

THESE IMPROVEMENT PLANS HAVE BEEN PREPARED WITH THE INTENT THAT THE FIRM OF GIULIANI & KULL, INC. WILL BE PERFORMING THE CONSTRUCTION STAKING FOR THE COMPLETED PROJECT. IF, HOWEVER, ANOTHER ENGINEERING AND/OR SURVEYING FIRM SHOULD BE EMPLOYED TO USED THESE PLANS FOR THE PURPOSE OF CONSTRUCTION STAKING, NOTICE IS HEREBY GIVEN THAT THE FIRM OF GIULIANI & KULL, INC. WILL NOT BE ASSUMING ANY RESPONSIBILITY FOR ERRORS OR OMISSIONS WHICH MAY BE INTRODUCED BY SUCH FIRM IN THE STAKING WORK.

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 SIGMA PRIME GEOSCIENCES AND DATED APRIL 27, 2021. 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 66-18).
- 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 GRADING 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 RE-ESTABLISH THE PROJECT BOUNDARY. CONSTRUCTION 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 INSPECTED BY THE COUNTY INSPECTOR PRIOR TO THE COMMENCEMENT OF GRADING.

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 SHALL BE LIMITED TO INSPECTION OF MATERIALS AND ACCESSSES TO 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) 299-8888 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 OF THE COUNTY OF SANTA CLARA.
- 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:
 - TO A MINIMUM DEPTH OF TWO FEET BELOW THE FINISHED GRADE OF PROPOSED ROADWAYS (EITHER PRIVATE OR TO BE DEDICATED TO PUBLIC USE)
 - 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 DO SO. 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% AND 4 INCHES OF HOT ASPHALT CONCRETE PLACED IN TWO LIFTS. TRENCH RESTORATION 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 AS 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, IS 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 BENCHMARKED AND THE FILL KEVED 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) MOISTENING THE FILL WITH WATER IF IT IS TOO DRY. EACH LIFT SHALL BE THOROUGHLY MIXED BEFORE COMPACTION TO ENSURE A UNIFORM DISTRIBUTION OF MOISTURE.
- EXCESS CUT MATERIAL SHALL NOT BE SPREAD OR STOCKPILED ON THE SITE.
- SURPLUS EARTH FILL MATERIAL SHALL BE PLACED IN A SINGLE (8" MAX) THICK LAYER COMPACTED TO WITHSTAND WEATHERING IN THE AREA(S) DESIGNATED 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.

VERT. DEPTH			
LOCATION	CUT (C.Y.)	FILL (C.Y.)	CUT - FILL
RESIDENCE	188	43	11' - 4"
ACCESSORY STRUCTURE	3	3	1' - 1'
HARDSCAPE	56	71	4' - 1"
LANDSCAPE	34	84	6' - 3"
DRIVEWAY	220	246	7' - 3"
OFF SITE IMPROVEMENTS			
TOTAL	501	447	

* INCLUDES 71 CY OF CUT FOR THE 2 LIGHTWELLS

NOTE: FILL VOLUMES INCLUDE 10% SHRINKAGE.

- EXCESS MATERIAL SHALL BE 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 PROJECT GEOTECHNICAL ENGINEER SHALL 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 IS 0.75+/- ACRES
- PARCEL AREA = 0.801 +/- AC.
- WOID NO. N/A
- THE INSPECTOR MAY VERIFY THAT A VALID NOTICE OF INTENT (NOI) HAS BEEN ISSUED BY THE STATE AND THAT 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 PRIOR TO 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:
 - FENCING SHOULD BE PLACED ALONG THE OUTSIDE EDGE OF THE DRIPLINE OF THE TREE OR GROVE OF TREES.
 - THE FENCING SHALL BE MAINTAINED THROUGHOUT THE SITE CONSTRUCTION PERIOD AND SHALL BE INSPECTED PERIODICALLY FOR DAMAGE AND PROPER FUNCTION.
 - FENCING SHALL BE REPAIRED, AS NECESSARY, TO PROVIDE A PHYSICAL BARRIER FROM CONSTRUCTION ACTIVITIES.
 - 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 PLACED 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

- PAIFIC GAS & ELECTRIC ELECTROLUER 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 CONSTRUCTION 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 (COR)). 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 1-800-334-6367.
- 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 EQUAL). SEEDING AND WATERING SHALL BE MAINTAINED AS REQUIRED TO ENSURE GROWTH.
- ALL DITCHES SHALL BE LINED PER COUNTY STANDARD SDR.
- ALL STORM DRAINAGE STRUCTURES SHALL BE INSTALLED WITH EFFECTIVE ENTRANCE & OUTFALL EROSION CONTROLS E.G. SACKED CONCRETE RIP RAP. ENDS OF STORM WATER RUN-OFF IS DIRECTLY FLOWING INTO THE SANTA CLARA COUNTY ROAD RIGHT-OF-WAY. THE BMP'S SHALL BE USED THROUGHOUT DURATION OF THE CONSTRUCTION AND UNTIL THE ESTABLISHMENT OF PERMANENT STABILIZATION AND SEDIMENT CONTROL TO PREVENT CONSTRUCTION MATERIALS, EXCAVATED MATERIALS, WASTE MATERIALS, AND SEDIMENT CAUSAED BY EROSION FROM CONSTRUCTION ACTIVITIES ENTERING THE STORM DRAIN SYSTEM, WATERWAYS, AND ROADWAY INFRASTRUCTURE. BMP'S SHALL INCLUDE, BUT NOT BE LIMITED TO THE FOLLOWING:
 - A.REDUCTION OF POLLUTANTS IN STORM WATER DISCHARGES FROM THE CONSTRUCTION SITE AND THE CONTRACTOR'S MATERIAL AND EQUIPMENT LAYDOWN / TAGING 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 / OWNER'S CONTRACTOR, AGENT, AND/OR ENGINEER SHALL INSTALL AND MAINTAIN CONSTRUCTION BEST MANAGEMENT PRACTICES (BMP'S) WITHIN THE SANTA CLARA COUNTY ROAD RIGHT-OF-WAY AND ANY PORTION OF THE SITE WHERE STORM WATER RUN-OFF IS DIRECTLY FLOWING INTO THE SANTA CLARA COUNTY ROAD RIGHT-OF-WAY. THE BMP'S SHALL BE USED THROUGHOUT DURATION OF THE CONSTRUCTION AND UNTIL THE ESTABLISHMENT OF PERMANENT STABILIZATION AND SEDIMENT CONTROL TO PREVENT CONSTRUCTION MATERIALS, EXCAVATED MATERIALS, WASTE MATERIALS, AND SEDIMENT CAUSAED BY EROSION FROM CONSTRUCTION ACTIVITIES ENTERING THE STORM DRAIN SYSTEM, WATERWAYS, AND ROADWAY INFRASTRUCTURE. BMP'S SHALL INCLUDE, BUT NOT BE LIMITED TO THE FOLLOWING:
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 - 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 / OWNER'S CONTRACTOR, AGENT, AND/OR ENGINEER SHALL ENSURE THAT ALL TEMPORARY 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 AND ANY PORTION OF THE SITE WHERE STORM WATER RUN-OFF IS DIRECTLY FLOWING INTO THE SANTA CLARA COUNTY ROAD RIGHT-OF-WAY.

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 CAS612008 / ORDER NO. R2-2009-0047 AND NPDES PERMIT CAS000004 / ORDER NO. 2013-0001-DWO.
- 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

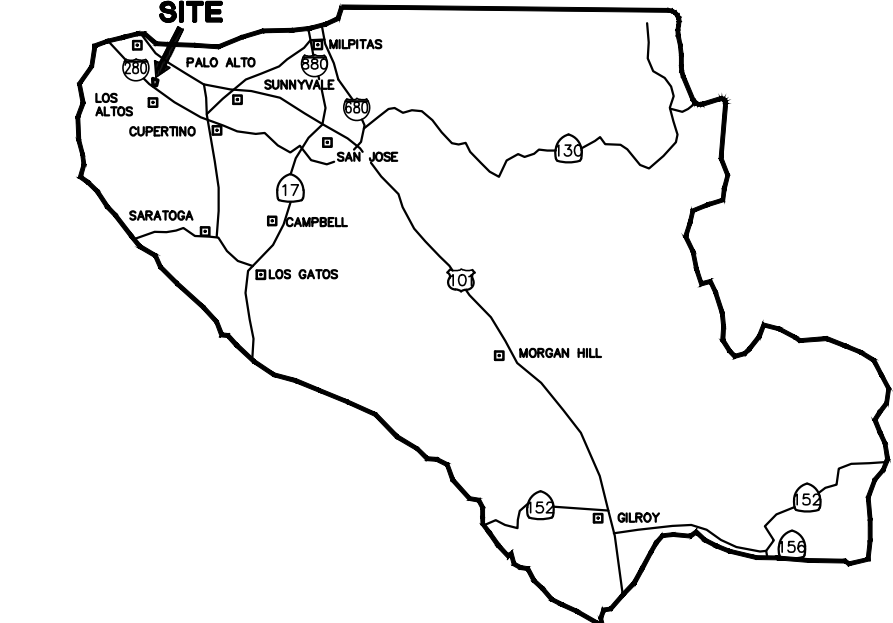
THIS IS A TRUE COPY OF THE AS-BUILT PLANS. THERE (____) WERE) (____) WERE NOT) MINOR FIELD CHANGES - MARKED WITH THE SYMBOL (*), THERE (____) WERE) (____) WERE NOT) PLAN REVISIONS INDICATING SIGNIFICANT CHANGES REVIEWED BY THE COUNTY ENGINEER AND MARKED WITH THE SYMBOL Δ.

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 COMPLETION AND RELEASE OF THE BOND.

GEOTECHNICAL ENGINEER OBSERVATION

- A CONSTRUCTION OBSERVATION LETTER FROM THE RESPONSIBLE GEOTECHNICAL ENGINEER AND ENGINEER OF RECORD 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.
- SIGMA PRIME GEOSCIENCES, INC. JOB NO. 21-139 APRIL 27, 2021.



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 OR OTHERWISE IDENTIFY WITH PAINT OR OTHER MARKINGS 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) IN THE SURFACE OF THE NEW CONSTRUCTION OR SET A WITNESS 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.

* NOTE:
SUMMERHILL COURT IS A COUNTY MAINTAINED ROAD AND ALL WORK IN THE RIGHT-OF-WAY REQUIRES AN ENCROACHMENT PERMIT.

PROJECT BENCHMARK:

NOTE: AN ASSUMED BENCH MARK GPS ELEVATION OF 273.92 WAS USED FOR THIS SURVEY. FOR THE FOUND RIM ELEVATION OF THE SANITARY SEWER MANHOLE IN THE CUL-DE-SAC OF SUMMERHILL COURT.

BASIS OF BEARINGS:

THE BEARING N 43°45' E, BEING THE CENTERLINE OF SUMMERHILL COURT, AS FOUND MONUMENTED IN THE FIELD AND AS SHOWN UPON THAT CERTAIN MAP ENTITLED "TRACT NO. 958, VIEW ACRES", WHICH WAS FILED FOR RECORD IN BOOK 41 OF MAPS, AT PAGE 23, IN SANTA CLARA COUNTY RECORDS.

COUNTY OF SANTA CLARA DEPT. OF ROADS AND AIRPORTS	
ISSUED BY: _____	DATE: _____
ENCROACHMENT PERMIT NO. _____	

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 DATE(S) NO. _____

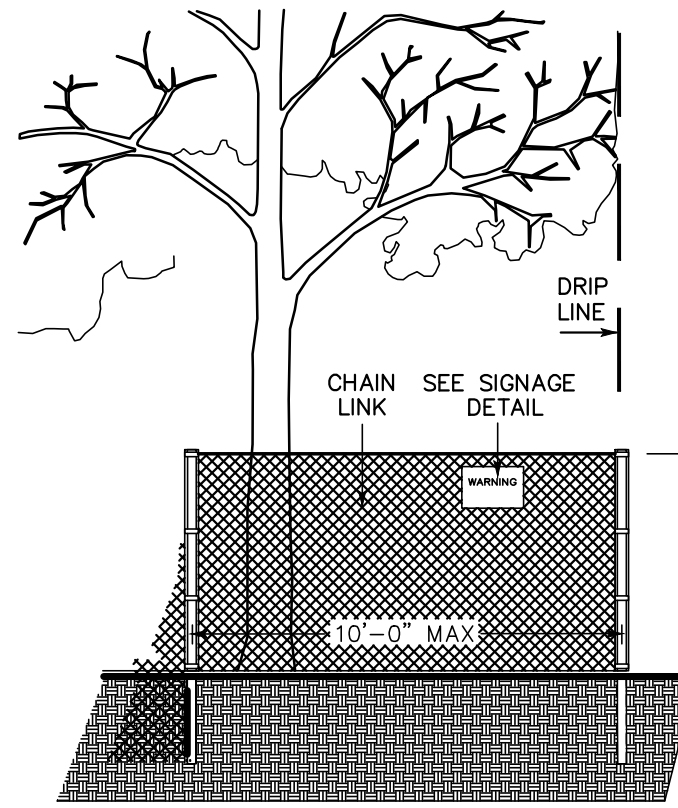
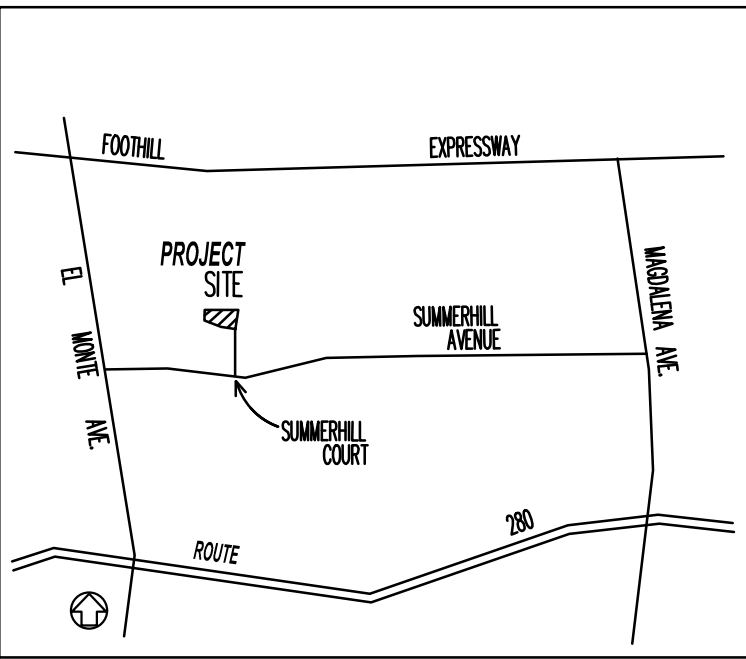
DATE 3/30/22 Mark A. Helton C49168
SIGNATURE R.C.E. NO.
EXPIRATION DATE 9/30/22



COUNTY ENGINEER'S NOTE

ISSUANCE OF A PERMIT AUTHORIZING CONSTRUCTION DOES NOT RELEASE THE DEVELOPER, PERMITTEE 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 _____ CHRISTOPHER L. FREITAS
42107 3/31/2022
R.C.E. NO. EXPIRATION DATE



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 ISSUED 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, REPAIRED 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.

24591 SUMMERHILL COURT
APN 336-13-016
LOS ALTOS, CALIFORNIA

SCOPE OF WORK

- THE DEVELOPER/CONTRACTOR 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 MODIFICATION OF THE EROSION CONTROL PLANS TO PREVENT ILLICIT DISCHARGES FROM THE SITE DURING CONSTRUCTION.

ITEM DESCRIPTION

- CLEARING AND GRUBBING
- ROUGH GRADING PAD, DRIVEWAY AND PATIO PAD.
- 3" AC OVER 10" CL II AB DRIVEWAY
- INSTALL SANITARY SEWER LATERAL
- INSTALL FIRE HYDRANT
- 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 GEOLOGIC REPORTS SHALL BE SUBMITTED PRIOR TO THE GRADING COMPLETION AND RELEASE OF THE BOND.
- THE ENCROACHMENT PERMIT INCLUDES ALL WORK IN THE COUNTY MAINTAINED RIGHT-OF-WAY TO PROVIDE CONNECTIONS OF UTILITY LATERALS (GAS, ELECTRICITY SEWER, AND WATER) AND DRIVEWAY APPROACHES FOR EACH HOUSE, AS WELL AS GRADING & VEGETATION REMOVAL, PLACEMENT OF EROSION AND SEDIMENT CONTROLS, LANDSCAPING, DRAINAGE IMPROVEMENTS AND RECONSTRUCTION, SAW CUTTING, ETC. CONNECTION OF TELEPHONE, CABLE TELEVISION, ETC. WILL BE COMPLETED UNDER SEPARATE ENCROACHMENT PERMITS.
- DRAINAGE FACILITIES.
- ONSITE RETAINING WALL NOT STRUCTURALLY ATTACHED TO THE MAIN BUILDING REQUIRES A SEPARATE BUILDING PERMIT RECORD.

DESCRIPTION	PROPOSED	EXISTING
PUBLIC RIGHT-OF-WAY		---
PROPERTY LINE	---	---
LIMITS OF WORK OR BOUNDARY	---	---
CURB AND GUTTER	---	---
SIDEWALK	---	---
CITY SURVEY MONUMENT		●
SEPTIC TANK-LINE	---	---
SEPTIC TANK	■	■
STORM SEWER	---	---
STORM DRAIN MANHOLE	⊙	⊙
DRAINAGE INLET AT CURB	■	■
ELECTROLUER	⊙	⊙
EDGE OF PAVEMENT	---	---
PACING CONFORM OR OVERLAY TO FORM SMOOTH AC TRANSITION	---	---
BIOSWALE	---	---
EMERGENCY OVERLAND RELEASE PATH	---	---
HLFPI IN EMERGENCY OVERLAND PATH	---	---
DOWNSPOUT W/RAIN BARREL	DS●	DS●

DD DECK DRAIN NDS NO. 2 BLACK
AREA DRAIN NDS NO. 11 BLACK
DS● DOWNSPOUT DISCHARGES INTO 50 GALLON RAIN BARREL
PVC POLYVINYL CHLORIDE SDR-35 (EXCEPT IN PAVED AREA USE SDR-26)

SHEET INDEX

C-1	COVER SHEET
C-2	COUNTY DETAILS
C-3	GRADING AND DRAINAGE PLAN
C-4	DETAILS
C-5	SECTIONS
C-6	DRIVEWAY PLAN & PROFILE
C-7	EROSION CONTROL PLAN & TREE PROTECTION PLAN
BMP-1	BEST MANAGEMENT PRACTICES
BMP-2	BEST MANAGEMENT PRACTICES
PO-1	PROJECT OPERATION PLAN

ENGINEER'S NAME: GIULIANI & KULL-SAN JOSE, INC.
ADDRESS: 4880 STEVENS CREEK BLVD. SUITE 100
SAN JOSE, CALIFORNIA
PHONE NO. (408) 615-4000
FAX NO. _____

COVER SHEET

Revision	1	Date	APN	Sheet
Revision 2	2	Date	APN 336-13-016	C-1
Revision 3	3	Date	Co. File	of 10

APPLICANT: HEEL

ROAD: SUMMERHILL COURT

COUNTY FILE NO.: DEV21-2097

EXISTING IMPERVIOUS SURFACE AREA: 6,141 ± S.F.
PROPOSED IMPERVIOUS SURFACE AREA: 11,480 ± S.F.

