

COUNTY OF SANTA CLARA

General Construction Specifications

GENERAL CONDITIONS

- 1. ALL CONSTRUCTION WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE SOILS AND/OR GEOTECHNICAL REPORT PREPARED BY STEVENS FERRONE & BAILEY ENGINEERING COMPANY, INC...

CONSTRUCTION STAKING

- 1. 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...

CONSTRUCTION INSPECTION

- 1. CONTRACTOR SHALL NOTIFY PERMIT INSPECTION UNIT, SANTA CLARA COUNTY PRIOR TO COMMENCING WORK AND FOR FINAL INSPECTION OF WORK AND SITE.

SITE PREPARATION (CLEARING AND GRUBBING)

- 1. EXISTING TREES AUTHORIZED FOR REMOVAL, ROOTS, AND FOREIGN MATERIAL IN AREAS TO BE IMPROVED WILL BE REMOVED TO AN AUTHORIZED DISPOSAL SITE AS FOLLOWS:

UTILITY LOCATION, TRENCHING & BACKFILL

- 1. 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.

RETAINING WALLS

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

GRADING

- 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, IT SHALL BE STRIPPED OF ALL VEGETATION...

Table with 4 columns: LOCATION, CUT (C.Y.), FILL (C.Y.), VERT. DEPTH. Rows include PATIO, TENNIS COURT, and TOTAL.

- NOTE: FILL VOLUMES INCLUDE 10% SHRINKAGE. EXCESS MATERIAL SHALL BE OFF HAULED TO A COUNTY APPROVED DUMP 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...

ACCESS ROADS AND DRIVEWAYS

- 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).

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.

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.

AIR QUALITY, LANDSCAPING AND EROSION CONTROL

- 1. WATER ALL ACTIVE CONSTRUCTION AREAS AT LEAST TWICE DAILY.

STORM DRAINAGE AND STORMWATER MANAGEMENT

- 1. DEVELOPER IS RESPONSIBLE FOR ALL NECESSARY DRAINAGE FACILITIES WHETHER SHOWN ON THE PLANS OR NOT AND FOR HIS SUCCESSOR PROPERTY OWNERS ARE RESPONSIBLE FOR THE ADEQUACY AND CONTINUED MAINTENANCE OF THESE FACILITIES...

AS-BUILT PLANS STATEMENT

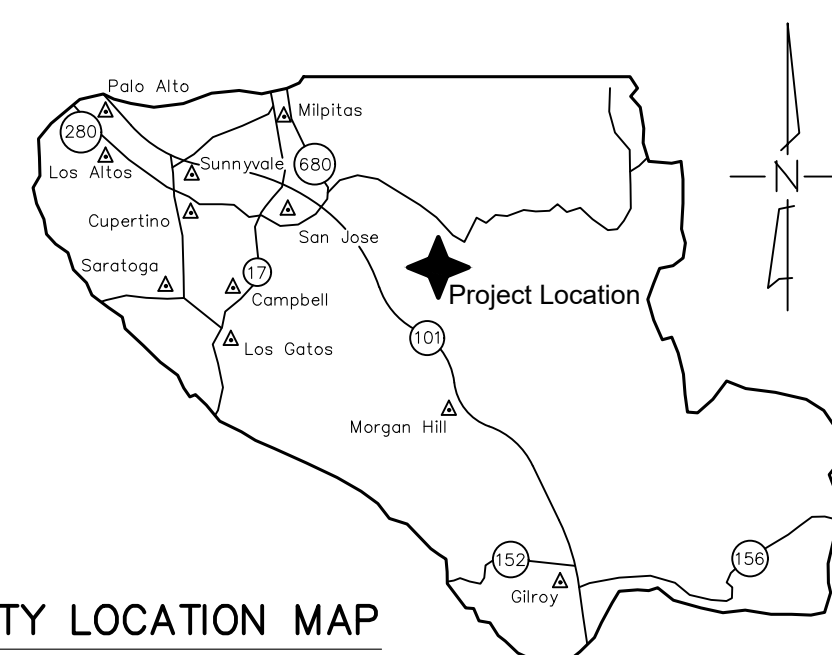
THIS IS A TRUE COPY OF THE AS-BUILT PLANS. THERE ( ) WERE ( ) WERE NOT) MINOR FIELD CHANGES - MARKED WITH THE SYMBOL (\*). THERE ( ) WERE ( ) WERE NOT) PLAN REVISIONS INDICATING SIGNIFICANT CHANGES REVIEWED BY THE COUNTY ENGINEER AND MARKED WITH THE SYMBOL Δ.

DATE SIGNATURE

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

GEOTECHNICAL ENGINEER OBSERVATION

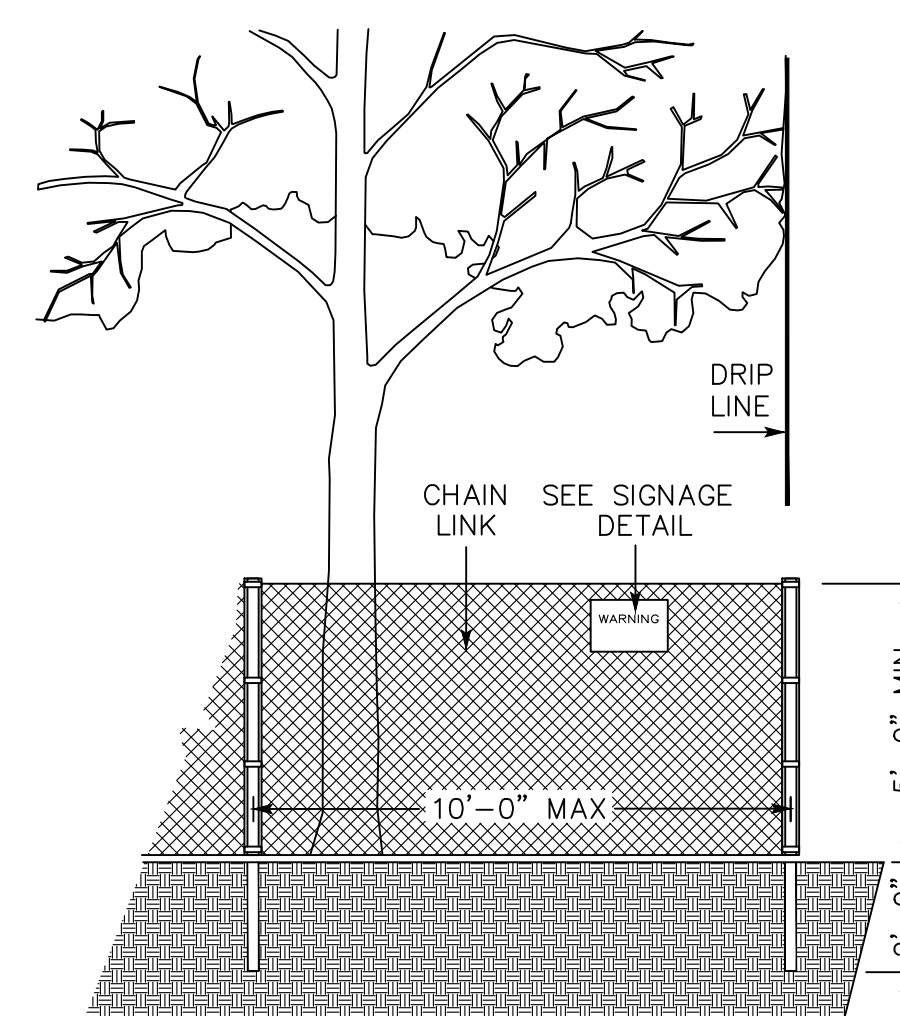
- 1. A CONSTRUCTION OBSERVATION LETTER FROM THE RESPONSIBLE GEOTECHNICAL ENGINEER AND ENGINEERING GEOLOGIST DETAILING CONSTRUCTION OBSERVATIONS AND CERTIFYING THAT THE WORK WAS DONE IN ACCORDANCE WITH THE RECOMMENDATIONS...



