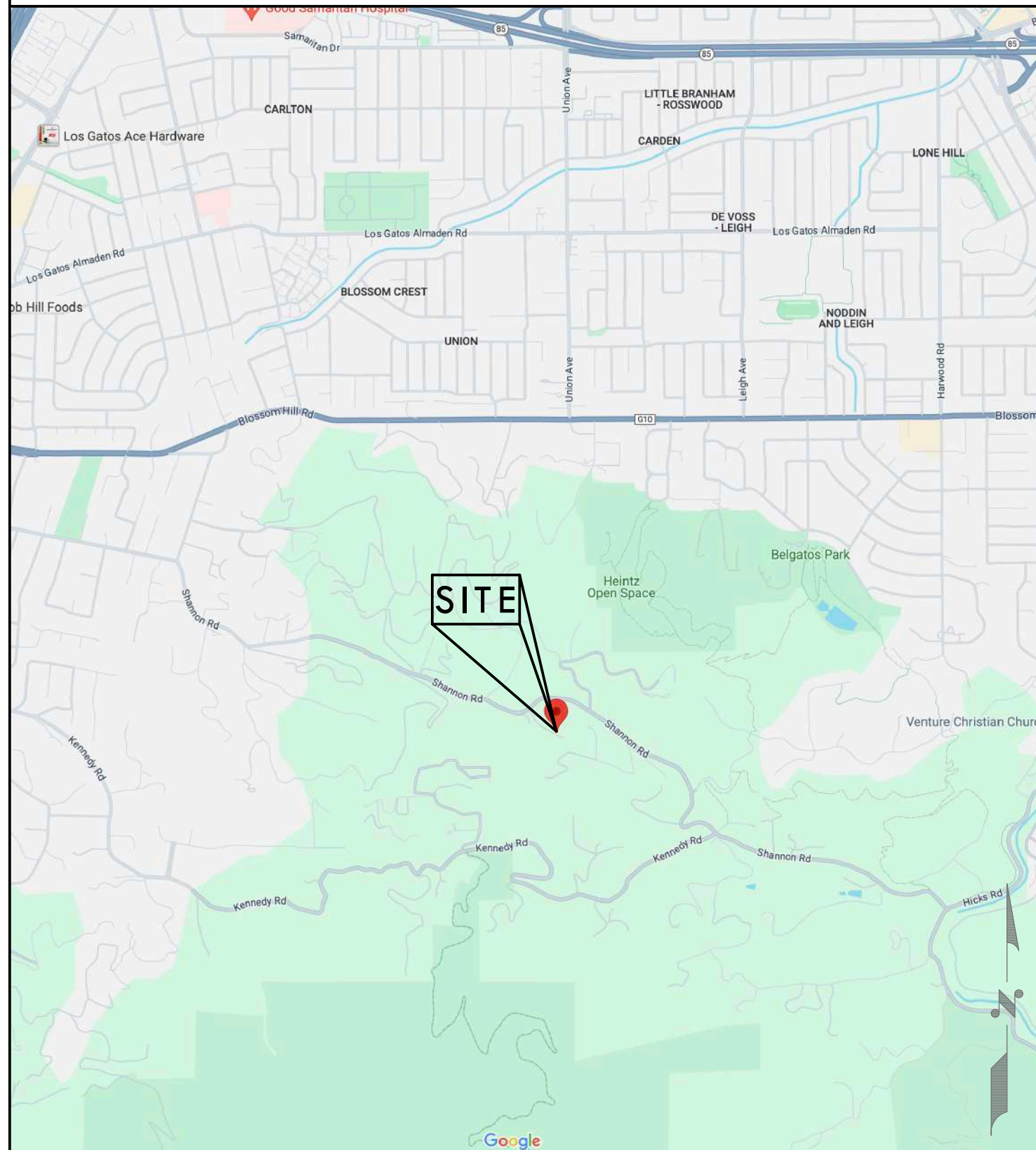




# The Lambert Residence

VICINITY MAP		PROJECT DIRECTORY		NOTES		PROJECT DATA		SHEET INDEX																																									
		<p><b>ARCHITECT:</b> KOHLSAAT &amp; ASSOCIATES 31 UNIVERSITY AVENUE, SUITE L LOS GATOS, CA 95030 TEL: (408) 395-2555</p> <p><b>SEPTIC DESIGNER:</b> LC ENGINEERING 598 E. SANTA CLARA ST., 270 SAN JOSE, CA 95112 TEL: (408) 306-7187</p> <p><b>CIVIL ENGINEER &amp; SURVEYOR:</b> HANNA-BRUNETTI 7651 EIGLEBERRY STREET SILROY, CA 95020 TEL: (408) 342-2173</p>		<p>* MIDLAND URBAN INTERFACE: THIS PROJECT IS LOCATED IN THE DESIGNATED MIDLAND URBAN INTERFACE AREA. THE BUILDING CONSTRUCTION SHALL COMPLY WITH THE PROVISIONS OF SECTION R331 OF THE CALIFORNIA RESIDENTIAL CODE OR THE CBC CHAPTER 1A, AS APPLICABLE.</p>		<p><b>PROJECT ADDRESS:</b> 15100 SHANNON RD. LOS GATOS, CA 95032</p> <p><b>OWNER:</b> DAVID &amp; SHIRLEY LAMBERT</p> <p><b>APNR:</b> 597-24-021</p> <p><b>ZONING:</b> RH-20S-D1-SR (TIER 2: NON-VISIBLE SITE/ DESIGN REVIEW EXEMPT)</p> <p><b>OCCUPANCY GROUP:</b> R-3/U</p> <p><b>CONSTRUCTION TYPE:</b> V-B: SPRINKLERED (NFFA 1SD)</p> <p><b>GROSS &amp; NET SITE AREA:</b> 112,905 SF; 2.6 AC</p> <p><b>AVERAGE SLOPE:</b> 27.8%</p> <p><b>STRUCTURES TO BE DEMOLISHED:</b></p> <table><tr><td>MAIN FLOOR</td><td>1,970 SF</td></tr><tr><td>LOWER FLOOR</td><td>631 SF</td></tr><tr><td>DETACHED GARAGE</td><td>659 SF</td></tr><tr><td>TOTAL RESIDENCE</td><td>3,259 SF</td></tr><tr><td>BARN</td><td>811 SF</td></tr><tr><td>TOTAL</td><td>4,070 SF</td></tr></table> <p><b>PROPOSED FLOOR AREAS:</b></p> <table><tr><td>MAIN FLOOR</td><td>2,611 SF</td></tr><tr><td>SECOND FLOOR</td><td>2,637 SF</td></tr><tr><td>GARAGE</td><td>956 SF</td></tr><tr><td>TOTAL MAIN RESIDENCE</td><td>6,204 SF</td></tr><tr><td>DETACHED GARAGE</td><td>1,650 SF</td></tr><tr><td>TOTAL FLOOR AREA</td><td>7,854 SF</td></tr></table> <p><b>COVERED PATIOS &amp; PORCHES</b> 1,605 SF</p> <p><b>TRELLISED DECK</b> 343 SF</p> <p><b>OPEN DECKS &amp; BALCONIES</b> 551 SF</p> <p><b>LIGHTWELL</b> 76 SF</p> <p><b>SITE AREAS:</b></p> <table><tr><td>RESIDENCE FOOTPRINT</td><td>3,825 SF</td></tr><tr><td>COVERED PORCHES &amp; PATIOS (FOOTPRINT)</td><td>1,252 SF</td></tr><tr><td>DETACHED GARAGE</td><td>1,650 SF</td></tr><tr><td>STRUCTURAL COVERAGE</td><td>6,727 SF</td></tr><tr><td>POOL DECK, PATIOS, WALKS</td><td>2,231 SF</td></tr><tr><td>POOL</td><td>924 SF</td></tr><tr><td>DRIVEWAY</td><td>12,906 SF</td></tr><tr><td>TOTAL IMPERVIOUS COVERAGE</td><td>22,543 SF</td></tr></table>		MAIN FLOOR	1,970 SF	LOWER FLOOR	631 SF	DETACHED GARAGE	659 SF	TOTAL RESIDENCE	3,259 SF	BARN	811 SF	TOTAL	4,070 SF	MAIN FLOOR	2,611 SF	SECOND FLOOR	2,637 SF	GARAGE	956 SF	TOTAL MAIN RESIDENCE	6,204 SF	DETACHED GARAGE	1,650 SF	TOTAL FLOOR AREA	7,854 SF	RESIDENCE FOOTPRINT	3,825 SF	COVERED PORCHES & PATIOS (FOOTPRINT)	1,252 SF	DETACHED GARAGE	1,650 SF	STRUCTURAL COVERAGE	6,727 SF	POOL DECK, PATIOS, WALKS	2,231 SF	POOL	924 SF	DRIVEWAY	12,906 SF	TOTAL IMPERVIOUS COVERAGE	22,543 SF	<p>A-1 COVER SHEET</p> <p>A-2 PLOT PLAN</p> <p>A-3 SITE PLAN</p> <p>1 CIVIL COVER SHEET</p> <p>2 EXISTING CONDITIONS &amp; DEMOLITION PLAN</p> <p>3 PRELIMINARY GRADING &amp; DRAINAGE PLAN</p> <p>4 CROSS SECTIONS &amp; NOTES</p> <p>5 PROFILES</p> <p>6 EROSION CONTROL PLAN</p> <p>7 BMP-1</p> <p>8 BMP-2</p> <p>9 STORMWATER CONTROL PLAN</p> <p>A-4 LOWER FLOOR PLAN</p> <p>A-5 UPPER FLOOR PLAN</p> <p>A-6 ROOF PLAN</p> <p>A-7 FRONT &amp; LEFT ELEVATIONS</p> <p>A-8 REAR &amp; RIGHT ELEVATIONS</p> <p>A-9 CROSS SECTIONS</p> <p>A-10 CROSS SECTIONS</p> <p>A-11 DETACHED GARAGE PLANS</p> <p>S1 SEPTIC SYSTEM PLAN</p> <p>S2 SEPTIC SYSTEM DETAILS</p>	
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		<p>A NEW 5,248 SF SINGLE FAMILY RESIDENCE WITH AN 956 SF ATTACHED GARAGE AND A 1,650 SF DETACHED GARAGE/GYM. PROJECT INCLUDES 5 BEDROOMS, 5 FULL BATHS, 2 HALF BATH, AN OFFICE, A REC ROOM, 2 COVERED VERANDA, AND OPEN DECK.</p>																																															

COVER SHEET

DATE: 01/16/23

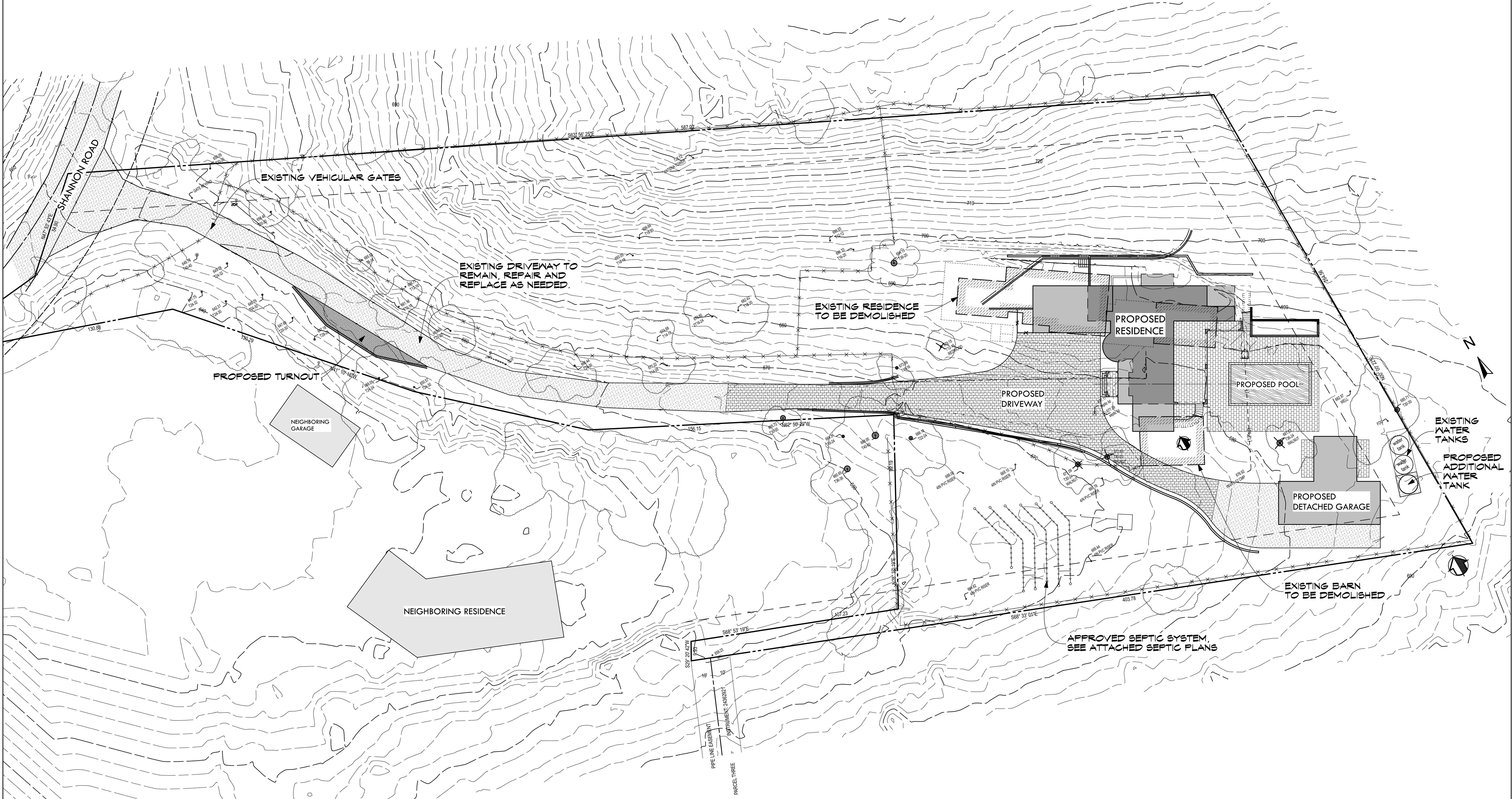
SCALE: AS SHOWN

SHEET

A-1

1 OF 1





**PLOT PLAN**  
SCALE: 1" = 20'

REVISIONS	

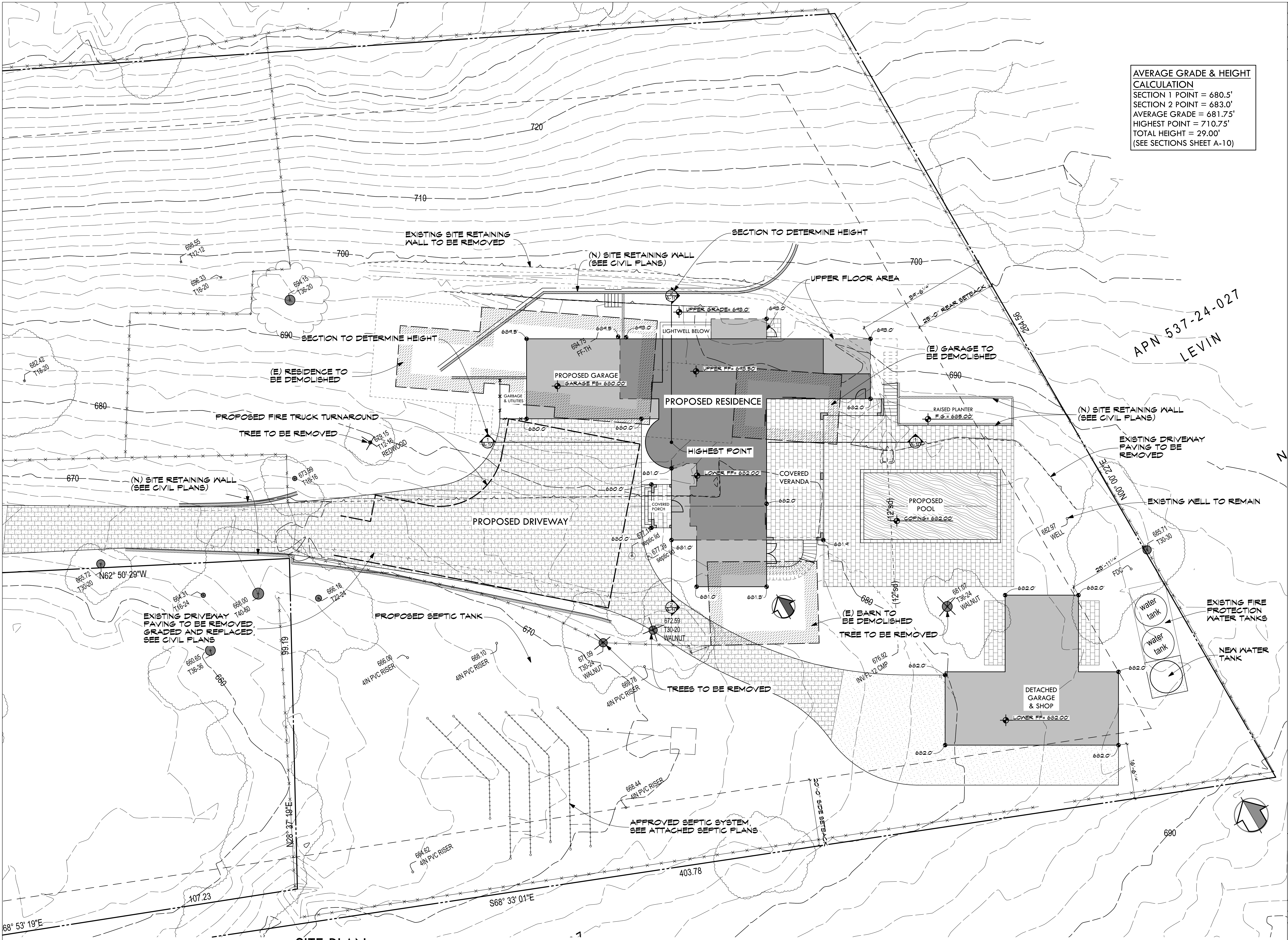
**KOHLSAAT & ASSOCIATES**  
51 UNIVERSITY AVE., T. • LOS GATOS, CA • 95030 • (408) 395-3555

A NEW RESIDENCE:  
**THE LAMBERT RESIDENCE**  
15100 SHANNON ROAD, LOS GATOS, CA

PLOT PLAN

DATE: 01/16/25  
SCALE: AS SHOWN  
SHEET  
**A-2**  
2 OF 2





AVERAGE GRADE & HEIGHT  
CALCULATION  
SECTION 1 POINT = 680.5'  
SECTION 2 POINT = 683.0'  
AVERAGE GRADE = 681.75'  
HIGHEST POINT = 710.75'  
TOTAL HEIGHT = 29.00'  
(SEE SECTIONS SHEET A-10)



COUNTY OF SANTA CLARA  
General Construction  
Specifications

**GENERAL CONDITIONS**

- ALL CONSTRUCTION WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE SOILS AND/OR GEOTECHNICAL REPORT PREPARED BY STEVENS FERRONE & BAILEY ENGINEERING COMPANY, INC. SFB PROJECT NO. 538-3 AND DATED FEBRUARY 10, 2012. THIS REPORT IS SUPPLEMENTED BY: 1) THESE PLANS AND SPECIFICATIONS, 2) THE COUNTY OF SANTA CLARA STANDARD DETAILS, 3) THE COUNTY OF SANTA CLARA STANDARD SPECS, 4) STATE OF CALIFORNIA STANDARD DETAILS, 5) STATE OF CALIFORNIA STANDARD SPECIFICATIONS. IN THE EVENT OF CONFLICT THE FORMER SHALL TAKE PRECEDENCE OVER THE LATTER. THE PERFORMANCE AND COMPLETION OF ALL WORK MUST BE TO THE SATISFACTION OF THE COUNTY.
- DEVELOPER IS RESPONSIBLE FOR INSTALLATION OF THE IMPROVEMENTS SHOWN ON THESE PLANS AND HE OR HIS SUCCESSOR PROPERTY OWNERS ARE RESPONSIBLE FOR THEIR CONTINUED MAINTENANCE.
- DEVELOPER SHALL BE RESPONSIBLE FOR CORRECTION OF ANY ERRORS OR OMISSIONS IN THESE PLANS. THE COUNTY SHALL BE AUTHORIZED TO REQUIRE DISCONTINUANCE OF ANY WORK AND SUCH CORRECTION AND MODIFICATION OF PLANS AS MAY BE NECESSARY TO COMPLY WITH COUNTY STANDARDS OR CONDITIONS OF DEVELOPMENT APPROVAL.
- DEVELOPER SHALL OBTAIN ENCROACHMENT PERMITS FROM THE SANTA CLARA VALLEY WATER DISTRICT AND CALIFORNIA DEPARTMENT OF TRANSPORTATION WHERE NEEDED. COPIES OF THESE PERMITS SHALL BE KEPT AT THE JOB SITE FOR REVIEW BY THE COUNTY'S INSPECTOR.
- DEVELOPER SHALL REMOVE OR TRIM ALL TREES TO PROVIDE AN UNOBSTRUCTED FIFTEEN (15) FOOT VERTICAL CLEARANCE FOR ROADWAY AREA.
- THIS PLAN AUTHORIZES THE REMOVAL OF ONLY THOSE TREES WITH TRUNK DIAMETERS GREATER THAN 12 INCHES MEASURED 4.5 FEET ABOVE THE GROUND THAT ARE SHOWN TO BE REMOVED UNLESS AN AMENDED PLAN IS APPROVED OR A SEPARATE TREE REMOVAL PERMIT IS OBTAINED FROM THE PLANNING OFFICE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT REMOVAL OF ADDITIONAL TREES HAS BEEN PERMITTED.
- DEVELOPER SHALL PROVIDE ADEQUATE DUST CONTROL AS REQUIRED BY THE COUNTY INSPECTOR.
- ALL PERSONS MUST COMPLY WITH SECTION 4442 OF THE PUBLIC RESOURCES CODE AND SECTION 13005 OF THE HEALTH AND SAFETY CODE RELATING TO THE USE OF SPARK ARRESTERS.
- UPON DISCOVERING OR UNEARTHING ANY BURIAL SITE AS EVIDENCED BY HUMAN SKELETAL REMAINS OR ARTIFACTS, THE PERSON MAKING SUCH DISCOVERY SHALL IMMEDIATELY NOTIFY THE COUNTY CORNER AT (408) 454-2520 AND LAND DEVELOPMENT ENGINEERING OFFICE AT (408) 299-5730. NO FURTHER DISTURBANCE OF THE SITE MAY BE MADE EXCEPT AS AUTHORIZED BY THE LAND DEVELOPMENT OFFICE IN ACCORD WITH PROVISIONS OF THIS ORDINANCE (COUNTY ORDINANCE CODE SECTION B6-18).
- THESE PLANS ARE FOR THE WORK DESCRIBED IN THE SCOPE OF WORK ONLY. A SEPARATE PERMIT WILL BE REQUIRED FOR THE SEPTIC LINE CONSTRUCTION.
- ANY DEVIATION FROM THESE APPROVED PLANS SHALL BE RE-APPROVED IN WRITING BY THE COUNTY ENGINEER PRIOR TO CONSTRUCTION.

**CONSTRUCTION STAKING**

- THE DEVELOPER'S ENGINEER IS RESPONSIBLE FOR THE INITIAL PLACEMENT AND REPLACEMENT OF CONSTRUCTION GRADE STAKES. THE STAKES ARE TO BE ADEQUATELY IDENTIFIED, LOCATED, STABILIZED, ETC. FOR THE CONVENIENCE OF CONTRACTORS. LATERAL OFFSET OF STAKES SET FOR CURBS AND GUTTERS SHALL NOT EXCEED 2 1/2 FEET FROM BACK OF CURB.
- ANY PROPERTY LINE STAKES OR ROAD MONUMENTS DISTURBED DURING CONSTRUCTION SHALL BE REPLACED BY DEVELOPER'S ENGINEER AND LICENSED LAND SURVEYOR.
- PROPERTY LINE STAKING MUST BE PERFORMED BY THE PROJECT ENGINEER OR LAND SURVEYOR TO ESTABLISH OR RE-ESTABLISH THE PROJECT BOUNDARY AND SHALL BE INSPECTED BY THE COUNTY INSPECTOR PRIOR TO THE BEGINNING OF THE WORK.
- PROPER CONSTRUCTION STAKES SHALL BE SET IN THE FIELD BY THE PROJECT ENGINEER OR LAND SURVEYOR AND VERIFIED BY THE COUNTY INSPECTOR PRIOR TO THE COMMENCEMENT OF GRADING.
- IN ACCORDANCE WITH THE CALIFORNIA PROFESSIONAL LAND SURVEYORS' ACT (BUSINESS AND PROFESSIONS CODE) CHAPTER 15 SECTIONS 8771 AND 8725.1, CALIFORNIA PENAL CODE 605, AND CALIFORNIA GOVERNMENT CODE 27581, ANY PERSON PERFORMING CONSTRUCTION ACTIVITIES THAT WILL OR MAY DISTURB AN EXISTING ROADWAY/STREET MONUMENT, PROPERTY CORNER, OR ANY OTHER PERMANENT SURVEYED MONUMENT AND/OR AS SHOWN ON THIS TENTATIVE MAP SHALL ENSURE THAT A CORNER RECORD AND/OR RECORD OF SURVEY ARE FILED WITH THE COUNTY SURVEYOR OFFICE PRIOR TO DISTURBING SAID MONUMENTS. ALL DISTURBED OR DESTROYED MONUMENTS SHALL BE RESET AND FILED IN COMPLIANCE WITH SECTION 8771.

**CONSTRUCTION INSPECTION**

- CONTRACTOR SHALL NOTIFY PERMIT INSPECTION UNIT, SANTA CLARA COUNTY PRIOR TO COMMENCING WORK AND FOR FINAL INSPECTION OF WORK AND SITE.
- THE COUNTY REQUIRES A MINIMUM OF 24 HOURS ADVANCE NOTICE FOR GENERAL INSPECTION, 48 HOURS FOR ASPHALT CONCRETE INSPECTION.
- INSPECTION BY SANTA CLARA COUNTY SHOULD BE LIMITED TO INSPECTION OF MATERIALS AND PROCESSES OF CONSTRUCTION TO OBSERVE THEIR COMPLIANCE WITH PLANS & SPECIFICATIONS BUT DOES NOT INCLUDE RESPONSIBILITY FOR THE SUPERINTENDENT OF CONSTRUCTION, SITE CONDITIONS, EQUIPMENT OR PERSONNEL. CONTRACTOR SHALL NOTIFY THE COUNTY LAND DEVELOPMENT INSPECTOR AT PHONE (408) 299-6868 AT LEAST 24 HOURS PRIOR TO COMMENCING WORK AND FOR FINAL INSPECTION OF WORK AND SITE.
- DEVELOPER AND/OR HIS AUTHORIZED REPRESENTATIVE MUST SUBMIT WRITTEN REQUEST FOR FINAL INSPECTION AND ACCEPTANCE. SAID REQUEST SHALL BE DIRECTED TO THE INSPECTION OFFICE NOTED ON THE PERMIT FORM.
- THE CONTRACTOR SHALL PROVIDE TO THE COUNTY CONSTRUCTION INSPECTOR WITH PAD ELEVATION AND LOCATION CERTIFICATES, PREPARED BY THE PROJECT ENGINEER OR LAND SURVEYOR, PRIOR TO COMMENCEMENT OF THE BUILDING FOUNDATION.

**SITE PREPARATION (CLEARING AND GRUBBING)**

- EXISTING TREES AUTHORIZED FOR REMOVAL, ROOTS, AND FOREIGN MATERIAL IN AREAS TO BE IMPROVED WILL BE REMOVED TO AN AUTHORIZED DISPOSAL SITE AS FOLLOWS:  
A) TO A MINIMUM DEPTH OF TWO FEET BELOW THE FINISHED GRADE OF PROPOSED ROADWAYS (EITHER PRIVATE OR TO BE DEDICATED TO PUBLIC USE)  
B) FROM AREAS AFFECTED BY THE PROPOSED GRADING EXCEPT WHERE NOTED ON THE PLANS.
- IT SHALL BE THE RESPONSIBILITY OF THE DEVELOPER TO MOVE OR RELOCATE UTILITY POLES AND OTHER OBSTRUCTIONS IN THE WAY OF CONSTRUCTION.

**UTILITY LOCATION, TRENCHING & BACKFILL**

- CONTRACTOR SHALL NOTIFY USA (UNDERGROUND SERVICE ALERT) AT 1-800-277-2600 A MINIMUM OF 24 HOURS BEFORE BEGINNING UNDERGROUND WORK FOR VERIFICATION OF THE LOCATION OF UNDERGROUND UTILITIES.
- ACCURATE VERIFICATION AS TO SIZE, LOCATION, AND DEPTH OF EXISTING UNDERGROUND CONDUITS OR FACILITIES SHALL BE THE INDIVIDUAL CONTRACTORS RESPONSIBILITY. PLAN LOCATIONS ARE APPROXIMATE AND FOR GENERAL INFORMATION ONLY.
- ALL UNDERGROUND INSTALLATIONS SHALL BE IN PLACE AND THE TRENCH BACKFILLED AND COMPACTED BEFORE PLACING AGGREGATE BASE MATERIAL OR SURFACE STRUCTURES. SURFACING MAY BE DONE IF THE UTILITY COMPANY CONCERNED INDICATES BY LETTER THAT IT WILL BORE, UNLESS SPECIFICALLY AUTHORIZED BY THE COUNTY. GAS AND WATER MAINS SHALL BE INSTALLED OUTSIDE THE PAVED AREAS.
- TRENCH BACKFILL IN EXISTING PAVEMENT AREAS SHALL BE SAND MATERIAL IN ACCORDANCE WITH THE APPLICABLE PROVISIONS OF THE STATE SPECIFICATIONS. THE STRUCTURAL SECTION FOR TRENCH REPLACEMENT SHALL CONSIST OF NOT LESS THAN 12 INCHES OF APPROVED AGGREGATE BASE MATERIAL COMPACTED TO A RELATIVE COMPACTION OF AT LEAST 95% AND 4 INCHES OF HOT ASPHALT CONCRETE PLACED IN TWO LIFTS. TRENCH RESTORATION FOR HIGHER TYPE PAVEMENTS SHALL BE MADE IN KIND OR AS DIRECTED BY THE COUNTY.
- TRENCH BACKFILL IN NEW CONSTRUCTION AREAS SHALL BE SAND MATERIAL COMPACTED TO A RELATIVE COMPACTION OF AT LEAST 90%. THE REQUIREMENT FOR SELECT MATERIAL MAY BE WAIVED BY COUNTY IF THE NATIVE SOIL IS SUITABLE FOR USE AS TRENCH BACKFILL BUT THE COMPACTION REQUIREMENTS WILL NOT BE THEREBY WAIVED.
- BACKFILL AND TRENCH RESTORATION REQUIREMENTS SHALL APPLY WITH MINIMUM STANDARDS TO ALL UNDERGROUND FACILITIES INSTALLED BY OTHER FIRMS OR PUBLIC AGENCIES.

**RETAINING WALLS**

- REINFORCED CONCRETE AND CONCRETE MASONRY UNIT RETAINING WALLS SHALL HAVE FOUNDATION AND REINFORCEMENT INSPECTED BY THE COUNTY ENGINEERING INSPECTOR AND ENGINEER OF RECORD PRIOR TO POURING THE FOUNDATION AND FORMING THE WALL.
- SEGMENTAL BLOCK RETAINING WALLS SHALL HAVE FOUNDATION AND REINFORCEMENT INSPECTED BY THE COUNTY ENGINEERING INSPECTOR.

