# COUNTY OF SANTA CLARA

#### GENERAL CONDITIONS

- ALL CONSTRUCTION WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE SOILS AND/OR GEOTECHNICAL REPORT PREPARED BY EARTH SYSTEMS PACIFIC - FILE NO .: SH-13373-SA AND DATED AUGUST 24, 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.
- 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
- 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
- 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 (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
- THESE PLANS ARE FOR THE WORK DESCRIBED IN THE SCOPE OF WORK ONLY. A SEPARATE PERMIT WILL BE REQUIRED FOR THE SEPTIC LINE CONSTRUCTION. ANY DEVIATION FROM THESE APPROVED PLANS SHALL BE RE-APPROVED IN WRITING BY THE COUNTY ENGINEER PRIOR TO CONSTRUCTION.

#### CONSTRUCTION STAKING

- THE DEVELOPER'S ENGINEER IS RESPONSIBLE FOR THE INITIAL PLACEMENT AND REPLACEMENT OF CONSTRUCTION GRADE STAKES. THE STAKES ARE TO BE ADEQUATELY IDENTIFIED, LOCATED, STABILIZED, ETC. FOR THE CONVENIENCE OF CONTRACTORS. LATERAL OFFSET OF STAKES SET FOR CURBS AND GUTTERS SHALL NOT EXCEED 2 1/2 FEET FROM BACK OF CURB
- ANY PROPERTY LINE STAKES OR ROAD MONUMENTS DISTURBED DURING CONSTRUCTION SHALL BE REPLACED BY DEVELOPER'S ENGINEER AND LICENSED LAND SURVEYOR.
- PROPERTY LINE STAKING MUST BE PERFORMED BY THE PROJECT ENGINEER OR LAND SURVEYOR TO ESTABLISH OR RE-ESTABLISH THE PROJECT BOUNDARY AND SHALL BE INSPECTED BY THE COUNTY INSPECTOR PRIOR TO THE BEGINNING OF THE WORK. PROPER CONSTRUCTION STAKES SHALL BE SET IN THE FIELD BY THE PROJECT
- ENGINEER OR LAND SURVEYOR AND VERIFIED BY THE COUNTY INSPECTOR PRIOR TO THE COMMENCEMENT OF GRADING.
- IN ACCORDANCE WITH THE CALIFORNIA PROFESSIONAL LAND SURVEYORS' ACT (BUSINESS AND PROFESSIONS CODE) CHAPTER 15 SECTIONS 8771 AND 8725.1, CALIFORNIA PENAL CODE 605, AND CALIFORNIA GOVERNMENT CODE 27581, ANY PERSON PERFORMING CONSTRUCTION ACTIVITIES THAT WILL OR MAY DISTURB AN EXISTING ROADWAY/STREET MONUMENT, PROPERTY CORNER, OR ANY OTHER PERMANENT SURVEYED MONUMENT AND/OR AS SHOWN ON THIS TENTATIVE MAP SHALL ENSURE THAT A CORNER RECORD AND/OR RECORD OF SURVEY ARE FILED WITH THE OCUNTY SURVEYOR OFFICE PRIOR TO DISTURBING SAID MONUMENTS. ALL DISTURBED OR DESTROYED MONUMENTS SHALL BE RESET AND FILED IN COMPLIANCE WITH SECTION 15. WDID NO. N/A

#### 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 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. DFVELOPER 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 COMMENCEMENT OF THE BUILDING FOUNDATION.

#### SITE PREPARATION (CLEARING AND GRUBBING)

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

## <u>UTILITY LOCATION, TRENCHING & BACKFILI</u>

- 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
- 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
- BACKFILL AND TRENCH RESTORATION REQUIREMENTS SHALL APPLY AS MINIMUM STANDARDS TO ALL UNDERGROUND FACILITIES INSTALLED BY OTHER FIRMS OR PUBLIC

- 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
- 2. SEGMENTAL BLOCK RETAINING WALLS SHALL HAVE FOUNDATION AND REINFORCEMENT INSPECTED BY THE COUNTY ENGINEERING INSPECTOR.

<u>RETAINING WALLS</u>

- 1. 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 8" BEFORE FILL IS PLACED. WHERE NATURAL GROUND IS STEEPER THAN 5:1, IT SHALL BE BENCHED AND THE FILL KEYED IN TO ACHIEVE STABILITY. WHERE NEW FILL IS TO BE PLACED ON EXISTING FILL THE EXISTING FILL SHALL BE REMOVED UNTIL MATERIAL COMPACTED TO 90% RELATIVE COMPACTION IS EXPOSED. THEN THE NEW FILL MATERIAL SHALL BE PLACED AS PER THESE CONSTRUCTION NOTES. FILL MATERIAL SHALL BE PLACED IN UNIFORM LIFTS NOT EXCEEDING 6" IN UNCOMPACTED THICKNESS. BEFORE COMPACTION BEGINS, THE FILL SHALL BE BROUGHT TO A WATER CONTENT THAT WILL PERMIT PROPER COMPACTION BY EITHER 1) AERATING THE FILL IF IT IS TOO WET OR 2) 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. 2. EXCESS CUT MATERIAL SHALL NOT BE SPREAD OR STOCKPILED ON THE SITE.
- 3. 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.
- 5. THE UPPER 8" 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.

LOCATION	CUT (C.Y.)	FILL (C.Y.)	VERT. DEPTH
RESIDENCE	±62	±21	±3.7
CARPORT	0	±2	±0.5
DRIVEWAY	±2	±46	±0.5
WATER TANK PAD	±5	0	±2.5
SUB-EX AND RECOMPACT (OUTSIDE BUILDING)	±225	±225	±2.5
TOTAL	±294	±294	

- NOTE: FILL VOLUMES INCLUDE 10% SHRINKAGE.
- EXCESS MATERIAL SHALL BE OFF HAULED TO A COUNTY APPROVED DUMP SITE. 7. NOTIFY SOILS ENGINEER TWO (2) DAYS PRIOR TO COMMENCEMENT OF ANY GRADING WORK TO COORDINATE THE WORK IN THE FIELD.
- 8. ALL MATERIALS FOR FILL SHOULD BE APPROVED BY THE SOILS ENGINEER BEFORE IT IS BROUGHT TO THE SITE.
- 9. THE UPPER 8" 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 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. 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 11,593 SF.
- 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 DEVELOPMENT ON SITE, THE TREES SHALL BE PROTECTED BY THE PLACEMENT OF RIGID TREE PROTECTIVE FENCING, CONSISTENT WITH THE 19. EROSION CONTROL PLAN IS A GUIDE AND SHALL BE AMENDED AS NECESSARY TO PREVENT COUNTY INTEGRATED LANDSCAPE GUIDELINES, AND INCLUDE THE FOLLOWING: A. 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. 2. PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION ACTIVITY, TREE PROTECTIVE FENCING SHALL BE SECURELY IN PLACED AND INSPECTED BY THE LAND DEVELOPMENT ENGINEERING INSPECTOR. 3. SEE EXISTING TREE PROTECTION DETAILS FOR MORE INFORMATION.

#### ACCESS ROADS AND DRIVEWAYS

SUPPORTING LOADS OF UP TO 75,000 LBS.

- 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).
- 2. 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
- 3. 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.
- 5. 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.. 6. DRIVEWAY SHALL MEET THE "ALL WEATHER" DRIVABLE SURFACE CAPACITY - CAPABLE OF

## STREET LIGHTING

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

- SANITARY SEWER 1. THE SANITARY SEWER AND WATER UTILITIES SHOWN ON THESE PLANS ARE NOT PART OF THIS GRADING PERMIT AND ARE SHOWN FOR REFERENCE ONLY.
- 2. 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.

APPLICANT: MOORE

#### PORTLAND CEMENT CONCRETE

1. 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

- 1. 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
- 3. 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. 4. 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. 5. SWEEP STREETS DAILY (WITH WATER SWEEPERS) IF VISIBLE SOIL MATERIAL IS CARRIED ONTO ADJACENT PUBLIC STREETS. THE USE OF DRY POWDER SWEEPING IS PROHIBITED.
- 6. ALL CONSTRUCTION VEHICLES, EQUIPMENT AND DELIVERY TRUCKS SHALL HAVE A MAXIMUM IDLING TIME OF 5 MINUTES (AS REQUIRED BY THE CALIFORNIA AIRBORNE TOXIC CONTROL MEASURE TITLE 13, SECTION 2485 OF CALIFORNIA CODE OF REGULATIONS (CCR)). ENGINES SHALL BE SHUT OFF IF CONSTRUCTION REQUIRES LONGER IDLING TIME UNLESS NECESSARY
- FOR PROPER OPERATION OF THE VEHICLE. 7. ALL VEHICLE SPEEDS ON UNPAVED ROADS SHALL BE LIMITED TO 15 MILES PER 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

- 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

TO OPERATION.

- B. 5 MINUTES MAXIMUM IDLING TIME OF VEHICLES C. 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
- 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.
- 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

16. THE OWNER SHALL PREPARE AND PRESENT A WINTERIZATION REPORT TO THE COUNTY

INSPECTOR FOR REVIEW PRIOR TO OCTOBER 15TH OF EVERY YEAR.

- FOLLOWING; A. PREVENTION OF POLLUTANTS IN STORM WATER DISCHARGES FROM THE CONSTRUCTION SITE AND THE CONTRACTOR'S MATERIAL AND EQUIPMENT LAYDOWN / STAGING AREAS.
- B. PREVENTION OF TRACKING OF MUD, DIRT, AND CONSTRUCTION MATERIALS ONTO THE PUBLIC ROAD RIGHT-OF-WAY. C. PREVENTION OF DISCHARGE OF WATER RUN-OFF DURING DRY AND WET WEATHER
- CONDITIONS ONTO THE PUBLIC ROAD RIGHT-OF-WAY. 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. 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 BE NECESSARY. FAILURE TO INSTALL SITE SITE AND SITUATIONALY APPROPRIATE EROSION CONTROL MEASURES MAY RESULT IN VIOLATIONS,

## 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. 2. 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. 3. WHERE CULVERTS ARE INSTALLED THE DEVELOPER SHALL BE RESPONSIBLE FOR GRADING THI OUTLET DITCH TO DRAIN TO AN EXISTING SWALE OR TO AN OPEN AREA FOR SHEET FLOW. 4. 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

FINES, AND A STOPPAGE OF WORK.

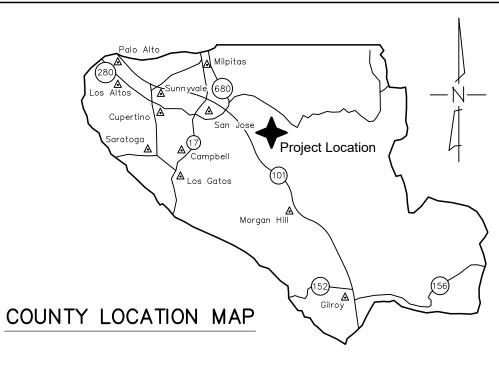
THIS IS A TRUE COPY OF THE AS-BUILT PLANS. THERE (\_\_\_ WERE) (\_\_\_ WERE NOT) MINOR FIELD CHANGES - MARKED WITH THE SYMBOL (^). THERE (\_\_\_WERE) (\_\_\_ WERE NOT) PLAN REVISIONS INDICATING SIGNIFICANT CHANGES REVIEWED BY THE COUNTY ENGINEER AND MARKED WITH THE SYMBOL  $\triangle$ .

DATE	_ SIGNATURE		
NOTE: THIS STATEMENT IS TO	D BE SIGNED BY THE PERSON	AUTHORIZED BY THE COUNTY E	ENGINEE
PERFORM THE INSPECTION WO	ORK. A REPRODUCIBLE COPYOF	F THE AS-BUILT PLANS MUST E	3E

#### GEOTECHNICAL ENGINEER OBSERVATION

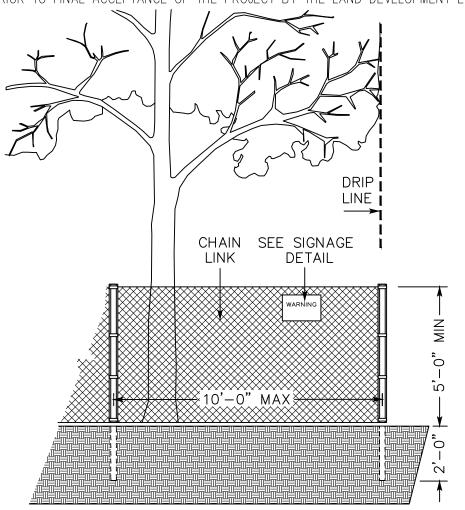
FURNISHED TO THE COUNTY ENGINEER AFTERCONSTRUCTION.