COUNTY LOCATION MAP

SURVEY MONUMENT PRESERVATION

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



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.

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

COUNTY OF SANTA CLARA LAND DEVELOPMENT ENGINEERING & SURVEYING GRADING/DRAINAGE PERMIT NO. ISSUED BY: DATE:

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

ENGINEER'S STATEMENT

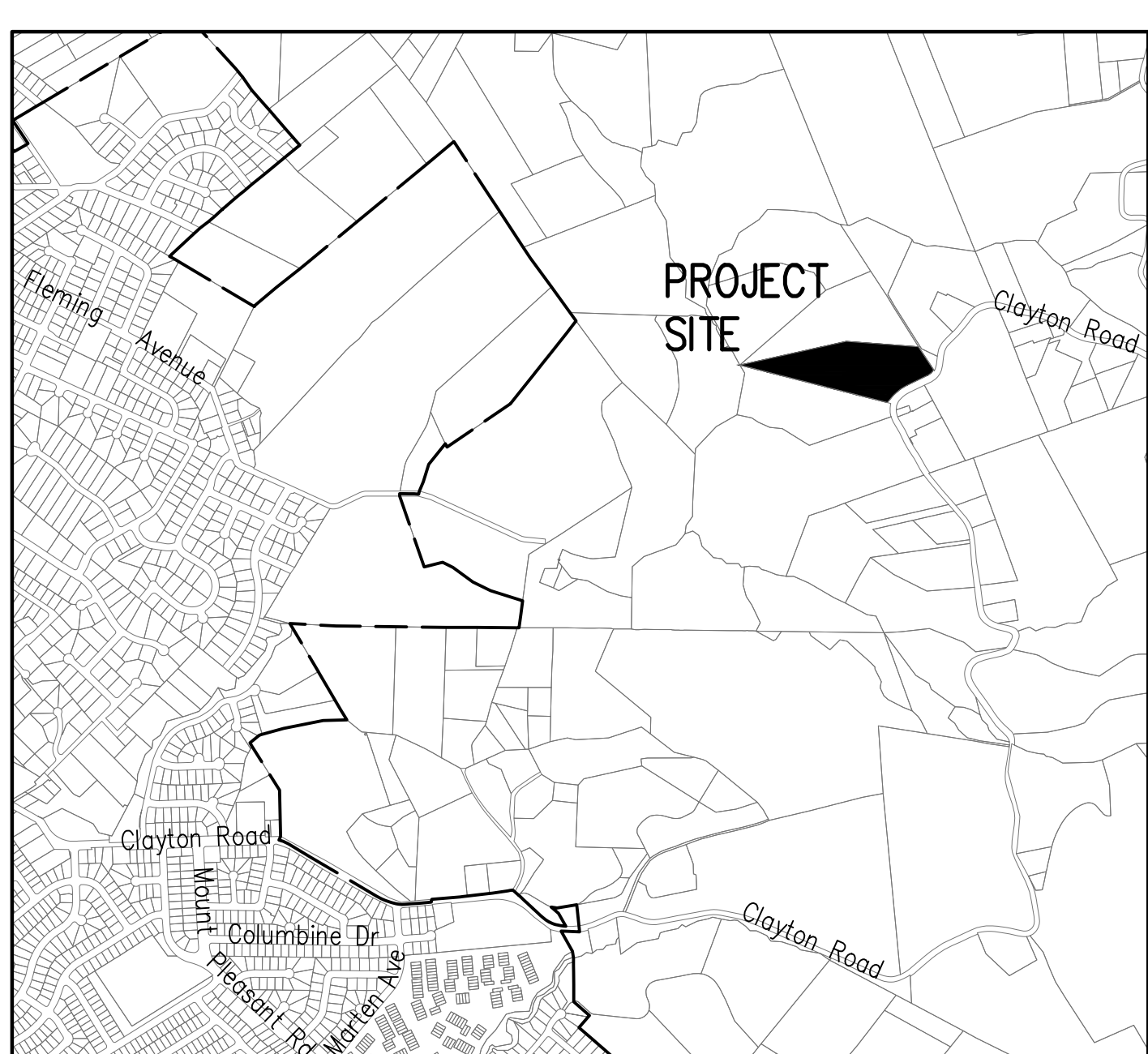
I HEREBY STATE THAT THESE PLANS ARE IN COMPLIANCE WITH ADOPTED COUNTY STANDARDS, THE APPROVED TENTATIVE MAP (OR PLAN) AND CONDITIONS OF APPROVAL PERTAINING THERETO DATED FILE(S) NO.

DATE 6/9/27 R.C.E. NO. 42107

COUNTY ENGINEER'S NOTE

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

DATE CHRISTOPHER L. FREITAS R.C.E. NO. 42107



VICINITY MAP NO SCALE

PRELIMINARY PLANS NOT FOR CONSTRUCTION

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 CONTROL PLANS TO PREVENT ILLICIT DISCHARGES FROM THE SITE DURING CONSTRUCTION.

SHEET INDEX

Table with 2 columns: Sheet Number, Sheet Description. Includes COVER SHEET, OVERALL SITE PLAN, PATIO GRADING AND DRAINAGE PLAN, TENNIS COURT GRADING PLAN, SECTIONS, NOTES, LEGEND AND ABBREVIATIONS, EROSION CONTROL PLAN, BEST MANAGEMENT PRACTICES.