*NOTE: DRIVEWAY, INCLUDING F.D. TURNAROUND, TO BE "ALL WEATHER" MATERIAL. PAVEMENT SECTION TO BE 3" A.C. ON 10" A.B. CL. 2. (THIS PAVEMENT IS DESIGNED TO HANDLE HS-20 LOADING I.E. A 75,000 LB FIRE ENGINE.)

NOTE: TOPOGRAPHIC SURVEY WAS PREPARED BY OTHERS & SUPPLIED TO GIULIANI & KULL-SAN JOSE, INC. BY THE OWNER.

NEED TURN AROUND TO THIS PT

FIRE DEPARTMENT TURN-AROUND AREA

APN: 336-13-015
TRACT NO. 958
VIEW ACRES

GRAPHIC SCALE
(IN FEET)
1 inch = 10 ft.

REGISTERED PROFESSIONAL ENGINEER
MARK A. HELTON
NO. C49168
EXP. 9-30-22
CIVIL
STATE OF CALIFORNIA

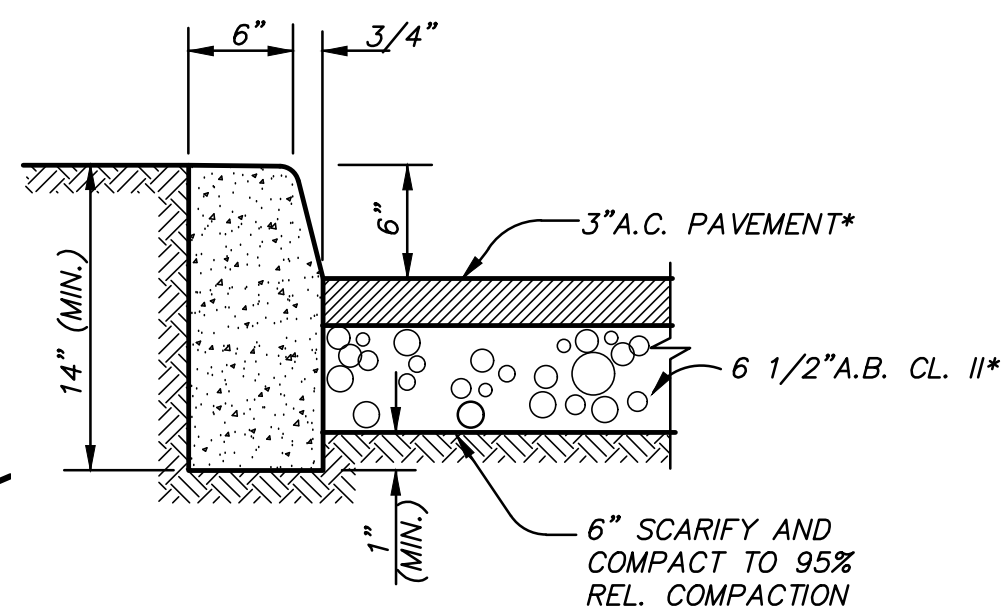
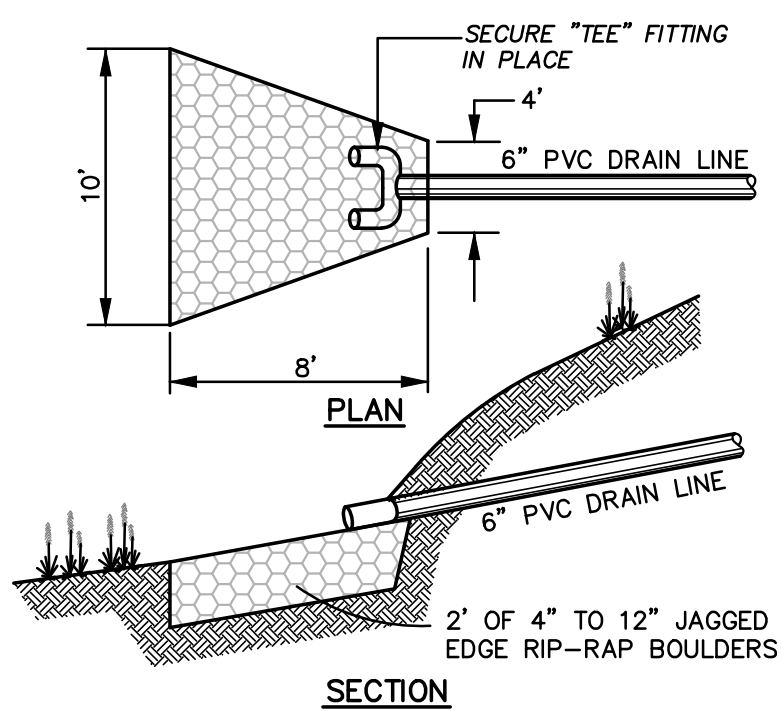
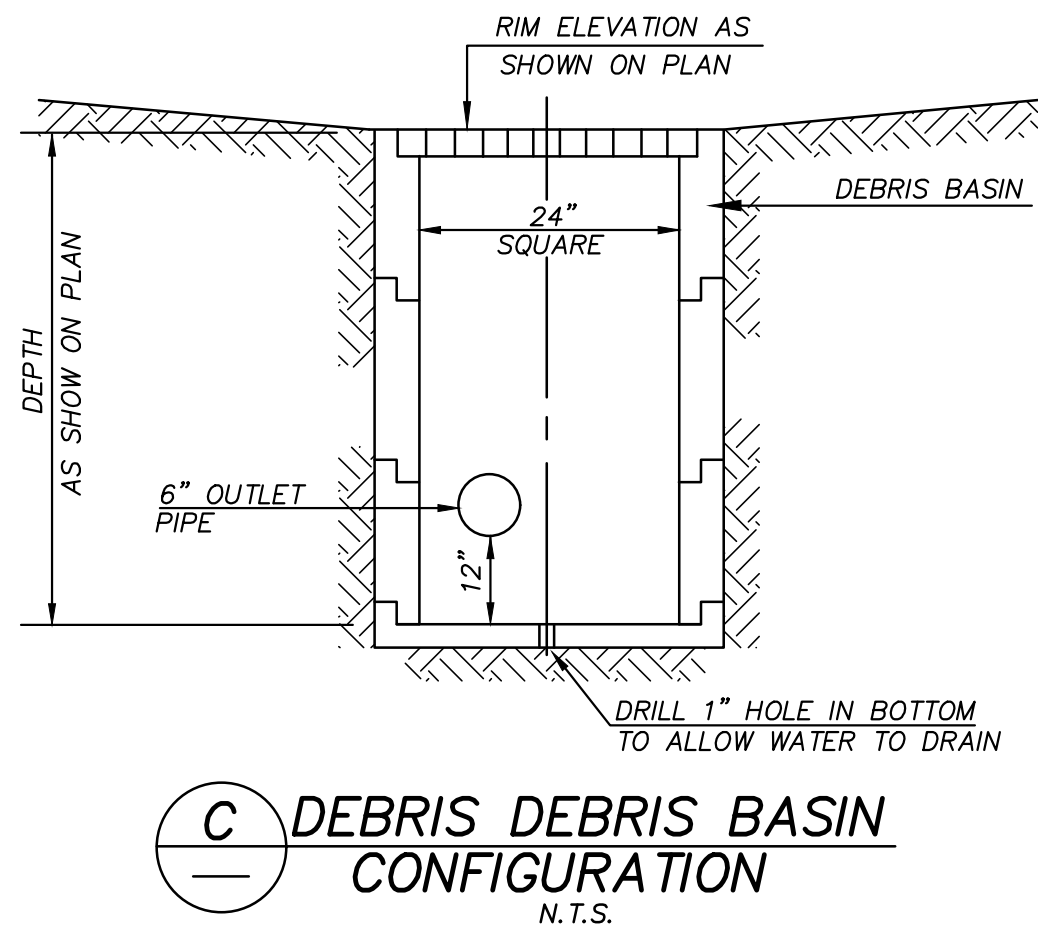
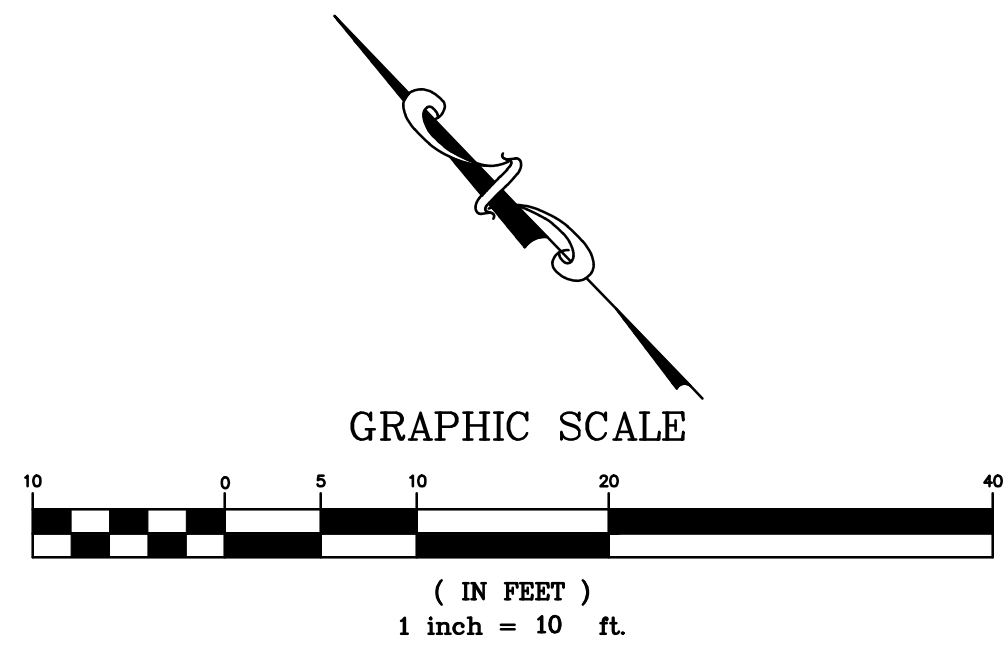
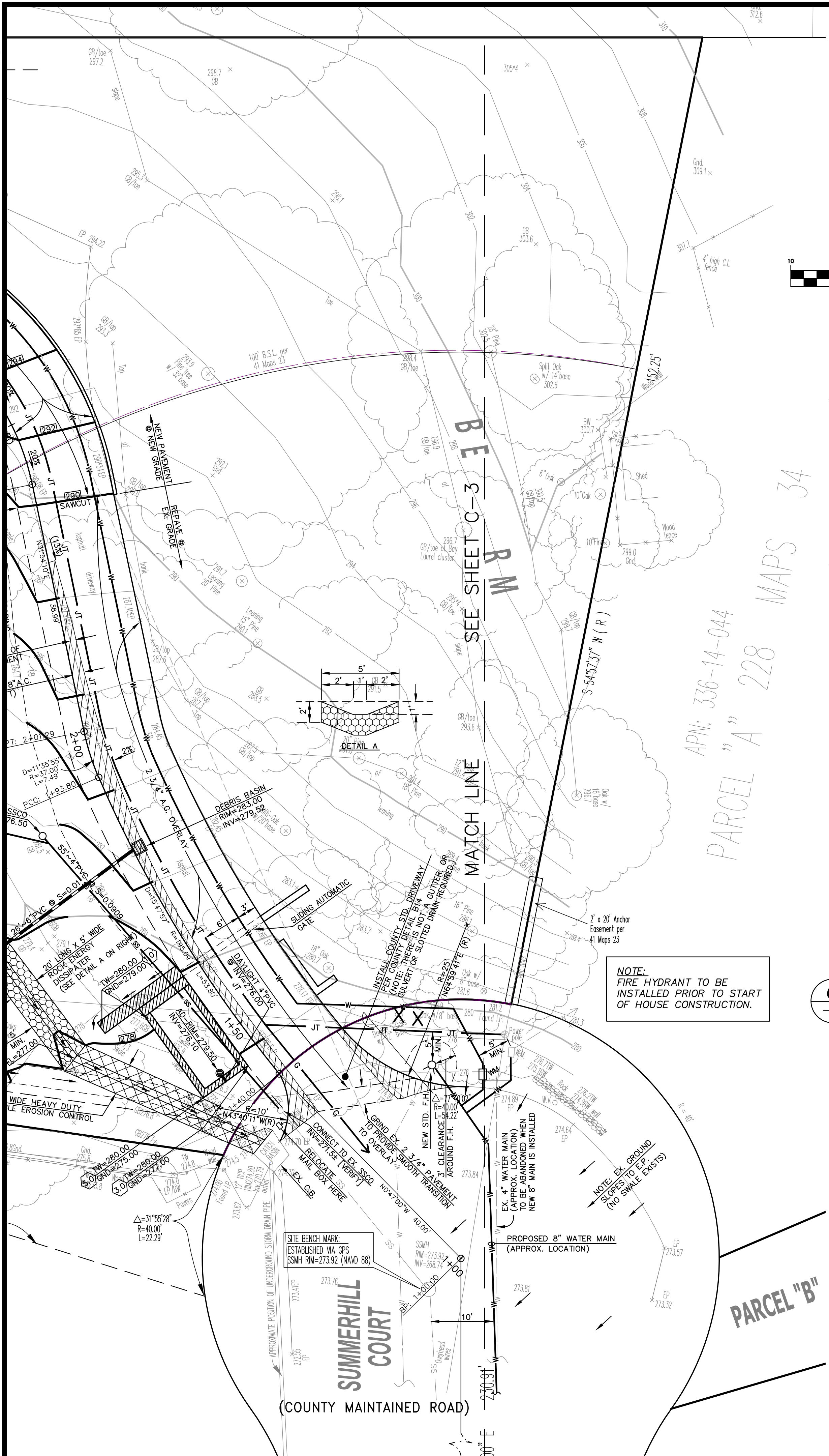
COUNTY MAINTAINED ROAD

UMMERHILL COURT

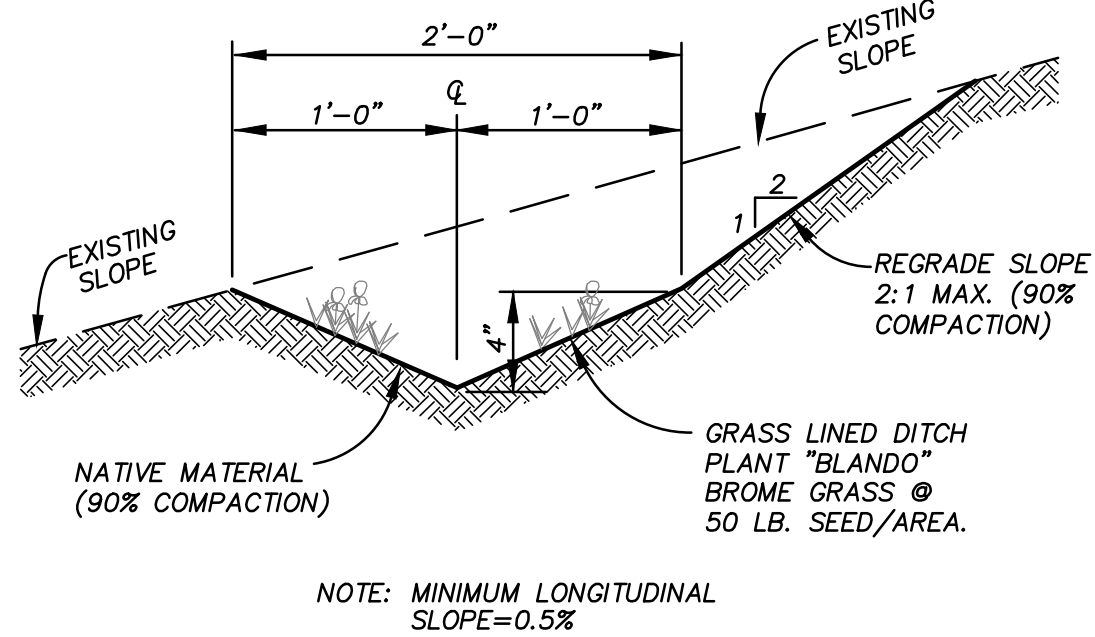
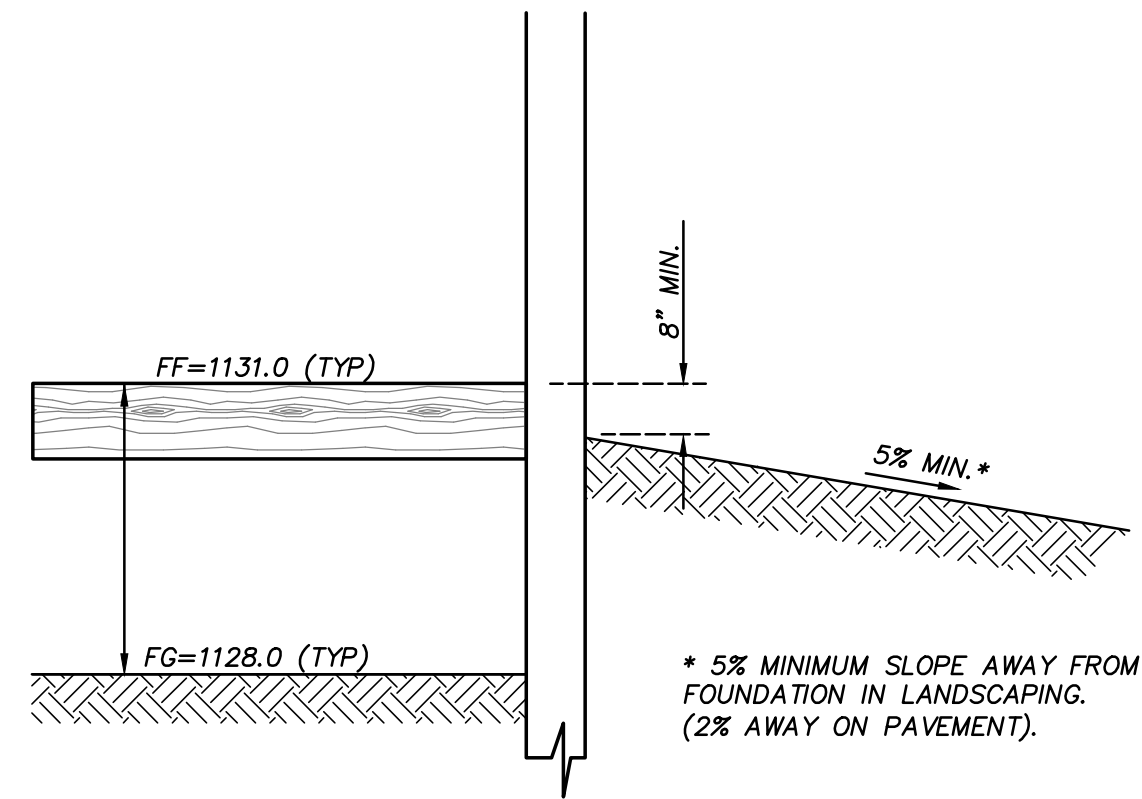
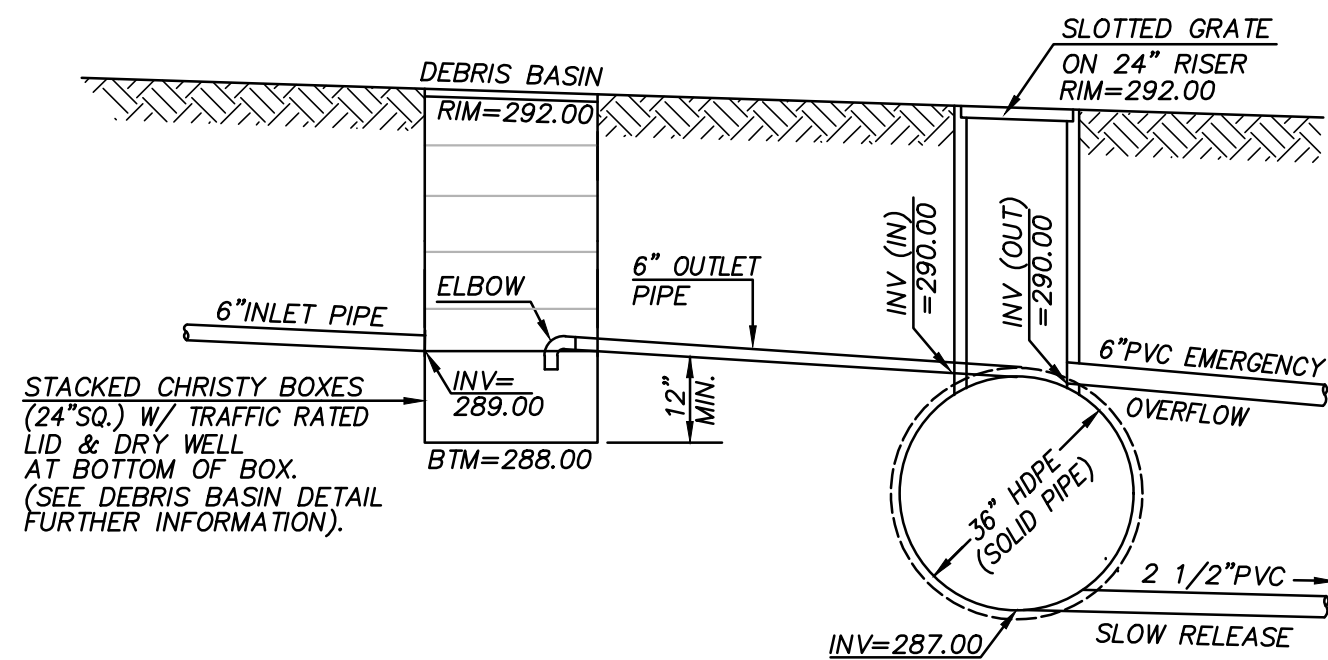
COUNTY FILE NO.: DEV21-2097