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.



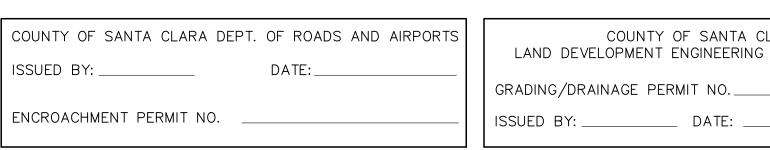
#### SURVEY MONUMENT PRESERVATION

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



#### EXISTING TREE PROTECTION DETAILS

- 1. 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.
- 2. 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.
- 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.



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

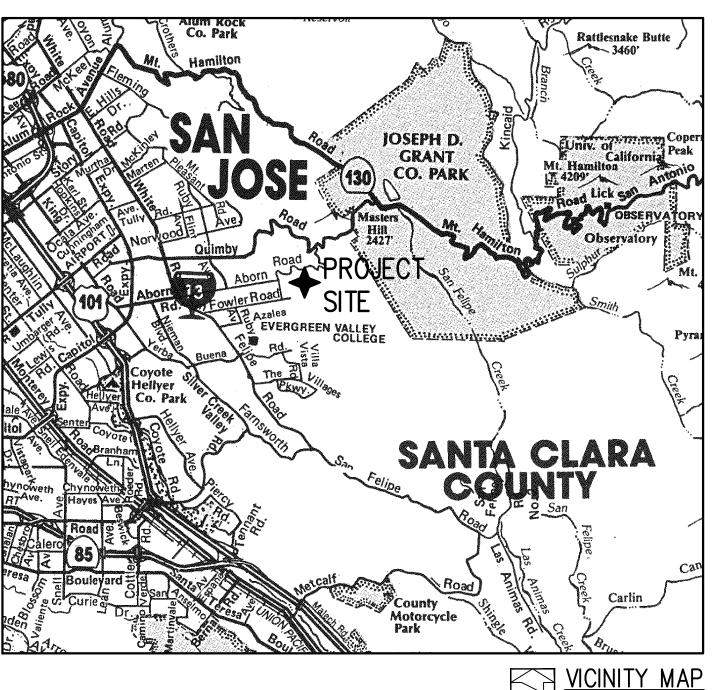
I HEARBY STATE THAT THESE PLANS ARE IN COMPLIANCE WITH ADOPTED COUNTY STANDARDS, THE APPROVED TENTATIVE MAR (OR PLAN) AND CONDITIONS OF APPROVAL PERTAINING THERETO DATED FILF(S) NO OFESS/O

AND CONDITIONS OF AFFICOARE FERTAINING THERETO DATED	1166(3) 110.	PROMA
DATE	69278 R.C.E. NO.	- NOT MOST RESERVED
	,,,,,, <u>,</u> ,	MA NO. 69278 PER NEES
COLUMNITY ENGINEERS NOTE		- \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\

#### 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	
	DARRELL K.H. WONG
	R.C.E. NO. 63958
	EXPIRES 9/30/22



#### SCOPE OF WORK

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

#### UNDER SEPARATE PERMITS

COUNTY OF SANTA CLARA

LAND DEVELOPMENT ENGINEERING & SURVEYING

CONSTRUCT DRIVEWAY

- INSTALL WATER METER (ABORN WATER MUTUAL COMPANY)
- FURNISH & INSTALL PRESSURIZED WHARF FIRE HYDRANT ON-SITE WATERWATER TREATMENT SYSTEM

#### SHEET INDEX

	1	COVER SHEET
	2	SITE PLAN
	3	PRELIMINARY GRADING & DRAINAGE PLA
	4	SECTIONS
	5	DETAILS, NOTES, ABBREVIATIONS,
1		LEGEND & TRAFFIC CONTROL
	6	EROSION CONTROL PLAN

BMP1&2 BEST MANAGEMENT PRACTICES

ENGINEER'S NAME: \_HANNA & BRUNETTI ADDRESS: 7651 EIGLEBERRY STREET, GILROY CA 95020

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

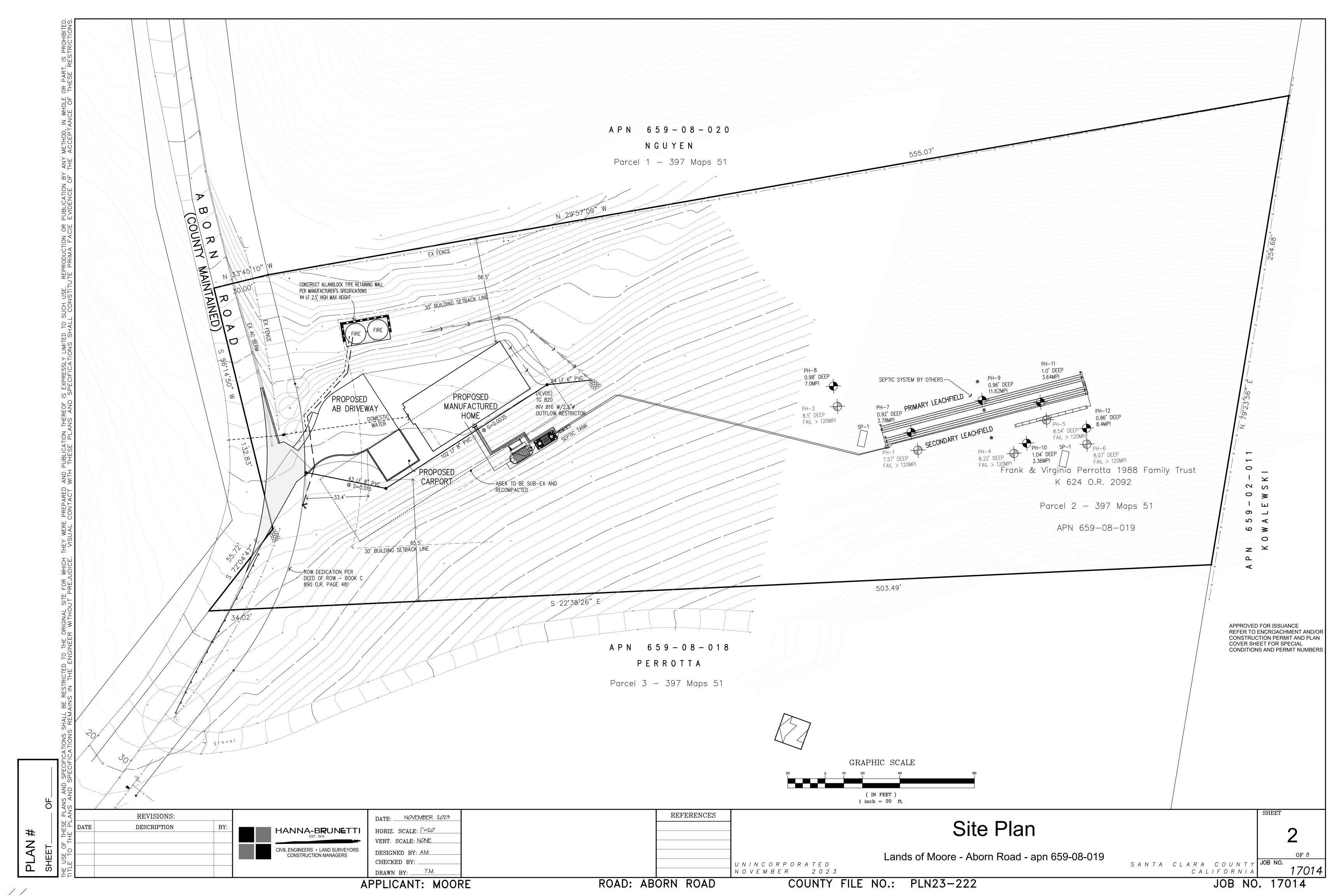
PRELIMINARY IMPROVEMENT PLANS

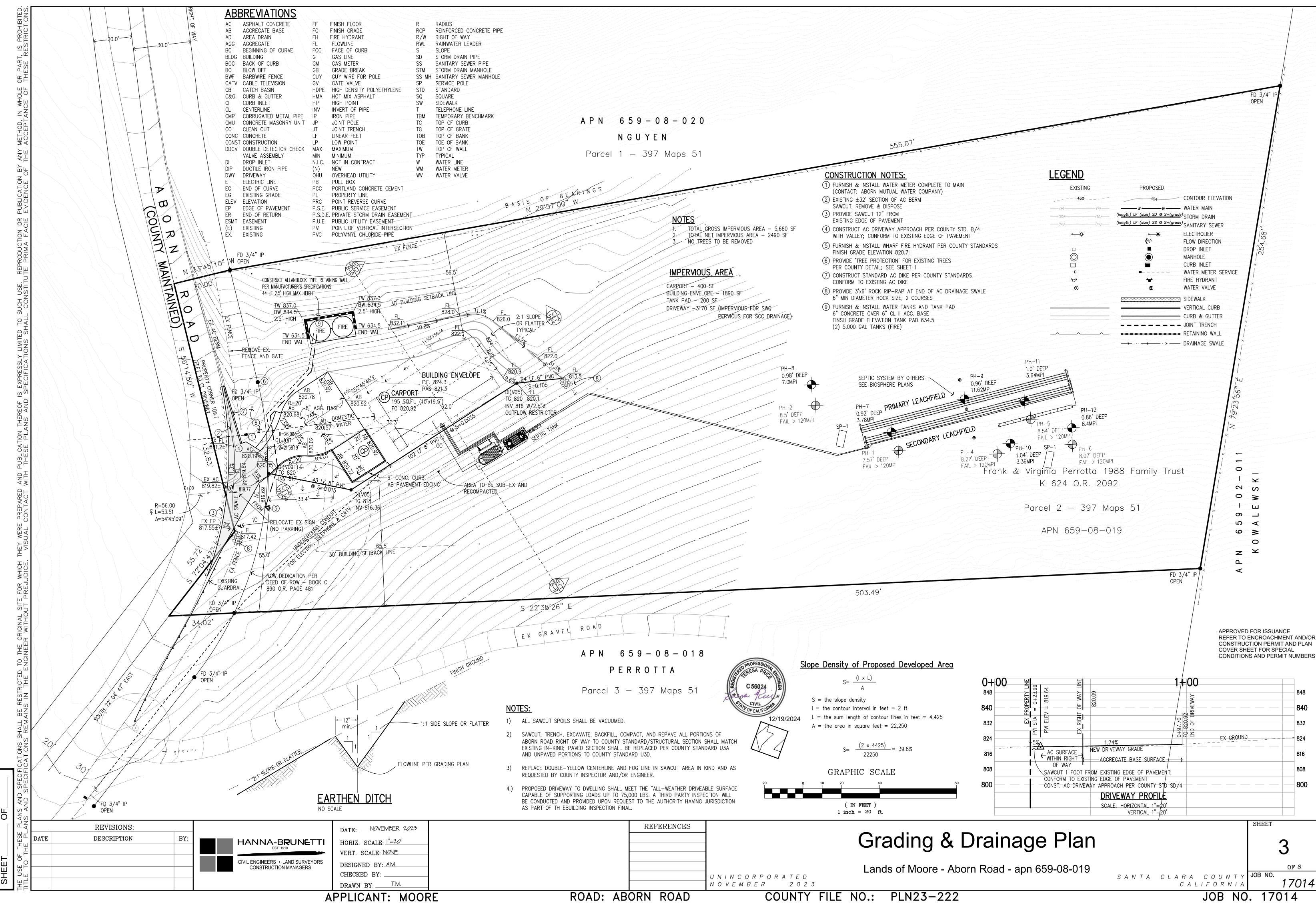
FOR THE HOME GRADING AND DRAINAGE ON THE LANDS OF MOORE ABORN ROAD, SAN JOSE

BEING A PORTION OF LOT 4 IN THE M. SHOBLO TRACT RECORDED IN BOOK F1 OF MAPS. AT PAGE 44 ALL OF PARCEL 2 AS SHOWN IN THE PARCEL MAP RECORDED IN BOOK 397 OF MAPS, PAGE 51 ON JUNE 1, 1977 SANTA CLARA COUNTY, CALIFORNIA A.P.N.: 659-08-019

