COUNTY OF SANTA CLARA

General Construction Specifications

GENERAL CONDITIONS

- SOILS AND/OR GEOTECHNICAL REPORT PREPARED BY REDWOOD GEOTECHNICAL ENGINEERING, INC. PO BOX 53058, SAN JOSE, CA 95153, TEL 408-227-5168, PROJECT NO. 2349SCL AND DATED AUGUST 8, 2017. 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. 5. 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 CORONER AT (4008) 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.

CONSTRUCTION INSPECTION

- CONTRACTOR SHALL NOTIFY PERMIT INSPECTION UNIT. SANTA CLARA COUNTY PRIOR TO COMMENCING WORK AND FOR FINAL INSPECTION OF WORK AND SITE.
- E 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 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 ACCESS ROADS AND DRIVEWAYS AS FOLLOWS:
 - 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.
- ITILITY 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 AS MINIMUM STANDARDS TO ALL UNDERGROUND FACILITIES INSTALLED BY OTHER FIRMS OR PUBLIC AGENCIES.

etaining walls

- REINFORCED CONCRETE AND CONCRETE MASONRY UNIT RETAINING WALLS SHALL HAVE FOUNDATION AND REINFORCEMENT INSPECTED BY THE COUNTY ENGINEERING CONTINUAL CONTROL OF THE COUNTY INSPECTOR. 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

- 1. WATER ALL ACTIVE CONSTRUCTION AREAS AT LEAST TWICE DAILY. ALL CONSTRUCTION WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE 1. EXCAVATED MATERIAL SHALL BE PLACED IN THE FILL AREAS DESIGNATED OR COVER ALL TRUCKS HAULING SOIL, SAND, AND OTHER LOOSE MATERIALS 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 REQUIRE ALL TRUCKS TO MAINTAIN AT LEAST TWO FEET OF FREEBOARD. E STRIPPED OF ALL VEGETATION. TO ACHIEVE A PROPER BOND WITH THE 3. PAVE, APPLY WATER THREE TIMES DAILY, OR APPLY (NON-TOXIC) SOIL FILL MATERIAL, THE SURFACE OF THE GROUND SHALL BE SCARIFIED TO DEPTH STABILIZERS ON ALL UNPAVED ACCESS ROADS, PARKING AREAS AND STAGING OF 6" BEFORE FILL IS PLACED. WHERE NATURAL GROUND IS STEEPER THAN AREAS AT CONSTRUCTION SITES 5:1, IT SHALL BE BENCHED AND THE FILL KEYED IN TO ACHIEVE STABILITY. SWEEP DAILY (WITH WATER SWEEPERS) ALL PAVED ACCESS ROADS, PARKING WHERE NEW FILL IS TO BE PLACED ON EXISTING FILL THE EXISTING FILL SHALL AREAS AND STAGING AREAS AT CONSTRUCTION SITES. THE USE OF DRY BE REMOVED UNTIL MATERIAL COMPACTED TO 90% RELATIVE COMPACTION IS POWDER SWEEPING IS PROHIBITED. EXPOSED. THEN THE NEW FILL MATERIAL SHALL BE PLACED AS PER THESE SWEEP STREETS DAILY (WITH WATER SWEEPERS) IF VISIBLE SOIL MATERIAL IS CONSTRUCTION NOTES. FILL MATERIAL SHALL BE PLACED IN UNIFORM LIFTS CARRIED ONTO ADJACENT PUBLIC STREETS. THE USE OF DRY POWDER NOT EXCEEDING 6" IN UNCOMPACTED THICKNESS. BEFORE COMPACTION BEGINS, SWEEPING IS PROHIBITED. THE FILL SHALL BE BROUGHT TO A WATER CONTENT THAT WILL PERMIT 6. ALL CONSTRUCTION VEHICLES, EQUIPMENT AND DELIVERY TRUCKS SHALL PROPER COMPACTION BY EITHER 1) AERATING THE FILL IF IT IS TOO WET OR HAVE A MAXIMUM IDLING TIME OF 5 MINUTES (AS REQUIRED BY THE 2) MOISTENING THE FILL WITH WATER IF IT IS TOO DRY. EACH LIFT SHALL BE CALIFORNIA AIRBORNE TOXIC CONTROL MEASURE TITLE 13, SECTION 2485 OF 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)
 - DELINEATED ON THE PLAN. 4. 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. 6. MAXIMUM CUT SLOPE SHALL BE 2 HORIZONTAL TO 1 VERTICAL. MAXIMUM FILL SLOPE SHALL BE 2 HORIZONTAL TO 1 VERTICAL

EARTHWORK QUA	MAXIMUM	DEPTHS		
DESCRIPTION	CUT (-) FILL (+)	CUT (FT)	FILL (FT)
BUILDING FOOTPRINTS & 5' WITHIN THE FOOTPRINTS	124 C.Y.	101 C.Y.	-1.37 FT	1.70 FT
SITE WORK (EXCLUDES BUILDING FOOTPRINTS & 5' WITHIN THE FOOTPRINTS)	243 C.Y.	163 C.Y.	-1.1 FT	0.7 FT
TOTALS RAW: 10% SHRINKAGE FACTOR (ASSUMED)	367 C.Y.	264 C.Y. 26 C.Y.		
TOTAL ADJUSTED:	367 C.Y.	290 C.Y.		

NET IMPORT = FILL - CUT | 77 C.Y. (IN-PLACE C.Y) | NOTE: FILL VOLUMES INCLUDE 20% SHRINKAGE.

EXCESS MATERIAL SHALL BE OFF HAULED TO A COUNTY APPROVED DUMP

- 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. THE UPPER 6" OF THE SUBGRADE SOIL SHALL BE SCARIFIED, MOISTURE CONDITIONED AND COMPACTED TO A MINIMUM RELATIVE COMPACTION OF 95%
- 10. ALL AGGREGATE BASE MATERIAL SHALL BE COMPACTED TO A MINIMUM 95% RELATIVE COMPACTION 11. 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. 12. 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. 13. GRADING WORK BETWEEN OCTOBER 15TH AND APRIL 15TH IS AT THE
- DISCRETION OF THE SANTA CLARA COUNTY GRADING OFFICIAL.
- 14. TOTAL DISTURBED AREA FOR THE PROJECT <u>42,731 SF (0.981 AC).</u> 15. WDID NO.____N/A_
- 16. 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

- 1. FOR ALL TREES TO BE RETAINED WITH A CANOPY IN THE DEVELOPMENT AREA OR INTERFACES WITH THE LIMITS OF GRADING FOR ALL PROPOSED YEVELOPMENT ON SITE THE TREES SHALL BE PROTECTED BY THE 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.

- A) TO A MINIMUM DEPTH OF TWO FEET BELOW THE FINISHED GRADE OF 1. 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.
 - 4. 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..

TREET LIGHTING

- 1. PACIFIC GAS & ELECTRIC ELECTROLIER 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 AFTERCONSTRUCTION. 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 PSL IN A SEVEN-DAY PERIOD. THE CONCRETE MIX DESIGN SHALL BE UNDER THE

AIR QUALITY, LANDSCAPING AND EROSION CONTROL

- 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
- PFR HOUR 8. 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.
- 9. 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. A. 15 MILES PER HOUR (MPH) SPEED LIMIT
 - B. 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 COMPLAIN HOTLINE OF 1-800-334-6367 10. ALL FILL SLOPES SHALL BE COMPACTED AND LEFT IN A SMOOTH AND FIRM CONDITION CAPABLE OF WITHSTANDING WEATHERING. 11. 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.
- 12. ALL DITCHES SHALL BE LINED PER COUNTY STANDARD SD8. 13. 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. 14. PRIOR TO GRADING COMPLETION AND RELEASE OF THE BOND, ALL GRADED
- AREAS SHALL BE RESEEDED 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. 15. 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. 16. THE OWNER SHALL PREPARE AND PRESENT A WINTERIZATION REPORT TO THE
- COUNTY INSPECTOR FOR REVIEW PRIOR TO OCTOBER 15TH OF EVERY YEAR. 17. 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.
- . PREVENTION OF DISCHARGE OF WATER RUN-OFF DURING DRY AND WET WEATHER CONDITIONS ONTO THE PUBLIC ROAD RIGHT-OF-WAY. 18. 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. 19. EROSION CONTROL PLAN IS A GUIDE AND SHALL BE AMENDED AS NECESSARY
- TO PREVENT EROSION AND ILLICIT DISCHARGES 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 BF NECESSARY. FAILURE TO INSTALL SITE SITE AND SITUATIONALY APPROPRIATE EROSION CONTROL MEASURES MAY RESULT IN VIOLATIONS. FINES, AND A STOPPAGE OF WORK.

STORM DRAINAGE AND STORMWATER MANAGEMENT

- 1. 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-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. 5. THE COUNTY SHALL INSPECT UNDERGROUND DRAINAGE IMPROVEMENTS AND STORMWATER MANAGEMENT FEATURES PRIOR TO BACKFILL.

AS-BUILT PLANS STATEMENT

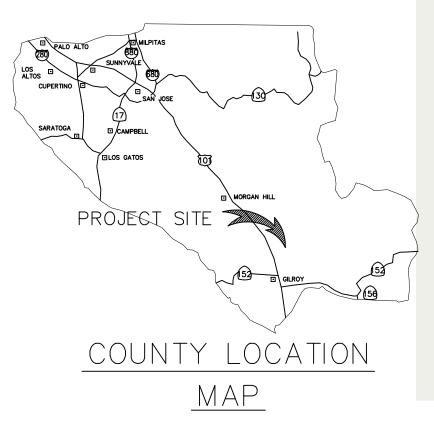
THIS IS A TRUE COPY OF THE AS-BUILT PLANS. THERE (____ WERE) (____ WERE NOT) MINOR FIELD CHANGES - MARKED WITH THE SYMBOL (^). THERE (___WERE) _ WERE NOT) PLAN REVISIONS INDICATING SIGNIFICANT CHANGES REVIEWED BY THE COUNTY ENGINEER AND MARKED WITH THE SYMBOL \triangle .