**GRADING**

- EXCAVATED MATERIAL SHALL BE PLACED IN THE FILL AREAS DESIGNATED OR SHALL BE HAULED AWAY FROM THE SITE TO A COUNTY APPROVED DISPOSAL SITE. WHERE FILL MATERIAL IS TO BE PLACED ON NATURAL GROUND, IT SHALL BE STRIPPED OF ALL VEGETATION, TO ACHIEVE A PROPER BOND WITH THE FILL MATERIAL, THE SURFACE OF THE GROUND SHALL BE SCARIFIED TO DEPTH OF 6" BEFORE FILL IS PLACED. WHERE NATURAL GROUND IS STEEPER THAN 5:1, IT SHALL BE BENCHED AND THE FILL KEYED IN TO ACHIEVE STABILITY. WHERE NEW FILL IS TO BE PLACED ON EXISTING FILL THE EXISTING FILL SHALL BE REMOVED UNTIL MATERIAL COMPACTED TO 90% RELATIVE COMPACTION IS EXPOSED. THEN THE NEW FILL MATERIAL SHALL BE PLACED AS PER THESE CONSTRUCTION NOTES. FILL MATERIAL SHALL BE PLACED IN UNIFORM LIFTS NOT EXCEEDING 6" IN UNCOMPACTED THICKNESS. BEFORE COMPACTION BEGINS, THE FILL SHALL BE BROUGHT TO A WATER CONTENT THAT WILL PERMIT PROPER COMPACTION BY EITHER 1) AERATING THE FILL IF IT IS TOO WET OR 2) MISTENING THE FILL WITH WATER IF IT IS TOO DRY. EACH LIFT SHALL BE THOROUGHLY MIXED BEFORE COMPACTION TO ENSURE A UNIFORM DISTRIBUTION OF MOISTURE.
- SURPLUS EARTH FILL MATERIAL SHALL BE PLACED IN A SINGLE (8" MAX) THICK LAYER COMPACTED TO WITHSTAND WEATHERING IN THE AREA(S) Delineated ON THE PLAN.
- NO ORGANIC MATERIAL SHALL BE PLACED IN ANY FILL. NO TREES SHALL BE REMOVED OUTSIDE OF CUT, FILL OR ROADWAY AREAS.
- THE UPPER 6" OF SUBGRADE BELOW DRIVEWAY ACCESS ROAD OR PARKING AREA SHALL BE COMPACTED TO 95% OF MAXIMUM DENSITY.
- MAXIMUM CUT SLOPE SHALL BE 2 HORIZONTAL TO 1 VERTICAL. MAXIMUM FILL SLOPE SHALL BE 2 HORIZONTAL TO 1 VERTICAL.

LOCATION	CUT (C.Y.)	FILL (C.Y.)	VERT. DEPTH
RESIDENCE	654±	81±	11.9'±/5.9'±
DRIVEWAY	210±	784±	7.3'±/8.1'±
LANDSCAPING	173±	329±	10.4'±/7.6'±
ASSESSORY BUILDING	48±	8±	3.5'±/1.5'±
TOTAL	1,085±	1,182±	

NOTE: FILL VOLUMES INCLUDE 10% SHRINKAGE.

- EXCESS MATERIAL SHALL BE OFF HAULED TO A COUNTY APPROVED DUMP SITE.
- NOTIFY SOILS ENGINEER TWO (2) DAYS PRIOR TO COMMENCEMENT OF ANY GRADING WORK TO COORDINATE THE WORK IN THE FIELD.
- ALL MATERIALS FOR FILL SHOULD BE APPROVED BY THE SOILS ENGINEER BEFORE IT IS BROUGHT TO THE SITE.
- THE UPPER 6" OF THE SUBGRADE SOIL SHALL BE SCARIFIED, MOISTURE CONDITIONED AND COMPACTED TO A MINIMUM RELATIVE COMPACTION OF 95%.
- ALL AGGREGATE BASE MATERIAL SHALL BE COMPACTED TO A MINIMUM 95% RELATIVE COMPACTION.
- THE GEOTECHNICAL PLAN REVIEW LETTER MUST BE REVIEWED AND APPROVED BY THE COUNTY GEOLOGIST PRIOR TO FINAL APPROVAL BY THE COUNTY ENGINEER FOR BUILDING OCCUPANCY.
- THE PROJECT GEOTECHNICAL ENGINEER SHALL PERFORM COMPACTION TESTING AND PRESENT THE RESULTS TO THE COUNTY ENGINEERING INSPECTOR PRIOR TO THE CONSTRUCTION OF ANY PAVED AREA.
- GRADING WORK BETWEEN OCTOBER 15TH AND APRIL 15TH IS AT THE DISCRETION OF THE SANTA CLARA COUNTY GRADING OFFICIAL.
- TOTAL DISTURBED AREA FOR THE PROJECT 40,793 SF.
- VOID NO.
- THE INSPECTOR MAY VERIFY THAT A VALID NOTICE OF INTENT (NOI) HAS BEEN ISSUED BY THE STATE AND THAT A CURRENT AND UP TO DATE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) IS AVAILABLE ON SITE.

**TREE PROTECTION**

- FOR ALL TREES TO BE RETAINED WITH A CANOPY IN THE DEVELOPMENT AREA OR INTERFACES WITH THE LIMITS OF GRADING FOR ALL PROPOSED DEVELOPMENT ON SITE, THE TREES SHALL BE PROTECTED BY THE PLACEMENT OF RIGID TREE PROTECTIVE FENCING, CONSISTENT WITH THE COUNTY INTEGRATED LANDSCAPE GUIDELINES, AND INCLUDE THE FOLLOWING:  
A. FENCING SHOULD BE PLACED ALONG THE OUTSIDE EDGE OF THE DRUPLINE OF THE TREE OR GROVE OF TREES.  
B. THE FENCING SHALL BE MAINTAINED THROUGHOUT THE SITE CONSTRUCTION PERIOD AND SHALL BE INSPECTED PERIODICALLY FOR DAMAGE AND PROPER FUNCTION.  
C. FENCING SHALL BE REPAIRED, AS NECESSARY, TO PROVIDE A PHYSICAL BARRIER FROM CONSTRUCTION ACTIVITIES.  
D. SIGNAGE STATING "WARNING - THIS FENCING SHALL NOT BE REMOVED WITHOUT PERMISSION FROM THE SANTA CLARA COUNTY PLANNING OFFICE (408) 299-5770. COUNTY OF SANTA CLARA TREE PROTECTION MEASURES MAY BE FOUND AT <http://www.sccplanning.gov>." SHALL BE PLACED ON THE TREE PROTECTIVE FENCING UNTIL FINAL OCCUPANCY.
- PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION ACTIVITY, TREE PROTECTIVE FENCING SHALL BE SECURELY IN PLACE AND INSPECTED BY THE LAND DEVELOPMENT ENGINEERING INSPECTOR.
- SEE EXISTING TREE PROTECTION DETAILS FOR MORE INFORMATION.

**ACCESS ROADS AND DRIVEWAYS**

- DRIVEWAY LOCATIONS SHALL BE AS SHOWN ON THE IMPROVEMENT PLANS WITH CENTERLINE STATIONING. THE MINIMUM CONCRETE THICKNESS SHALL BE 6 INCHES THROUGHOUT (WITH A MAXIMUM APPROACH SLOPE OF 1 1/4 INCHES PER FOOT).
- ALL DRIVEWAY OR COMMON ACCESS ROAD SECTIONS IN EXCESS OF 15 LONGITUDINAL SLOPE MUST BE PAVED WITH A MINIMUM 2-INCH ASPHALT LIFT OR FULL DEPTH CONCRETE LIFT PRIOR TO ANY COMBUSTIBLE FRAMING.
- THE OWNER AND PRIME CONTRACTOR ARE RESPONSIBLE FOR MAINTAINING PROJECT SITE ACCESS AND NEIGHBORHOOD ACCESS FOR EMERGENCY VEHICLES AND LOCAL RESIDENTS.
- ROADWAYS DESIGNATED AS NOT COUNTY MAINTAINED ROADS AS SHOWN ON THE PLAN WILL NOT BE ELIGIBLE FOR COUNTY MAINTENANCE UNTIL THE ROADWAYS ARE IMPROVED (AT NO COST TO THE COUNTY) TO THE PUBLIC MAINTENANCE ROAD STANDARDS APPROVED BY THE BOARD OF SUPERVISORS AND IN EFFECT AT SUCH TIME THAT THE ROADWAYS ARE CONSIDERED FOR ACCEPTANCE INTO THE COUNTY'S ROAD SYSTEM.
- ALL WORK IN THE COUNTY ROAD RIGHT-OF-WAY REQUIRES AN ENCROACHMENT PERMIT FROM THE ROADS AND AIRPORTS DEPARTMENT. EACH INDIVIDUAL ACTIVITY REQUIRES A SEPARATE PERMIT - I.E. CABLE, ELECTRICAL, GAS, SEWER, WATER, RETAINING WALLS, DRIVEWAY APPROACHES, FENCES, LANDSCAPING, TREE REMOVAL, STORM DRAINAGE IMPROVEMENTS, ETC..

**STREET LIGHTING**

- PACIFIC GAS & ELECTRIC ELECTRICIAN SERVICE FEE SHALL BE PAID BY THE DEVELOPER AND/OR HIS AUTHORIZED REPRESENTATIVE.

**SANITARY SEWER**

- THE SANITARY SEWER AND WATER UTILITIES SHOWN ON THESE PLANS ARE NOT PART OF THIS GRADING PERMIT AND ARE SHOWN FOR REFERENCE ONLY.
- ALL MATERIALS AND METHODS OF SANITARY SEWERS SHALL CONFORM TO THE SPECIFICATIONS OF THE JURISDICTION INVOLVED. INSPECTION OF SANITARY SEWER WORK SHALL BE DONE BY SAID JURISDICTION.

**PORTLAND CEMENT CONCRETE**

- CONCRETE USED FOR STRUCTURAL PURPOSES SHALL BE CLASS "A" (6 SACK PER CUBIC YARD) AS SPECIFIED IN THE STATE STANDARD SPECIFICATIONS. CONCRETE PLACED MUST DEVELOP A MINIMUM STRENGTH FACTOR OF 2800 PSI IN A SEVEN-DAY PERIOD. THE CONCRETE MIX DESIGN SHALL BE UNDER THE CONTINUAL CONTROL OF THE COUNTY INSPECTOR.

**AIR QUALITY, LANDSCAPING AND EROSION CONTROL**

- WATER ALL ACTIVE CONSTRUCTION AREAS AT LEAST TWICE DAILY.
- COVER ALL TRUCKS HAULING SOIL, SAND, AND OTHER LOOSE MATERIALS OR REQUIRE ALL TRUCKS TO MAINTAIN AT LEAST TWO FEET OF FREEBOARD.
- PAVE, APPLY WATER THREE TIMES DAILY, OR APPLY (NON-TOXIC) SOIL STABILIZERS ON ALL UNPAVED ACCESS ROADS, PARKING AREAS AND STAGING AREAS AT CONSTRUCTION SITES.
- SWEEP DAILY (WITH WATER SWEEPERS) ALL PAVED ACCESS ROADS, PARKING AREAS AND STAGING AREAS AT CONSTRUCTION SITES. THE USE OF DRY POWDER SWEEPING IS PROHIBITED.
- SWEEP STREETS DAILY (WITH WATER SWEEPERS) IF VISIBLE SOIL MATERIAL IS CARRIED ONTO ADJACENT PUBLIC STREETS. THE USE OF DRY POWDER SWEEPING IS PROHIBITED.
- ALL CONSTRUCTION VEHICLES, EQUIPMENT AND DELIVERY TRUCKS SHALL HAVE A MAXIMUM IDLING TIME OF 5 MINUTES (AS REQUIRED BY THE CALIFORNIA AIRBORNE TOXIC CONTROL MEASURE TITLE 13, SECTION 2485 OF CALIFORNIA CODE OF REGULATIONS (CCR)). ENGINES SHALL BE SHUT OFF IF CONSTRUCTION REQUIRES LONGER IDLING TIME UNLESS NECESSARY FOR PROPER OPERATION OF THE VEHICLE.
- ALL VEHICLE SPEEDS ON UNPAVED ROADS SHALL BE LIMITED TO 15 MILES PER HOUR.
- ALL CONSTRUCTION EQUIPMENT SHALL BE MAINTAINED AND PROPERLY TUNED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS. ALL EQUIPMENT SHALL BE CHECKED BY A CERTIFIED MECHANIC AND DETERMINED TO BE RUNNING IN PROPER CONDITION PRIOR TO OPERATION.
- POST A SIGN THAT IS AT LEAST 32 SQUARE FEET MINIMUM 2 INCHES LETTER HEIGHT VISIBLE NEAR THE ENTRANCE OF CONSTRUCTION SITE THAT IDENTIFIES THE FOLLOWING REQUIREMENTS: OBTAIN ENCROACHMENT PERMIT FOR SIGN FROM ROADS DEPARTMENT OR OTHER APPLICABLE AGENCY IF REQUIRED.
- 15 MILES PER HOUR (MPH) SPEED LIMIT
- 5 MINUTES MAXIMUM IDLING TIME OF VEHICLES
- TELEPHONE NUMBER TO CONTACT THE BAY AREA AIR QUALITY MANAGEMENT DISTRICT REGARDING DUST COMPLAINTS. NOTE PHONE NUMBER OF THE BAY AREA AIR QUALITY MANAGEMENT DISTRICT AIR POLLUTION COMPLAINT HOTLINE OF 1-800-334-3631.
- ALL FILL SLOPES SHALL BE COMPACTED AND LEFT IN A SMOOTH AND FIRM CONDITION CAPABLE OF WITHSTANDING WEATHERING.
- ALL EXPOSED DISTURBED AREAS SHALL BE SEEDED WITH BROME SEED SPREAD AT THE RATE OF 5 LB. PER 1000 SQUARE FEET (OR APPROVED EQUIV). SEEDING AND WATERING SHALL BE MAINTAINED AS REQUIRED TO ENSURE GROWTH.
- ALL DITCHES SHALL BE LINED PER COUNTY STANDARD SDB.
- ALL STORM DRAINAGE STRUCTURES SHALL BE INSTALLED WITH EFFECTIVE ENTRANCE & OUTFALL EROSION CONTROLS E.G. SACKED CONCRETE RIP-RAP. ENERGY DISSIPATERS SHALL BE INSTALLED AT ALL DITCH OUTFALLS. WHERE OUTFALLS ARE NOT INTO AN EXISTING CREEK OR WATER COURSE, RUNOFF SHALL BE RELEASED TO SHEET FLOW.
- PRIOR TO GRADING COMPLETION AND RELEASE OF THE BOND, ALL GRADED AREAS SHALL BE RESEDED IN CONFORMANCE WITH THE COUNTY GRADING ORDINANCE TO MINIMIZE THE VISUAL IMPACTS OF THE GRADE SLOPES AND REDUCE THE POTENTIAL FOR EROSION OF THE SUBJECT SITE.
- PERMANENT LANDSCAPING SHOWN ON THE ATTACHED LANDSCAPE PLAN MUST BE INSTALLED AND FIELD APPROVED BY THE COUNTY PLANNING OFFICE PRIOR TO FINAL APPROVAL BY THE COUNTY ENGINEER, AND FINAL OCCUPANCY RELEASE BY THE BUILDING INSPECTION OFFICE.
- THE OWNER SHALL PREPARE AND PRESENT A WINTERIZATION REPORT TO THE COUNTY INSPECTOR FOR REVIEW PRIOR TO OCTOBER 15TH OF EVERY YEAR.
- THE OWNER, CONTRACTOR, AND ANY PERSON PERFORMING CONSTRUCTION ACTIVITIES SHALL INSTALL AND MAINTAIN CONSTRUCTION BEST MANAGEMENT PRACTICES (BMPs) ON THE PROJECT SITE AND WITHIN THE SANTA CLARA COUNTY ROAD RIGHT-OF-WAY THROUGHOUT THE DURATION OF THE CONSTRUCTION AND UNTIL THE ESTABLISHMENT OF PERMANENT STABILIZATION AND SEDIMENT CONTROL TO PREVENT THE DISCHARGE OF POLLUTANTS INCLUDING SEDIMENT, CONSTRUCTION MATERIALS, EXCAVATED MATERIALS, AND WASTE INTO THE SANTA CLARA COUNTY RIGHT-OF-WAY, STORM SEWER WATERWAYS, ROADWAY INFRASTRUCTURE. BMPs SHALL INCLUDE, BUT NOT BE LIMITED TO THE FOLLOWING:  
A. PREVENTION OF POLLUTANTS IN STORM WATER DISCHARGES FROM THE CONSTRUCTION SITE AND THE CONTRACTOR'S MATERIAL AND EQUIPMENT LAYDOWN / STAGING AREAS.  
B. PREVENTION OF TRACKING OF MUD, DIRT, AND CONSTRUCTION MATERIALS ONTO THE PUBLIC ROAD RIGHT-OF-WAY.  
C. PREVENTION OF DISCHARGE OF WATER RUN-OFF DURING DRY AND WET WEATHER CONDITIONS ONTO THE PUBLIC ROAD RIGHT-OF-WAY.
- THE OWNER, CONTRACTOR, AND ANY PERSON PERFORMING CONSTRUCTION ACTIVITIES SHALL ENSURE THAT ALL TEMPORARY CONSTRUCTION FACILITIES, INCLUDING BUT NOT LIMITED TO CONSTRUCTION MATERIALS, DELIVERIES, HAZARDOUS AND NON-HAZARDOUS MATERIAL STORAGE, EQUIPMENT, TOOLS, PORTABLE TOILETS, CONCRETE WASHOUT, GARBAGE CONTAINERS, LAYDOWN YARDS, SECONDARY CONTAINMENT AREAS, ETC. ARE LOCATED OUTSIDE THE SANTA CLARA COUNTY ROAD RIGHT-OF-WAY.
- EROSION CONTROL PLAN IS A GUIDE, AND SHALL BE AMENDED AS NECESSARY TO PREVENT EROSION AND LLOTT DISCHARGED ON A YEAR AROUND BASIS, DEPENDING ON THE SEASON, WEATHER, AND FIELD CONDITIONS. EROSION CONTROL MEASURES IN ADDITION TO THOSE NOTED IN THE PERMITTED PLANS MAY BE NECESSARY. FAILURE TO INSTALL SITE AND SITUATIONALLY APPROPRIATE EROSION CONTROL MEASURES MAY RESULT IN VIOLATIONS, FINES, AND A STOPPAGE OF WORK.

**STORM DRAINAGE AND STORMWATER MANAGEMENT**

- DEVELOPER IS RESPONSIBLE FOR ALL NECESSARY DRAINAGE FACILITIES WHETHER SHOWN ON THE PLANS OR NOT AND HE OR HIS SUCCESSOR PROPERTY OWNERS ARE RESPONSIBLE FOR THE ADEQUACY AND CONTINUED MAINTENANCE OF THESE FACILITIES IN A MANNER WHICH WILL PRECLUDE ANY HAZARD TO LIFE, HEALTH, OR DAMAGE TO ADJOINING PROPERTY, CONSISTENT WITH NPDES PERMIT CAGB2008 / ORDER NO. R2-2009-0047 AND NPDES PERMIT CAGS000004 / ORDER NO. 2013-0001-DWQ.
- DROP INLETS SHALL BE COUNTY STANDARD TYPE 5 UNLESS OTHERWISE NOTED ON THE PLANS. THE DEVELOPER'S ENGINEER SHALL BE RESPONSIBLE FOR THE PROPER LOCATION OF DROP INLETS, WHERE STREET PROFILE, GRADE EXCEEDS 6% DROP INLETS SHALL BE SET AT 500 ANGLE CURB LINE TO ACCEPT WATER OR AS SHOWN ON THE PLANS.
- WHERE CULVERTS ARE INSTALLED THE DEVELOPER SHALL BE RESPONSIBLE FOR GRADING THE OUTLET DITCH TO DRAIN TO AN EXISTING SWALE OR TO AN OPEN AREA FOR SHEET FLOW. UPON INSTALLATION OF DRIVEWAY CONNECTIONS, PROPERTY OWNERS SHALL PROVIDE FOR THE UNINTERRUPTED FLOW OF WATER IN ROADSIDE DITCHES.
- THE COUNTY SHALL INSPECT UNDERGROUND DRAINAGE IMPROVEMENTS AND STORMWATER MANAGEMENT FEATURES PRIOR TO BACKFILL.

**AS-BUILT PLANS STATEMENT**

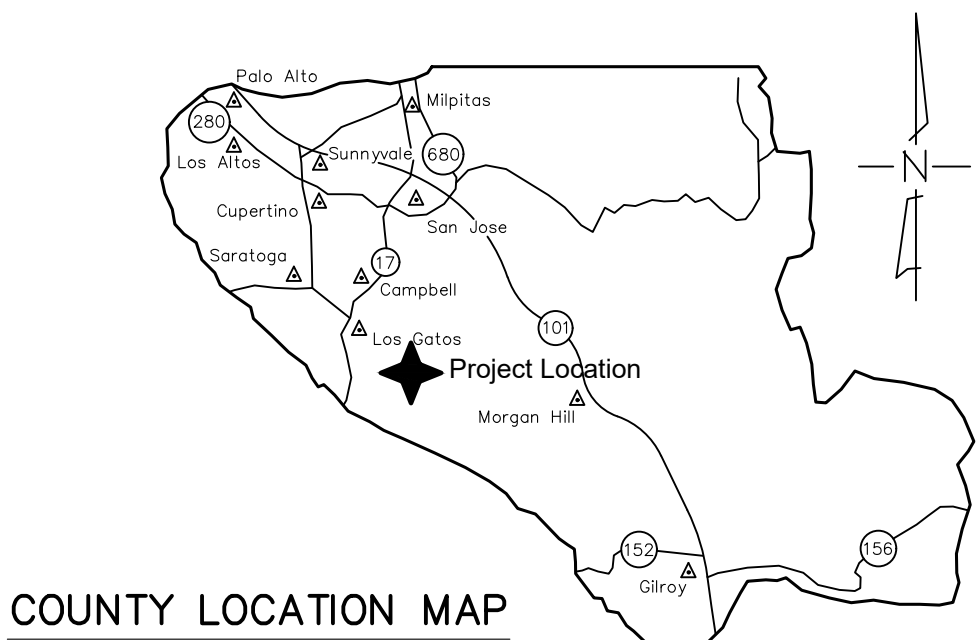
THIS IS A TRUE COPY OF THE AS-BUILT PLANS. THERE (\_\_\_) WERE (\_\_\_) WERE NOT) MINOR FIELD CHANGES AS MARKED WITH THE SYMBOLS (X). THERE (\_\_\_) WERE (\_\_\_) WERE NOT) PLAN REVISIONS INDICATING SIGNIFICANT CHANGES REVIEWED BY THE COUNTY ENGINEER AND MARKED WITH THE SYMBOL Δ.

DATE \_\_\_\_\_ SIGNATURE \_\_\_\_\_

NOTE: THIS STATEMENT IS TO BE SIGNED BY THE PERSON AUTHORIZED BY THE COUNTY ENGINEER TO PERFORM THE INSPECTION WORK. A REPRODUCIBLE COPY OF THE AS-BUILT PLANS MUST BE FURNISHED TO THE COUNTY ENGINEER AFTER CONSTRUCTION.

**GEOTECHNICAL ENGINEER OBSERVATION**

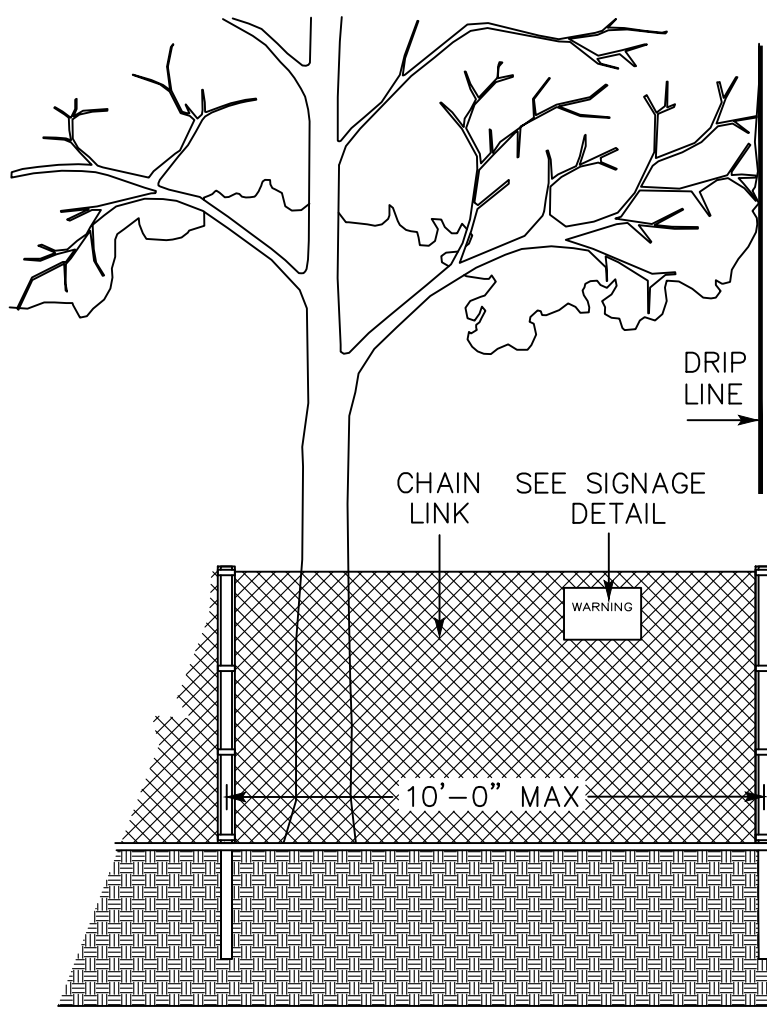
- A CONSTRUCTION OBSERVATION LETTER FROM THE RESPONSIBLE GEOTECHNICAL ENGINEER AND ENGINEERING GEOLOGIST DETAILING CONSTRUCTION OBSERVATIONS AND CERTIFYING THAT THE WORK WAS DONE IN ACCORDANCE WITH THE RECOMMENDATIONS IN THE GEOTECHNICAL AND GEOLOGIC REPORTS SHALL BE SUBMITTED PRIOR TO THE GRADING COMPLETION AND RELEASE OF THE BOND.



COUNTY LOCATION MAP

**SURVEY MONUMENT PRESERVATION**

- THE LANDOWNER/CONTRACTOR MUST PROTECT AND ENSURE THE PERPETUATION OF SURVEY MONUMENTS AFFECTED BY CONSTRUCTION ACTIVITIES.
- PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL LOCATE, STAKE, AND FLAG ALL PERMANENT SURVEY MONUMENTS OF RECORD AND ANY UNRECORDED MONUMENTS THAT ARE DISCOVERED THAT ARE WITHIN 50 FEET OF THE CONSTRUCTION ACTIVITY.
- THE LANDOWNER, CONTRACTOR AND/OR ANY PERSON PERFORMING CONSTRUCTION ACTIVITIES THAT WILL OR MAY DISTURB AN EXISTING MONUMENT, CORNER STAKE, OR ANY OTHER PERMANENT SURVEYED MONUMENT SHALL CAUSE TO HAVE A LICENSED LAND SURVEYOR OR CIVIL ENGINEER, AUTHORIZED TO PRACTICE SURVEYING, ENSURE THAT A CORNER RECORD AND/OR RECORD OF SURVEY ARE FILED WITH THE COUNTY SURVEYOR'S OFFICE PRIOR TO DISTURBING SAID MONUMENTS AND RESET PERMANENT MONUMENT(S) TO PERPETUATE THE LOCATION IF ANY PERMANENT MONUMENT COULD BE DESTROYED, DAMAGED, COVERED, DISTURBED, OR OTHERWISE OBLITERATED. THE LICENSED LAND SURVEYOR OR CIVIL ENGINEER SHALL FILE A CORNER RECORD OR RECORD OF SURVEY WITH COUNTY SURVEYOR PRIOR TO FINAL ACCEPTANCE OF THE PROJECT BY THE LAND DEVELOPMENT ENGINEERING INSPECTOR.



**EXISTING TREE PROTECTION DETAILS**

- PRIOR TO THE COMMENCEMENT OF ANY GRADING, TREE PROTECTIVE FENCING SHALL BE IN PLACE IN ACCORDANCE WITH THE TREE PRESERVATION PLAN AND INSPECTED BY A CERTIFIED ARBORIST. THE ARBORIST SHALL MONITOR CONSTRUCTION ACTIVITY TO ENSURE THAT THE TREE PROTECTION MEASURES ARE IMPLEMENTED AND ADHERED TO DURING CONSTRUCTION. THIS CONDITION SHALL BE INCORPORATED INTO THE GRADING PLANS.
- FENCE SHALL BE MINIMUM 5 FEET TALL CONSTRUCTED OF STURDY MATERIAL (CHAIN-LINK OR EQUIVALENT STRENGTH / DURABILITY).
- FENCE SHALL BE SUPPORTED BY VERTICAL POSTS DRIVEN 2 FEET (MIN) INTO THE GROUND AND SPACED NOT MORE THAN 10 FEET APART.
- TREE FENCING SHALL BE MAINTAINED THROUGHOUT THE SITE DURING THE CONSTRUCTION PERIOD, INSPECTED PERIODICALLY FOR DAMAGE AND PROPER FUNCTION, REPAIRING AS NECESSARY TO PROVIDE A PHYSICAL BARRIER FROM CONSTRUCTION ACTIVITIES, AND REMAIN IN PLACE UNTIL THE FINAL INSPECTION.
- A SIGN THAT INCLUDES THE WORDS, "WARNING: THIS FENCE SHALL NOT BE REMOVED WITHOUT THE EXPRESSED PERMISSION OF THE SANTA CLARA COUNTY PLANNING OFFICE," SHALL BE SECURELY ATTACHED TO THE FENCE IN A VISUALLY PROMINENT LOCATION.

COUNTY OF SANTA CLARA DEPT. OF ROADS AND AIRPORTS

ISSUED BY: \_\_\_\_\_ DATE: \_\_\_\_\_

ENCROACHMENT PERMIT NO. \_\_\_\_\_

COUNTY OF SANTA CLARA  
LAND DEVELOPMENT ENGINEERING & SURVEYING

GRADING/DRAINAGE PERMIT NO. \_\_\_\_\_

ISSUED BY: \_\_\_\_\_ DATE: \_\_\_\_\_

NO WORK SHALL BE DONE IN THE COUNTY'S RIGHT-OF-WAY WITHOUT AN ENCROACHMENT PERMIT, INCLUDING THE STAGING OF CONSTRUCTION MATERIAL AND THE PLACEMENT OF PORTABLE TOILETS.