[illegible]

THESE IMPROVEMENT PLANS HAVE BEEN PREPARED WITH THE INTENT THAT THE FIRM OF GIULIANI & KULL, INC. WILL BE PERFORMING THE CONSTRUCTION STAKING FOR THE COMPLETED PROJECT. IF, HOWEVER, ANOTHER ENGINEERING AND/OR SURVEYING FIRM SHOULD BE EMPLOYED TO USED THESE PLANS FOR THE PURPOSE OF CONSTRUCTION STAKING, NOTICE IS HEREBY GIVEN THAT THE FIRM OF GIULIANI & KULL, INC. WILL NOT ASSUME ANY RESPONSIBILITY FOR ERRORS OR OMISSIONS, IF ANY, WHICH MIGHT OCCUR AND WHICH COULD HAVE BEEN AVOIDED, CORRECTED OR MITIGATED IF GIULIANI & KULL, INC. HAD PERFORMED THE STAKING WORK.

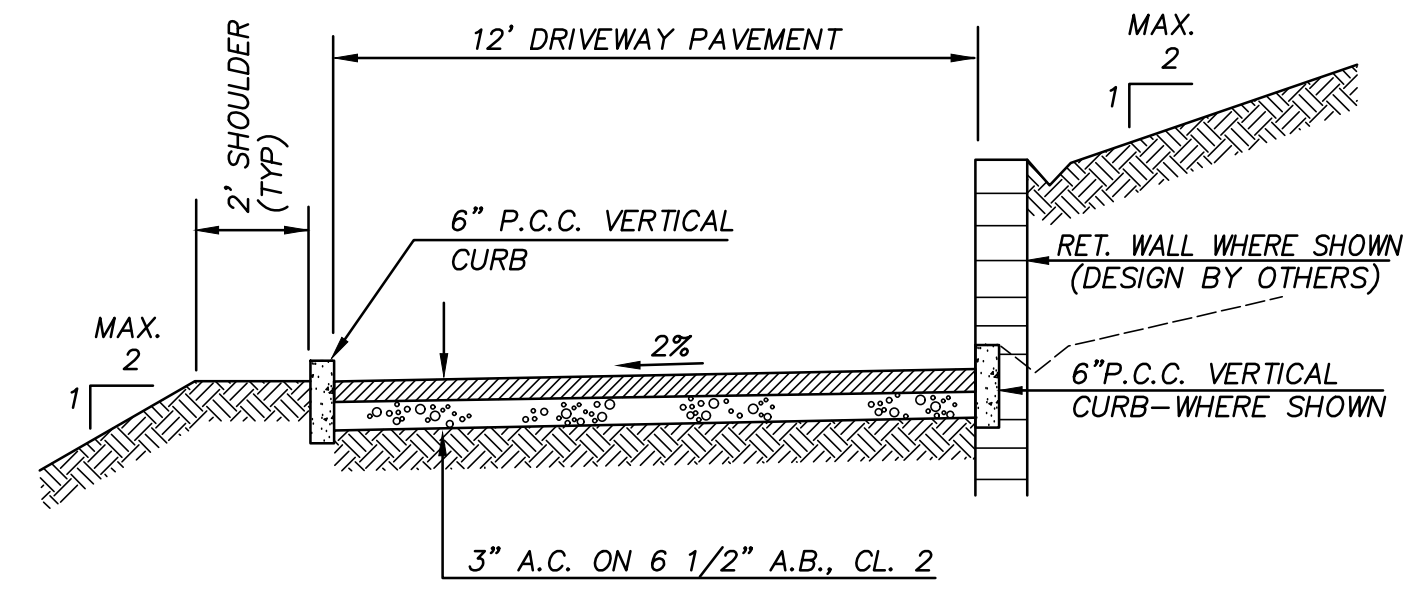
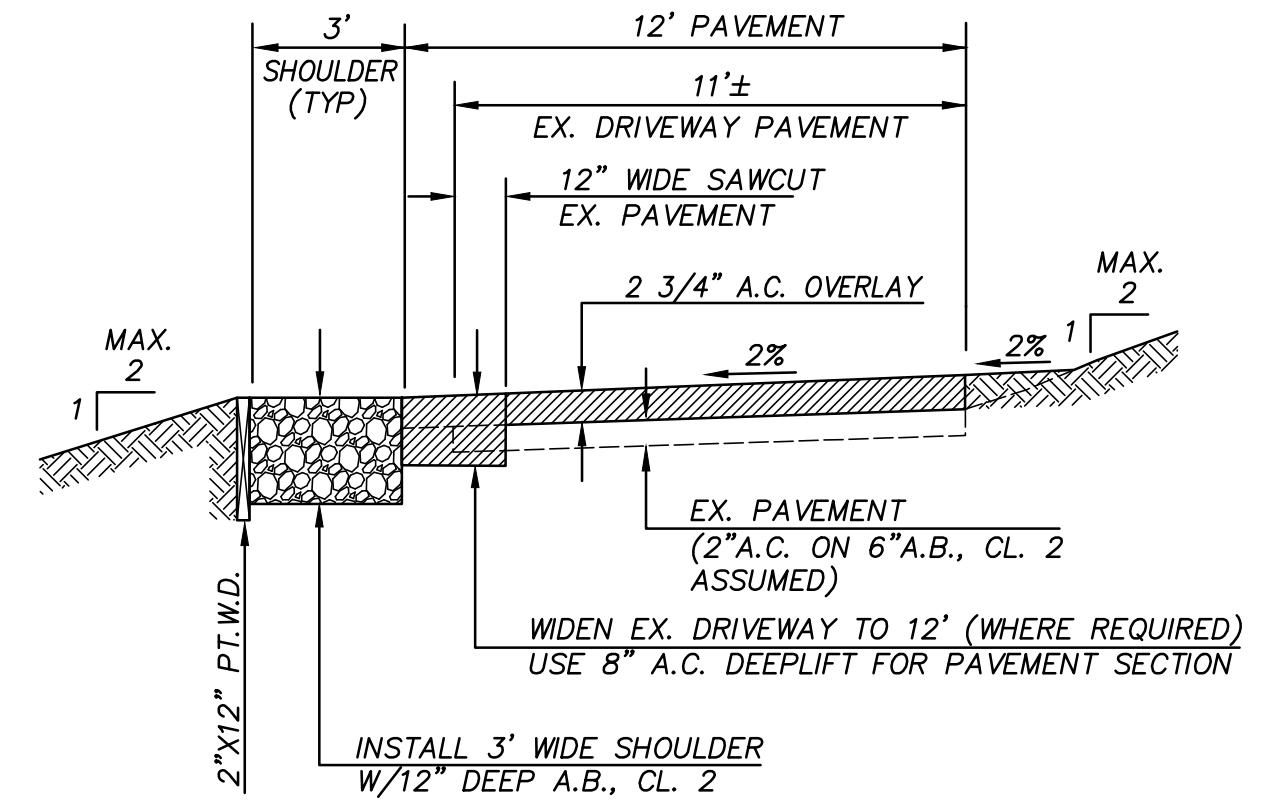
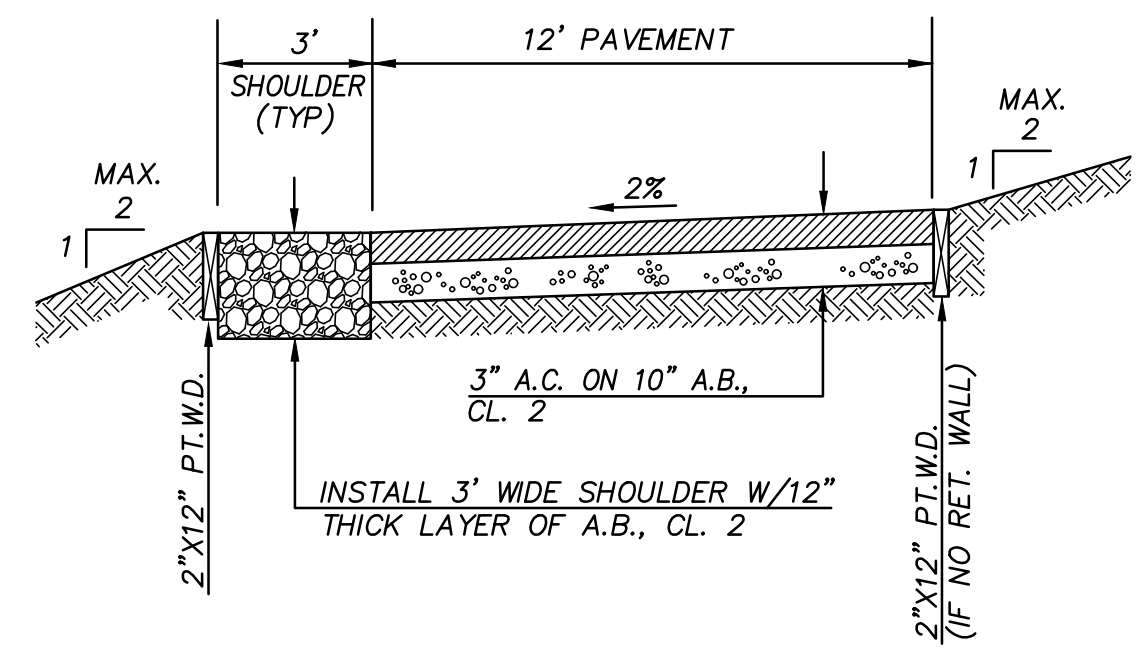


*NOTE: DRIVEWAY, INCLUDING F.D. TURNAROUND, TO BE "ALL WEATHER" MATERIAL. PAVEMENT SECTION TO BE 3" A.C. ON 10" A.B., CL. 2. (THIS PAVEMENT IS DESIGNED TO HANDLE HS-20 LOADING I.E. A 75,000 LB FIRE ENGINE.)



GENERAL RIGHT-OF-WAY CONSTRUCTION NOTES

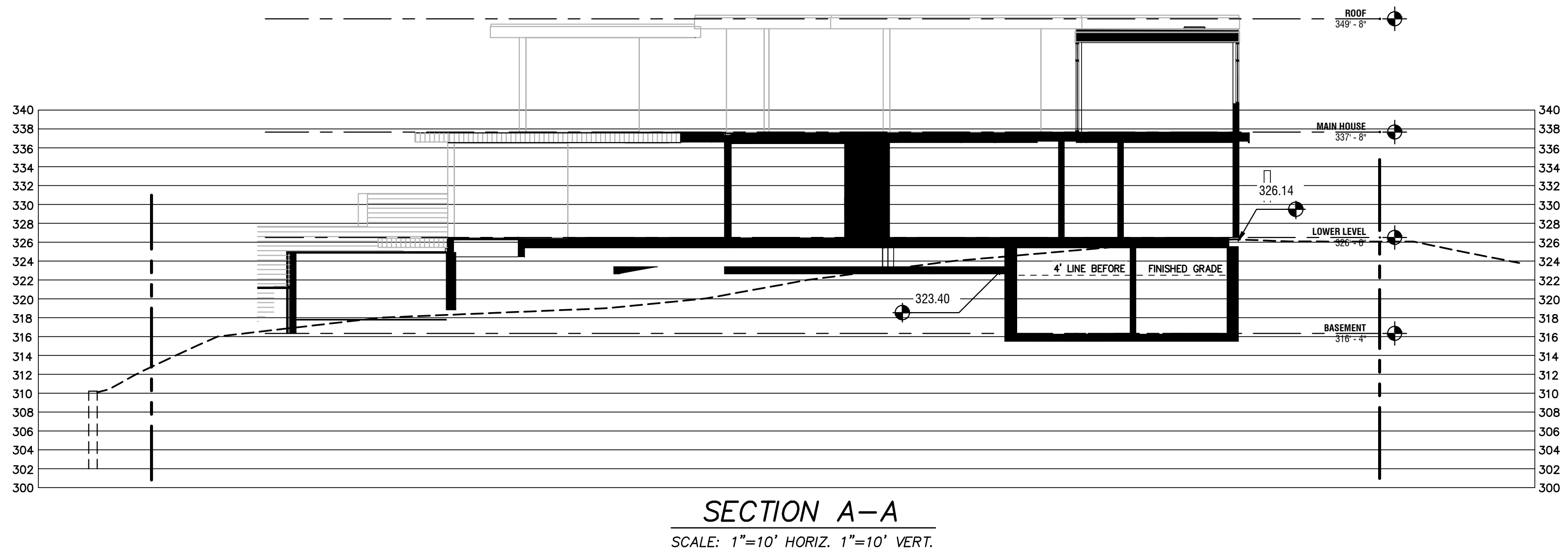
- SAWCUT AND REPAVE MINIMUM 1 FT OF SUMMERHILL COURT ALONG THE DRIVEWAY/PROPERTY FRONTAGE IMPROVEMENT LIMITS. MATCH PAVEMENT SECTION IN KIND AND TO COUNTY STANDARDS.
- SAWCUT, TRENCH, EXCAVATE, BACKFILL, COMPACT, AND REPAVE ALL PORTIONS OF SUMMERHILL COURT ROW TO COUNTY STANDARD/STRUCTURAL SECTION SHALL MATCH EXISTING IN KIND; PAVED SECTION SHALL BE REPLACED PER COUNTY STANDARD USA AND UNPAVED PORTIONS TO COUNTY STANDARD U3D.
- OFF-HAUL ALL CONSTRUCTION SOILS AND DEBRIS TO ANY APPROPRIATE DUMP FACILITY.
- INSTALL AND MAINTAIN PROPER BMPS THROUGHOUT THE DURATION OF CONSTRUCTION.
- INSTALL AND MAINTAIN TRAFFIC CONTROL IN ACCORDANCE WITH THE MUTCD AND TCP.