ENGINEER'S NAME: HANNA & BRUNETTI

ADDRESS: 7651 EGGLEBERRY STREET, GILROY CA 95020

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

PRELIMINARY DRAINAGE PLAN

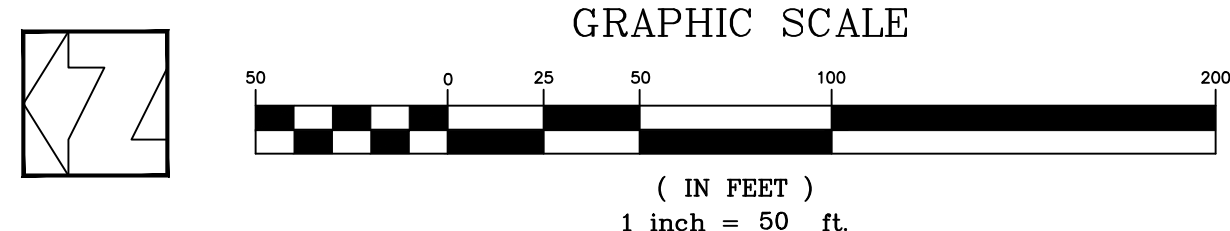
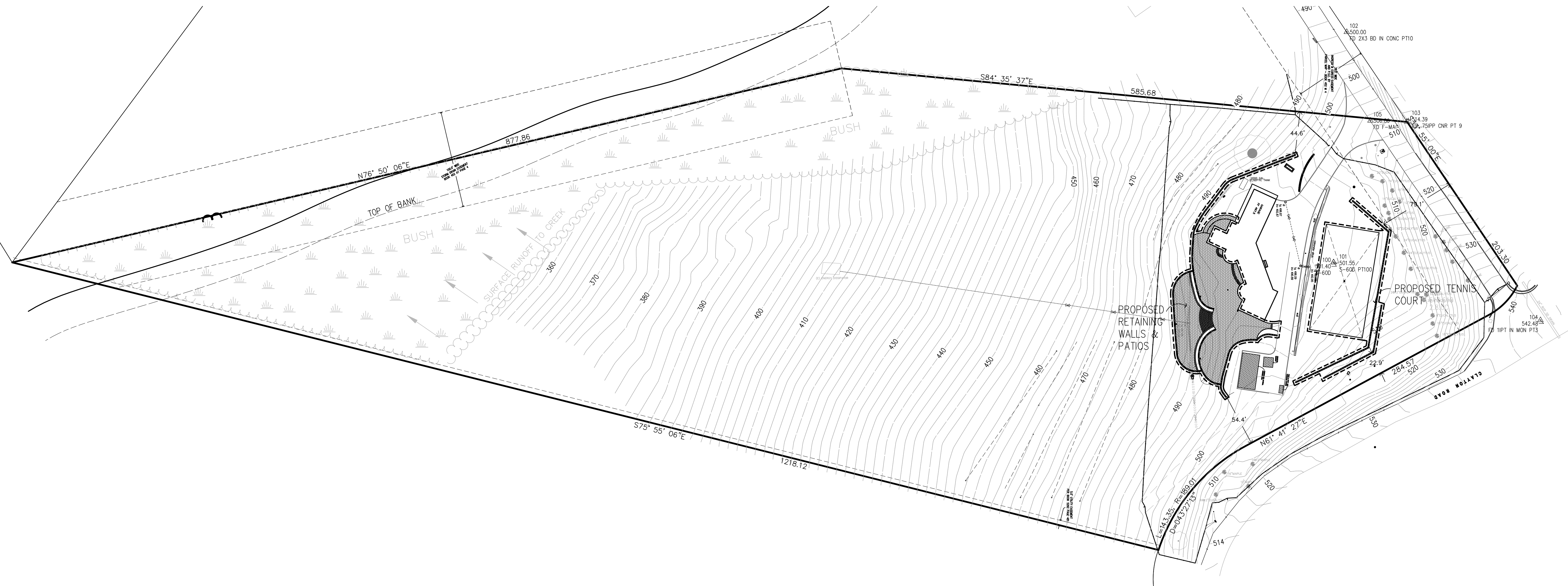
FOR THE HOME GRADING AND DRAINAGE ON THE LANDS OF BRASIL 13211 CLAYTON ROAD, SAN JOSE

PARCEL 1, AS DELINEATED UPON THAT CERTAIN PARCEL MAP FILED OCTOBER 19th, 1979 IN BOOK 452 OF MAPS, AT PAGES 3 AND 4 SANTA CLARA COUNTY, CALIFORNIA

A.P.N.: 612-41-041

Table with 4 columns: Revision, Date, APN, Sheet. Shows Revision 1, 2, 3 and Sheet 1 of 8.

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



**PRELIMINARY PLANS  
NOT FOR CONSTRUCTION**

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

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

REVISIONS:		
DATE	DESCRIPTION	BY:

**HANNA-BRUNETTI**  
EST. 1978  
CIVIL ENGINEERS • LAND SURVEYORS  
CONSTRUCTION MANAGERS  
7651 EIGLEBERRY STREET • GILROY • 95020 • CALIFORNIA  
OFFICE (408) 842-2173 • FAX (408) 842-3682  
EMAIL: ENGINEERING@HANNABRUNETTI.COM