**ENGINEER'S STATEMENT**

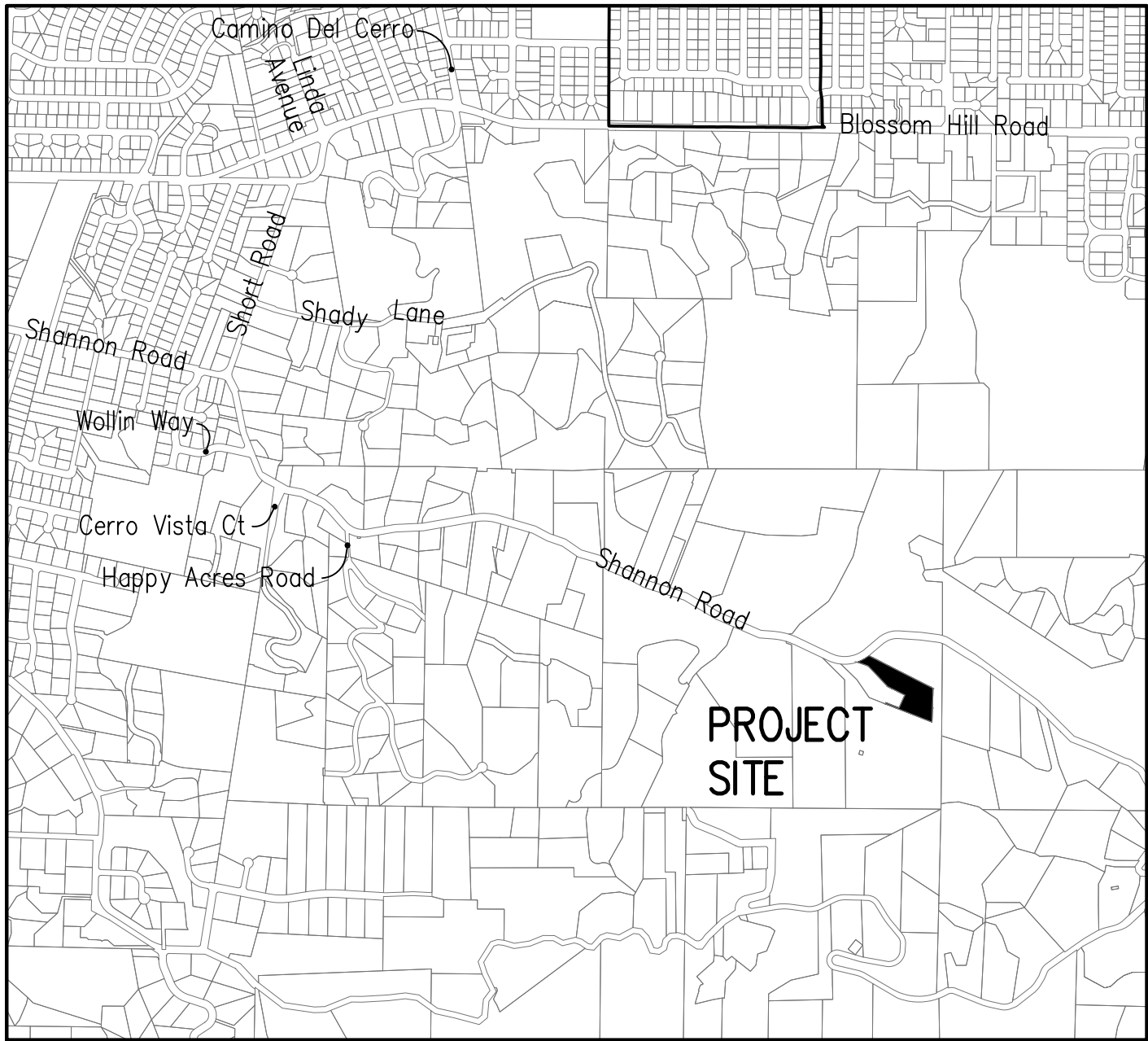
I HEREBY STATE THAT THESE PLANS ARE IN COMPLIANCE WITH ADOPTED COUNTY STANDARDS, THE APPROVED TENTATIVE MAP (OR PLAN) AND CONDITIONS OF APPROVAL PERTAINING THERETO DATED \_\_\_\_\_ FILE(S) NO. \_\_\_\_\_

DATE \_\_\_\_\_ 69278  
R.C.E. NO. \_\_\_\_\_

**COUNTY ENGINEER'S NOTE**

ISSUANCE OF A PERMIT AUTHORIZING CONSTRUCTION DOES NOT RELEASE THE DEVELOPER, PERMITEE OF ENGINEER FROM RESPONSIBILITY FOR THE CORRECTION OF ERRORS OR OMISSIONS CONTAINED IN THE PLANS. IF, DURING THE COURSE OF CONSTRUCTION, THE PUBLIC INTEREST REQUIRES A MODIFICATION OF (OR DEPARTURE FROM) THE SPECIFICATIONS OF THE PLANS, THE COUNTY SHALL HAVE THE AUTHORITY TO REQUIRE THE SUSPENSION OF WORK, AND THE NECESSARY MODIFICATION OR DEPARTURE AND TO SPECIFY THE MANNER IN WHICH THE SAME IS TO BE MADE.

DATE \_\_\_\_\_ DARRELL K.H. WONG  
R.C.E. NO. 63958  
EXPIRES 9/30/22



VICINITY MAP  
NO SCALE

**SCOPE OF WORK**

- THE DEVELOPER IS RESPONSIBLE FOR THE INSTALLATION OF THE WORK PROPOSED ON THE EROSION CONTROL PLAN. THE ENGINEER OF RECORD IS RESPONSIBLE FOR THE DESIGN OF THE EROSION CONTROL PLANS AND ANY MODIFICATIONS OF THE EROSION CONTROL PLANS TO PREVENT ILLICIT DISCHARGES FROM THE SITE DURING CONSTRUCTION.
- A CONSTRUCTION OBSERVATION LETTER FROM THE RESPONSIBLE GEOTECHNICAL ENGINEER AND CERTIFIED ENGINEERING GEOLOGIST DETAILING CONSTRUCTION OBSERVATIONS AND CERTIFYING THAT THE WORK WAS DONE IN ACCORDANCE WITH THE RECOMMENDATIONS IN THE GEOTECHNICAL AND GEOLOGICAL REPORTS SHALL BE SUBMITTED PRIOR TO GRADING COMPLETION AND RELEASE OF BOND.
- CLEAR AND GRUB BUILDING PAD AND DRIVEWAY.
- BUILDING PAD AND DRIVEWAY GRADING.
- CONSTRUCT DRIVEWAY
- INSTALL WATER TANK
- INSTALL WHARF FIRE HYDRANT
- INSTALL SEPTIC TANK AND LEACHFIELD
- CONSTRUCT RETAINING WALL
- CONSTRUCT POOL

**SEPARATE BUILDING PERMIT**

**SHEET INDEX**

1	COVER SHEET
2	EXISTING CONDITIONS & DEMOLITION PLAN
3	PRELIMINARY GRADING & DRAINAGE PLAN
4	CROSS SECTIONS & NOTES
5	PROFILE
6	EROSION CONTROL PLAN

**BMP1&2 BEST MANAGEMENT PRACTICES**

ENGINEER'S NAME: HANNA - BRUNETTI

ADDRESS: 7651 EIGLEBERRY STREET, GILROY CA 95020

PHONE NO. 408 842-2173  
FAX NO. 408 842-3662

**PRELIMINARY  
IMPROVEMENT PLANS**

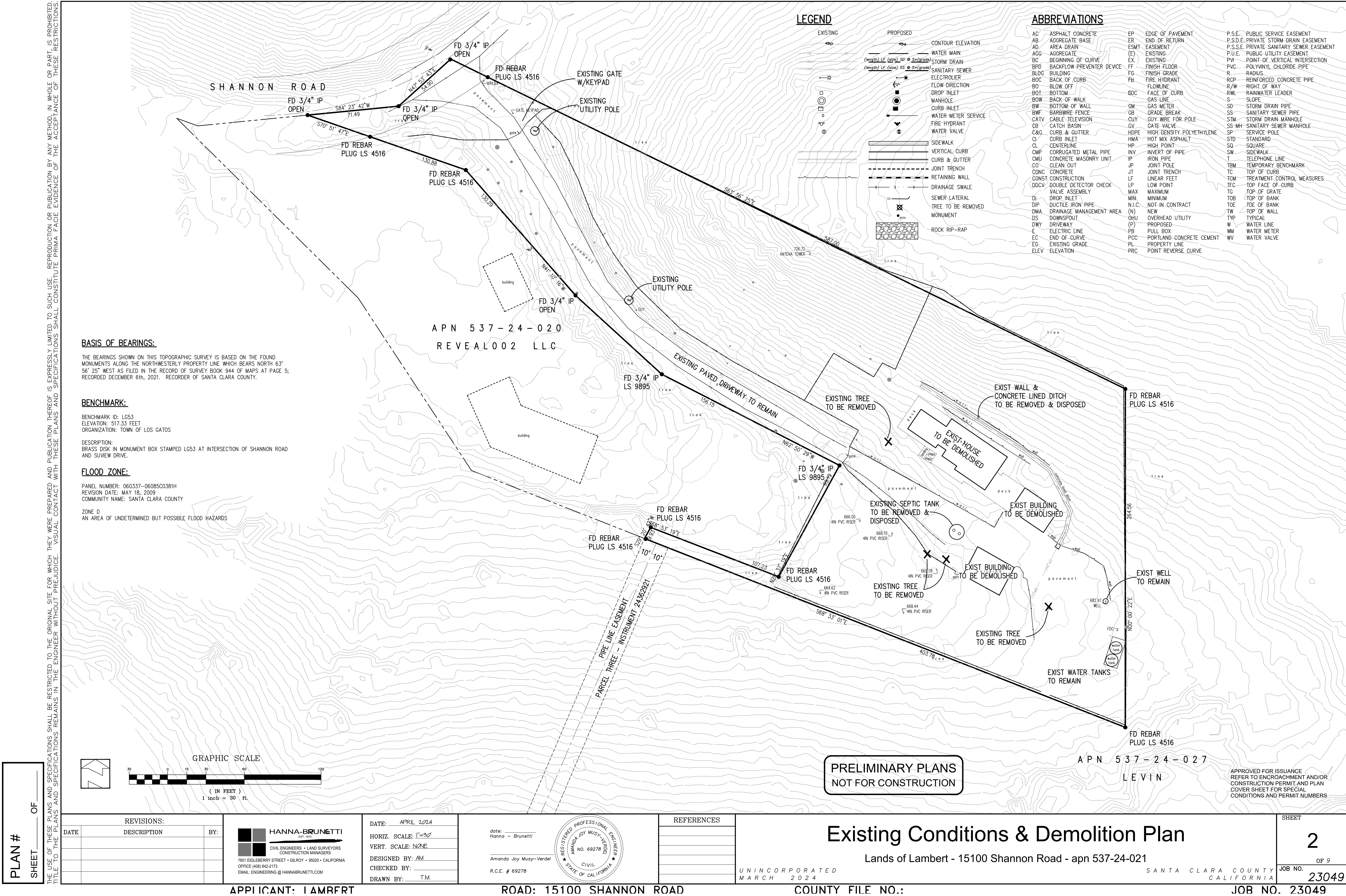
FOR THE  
HOME GRADING AND DRAINAGE  
ON THE LANDS OF LAMBERT  
15100 SHANNON ROAD, LOS GATOS

PARCEL B, AS SAID PARCEL IS SHOWN ON THE MAP FILED FOR RECORD SEPTEMBER 20, 1972 IN BOOK 309 OF MAPS, AT PAGE 5  
SANTA CLARA COUNTY, CALIFORNIA  
A.P.N.: 537-24-021

MARCH 2023			NO SCALE
Revision 1	Date	APN	Sheet
Revision 2	Date	537-24-021	1
Revision 3	Date	Co. File	of
		x	9











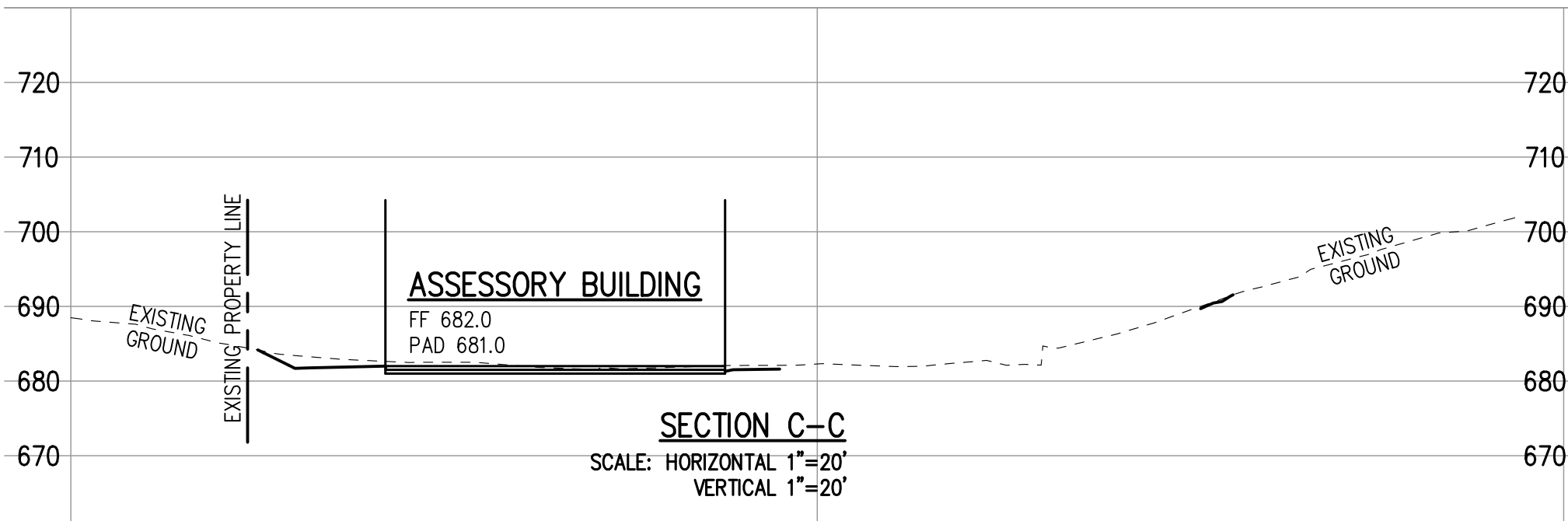
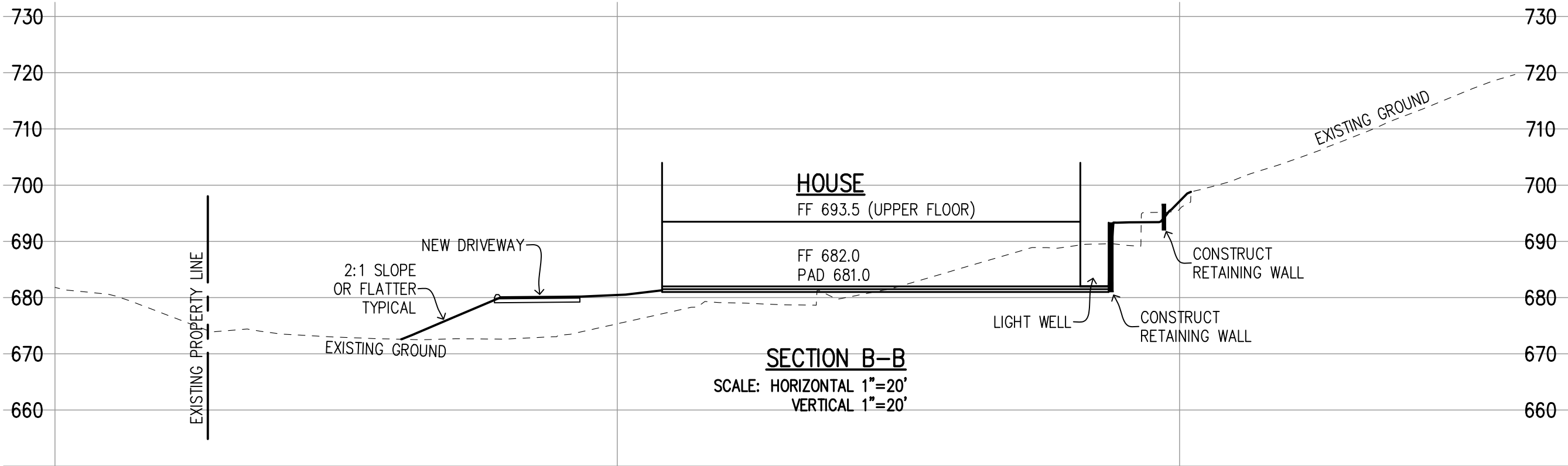
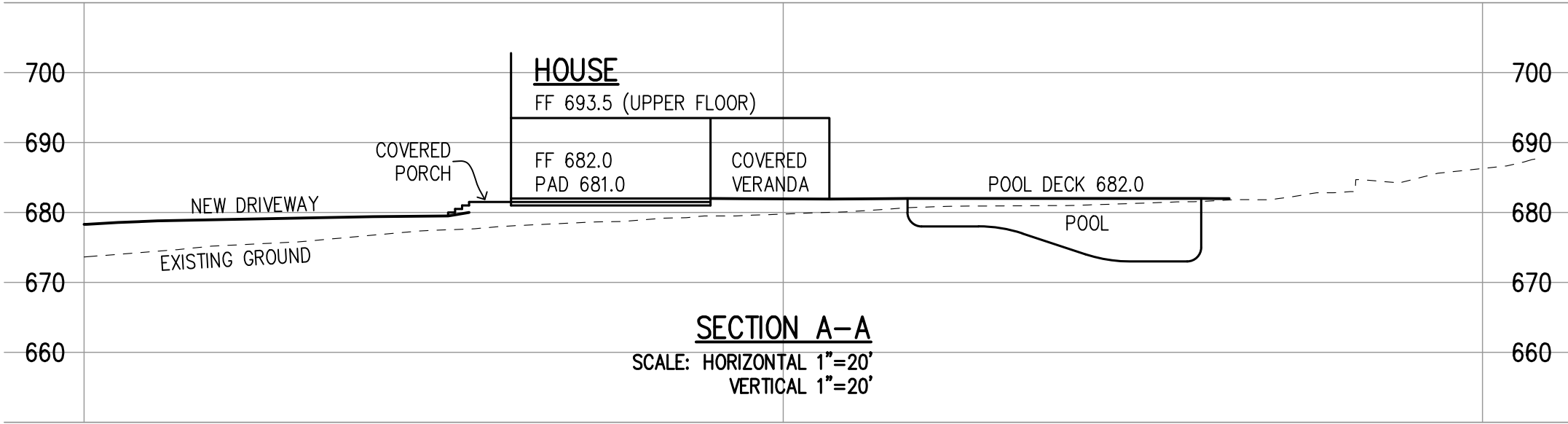


PLAN # \_\_\_\_\_  
SHEET \_\_\_\_\_ OF \_\_\_\_\_

1. THE LOCATION OF THE BUILDING PADS AND/OR FOUNDATIONS ARE TO BE ESTABLISHED BY A PERSON AUTHORIZED TO PRACTICE LAND SURVEYING. A LETTER SIGNING AND SEALED BY THAT AUTHORIZED PERSON, STATING HE/SHE HAS LOCATED THE BUILDING CORNERS, AND THEIR LOCATIONS CONFORM TO COUNTY BUILDING SETBACK REQUIREMENTS PER THE APPROVED BUILDING PLANS IS REQUIRED TO BE SUBMITTED TO THE COUNTY ENGINEER.
2. 'THIS PLAN AUTHORIZES THE REMOVAL OF ONLY THOSE TREES WITH TRUNK DIAMETERS GREATER THAN 12 INCHES MEASURED 4.5 FEET ABOVE GROUND WHICH ARE SHOWN TO BE REMOVED. ANY OTHER SUCH TREES ARE NOT TO BE REMOVED UNLESS AN AMENDED PLAN IS APPROVED OR A SEPARATE TREE REMOVAL PERMIT IS OBTAINED FROM THE PLANNING DEPARTMENT. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT REMOVAL OF ADDITIONAL TREES HAS BEEN PERMITTED.'
3. NO TREES ARE TO BE REMOVED
4. PRIOR TO GRADING COMPLETION AND RELEASE OF BOND, ALL GRADED AREAS SHALL BE PEESEDED IN CONFORMANCE WITH THE COUNTY GRADING ORDINANCE TO MINIMIZE THE VISUAL IMPACTS OF THE GRADED SLOPES AND REDUCE THE POTENTIAL FOR EROSION ON THE SUBJECT SITE.
5. BOTH DRAINFIELDS MUST BE STAKED AND STRUNG PRIOR TO APPROVAL OF THE SEPTIC DESIGN TO VERIFY THAT THE PROPOSED SEPTIC DESIGN WILL ACTUALLY FIT INTO THE PROPOSED LEACHFIELD AREA, AND CONFORM TO ALL REQUIRED SETBACKS.
6. IF ARCHAEOLOGICAL RESOURCES OR HUMAN REMAINS ARE DISCOVERED DURING CONSTRUCTION, WORK SHALL BE HALTED AND THE COUNTY ENGINEER (150 FEET) OF THE FIND UNTIL IT CAN BE EVALUATED BY A QUALIFIED ARCHAEOLOGIST. IF THE FIND IS DETERMINED TO BE SIGNIFICANT, APPROPRIATE MITIGATION MEASURES SHALL BE FORMULATED AND IMPLEMENTED.
7. NOTIFY SOILS ENGINEER TWO (2) DAYS PRIOR TO COMMENCEMENT OF ANY GRADING WORK TO COORDINATE THE WORK IN THE FIELD.
8. ALL MATERIALS FOR FILL SHOULD BE APPROVED BY THE SOILS ENGINEER BEFORE IT IS BROUGHT TO THE SITE.
9. IN THE EVENT THAT ARCHAEOLOGICAL FEATURES SHOULD BE DISCOVERED AT ANY TIME DURING THE GRADING, SCRAPING OR EXCAVATION, ALL WORK SHOULD BE HALTED IN THE VICINITY OF THE DISCOVERY AND AN ARCHAEOLOGIST SHOULD BE CONTACTED IMMEDIATELY TO EVALUATE THE DISCOVERED MATERIAL TO ASSESS ITS AREA, EXTENT, CONDITION, AND SCIENTIFIC SIGNIFICANCE. IF THE DISCOVERED MATERIAL IS DEEMED POTENTIALLY SIGNIFICANT, A QUALIFIED ARCHAEOLOGIST SHOULD MONITOR ANY SUBSEQUENT ACTIVITY IN THE PROXIMITY.
10. IN THE EVENT THAT HUMAN SKELETAL REMAINS ARE ENCOUNTERED, THE APPLICANT IS REQUIRED BY COUNTY ORDINANCE NO. BE-18 TO IMMEDIATELY NOTIFY THE COUNTY CORNER. UPON DETERMINATION BY THE COUNTY CORNER THAT THE REMAINS ARE NATIVE AMERICAN, THE CORNER SHOULD CONTACT THE CANYON NATIVE CEMETERY HERITAGE COMMISSION, PURSUANT TO SUBDIVISION (C) OF SECTION 7050.5 OF THE HEALTH AND SAFETY CODE AND THE COUNTY COORDINATOR OF INDIAN AFFAIRS. NO FURTHER DISTURBANCE OF THE SITE MAY BE MADE EXCEPT AS AUTHORIZED BY THE COUNTY CHAPTER. IF ARTIFACTS ARE FOUND ON THE SITE A QUALIFIED ARCHAEOLOGIST SHOULD BE CONTACTED IMMEDIATELY WITH THE COUNTY PLANNING OFFICE. NO FURTHER DISTURBANCE OF THE ARTIFACTS MAY BE MADE EXCEPT AS AUTHORIZED BY THE COUNTY PLANNING OFFICE.
11. THESE PLANS ARE FOR THE WORK DESCRIBED IN THE SCOPE OF WORK ONLY. A SEPARATE PERMIT WILL BE REQUIRED FOR THE SEPTIC LINE CONSTRUCTION.
12. UPPER 6" OF THE SUBGRADE SOIL SHALL BE SCARIFIED, MOISTURE CONDITIONED AND COMPACTED TO A MINIMUM RELATIVE COMPACTION OF 95%.
13. ALL AGGREGATE BASE MATERIAL SHALL BE COMPACTED TO A MINIMUM OF 95% RELATIVE COMPACTION.
14. ROADWAYS DESIGNATED AS NOT COUNTY MAINTAINED ROADS AS SHOWN ON THIS PLAN WILL NOT BE ELIGIBLE FOR COUNTY MAINTENANCE UNTIL THE ROADWAYS ARE IMPROVED (AT NO COST TO THE COUNTY) TO PUBLIC MAINTENANCE ROAD STANDARDS APPROVED BY THE BOARD OF SUPERVISORS AND IN EFFECT AT SUCH TIME THAT THE ROADWAYS ARE CONSIDERED FOR ACCEPTANCE INTO THE COUNTY'S ROAD SYSTEM.
15. AN APPROVED RESIDENTIAL FIRE SPRINKLER SYSTEM COMPLYING WITH FIRE MARSHAL STANDARD CPMF-SP-9 IS REQUIRED TO BE INSTALLED THROUGHOUT THE STRUCTURE.
16. ALL NEW ON-SITE UTILITIES, MAINS AND SERVICES SHALL BE PLACED UNDERGROUND AND EXTENDED TO SERVE THE PROPOSED RESIDENCE.
17. A CONSTRUCTION OBSERVATION LETTER FROM THE RESPONSIBLE GEOTECHNICAL ENGINEER AND CERTIFIED ENGINEERING GEOLOGIST DETAILING CONSTRUCTION OBSERVATIONS AND CERTIFYING THAT THE WORK WAS DONE IN ACCORDANCE WITH THE RECOMMENDATIONS IN THE GEOTECHNICAL AND GEOLOGICAL REPORTS SHALL BE SUBMITTED PRIOR TO GRADING COMPLETION AND RELEASE OF BOND.
18. ALL ROOF RUNOFF SHALL BE DIRECTED TO LANDSCAPED OR NATURAL AREAS AWAY FROM BUILDING FOUNDATIONS, TO ALLOW FOR STORM WATER INFILTRATION INTO THE SOIL AND SHEET FLOW.

THESE QUANTITIES DO NOT INCLUDE ANY SHRINKAGE, SUBSIDENCE, OVER-EXCAVATION, OR ANY SPECIAL CONDITIONS OR REQUIREMENTS THAT MAY BE SPECIFIED IN THE GEOTECHNICAL INVESTIGATION REPORT. THESE QUANTITIES IN THE AREA FOR PERMIT PURPOSES ONLY. ALL CONTRACTORS BIDDING ON THIS PROJECT SHOULD MAKE THEIR OWN DETERMINATION OF EARTHWORK QUANTITIES PRIOR TO SUBMITTING A BID.

EXCESS MATERIAL SHALL BE OFF-HAULED. IF LOCATION IS WITHIN THE COUNTY A SEPERATED PERMIT SHALL BE REQUIRED.



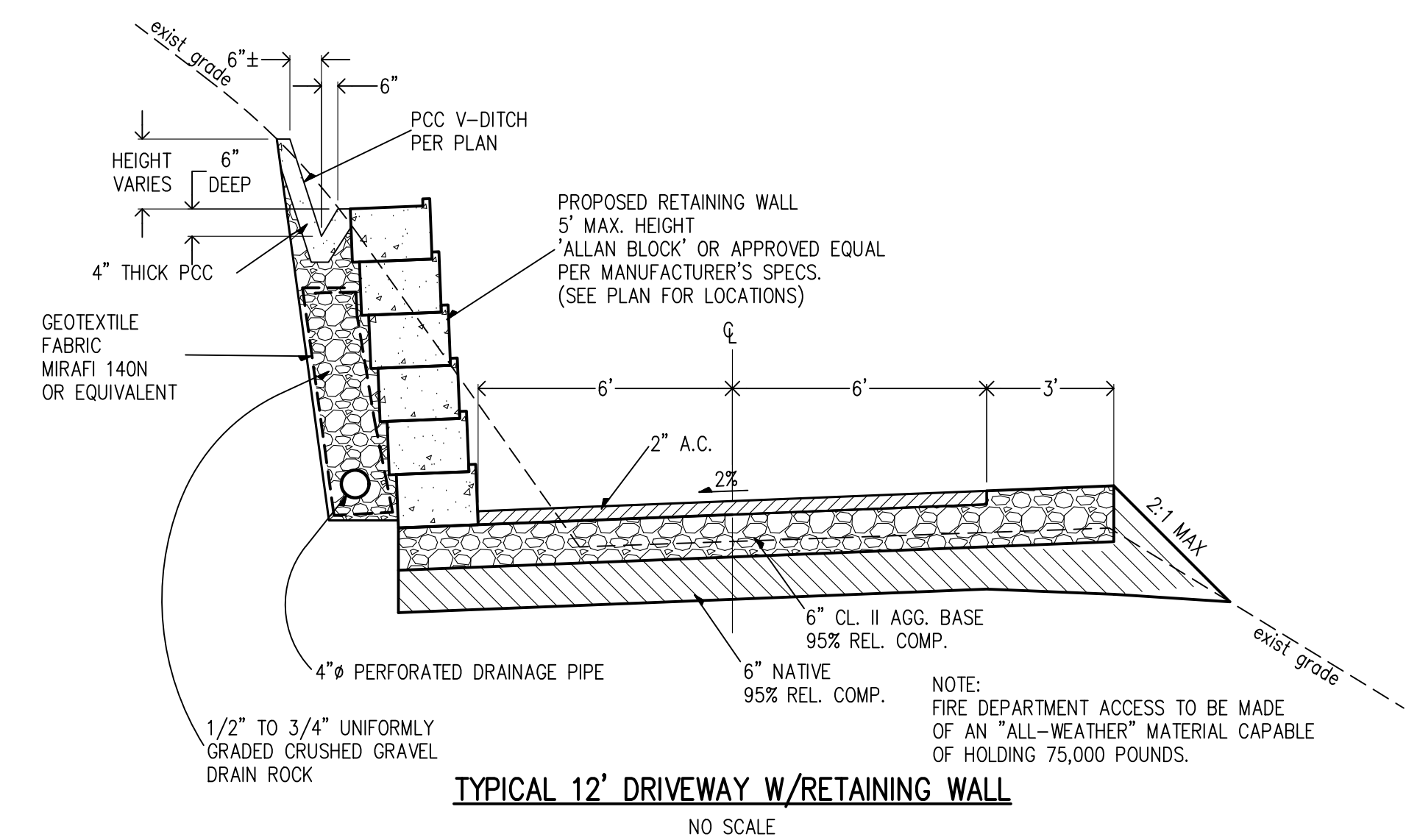
CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND THE ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR ENGINEER.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING SURVEY MONUMENTS AND OTHER SURVEY MARKERS DURING CONSTRUCTION. ALL SUCH MONUMENTS OR MARKER'S DESTROYED DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.

WHERE THE FIRM OF HANNA & BRUNETTI DOES NOT PROVIDE CONSTRUCTION STAKES, SAID FIRM WILL ASSUME NO RESPONSIBILITY WHATSOEVER FOR IMPROVEMENTS CONSTRUCTED THEREFROM.

CONTRACTOR TO VERIFY PRIOR TO CONSTRUCTION OF BUILDING PAD, THE STRUCTURAL SECTION OF FOUNDATION TO DETERMINE BUILDING PAD ELEVATION.

SEE SOILS REPORT AND/OR STRUCTURAL PLANS TO DETERMINE THE ELEVATION OF THE BUILDING FINISH FLOOR AND PAD.



APPROVED FOR ISSUANCE  
REFER TO ENCROACHMENT AND/OR  
CONSTRUCTION PERMIT AND PLAN  
COVER SHEET FOR SPECIAL  
CONDITIONS AND PERMIT NUMBERS

REVISIONS:			<div><div><div></div><div></div></div><div>HANNA-BRUNETTI EST. 1981</div><div>CIVIL ENGINEERS • LAND SURVEYORS CONSTRUCTION MANAGERS</div><div>7651 EGGLEBERRY STREET • GILROY • 95020 • CALIFORNIA OFFICE (408) 942-0173 EMAIL: ENGINEERING@HANNABRUNETTI.COM</div></div>	DATE: APRIL 2024		<div><div>date: _____ Hanna - Brunetti</div><div>Amanda Joy Musy-Verdel</div><div>R.C.E. # 69278</div></div>	REFERENCES		<div>Cross Sections &amp; Notes</div> <div>Lands of Lambert - 15100 Shannon Road - aprn 537-24-021</div> <div>UNINCORPORATED MARCH 2024</div>	SHEET	
DATE	DESCRIPTION	BY:		HORIZ. SCALE: 1"=20'			date: _____ Hanna - Brunetti			4	
				VERT. SCALE: NONE			Amanda Joy Musy-Verdel			OF 9	
				DESIGNED BY: AM			R.C.E. # 69278			JOB NO.	
				CHECKED BY: _____			DRAWN BY: T.M.			23049	



PLAN # \_\_\_\_\_ OF \_\_\_\_\_ SHEET

THE USE OF THESE PLANS AND SPECIFICATIONS SHALL BE RESTRICTED TO THE ORIGINAL SITE FOR WHICH THEY WERE PREPARED AND PUBLICATION THEREOF IS EXPRESSLY LIMITED TO SUCH USE. REPRODUCTION OR PUBLICATION BY ANY METHOD OR PART IS PROHIBITED. THE TITLE OF THESE PLANS AND SPECIFICATIONS REMAINS IN THE ENGINEER WITHOUT PREJUDICE. VISUAL CONTACT WITH THESE PLANS AND SPECIFICATIONS SHALL CONSTITUTE PERMANENT EVIDENCE OF THE ACCEPTANCE OF THESE RESTRICTIONS.