**NOVEMBER 2017** NO SCALE Revision 1 Date 659-08-019 Date Revision 2 evision 3 Date PLN23-222

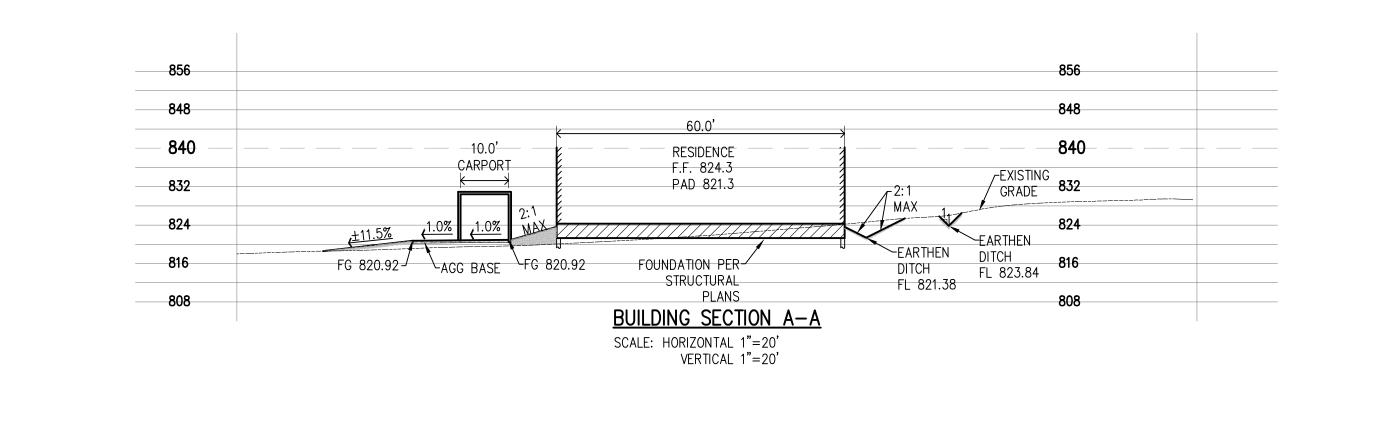
COUNTY FILE NO.: PLN23-222 JOB NO. 17014 ROAD: ABORN ROAD

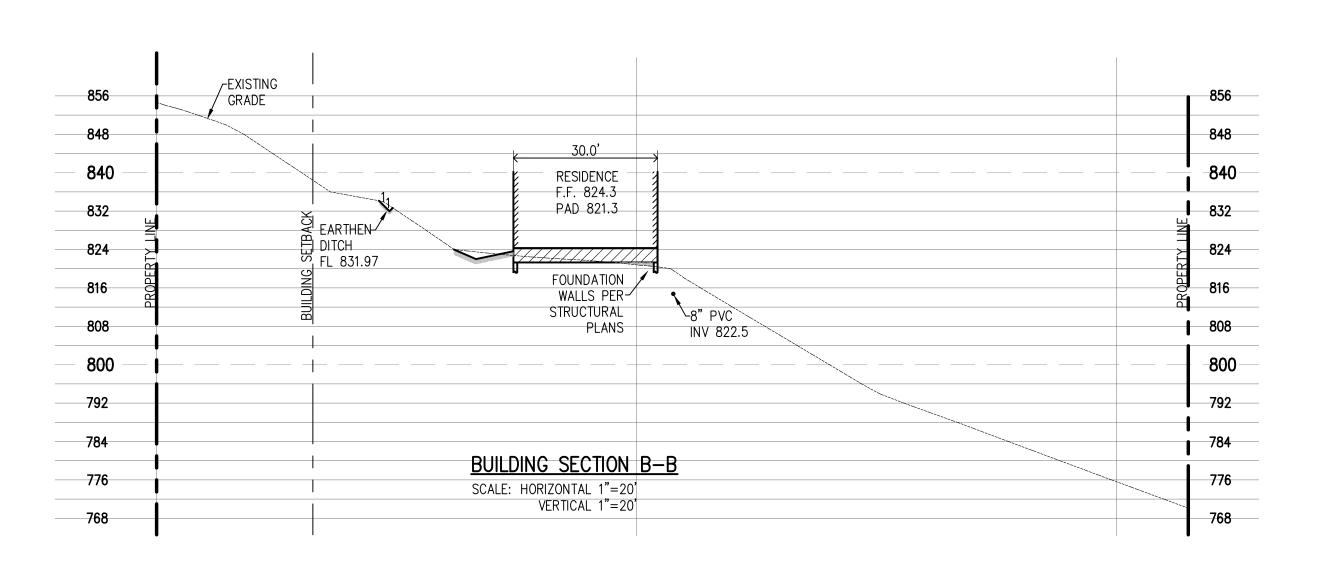


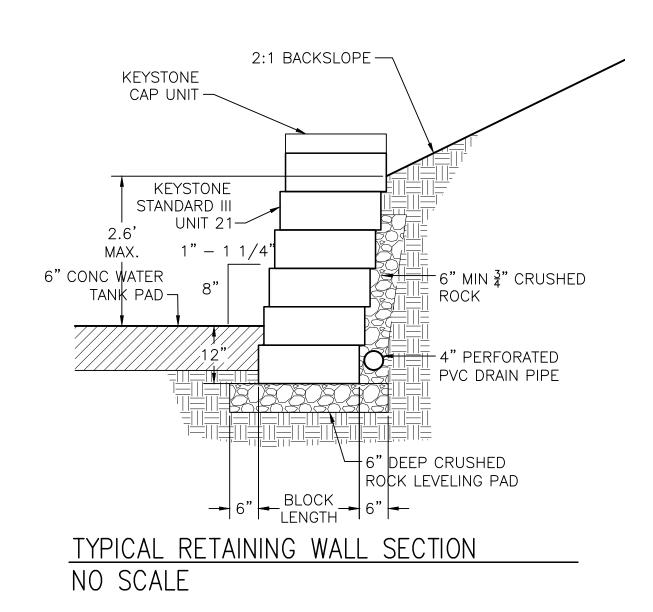


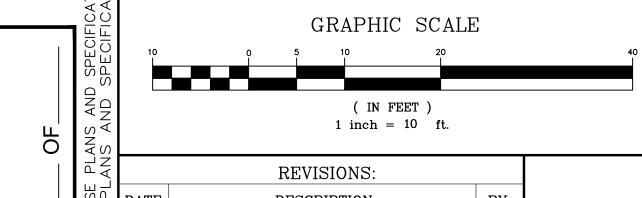
COUNTY FILE NO.: PLN23-222

JOB NO. 17014









DESCRIPTION HANNA-BRUNETTI CIVIL ENGINEERS • LAND SURVEYORS CONSTRUCTION MANAGERS

DATE: NOVEMBER 2013 HORIZ. SCALE:  $||''=|\mathcal{O}|$ VERT. SCALE: NONE DESIGNED BY: A.M. CHECKED BY: DRAWN BY: \_\_\_\_\_TM.

REFERENCES

UNINCORPORATED NOVEMBER 2023 Sections

Lands of Moore - Aborn Road - apn 659-08-019

SANTA CLARA COUNTY JOB NO. CALIFORNIA

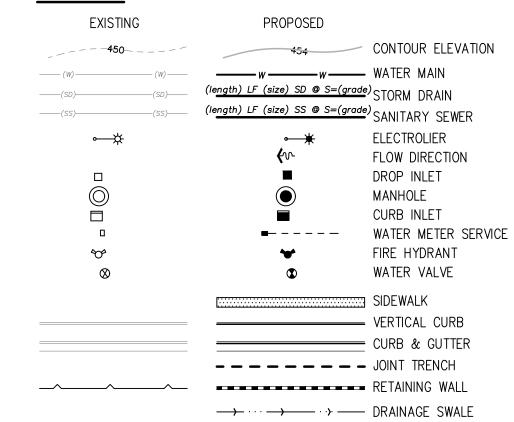
ON SLOPES 20 PERCENT OR GREATER NO SCALE

6" DIA. MIN. ROCK SIZE— 2 COURSES

#### **ABBREVIATIONS**

<u>//DL</u>					
AC AB AD AGG BC BLDG BOC	ASPHALT CONCRETE AGGREGATE BASE AREA DRAIN AGGREGATE BEGINNING OF CURVE BUILDING BACK OF CURB	FF FG FH FL FOC G GM GB	FINISH FLOOR FINISH GRADE FIRE HYDRANT FLOWLINE FACE OF CURB GAS LINE GAS METER GRADE BREAK	R RCP R/W RWL S SD SS STM	RADIUS REINFORCED CONCRETE PIPE RIGHT OF WAY RAINWATER LEADER SLOPE STORM DRAIN PIPE SANITARY SEWER PIPE STORM DRAIN MANHOLE
BWF CATV	BLOW OFF BARBWIRE FENCE CABLE TELEVISION CATCH BASIN	CUY GV	GUY WIRE FOR POLE GATE VALVE	SS MH	SANITARY SEWER MANHOLE SERVICE POLE
CB	CATCH BASIN	HDPE	LICH DENCITY DOLVETHYLENE	CTD	STANDARD
C&G	CURB & GUITER	HMA	HOT MIX ASPHALT HIGH POINT INVERT OF PIPE IRON PIPE JOINT POLE JOINT TRENCH LINEAR FEET LOW POINT MAXIMUM MINIMUM NOT IN CONTRACT	SQ	SQUARE
CI CL	CURB INLET CENTERLINE	HP INV	INVERT OF PIPE	SW T	SIDEWALK TELEPHONE LINE
CMP	CORRUGATED METAL PIPE	IP	IRON PIPE	TBM	TEMPORARY BENCHMARK
CMU	CONCRETE MASONRY UNIT	IP JP	JOINT POLE	TC	TOP OF CURB
CO	CLEAN OUT CONCRETE	JT	JOINT TRENCH	TG	TOP OF GRATE
CONC	CONCRETE CONSTRUCTION	LF	LINEAR FEET	TOB TOE	TOP OF BANK TOE OF BANK
	DOUBLE DETECTOR CHECK	MAX	MAYIMI IM	TW	TOP OF WALL
DDCV	VALVE ASSEMBLY	MIN	MINIMUM	TYP	TYPICAL
DI	VALVE ASSEMBLY DROP INLET	N.I.C.	NOT IN CONTRACT NEW	W	WATER LINE
DIP	DUCTILE IRON PIPE DRIVEWAY ELECTRIC LINE END OF CURVE EXISTING GRADE	(N)	NEW	WM	WATER METER
DWY	DRIVEWAY	ÒHÚ	OVERHEAD UTILITY	WV	WATER VALVE
Ε	ELECTRIC LINE	PB	PULL BOX		
EC	END OF CURVE	PCC	PORTLAND CONCRETE CEMENT		
EG	EXISTING GRADE	PL	PROPERTY LINE		
FIFV	ELEVATION	PRC	POINT REVERSE CURVE		
EP	EDGE OF PAVEMENT	P.S.E.	PUBLIC SERVICE EASEMENT		
ER	END OF RETURN	P.S.D.E.	PUBLIC SERVICE EASEMENT . PRIVATE STORM DRAIN EASEMENT PUBLIC UTILITY EASEMENT		
ESMT (E)	EASEMENT EXISTING	P.U.E. PVI	POINT OF VERTICAL INTERSECTION		
EX.	EXISTING	PVC	POLYVINYL CHLORIDE PIPE		

# <u>LEGEND</u>



## NOTES:

- 1) ALL SAWCUT SPOILS SHALL BE VACUUMED.
- 2) SAWCUT, TRENCH, EXCAVATE, BACKFILL, COMPACT, AND REPAVE ALL PORTIONS OF ABORN ROAD RIGHT OF WAY TO COUNTY STANDARD/STRUCTURAL SECTION SHALL MATCH EXISTING IN-KIND; PAVED SECTION SHALL BE REPLACED PER COUNTY STANDARD U3A AND UNPAVED PORTIONS TO COUNTY STANDARD U3D.
- 3) REPLACE DOUBLE-YELLOW CENTERLINE AND FOG LINE IN SAWCUT AREA IN KIND AND AS REQUESTED BY COUNTY INSPECTOR AND/OR ENGINEER.
- 4.) PROPOSED DRIVEWAY TO SECONDARY DWELLING SHALL MEET THE "ALL-WEATHER DRIVEABLE SURFACE CAPABLE OF SUPPORTING LOADS UP TO 75,000 LBS. A THIRD PARTY INSPECTION WILL BE CONDUCTED AND PROVIDED UPON REQUEST TO THE AUTHORITY HAVING JURISDICTION AS PART OF TH EBUILDING INSPECTION FINAL.

APPLICANT: MOORE

ROAD: ABORN ROAD

COUNTY FILE NO.: PLN23-222

17014 JOB NO. 17014

OF 8

#### **PROJECT NOTES:**

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

#### NOTE TO CONTRACTOR

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

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

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

#### CONTRACTOR TO VERIFY:

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

SEE SOILS REPORT AND/OR STRUCTURAL PLANS TO DETERMINE THE ELEVATION

OF THE BUILDING FINISH FLOOR AND PAD.