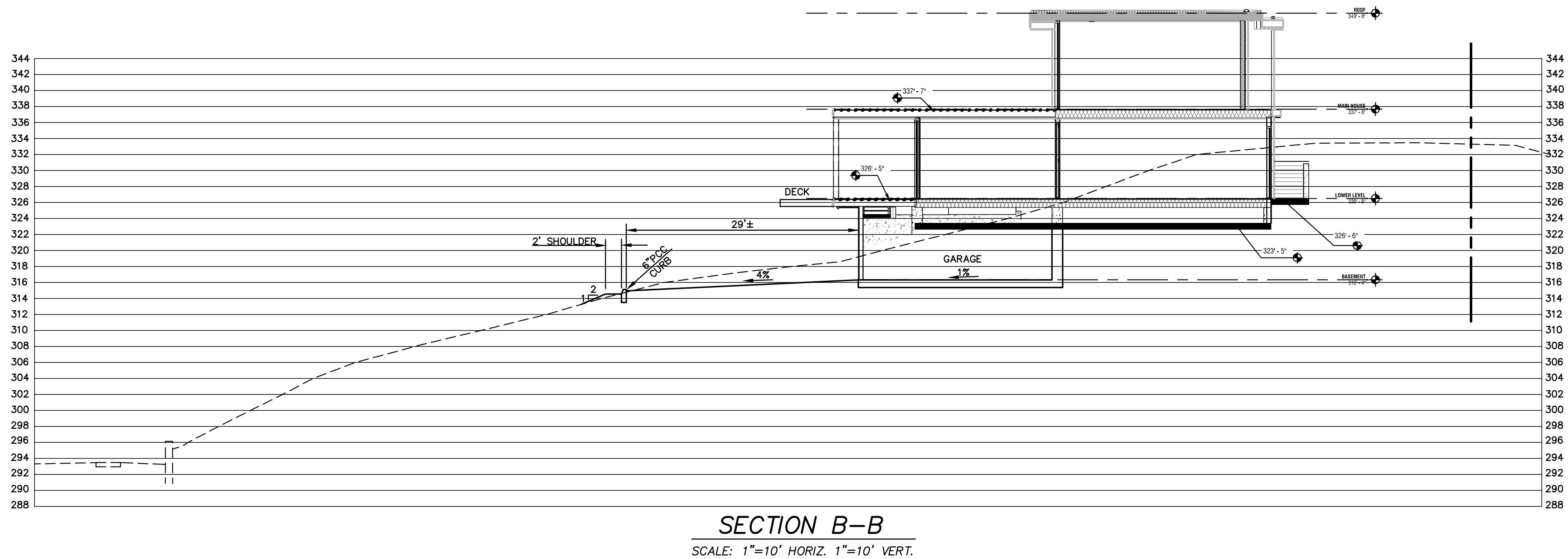
Mark A. Helton

SCALE	1"=10'
REVISIONS	
DATE	
NO.	
24591 SUMMERHILL COURT	
LOT 3-TRACT NO. 958-VIEW ACRES	
GRADING & DRAINAGE AND DETAILS	
LOS ALTOS, CALIFORNIA	
GIULIANI & KULL - San Jose, Inc.	
Engineers • Planners • Surveyors	
4880 Stevens Creek Blvd. Suite 100	
San Jose, California 95129	
(408) 615-4000	
SHEET	C-4
OF	10
DATE	4/25/22
JOB NO.	21109

THESE IMPROVEMENT PLANS HAVE BEEN PREPARED WITH THE INTENT THAT THE FIRM OF GULIANI & KULL, INC. WILL BE PERFORMING THE CONSTRUCTION STAKING FOR THE COMPLETED PROJECT. IF, HOWEVER ANOTHER ENGINEERING AND/OR SURVEYING FIRM SHOULD BE EMPLOYED TO USED THESE PLANS FOR THE PURPOSE OF CONSTRUCTION STAKING, NOTICE IS HEREBY GIVEN THAT THE FIRM OF GULIANI & KULL, INC. WILL NOT ASSUME ANY RESPONSIBILITY FOR ERRORS OR OMISSIONS, IF ANY, WHICH MIGHT OCCUR AND WHICH COULD HAVE BEEN AVOIDED, CORRECTED OR MITIGATED IF GULIANI & KULL, INC. HAD PERFORMED THE STAKING WORK.



HIGH PRIORITY SITE: MONTHLY INSPECTION OF STORMWATER QUALITY IMPROVEMENTS ARE REQUIRED PURSUANT TO THE 2015 MRP FOR STORM WATER QUALITY ISSUED BY THE SAN FRANCISCO BAY REGIONAL WATER QUALITY CONTROL BOARD



Mark A. Helton



Sigma Prime Geosciences, Inc.
Effective Solutions

GEOTECHNICAL STUDY

**HEEL PROPERTY
24591 SUMMERHILL COURT
LOS ALTOS, CALIFORNIA**

PREPARED FOR:
JOACHIM HEEL
470 BORDER HILL ROAD
LOS ALTOS, CA 94027

PREPARED BY:
SIGMA PRIME GEOSCIENCES, INC.
332 PRINCETON AVENUE
HALF MOON BAY, CALIFORNIA 94019

APRIL 27, 2021

3.3 EARTHWORK

3.3.1 Clearing & Subgrade Preparation

All deleterious materials, including topsoil, roots, vegetation, etc., should be cleared from the building area. The actual stripping depth required will depend on site usage prior to construction, and should be established by the Contractor during construction.

3.3.2 Compaction

Scarified surface soils should be moisture conditioned to 3-5 percent above the optimum moisture content and compacted to at least 95 percent of the maximum dry density, as determined by ASTM D1157-78. All trench backfill should also be moisture conditioned to 3-5 percent above the optimum moisture content and compacted to at least 95 percent of the maximum dry density.

3.3.3 Surface Drainage

Impervious ground should slope away from the addition at 5 percent within 10 feet of the house. Pervious ground should slope away from the addition at 2 percent within 10 feet of the house. Ponding of water should not be allowed adjacent to the house.

3.4 FOUNDATIONS

We recommend that the foundation be designed as conventional continuous spread footings. Footings should have a minimum width of 12 inches, and extend at least 18 inches into the lowest adjacent grade, or 6 inches in to bedrock, whichever is deeper.

Footings should be designed for allowable bearing pressures of 3,500 pounds per square foot for dead plus live loads, with a one-third increase allowed for total loads including wind or seismic forces.

All footings located adjacent to utility lines or other footings should bear below a 1:1 plane extended upward from the bottom edge of the utility trench or footing. All continuous footings should be reinforced with top and bottom steel to provide structural continuity and to permit spanning of local irregularities. Our representative should observe the footing excavations prior to placing reinforcing steel to see that they are founded in suitable materials and have been properly cleaned.

3.4.1 Lateral Loads

A passive pressure equivalent to that provided by a fluid weighing 300 pcf and a friction factor of 0.3 may be used to resist lateral forces and sliding against spread footing foundations. These values include a safety factor of 1.5 and may be used in combination without reduction. Passive pressures should be disregarded for the uppermost 12 inches of foundation depth, measured below the lowest adjacent finished grade, unless confined by concrete slabs or pavements. However, the pressure distribution may be computed from the ground surface.

3.4.2 Slabs-on-Grade

We recommend that slabs-on-grade be underlain by at least 4-inches of non-expansive granular fill. Where floor wetness would be detrimental, a vapor barrier, such as Stego wrap or equivalent may be used.

3.5 RETAINING WALLS

Retaining walls should be designed to resist lateral earth pressure from the adjoining natural soils and/or backfill. We recommend that walls that are restrained from lateral movement be designed to resist an at-rest equivalent fluid pressure of 45 pounds per cubic foot (pcf). Retaining walls that are not restrained from lateral movement should be designed to resist an active equivalent fluid pressure of 35 pcf.

The building code calls for a geotechnical investigation that shall include "a determination of lateral pressures on basement and retaining walls due to earthquake motions." Some methods still being used, such as the Mononobe-Okabe or the Seed and Whitman methods, include either an inverted triangular distribution or a constant lateral pressure. However, recent research indicates that there is no need to include a seismic surcharge pressure if (a) the walls are designed for the at-rest condition, and (b) the conventional factors of safety are applied to the wall design. Furthermore, extensive observations by international teams of seismic experts following recent large earthquakes have not resulted in any documented failures of retaining walls that could be attributed to seismic surcharge pressures.

Based on our current understanding of the state-of-the-practice regarding seismic surcharge pressures, we recommend that (a) no seismic surcharge pressure be used if the walls are designed for the higher at-rest earth pressures, and (b) a uniform (rectangular) seismic surcharge pressure of 10 H psf (where H is the "free" wall height in feet above the finished grade in front of the wall) be used if the walls are designed for the lower active earth pressures.

3.6 CONSTRUCTION OBSERVATION AND TESTING

The earthwork and foundation phases of construction should be observed and tested by us to 1) Establish that subsurface conditions are compatible with those used in the analysis and design; 2) Observe compliance with the design concepts, specifications and recommendations; and 3) Allow design changes in the event that subsurface conditions differ from those anticipated. The recommendations in this report are based on a limited number of borings. The nature and extent of variation across the site may not become evident until construction. If variations are then exposed, it will be necessary to reevaluate our recommendations.

	JOB NO. 21109	DATE 4/25/22	OF 10	SHEET C-5	SECTIONS	24591 SUMMERHILL COURT LOT 3-TRACT NO. 958-VIEW ACRES LOS ALTOS, CALIFORNIA	Giuliani & Kull - San Jose, Inc. Engineers • Planners • Surveyors 4880 Stevens Creek Blvd., Suite 100 San Jose, California 95129 (408) 615-4000	NO.	DATE	REVISIONS	SCALE 1" = 10'
								✓			DRAWN BY E.T.
								✓			DESIGNED BY M.H.
								✓			CHECKED BY M.H.

NOTE: DRIVEWAY, INCLUDING F.D. TURNAROUND, TO BE "ALL WEATHER" MATERIAL. PAVEMENT SECTION TO BE 3" A.C. ON 10" A.B., CL. 2. (THIS PAVEMENT IS DESIGNED TO HANDLE HS-20 LOADING I.E. A 75,000 LB FIRE ENGINE.)

GRAPHIC SCALE
(IN FEET)
1 inch = 10 ft.

REGISTERED PROFESSIONAL ENGINEER
MARK A. HELTON
NO. C49168
EXP. 9-30-22
CIVIL
STATE OF CALIFORNIA

Mark A. Helton

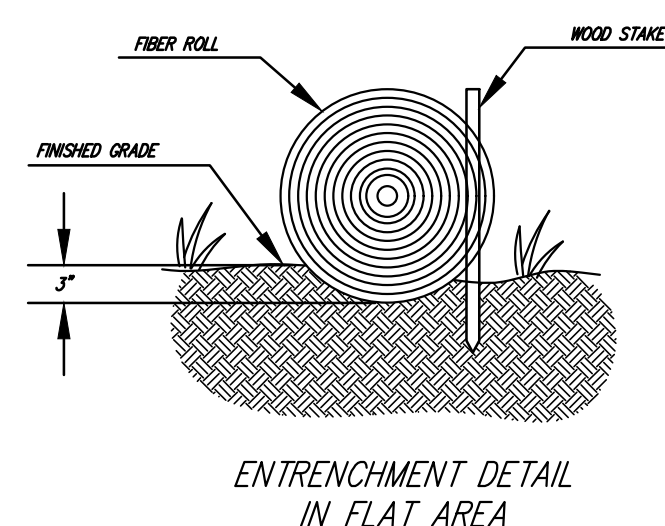
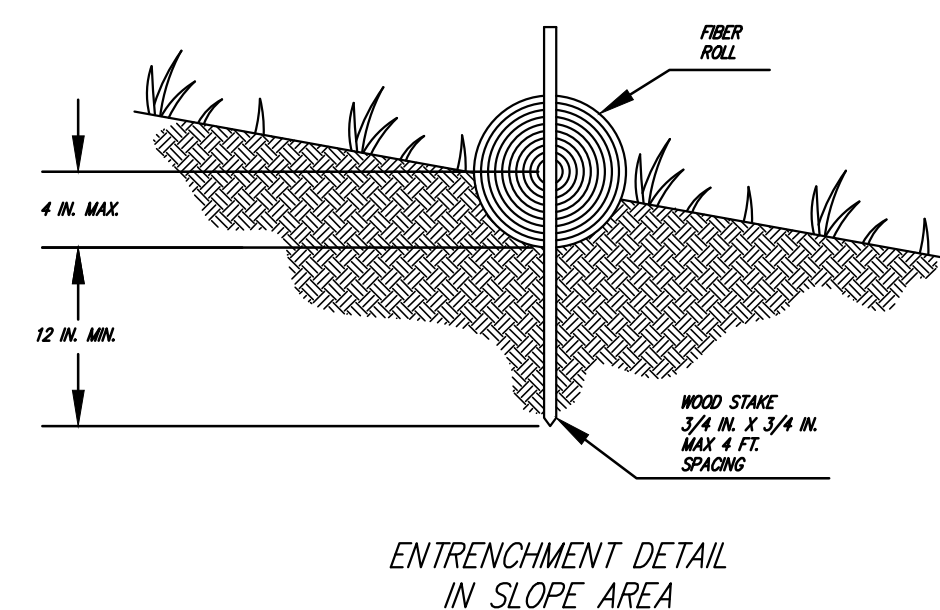
EXISTING GROUND PROFILE AT LEFT SIDE
PROPOSED PAVEMENT PROFILE AT LEFT SIDE OF DRIVEWAY

EXISTING PAVEMENT TO BE REMOVED & OVERLAID W/ 2 3/4" A.C.
EXISTING PAVEMENT TO BE SAVED & OVERLAID W/ 2 3/4" A.C.

STA. 1+75 MATCH LINE (SEE BELOW)
STA. 1+75 MATCH LINE (SEE ABOVE)

	DATE	4/25/22	SHEET C-6	DRIVEWAY PLAN AND PROFILE	24591 SUMMERHILL COURT LOT 3-TRACT NO. 958-VIEW ACRES LOS ALTOS, CALIFORNIA	Giuliani & Kull - San Jose, Inc. Engineers • Planners • Surveyors 4880 Stevens Creek Blvd., Suite 100 San Jose, California 95129 (408) 615-4000	NO.	DATE	REVISIONS	SCALE 1"=10'
							X			DRAWN BY E.T.
							X			DESIGNED BY M.H.
							X			CHECKED BY M.H.

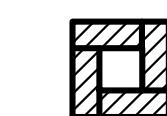
THESE IMPROVEMENT PLANS HAVE BEEN PREPARED WITH THE INTENT THAT THE FIRM OF GULIANI & KULL, INC. WILL BE PERFORMING THE CONSTRUCTION STAKING FOR THE COMPLETED PROJECT. IF, HOWEVER ANOTHER ENGINEERING AND OR SURVEYING FIRM SHOULD BE EMPLOYED TO USED THESE PLANS FOR THE PURPOSE OF CONSTRUCTION STAKING, NOTICE IS HEREBY GIVEN THAT THE FIRM OF GULIANI & KULL, INC. WILL NOT ASSUME ANY RESPONSIBILITY FOR ERRORS OR OMISSIONS, IF ANY, WHICH MIGHT OCCUR AND WHICH COULD HAVE BEEN AVOIDED, CORRECTED OR MITIGATED IF GULIANI & KULL, INC. HAD PERFORMED THE STAKING WORK.



FIBER ROLL
N.T.S.

LIMIT OF DISTURBED AREA =
(AREA = $0.80 \pm AC$)

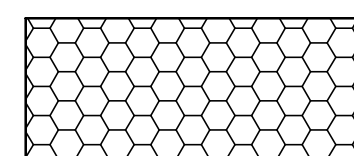
EROSION CONTROL LEGEND



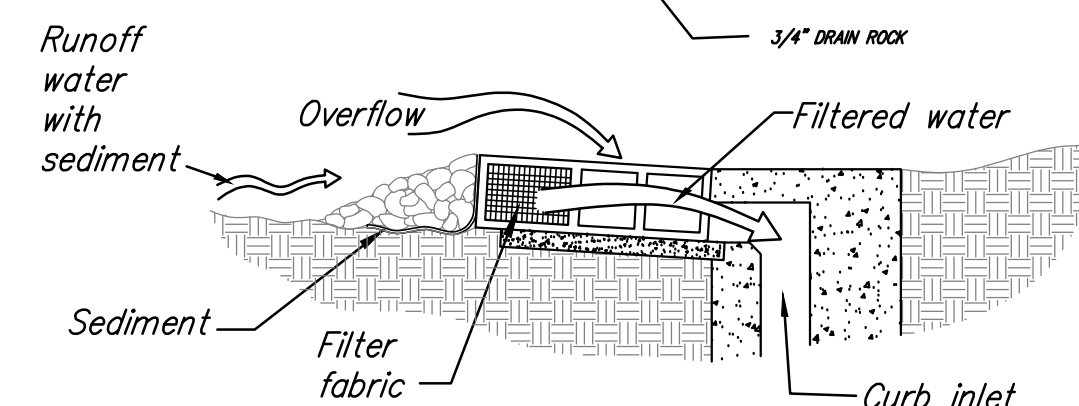
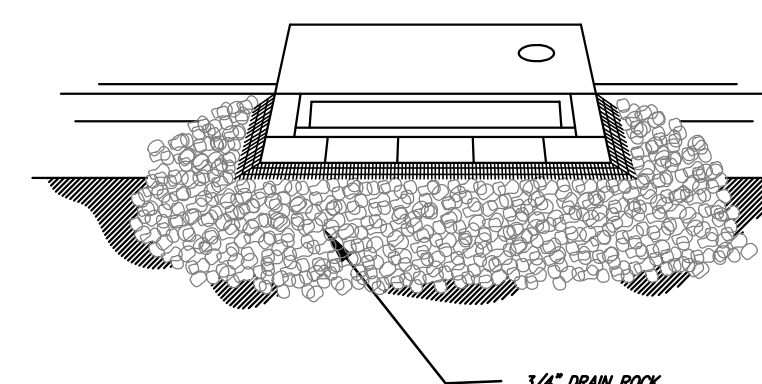
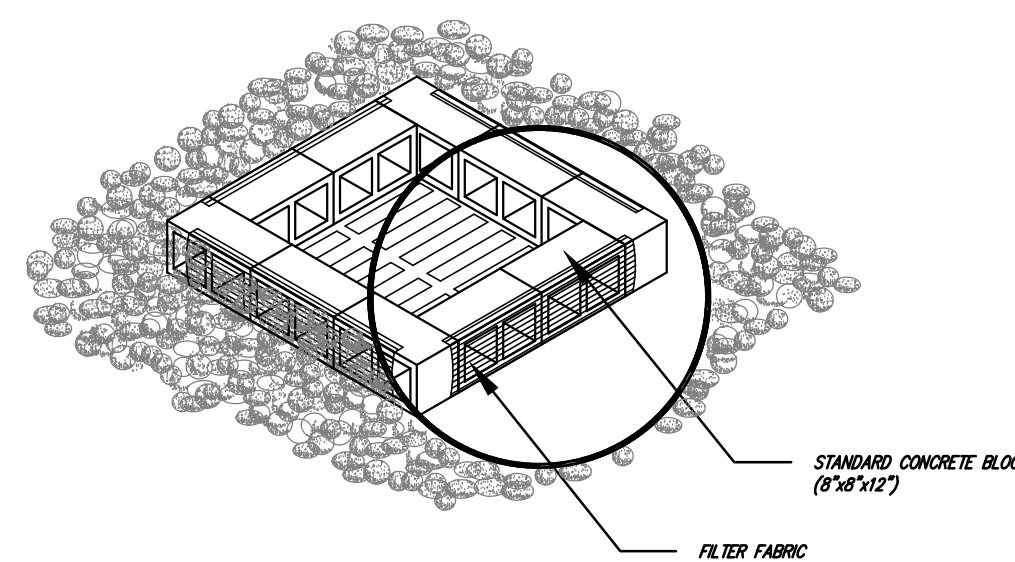
AREA DRAIN W/ EROSION PROTECTION