PROJECT NOTES:

1. THE LOCATION OF THE BUILDING PADS AND/OR FOUNDATIONS ARE TO BE ESTABLISHED BY A PERSON AUTHORIZED TO PRACTICE LAND SURVEYING. A LETTER SIGNED AND SEALED BY THAT AUTHORIZED PERSON, STATING THAT HE/SHE HAS LOCATED THE BUILDING CORNERS, AND THEIR LOCATIONS CONFORM TO COUNTY BUILDING SETBACK REQUIREMENTS PER THE APPROVED BUILDING PLANS IS REQUIRED TO BE SUBMITTED TO THE COUNTY ENGINEER.
2. THIS PLAN AUTHORIZES THE REMOVAL OF ONLY THOSE TREES WITH TRUNK DIAMETERS GREATER THAN 12 INCHES MEASURED 4.5 FEET ABOVE GROUND WHICH ARE SHOWN TO BE REMOVED. ANY OTHER SUCH TREES ARE NOT TO BE REMOVED UNLESS AN AMENDED PLAN IS APPROVED OR A SEPARATE TREE REMOVAL PERMIT IS OBTAINED FROM THE PLANNING OFFICE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT REMOVAL OF ADDITIONAL TREES HAS BEEN PERMITTED.
3. NO TREES ARE TO BE REMOVED
4. PRIOR TO GRADING COMPLETION AND RELEASE OF BOND, ALL GRADED AREAS SHALL BE RESEEDED IN CONFORMANCE WITH THE COUNTY GRADING ORDINANCE TO MINIMIZE THE VISUAL IMPACTS OF THE GRADED SLOPES AND REDUCE THE POTENTIAL FOR EROSION ON THE SUBJECT SITE.
5. BOTH DRAINFIELDS MUST BE STAKED AND STRUNG PRIOR TO APPROVAL OF THE SEPTIC DESIGN TO VERIFY THAT THE PROPOSED SEPTIC DESIGN WILL ACTUALLY FIT INTO THE PROPOSED LEACHFIELD AREA, AND CONFORM TO ALL REQUIRED SETBACKS.
6. IF ARCHAEOLOGICAL RESOURCES OR HUMAN REMAINS ARE DISCOVERED DURING CONSTRUCTION, WORK SHALL BE HALTED WITHIN 50 METERS (150 FEET) OF THE FIND UNTIL IT CAN BE EVALUATED BY A QUALIFIED ARCHAEOLOGIST. IF THE FIND IS DETERMINED TO BE SIGNIFICANT, APPROPRIATE MITIGATION MEASURES SHALL BE FORMULATED AND IMPLEMENTED.
7. NOTIFY SOILS ENGINEER TWO (2) DAYS PRIOR TO COMMENCEMENT OF ANY GRADING WORK TO COORDINATE THE WORK IN THE FIELD.
8. ALL MATERIALS FOR FILL SHOULD BE APPROVED BY THE SOILS ENGINEER BEFORE IT IS BROUGHT TO THE SITE.
9. IN THE EVENT THAT ARCHEOLOGICAL FEATURES SHOULD BE DISCOVERED AT ANY TIME DURING THE GRADING, SCRAPING OR EXCAVATION, ALL WORK SHOULD BE HALTED IN THE VICINITY OF THE FIND AND AN ARCHAEOLOGIST SHOULD BE CONTACTED IMMEDIATELY TO EVALUATE THE DISCOVERED MATERIAL TO ASSESS ITS AREAL, EXTENT, CONDITION, AND SCIENTIFIC SIGNIFICANCE. IF THE DISCOVERED MATERIAL IS DEEMED POTENTIALLY SIGNIFICANT, A QUALIFIED ARCHAEOLOGIST SHOULD MONITOR ANY SUBSEQUENT ACTIVITY IN THE PROXIMITY.
10. IN THE EVENT THAT HUMAN SKELETAL REMAINS ARE ENCOUNTERED, THE APPLICANT IS REQUIRED BY COUNTY ORDINANCE NO. B6-18 TO IMMEDIATELY NOTIFY THE COUNTY CORONER. UPON DETERMINATION BY THE COUNTY CORONER THAT THE REMAINS ARE NATIVE AMERICAN, THE CORONER SHALL CONTACT THE CALIFORNIA NATIVE AMERICAN HERITAGE COMMISSION, PURSUANT TO SUBDIVISION (c) OF SECTION 7050.5 OF THE HEALTH AND SAFETY CODE AND THE COUNTY COORDINATOR OF INDIAN AFFAIRS. NO FURTHER DISTURBANCE OF THE SITE MAY BE MADE EXCEPT AS AUTHORIZED BY THE COUNTY CHARTER. IF ARTIFACTS ARE FOUND ON THE SITE A QUALIFIED ARCHAEOLOGIST SHALL BE CONTACTED ALONG WITH THE COUNTY PLANNING OFFICE. NO FURTHER DISTURBANCE OF THE ARTIFACTS MAY BE MADE EXCEPT AS AUTHORIZED BY THE COUNTY PLANNING OFFICE.
11. THESE PLANS ARE FOR THE WORK DESCRIBED IN THE SCOPE OF WORK ONLY. A SEPARATE PERMIT WILL BE REQUIRED FOR THE SEPTIC LINE CONSTRUCTION.
12. UPPER 6" OF THE SUBGRADE SOIL SHALL BE SCARIFIED, MOISTURE CONDITIONED AND COMPACTED TO A MINIMUM RELATIVE COMPACTION OF 95%.
13. ALL AGGREGATE BASE MATERIAL SHALL BE COMPACTED TO A MINIMUM OF 95% RELATIVE COMPACTION.
14. ROADWAYS DESIGNATED AS NOT COUNTY MAINTAINED ROADS AS SHOWN ON THIS PLAN WILL NOT BE ELIGIBLE FOR COUNTY MAINTENANCE UNTIL THE ROADWAYS ARE IMPROVED (AT NO COST TO THE COUNTY) TO PUBLIC MAINTENANCE ROAD STANDARDS APPROVED BY THE BOARD OF SUPERVISORS AND IN EFFECT AT SUCH TIME THAT THE ROADWAYS ARE CONSIDERED FOR ACCEPTANCE INTO THE COUNTY'S ROAD SYSTEM.
15. AN APPROVED RESIDENTIAL FIRE SPRINKLER SYSTEM COMPLYING WITH FIRE MARSHAL STANDARD CFMO-SP6 IS REQUIRED TO BE INSTALLED THROUGHOUT THE STRUCTURE.
16. ALL NEW ON-SITE UTILITIES, MAINS AND SERVICES SHALL BE PLACED UNDERGROUND AND EXTENDED TO SERVE THE PROPOSED RESIDENCE.
17. A CONSTRUCTION OBSERVATION LETTER FROM THE RESPONSIBLE GEOTECHNICAL ENGINEER AND CERTIFIED ENGINEERING GEOLOGIST DETAILING CONSTRUCTION OBSERVATIONS AND CERTIFYING THAT THE WORK WAS DONE IN ACCORDANCE WITH THE RECOMMENDATIONS IN THE GEOTECHNICAL AND GEOLOGICAL REPORTS SHALL BE SUBMITTED PRIOR TO GRADING COMPLETION AND RELEASE OF BOND.
18. ALL ROOF RUNOFF SHALL BE DIRECTED TO LANDSCAPED OR NATURAL AREAS AWAY FROM BUILDING FOUNDATIONS, TO ALLOW FOR STORM WATER INFILTRATION INTO THE SOIL AND SHEET FLOW.

NOTE TO CONTRACTOR

CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND THE ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR ENGINEER.

NOTE:

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING SURVEY MONUMENTS AND OTHER SURVEY MARKERS DURING CONSTRUCTION. ALL SUCH MONUMENTS OR MARKER'S DESTROYED DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.

WHERE THE FIRM OF HANNA & BRUNETTI DOES NOT PROVIDE CONSTRUCTION STAKES, SAID FIRM WILL ASSUME NO RESPONSIBILITY WHATSOEVER FOR IMPROVEMENTS CONSTRUCTED THEREFROM.

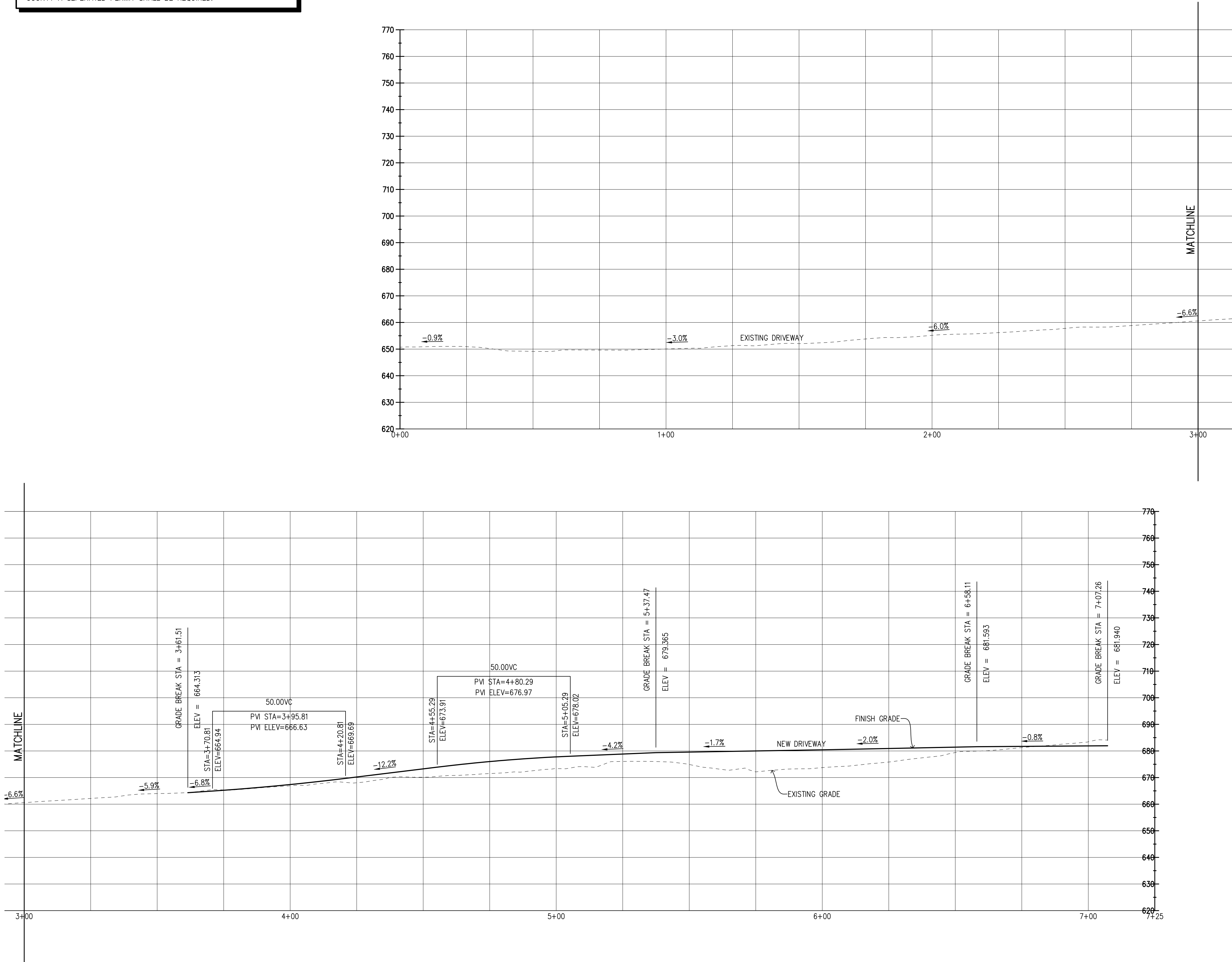
CONTRACTOR TO VERIFY:

CONTRACTOR TO VERIFY PRIOR TO CONSTRUCTION OF BUILDING PAD, THE STRUCTURAL SECTION OF FOUNDATION TO DETERMINE BUILDING PAD ELEVATION.

SEE SOILS REPORT AND/OR STRUCTURAL PLANS TO DETERMINE THE ELEVATION OF THE BUILDING FINISH FLOOR AND PAD.

THESE QUANTITIES DO NOT INCLUDE ANY SHRINKAGE, SUBSIDENCE, OVER-EXCAVATION, OR ANY SPECIAL CONDITIONS OR REQUIREMENTS THAT MAY BE SPECIFIED IN THE GEOTECHNICAL INVESTIGATION REPORT. THESE QUANTITIES IN THE AREA FOR PERMIT PURPOSES ONLY. ALL CONTRACTORS BIDDING ON THIS PROJECT SHOULD MAKE THEIR OWN DETERMINATION OF EARTHWORK QUANTITIES PRIOR TO SUBMITTING A BID.

EXCESS MATERIAL SHALL BE OFF-HAULED. IF LOCATION IS WITHIN THE COUNTY A SEPERATED PERMIT SHALL BE REQUIRED.



REVISIONS:		
DATE	DESCRIPTION	BY:



DATE: APRIL 2024  
HORIZ. SCALE: 1"=10'  
VERT. SCALE: NONE  
DESIGNED BY: AM  
CHECKED BY: T.M.  
DRAWN BY: T.M.

date: Hanna - Brunetti  
Amanda Joy Musy-Verdel  
R.C.E. # 69278



REFERENCES

UNINCORPORATED  
MARCH 2024

Lands of Lambert - 15100 Shannon Road - apn 537-24-021

Profiles

APPROVED FOR ISSUANCE  
REFER TO ENCROACHMENT AND/OR  
CONSTRUCTION PERMIT AND PLAN  
COVER SHEET FOR SPECIAL  
CONDITIONS AND PERMIT NUMBERS

SHEET

5

OP 9

JOB NO. 23049

JOB NO. 23049

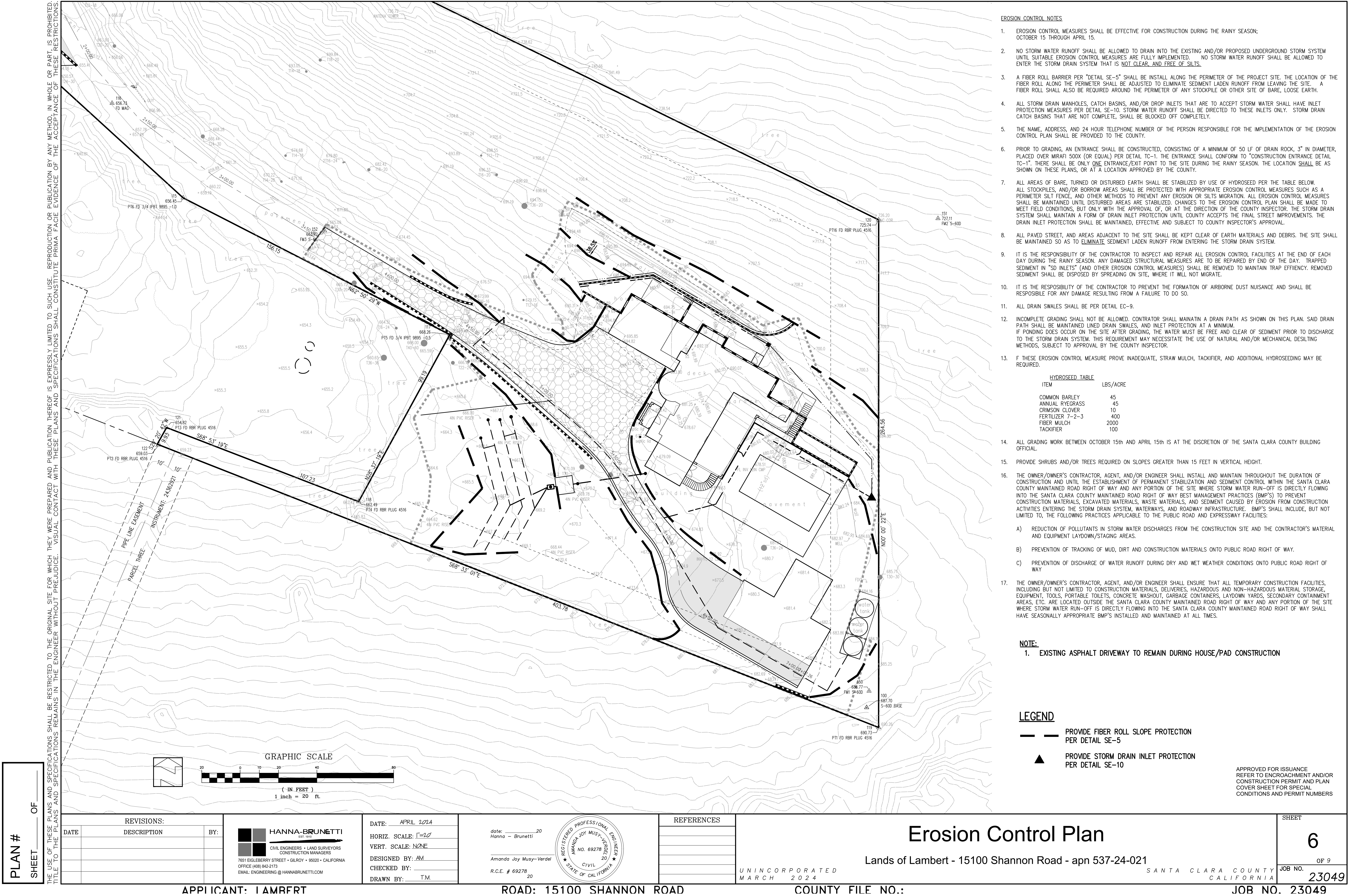
APPLICANT: IAMFRF

ROAD: 15100 SHANNON ROAD

COUNTY FILE NO.:

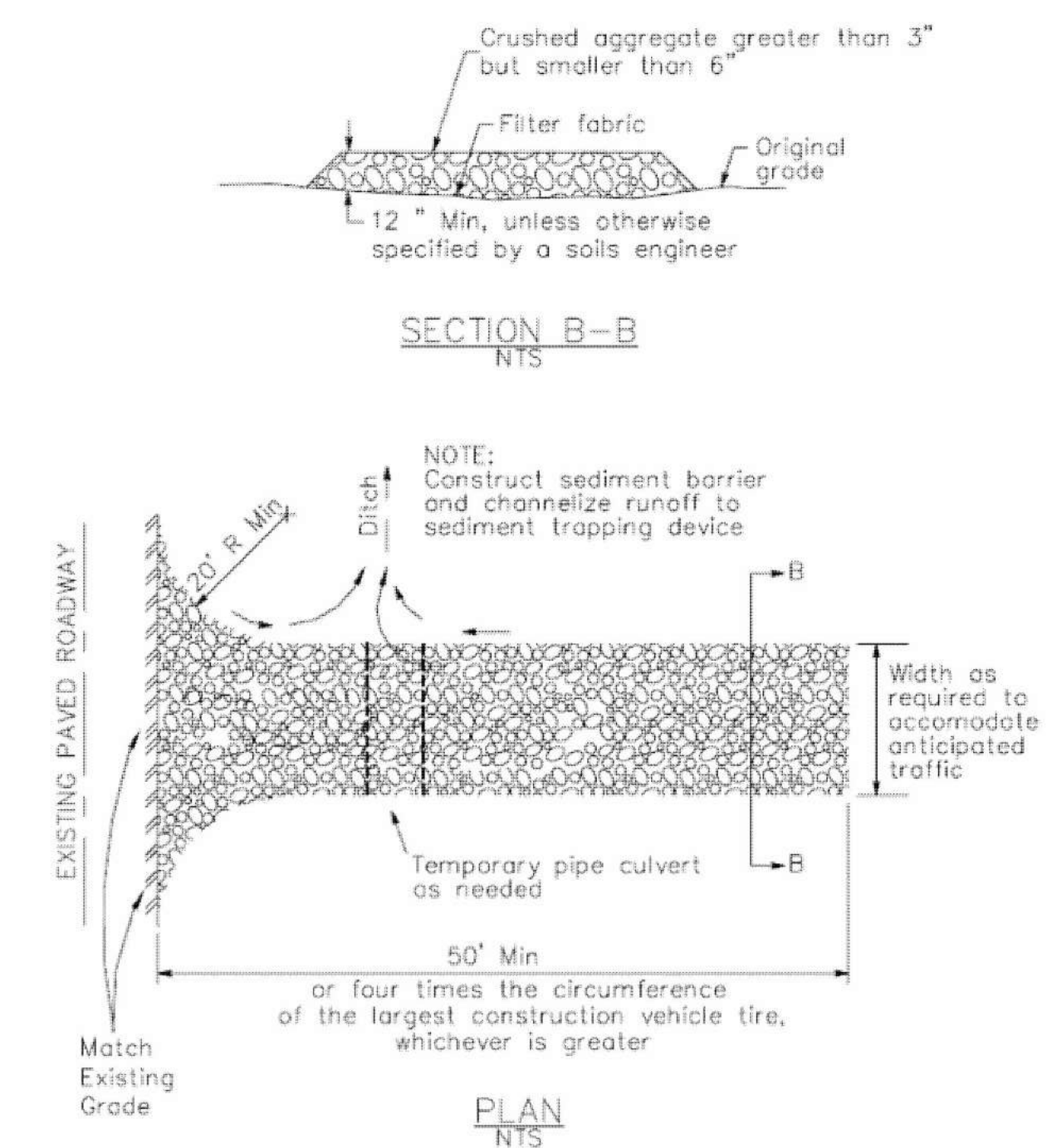
SANTA CLARA COUNTY  
CALIFORNIA



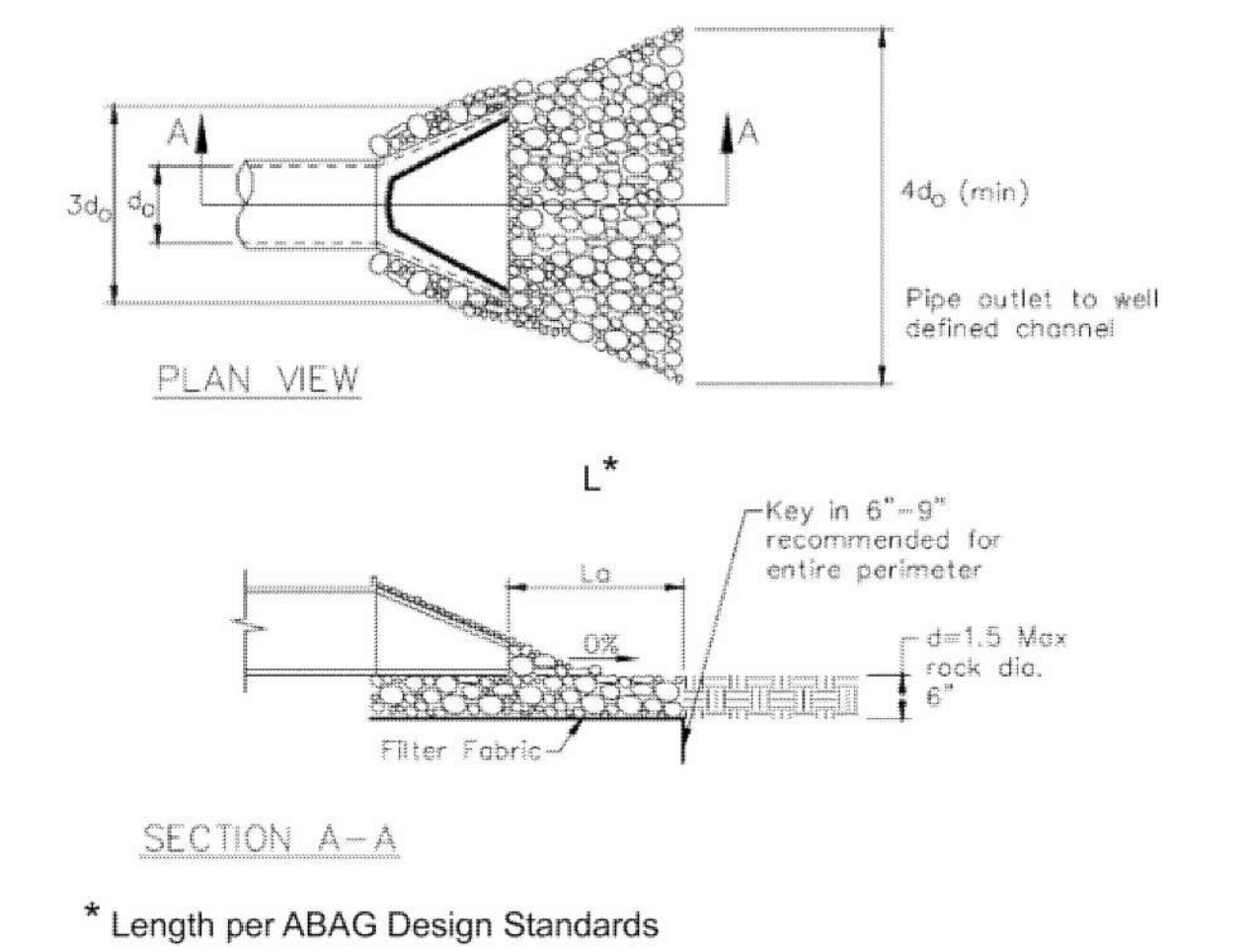




3 **Stabilized Construction Entrance/Exit**  
CASQA Detail TC-1

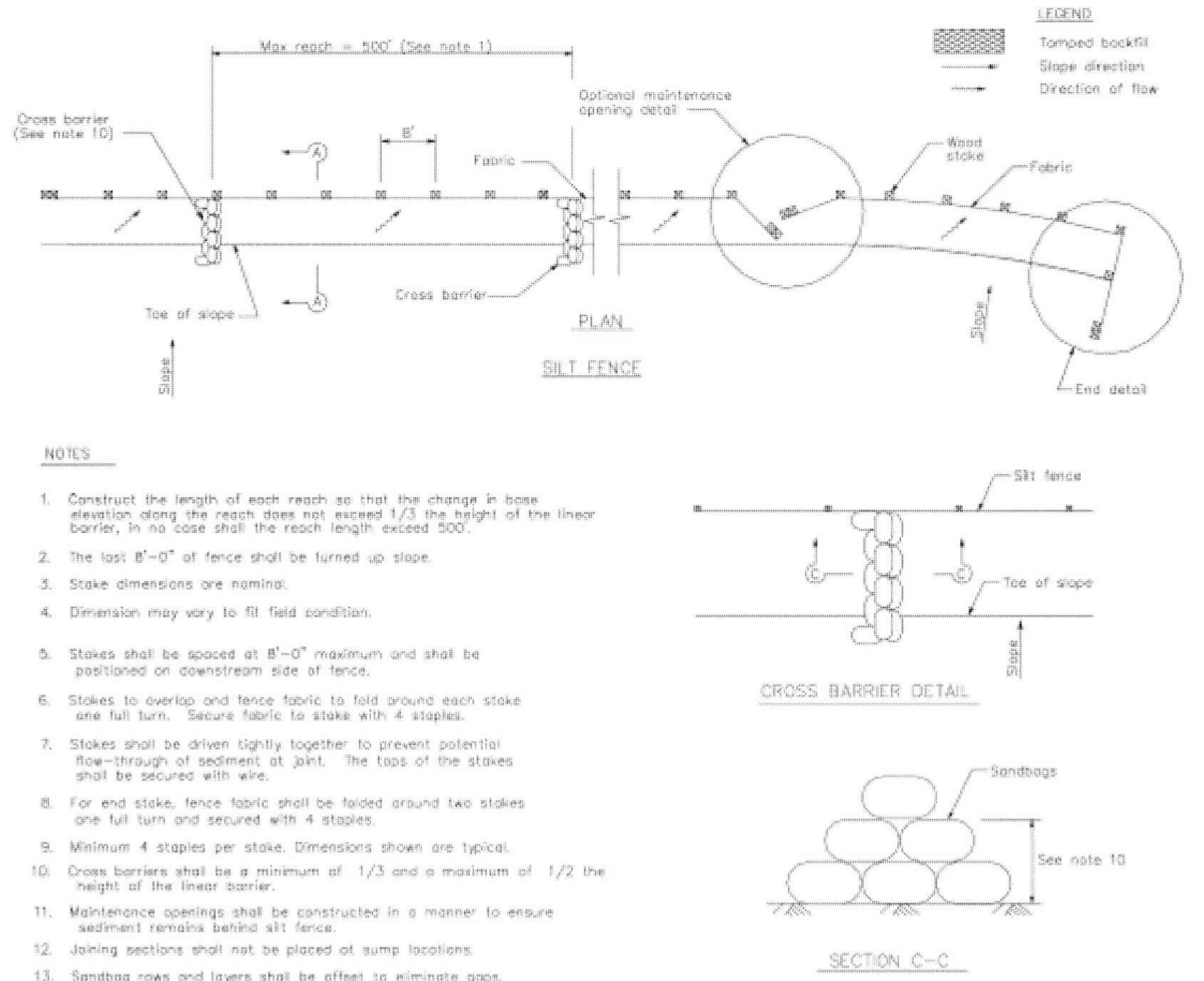


4 **Velocity Dissipation Devices**  
CASQA Detail EC-10

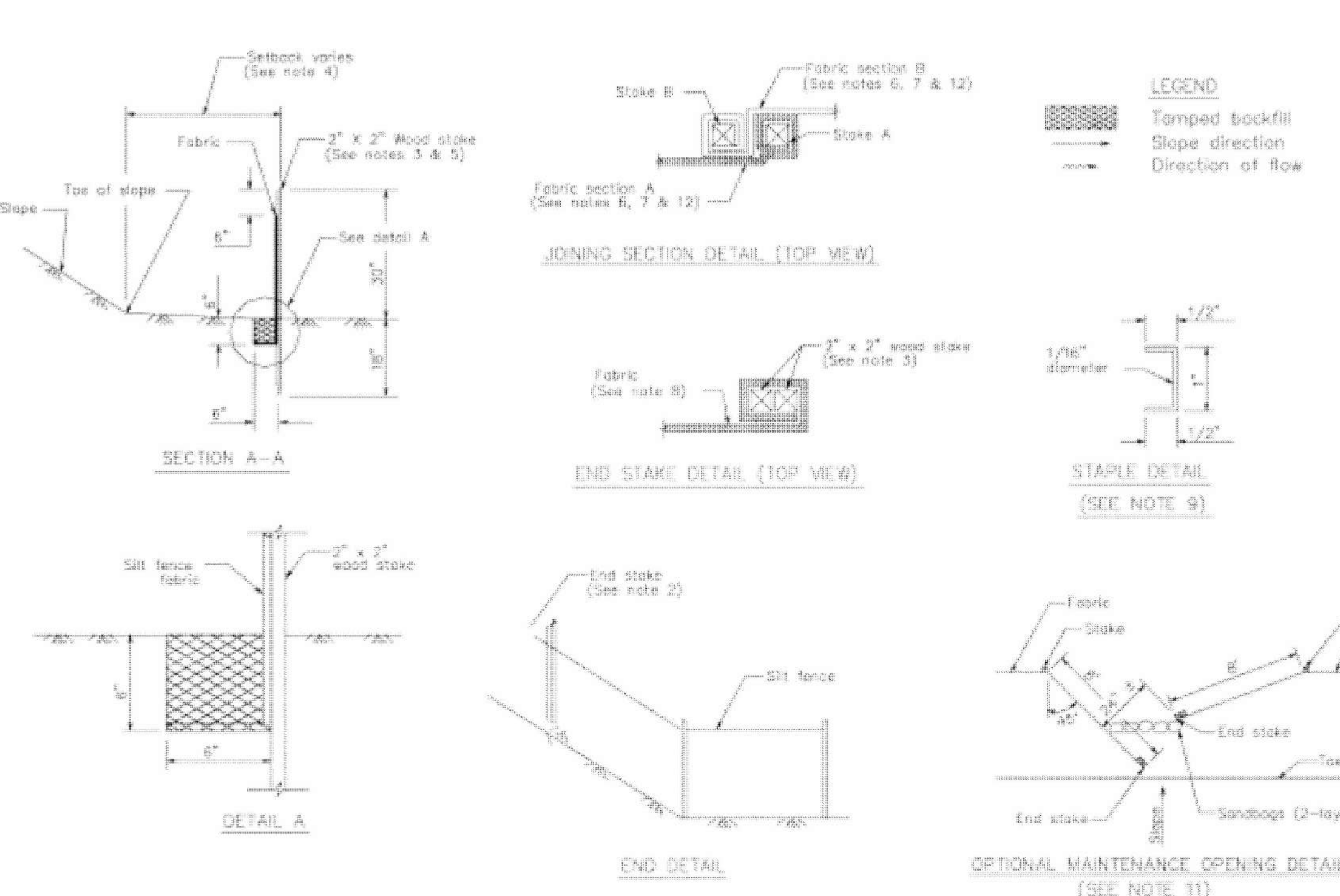


Source for Graphics: California Stormwater BMP Handbook, California Stormwater Quality Association, January 2003.  
Available from [www.cabmphandbooks.com](http://www.cabmphandbooks.com).