DATE: JUNE 2014  
HORIZ. SCALE: 1"=50'  
VERT. SCALE: NONE  
DESIGNED BY: AM  
CHECKED BY: \_\_\_\_\_  
DRAWN BY: TM

date: \_\_\_\_\_ 21  
Hanna - Brunetti  
Amanda Joy Musy-Verdel  
R.C.E. # 69278



REFERENCES

UNINCORPORATED  
JUNE 2024

**Overall Site Plan**  
Lands of Brasil - 13211 Clayton Road - apn 612-41-041

SANTA CLARA COUNTY  
CALIFORNIA

SHEET  
**2**  
OF 8  
JOB NO. 21017

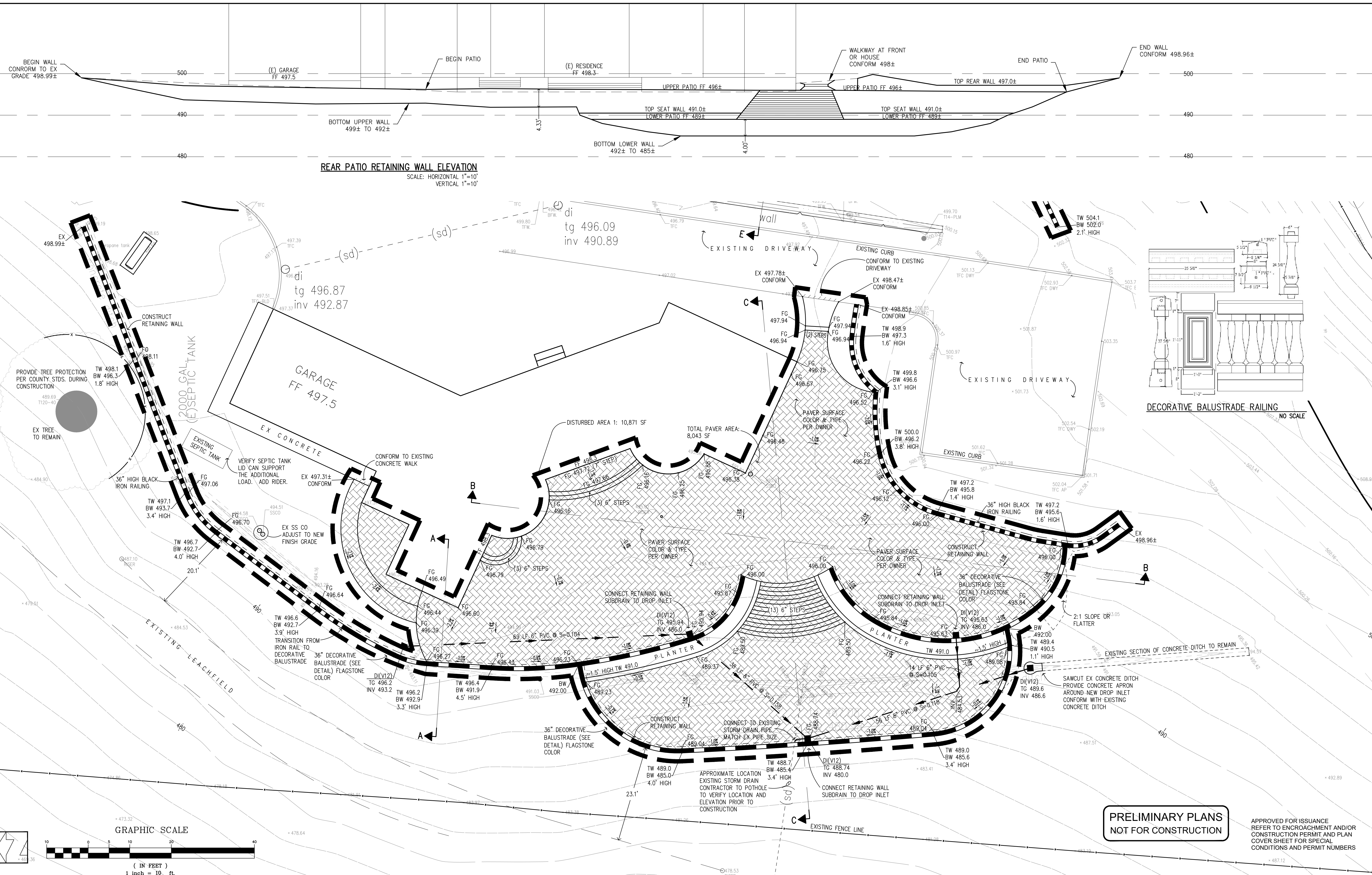
APPLICANT: BRASIL

ROAD: 13211 CLAYTON ROAD

COUNTY FILE NO.:

JOB NO. 21017

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DATE	REVISIONS:	DESCRIPTION	BY:

**HANNA-BRUNETTI**  
EST. 1988  
CIVIL ENGINEERS - LAND SURVEYORS  
CONSTRUCTION MANAGERS  
7651 EAGLEBERRY STREET - GILROY - 95020 - CALIFORNIA  
OFFICE (408) 842-2173 - FAX (408) 842-3682  
EMAIL: ENGINEERING@HANNABRUNETTI.COM

DATE: JUNE 2024  
HORIZ. SCALE: 1"=10'  
VERT. SCALE: NONE  
DESIGNED BY: AM  
CHECKED BY: TM  
DRAWN BY: TM

date: \_\_\_\_\_ 21  
Hanna - Brunetti  
Amanda Joy Musy-Verdel  
R.C.E. # 69278

REFERENCES

UNINCORPORATED  
JUNE 2024

# Preliminary Drainage Plan

Lands of Brasil - 13211 Clayton Road - apn 612-41-041

SANTA CLARA COUNTY  
CALIFORNIA

SHEET	<b>3</b>
OF 8	
JOB NO.	21017

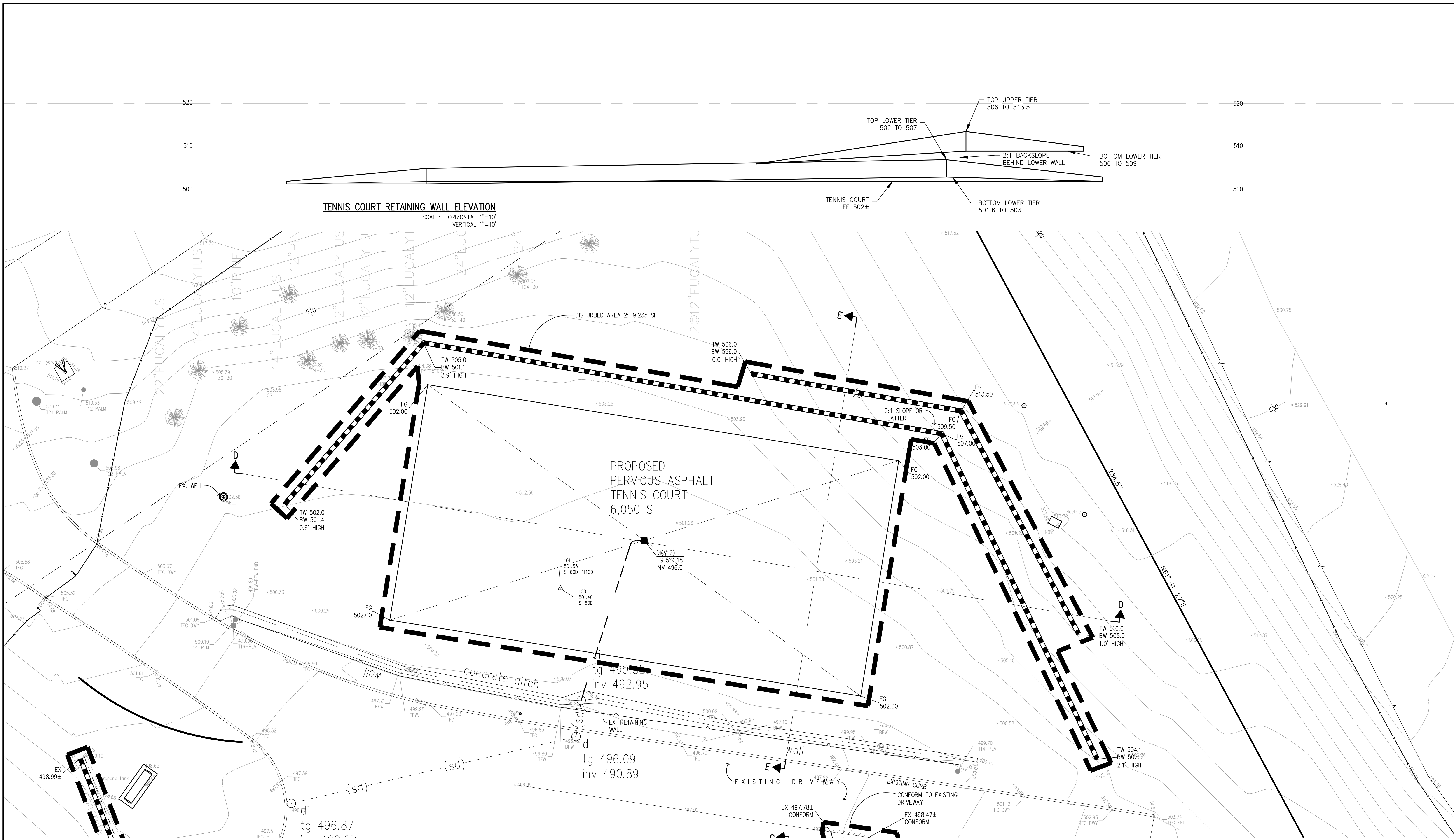
APPLICANT: BRASIL

ROAD: 13211 CLAYTON ROAD

COUNTY FILE NO.:

JOB NO. 21017

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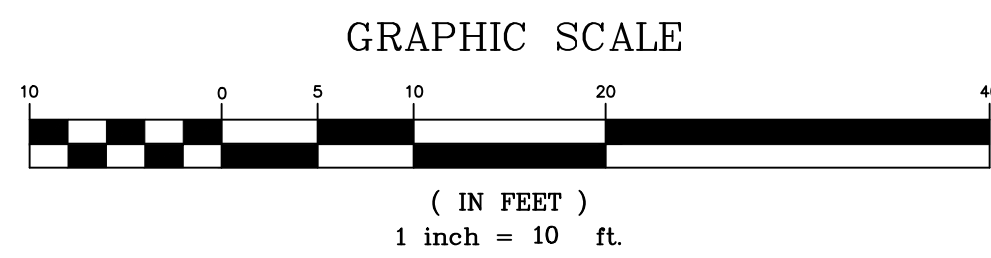