#### **BASIS OF BEARINGS:**

THE BEARINGS SHOWN ON THESE PLANS ARE BASED ON THE RECORDED PARCEL MAP IN BBOK 397 OF MAPS, AT PAGE 51; DATED JUNE 1st, 1977. THE COMMON PROPERTY LINE BETWEEN PARCELS 1 AND 2 WITH A BEARING OF NORTH 29°57'00" WEST.

## FLOOD ZONE STATEMENT:

FLOOD INSURANCE RATE MAP COMMUNITY PANEL NUMBER: 06085C0259H MAP REVISED: MAY 18, 2009

PROJECT LOCATED IN ZONE D AREAS OF UNDETERMINED, BUT POSSIBLE FLOOD HAZARDS

**REVISIONS:** 

DESCRIPTION

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

#### **BENCHMARK:**

HANNA-B**R**UN**E**TTI

CIVIL ENGINEERS • LAND SURVEYORS

BENCHMARK ID: BM804 ORGANIZATION: SANTA CLARA VALLEY WATER DISTRICT ELEVATION: 208.30 FEET (NAVD88) CHISELED SQUARE CUT, 10 FEET EAST OF WESTERLY CURB RETURN AT NORTHWEST CORNER OF SOUTH WHITE ROAD AND ABORN ROAD, OPPOSITE TO FIRE HYDRANT. CITY OF SAN JOSE.

COUNTY A SEPERATED PERMIT SHALL BE REQUIRED.

## DATE: NOVEMBER 2013 HORIZ. SCALE: $\frac{1''=20'}{1}$ VERT. SCALE: NONE DESIGNED BY: A.M. CHECKED BY:

# REFERENCES UNINCORPORATED NOVEMBER

Notes, Details, Abbreviations, Legend & Traffic Control

Part 6 - Temporary Traffic Control

COUNTY FILE NO.: PLN23-222

Lands of Moore - Aborn Road - apn 659-08-019

SANTA CLARA COUNTY JOB NO. CALIFORNIA

NOTES: 1. ALL NEW UTILITIES SHALL BE INSTALLED ON CUT SIDE OF NEW ROAD IN HILLSIDE AREA.

2. ALL NEW UTILITIES ARE TO BE INSTALLED BELOW ANY EXISTING CULVERTS.

3. RELATIVE COMPACTION FOR CLASS 2 A.B. SHALL BE NO - EXISTING NATIVE MATERIAL LESS THAN 90%. EACH LAYER SHALL NOT EXCEED 150 (6") IN THICKNESS. CONTROLLED LOW-STRENGTH MATERIAL (<300 PSI) (e.g., 2-SACK SLURRY, CONTROLLED DENSITY FILL, FLOWABLE FILL, ETC) MAY BE USED IN LIEU 4. TRENCH BACKFILL SHALL CONFORM TO SECTION 19 OF THE CURRENT SANTA CLARA COUNTY STANDARD SPECIFICATIONS. COMPACTION SHALL BE NO LESS THAN 90% OR PER MILITY'S CURRENT STANDARD REQUIREMENTS. - 300mm (12") CLASS 2 AGGREGATE BASE (SEE NOTE 3) 5. NO OPEN—CUT OF EXPRESSWAY SHALL BE ALLOWED UNLESS APPROVED BY THE ROAD COMMISSIONER. OTHER CONDITIONS SHALL APPLY TO EXPRESSWAY 914mm (36") MIN. ENCROACHMENTS. COUNTY ORDINANCE CO. N-703.9 REQUIRES PAYMENT OF TRENCH CUT FEES AS OFFSET FOR DAMAGE TO PAVEMENT STRUCTURE. IN LIEU OF FEE, FOR LONGITUDINAL TRENCH CUT DNLY, ALTERNATE SECTIONS SHOWN ON SHEETS U/3B AND U/3C MAY BE REQUIRED BY COUNTY. NO ALTERNATIVE SECTIONS ARE AVAILABLE FOR TRANSVERSE TRENCH CUTS.

7. CONTRACTOR SHALL RESTORE ALL STRIPING, PAVEMENT MARKERS, LOOP DETECTORS AND REPAIR WITH IN KIND BEDDING SAND PER UTILITY'S SANTA CLARA COUNTY ROADS AND AIRPORTS DEPARTMENT

#### 900 mm (3') shoulder typ. Drainage swale flowline See CSD B/4 Sheet 2 1. The driveway approach structural section shall be constructed of one of the following A. 2" Asphalt Concrete (AC) on 100 mm (4") class 1 Aggregate Sub-base (ASB). B. 150 mm (6") deep strength AC. C. 100mm (4") class B concrete on 100mm (4") class 3 Aggregate Base (AB)\*\* 2. A weakened plane joint is required at location shown when 100 mm (4") class B concrete driveway approach section is installed. 3. The permittee shall provide erosion protection plantings and facilities when and as required by Road Commissioner -900 mm (3') shoulder typ 4. The permittee shall obtain necessary slope easements when required excavations and embankments extend beyond his property or easement. 5. All work shall be in accordance with the County's Standard Specifications. i. Install 300 mm (18") min. dia. culvert or valley gutter as specified on the encroachment permit. Culvert material shall be Corrugated Metal Pipe (CMP), Reinforced Concrete Pipe (RCP), double-walled High Density Polyethylene (HDPE), Schedule 80 Polyvinyl Chloride (PVC) or approved equivalent. 7. Sight panels shall be installed on both ends of culvert per County Standard Detail B/16. \* Refer to County Standard Detail A/4 for actual width. \*\* Applicable only if tie-into existing concrete curb, gutter and/or sidewalk. **LEGEND** (N) New ROW Right of way W= 12' Min. (Driveway width) Z= 92' Min. or Y+60' ETRIC (& ENGLISH) UNITS Y = 32' Min. or W + 20' (Driveway approach) SANTA CLARA COUNTY ROADS AND AIRPORTS DEPARTMENT RURAL DRIVEWAY APPROACH FOR SINGLE RESIDENCE

NOTES:

- EXISTING PAVEMENT

- 100mm (4") MIN. AC WITH 12mm (1/2")
AGGREGATES (PLACED IN 2 LIFTS, SEE NOTE 1)

- 300mm (12") CLASS 2 AGGREGATE BASE (SEE NOTE 4)

SANTA CLARA COUNTY ROADS AND AIRPORTS DEPARTMENT

— 175mm (3") MIN.

150mm (6") MIN.

11/30/10

12/10/13

5/15/14

- 50mm (2") MIN.

CONCRETE CAP (SEE NOTE 11)

APPLY FOG SEAL COAT OVER TRENCH

CONSTRUCTION (SEE NOTE 10)

CLEAN EDGE

(SAWCUT)

SEE NOTE 6

914mm (36") MIN.

COVER

1. THE SURFACE COURSE SHALL BE TYPE A, 12mm (1/2")

2. ALL NEW UTILITIES SHALL BE INSTALLED ON CUT SIDE OF

4. RELATIVE COMPACTION FOR CLASS 2 A.B. SHALL BE NO

(6") IN THICKNESS. CONTROLLED LOW-STRENGTH

6. FOG SEAL COAT SHALL CONSIST OF A MIXTURE OF

7. NO OPEN-CUT OF EXPRESSWAY SHALL BE ALLOWED

AND U/3C MAY BE REQUIRED BY COUNTY. NO

9. CONTRACTOR SHALL RESTORE ALL STRIPING, PAVEMENT

10. HOT-MIXED ASPHALT OR MICROSURFACING MAY BE

SPECIFIC CONDITIONS, INSTEAD OF FOG SEAL.

(#3) REBARS 300 MM (12") O.C. EACH WAY.

CONDITIONS SHALL APPLY TO EXPRESSWAY

LESS THAN 95%. EACH LAYER SHALL NOT EXCEED 150mm

MATERIAL (<300 PSI) (e.g., 2-SACK SLURRY, CONTROLLED

DENSITY FILL, FLOWABLE FILL, ETC) MAY BE USED IN LIEU

CURRENT SANTA CLARA COUNTY STANDARD SPECIFICATIONS.

5. TRENCH BACKFILL SHALL CONFORM TO SECTION 19 OF THE

SLOW-SETTING TYPE ASPHALT EMULSION AND ADDITIONAL

WATER. ADDITIONAL REQUIREMENTS APPLY TO PAVEMENT

0-4 YEARS OLD. SEE COUNTY STANDARD DETAILS U/3B

UNLESS APPROVED BY THE ROAD COMMISSIONER. OTHER

8. COUNTY ORDINANCE CO. N-703.9 REQUIRES PAYMENT OF

ALTERNATIVE SECTIONS ARE AVAILABLE FOR TRANSVERSE

MARKERS, LOOP DETECTORS AND REPAIR WITH IN KIND

REQUIRED AT THE DISCRETION OF COUNTY BASED ON SITE

THAN 36". BOTTOM OF THE CONCRETE CAP SHALL ALIGN

STANDARD DETAILS

TYPICAL UTILITY TRENCH CONSTRUCTION

ETRIC (& ENGLISH) UNITS

11. CONCRETE CAP IS ONLY REQUIRED WHERE COVER IS LESS

WITH THE BOTTOM OF THE UTILITY PIPE. INSTALL 10M

TRENCH CUT FEES AS OFFSET FOR DAMAGE TO PAVEMENT

STRUCTURE. IN LIEU OF FEE, FOR LONGITUDINAL TRENCH

CUT ONLY, ALTERNATE SECTIONS SHOWN ON SHEETS U/3B

3. ALL NEW UTILITIES ARE TO BE INSTALLED BELOW ANY

MEDIUM ASPHALT CONCRETE.

NEW ROAD IN HILLSIDE AREA.

EXISTING CULVERTS.

AND U/3C.

ENCROACHMENTS

# California MUTCD 2014 Edition Page 1159 (FHWA's MUTCD 2009 Edition, including Revisions 1 & 2, as amended for use in California) Figure 6H-10 (CA). Lane Closure on Two-Lane Road Using Flaggers (TA-10) Note: 1. See Tables 6H-2 and 6H-3 for the meaning of the symbols and/or letter codes used in this figure. 2. See Tables 6E-1 and 6E-101 (CA) for buffer space to determine location of END ROAD WORK Typical Application 10 Chapter 6H - Typical Application

DRAWN BY: \_\_\_\_\_T.M.