1 **Silt Fence**  
CASQA Detail SE-1



2 **Silt Fence**  
CASQA Detail SE-1



**STANDARD BEST MANAGEMENT PRACTICE NOTES**

- Solid and Demolition Waste Management:** Provide designated waste collection areas and containers on site away from streets, gutters, storm drains, and waterways, and arrange for regular disposal. Waste containers must be watertight and covered at all times except when waste is deposited. Refer to Erosion & Sediment Control Field Manual, 4th Edition (page C3) or latest.
- Hazardous Waste Management:** Provide proper handling and disposal of hazardous wastes by a licensed hazardous waste material hauler. Hazardous wastes shall be stored and properly labeled in sealed containers constructed of suitable materials. Refer to Erosion & Sediment Control Field Manual, 4th Edition (pages C-5 to C-6) or latest.
- Spill Prevention and Control:** Provide proper storage areas for liquid and solid materials, including chemicals and hazardous substances, away from streets, gutters, storm drains, and waterways. Spill control materials must be kept on site where readily accessible. Spills must be cleaned up immediately and contaminated soil disposed properly. Refer to Erosion & Sediment Control Field Manual, 4th Edition (pages C-7 to C-8, C-13 to C-14) or latest.
- Vehicle and Construction Equipment Service and Storage:** An area shall be designated for the maintenance, where on-site maintenance is required, and storage of equipment that is protected from stormwater run-on and runoff. Measures shall be provided to capture any waste oils, lubricants, or other potential pollutants and these wastes shall be properly disposed of off site. Fueling and major maintenance/repair, and washing shall be conducted off-site whenever feasible. Refer to Erosion & Sediment Control Field Manual, 4th Edition (page C9) or latest.
- Material Delivery, Handling and Storage:** In general, materials should not be stockpiled on site. Where temporary stockpiles are necessary and approved by the County, they shall be covered with secured plastic sheeting or tarp and located in designated areas near construction entrances and away from drainage paths and waterways. Barriers shall be provided around storage areas where materials are potentially in contact with runoff. Refer to Erosion & Sediment Control Field Manual, 4th Edition (pages C-11 to C-12) or latest.
- Handling and Disposal of Concrete and Cement:** When concrete trucks and equipment are washed on-site, concrete wastewater shall be contained in designated containers or in a temporary lined and watertight pit where wasted concrete can harden for later removal. If possible have concrete contractor remove concrete wash water from site. In no case shall fresh concrete be washed into the road right-of-way. Refer to Erosion & Sediment Control Field Manual, 4th Edition (pages C-15 to C-16) or latest.
- Pavement Construction Management:** Prevent or reduce the discharge of pollutants from paving operations, using measures to prevent run-on and runoff pollution and properly disposing of wastes. Avoid paving in the wet season and reschedule paving when rain is in the forecast. Residue from saw-cutting shall be vacuumed for proper disposal. Refer to Erosion & Sediment Control Field Manual, 4th Edition (pages C-17 to C-18) or latest.
- Contaminated Soil and Water Management:** Inspections to identify contaminated soils should occur prior to construction and at regular intervals during construction. Remediating contaminated soil should occur promptly after identification and be specific to the contaminant identified, which may include hazardous waste removal. Refer to Erosion & Sediment Control Field Manual, 4th Edition (pages C-19 to C-20) or latest.
- Sanitary/Septic Water Management:** Temporary sanitary facilities should be located away from drainage paths, waterways, and traffic areas. Only licensed sanitary and septic waste haulers should be used. Secondary containment should be provided for all sanitary facilities. Refer to Erosion & Sediment Control Field Manual, 4th Edition (page C-21) or latest.
- Inspection & Maintenance:** Areas of material and equipment storage sites and temporary sanitary facilities must be inspected weekly. Problem areas shall be identified and appropriate additional and/or alternative control measures implemented immediately, within 24 hours of the problem being identified.

**STANDARD EROSION CONTROL NOTES**

- Sediment Control Management:**

**Tracking Prevention & Clean Up:** Activities shall be organized and measures taken as needed to prevent or minimize tracking of soil onto the public street system. A gravel or proprietary device construction entrance/exit is required for all sites. Clean up of tracked material shall be provided by means of a street sweeper prior to an approaching rain event, or at least once at the end of each workday that material is tracked, or more frequently as determined by the County Inspector. Refer to Erosion & Sediment Control Field Manual, 4th Edition (pages B-31 to B-33) or latest.

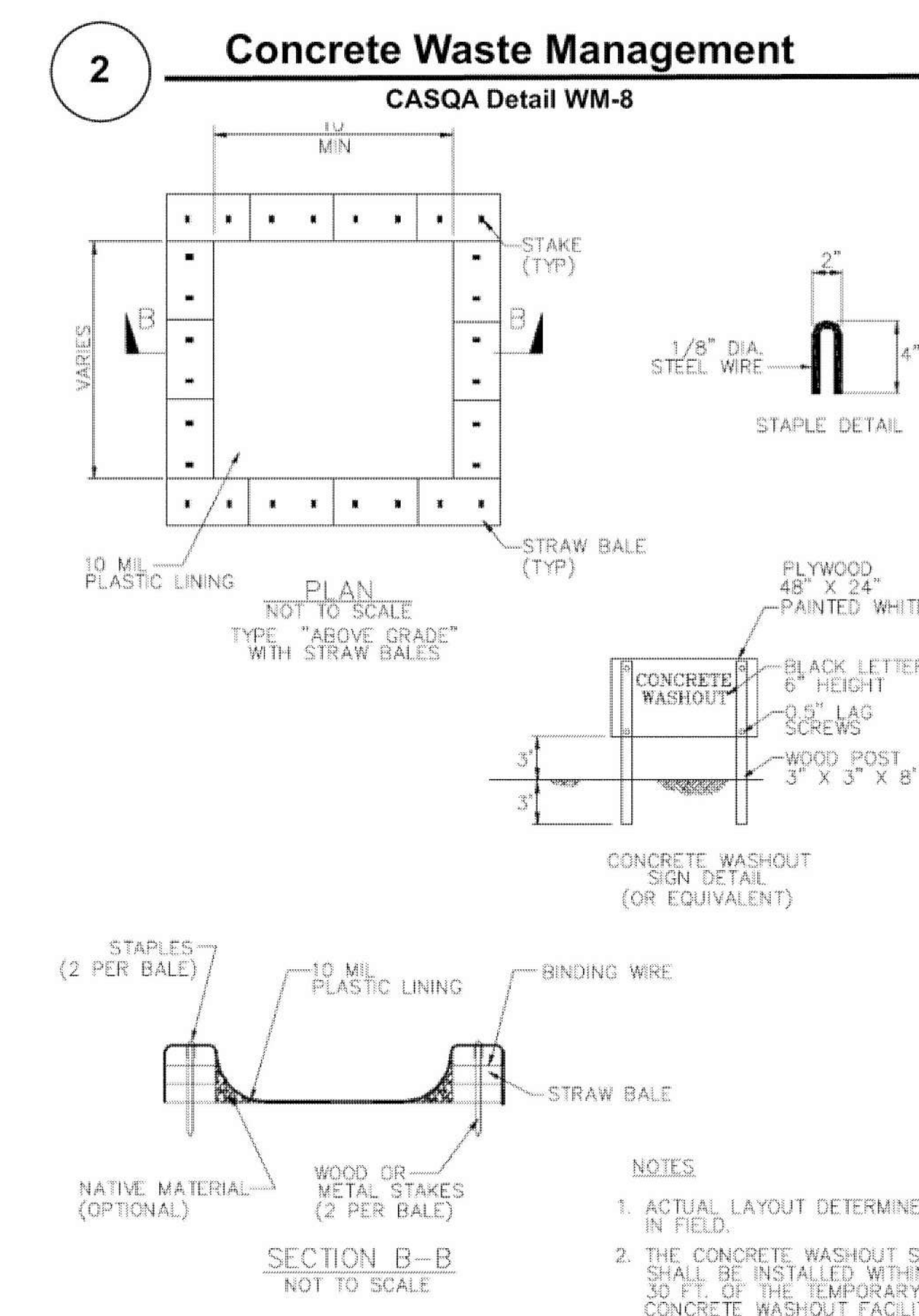
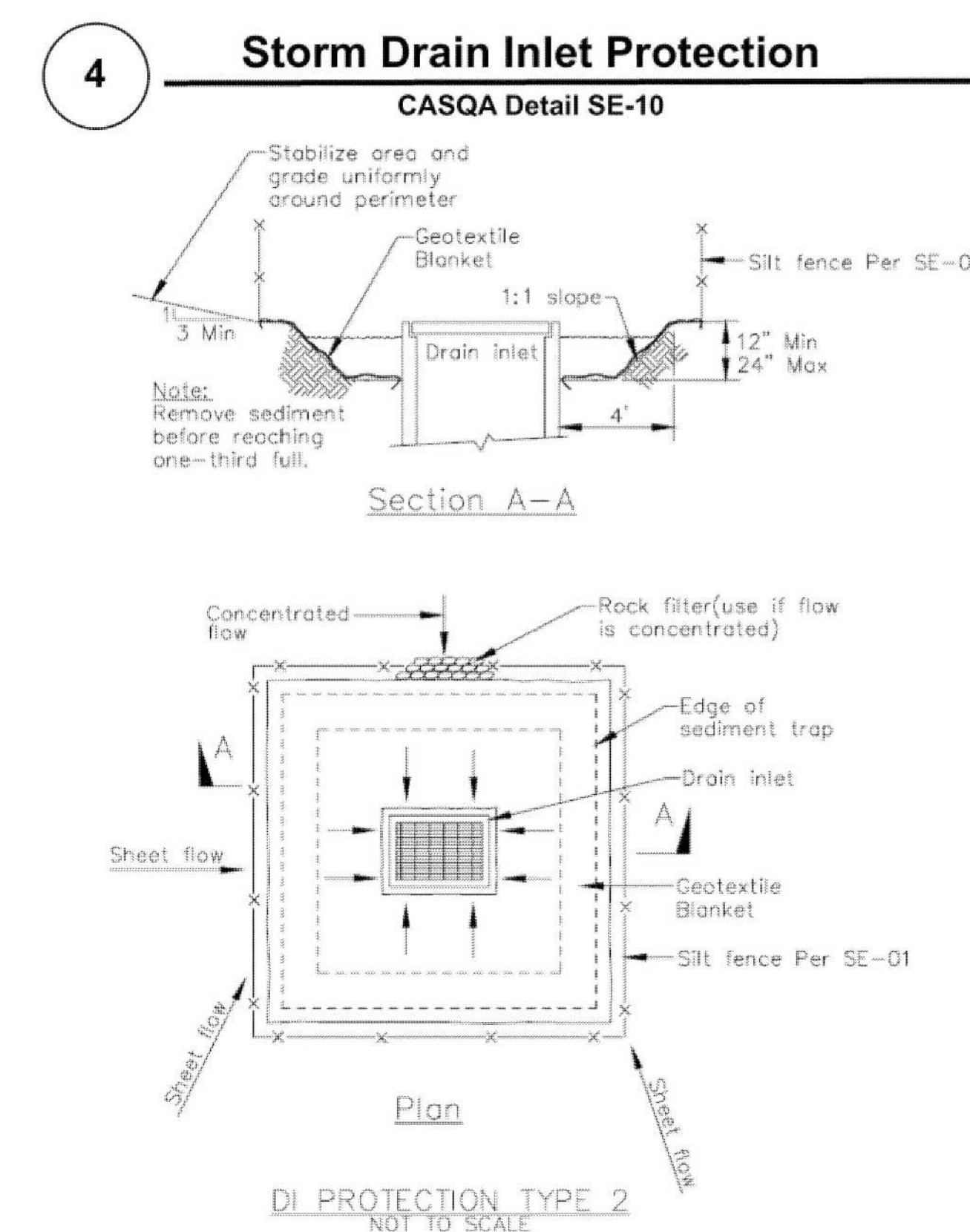
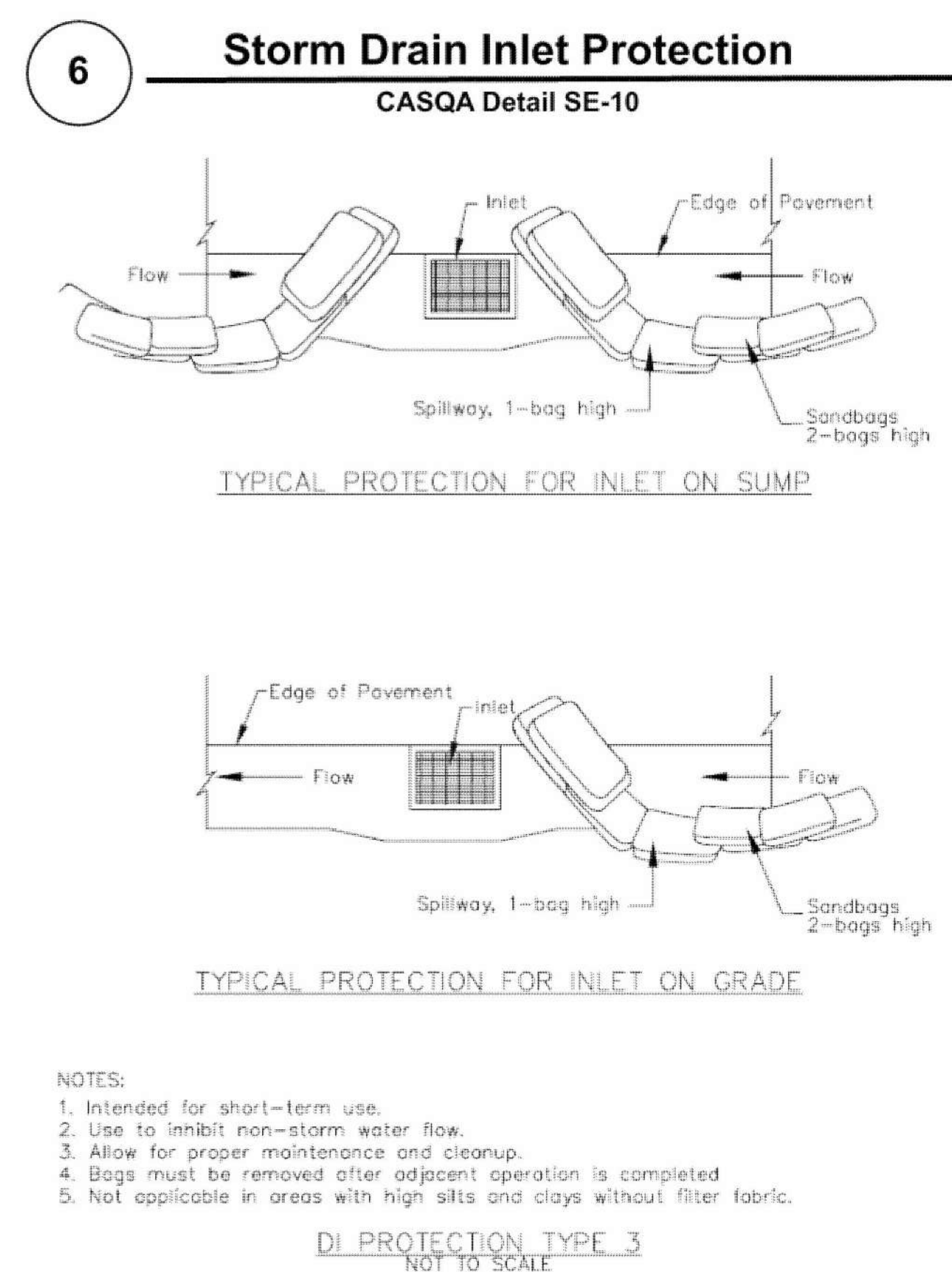
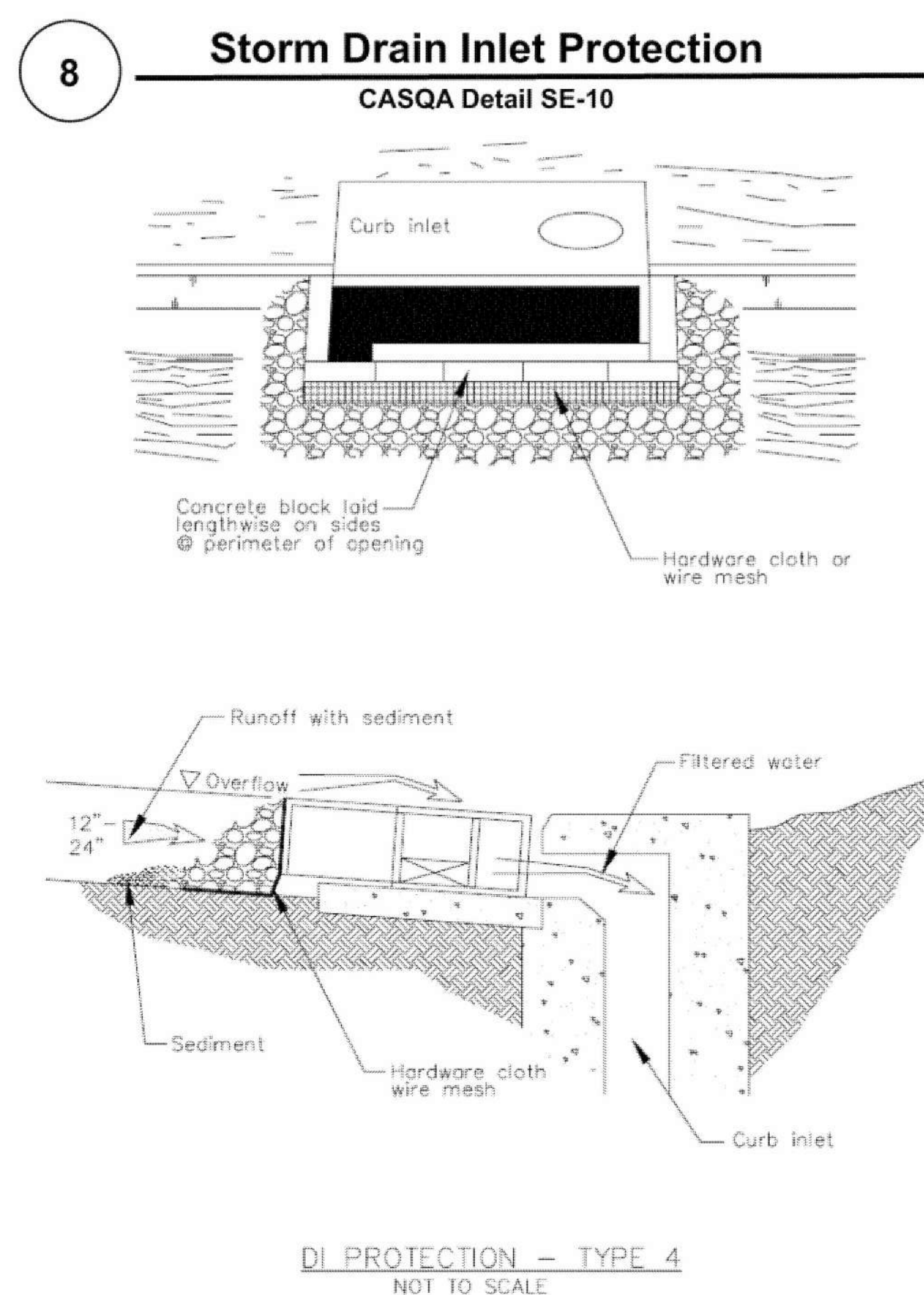
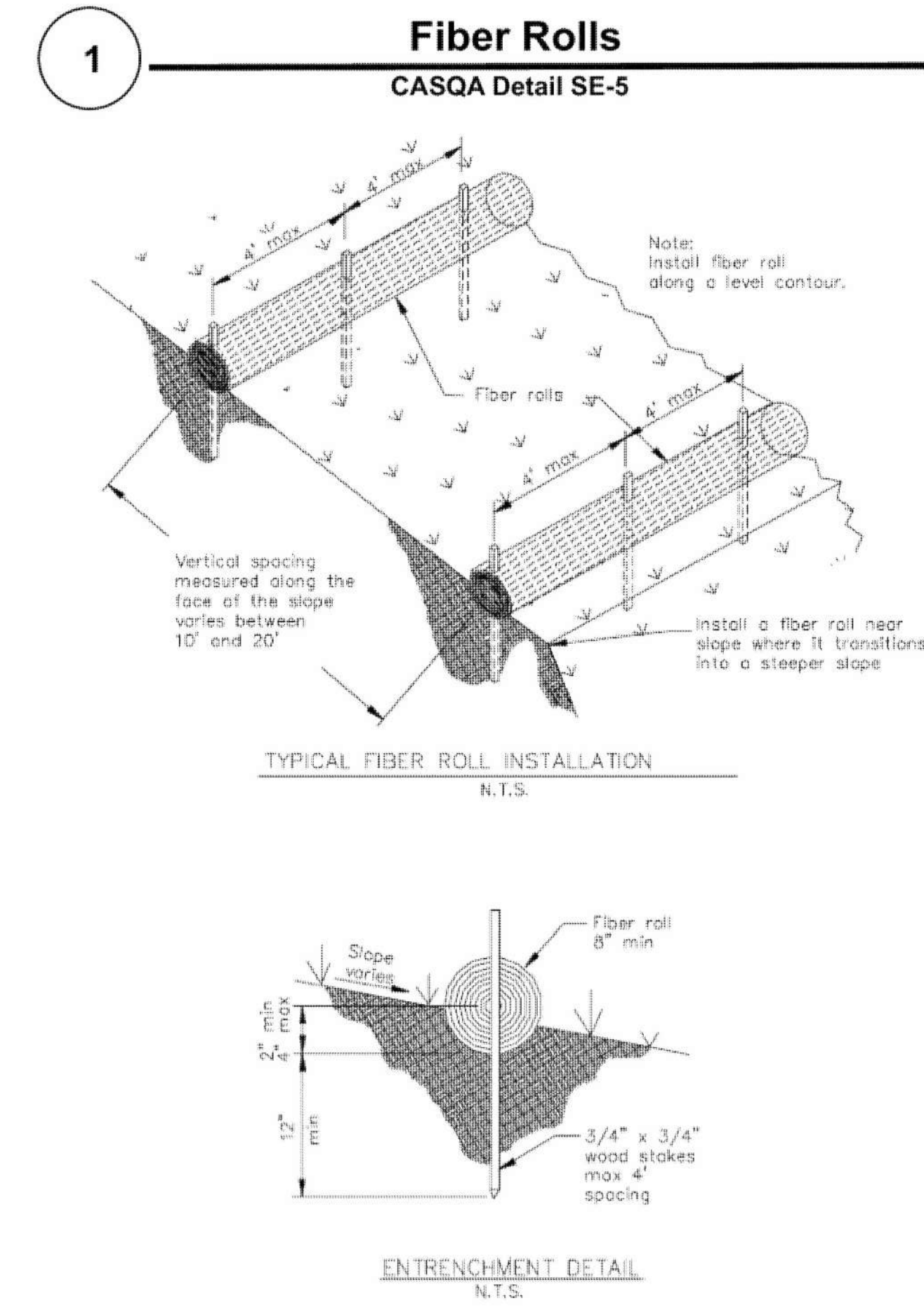
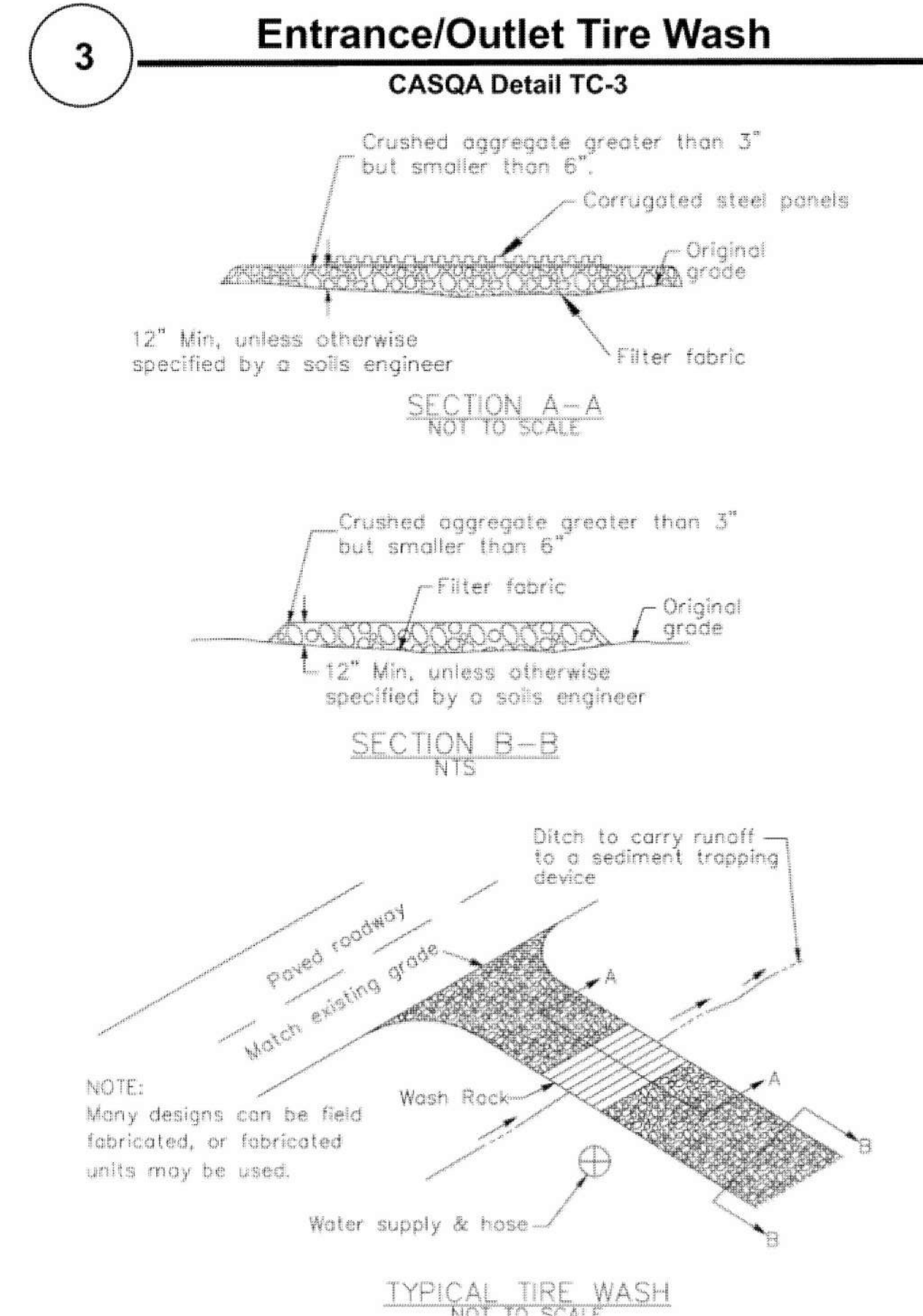
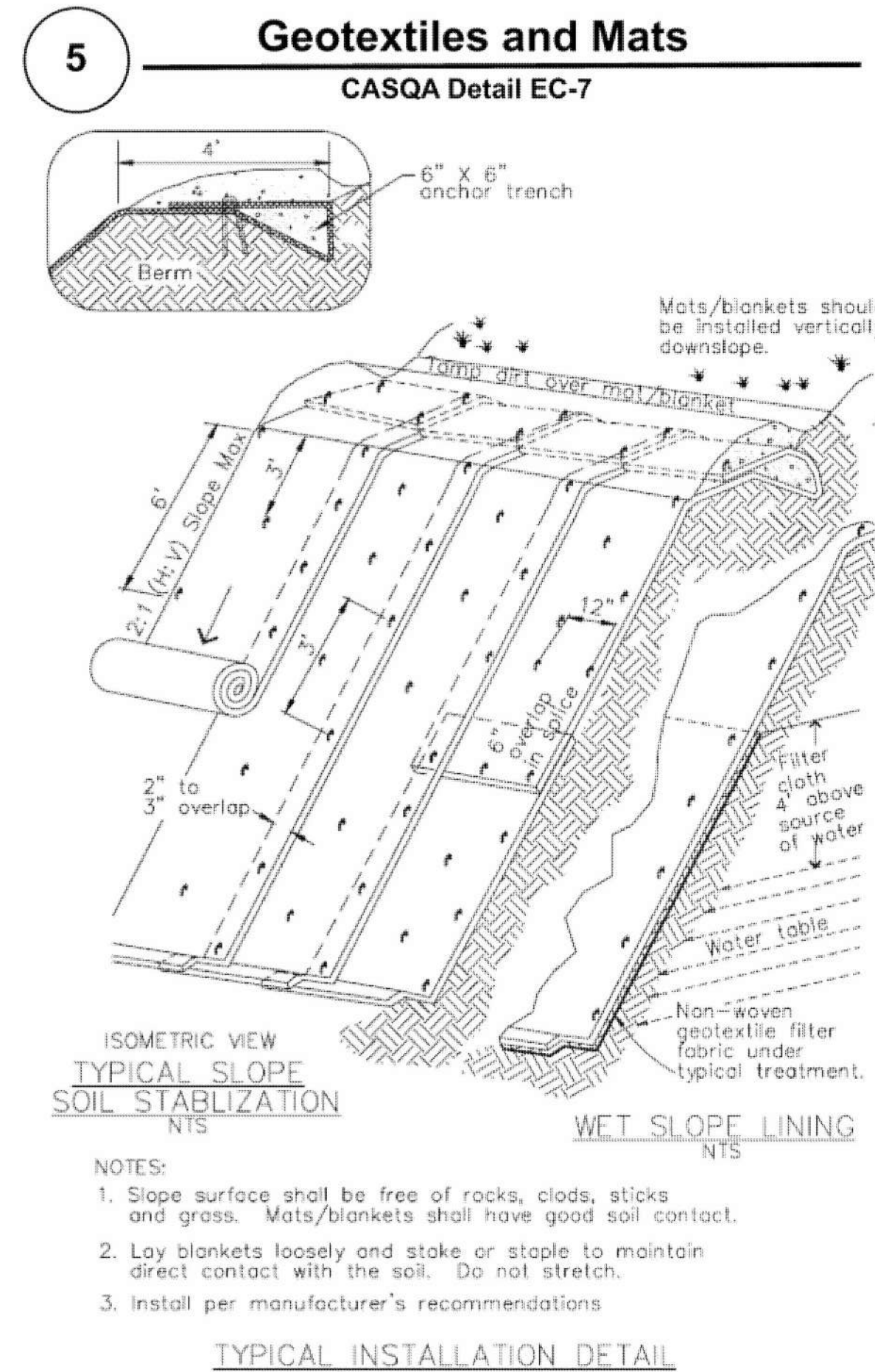
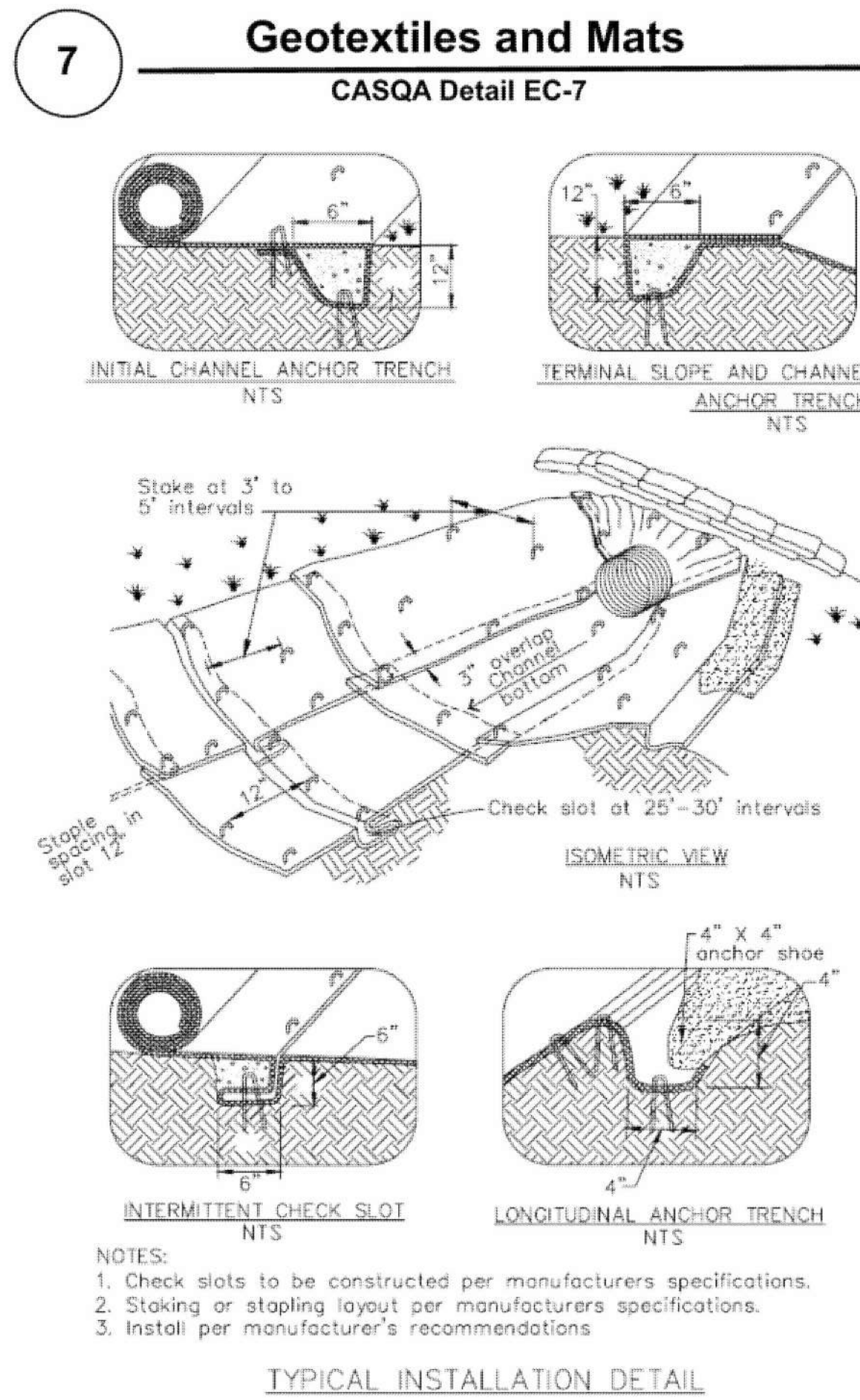
**Storm Drain Inlet and Catch Basin Inlet Protection:** All inlets within the vicinity of the project and within the project limits shall be protected with gravel bags placed around inlets or other inlet protection. At locations where exposed soils are present, staked fiber roles or staked silt fences can be used. Inlet filters are not allowed due to clogging and subsequent flooding. Refer to Erosion & Sediment Control Field Manual, 4th Edition (pages B-49 to B-51) or latest.