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

SIGNATURE

GEOTECHNICAL ENGINEER OBSERVATION

1. 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.



SURVEY MONUMENT PRESERVATION

- 1. THE LANDOWNER / CONTRACTOR MUST PROTECT AND ENSURE THE PERPETUATION OF SURVEY MONUMENTS AFFECTED BY CONSTRUCTION
- ACTIVITIES. 2. 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. 3. 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 COÙLD 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.

BASIS OF BEARINGS

THE BEARING NORTH 66°11'00" EAST OF THE LOT 167 AS SHOWN ON THAT PARCEL MAP FILED FOR RECORD IN BOOK 587 OF MAPS PAGES 13, SANTA CLARA COUNTY RECORDS, AND AS FOUND MONUMENTED, WAS TAKEN AS THE BASIS OF BEARING FOR THIS SURVEY.

BENCH MARK

DESCRIPTION: ASSUMED BENCHMARK, 1/2 REBAR IN THE LOT, NEAR THE SOUTHERLY EASTERLY CORNER OF LOT AS SHOWN: ELEV.: 100.00'

ABBREVATIONS

LP = LOW POINT

PAD = PAD ELEVATION

PL = PROPERTY LINE

PV = PAVEMENT GRADE

ROW = RIGHT OF WAY

S=.004> SLOPE

STA = STATION

 $TC = TOP \ OF \ CURB$

TF = TOP OF FENCE

TS = TOP OF STAIR

TW = TOP OF WALL

WM = WATER METER

WV = WATER VALVE

SD = STORM DRAIN

PVC = PO(YVINY) CHIORIDE

PCC = PORTLAND CEMENT CONCRETE

RCP = REINFORCED CONCRETE PIPE

SDMH = STORM DRAIN MANHOLE

SSMH = SANITARY SEWER MANHOLE

TRW = TOP OF RETAINING WALL

VCP = VITRIFIED CLAY PIPE

SG = SUBGRADE ELEVATION

SS = SANITARY SEWER

- AC = ASPHALT CONCRETEAD = AREA DRAIN
- BC = BEGIN CURVEBS = BOTTOM OF STAIR
- *BU = BUBBLE UP*
- RVC = REGIN VERTICAL CURVE BRW = BOTTOM OF RETAINING WALL
- CB = CATCH BASINCL = CENTERLINE
- CO = CLEANOUTDS = DOWNSPOUT WITH SPLASH BOX
- EC = END CURVE
- ELEV. = ELEVATIONEVC = END VERTICAL CURVE
- EX. = EXISTING F/C = FACE OF CURB
- FF = FINISHED FLOOR ELEVATION FH = FIRE HYDRANT
- FL = FLOW LINE
- GB = GRADE BREAK GFF = GARAGE FINISH FLOOR
- HP = HIGH POINTHC = HANDICAP UNIT

INV = INVERT

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

NO WORK SHALL BE DONE IN THE COUNTY'S RIGHT-OF-WAY WITHUOT AN ENCROACHEMENT 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.





COUNTY ENGINEER'S NOTE

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

DATE

DARRELL K.H. WONG 63958 R.C.E. NO.

INSPECTION.

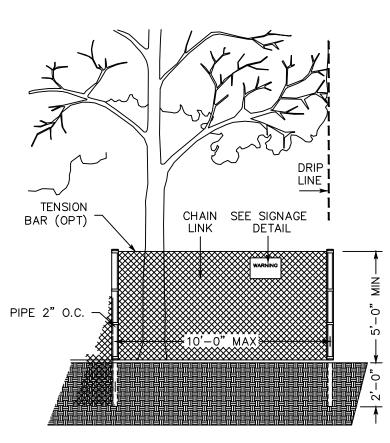
LAND DEVELOPMENT ENGINEERING & SURVEYING GRADING / DRAINAGE PERMIT NO. ISSUED BY: ___

FILE NO.: LDE17-10900 G

ROAD: FOOTHILL AVE



VICINITY MAP



EXISTING TREE PROTECTION DETAILS

I. 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. PVI = POINT OF VERTICAL INTERSECTION2. FENCE SHALL BE MINIMUM 5 FEET TALL CONSTRUCTED OF STURDY MATERIAL

(CHAIN-LINK OR EQUIVALENT STRENGTH/ DURABILITY). 3. FENCE SHALL BE SUPPORTED BY VERTICAL POSTS DRIVEN 2 FEET (MIN) INTO THE GROUND AND SPACED NOT MORE THAN 10 FEET APART. 4. 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

5. 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.

DATE:_

COUNTY OF SANTA CLARA



SCOPE OF WORK

1. 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 COTROL PLANS TO PREVENT ILLICIT DISCHARGES FROM THE SITE DURING CONSTRUCTION.

- 2. CONSTRUCTION OF NEW HOUSE PAD.
- 3. CONSTRUCTION OF NEW DRIVEWAY (GRAVEL)
- 4. CONSTRUCTION OF STORM WATER FACILITIES
- 5. CONSTRUCTION OF SEPTIC SYSTEM
- 6. UNDERGROUND UTILITIES
- 7. HYDROSEED OPEN DISTURBED AREA-NO APPROVED LANDSCAPE

<u>LEGENL</u>	2
DESCRIPTION	SYMBOL
BOUNDARY LINE	
LOT LINE	
EASEMENT LINE	
SIDEWALK	
WOOD FENCE	X X
CHAIN LINK FENCE	ooo_
RETAINING WALL	000
DRIVEWAY DRAIN INLET	
AREA DRAIN	⊜
DROP INLET	
MONUMENT	•
FIRE HYDRANT	, e
ELECTROLIER	
WATER METER	×× ≥
AC UNIT	\boxtimes
SANITARY SEWER LATERAL	•
STORM DRAIN	SD
SANITARY SEWER	SS
STREET LIGHT CONDUITS	SL
WATER	—— w ——
JOINT TRENCH	JT
HOUSE SERVICE	SVC
SLOPE ARROW	
EXISTING CONTOUR	100
PROPOSED CONTOUR	
OVERLAND RELEASE	
DIRECTION OF SURFACE DRAINIAGE	-
5% SLOPE AWAY FROM BUILDING	>>

SHEET INDEX

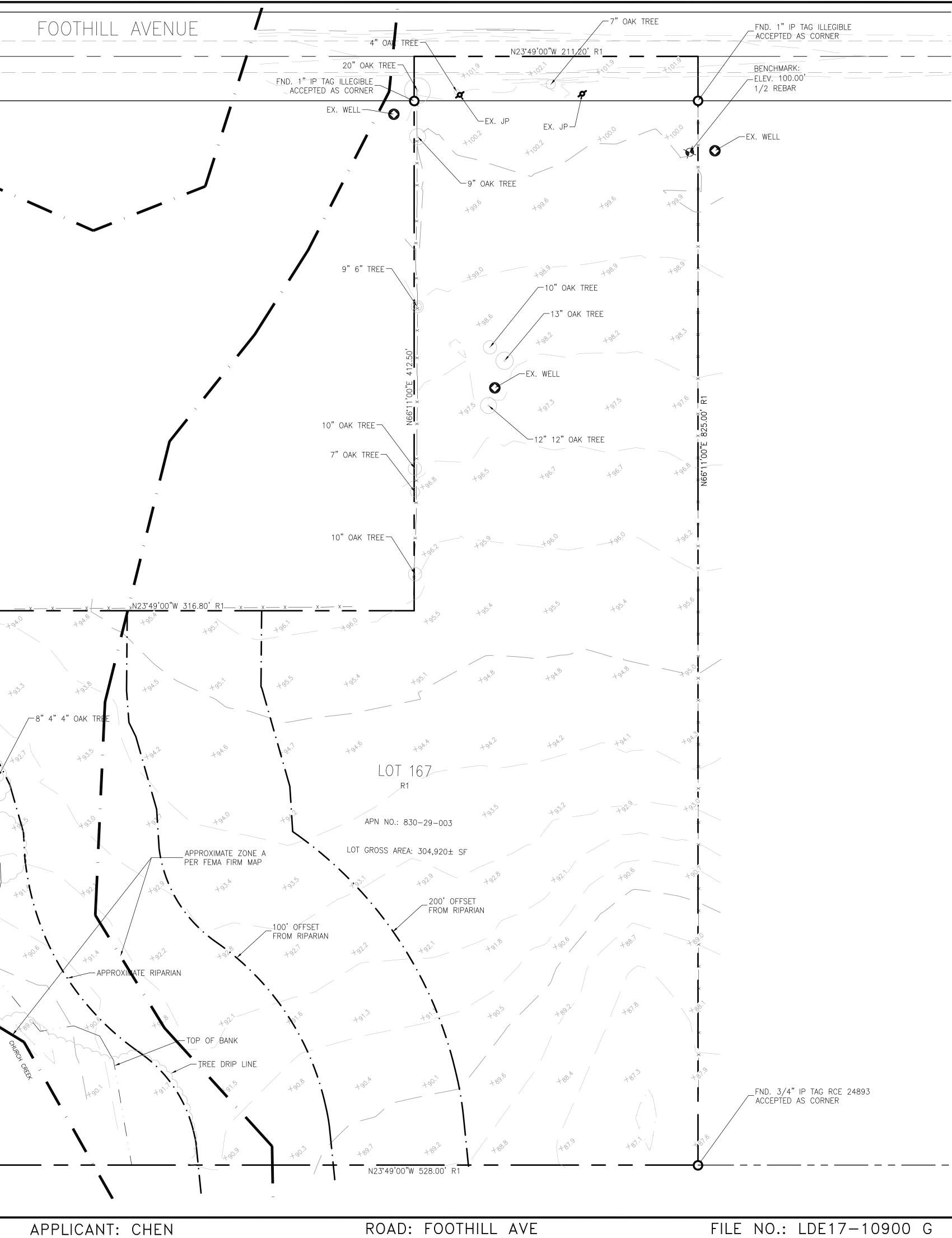
CO	TITLE SHEET
BT1	BOUNDARY AND TOPOGRAPHIC MAP
C1	SITE PLAN
C1.2-C1.3	GRADING AND DRAINAGE PLAN
C2-C2.1	CONSTRUCTION SECTIONS & DETAILS
C3	COUNTY STANDARD DETAILS
C4	EROSION CONTROL PLAN
C5.1-C5.2	COUNTY BMP SHEETS