**TENNIS COURT RETAINING WALL ELEVATION**  
SCALE: HORIZONTAL 1"=10'  
VERTICAL 1"=10'

**PRELIMINARY PLANS  
NOT FOR CONSTRUCTION**

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

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



REVISIONS:		
DATE	DESCRIPTION	BY:

**HANNA-BRUNETTI**  
EST. 1962  
CIVIL ENGINEERS • LAND SURVEYORS  
CONSTRUCTION MANAGERS  
7651 EIGLEBERRY STREET • GILROY • 95020 • CALIFORNIA  
OFFICE (408) 842-2173 • FAX (408) 842-3682  
EMAIL: ENGINEERING@HANNABRUNETTI.COM

DATE: JUNE 2024  
HORIZ. SCALE: 1"=10'  
VERT. SCALE: NONE  
DESIGNED BY: AM  
CHECKED BY: \_\_\_\_\_  
DRAWN BY: TM

date: \_\_\_\_\_ 21  
Hanna - Brunetti  
Amanda Joy Musy-Verdel  
R.C.E. # 69278



REFERENCES

UNINCORPORATED  
JUNE 2024

**Preliminary Drainage Plan**

Lands of Brasil - 13211 Clayton Road - apr 612-41-041

SHEET  
**4**  
OF 8  
JOB NO. 21017

APPLICANT: BRASIL

ROAD: 13211 CLAYTON ROAD

COUNTY FILE NO.:

SANTA CLARA COUNTY  
CALIFORNIA

JOB NO. 21017

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**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.
- NO TREES ARE TO BE REMOVED.
- PRIOR TO GRADING COMPLETION AND RELEASE OF BOND, ALL GRADED AREAS SHALL BE RESEDED 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.
- BOTH DRAINFIELDS MUST BE STAKED AND STRUNG PRIOR TO APPROVAL OF THE SEPTIC DESIGN TO VERIFY THAT THE PROPOSED SEPTIC DESIGN WILL ACTUALLY FIT INTO THE PROPOSED LEACHFIELD AREA, AND CONFORM TO ALL REQUIRED SETBACKS.
- IF ARCHAEOLOGICAL RESOURCES OR HUMAN REMAINS ARE DISCOVERED DURING CONSTRUCTION, WORK SHALL BE HALTED WITHIN 50 METERS (150 FEET) OF THE FIND UNTIL IT CAN BE EVALUATED BY A QUALIFIED ARCHAEOLOGIST. IF THE FIND IS DETERMINED TO BE SIGNIFICANT, APPROPRIATE MITIGATION MEASURES SHALL BE FORMULATED AND IMPLEMENTED.
- NOTIFY SOILS ENGINEER TWO (2) DAYS PRIOR TO COMMENCEMENT OF ANY GRADING WORK TO COORDINATE THE WORK IN THE FIELD.
- ALL MATERIALS FOR FILL SHOULD BE APPROVED BY THE SOILS ENGINEER BEFORE IT IS BROUGHT TO THE SITE.
- 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.
- THESE PLANS ARE FOR THE WORK DESCRIBED IN THE SCOPE OF WORK ONLY. A SEPARATE PERMIT WILL BE REQUIRED FOR THE SEPTIC LINE CONSTRUCTION.
- UPPER 6" OF THE SUBGRADE SOIL SHALL BE SCARIFIED, MOISTURE CONDITIONED AND COMPACTED TO A MINIMUM RELATIVE COMPACTION OF 95%.
- ALL AGGREGATE BASE MATERIAL SHALL BE COMPACTED TO A MINIMUM OF 95% RELATIVE COMPACTION.
- 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.
- AN APPROVED RESIDENTIAL FIRE SPRINKLER SYSTEM COMPLYING WITH FIRE MARSHAL STANDARD CFMO-SP6 IS REQUIRED TO BE INSTALLED THROUGHOUT THE STRUCTURE.
- ALL NEW ON-SITE UTILITIES, MAINS AND SERVICES SHALL BE PLACED UNDERGROUND AND EXTENDED TO SERVE THE PROPOSED RESIDENCE.
- 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.
- ALL ROOF RUNOFF SHALL BE DIRECTED TO LANDSCAPED OR NATURAL AREAS AWAY FROM BUILDING FOUNDATIONS, TO ALLOW FOR STORM WATER INFILTRATION INTO THE SOIL AND SHEET FLOW.