**Storm Water Runoff:** No storm water runoff shall be allowed to drain in to the existing and/or proposed underground storm drain system or other above ground watercourses until appropriate erosion control measures are fully installed.

**Dust Control:** The contractor shall provide dust control in graded areas as required by providing wet suppression or chemical stabilization of exposed soils, providing for rapid clean up of sediments deposited on paved roads, furnishing construction road entrances and vehicle wash down areas, and limiting the amount of areas disturbed by clearing and earth moving operations by scheduling these activities in phases.

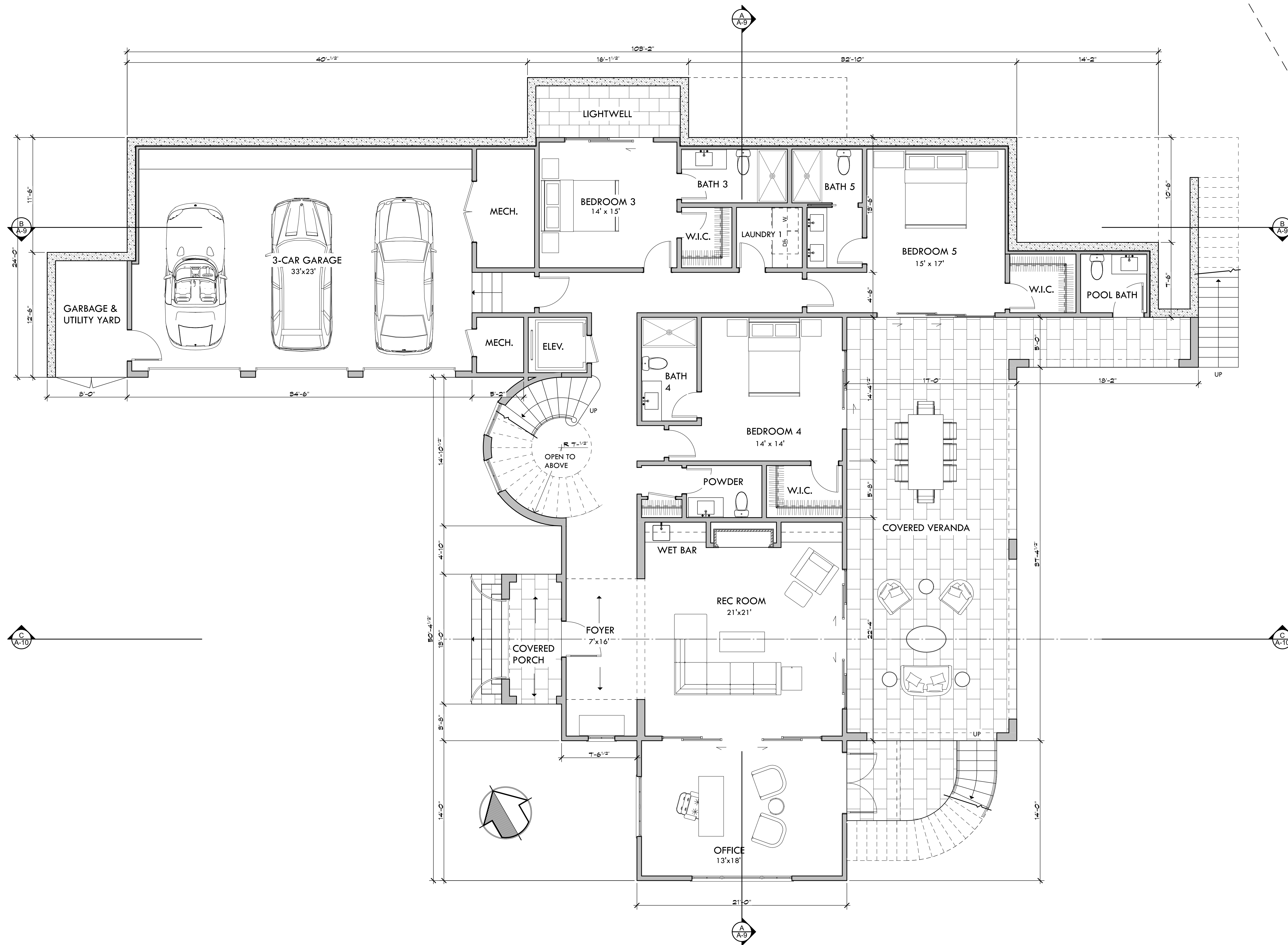
**Stockpiling:** Excavated soils shall not be placed in streets or on paved areas. Borrow and temporary stockpiles shall be protected with appropriate erosion control measures (tarps, straw bales, silt fences, etc.) to ensure silt does not leave the site or enter the storm drain system or neighboring watercourse.
- Erosion Control:** During the rainy season, all disturbed areas must include an effective combination of erosion and sediment control. It is required that temporary erosion control measures are applied to all disturbed soil areas prior to a rain event. During the non-rainy season, erosion control measures must be applied sufficient to control wind erosion at the site.
- Inspection & Maintenance:** Disturbed areas of the Project's site, locations where vehicles enter or exit the site, and all erosion and sediment controls that are identified as part of the Erosion Control Plans must be inspected by the Contractor before, during, and after storm events, and at least weekly during seasonal wet periods. Problem areas shall be identified and appropriate additional and/or alternative control measures implemented immediately, within 24 hours of the problem being identified.
- Project Completion:** Prior to project completion and signoff by the County Inspector, all disturbed areas shall be reseeded, planted, or landscaped to minimize the potential for erosion on the subject site.
- It shall be the Owner's/Contractor's responsibility to maintain control of the entire construction operation and to keep the entire site in compliance with the erosion control plan.
- Erosion and sediment control best management practices shall be operable year round or until vegetation is fully established on landscaped surfaces.





Source for Graphics: California Stormwater BMP Handbook, California Stormwater Quality Association, January 2003.  
Available from [www.cabmphandbooks.com](http://www.cabmphandbooks.com).

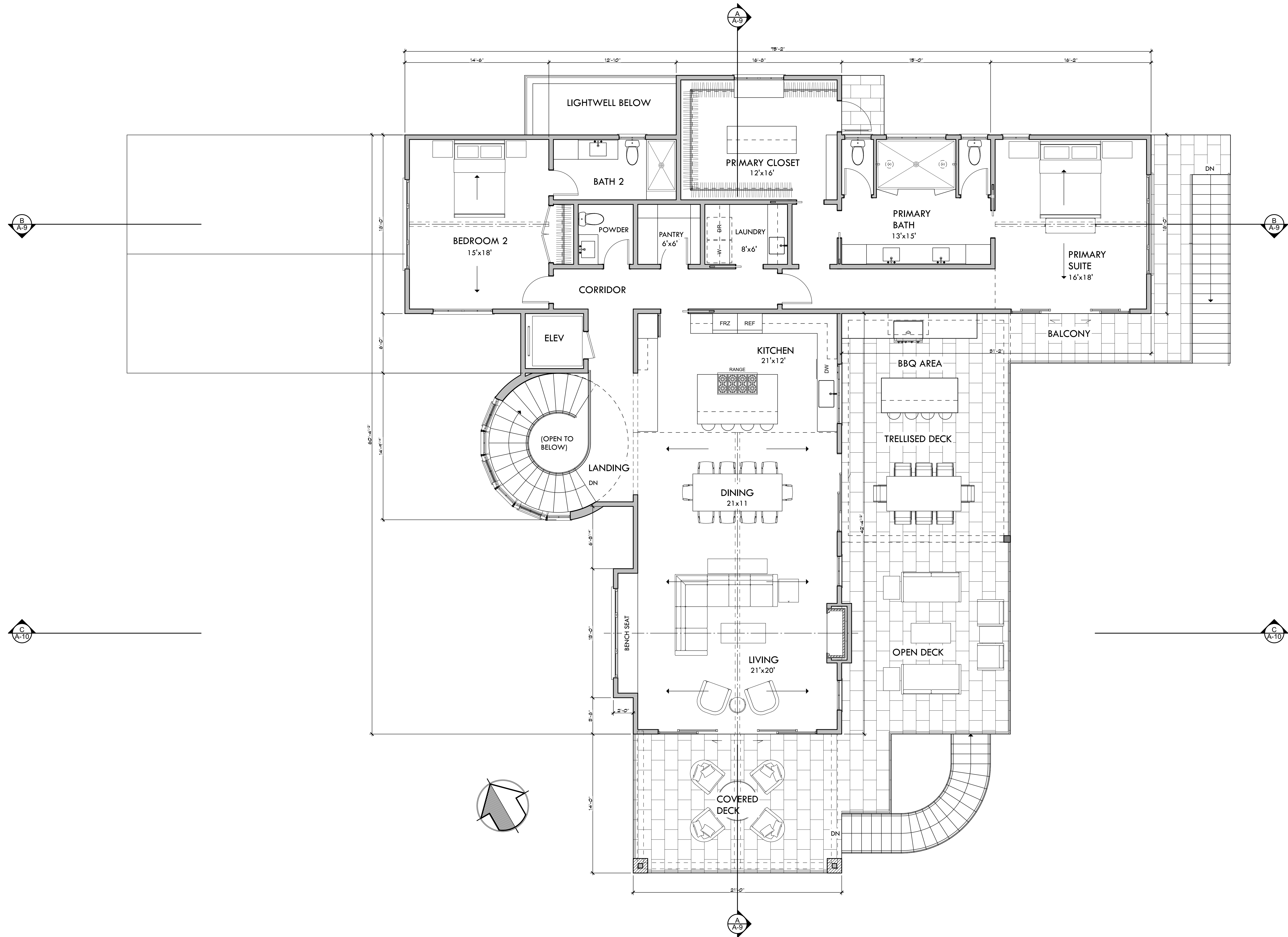




LOWER FLOOR PLAN

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





## UPPER FLOOR PLAN

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

### REVISIONS

**KOHLSAAT & ASSOCIATES**  
51 UNIVERSITY AVE., T-1 • LOS GATOS, CA • 95030 • (408) 395-2555

A NEW RESIDENCE:  
**THE LAMBERT RESIDENCE**  
15100 SHANNON ROAD, LOS GATOS, CA

UPPER  
FLOOR PLAN

DATE: 01/16/25

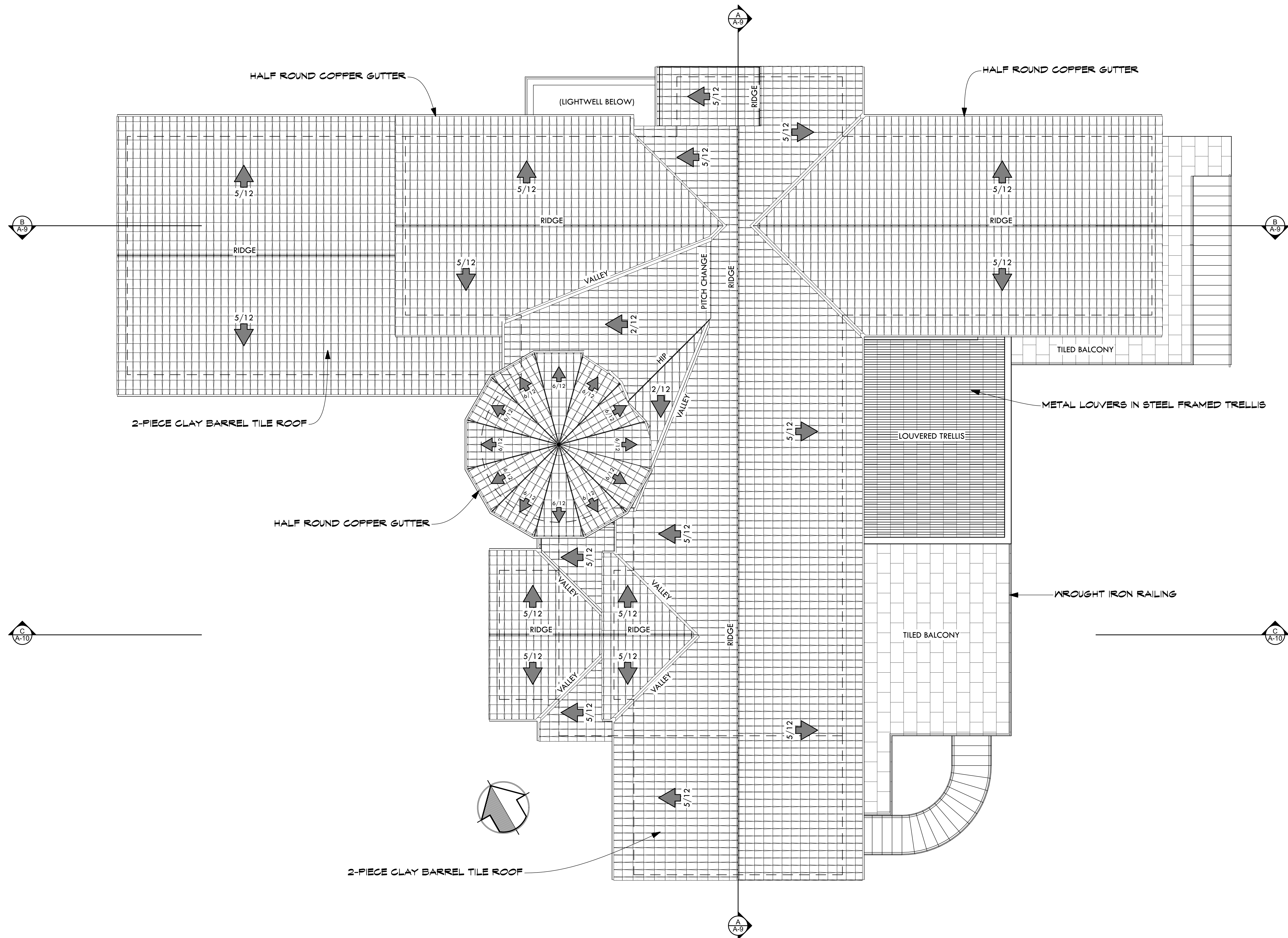
SCALE: AS SHOWN

SHEET

**A-5**

14 OF -





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

REVISIONS

KOHLSAAT  
& ASSOCIATES  
51 UNIVERSITY AVE., T-1 • LOS GATOS, CA • 95030 • (408) 395-2555

A NEW RESIDENCE:  
**THE LAMBERT RESIDENCE**  
15100 SHANNON ROAD, LOS GATOS, CA

ROOF PLAN

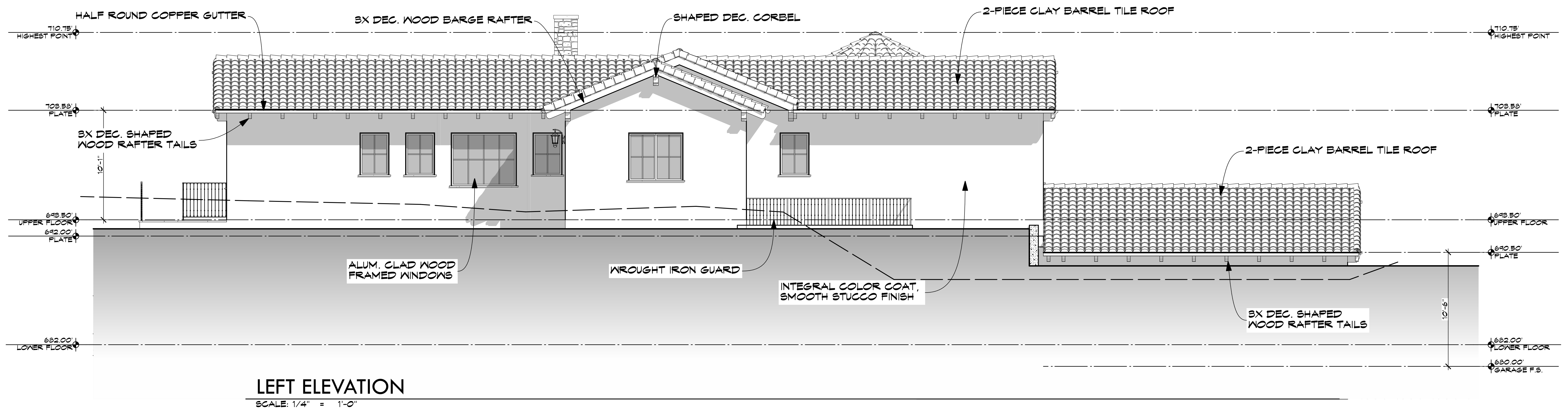
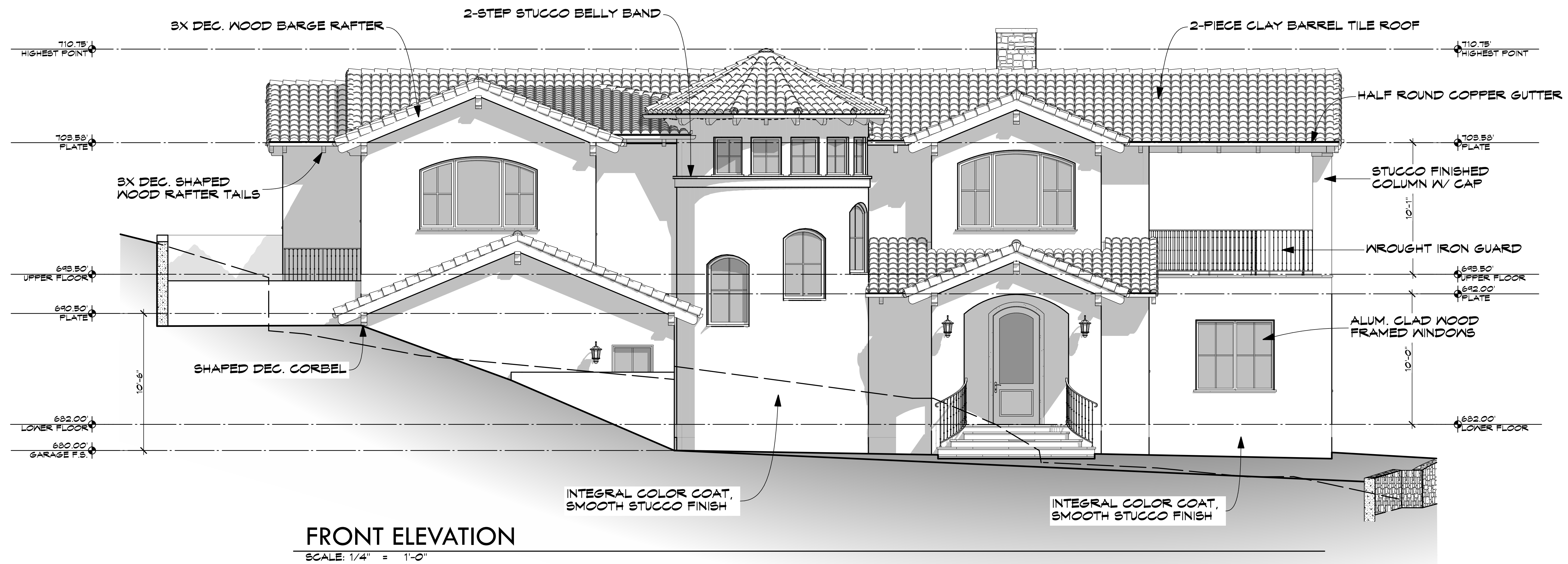
DATE: 01/16/25

SCALE: AS SHOWN

SHEET

A-6  
15 OF -





REVISIONS

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A NEW RESIDENCE:  
**THE LAMBERT RESIDENCE**  
15100 SHANNON ROAD, LOS GATOS, CA

FRONT & LEFT ELEVATIONS

DATE: 01/16/25

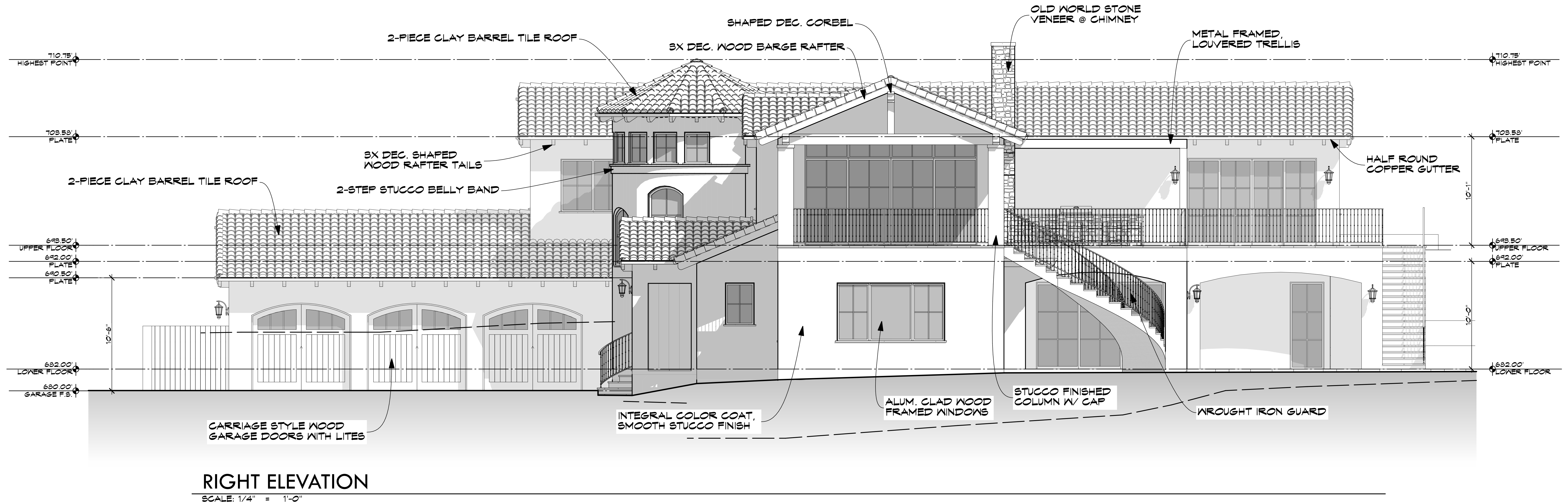
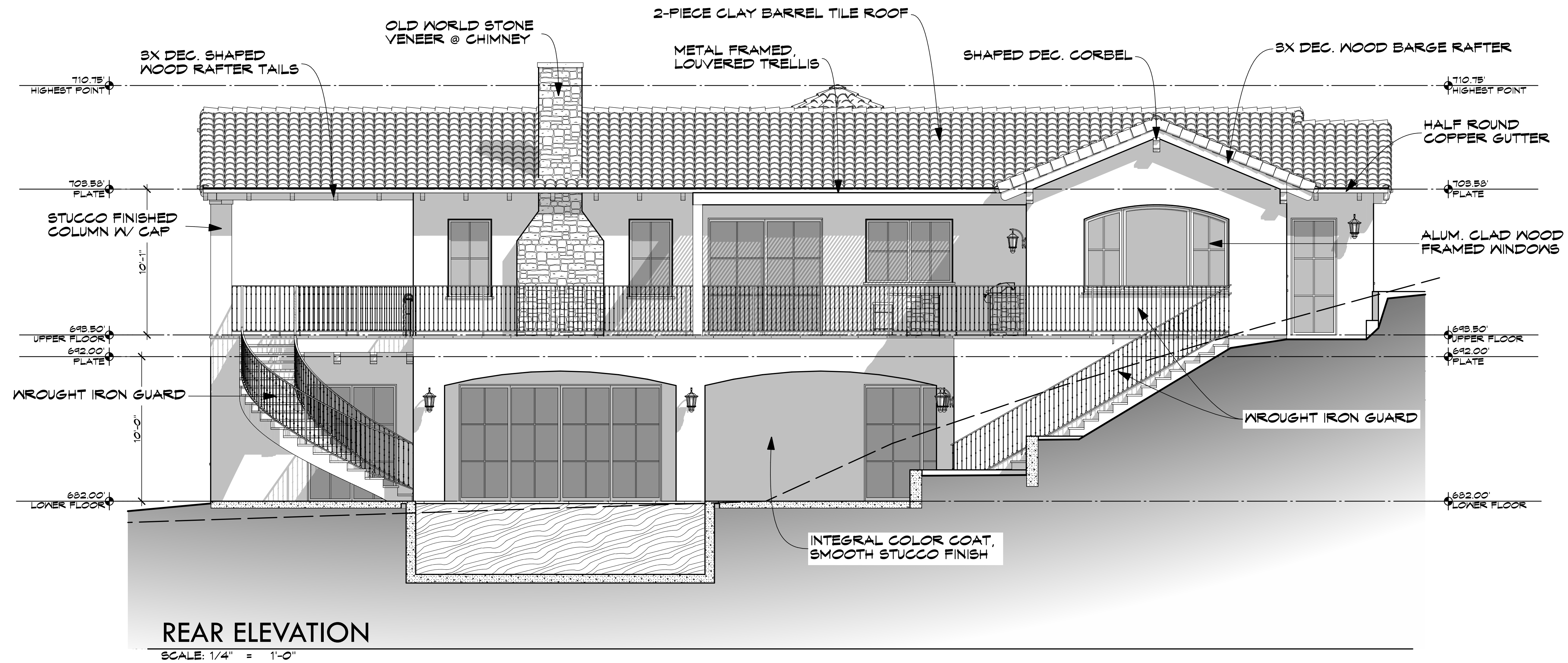
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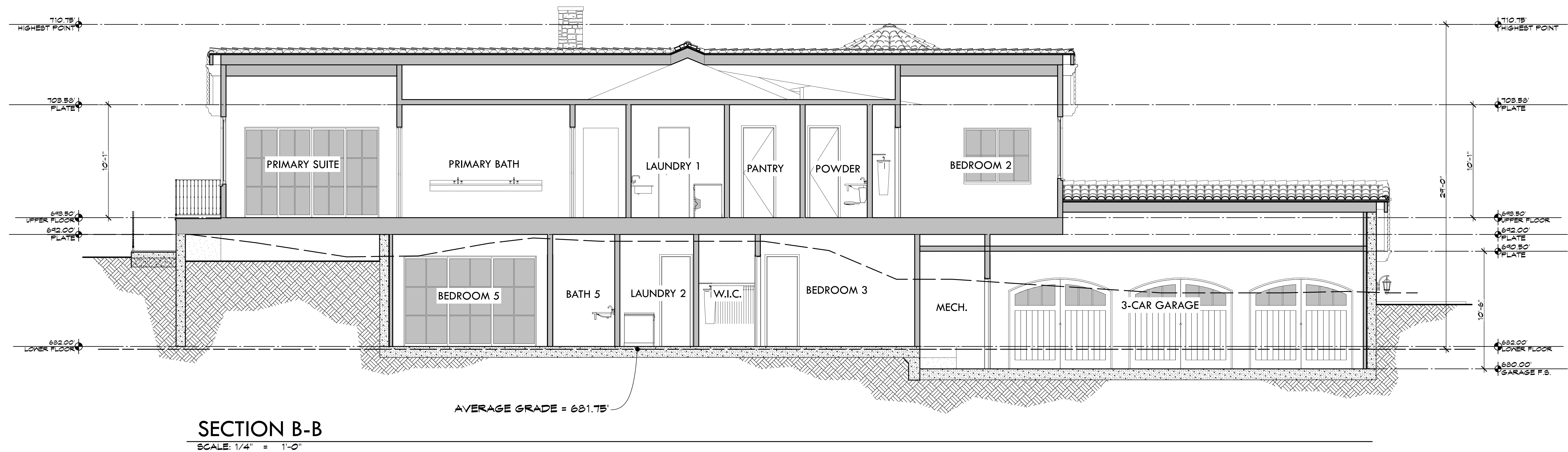
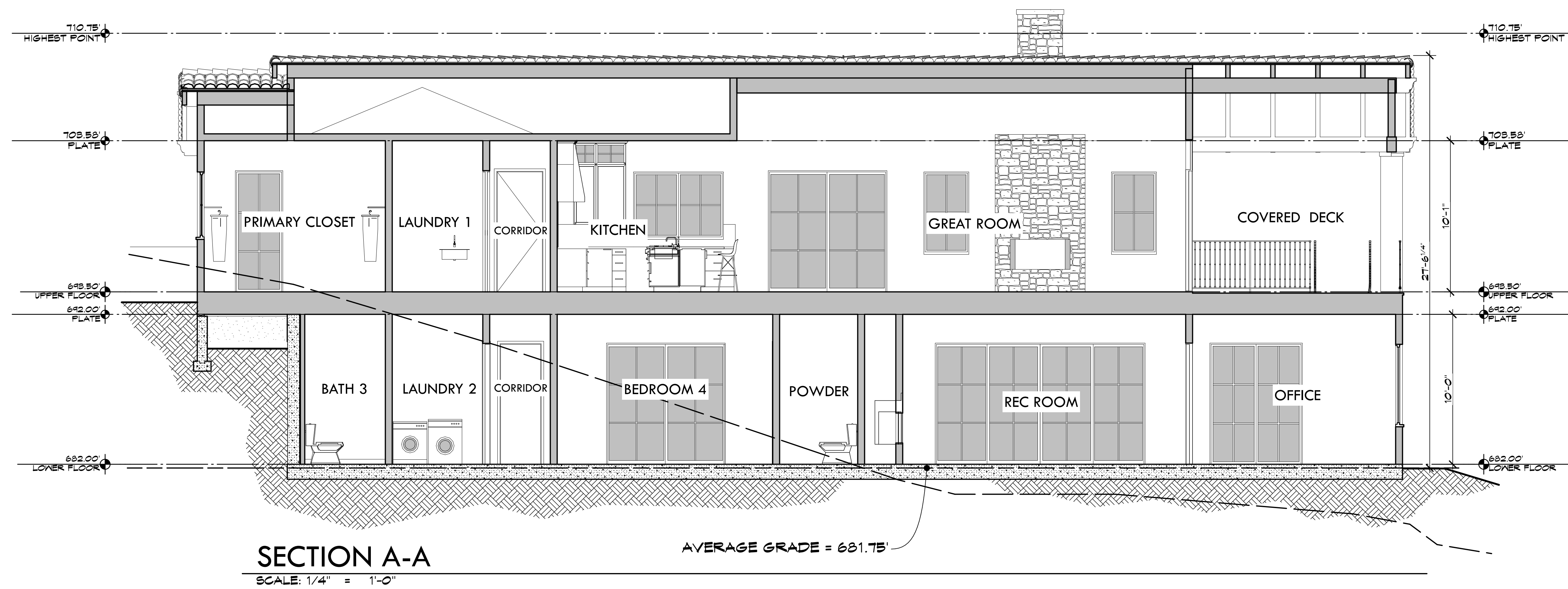
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16 OF 16