ROAD: ABORN ROAD

APPLICANT: MOORE

JOB NO. 17014

APPROVED FOR ISSUANCE

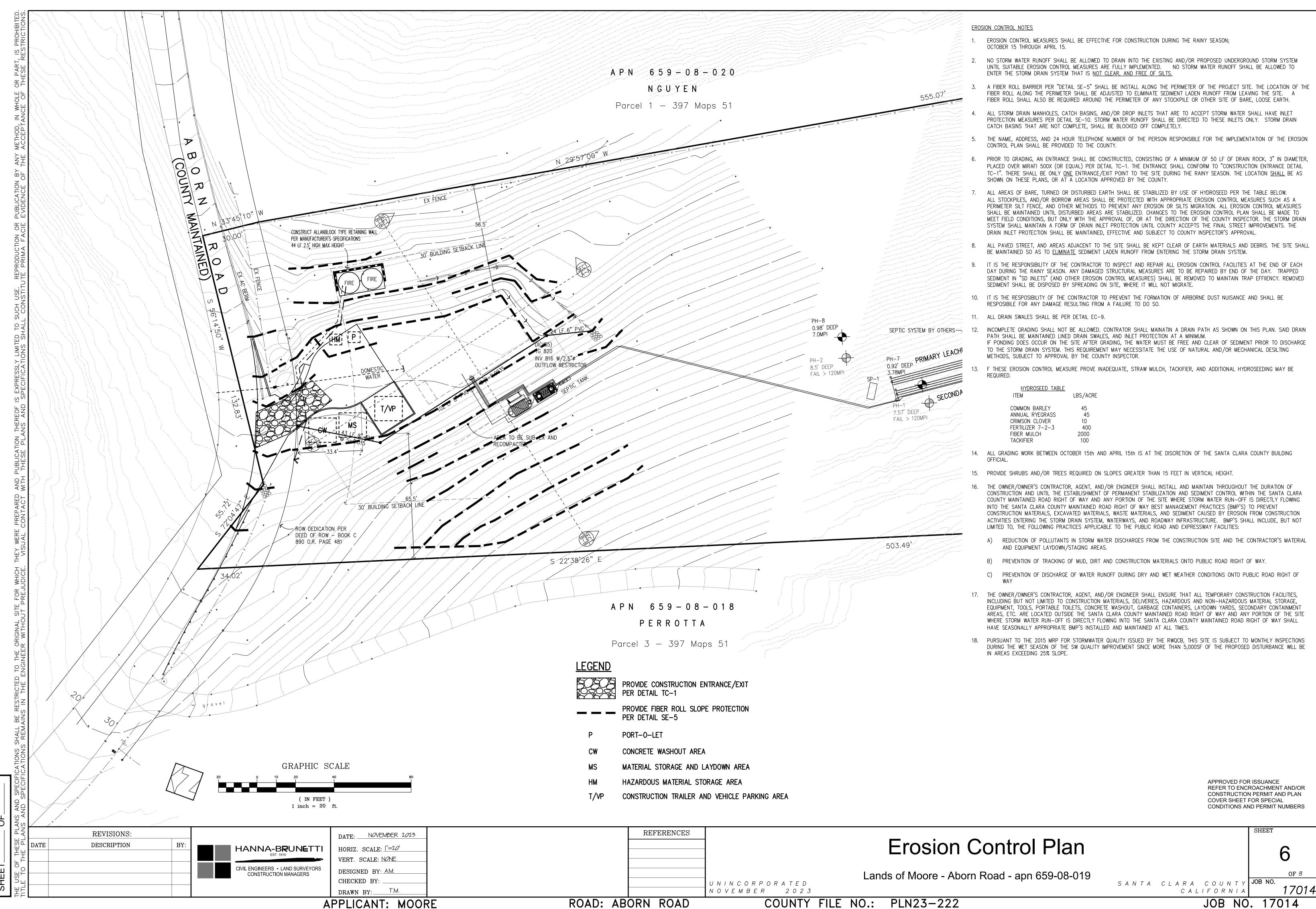
COVER SHEET FOR SPECIAL

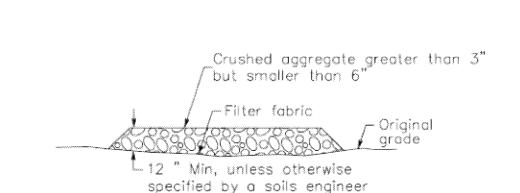
REFER TO ENCROACHMENT AND/OR

CONSTRUCTION PERMIT AND PLAN

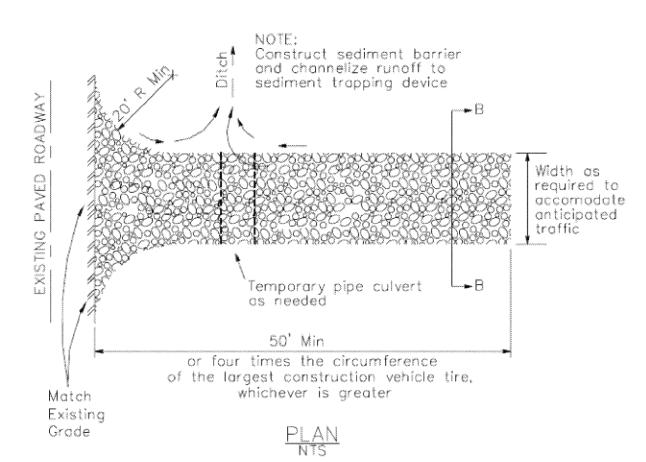
**CONDITIONS AND PERMIT NUMBERS** 

ETRIC (& ENGLISH) UNITS





**CASQA Detail TC-1** 



## Silt Fence

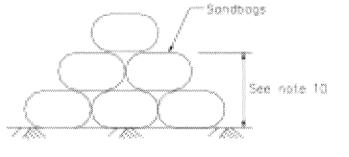
#### EFISINES Tamped backfill Nor cour = 500 (See note 1) Since drection Direction of Naw -Optional maintenera opening detail -(See nate 10) --Cross barrier-PL AN SHI FENCE -End datal

**CASQA Detail SE-1** 

#### NOTES

- 1. Construct the length of each reach so that the change in bose elevation along the reach does not exceed 1/3 the height of the linear borrier, in no case shall the reach length exceed 500.
- 2. The last B'-Q'' of fence shall be turned up slape.
- 3. Stake dimensions are nominal
- 4. Dimension may very to fit field condition.
- 5. Stakes shall be spoced at B'-0" maximum and shall be positioned on downstream side of fence.
- 6. Stokes to overlop and tence fabric to fold pround each stake one full turn. Secure fabric to stake with 4 staples.
- 7. Stokes shall be driven tightly together to prevent patential flow-through of sediment at joint. The tops of the stakes
- B. For end stake, fence tabric shall be folded around two stakes. one full turn and secured with 4 staples.
- Minimum 4 staples per stake. Dimensions shown are typical.
- 10. Onces borriers shall be a minimum of 1/3 and a maximum of 1/2 the
- 11. Maintenance openings shall be constructed in a manner to ensure
- sadiment remains behind sit fence. 12 Joining sections shall not be placed at sump locations.
- 13. Sandbag rows and layers shall be offset to eliminate gaza.

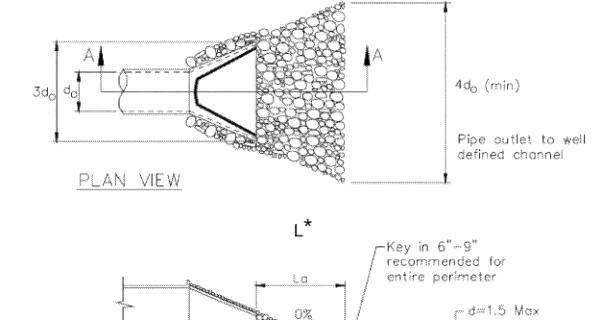
# CROSS BARRIER DETAIL



(SEE NOTE 11)

SECTION C-C

# **Velocity Dissipation Devices**

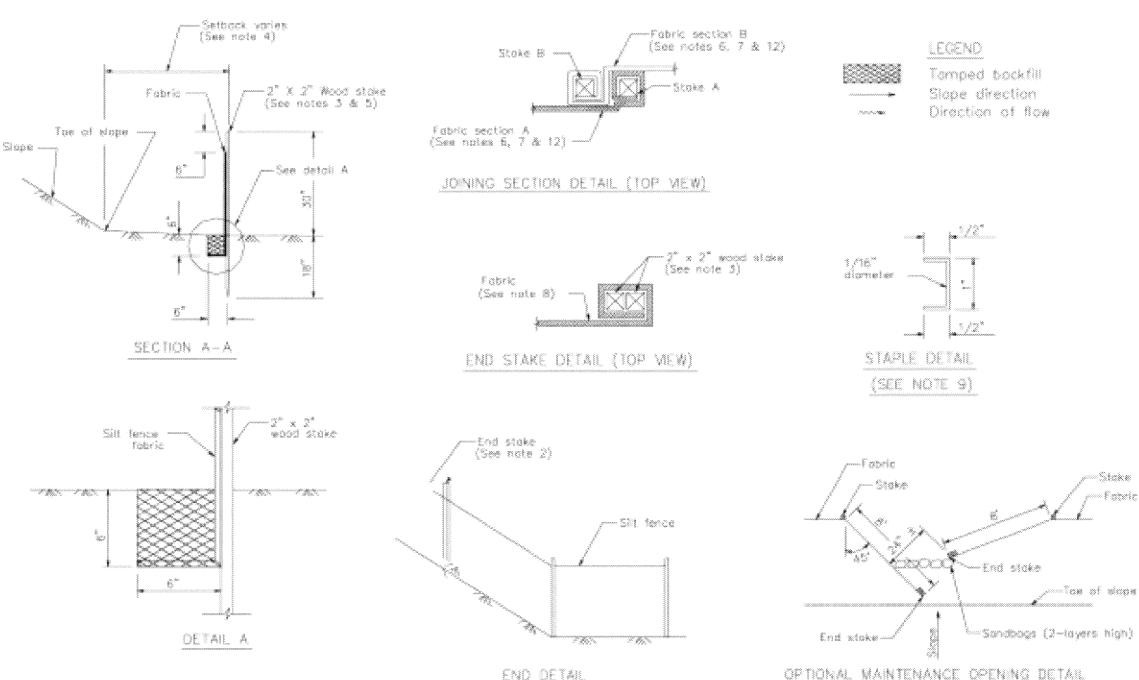


CASQA Detail EC-10

SECTION A-A

\* Length per ABAG Design Standards

# Silt Fence



END DETAIL OPTIONAL MAINTENANCE OPENING DETAIL

CASQA Detail SE-1

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

#### 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.

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

2. <u>Hazardous Waste Management</u>: Provide proper handling and

disposal of hazardous wastes by a licensed hazardous waste

- 4. <u>Vehicle and Construction Equipment Service and Storage</u>: 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</u>, <u>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.
- . <u>Pavement Construction Management</u>: 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.
- 3. 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
- 2. 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
- 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.

#### STANDARD EROSION CONTROL NOTES

1. Sediment Control Management:

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

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

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

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

Stockpiling: Excavated soils shall not be placed in streets or on paved areas. Borrow and temporary stockpiles shall be protected with appropriate erosion control measures(tarps, straw bales, silt fences, ect.) to ensure silt does not leave the site or enter the storm drain system or neighboring watercourse.

- 2. 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.
- 3. <u>Inspection & Maintenance</u>: 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.
- 4. 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.
- 5. 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.
- 6. Erosion and sediment control best management practices shall be operable year round or until vegetation is fully established on landscaped surfaces.