INSTALL FIBER ROLL ALONG DOWNSTREAM
LIMITS OF GRADING

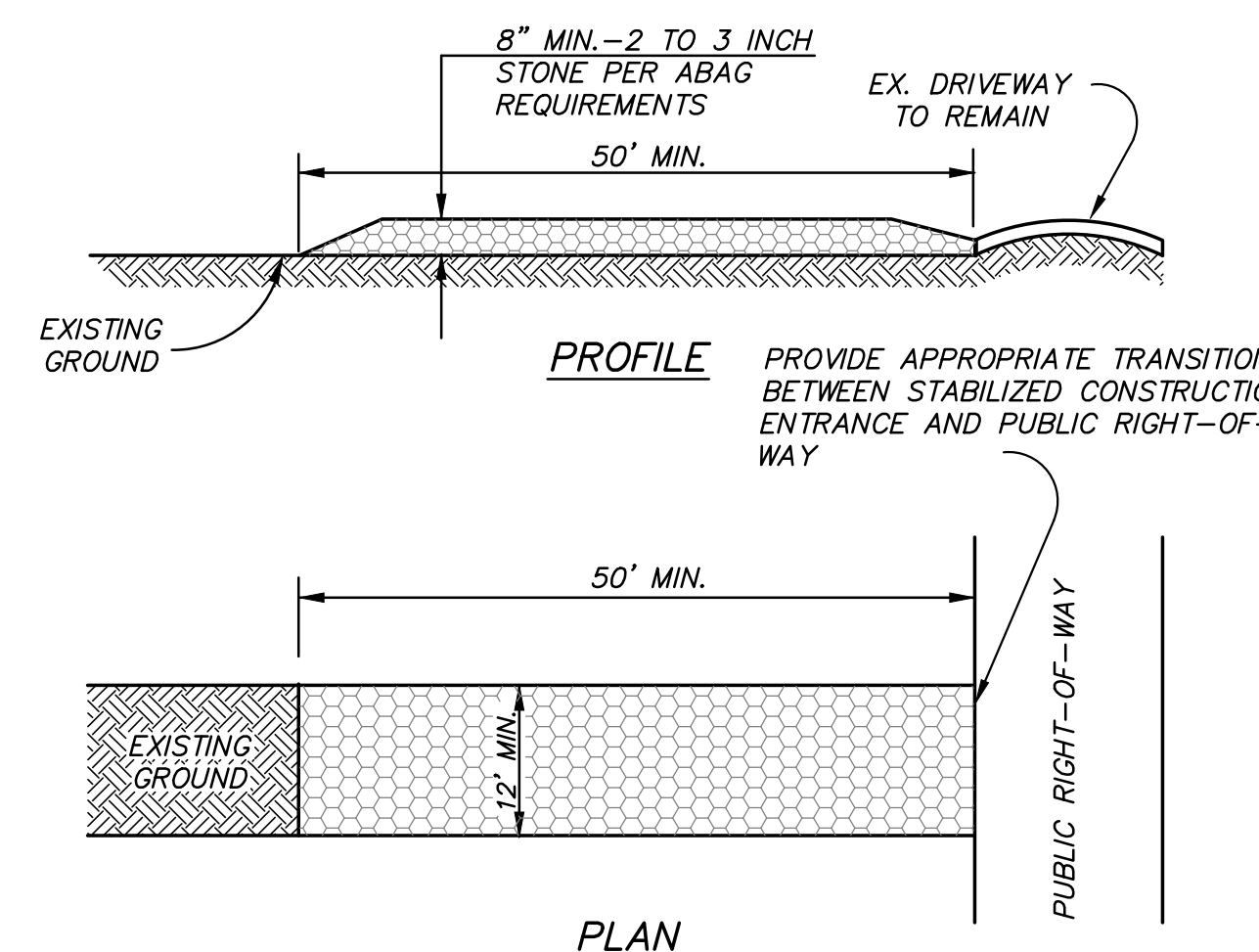


STABILIZED CONSTRUCTION
ENTRANCE



INLET PROTECTION

N.T.S



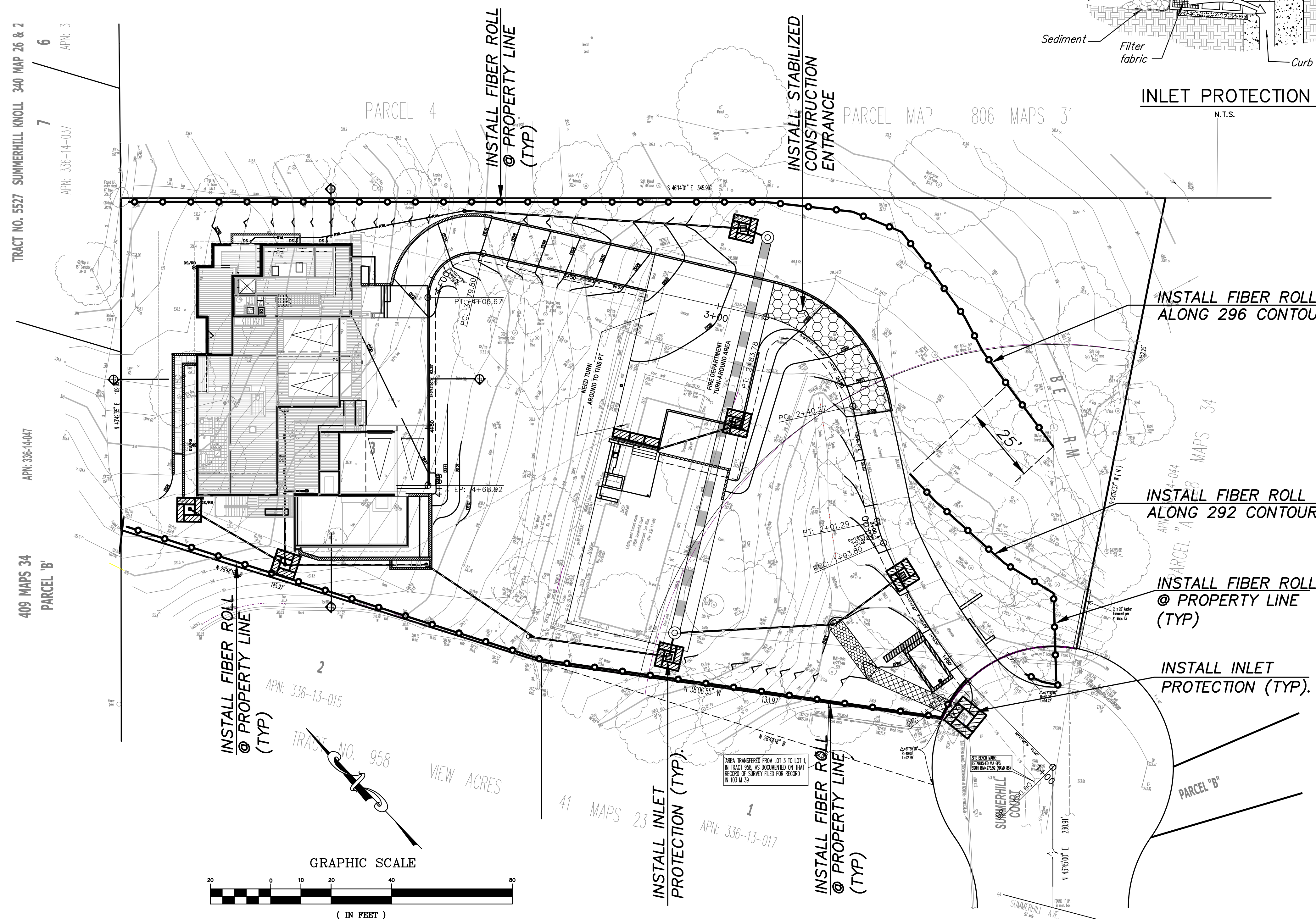
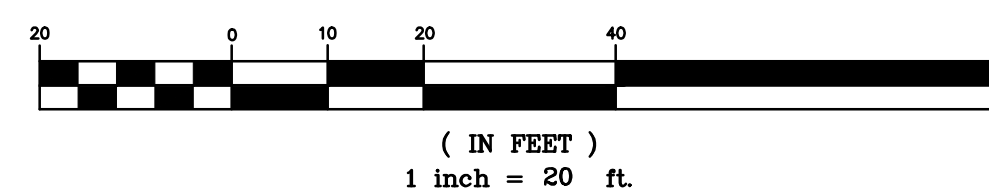
STABILIZED CONSTRUCTION
ENTRANCE

N.T.S.

MAINTAIN ENTRANCE PER ABAG REQUIREMENTS, ADDING STONE AS NECESSARY. IN MUDDY CONDITIONS IT MAY BE NECESSARY TO WASH WHEELS BEFORE EXISTING SITE. THIS SHALL BE DONE ON A SEPARATE STABILIZED AREA WHICH DRAINS TO AN APPROVED SEDIMENT TRAP OR BASIN. CLEAN TRACKED MUD FROM PUBLIC RIGHT OF WAY IMMEDIATELY.



Mark A. Helton



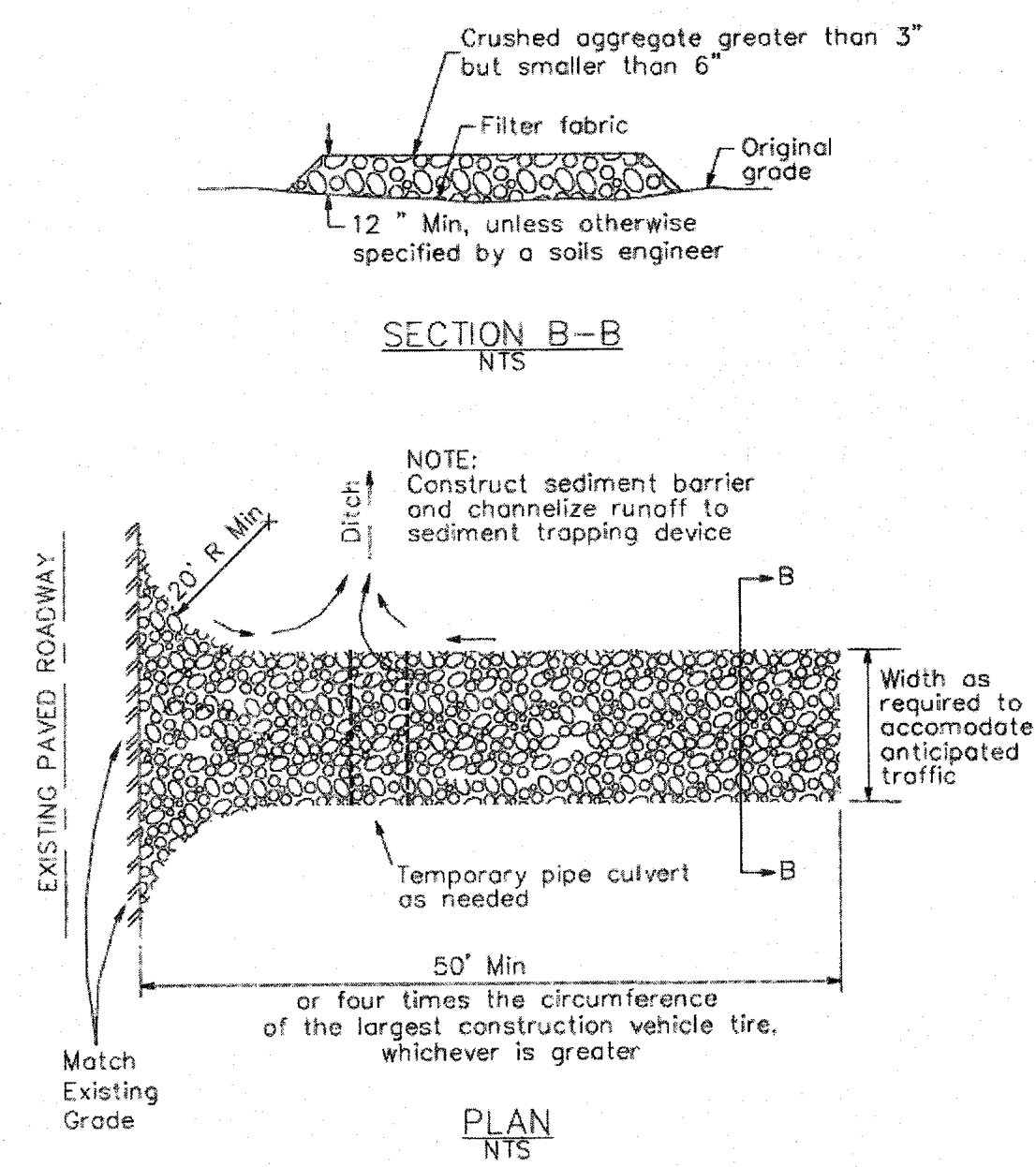
EROSION CONTROL NOTES

1. EROSION CONTROL MEASURES SHALL CONFORM WITH THE CALIFORNIA STORM WATER QUALITY ASSOCIATION BEST MANAGEMENT PRACTICES HANDBOOK, REGIONAL WATER QUALITY CONTROL BOARD EROSION AND SEDIMENT CONTROL FIELD MANUAL AND THE COUNTY OF SANTA CLARA REQUIREMENTS INCLUDING:
 - a. STABILIZE ALL DENUDDED AREAS AND MAINTAIN EROSION CONTROL MEASURES CONTINUOUSLY BETWEEN OCTOBER 15TH AND APRIL 15TH. STABILIZATION SHALL INCLUDE THE PLACEMENT OF JUTE MESH FABRIC ON EXPOSED SLOPES IN INSTALLED CONFORMANCE WITH DETAIL EC-7 OF THE CALIFORNIA STORM WATER QUALITY ASSOCIATION BEST MANAGEMENT PRACTICES HANDBOOK.
 - b. REMOVE SPOILS PROMPTLY AND AVOID STOCKPILING OF FILL MATERIALS WHEN RAIN IS FORECAST. IF RAIN THREATENS, STOCKPILES SOILS AND OTHER MATERIALS SHALL BE COVERED WITH A TARP OF OTHER WATERPROOF MATERIAL.
 - c. STORE, HANDLE, AND DISPOSE OF CONSTRUCTION MATERIALS AND WASTES IN A MANNER WHICH AVOIDS THEIR ENTRY INTO LOCAL STORM DRAIN SYSTEMS OR WATER BODIES.
 - d. AVOID CLEANING, FUELING, OR MAINTAINING VEHICLES ON-SITE.
 - e. IMPLEMENT THE APPROVED STORMWATER MANAGEMENT PLAN PRIOR TO THE ISSUANCE OF A BUILDING PERMIT.
2. ALL MATERIALS FOR THE APPROVED EROSION CONTROL MEASURES SHALL BE IN PLACE BY OCTOBER 15TH.
3. EROSION CONTROL SYSTEMS SHALL BE INSTALLED AND MAINTAINED THROUGHOUT THE RAINY SEASON, OR FROM OCTOBER 15TH THROUGH APRIL 15TH, WHICHEVER IS LONGER.
4. IN THE EVENT OF RAIN, ALL GRADING WORK IS TO CEASE IMMEDIATELY AND THE SITE IS TO BE SEALED IN ACCORDANCE WITH THE APPROVED EROSION CONTROL MEASURES.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CHECKING AND REPAIRING EROSION CONTROL SYSTEMS AFTER EACH STORM..
6. ANY AREAS OF DISTURBED SOIL SHALL BE SEEDED OR REPLANTED TO THE SATISFACTION OF THE COUNTY INSPECTOR PRIOR TO OCTOBER 15TH, OR FINAL INSPECTION, WHICHEVER IS SOONER.
7. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED AS DETERMINED BY THE COUNTY ENGINEERING DEPARTMENT OR BUILDING OFFICIALS.
8. PROJECT SHALL PREVENT THE DEPOSIT OF DIRT, MUD, SAND, ROCKS, GRAVEL OR DEBRIS ON THE SURFACE OF ANY STREET, ALLEY OR PUBLIC PLACE OR IN ANY PUBLIC STORM DRAIN SYSTEM. ANY ACCUMULATED MATERIALS SHALL BE REMOVED IMMEDIATELY BY MEANS OF DRY SHOVELING AND/OR SWEEPING.
9. TREE PROTECTION SHALL BE IN PLACE PRIOR TO THE ISSUANCE OF THE GRADING PERMIT.

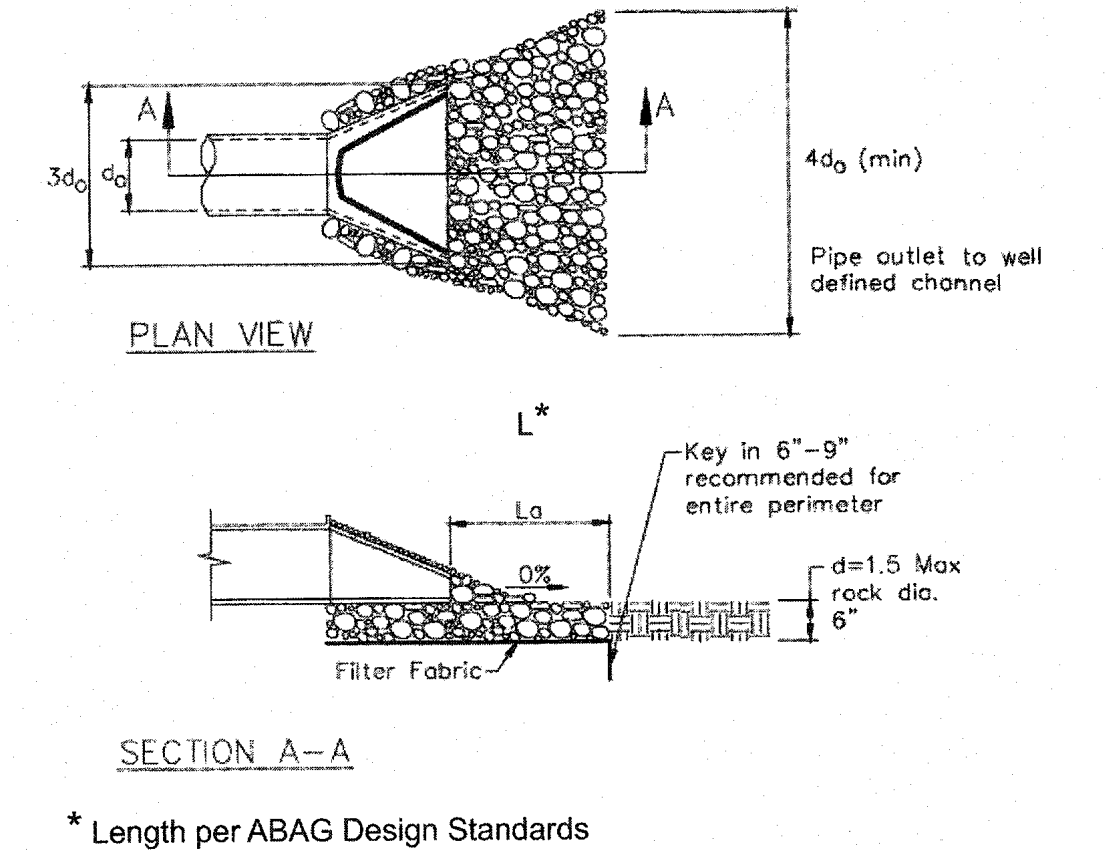
OF 10		DATE 4/25/22		JOB NO. 21109	
SHEET C-7		EROSION CONTROL PLAN		24591 SUMMERHILL COURT LOT 3-TRACT NO. 958-VIEW ACRES	
LOS ALTOS, CALIFORNIA		Giuliani & Kull - San Jose, Inc. Engineers • Planners • Surveyors 4880 Stevens Creek Blvd. Suite 100 San Jose, California 95129 (408) 615-4000		NO. DATE REVISIONS SCALE 1"= 20' DRAWN BY E.T. DESIGNED BY M.H. CHECKED BY M.H.	