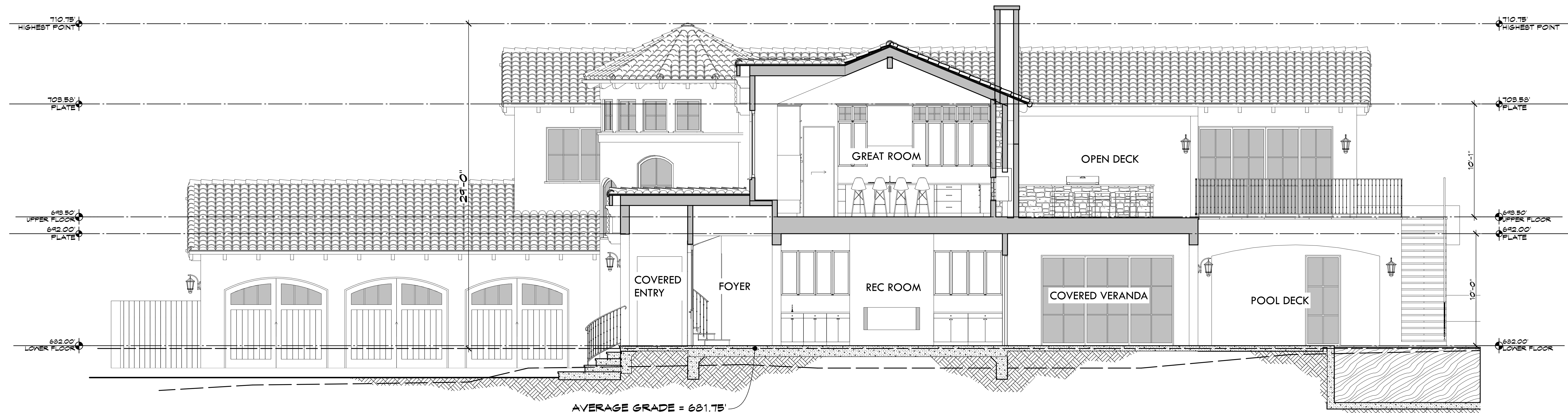






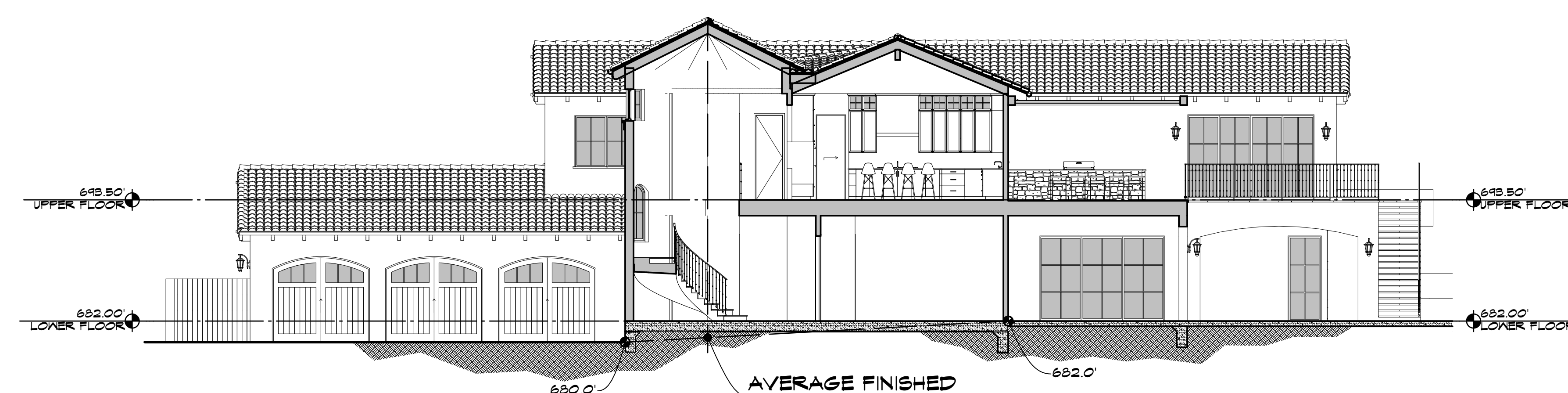






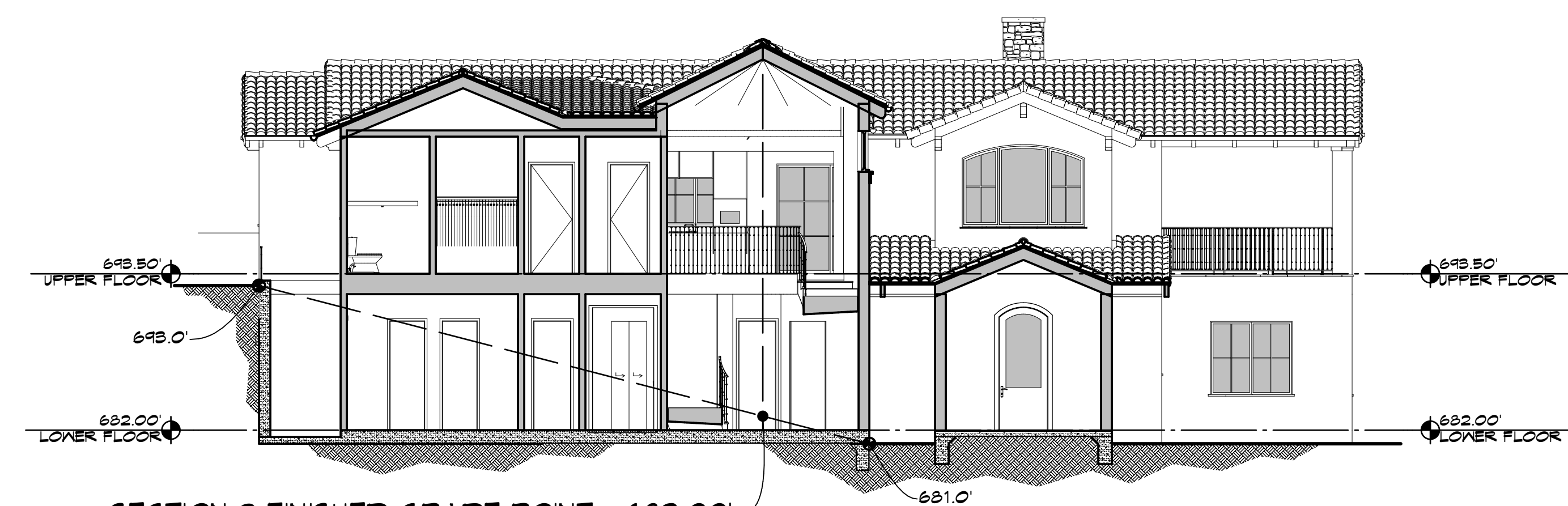
### SECTION C-C

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



### HEIGHT SECTION 1

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



### HEIGHT SECTION 2

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

AVERAGE GRADE &  
HEIGHT CALCULATION  
SECTION 1 POINT = 680.5'  
SECTION 2 POINT = 683.0'  
AVERAGE GRADE = 681.75'  
HIGHEST POINT = 710.75'  
TOTAL HEIGHT = 29.00'

#### REVISIONS


**KOHLSAAT  
& ASSOCIATES**  
51 UNIVERSITY AVE., T. • LOS GATOS, CA • 95030 • (408) 395-3555

A NEW RESIDENCE:  
**THE LAMBERT RESIDENCE**  
15100 SHANNON ROAD, LOS GATOS, CA

#### CROSS SECTIONS

DATE: 01/16/25

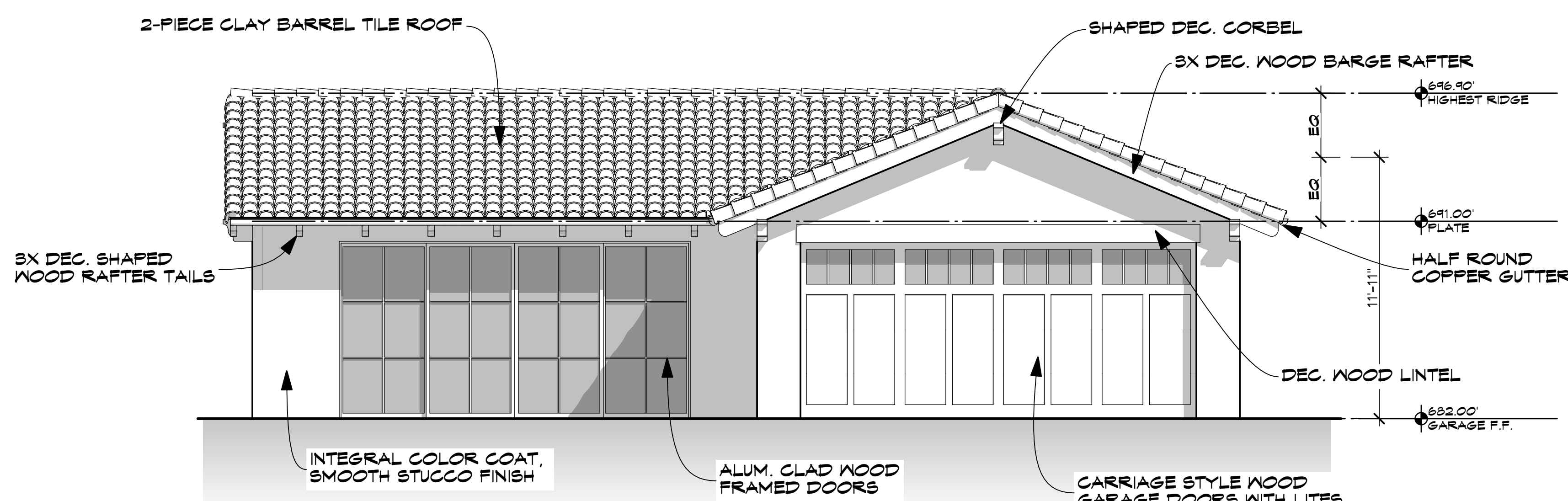
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**A-10**

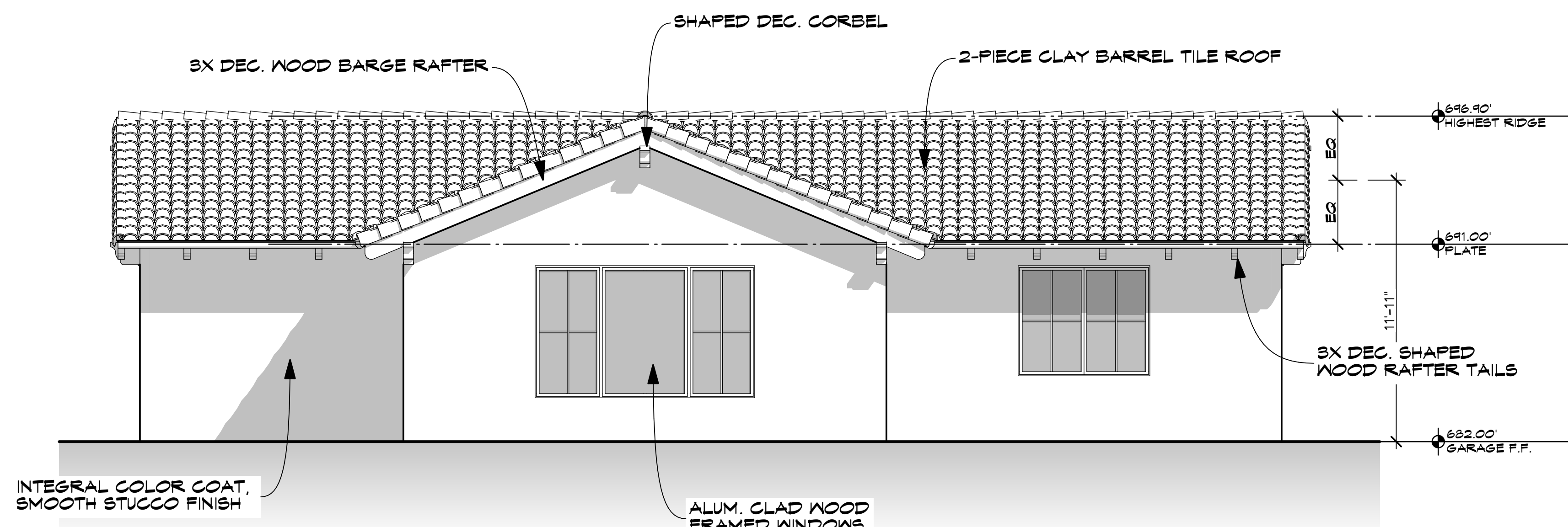
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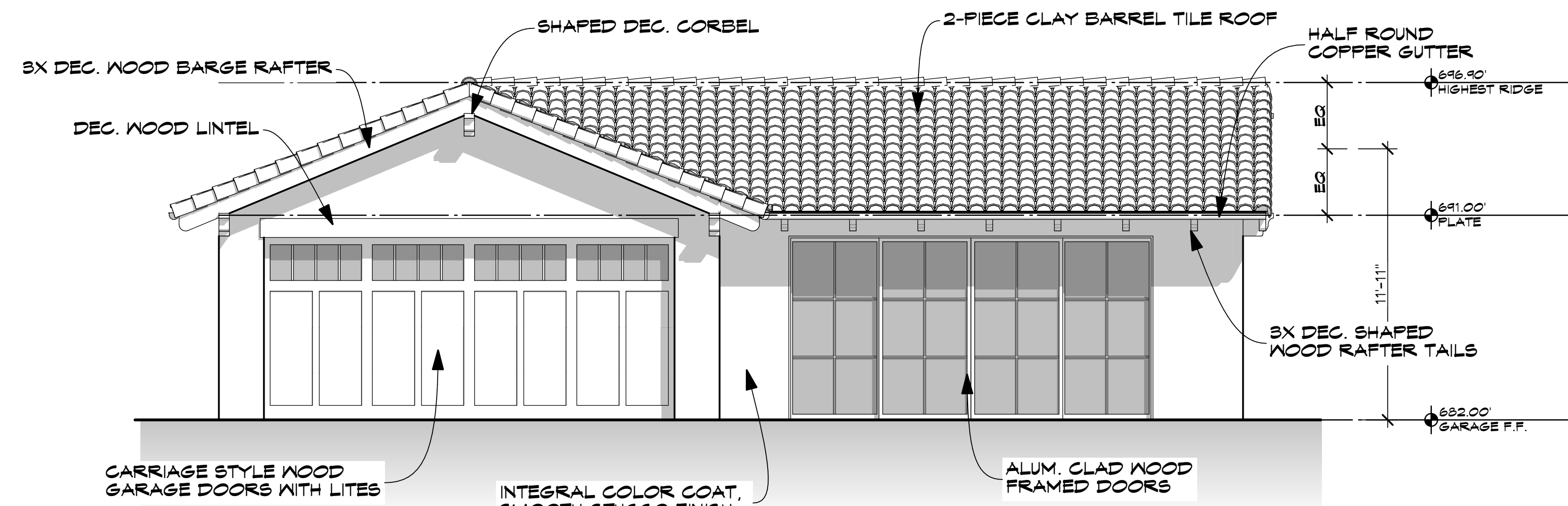
GARAGE FRONT ELEVATION

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



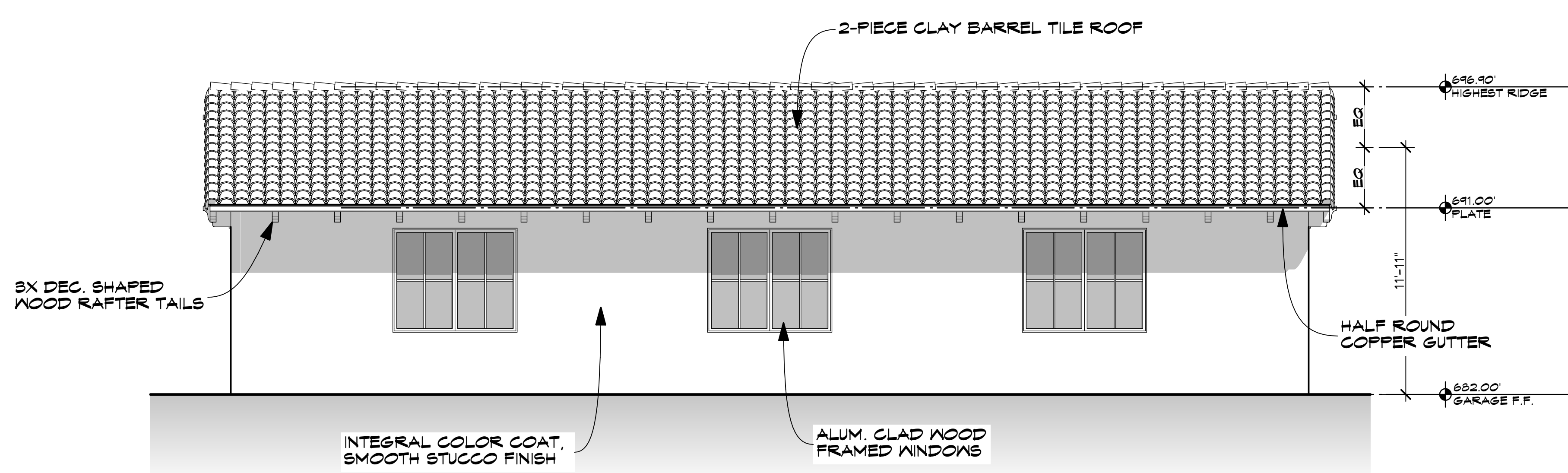
GARAGE LEFT ELEVATION

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



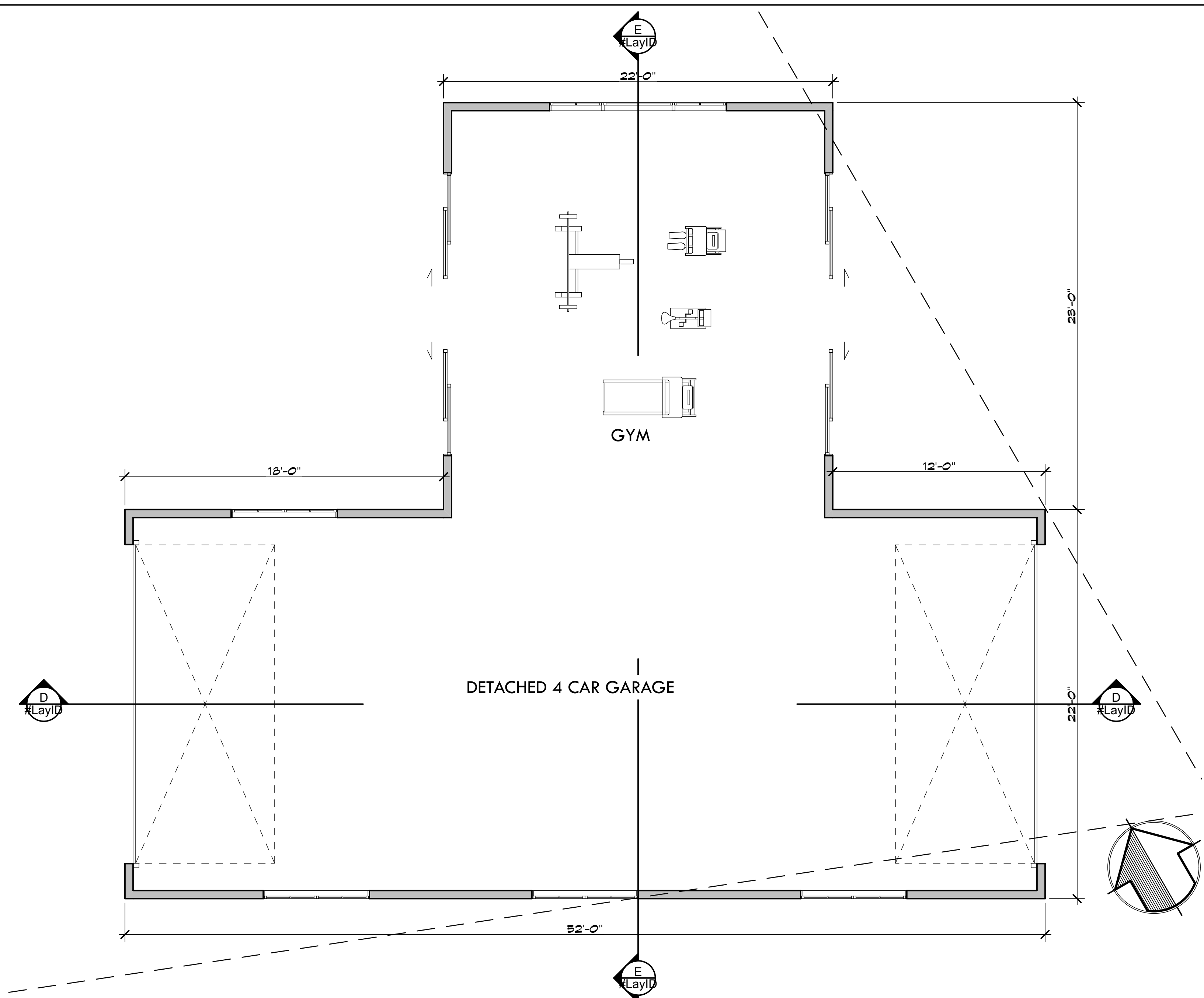
GARAGE REAR ELEVATION

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



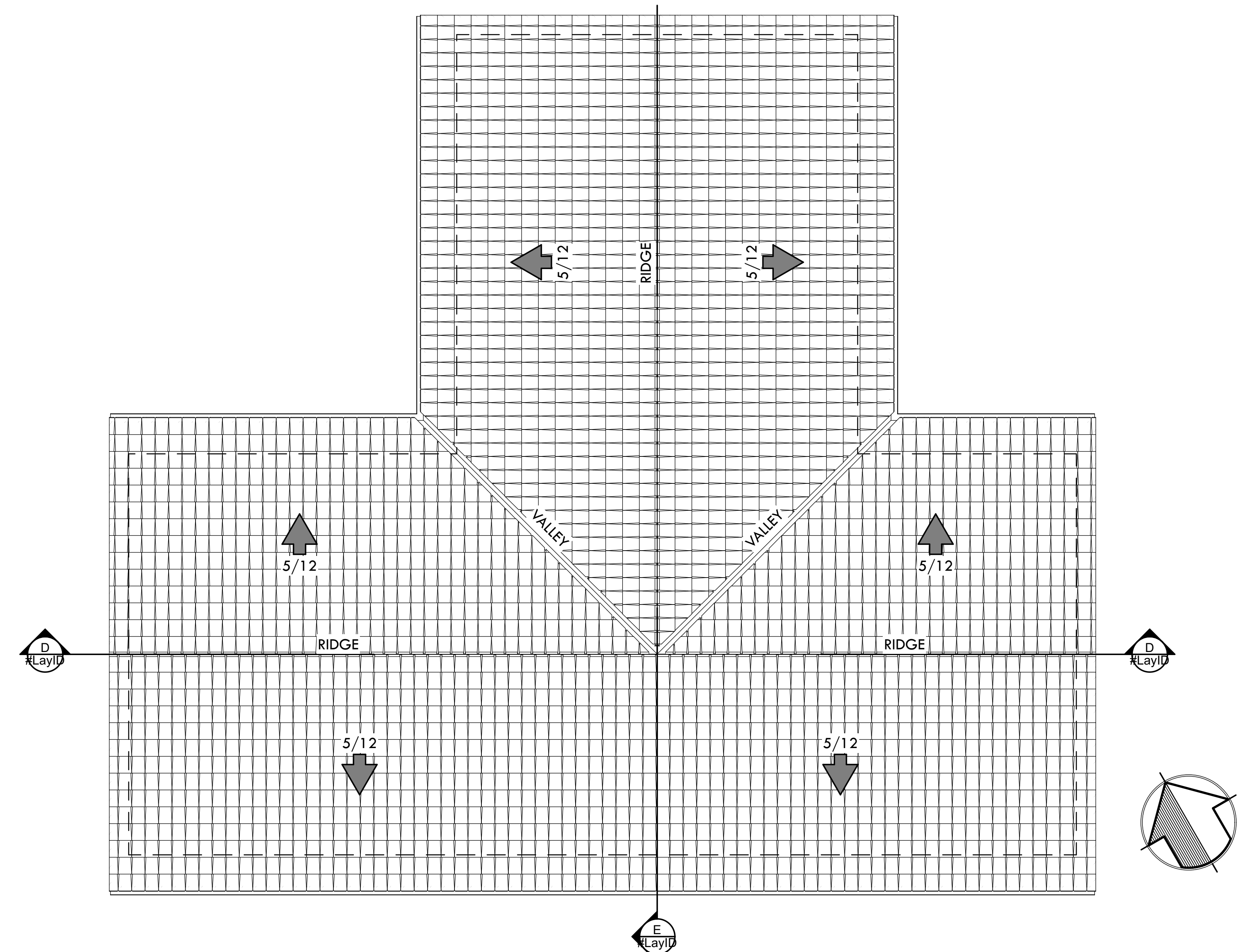
GARAGE RIGHT ELEVATION

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



DETACHED GARAGE FLOOR PLAN

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



DETACHED GARAGE ROOF PLAN

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



SEPTIC SYSTEM CONSTRUCTION NOTES

A. PROJECT REQUIREMENTS

- SYSTEM TO SERVE A NEW 5 BEDROOM, ±5,321 SQUARE FEET LIVING AREA HOUSE. INSTALLATION OF SYSTEM TO CONFORM TO SANTA CLARA COUNTY SEWAGE DISPOSAL ORDINANCE. CALL SANTA CLARA COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH 24 HOURS MIN. PRIOR TO START OF WORK AT (408) 918-3400.
- SEWAGE DISPOSAL SYSTEM CONSISTS OF A 1,500 GALLON SEPTIC TANK WITH WATERTIGHT ACCESS RISERS TO GRADE; A BULL-RUN DIVERSION VALVE; AND TWO 135' LF X 135' LF DISPERSAL FIELD OF 36" WIDE BY 24" DEEP DRAINROCK BED WITH INSPECTION RISERS TO GRADE. THE DISPERSAL FIELDS SHALL BE INTERCONNECTED WITH A DIVERSION VALVE. THE VALVE MUST BE CAPABLE OF DIRECTING THE SEPTIC TANK EFFLUENT TO ONE DISPERSAL FIELD AT A TIME.
- GROUND SLOPE OF DISPERSAL FIELD #1 & DISPERSAL FIELD #2 ARE BETWEEN 7.6% - 9.4%. DISPERSAL FIELDS SHALL BE INSTALLED LEVEL AND ON CONTOURS AS SHOWN ON PLAN.
- EXCESS SOIL FROM LEACHFIELD CONSTRUCTION SHALL BE SPREAD ON SITE AT A DEPTH OF 6" MAX OR BE REMOVED OFF-SITE.
- THE DIVERSION VALVE SHALL BE OPERATED ANNUALLY TO ROTATE THE USE OF DISPERSAL FIELDS TO EXTEND THE LIFE OF THE SEPTIC SYSTEM.
- MARK CAPS OF ALL BULL RUN VALVES (DV) AND RISERS (R) WITH A PERMANENT MARKER OR LABEL.
- SWIMMING POOLS OR SPAS MUST NOT BE DRAINED OR BACKWASHED INTO THE SEPTIC SYSTEM.
- AVOID PLANTING TREES IN DISPERSAL FIELD OR CLOSE TO SEPTIC TANK.
- GARBAGE DISPOSAL IS NOT RECOMMENDED. IF THEY ARE INSTALLED, THEY SHOULD BE USED SPARINGLY OR NOT AT ALL.
- THE SOLIDS THAT ACCUMULATE IN THE SEPTIC TANK SHOULD BE REMOVED BY PUMPING EVERY 3-5 YEARS TO PREVENT SOLIDS FROM ENTERING AND CLOGGING THE DISPERSAL FIELD.
- ALL WORK TO BE PERFORMED BY AN APPROPRIATELY LICENSED CONTRACTOR.
- PRIOR TO STARTING CONSTRUCTION, CONTRACTOR SHALL CONTACT USA AT 1-800-227-2620 TO LOCATE ALL UNDERGROUND UTILITIES.