NS

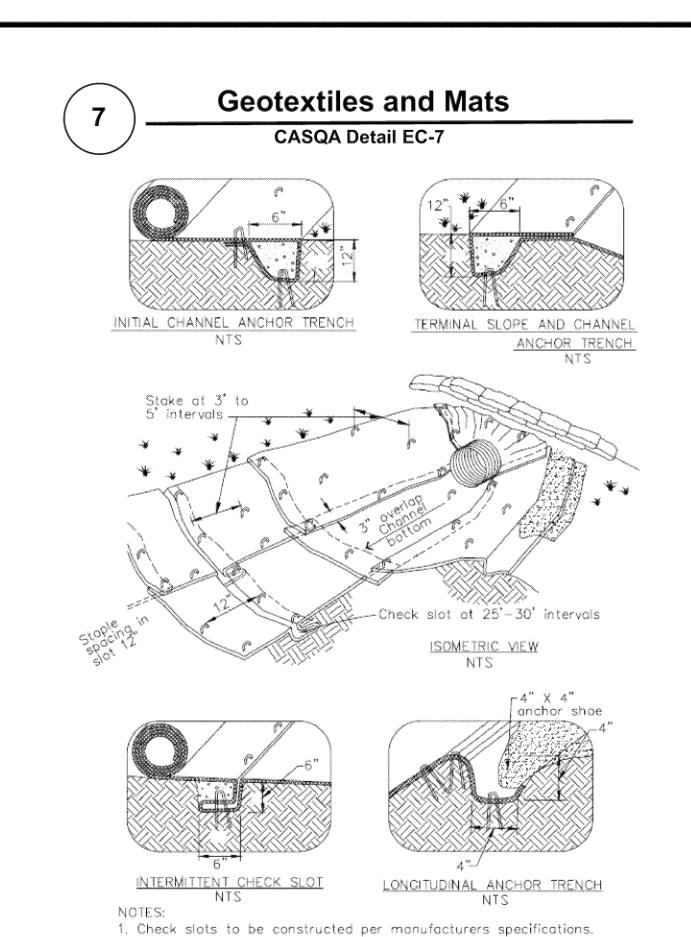
IMPRO

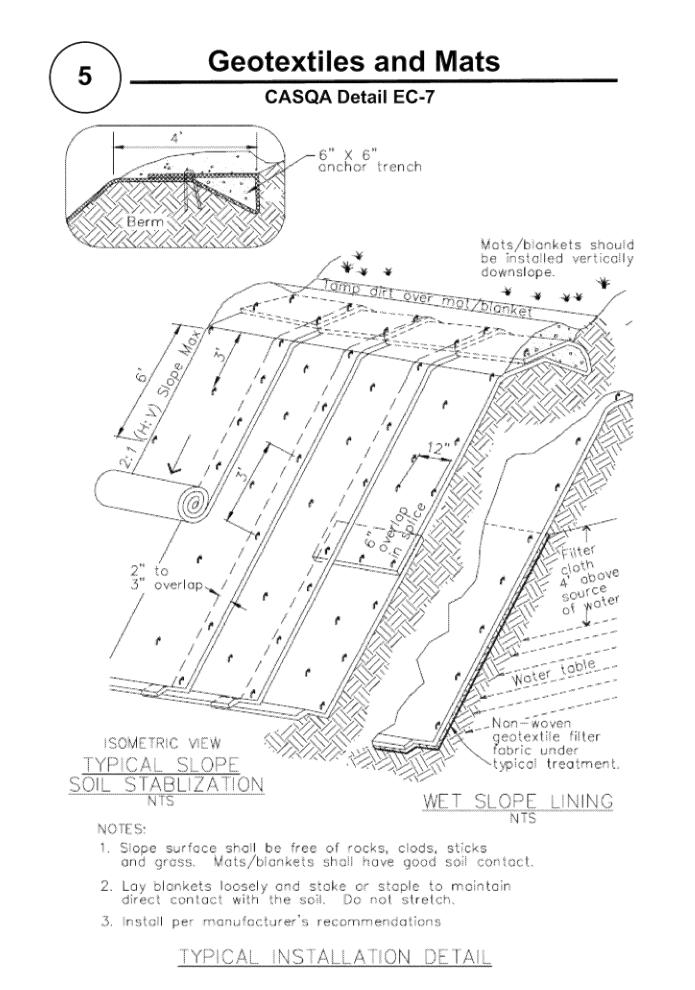
Information Project

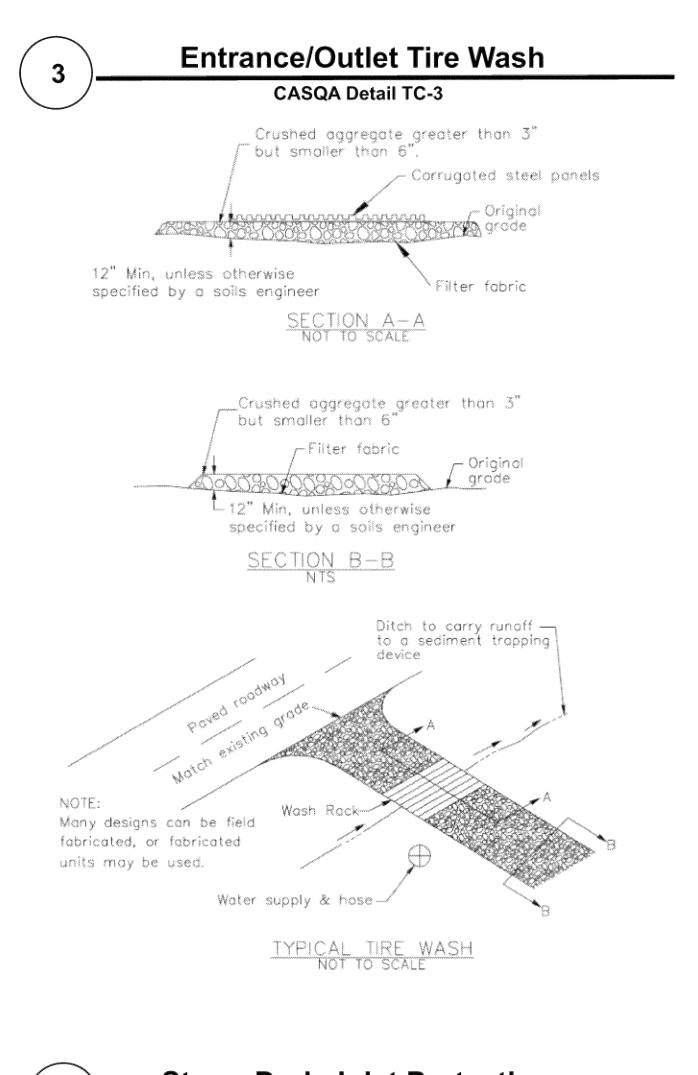
Best Management Practices and Erosion Control Details Sheet 1 County of Santa Clara

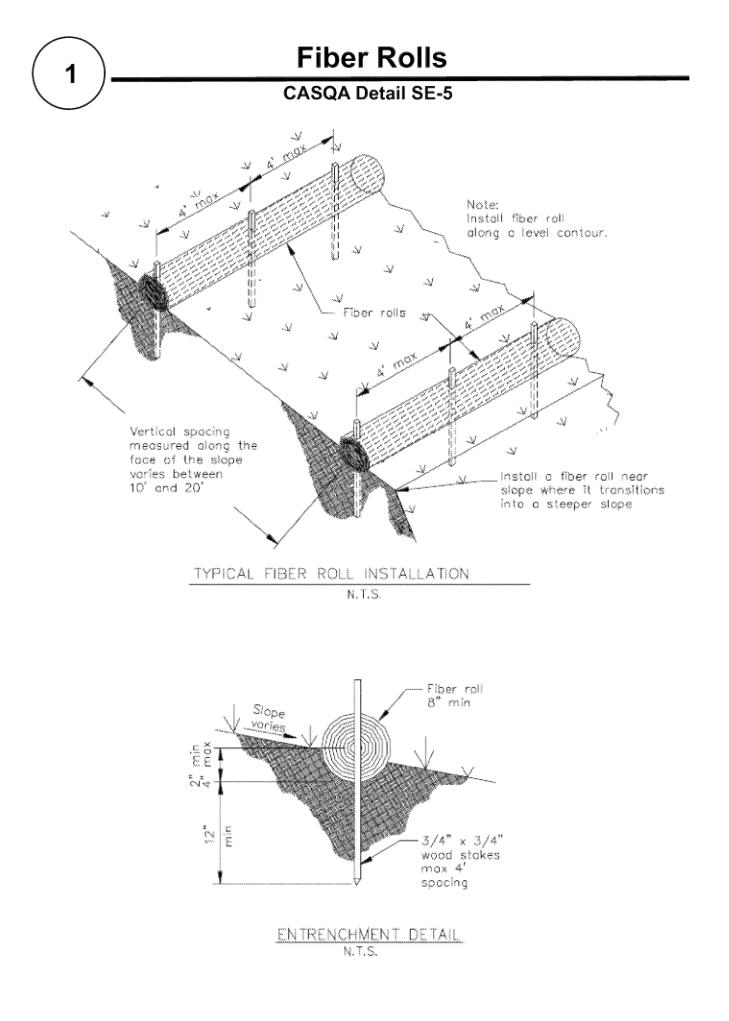


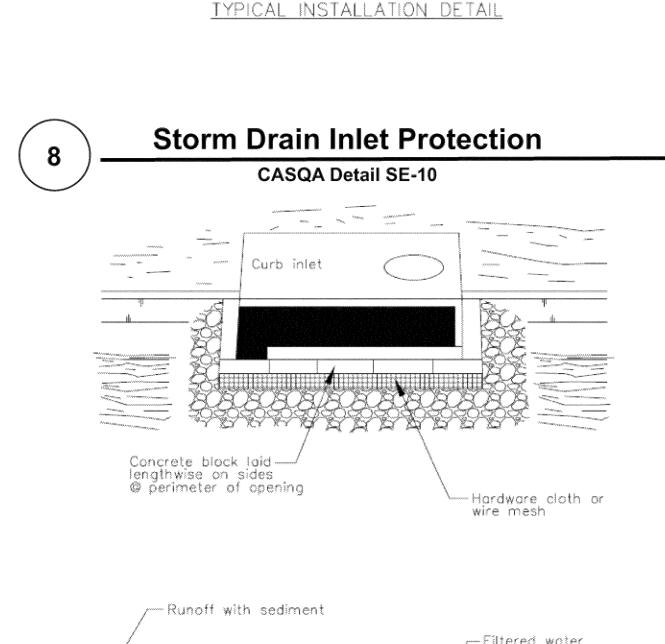
BMP-1





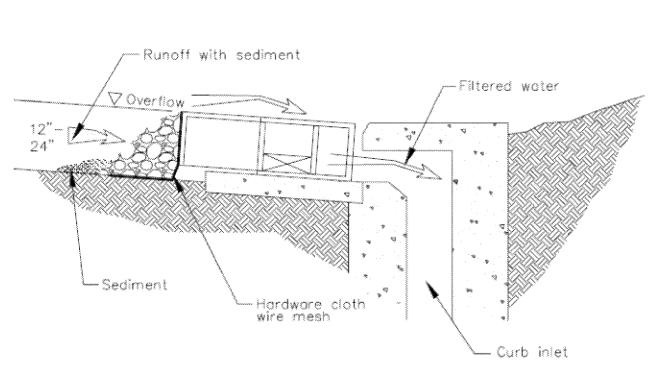






2. Staking or stapling layout per manufacturers specifications.

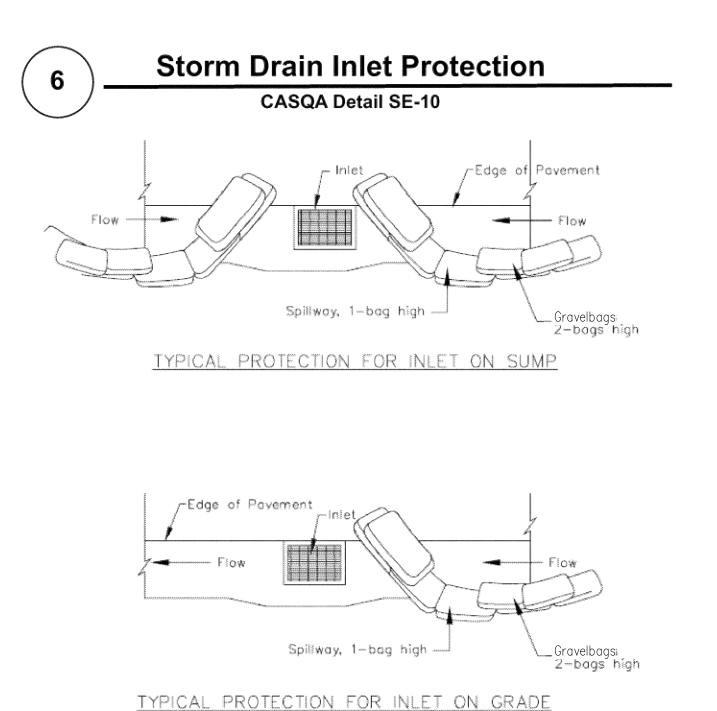
3. Install per manufacturer's recommendations



DI PROTECTION - TYPE 4
NOT TO SCALE

Source for Graphics: California Stormwater BMP Handbook, California Stormwater Quality Association, January 2003.

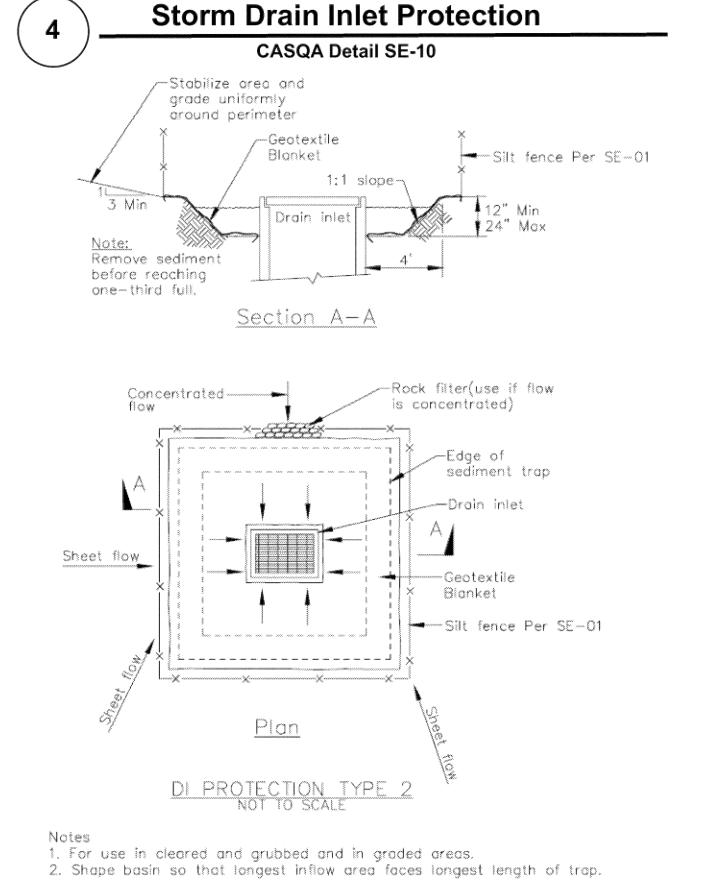
Available from www.cabmphandbooks.com.