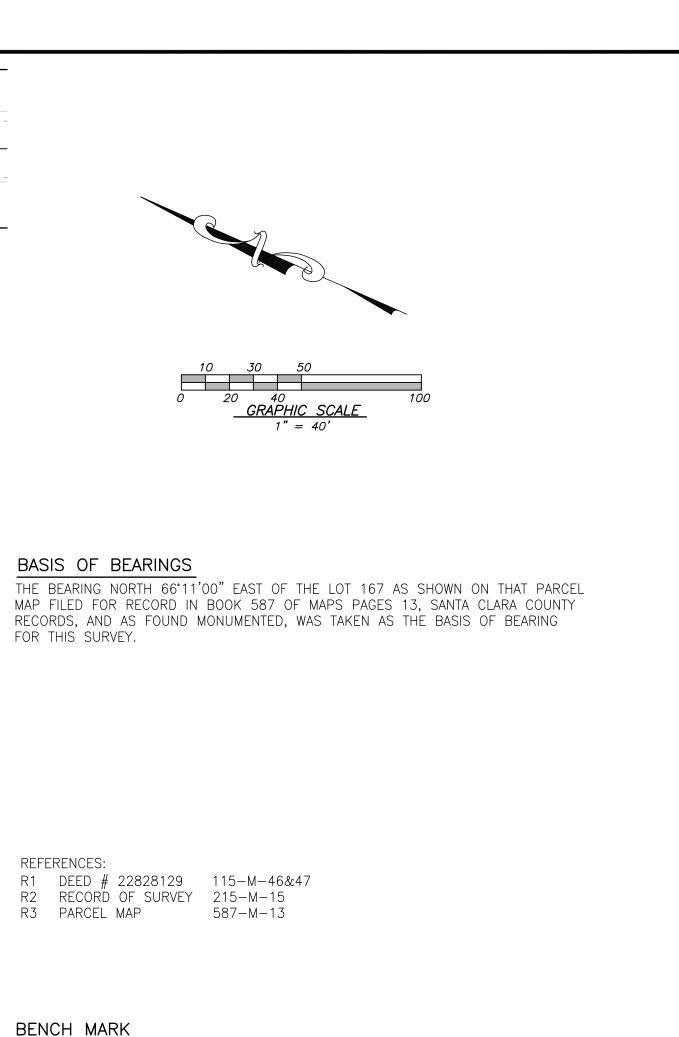
6-30-19			
EXPIRATION DATE	ENGINEER'S NAME	PORFIRIO OSCAR OSUI	NA
	ADDRESS: 1949 SAN	O'TOOLE WAY Jose, ca 95131	
	PHONE NO. 408-	-772-4381	
E DEVELOPER, PERMITTEE OF IONS CONTAINED IN THE REQUIRES A MODIFICATION OF IALL HAVE THE AUTHORITY OR DEPARTURE AND TO		@osunaengineering.com	
	Revision 1	APN	Sheet
9/30/2024	Revision 2	830-29-003	CO of
EXPIRATION DATE	Revision 3	<i>Co. File</i> LDE17-10900 G	11

70829

R.C.E. NO.

		/ / /	
	EGEND		
— — —200— — —	EXISTING CONTOUR LINE		
— — — 200— — —	NATURAL GRADE CONTOUR LINE		
۲	FOUND CITY MONUMENT BOX, OR AS NOTED		
	BOUNDARY OF PROPERTY SURVEYED		
()			
\bigtriangleup	CURB INLET CURB LINE		
	DRIVEWAY APRON		
	ELECTROLIER		
	- FENCE		
-¢-	FIRE HYDRANT		
	FLAT GRATE INLET		
0.H. PWR	- OVERHEAD POWER LINE	-	
O.H. TEL	- OVERHEAD TELEPHONE LINE		
SS	— SANITARY SEWER LINE		
\bigcirc	SANITARY SEWER MANHOLE	-	
ø	SANITARY SEWER CLEANOUT		
	SIGN	· · · · · · · · · · · · · · · · · · ·	
SD	— STORM DRAIN LINE		
\bigcirc	STORM DRAIN MANHOLE		
	UTILITY BOX		
-0-	UTILITY POLE	· · · /	
W	— WATER LINE	¦ /	
W	WATER METER	_	× × × × ×_N23°49'00"\
\bowtie	WATER VALVE	,	x x x x x x x x x x x x x x x x x x x
EM	ELECTRIC METER	/	
WH	WATER HEATER	~	
G	GAS	1	
0	WELL	/	$+9^{5^{3}}$ $+9^{5^{8}}$ $+9^{4^{8}}$
		•	+5
		1	8"4"4" OAK TREE
		I	
			$+92^{?}$ $+93^{?}$ - $+9^{k^{2}}$
			+a.5 +o30 +o3.
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DESCRIPTION: ASSUMED BENCHMARK, 1/2 REBAR IN THE LOT, NEAR THE SOUTHERLY EASTERLY CORNER OF LOT AS SHOWN: ELEV.: 100.00'

ABI	REVIATIONS	
	ASSESSOR'S PARCEL NUMBER BENCH MARK CABLE TELEVISION OVERHEAD CURVE DELTA DRIVEWAY DOWNSPOUT FLOW LINE ELEVATION IRON PIPE CURVE LENGTH REFERENCE DOCUMENT MONUMENT TO MONUMENT OVERHEAD POWER LINE OVERHEAD TELEPHONE LINE PARCEL PARCEL MAP PORTION RADIUS STORM DRAIN SANITARY SEWER TOP OF CURB ELEVATION TEMPORARY PUBLIC UTILITY EASEMENT WATER LINE EASEMENT	PROFE



C4

M

30

DUNDARY AND TOF LANDS OF CHEN THILL AVE - APN 83

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<u>_</u>

JOB NO.

1393

BT1

^{OF} 11

SHEET

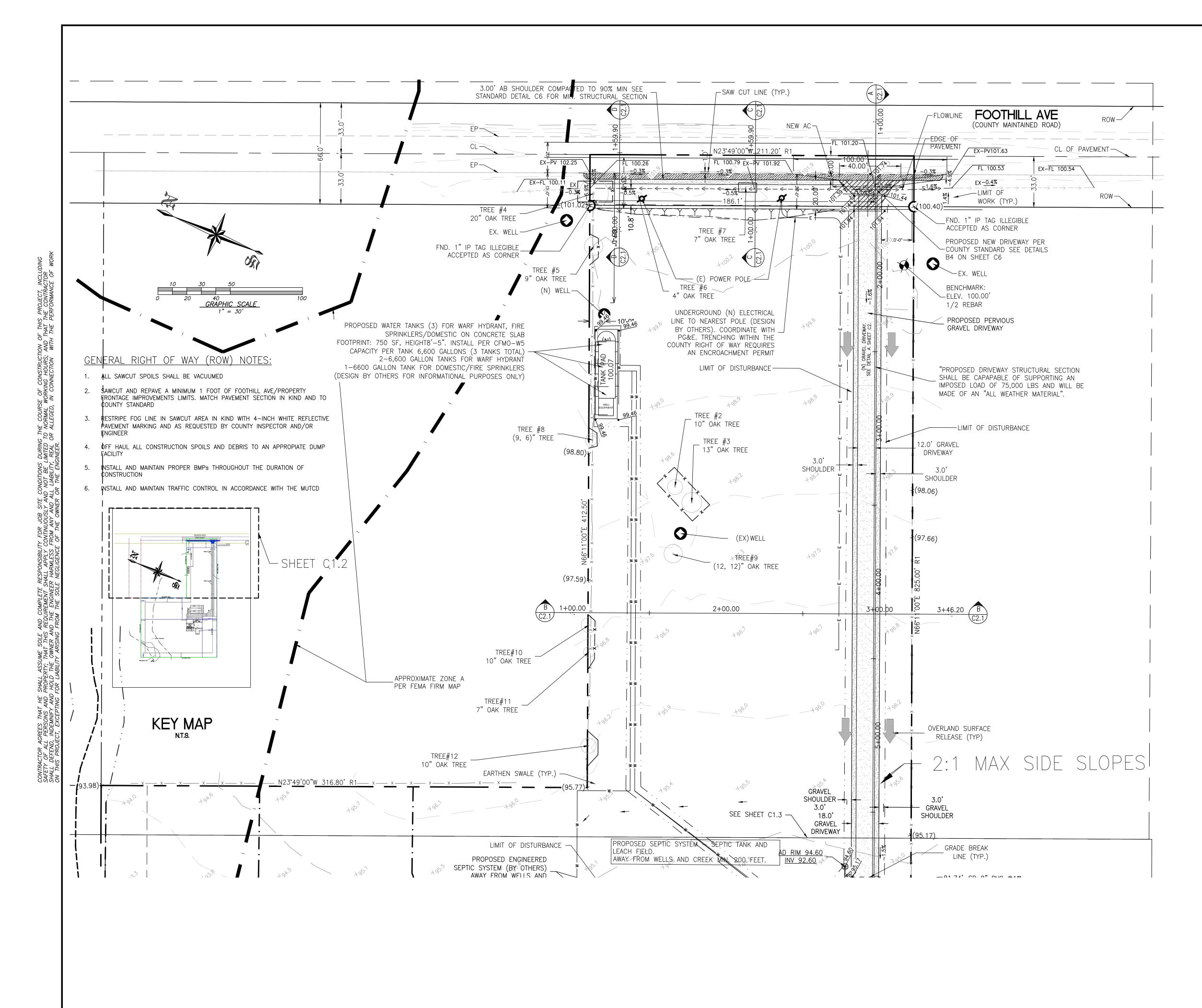
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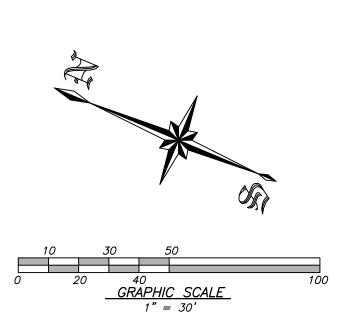
- 1. DISTANCES AND DIMENSIONS ARE SHOWN IN FEET AND DECIMALS THEREOF.
- 2. THE DISTINCTIVE BORDER LINE DENOTES THE BOUNDARY. 3. TREES SPECIES NAMES ARE APPROXIMATE, AND LABELED BY THEIR COMMON NAME TO THE BEST OF OUR KNOWLEDGE. IT IS NOT BASED ON AN ARBORIST REPORT. 4. THIS MAPS REPRESENTS TOPOGRAPHY OF THE SURFACE FEATURES ONLY.
- 5. UNLESS SPECIFIED ON THIS MAP, LOCATIONS OF THE UNDERGROUND AND OVERHEAD UTILITIES ARE NEITHER INTENDED NOR IMPLIED. FOR THE LOCATIONS OF
- UNDERGROUND UTILITIES CALL "USA" (1-800-642-2440).
 6. A TITLE REPORT FOR THE SUBJECT PROPERTY HAS NOT BEEN EXAMINED BY GREENBLUEARTH, INC. OTHER EASEMENTS OF RECORD MAY EXIST THAT ARE NOT SHOWN ON THIS MAP.