**NOTE TO CONTRACTOR**

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

**NOTE:**

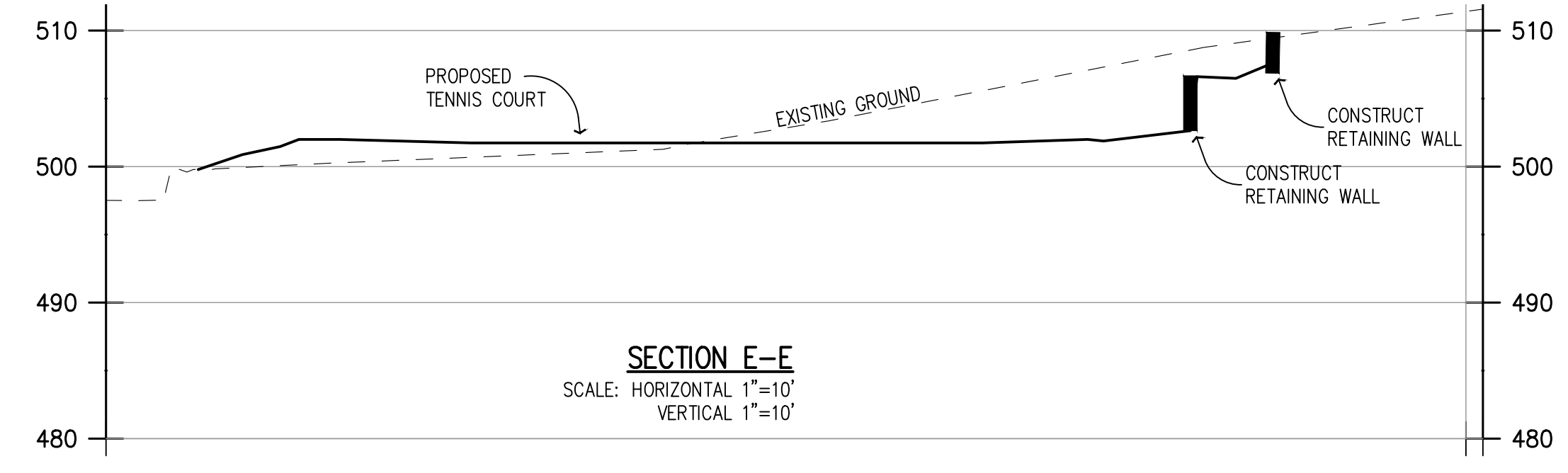
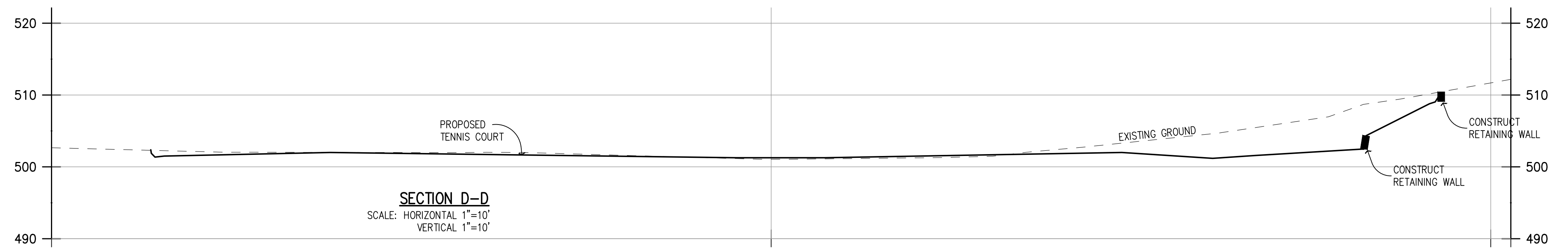
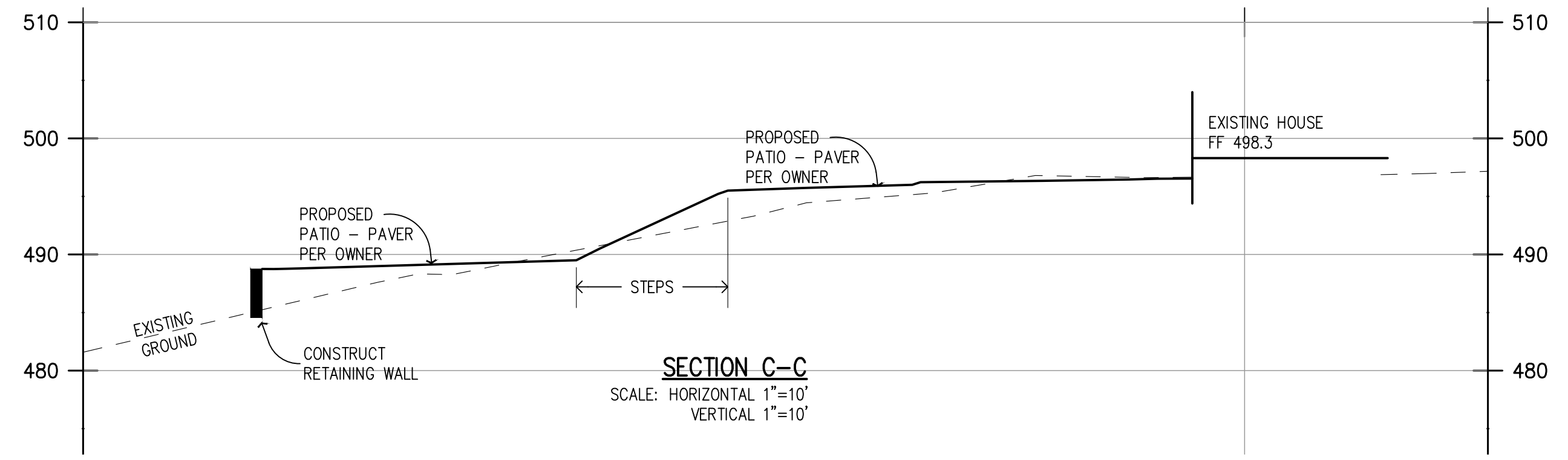
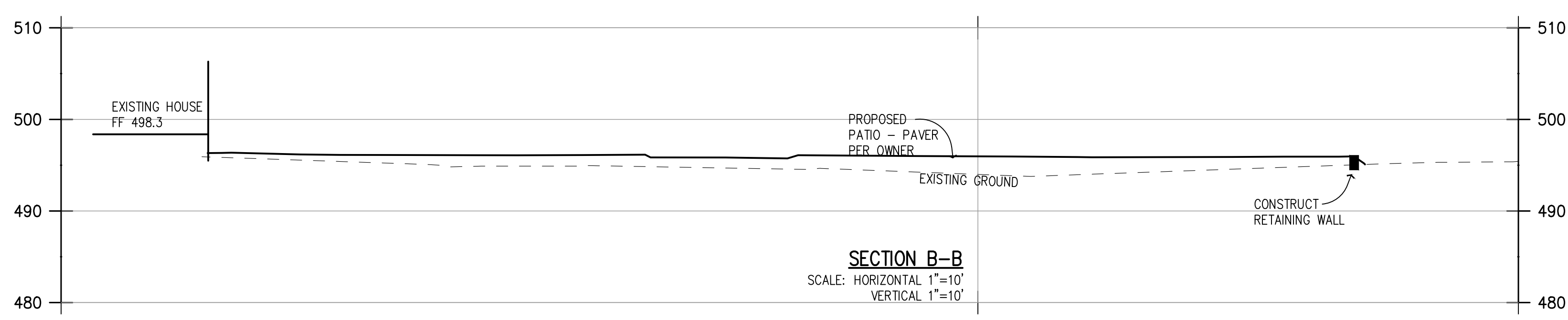
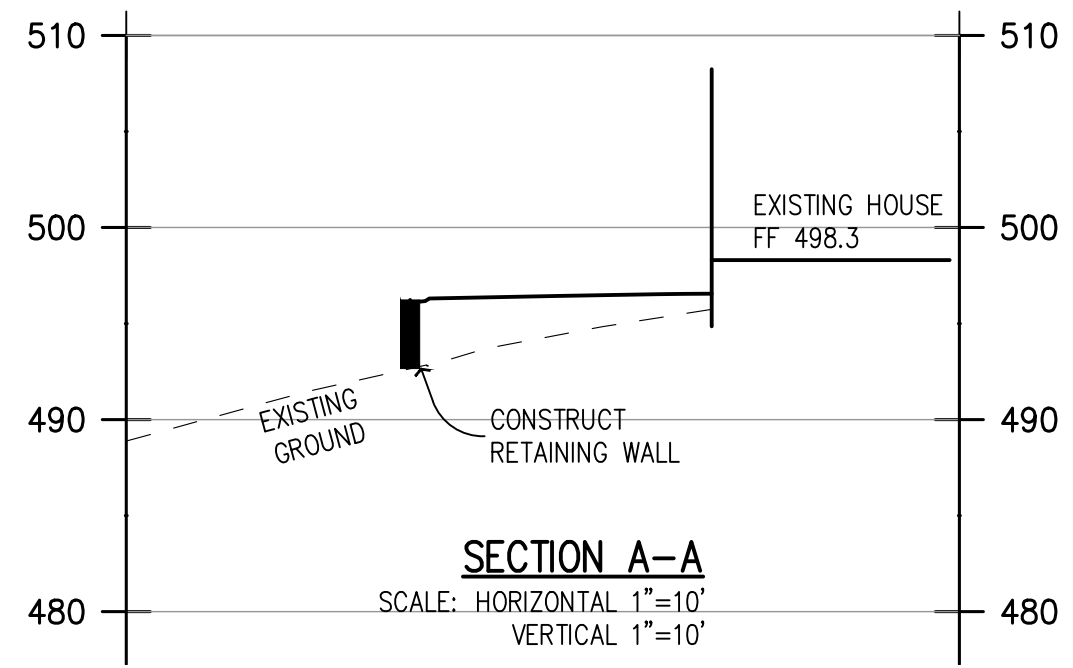
THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING SURVEY MONUMENTS AND OTHER SURVEY MARKERS DURING CONSTRUCTION. ALL SUCH MONUMENTS OR MARKERS DESTROYED DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.