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3 Stabilized Construction Entrance/Exit
CASQA Detail TC-1

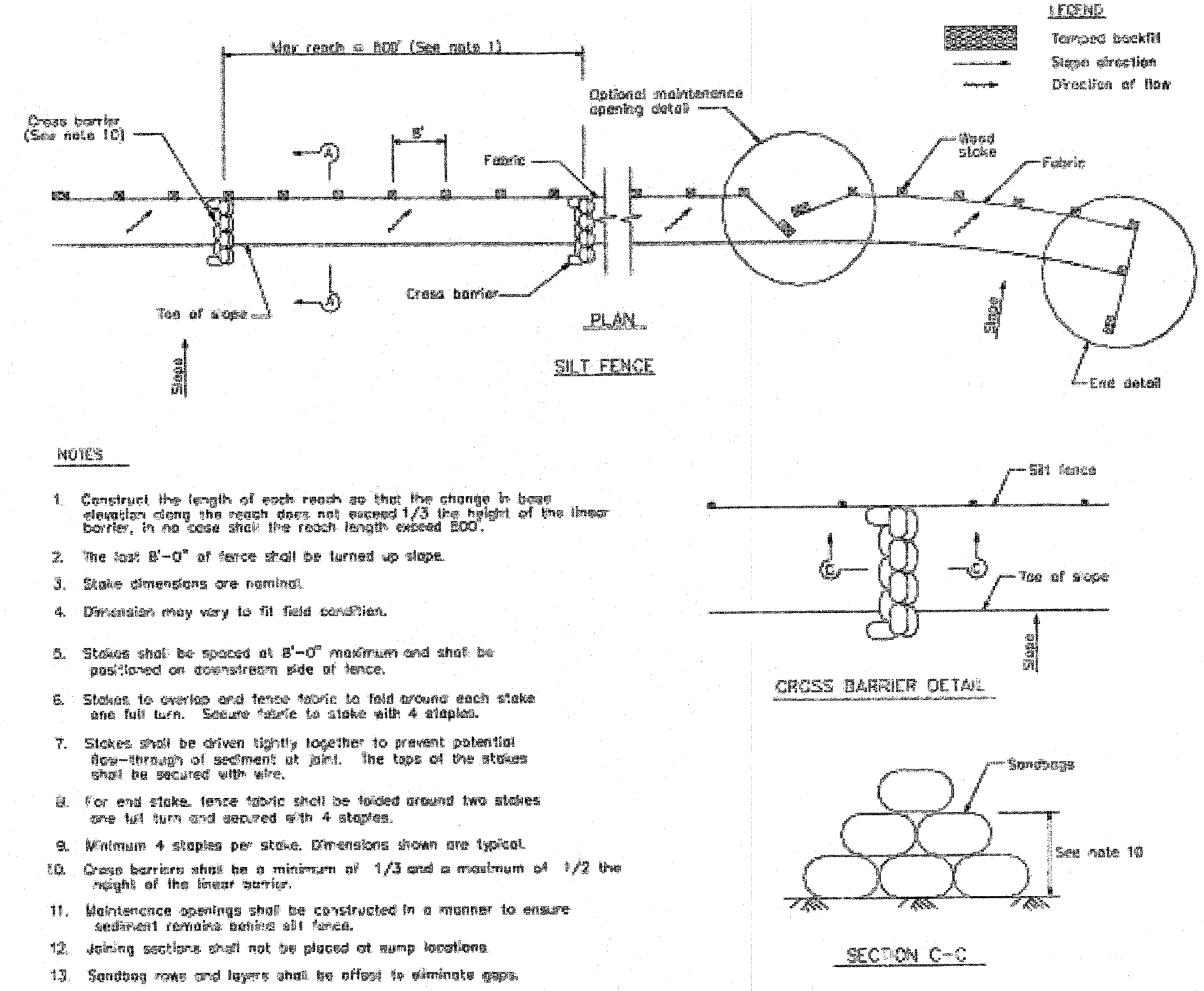


4 Velocity Dissipation Devices
CASQA Detail EC-10

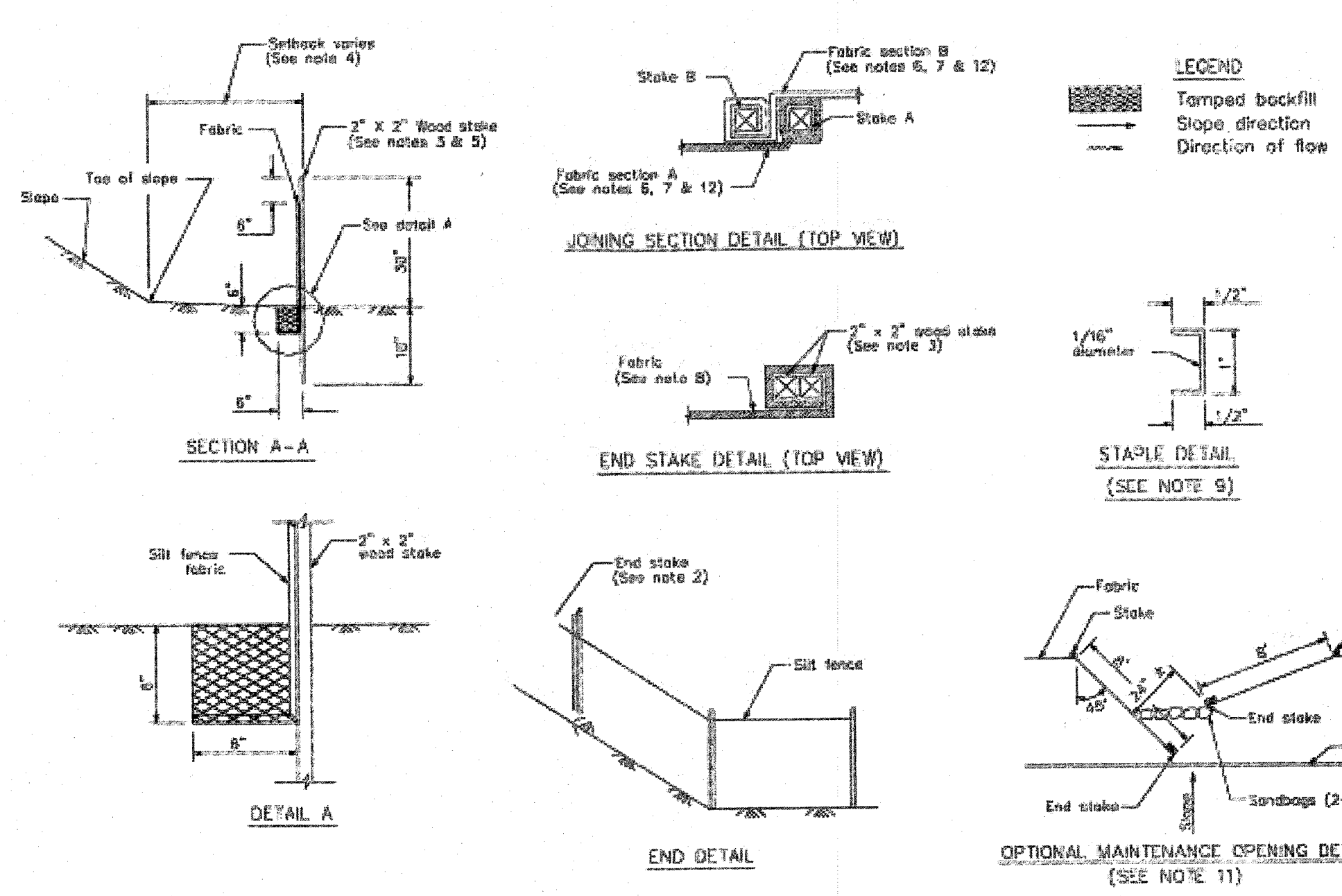


Source for Graphics: California Stormwater BMP Handbook, California Stormwater Quality Association, January 2003.
Available from www.cabmphandbooks.com.

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 be stored 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 rolls 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 (tarp, 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.

Project Information

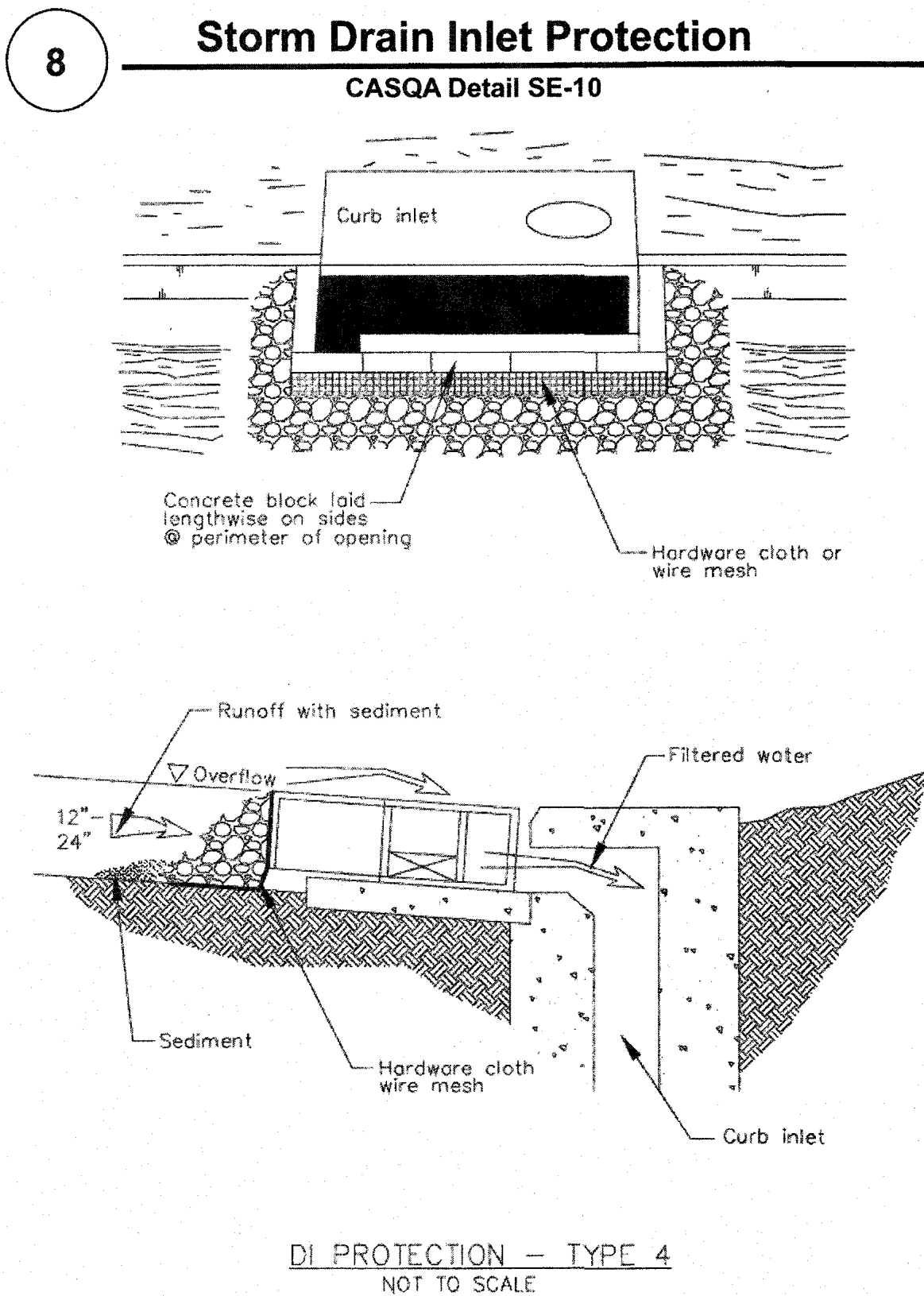
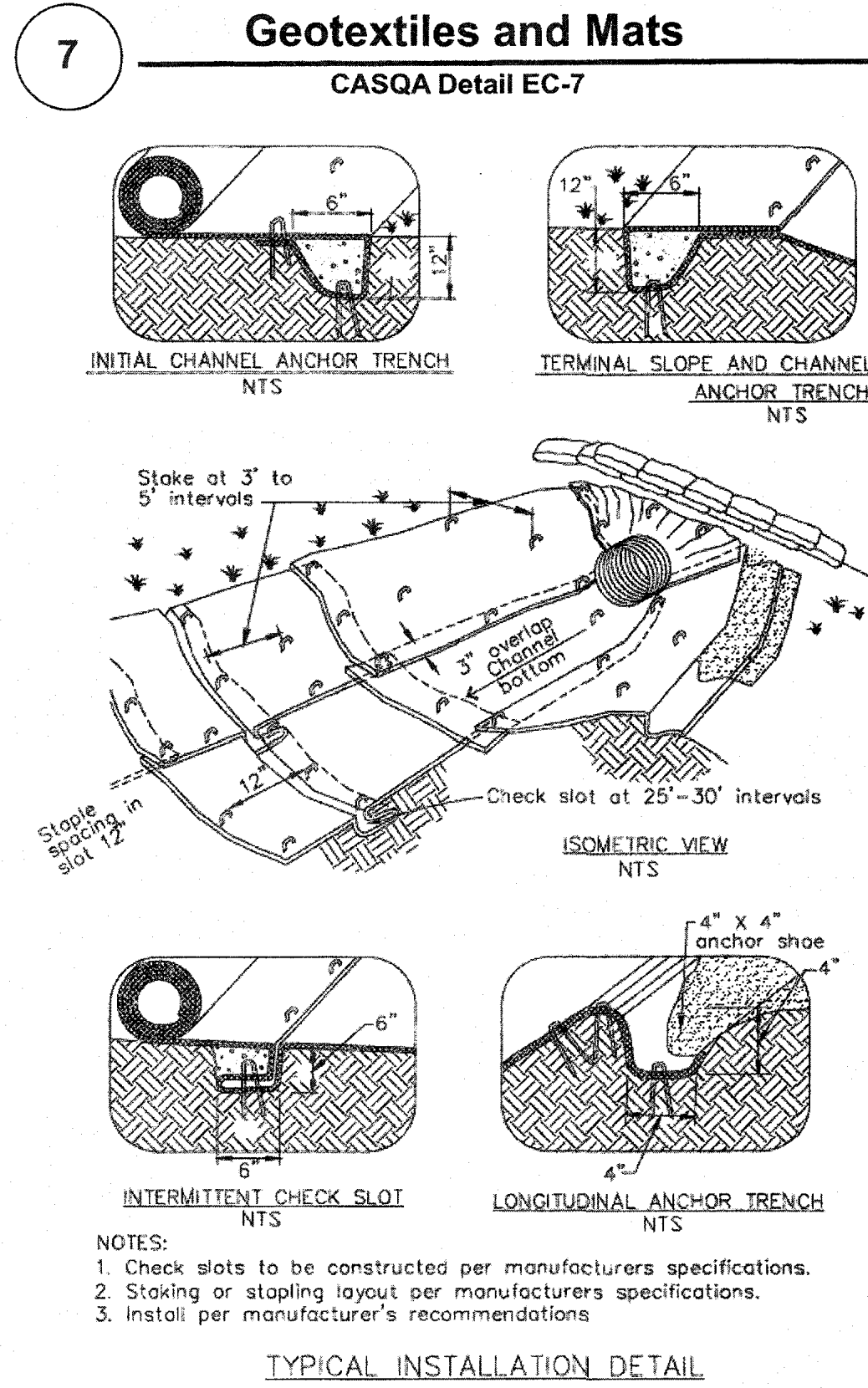
Best Management Practices and Erosion Control Details Sheet 1
County of Santa Clara