RECORD OF SURVEY NOTE: THIS PRELIMINARY SITE SURVEY BOUNDARY IS INTENDED FOR INITIAL STUDIES OR PLANNING DESIGN. TO FINALIZE THIS BOUNDARY SURVEY A RECORD OF SURVEY MUST BE FILED PER THE MANDATORY FILING PROVISIONS OF SECTION 8762(B) OF THE PROFESSIONAL LAND SURVEYORS' ACT. THE RECORD OF SURVEY IS BEING FILED CONCURRENTLY WITH THESE PLANS

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

24893	
24893	





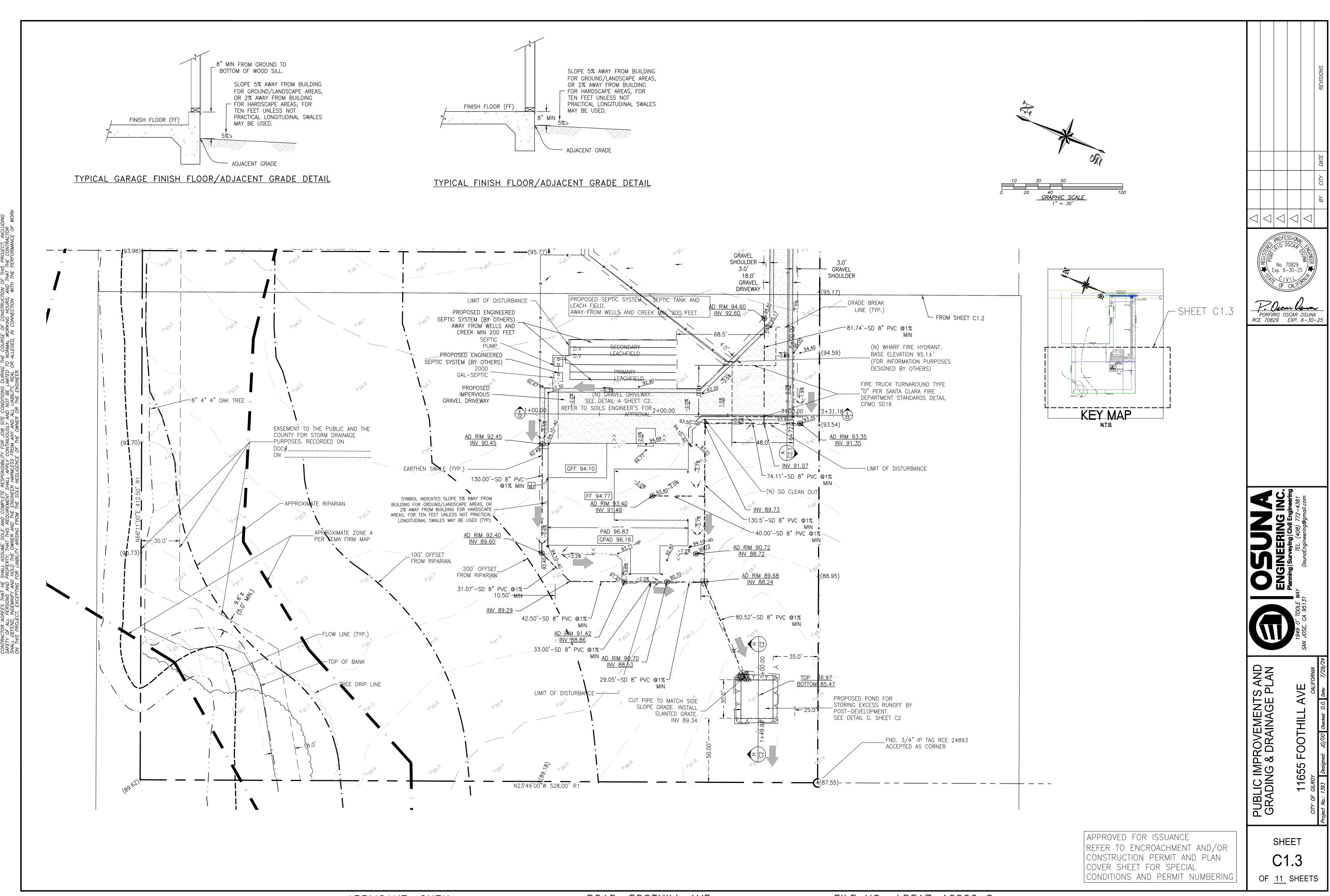
					REVISIONS
					BY CITY DATE
			$\overline{\langle}$		
RC		No. 7 Exp. 6- OF OF			
		ENGINEERING INC.	Planning Surveying Civil Engineering DLE WAY TEL. (408) 772-4381	15131 OsunaEngineering@gmail.com	
			1949 0' TOOLE WAY	SAN JOSE, CA 95131	
	GRADING & DRAINAGE PLAN				Designed: J0/00 Checked: 0.0. D
			еет 1 .2 shi		S

APPROVED FOR ISSUANCE

COVER SHEET FOR SPECIAL

REFER TO ENCROACHMENT AND/OR CONSTRUCTION PERMIT AND PLAN

CONDITIONS AND PERMIT NUMBERING



- AC = ASPHALT CONCRETE AD = AREA DRAIN BC = BEGIN CURVE BS = BOTTOM OF STAIR BU = BUBBLE UP BVC = BEGIN VERTICAL CURVE BRW = BOTTOM OF RETAINING WALL CB = CATCH BASINCL = CENTERLINECO = CLEANOUTDS = DOWNSPOUT WITH SPLASH BOX EC = END CURVE ELEV. = ELEVATION EVC = END VERTICAL CURVE EX. = EXISTING F/C = FACE OF CURB FF = FINISHED FLOOR ELEVATION FH = FIRE HYDRANT FL = FLOW LINE GB = GRADE BREAK GFF = GARAGE FINISH FLOOR HP = HIGH POINT HC = HANDICAP UNIT
- LP = LOW POINT PAD = PAD ELEVATION PCC = PORTLAND CEMENT CONCRETE PL = PROPERTY LINE PV = PAVEMENT GRADE PVC = POLYVINYL CHLORIDE PIPE PVI = POINT OF VERTICAL INTERSECTION RCP = REINFORCED CONCRETE PIPE ROW = RIGHT OF WAY S=.004> SLOPE SD = STORM DRAIN SDMH = STORM DRAIN MANHOLE SG = SUBGRADE ELEVATION SS = SANITARY SEWER SSMH = SANITARY SEWER MANHOLE STA = STATIONTC = TOP OF CURB TF = TOP OF FENCETRW = TOP OF RETAINING WALL TS = TOP OF STAIR TW = TOP OF WALL VCP = VITRIFIED CLAY PIPE WM = WATER METER WV = WATER VALVE

BENCH MARK

INV = INVERT

DESCRIPTION: ASSUMED BENCHMARK, 1/2 REBAR IN THE LOT, NEAR THE SOUTHERLY EASTERLY CORNER OF LOT AS SHOWN: ELEV.: 100.00'