1. Intended for short-term use.

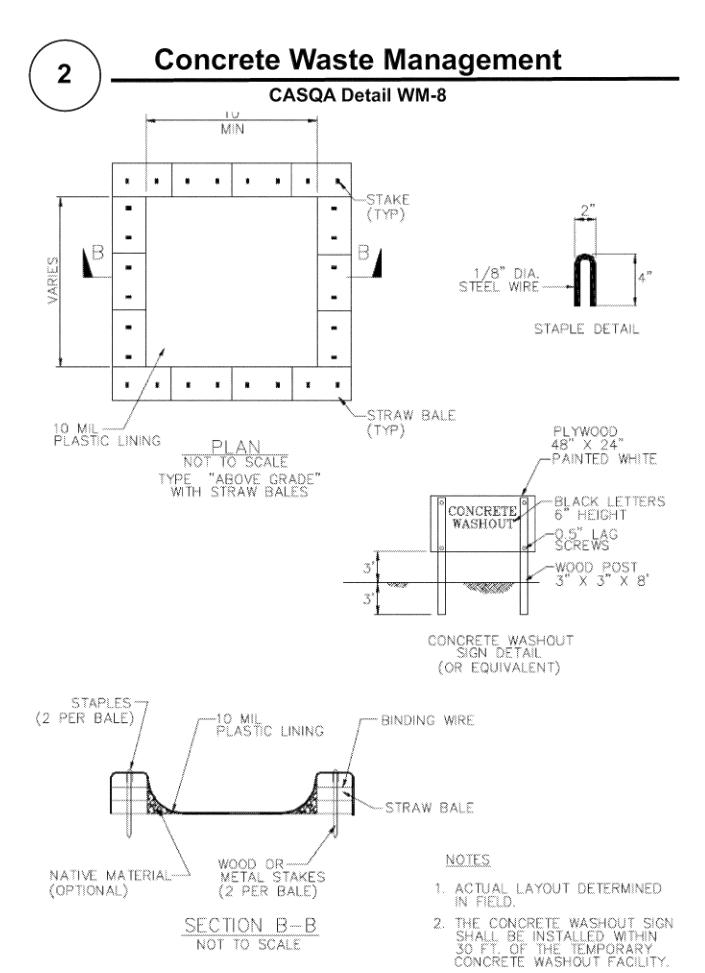
Use to inhibit non-storm water flow.
 Allow for proper maintenance and cleanup.

4. Bags must be removed after adjacent operation is completed5. Not applicable in areas with high silts and clays without filter fabric.

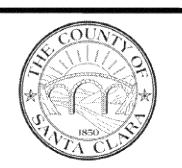


3. For concentrated flows, shape basin in 2:1 ratio with length oriented

towards direction of flow.



Best Management Practices and Erosion Control Details Sheet 2 County of Santa Clara



IMPRO

Information

BMP-2

APPLICANT: MOORE ROAD: ABORN RD. FILE NO: 11088-DR

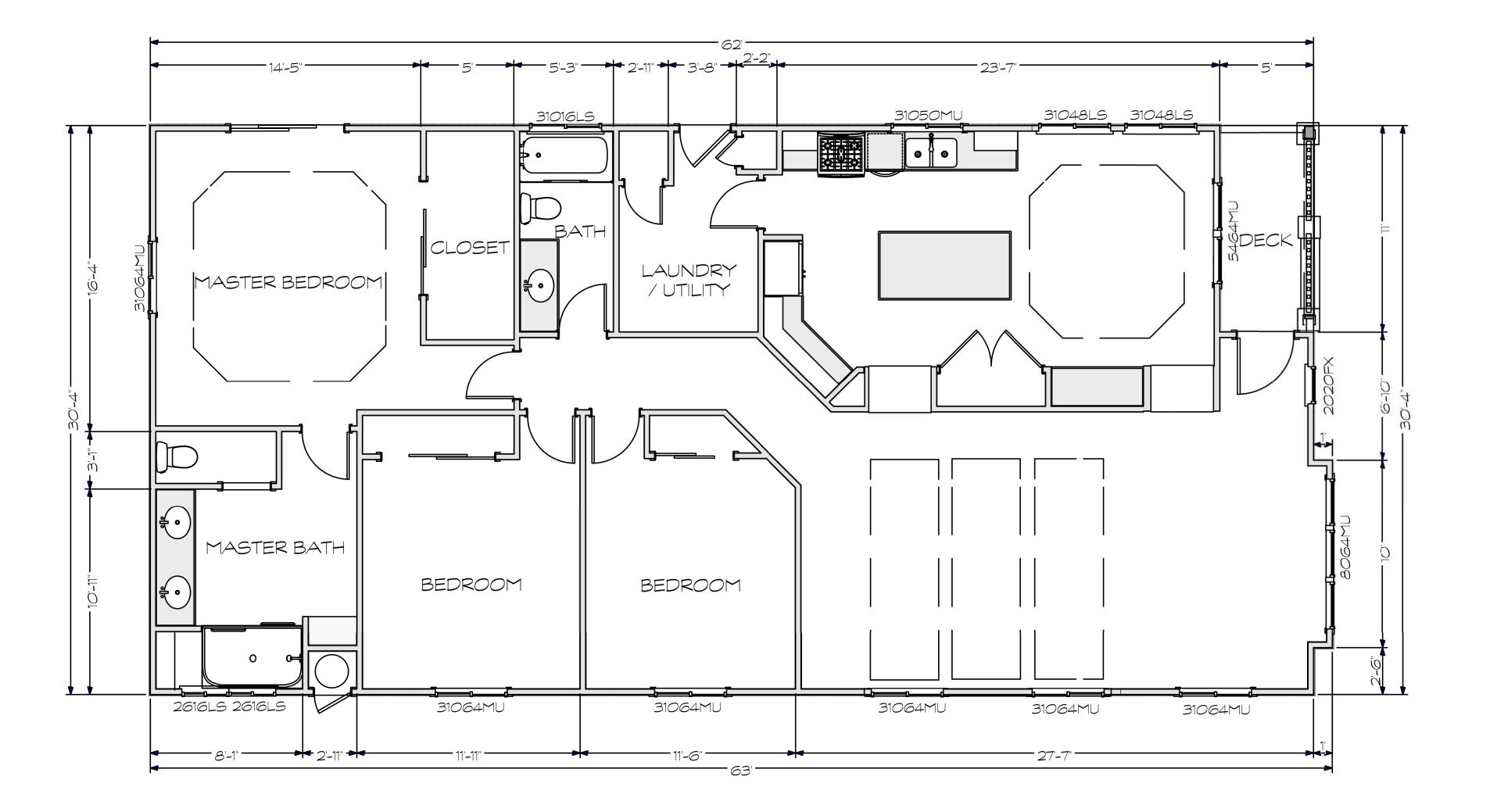
# PLUMBING FIXTURE NOTES:

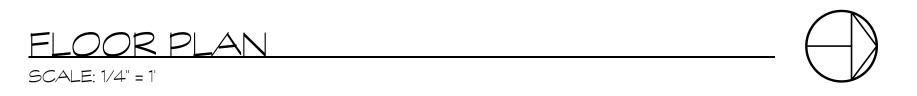
ALL NEW PLUMBING FIXTURES SHALL COMPLY WITH THE FOLLOWING:

- -SHOWERS 1.8 GPM@80PSI COMBINED
- -LAVATORY 1.2 GPM@ 60PSI MAX. \$ 0.8@ 20PSI MIN.
- -KITCHEN FAUCET 1.8@ 60 MAX
- -WATER CLOSET 1.28 MAX

#### PLUMBING NOTES:

- a. Shut-off valves shall be installed in the fuel supply piping outside of each appliance. [ANSI Z21.24, NFPA 54:9.6.1]
- b. Showers & tub-shower combinations shall be provided with individual control valves of the pressure balance or thermostatic mixing valve type with a maximum mixed water setting of 120 degrees. [CPC 408.3]
- c. Domestic water heater shall provide the following per Energy Standards 150.0(n):
- i. 120v electrical outlet within 3' of any installed gas water heater
- ii. A gas/LPG supply of 200,000btu (3/4" Minimum size)
- iii. Category III, IV or Type B vent with a straight pipe between the outside termination and the space where the water heater is installed.
- iv. A condensate drains no more than 2" higher than the base of the installed water heater and allows draining without pump assistance.
- d. The following water lines associated with the water heating system shall be insulated as follows [CALEnergy 150.0(j) 2]
- i. All domestic hot water piping shall be insulated per CPC section 609.11.
- ii. All hot water piping  $\geq$   $^{3}\!4$ " and less than 1" shall be fully insulated with R7.7 min.
- iii. The first 5' of cold-water lines at the water heater shall be insulated with R7.7 min.
- iv. All hot water pipes, less than  $\frac{3}{4}$ " serving the following shall be insulated to R7.7 min: 1. From the heating source to the kitchen fixtures.
- 2. Any portion of the hot water recirculation system.
- 3. From the heating source to a storage tank or between storage tanks.
- 4. Buried below grade.
- e. All Domestic hot water piping shall be insulated [CPC 609.11]. Insulation shall be equivalent to the following as a minimum:
- i. Insulation shall have a minimum wall thickness of not less than the diameter of the pipe up to 2". Pipes 2" or larger shall have insulation a minimum of 2". Please note if higher values required by Energy Standards due to location (see plumbing note 88. Above) the higher insulation values shall govern.
- f. Dishwasher air gap fitting required above sink flood rim. [CPC 807.3]





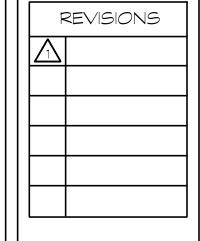
#### FLOOR AREA CALCULATIONS:

MAIN AREA: 62 X 30.33 = 1880 SF BAY WINDOW:  $1 \times 10 = 10 \text{ SF}$ TOTAL: 1890 SF

## WUI NOTES:

THE PROJECT IS IN THE WUI AND THE MODULAR HOME SHALL MEET WUI CODES.

DEFENSIBLE SPACE SHALL BE MAINTAINED AT ALL TIMES.



S

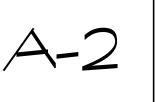
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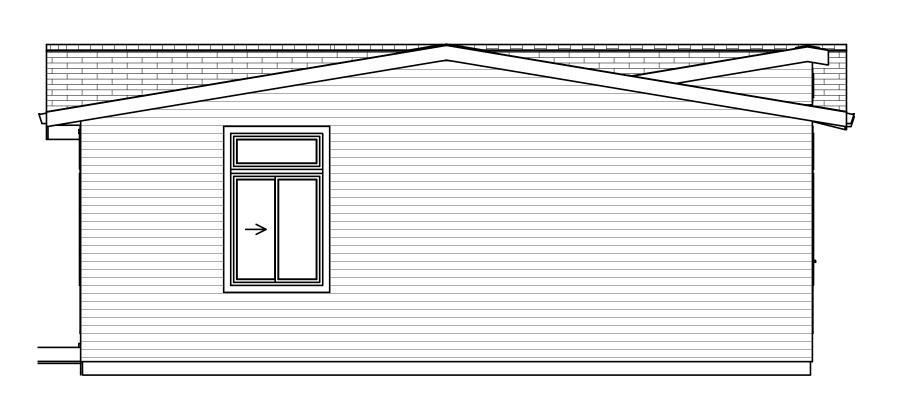


DATE: 10/23/2023

SCALE:

JOB NUMBER







SOUTH

WEST



EAST

NORTH

EXTERIOR ELEVATIONS

SCALE: 1/4" = 1'

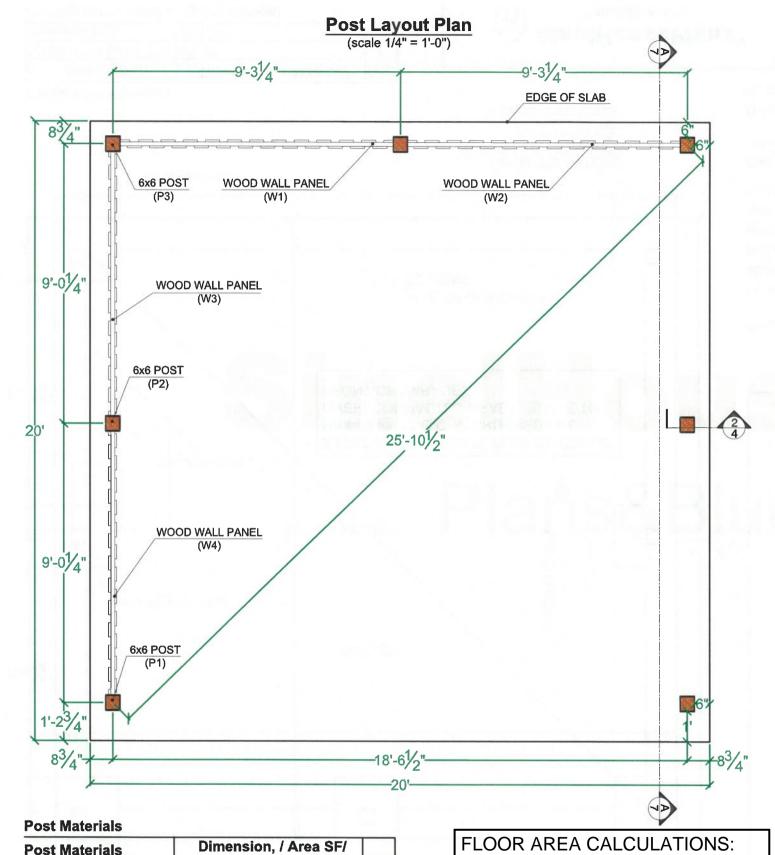
REVISIONS

DATE:

12/18/2024

SCALE:

JOB NUMBER



# **Detail 2 MPBZ Post Base Installation Details** (scale 1/2" = 1'-0") 6X6 POST SIDECOVER (TYP.) CONCRETE COVER PER ACI-318 UNLESS NOTED OTHERWISE MPB66Z - REINFORCED CONCRETE FOOTING FOTTING (SIZE AND REINFORCEMENT) BY DESIGNER. STANDARD HOOK GEOMETRY IN ACCORDANCE WITH ACI 318 UNLESS NOTED OTHERWISE, **Section B** (scale 1/2" = 1'-0") 3" EXTENSION AT TIE HOOK (TYP) #4 HORIZONTAL TIES @ 3" SPACING (SQUARE AND DIAMOND SHAPED TIES) 2½" EXTENSION AT TIE HOOK-STANDARD HOOKS PER ACI-318 (TYP.) (8) #4 VERTICAL REBAR AT 6" ON CENTER CONCRETE COVER PER ACI-318 (TYP.) UNLESS NOTED OTHERWISE FOOTING BY DESIGNER -

Post MaterialsDimension, / Area SF/DescriptionDimension, / Area SF/Qty.Wood Post6"x 6"7CC66 Column Cap7

FLOOR AREA CALCULATIONS: FLOOR AREA: 20 X 20 = 400 SF

#### **Post Notes:**

Secure post using 1/4"2-1/2" strong-tie sds25212-r25 heavy-duty connector screws.