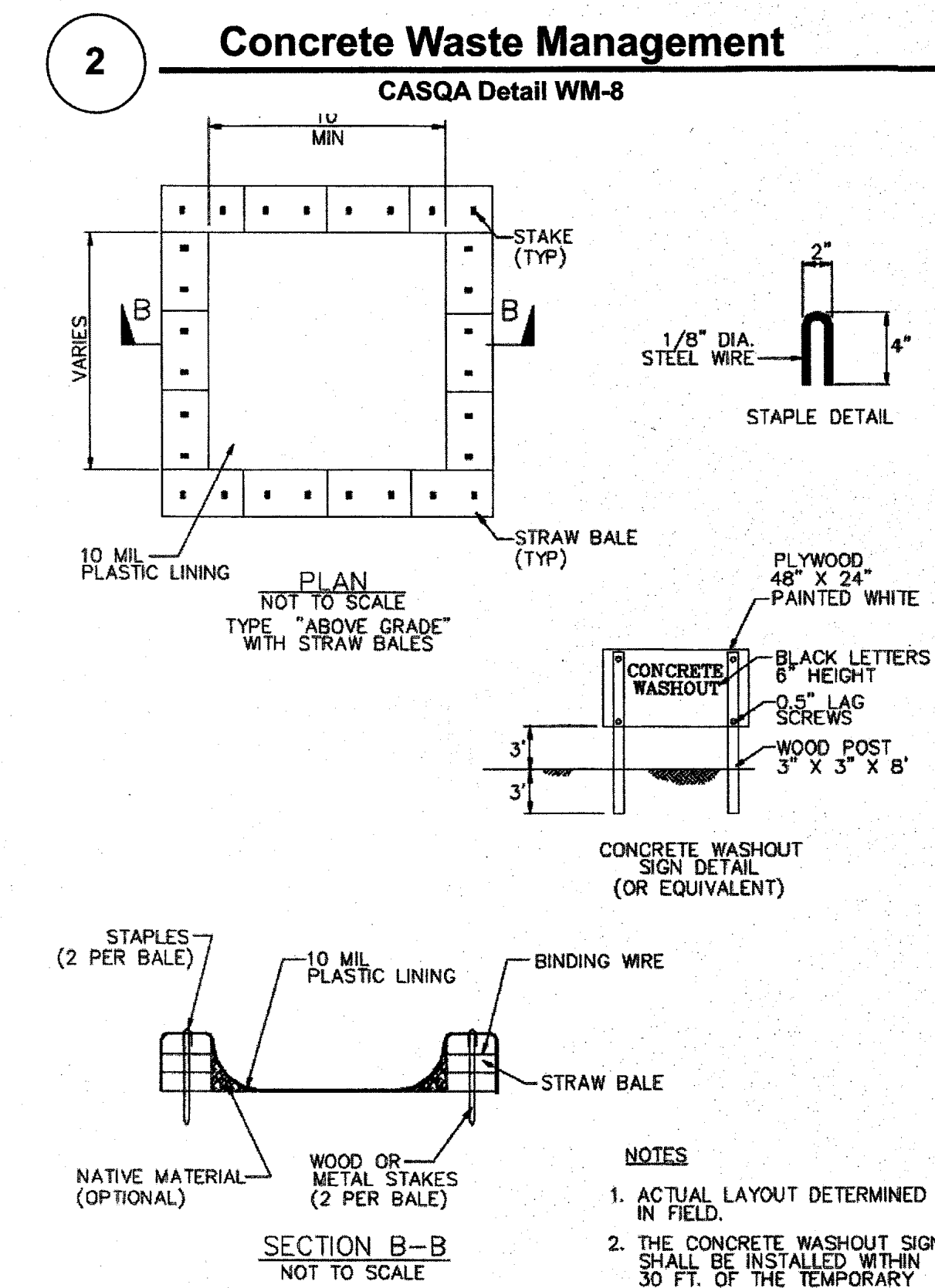
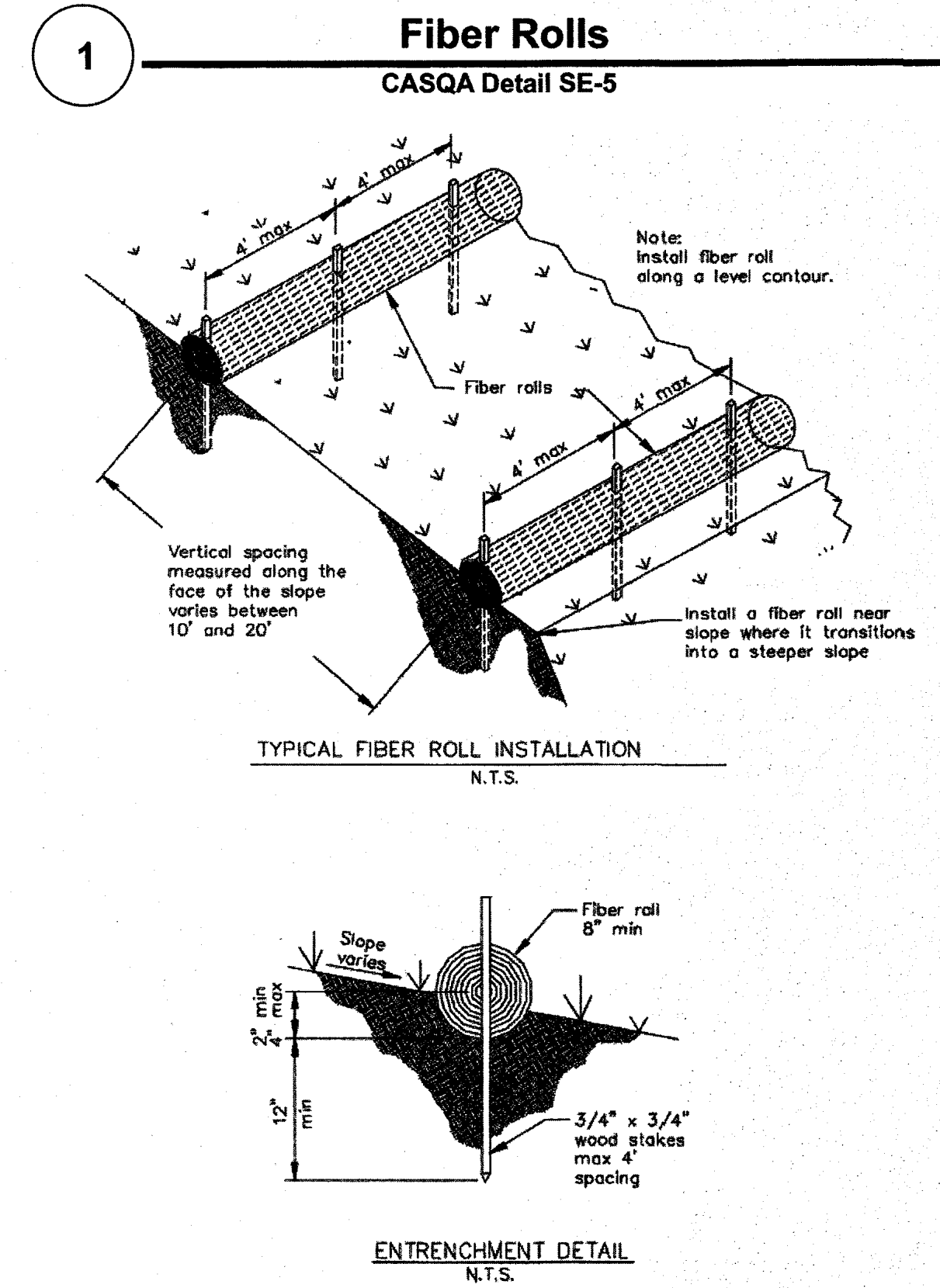
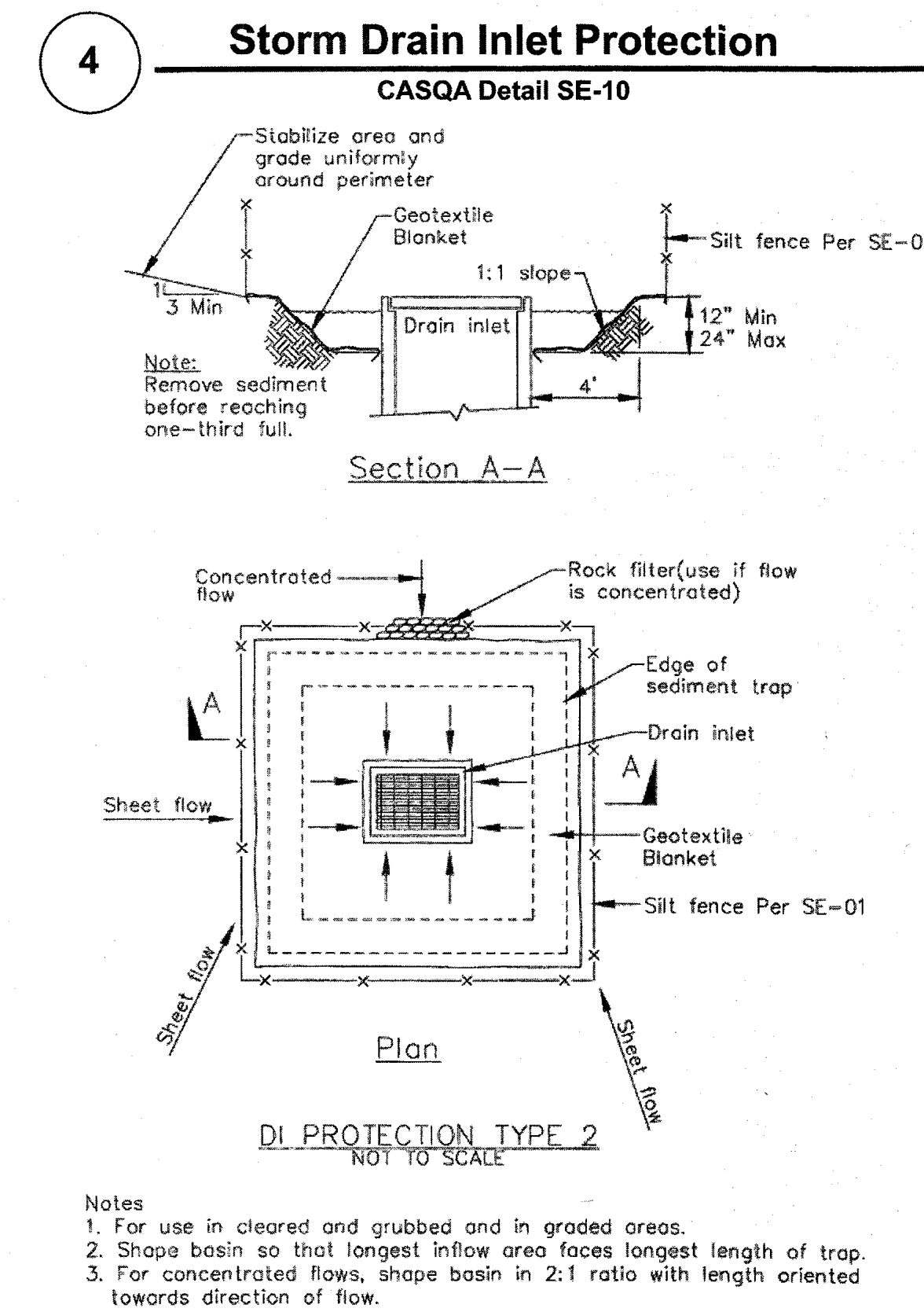
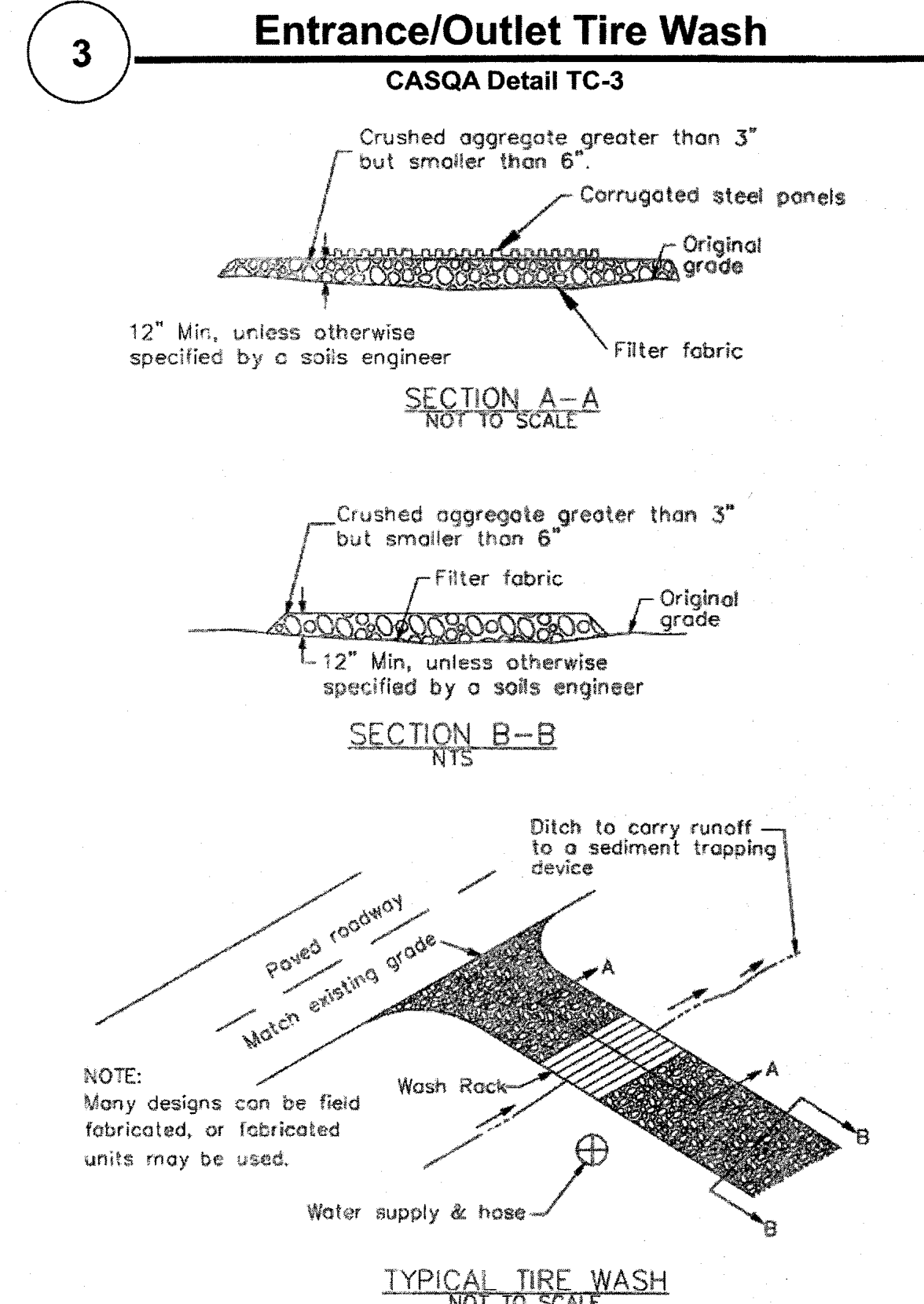
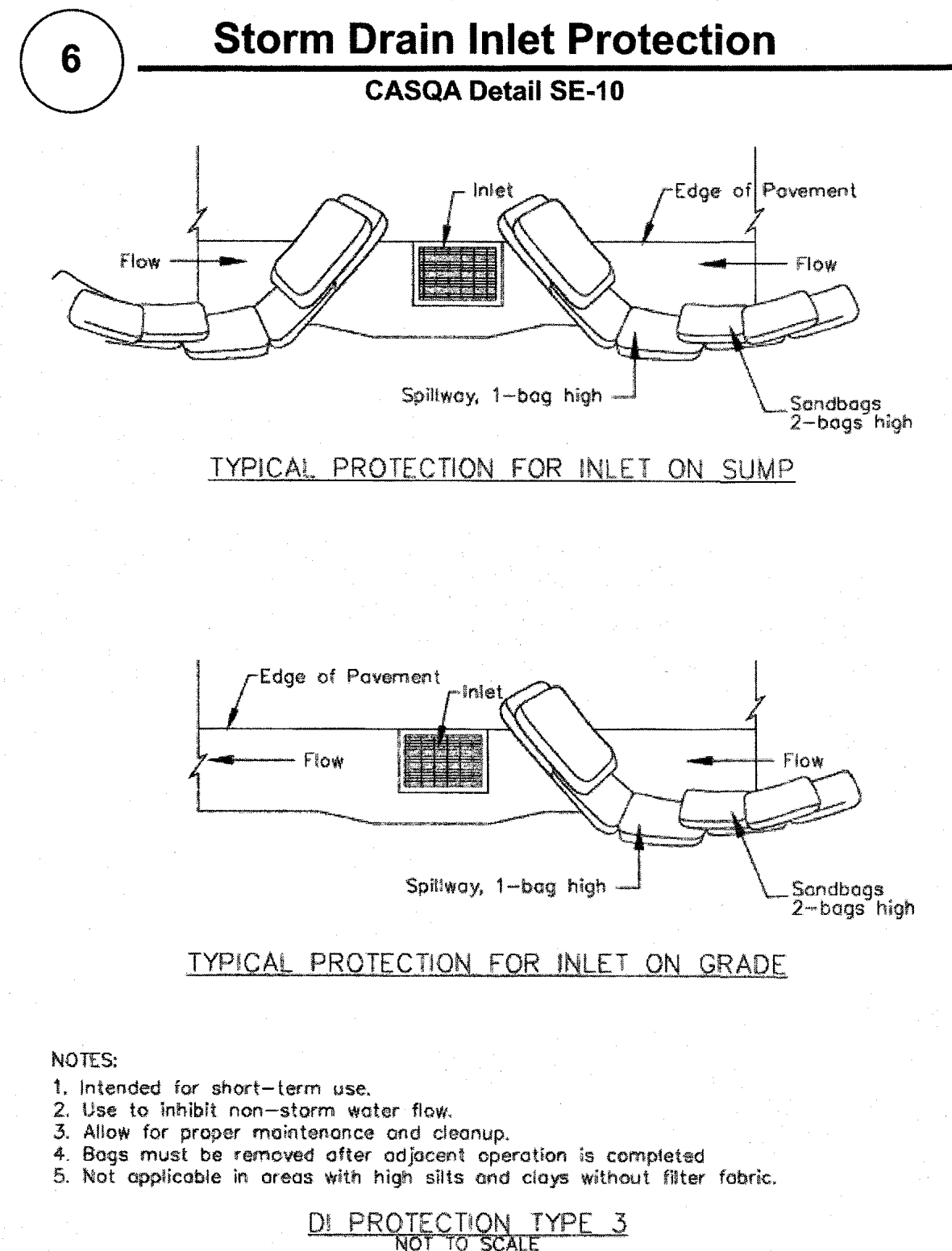
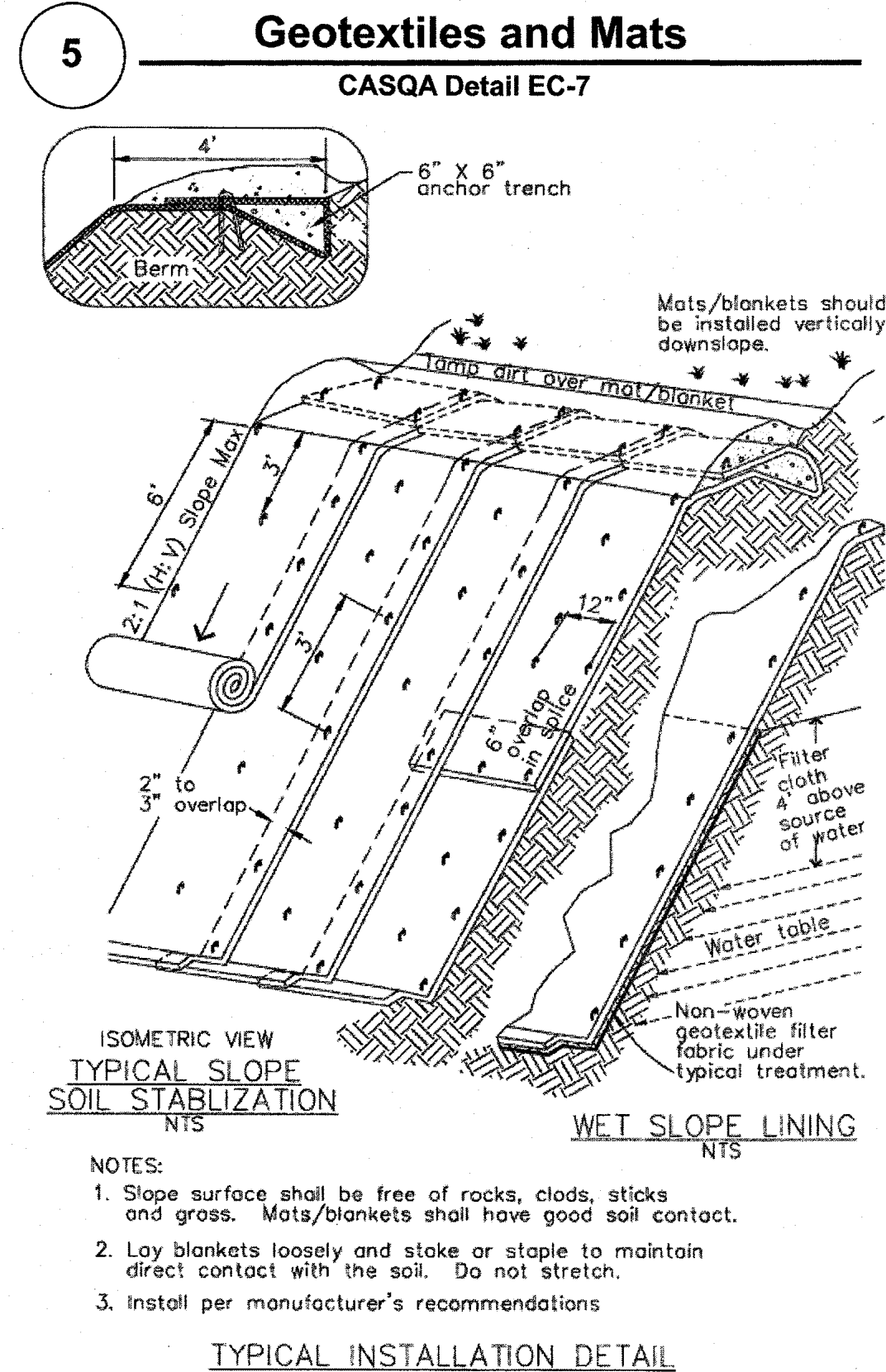
BMP-1