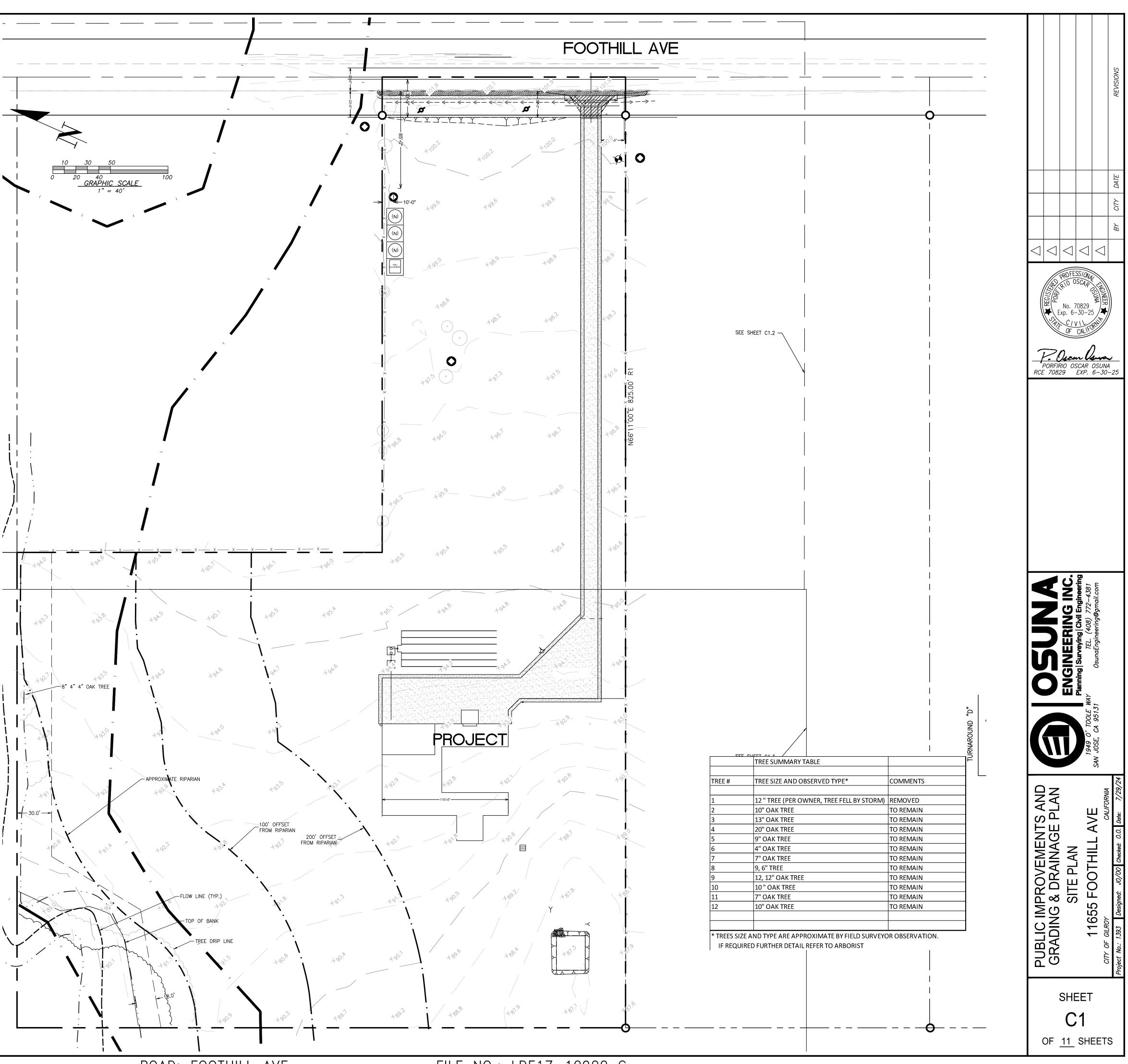
	DERV	OUS AND IMPERVIOUS S				
a.	Project Phase Number: (N/A, 1, 2, etc.)	N/A	b.	Total Site (acres):		7.00
c.	Total Site Existing Impervious Surfaces (square feet):	1	d.	Total Area of Site Disturbed (acres):		0.98
		Existing Condition of Site Area Disturbed		•	tion of Si (+/- sq.ft.)	te Area Disturbed
е	Impervious Surfaces	(+/- sq.ft.)		Replaced (1)		New (2)
	Roof Area(s)	1		1		7,732
	Parking/Driveways	0		0		14,912
	Sidewalks, Patios, etc.	0		0		660
	Streets (Public) Roadway Projects	0		0		0
	Streets (Private)	0		0		0
	Total Impervious Surfaces:	e.1 1	e.2	1	e.3	23,304
f.	Pervious Surfaces					
	Landscape Areas	42,575		0		19,271
	Pervious Pavers	0		0		0
	Other Pervious Surfaces (green roof, etc.)	0		0		0
	Total Pervious Surfaces:	f.1 42,575	f.2	0	f.3	19,271
					_	
g.						23,305
h.	Total Proposed Pervious Surfaces = Total Proposed Replaced + New h. Pervious Surfaces:					19,271
i	Percent of Replacement of Impervious Area in Redevelopment Projects (e.2/c x 100)					100%

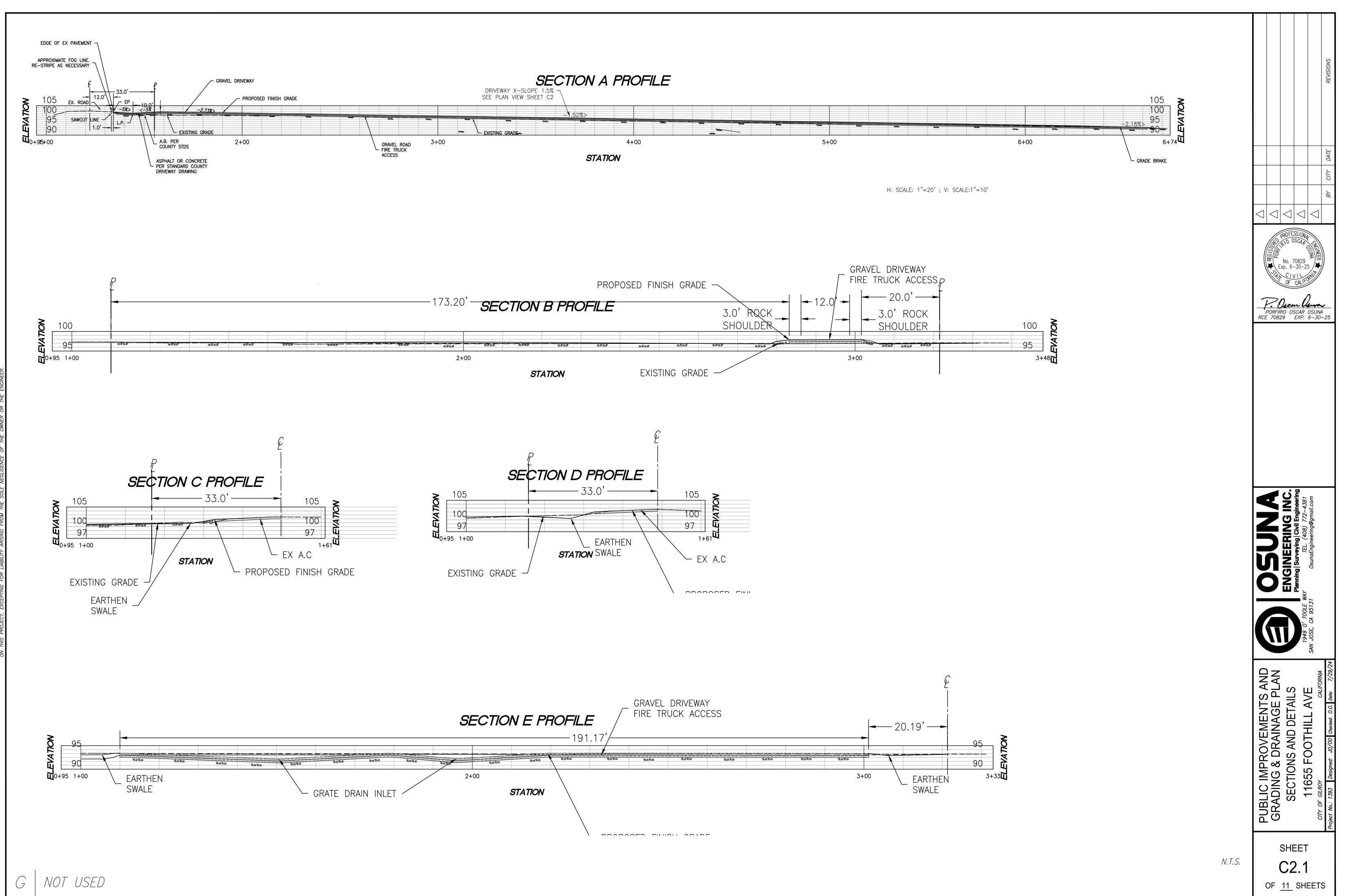
LEGEND

DESCRIPTION	SYMBOL
BOUNDARY LINE	
LOT LINE	
EASEMENT LINE	
SIDEWALK	
WOOD FENCE	x x
CHAIN LINK FENCE	ooo
RETAINING WALL	00
DRIVEWAY DRAIN INLET	
AREA DRAIN	⊜
DROP INLET	
MONUMENT	•
FIRE HYDRANT	, e
ELECTROLIER	~~~
WATER METER	æ
AC UNIT	\boxtimes
SANITARY SEWER LATERAL	•— — —
STORM DRAIN	SD
SANITARY SEWER	SS
STREET LIGHT CONDUITS	SL
WATER	— w —
JOINT TRENCH	JT
HOUSE SERVICE	SVC
SLOPE ARROW	
EXISTING CONTOUR	100
PROPOSED CONTOUR	
OVERLAND RELEASE	
DIRECTION OF SURFACE DRAINIAGE	->
5% SLOPE AWAY FROM BUILDING	>>