B. SEPTIC TANK REQUIREMENTS

- MINIMUM CAPACITY: SEPTIC TANKS MUST HAVE A MINIMUM CAPACITY OF ONE THOUSAND FIVE HUNDRED (500) GALLONS OR TWICE THE PEAK DAILY WASTEWATER FLOW FOR THE FACILITY SERVED, WHICHEVER IS GREATER. MINIMUM SEPTIC TANK CAPACITY FOR ASSISTED CARE FACILITIES SHALL BE EQUAL TO THREE TIMES THE PEAK DAILY WASTEWATER FLOW.
- TWO COMPARTMENTS: SEPTIC TANKS MUST BE OF TWO-COMPARTMENT CONSTRUCTION, WITH THE FIRST COMPARTMENT EQUAL TO TWO-THIRDS THE TOTAL TANK VOLUME. THE COMPARTMENTS MUST BE SEPARATED BY A BAFFLE OR EQUIVALENT ARRANGEMENT.
- MATERIALS: SEPTIC TANKS MUST BE WATERTIGHT, PROPERLY VENTED AND CONSTRUCTED OF REINFORCED CONCRETE, HEAVYWEIGHT REINFORCED CONCRETE BLOCKS, FIBERGLASS OR OTHER DURABLE, NON-CORRODIBLE MATERIALS AS APPROVED BY THE DIRECTOR. SEPTIC TANKS SHALL BE DESIGNED TO WITHSTAND ANY ANTICIPATED WEIGHT PLACED ABOVE IT. ALL SEPTIC TANKS SHALL BE LISTED AND APPROVED BY IAPMO OR AN ANSI ACCREDITED TESTING ORGANIZATION. EXCEPTION TO THIS REQUIREMENT MAY BE GRANTED WHERE SUBMITTAL DESIGN CALCULATIONS FOR THE SEPTIC TANK ARE PROVIDED BY A CALIFORNIA REGISTERED CIVIL ENGINEER.
- ACCESS OPENINGS: ACCESS TO EACH SEPTIC TANK COMPARTMENT MUST BE PROVIDED BY A MANHOLE OPENING AT LEAST TWENTY INCHES IN DIAMETER.
- ACCESS RISERS: A RISER MUST EXTEND FROM EACH MANHOLE OPENING TO OR ABOVE THE SURFACE OF THE GROUND. THE RISER MUST BE OF A SIZE LARGER THAN THE MANHOLE OPENING, BE BOTH GAS- AND WATER-TIGHT, BE CONSTRUCTED OF DURABLE MATERIAL AND EQUIPPED WITH A SECURE COVER.
- EFFLUENT FILTER: THE OUTLET OF THE SEPTIC TANK SHALL BE FITTED WITH AN EFFLUENT FILTER CAPABLE OF SCREENING SOLIDS IN EXCESS THREE-SIXTEENTHS (3/16) OF AN INCH IN DIAMETER AND CONFORMING TO NSF/ANSI STANDARD 46 OR AS OTHERWISE APPROVED BY THE DIRECTOR.
- TANK CONNECTIONS: ALL CONNECTIONS FROM BUILDING TO SEPTIC TANK MUST CONFORM TO CONSTRUCTION STANDARDS AS REQUIRED BY THE COUNTY BUILDING OFFICIAL.
- WATER-TIGHTNESS TESTING: ALL NEW SEPTIC TANK INSTALLATIONS AND MODIFICATIONS TO EXISTING SEPTIC TANKS SHALL UNDERGO WATER-TIGHTNESS TESTING AS FOLLOWS:  
A) NEW TANKS: FOR NEW TANK INSTALLATIONS, THE TESTING SHALL BE DONE WITH THE RISERS IN PLACE AND THE INLET AND OUTLET PIPES PLUGGED. THE TANK SHALL BE FILLED WITH WATER TO A LEVEL EXTENDING A MINIMUM OF TWO (2) INCHES INTO THE RISERS, AND MONITORED FOR A 1-HOUR PERIOD, WITH NO MEASURABLE DROP IN THE WATER LEVEL.  
B) EXISTING TANKS: FOR EXISTING TANKS, THE TANK SHALL BE FILLED WITH WATER TO A LEVEL EVEN WITH THE INVERT OF THE OUTLET PIPE, AND MONITORED FOR A 1-HOUR PERIOD, WITH NO MEASURABLE DROP IN WATER LEVEL. HOWEVER, IN CASES WHERE THERE THE GROUNDWATER LEVEL IS KNOWN OR ESTIMATED TO RISE ABOVE THE LEVEL OF THE OUTLET PIPE DURING ANY TIME OF THE YEAR, THE WATER-TIGHTNESS TEST SHALL BE CONDUCTED FOLLOWING THE PROCEDURE FOR NEW TANK INSTALLATIONS; I.E., BY FILLING THE TANK WITH WATER INTO THE RISERS.

C. PIPE REQUIREMENTS

- SOLID PIPE, JOINTS AND CONNECTIONS: SOLID (NON-PERFORATED) PIPE FOR OWTS MUST CONFORM TO THE STANDARDS OF THE MOST RECENT EDITION OF THE UNIFORM PLUMBING CODE, WHICH IS ADOPTED BY REFERENCE INTO THE COUNTY'S BUILDING ORDINANCES. PIPE DIAMETER MUST BE FOUR INCHES. ALL SOLID PIPE JOINTS AND CONNECTIONS MUST BE GLOUED, CEMENTED OR MADE WITH AN ELASTOMERIC SEAL SO AS TO BE WATERTIGHT.
- TIGHTLINES UNDER RESIDENTIAL DRIVEWAY: TIGHTLINES IN RESIDENTIAL TRAFFIC AREAS MUST BE INSTALLED WITH SCHEDULE 40 PVC. AN ALTERNATIVE IS TO SLEEVE (I.E., DOUBLE PIPE) THE THIN WALL TIGHTLINE PIPE WITH AN OUTER PIPE CONSISTING OF SCHEDULE 40 PVC, ABS OR SUITABLE ALTERNATIVE AND RATED BY THE UNIFORM PLUMBING CODE.
- DISTRIBUTION PIPE, PERFORATED PIPE FOR CONVENTIONAL OWTS DISPERSAL SYSTEMS MUST CONFORM TO THE MOST RECENT EDITION OF THE UNIFORM PLUMBING CODE, WHICH IS ADOPTED BY REFERENCE INTO THE COUNTY'S BUILDING ORDINANCES. THE PIPE DIAMETER MUST BE FOUR INCHES.

D. DISPERSAL SYSTEM REQUIREMENTS

- TRENCH CONSTRUCTION:  
A) TRENCHES MUST BE PLACED IN UNDISTURBED EARTH, IN AN ACCESSIBLE AREA, AND SHALL NOT BE COVERED BY PAVING OR OTHER IMPERMEABLE OR COMPACTED SURFACE. NATURAL TOPOGRAPHY SHALL NOT BE GRADED TO MODIFY SLOPE.  
B) THE BOTTOM OF A TRENCH MUST BE LEVEL, WITH A VARIATION OF NO MORE THAN 2 INCHES PER 100 LINEAL FEET OF TRENCH. TRENCHES SHALL BE ALIGNED PARALLEL TO THE GROUND SURFACE CONTOURS TO THE GREATEST EXTENT PRACTICABLE.  
C) ADJACENT TRENCHES ON SLOPES MUST BE CONNECTED WITH A WATERTIGHT OVERFLOW LINE (RELIEF LINE) IN A MANNER THAT ALLOWS EACH TRENCH TO BE FILLED WITH SEWAGE EFFLUENT TO THE DEPTH OF THE ROCK BEFORE THE SEWAGE FLOWS TO THE NEXT LOWER TRENCH. ALTERNATIVELY, A DISTRIBUTION BOX (D-BOX) MAY BE USED TO EQUALLY DIVIDE THE FLOW AMONGST THE TRENCHES, PROVIDED THE PROPOSED D-BOX IS OF A DESIGN APPROVED AND LISTED BY THE DCH PER PART 3.1.2 (MATERIALS AND EQUIPMENT) OF THIS MANUAL. FOR SYSTEMS LOCATED ON SITES HAVING SLOPES OF LESS THAN 5%, A GRID/DESIGN MAY BE USED IN ACCORDANCE WITH GUIDELINES PROVIDED UNDER AT THE END OF THIS SECTION (E.3.F).  
D) TRENCHES MUST NOT BE EXCAVATED WHEN THE SOIL IS SO WET THAT SMEARING OR COMPACTION OCCURS.  
E) IN CLAY SOILS WHEN GLAZING OCCURS, THE TRENCH SURFACES MUST BE SCARIFIED TO THE DEPTH OF THE GLAZING AND THE LOOSE MATERIAL REMOVED.  
F) ROCK MATERIAL IN THE TRENCH MUST BE WASHED AND FREE OF PINES, AND MUST BE COVERED WITH AN APPROVED FILTER FABRIC SILT BARRIER (GEOTEXTILE) PRIOR TO BACKFILLING WITH NATURAL EARTH.  
G) A CARPED INSPECTION RISER SHALL BE INSTALLED WITHIN EACH TRENCH TO PROVIDE A MEANS OF OBSERVING THE EFFLUENT LEVEL IN THE TRENCH.  
H) EROSION CONTROL MEASURES SHALL BE IMPLEMENTED FOLLOWING INSTALLATION PER REQUIREMENTS OF SECTION B11-25(C) FOR ANY CONVENTIONAL DISPERSAL SYSTEM WHERE: (1) GROUND SLOPE EXCEEDS 20%; (2) ABOVE-GRADE COVER FILL IS ADDED; (3) DESIGN FLOW EXCEEDS 1,000 GPD; OR (4) A GRADING AND/OR DRAINAGE PERMIT IS REQUIRED FOR PROJECT SITE DEVELOPMENT PER DIVISION C12, CHAPTER 11 OF THE COUNTY CODE. THE PLAN SUBMITTAL FOR THE OWTS SHALL INCLUDE AN EROSION CONTROL PLAN IN ACCORDANCE WITH REQUIREMENTS OF ORDINANCE SECTION B11-25(C).

LEGEND

- PVC SOLID PIPE (PVC SCH40 OR SDR26)
- 4" PVC PERFORATED PIPE (SDR35)
- POPOVER
- SANITARY SEWER CLEANOUT
- INSPECTION RISER
- DIVERSION VALVE W/CHRISTY B3 UTILITY BOX
- 1,500 GAL SEPTIC TANK
- DON CHAPIN IP1500 OR EQUAL
- EXCLUDED PERCOLATION HOLE
- FIBER ROLLS

NOTES

- PVC SEWER SOLID PIPE SHALL BE SLOPED AT 2% MINIMUM.
- CONTRACTOR SHALL TEST AND VERIFY THAT THE EXISTING SEPTIC TANK MEETS THE SEPTIC TANK REQUIREMENTS PRIOR TO RELOCATING THE TANK.
- CONTRACTOR TO EXCAVATE 6 FT FROM THE END OF PROPOSED DISPERSAL FIELD TO VERIFY SETBACK CLEARANCE TO EXISTING DISPERSAL FIELD.

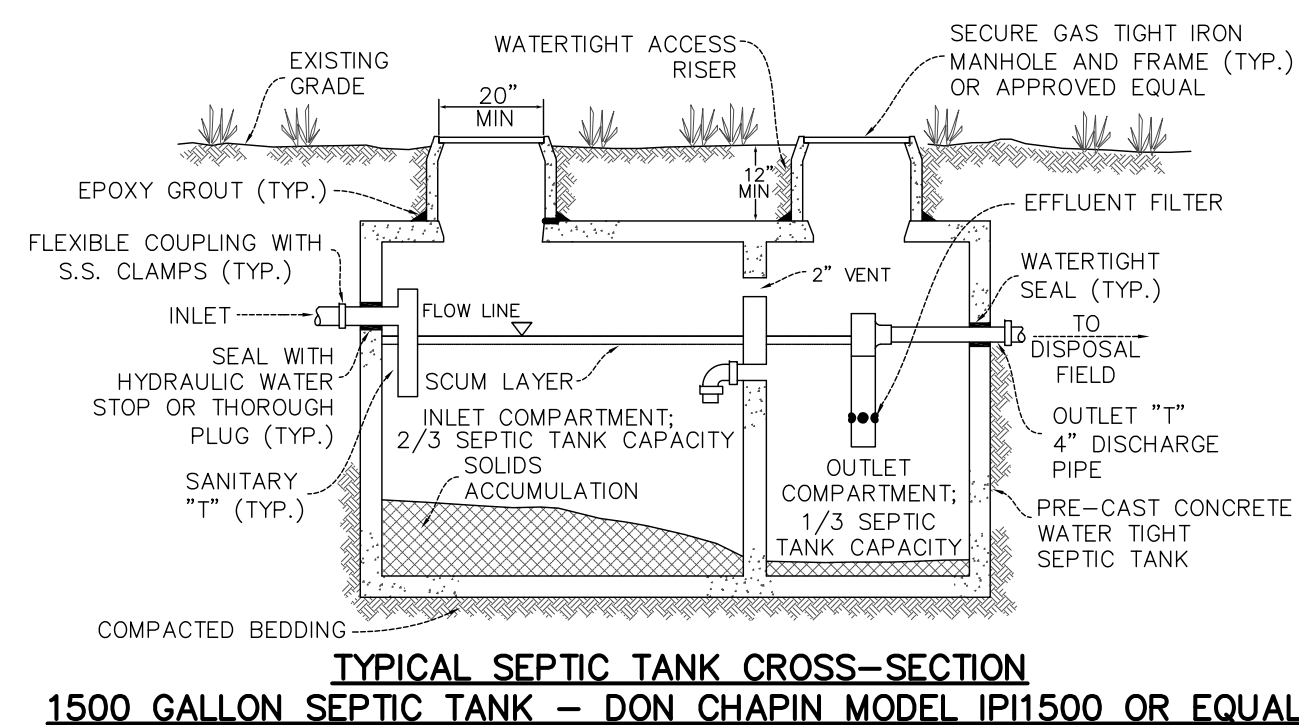
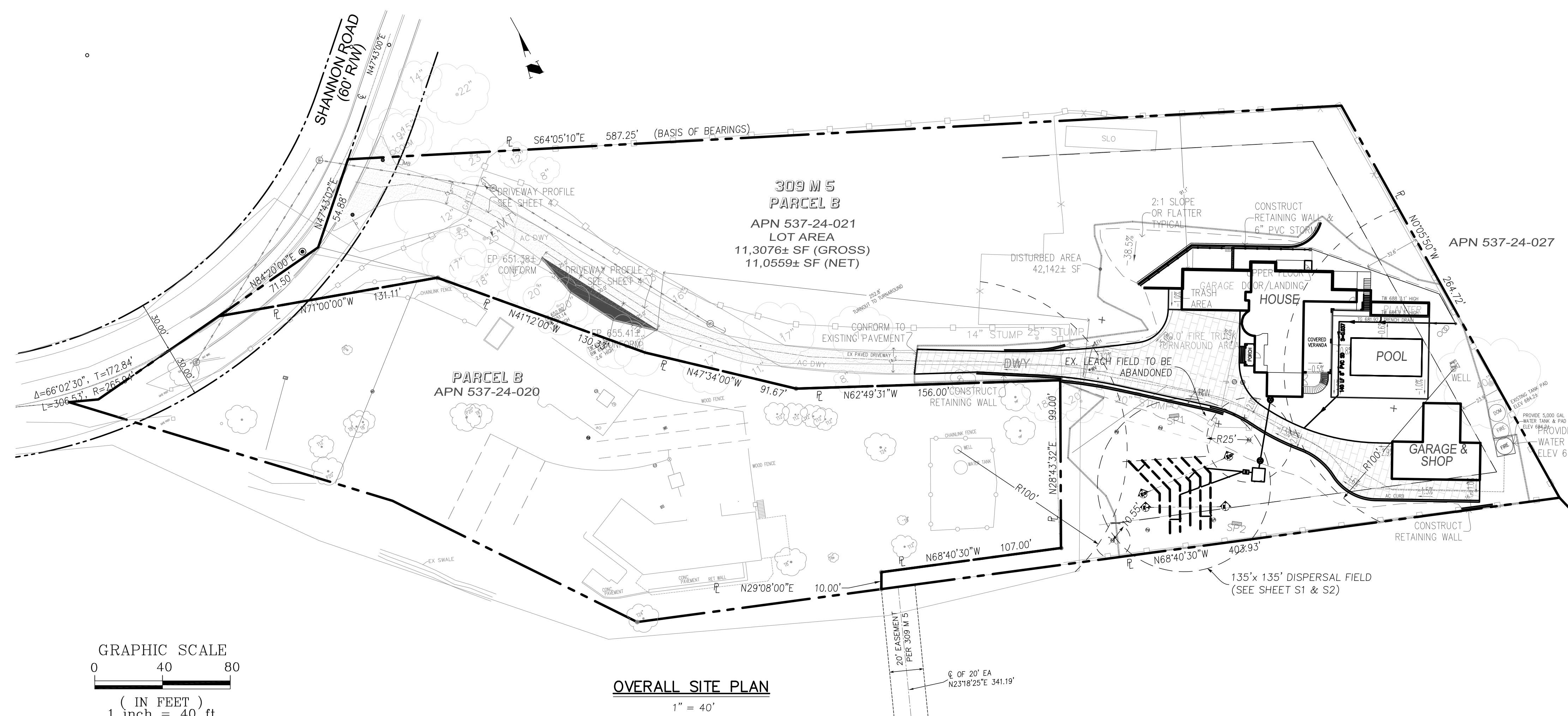
**SEWAGE SYSTEM REVIEW**  
SANTA CLARA COUNTY  
DEPARTMENT OF ENVIRONMENTAL HEALTH  
Project Description: Remodel SFR to 5 bedroom max (600 gal/day)  
SR No.: 0878100  
APPROVAL RECOMMENDED  
X With existing system (Existing No.)  
X Install/modify system per plan (describe below)  
(Obtain a permit from Environmental Health)  
New 1500 gallon septic tank connected to 135'x135' w/ 7 SF: Septic tank abandonment of existing ST  
R.E.H.S. Ross Kakinami Date: 12/05/2024  
Not A Sewage System Permit. Plan is void if absent signature

**County of Santa Clara - Department of Environmental Health  
SOIL PERCOLATION TEST RECORDED MEASUREMENTS**

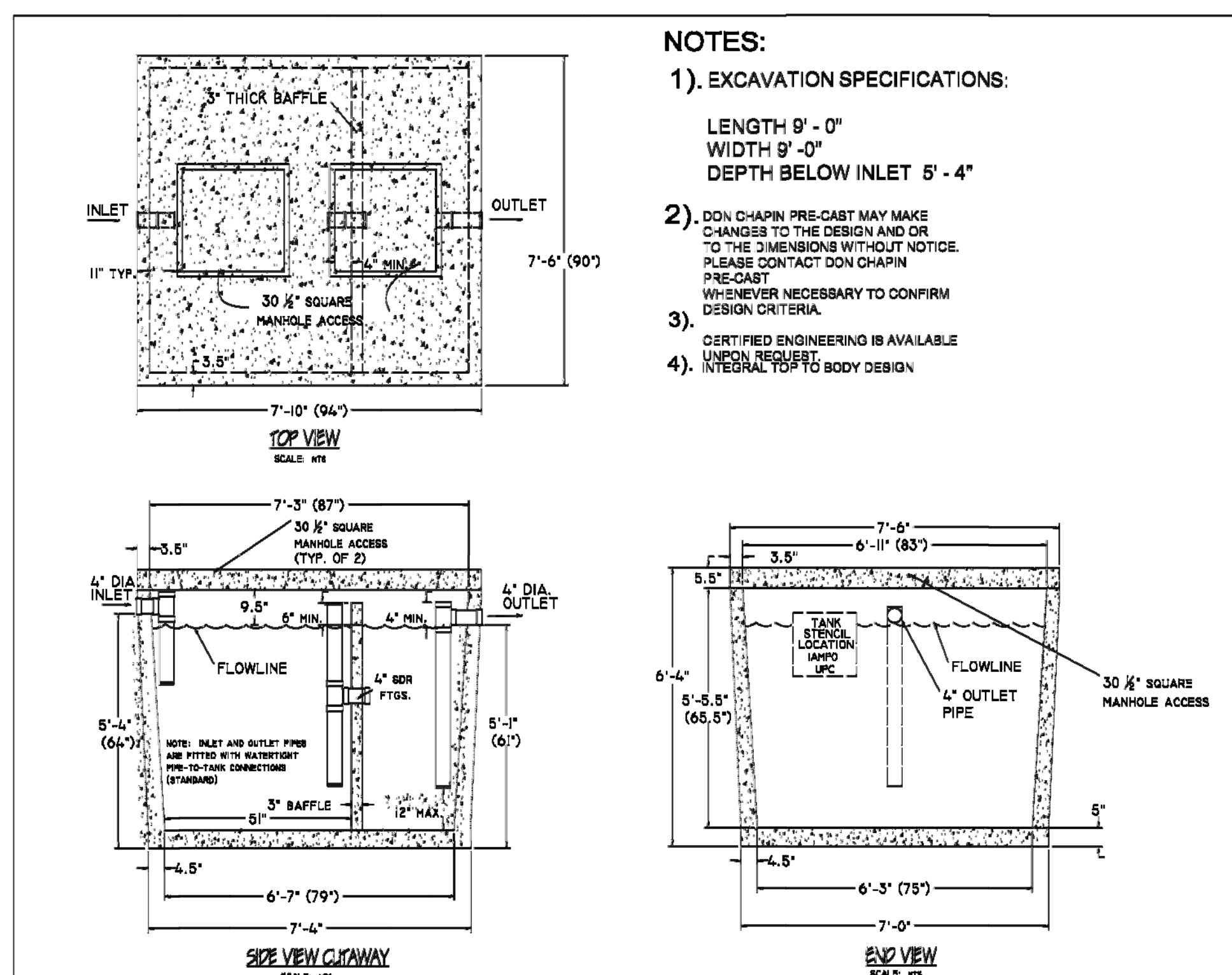
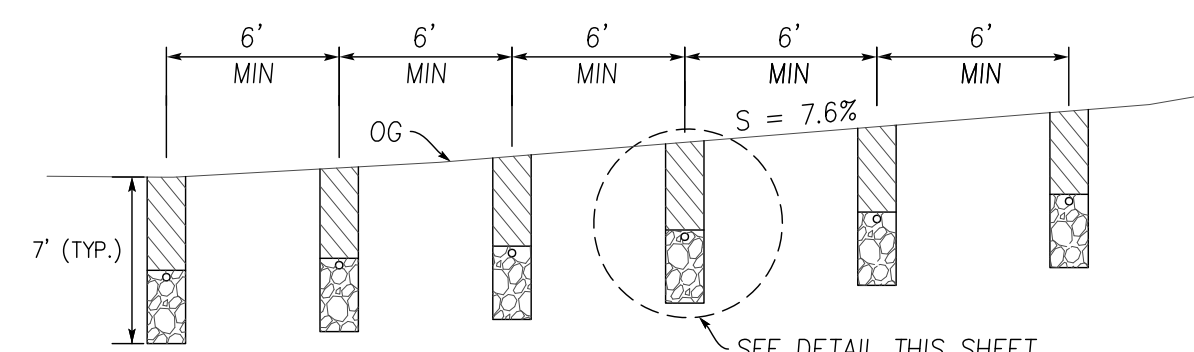
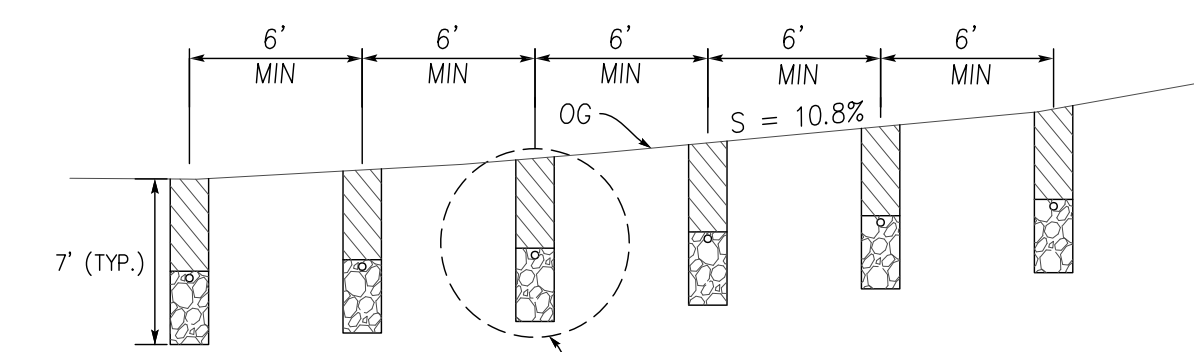
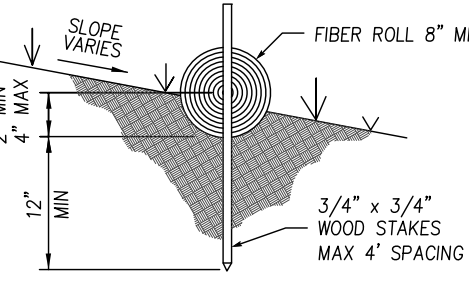
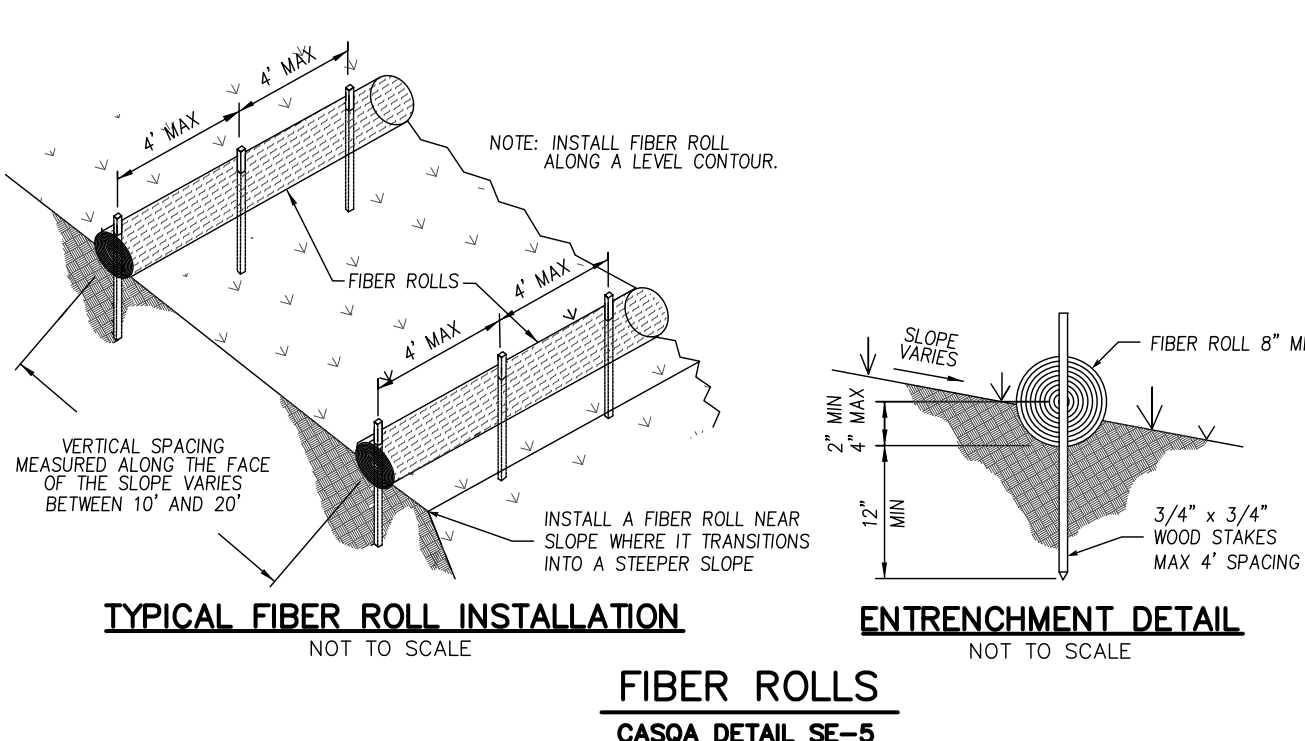
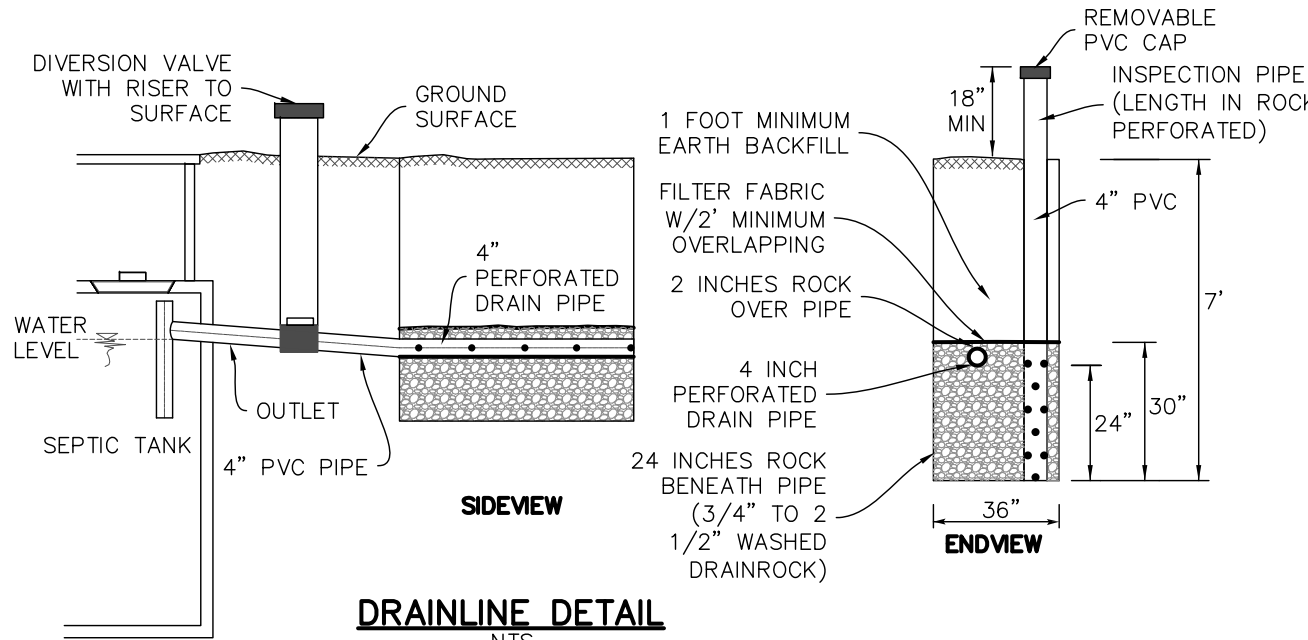
OWNER/APPLICANT: LOCATION: 15100 Shannon Rd, Los Gatos CONTACT PERSON: David Lambert	SR #: REHS: PHONE:	PLAN FILE #: DATE: 7/10/22
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HOLE#1						HOLE#2											
TIME			DEPTH 7'			TIME			DEPTH 7'								
START	FINISH		START	FINISH	WATER LEVEL	START	FINISH		START	FINISH	WATER LEVEL						
1:00	1:30	1:30	8:05	8:25	8:25	30	5.75	5.24	1:07	1:37	1:37	8:25	8:35	8:35	30	1.25	11.19
1:30	1:45	1:45	8:25	8:35	8:35	30	7.5	10	1:33	1:47	1:47	8:35	8:45	8:45	30	1.625	18.46
1:45	2:05	2:05	8:35	8:45	8:45	30	1.5	20	2:04	2:34	2:34	8:45	8:55	8:55	30	1.5	20
2:05	2:15	2:15	8:45	8:55	8:55	30	6.25	14.8	2:28	2:58	2:58	8:55	9:15	9:15	30	1.5	20
2:15	2:35	2:35	8:55	9:15	9:15	30	6.25	14.8									
<b>AVG. = 42.67 MPI</b>						<b>AVG. = 19.49 MPI</b>											
												</					





NTS  
CONCRETE TANKS MUST BE USED WHERE POSSIBLE. ALTERNATIVE MATERIALS ARE  
APPROVED ON A SITE SPECIFIC BASIS. THE DEPARTMENT OF ENVIRONMENTAL  
HEALTH MAINTAINS A LIST OF APPROVED SEPTIC TANKS.



**DON CHAPIN PRE-CAST**  
2735 BOLSA RD.  
HOLLISTER, CA 95023  
(831) 630-1042  
(831) 630-5763

PRE-CAST CONCRETE WATER TIGHT  
TRAFFIC RATED GREASE INTERCEPTOR  
CAPACITY 1500 GALLONS  
MODEL IP1500

**DON CHAPIN**  
PRE-CAST

[illegible]