BEST MANAGEMENT PRACTICES & EROSION CONTROL DETAILS		24591 SUMMERHILL COURT LOT 3-TRACT NO. 958-VIEW ACRES LOS ALTOS, CALIFORNIA		Giuliani & Kull - San Jose, Inc. Engineers • Planners • Surveyors 4880 Stevens Creek Blvd. Suite 100 San Jose, California 95129 (408) 615-4000		NO.	DATE	REVISIONS		SCALE 1"= 20'
OF	10									DRAWN BY
DATE	4/25/22									DESIGNED BY
JOB NO. 21109										M.H.
										CHECKED BY
										M.H.

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Source for Graphics: California Stormwater BMP Handbook, California Stormwater Quality Association, January 2003.
Available from www.cabmphandbooks.com.



Project Information

Giuliani & Kull - San Jose, Inc.
Engineers • Planners • Surveyors
4880 Stevens Creek Blvd., Suite 100
San Jose, California 95129
(408) 615-4000

24591 SUMMERHILL COURT
LOT 3-TRACT NO. 958-VIEW ACRES
LOS ALTOS, CALIFORNIA

BEST MANAGEMENT PRACTICES
& EROSION CONTROL DETAILS

SHEET
C-9
OF 10
DATE 4/25/22
JOB NO.
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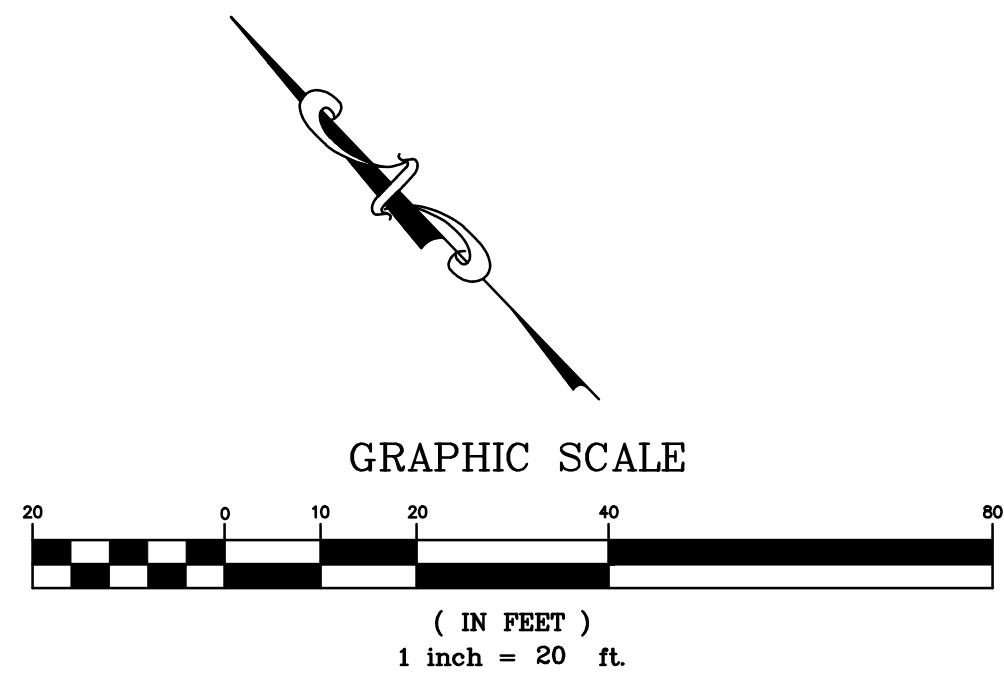
Best Management Practices and Erosion Control Details Sheet 2

County of Santa Clara



BMP-2

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NOTE:
TOPOGRAPHIC SURVEY WAS PREPARED BY
OTHERS & SUPPLIED TO GIULIANI & KULL-
SAN JOSE, INC. BY THE OWNER.

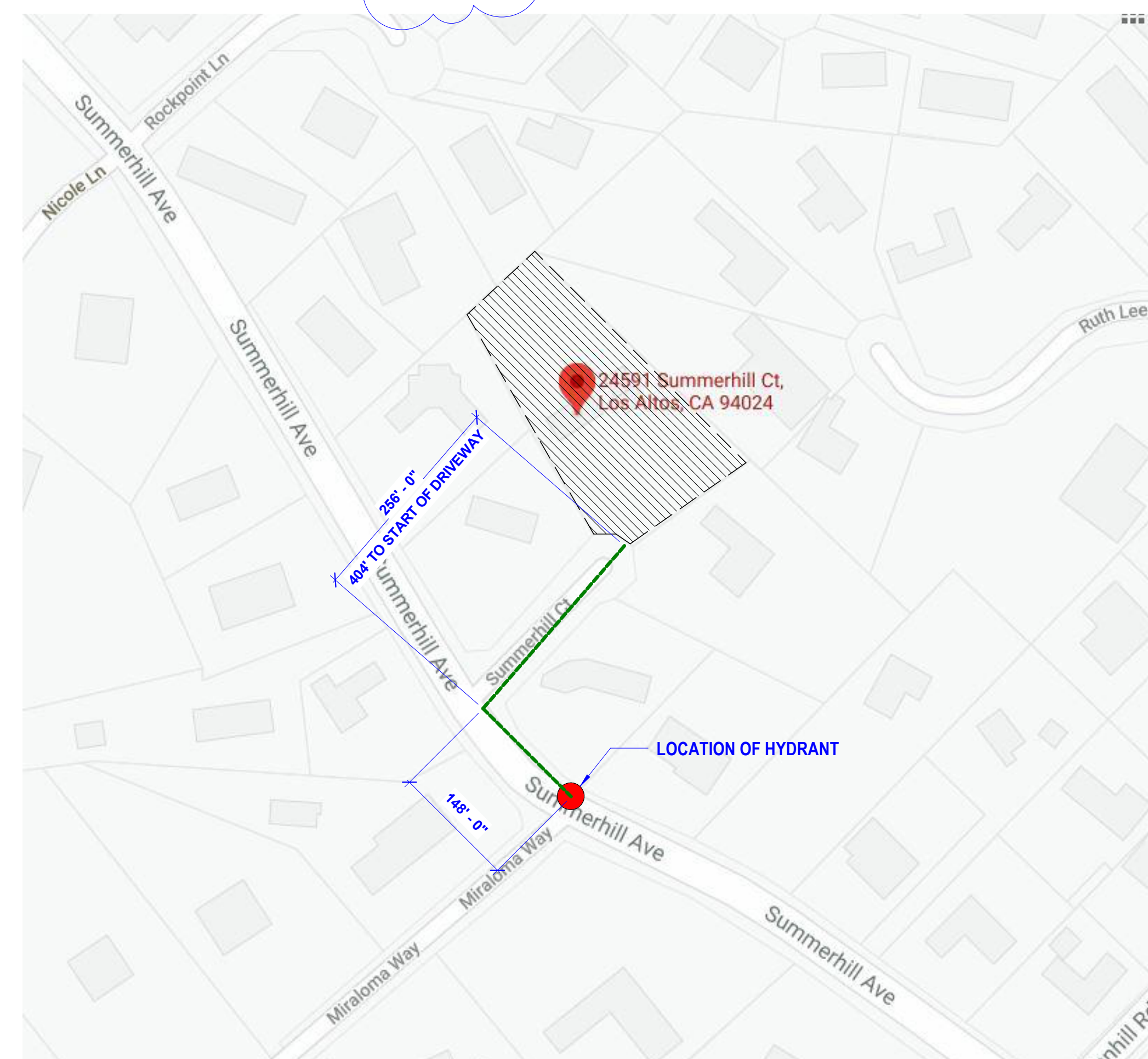
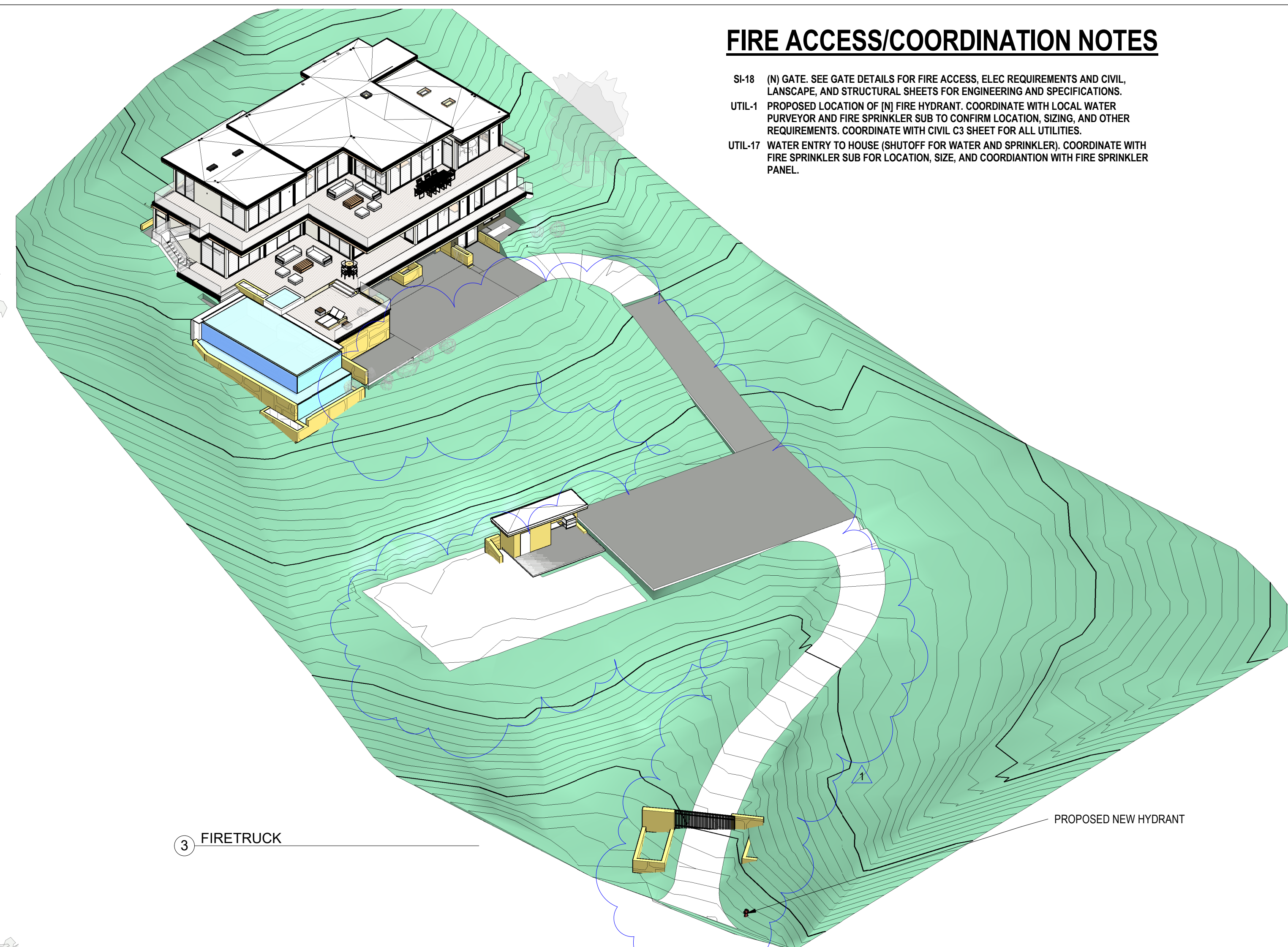
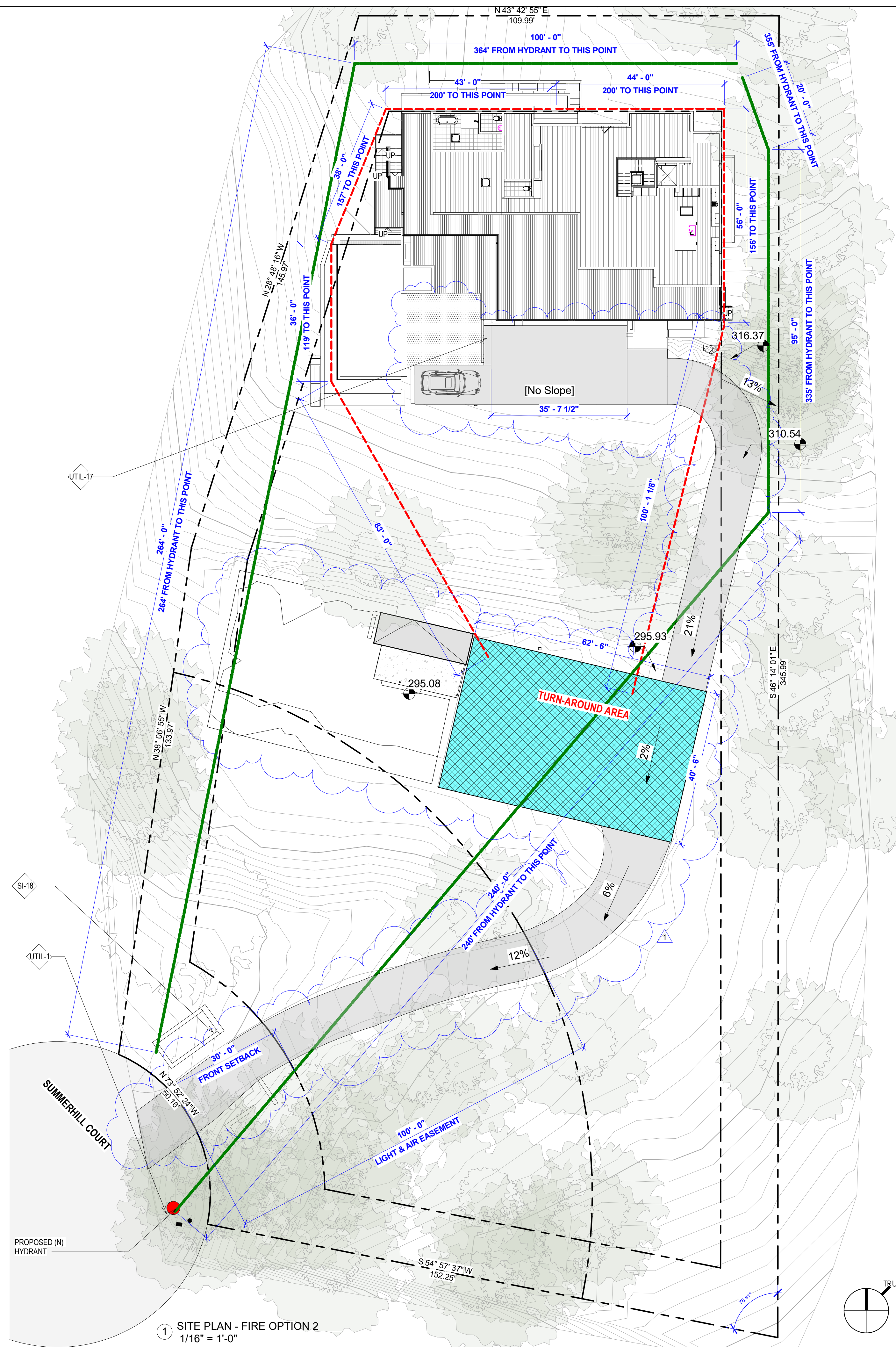


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PROJECT NUMBER:	----
ISSUE DATE:	8/03/2021

FIRE TRUCK TURN-AROUND



FIRE ACCESS/COORDINATION NOTES

SI-18	(N) GATE. SEE GATE DETAILS FOR FIRE ACCESS, ELEC REQUIREMENTS AND CIVIL, LANDSCAPE, AND STRUCTURAL SHEETS FOR ENGINEERING AND SPECIFICATIONS.
UTIL-1	PROPOSED LOCATION OF (N) FIRE HYDRANT. COORDINATE WITH LOCAL WATER PURVEYOR AND FIRE SPRINKLER SUB TO CONFIRM LOCATION, SIZING, AND OTHER REQUIREMENTS. COORDINATE WITH CIVIL C3 SHEET FOR ALL UTILITIES.
UTIL-17	WATER ENTRY TO HOUSE (SHUTOFF FOR WATER AND SPRINKLER). COORDINATE WITH FIRE SPRINKLER SUB FOR LOCATION, SIZE, AND COORDINATION WITH FIRE SPRINKLER PANEL.

3 FIRETRUCK

PROPOSED NEW HYDRANT

LOCATION OF HYDRANT