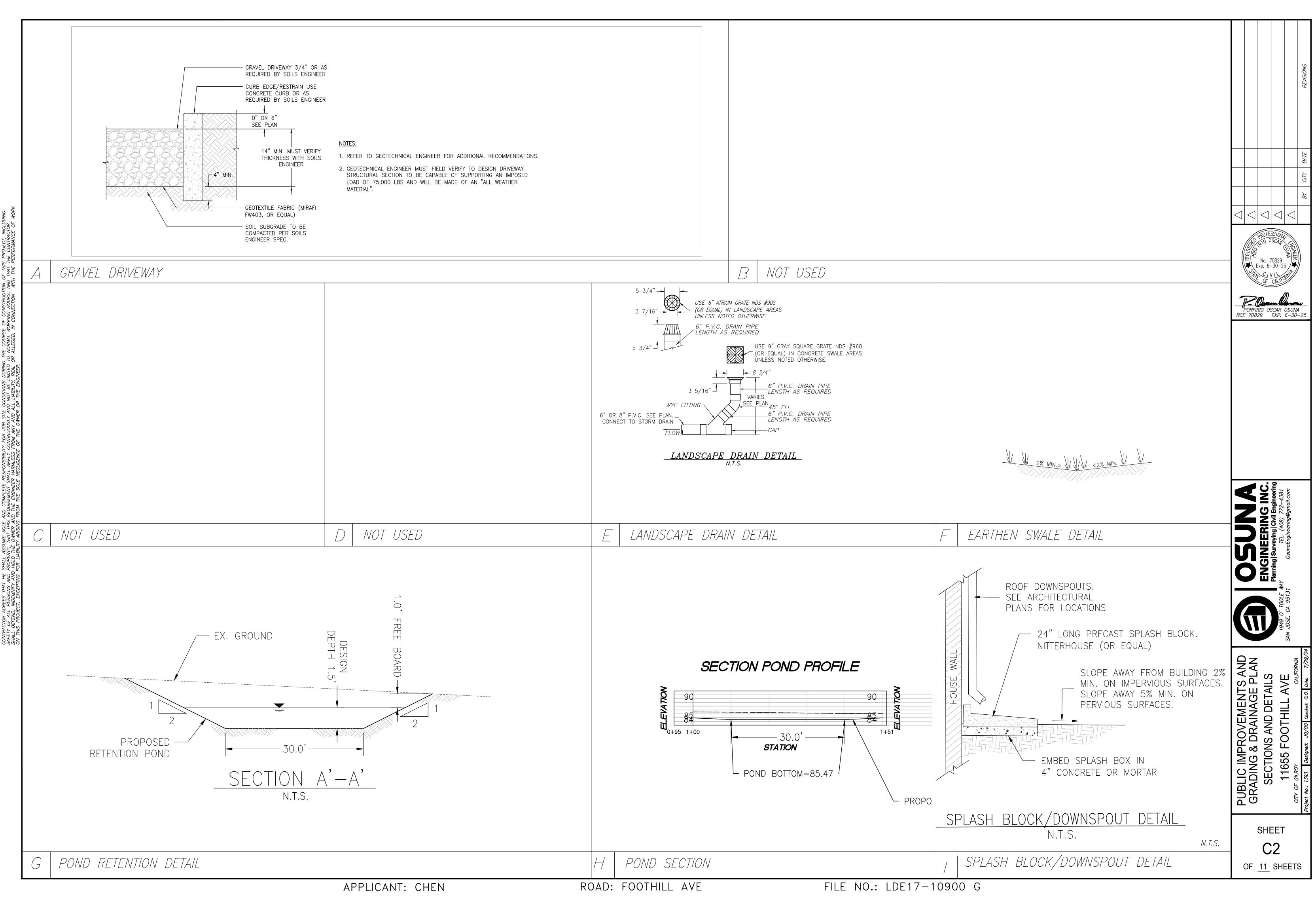
APPROVED FOR ISSUANCE REFER TO ENCROACHMENT AND/OR CONSTRUCTION PERMIT AND PLAN COVER SHEET FOR SPECIAL CONDITIONS AND PERMIT NUMBERING.

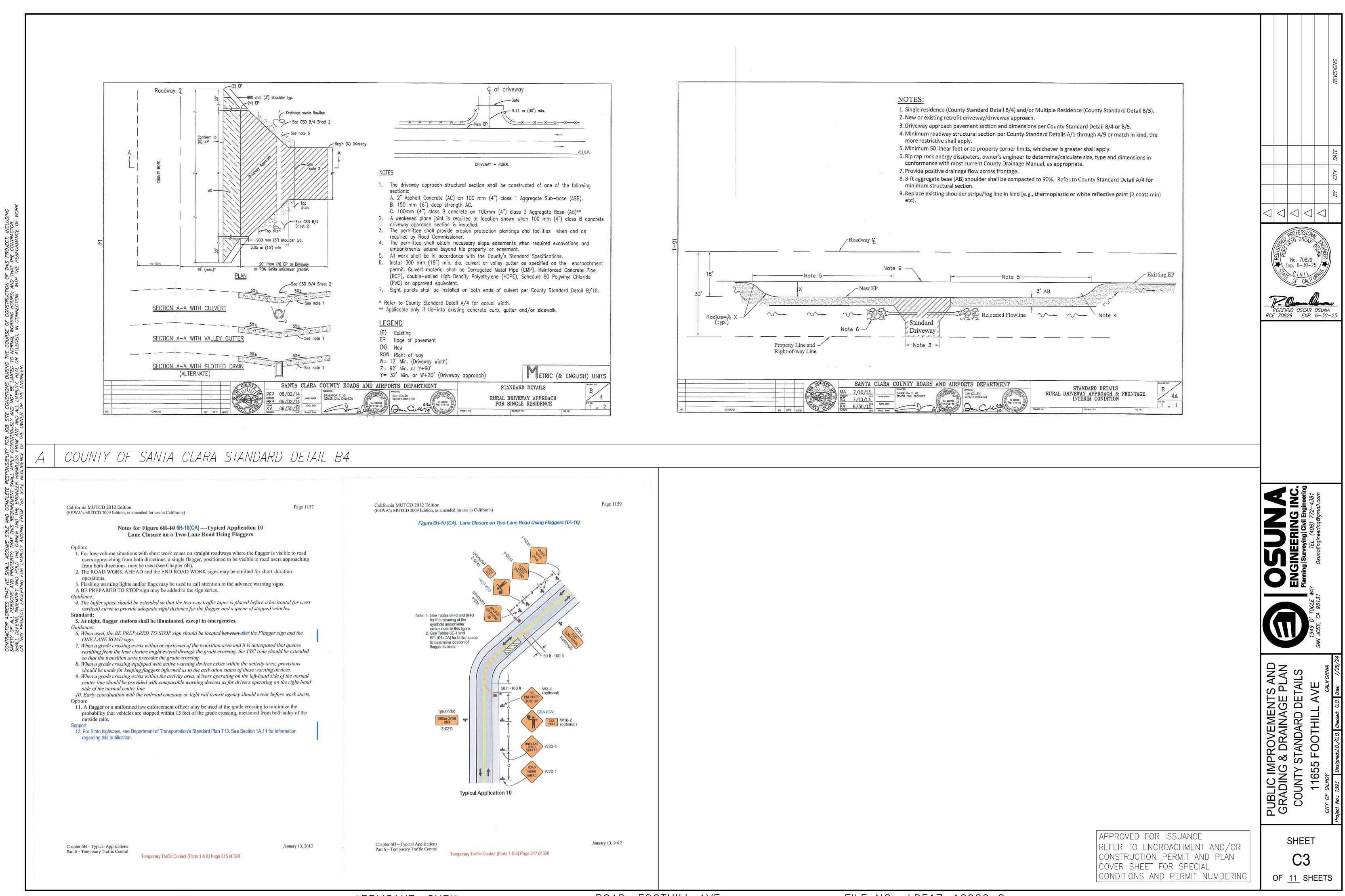
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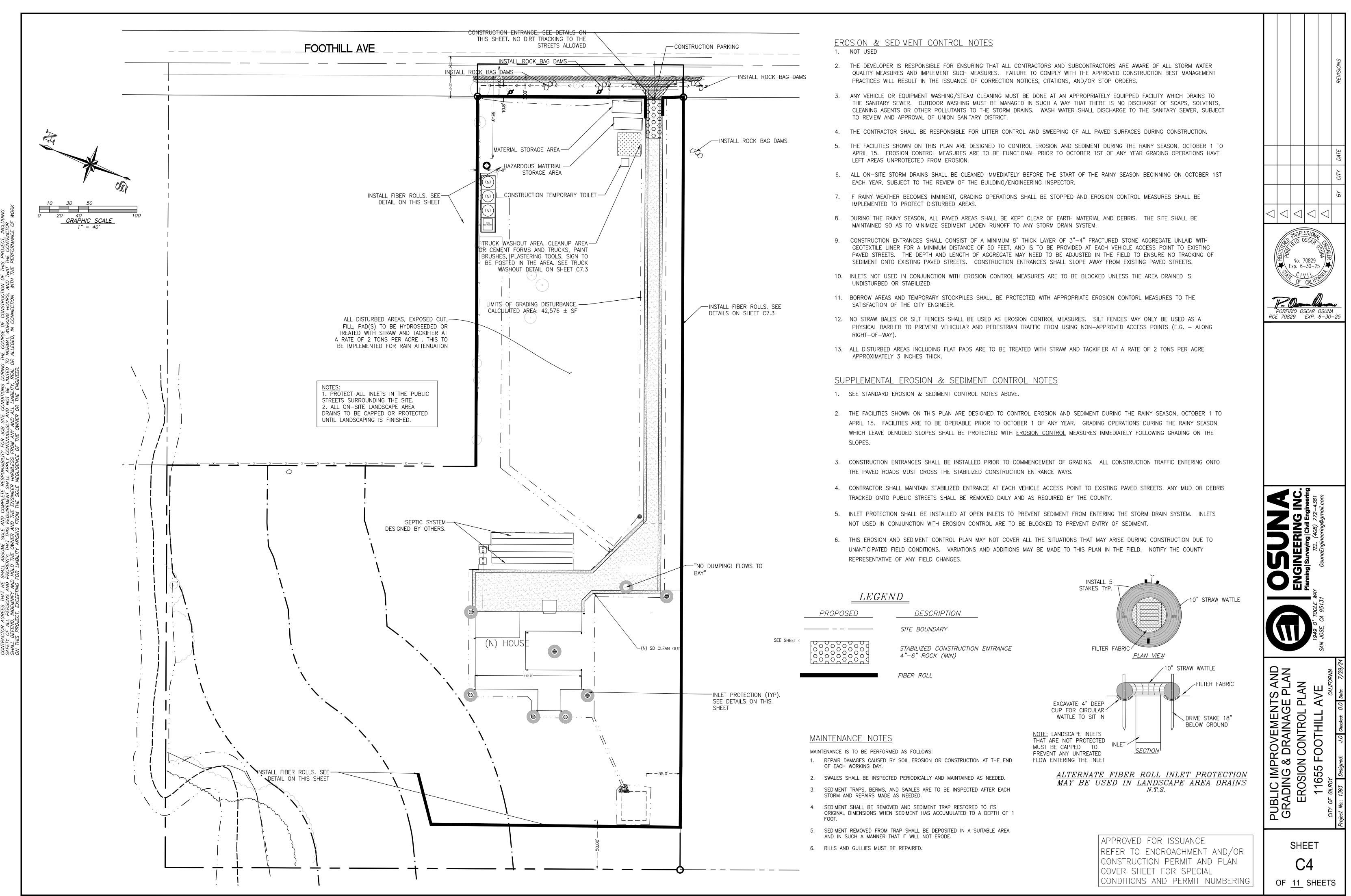