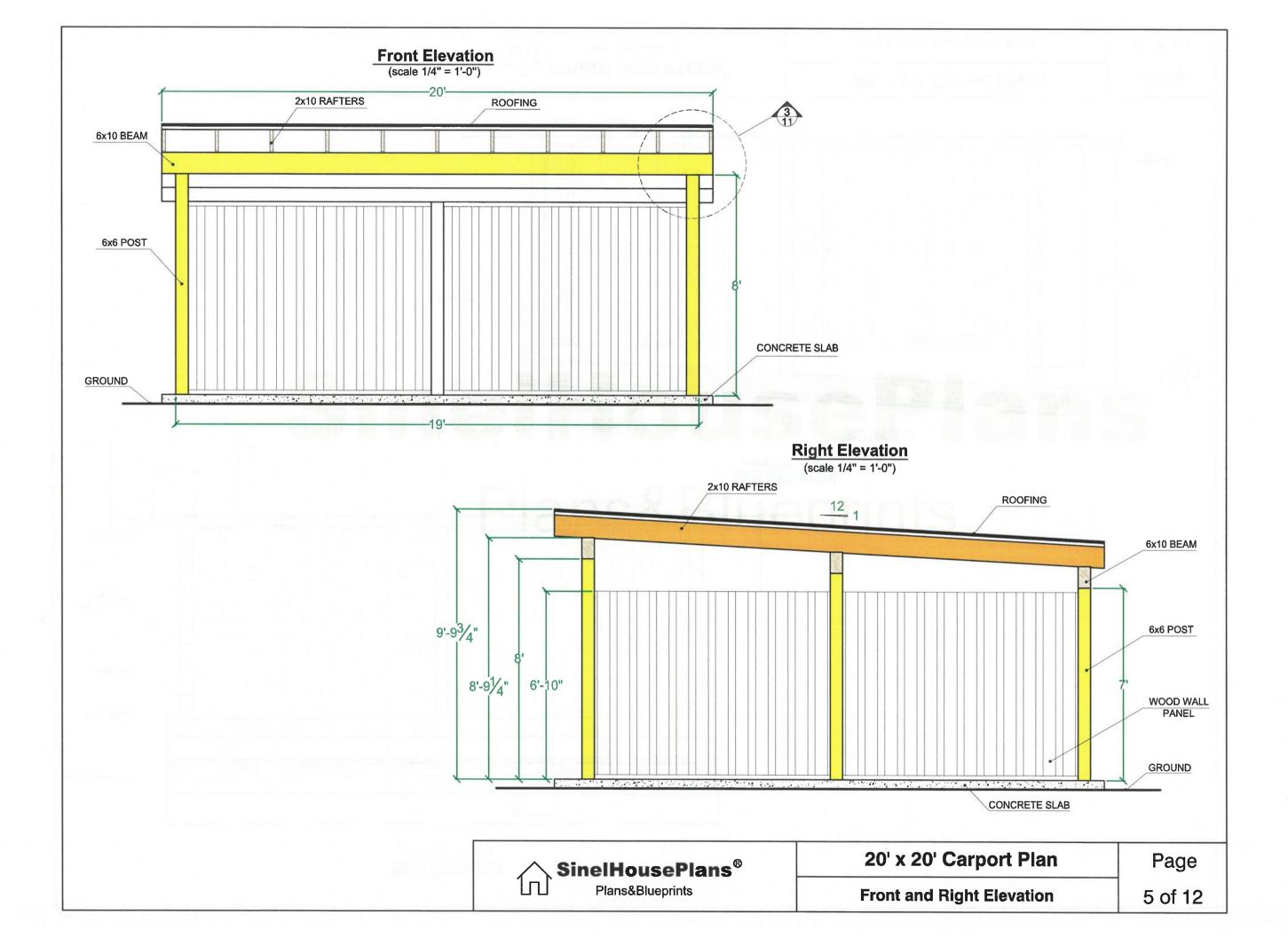


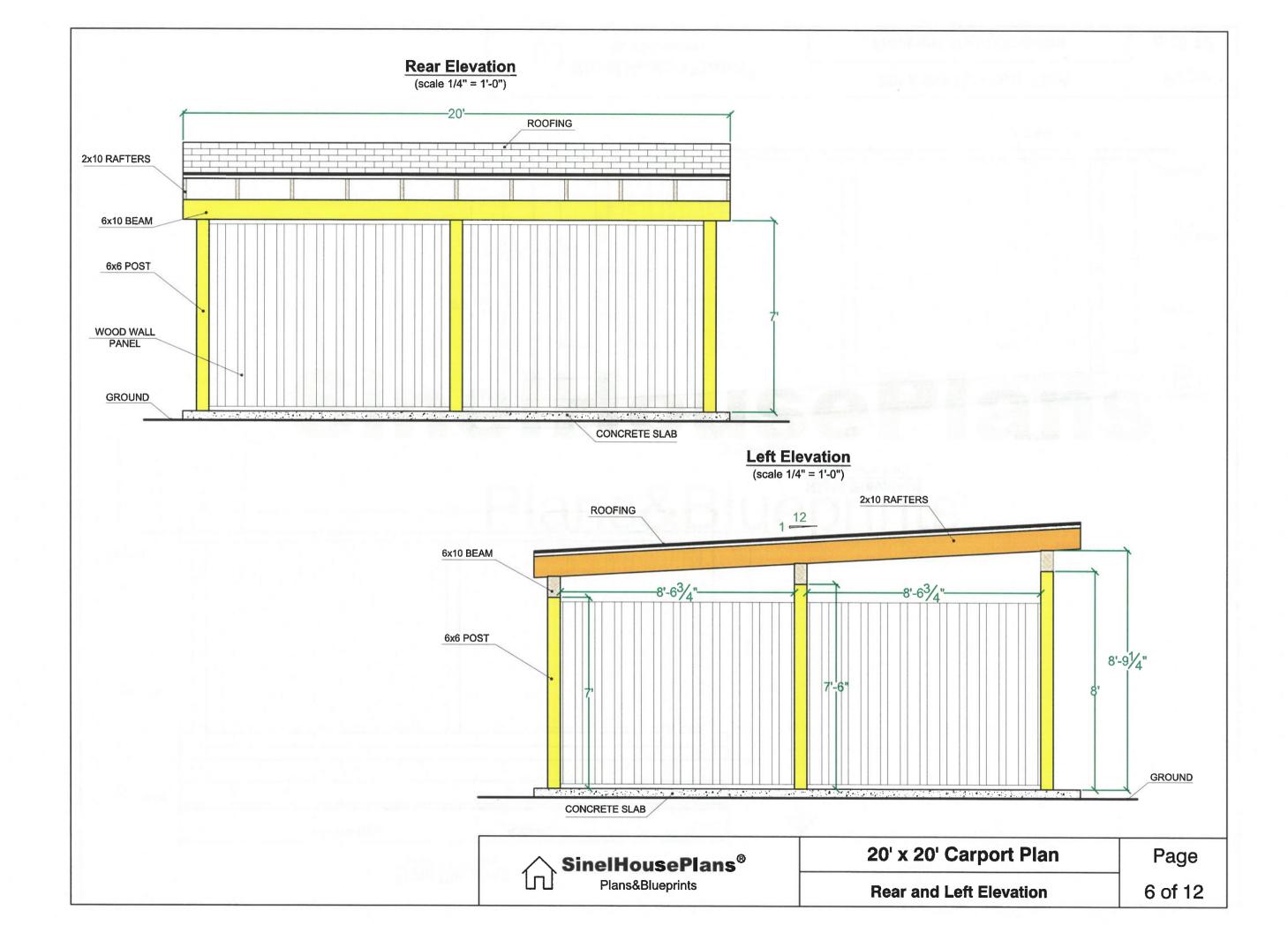
20' x 20' Carport Plan

Page

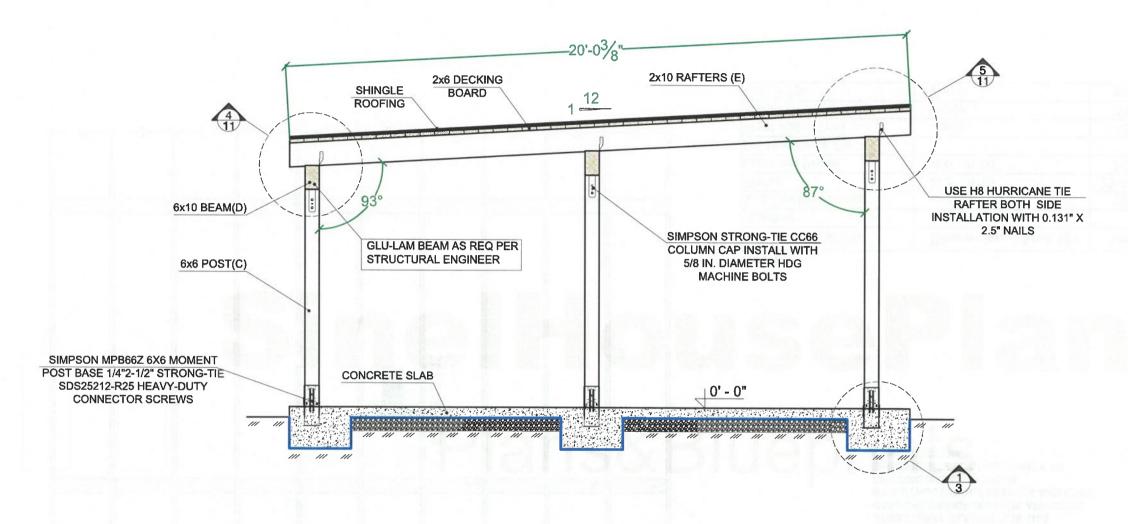
**Post Layout Plan** 

4 of 12





# Section A - A (scale 1/4" = 1'-0")



#### MPBZ Moment Post Base Installation:

Use all specified fasteners; see General Notes.
Install MPBZ before concrete is placed using embedment level indicators and form board attachment holes.
Place post on tabs 1" above top of concrete.
Install Strong-Drive® SDS Heavy-Duty Connector screws, which are supplied with the MPBZ. (Lag screws will not achieve the same load.)
Concrete level inside the part must not exceed 1/4" above embedment line to allow for water drainage.
Annual inspection of connectors used in outdoor application is advised. If significant corrosion is apparent or suspected, then the wood, fasteners and connectors should be evaluated by a qualified engineer or inspector.

#### CC66 Column Cap Installation:

Use all specified fasteners; see General Notes Bolt holes shall be a minimum of 1/32" to a maximum of 1/16" larger than the bolt diameter (per 2015 NDS, section 12.1.3.2); bolt holes should be drilled from one side all the way through the beam to maintain hole tolerances Contact engineered wood manufacturers for connections that are not through the wide face

#### **Carport notes:**

- Consult a structural engineer to check the specifications of the wooden post un roof structure and reinforced base. Reinforce the structure if necessary.
- 2. Visit "Strongtie.com" for structural and post base reinforcement options.
- 3. Apply two coats of stain or paint before installation and apply paint or stain after installation.