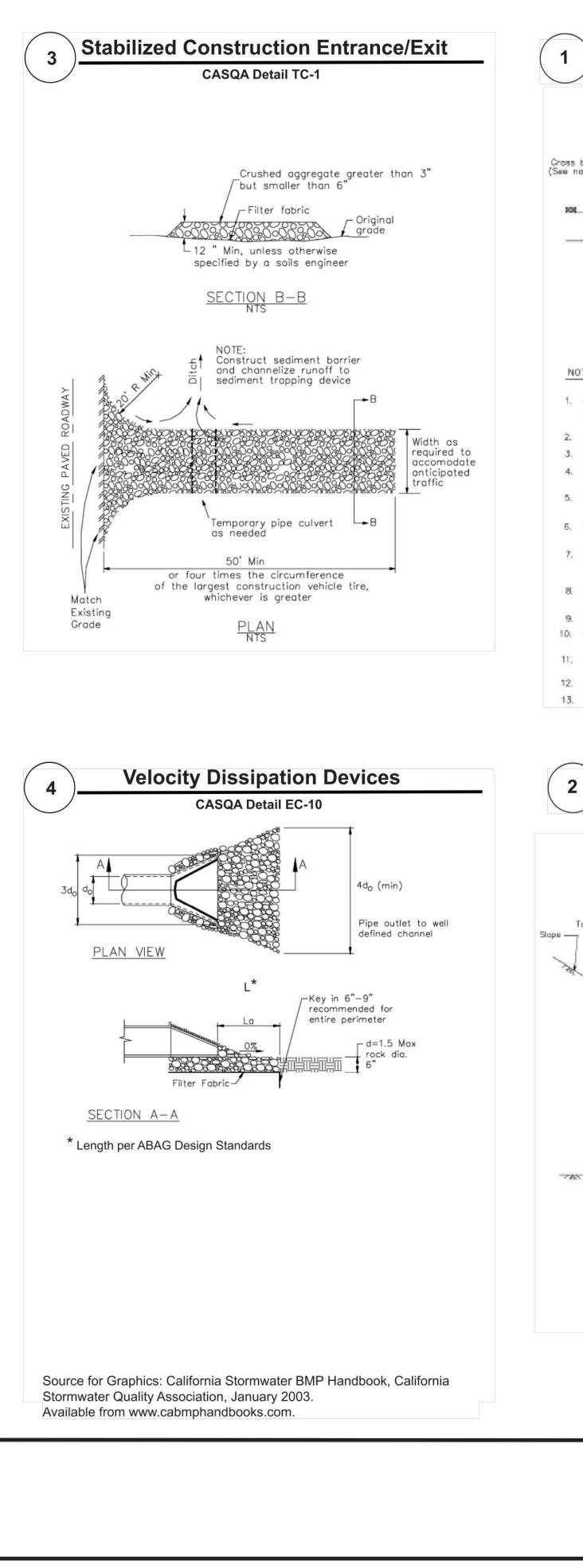


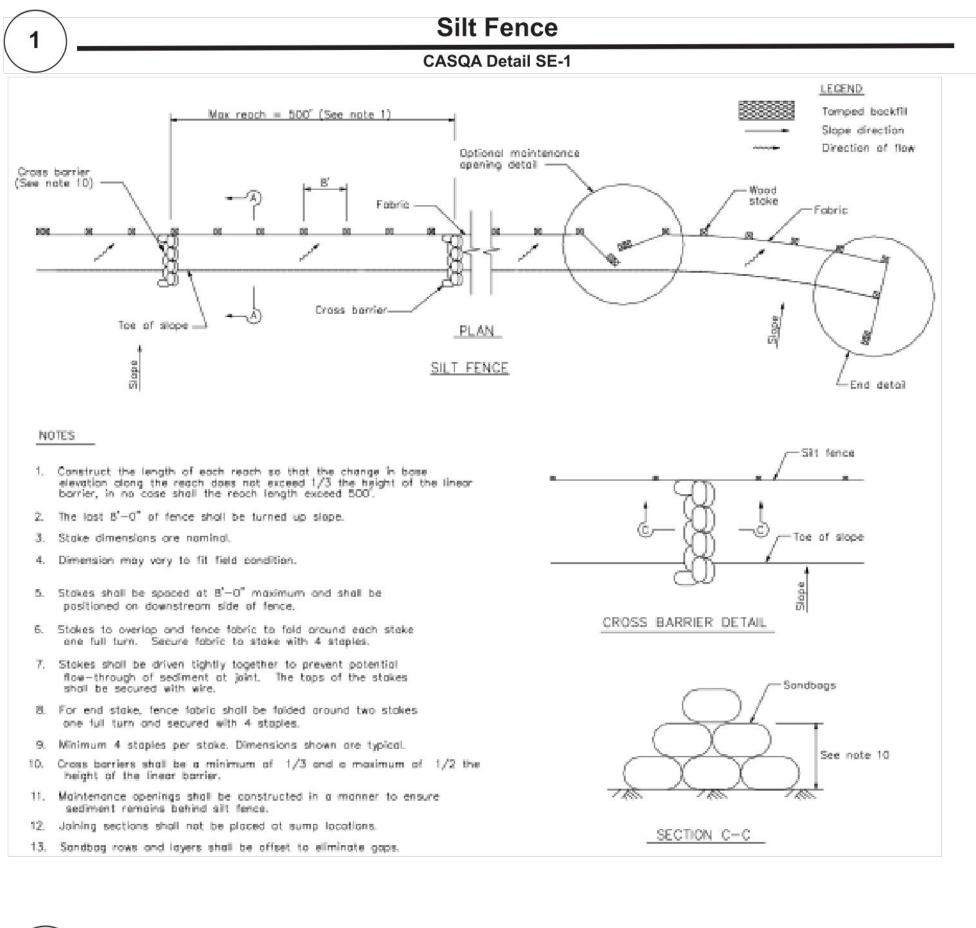
NCLUI ACTOR ICE OF THAT THAT THE ION O AND WTH NDITIONS DURING THE COURSE OF CONSTRUCT NOT BE LIMITED TO NORMAL WORKING HOURS; LIABILITY, REAL OR ALLEGED, IN CONNECTION THE ENGINEER. APPLY SHALL ASSUME SOLE AND COMPLETE RESF PROPERTY; THAT THIS REQUIREMENT SHALL HOLD THE OWNER AND THE ENGINEER HA FOR LIABILITY APISING EROM THE SOLE NET AND CONTRACTOR AGREES THAT SAFETY OF ALL PERSONS A SHALL DEFEND, INDEMNIFY ON THIS PROJECT, EXCEPTI

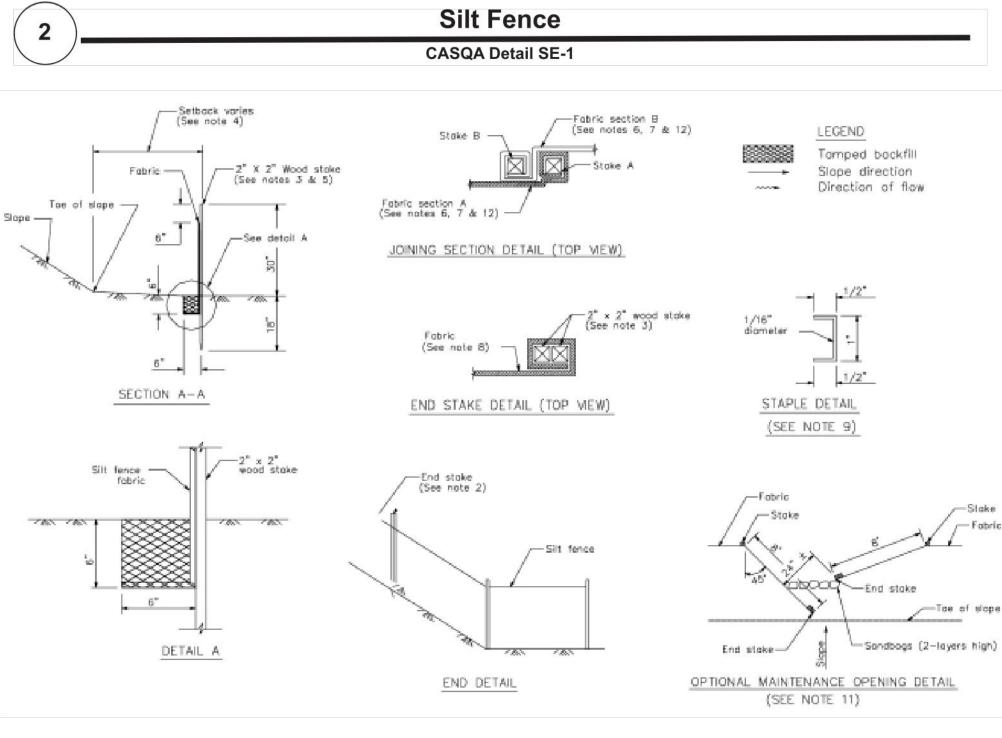








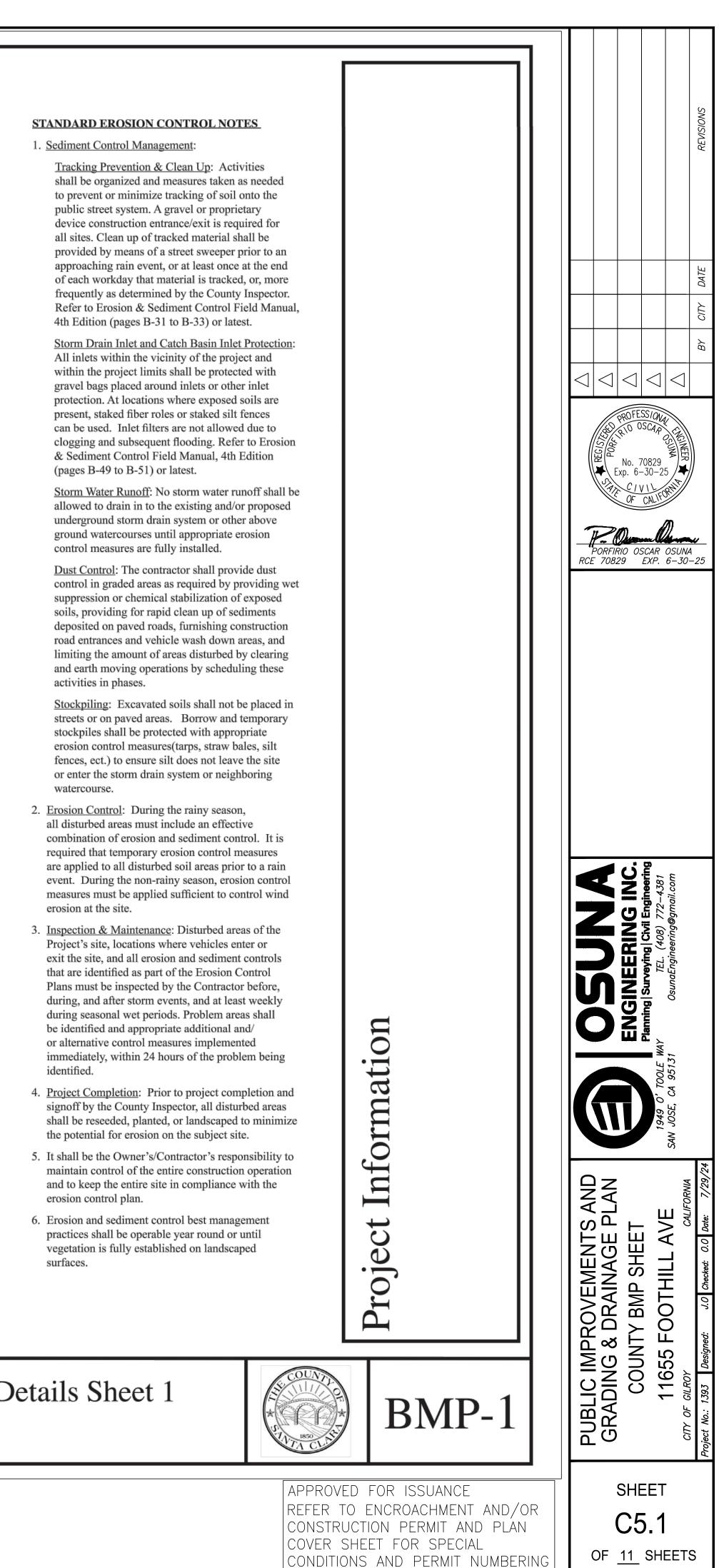


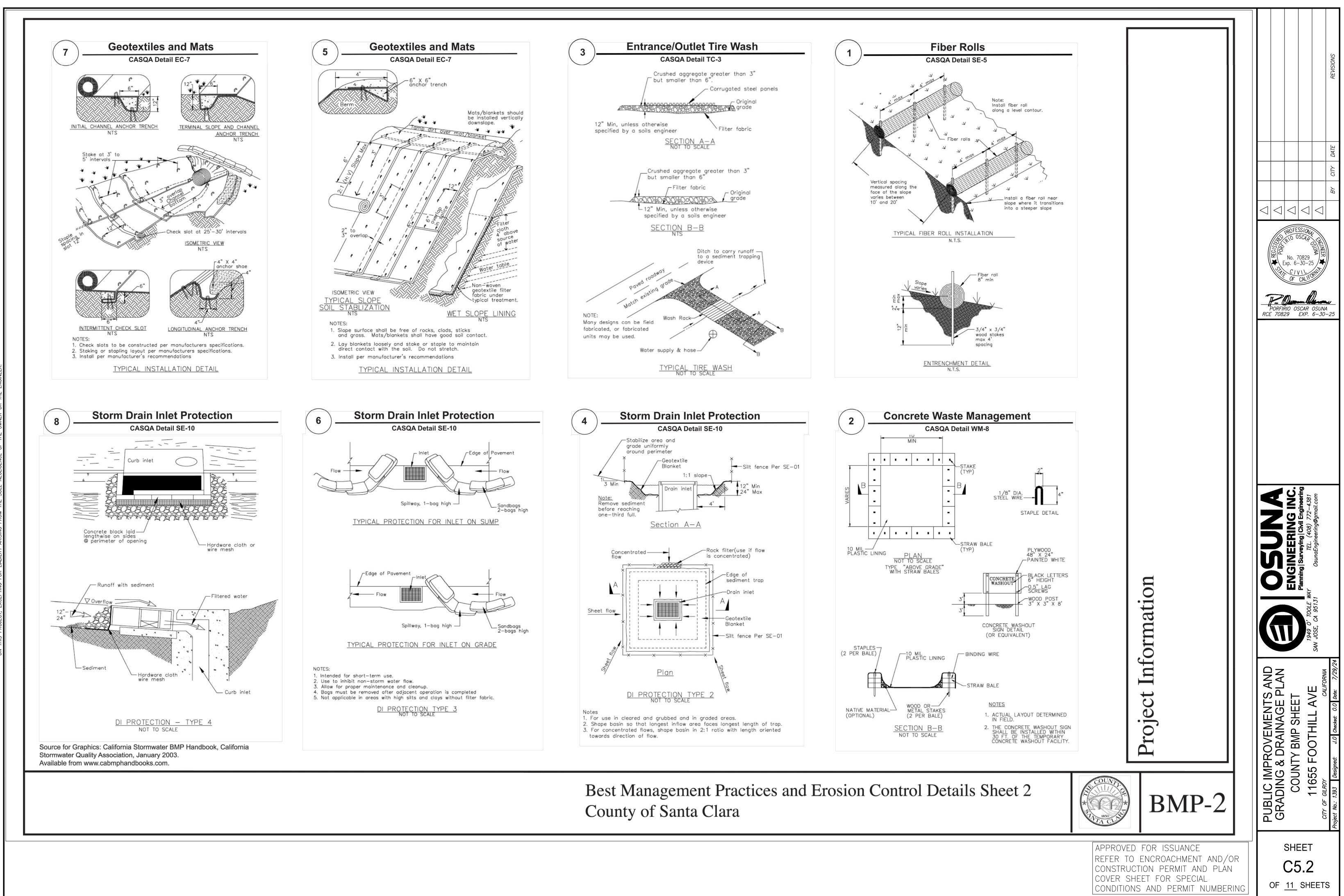


STANDARD BEST MANAGEMENT PRACTICE NOTES

- 1. 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.
- 2. <u>Hazardous Waste Management</u>: 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.
- 3. 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.
- 4. Vehicle and Construction Equipment Service and Storage: An area shall be designated for the maintenance, where onsite 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.
- 5. <u>Material Delivery, Handling and Storage</u>: 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.
- 6. 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.
- 7. 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.
- 8. 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.
- 9. <u>Sanitary/Septic Water Management</u>: 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.
- 10. 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.

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





NCE OF HAT THE ND AND HTM N.S.N HE COUR NORMAL ALLEGED 20g E A B SHALL SINE SINE SOLE AND COMPLI THIS REQUIREMEN ER AND THE ENGI ISING FROM THE PROPER AND SREES THAT PERSONS INDEMNIFY CT. EXCEPT CONTRACTOR AG SAFETY OF ALL SHALL DEFEND, ON THIS PROJEC