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

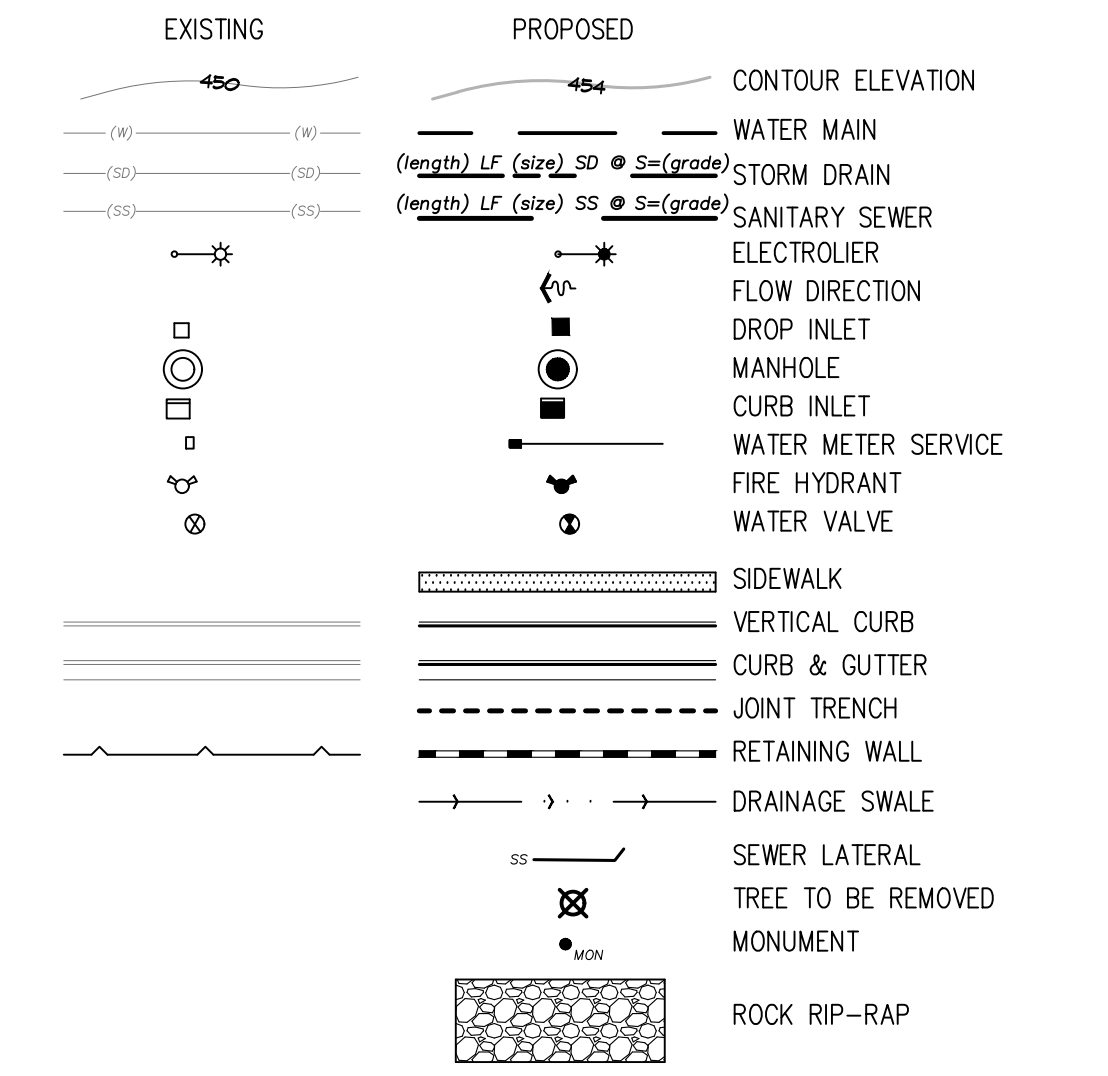
**CONTRACTOR TO VERIFY:**

CONTRACTOR TO VERIFY PRIOR TO CONSTRUCTION OF BUILDING PAD, THE STRUCTURAL SECTION OF FOUNDATION TO DETERMINE BUILDING PAD ELEVATION.  
SEE SOILS REPORT AND/OR STRUCTURAL PLANS TO DETERMINE THE ELEVATION OF THE BUILDING FINISH FLOOR AND PAD.

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



**LEGEND**



**ABBREVIATIONS**

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

PRELIMINARY PLANS  
NOT FOR CONSTRUCTION

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

REVISIONS:		
DATE	DESCRIPTION	BY:

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DATE: JUNE 2024  
HORIZ. SCALE: AS SHOWN  
VERT. SCALE: AS SHOWN  
DESIGNED BY: AM  
CHECKED BY: TM  
DRAWN BY: TM

date: 21  
Hanna - Brunetti  
Amanda Joy Musy-Verdel  
R.C.E. # 69278

REFERENCES

UNINCORPORATED  
JUNE 2024

# Sections, Notes, Legend & Abbreviations

Lands of Brasil - 13211 Clayton Road - apn 612-41-041

SANTA CLARA COUNTY  
CALIFORNIA

SHEET  
**5**  
OF 8  
JOB NO.  
**21017**

APPLICANT: BRASIL  
ROAD: 13211 CLAYTON ROAD  
COUNTY FILE NO.:

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

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



**EROSION CONTROL NOTES**

- EROSION CONTROL MEASURES SHALL BE EFFECTIVE FOR CONSTRUCTION DURING THE RAINY SEASON; OCTOBER 15 THROUGH APRIL 15.
- NO STORM WATER RUNOFF SHALL BE ALLOWED TO DRAIN INTO THE EXISTING AND/OR PROPOSED UNDERGROUND STORM SYSTEM UNTIL SUITABLE EROSION CONTROL MEASURES ARE FULLY IMPLEMENTED. NO STORM WATER RUNOFF SHALL BE ALLOWED TO ENTER THE STORM DRAIN SYSTEM THAT IS NOT CLEAR, AND FREE OF SILTS.
- A FIBER ROLL BARRIER PER "DETAIL SE-5" SHALL BE INSTALL ALONG THE PERIMETER OF THE PROJECT SITE. THE LOCATION OF THE FIBER ROLL ALONG THE PERIMETER SHALL BE ADJUSTED TO ELIMINATE SEDIMENT LADEN RUNOFF FROM LEAVING THE SITE. A FIBER ROLL SHALL ALSO BE REQUIRED AROUND THE PERIMETER OF ANY STOCKPILE OR OTHER SITE OF BARE, LOOSE EARTH.
- ALL STORM DRAIN MANHOLES, CATCH BASINS, AND/OR DROP INLETS THAT ARE TO ACCEPT STORM WATER SHALL HAVE INLET PROTECTION MEASURES PER DETAIL SE-10. STORM WATER RUNOFF SHALL BE DIRECTED TO THESE INLETS ONLY. STORM DRAIN CATCH BASINS THAT ARE NOT COMPLETE, SHALL BE BLOCKED OFF COMPLETELY.
- THE NAME, ADDRESS, AND 24 HOUR TELEPHONE NUMBER OF THE PERSON RESPONSIBLE FOR THE IMPLEMENTATION OF THE EROSION CONTROL PLAN SHALL BE PROVIDED TO THE COUNTY.
- PRIOR TO GRADING, AN ENTRANCE SHALL BE CONSTRUCTED, CONSISTING OF A MINIMUM OF 50 LF OF DRAIN ROCK, 3" IN DIAMETER, PLACED OVER MIRAFI 500X (OR EQUAL) PER DETAIL TC-1. THE ENTRANCE SHALL CONFORM TO "CONSTRUCTION ENTRANCE DETAIL TC-1". THERE SHALL BE ONLY ONE ENTRANCE/EXIT POINT TO THE SITE DURING THE RAINY SEASON. THE LOCATION SHALL BE AS SHOWN ON THESE PLANS, OR AT A LOCATION APPROVED BY THE COUNTY.
- ALL AREAS OF BARE, TURNED OR DISTURBED EARTH SHALL BE STABILIZED BY USE OF HYDROSEED PER THE TABLE BELOW. ALL STOCKPILES, AND/OR BORROW AREAS SHALL BE PROTECTED WITH APPROPRIATE EROSION CONTROL MEASURES SUCH AS A PERIMETER SILT FENCE, AND OTHER METHODS TO PREVENT ANY EROSION OR SILTS MIGRATION. ALL EROSION CONTROL MEASURES SHALL BE MAINTAINED UNTIL DISTURBED AREAS ARE STABILIZED. CHANGES TO THE EROSION CONTROL PLAN SHALL BE MADE TO MEET FIELD CONDITIONS, BUT ONLY WITH THE APPROVAL OF, OR AT THE DIRECTION OF THE COUNTY INSPECTOR. THE STORM DRAIN SYSTEM SHALL MAINTAIN A FORM OF DRAIN INLET PROTECTION UNTIL COUNTY ACCEPTS THE FINAL STREET IMPROVEMENTS. THE DRAIN INLET PROTECTION SHALL BE MAINTAINED, EFFECTIVE AND SUBJECT TO COUNTY INSPECTOR'S APPROVAL.
- ALL PAVED STREET, AND AREAS ADJACENT TO THE SITE SHALL BE KEPT CLEAR OF EARTH MATERIALS AND DEBRIS. THE SITE SHALL BE MAINTAINED SO AS TO ELIMINATE SEDIMENT LADEN RUNOFF FROM ENTERING THE STORM DRAIN SYSTEM.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INSPECT AND REPAIR ALL EROSION CONTROL FACILITIES AT THE END OF EACH DAY DURING THE RAINY SEASON. ANY DAMAGED STRUCTURAL MEASURES ARE TO BE REPAIRED BY END OF THE DAY. TRAPPED SEDIMENT IN "SD INLETS" (AND OTHER EROSION CONTROL MEASURES) SHALL BE REMOVED TO MAINTAIN TRAP EFFICIENCY. REMOVED SEDIMENT SHALL BE DISPOSED BY SPREADING ON SITE, WHERE IT WILL NOT MIGRATE.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PREVENT THE FORMATION OF AIRBORNE DUST NUISANCE AND SHALL BE RESPONSIBLE FOR ANY DAMAGE RESULTING FROM A FAILURE TO DO SO.
- ALL DRAIN SWALES SHALL BE PER DETAIL EC-9.
- INCOMPLETE GRADING SHALL NOT BE ALLOWED. CONTRATOR SHALL MAINTAIN A DRAIN PATH AS SHOWN ON THIS PLAN. SAID DRAIN PATH SHALL BE MAINTAINED LINED DRAIN SWALES, AND INLET PROTECTION AT A MINIMUM. IF PONDING DOES OCCUR ON THE SITE AFTER GRADING, THE WATER MUST BE FREE AND CLEAR OF SEDIMENT PRIOR TO DISCHARGE TO THE STORM DRAIN SYSTEM. THIS REQUIREMENT MAY NECESSITATE THE USE OF NATURAL AND/OR MECHANICAL DESILTING METHODS, SUBJECT TO APPROVAL BY THE COUNTY INSPECTOR.
- IF THESE EROSION CONTROL MEASURE PROVE INADEQUATE, STRAW MULCH, TACKIFIER, AND ADDITIONAL HYDROSEEDING MAY BE REQUIRED.

**HYDROSEED TABLE**

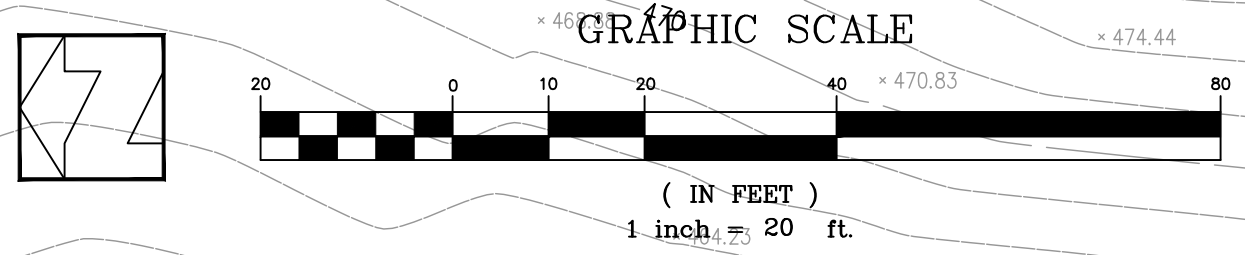
ITEM	LBS/ACRE
COMMON BARLEY	45
ANNUAL RYEGRASS	45
CRIMSON CLOVER	10
FERTILIZER 7-2-3	400
FIBER MULCH	2000
TACKIFIER	100

- ALL GRADING WORK BETWEEN OCTOBER 15th AND APRIL 15th IS AT THE DISCRETION OF THE SANTA CLARA COUNTY BUILDING OFFICIAL.
- PROVIDE SHRUBS AND/OR TREES REQUIRED ON SLOPES GREATER THAN 15 FEET IN VERTICAL HEIGHT.
- THE OWNER/OWNER'S CONTRACTOR, AGENT, AND/OR ENGINEER SHALL INSTALL AND MAINTAIN THROUGHOUT THE DURATION OF CONSTRUCTION AND UNTIL THE ESTABLISHMENT OF PERMANENT STABILIZATION AND SEDIMENT CONTROL WITHIN THE SANTA CLARA COUNTY MAINTAINED ROAD RIGHT OF WAY AND ANY PORTION OF THE SITE WHERE STORM WATER RUN-OFF IS DIRECTLY FLOWING INTO THE SANTA CLARA COUNTY MAINTAINED ROAD RIGHT OF WAY BEST MANAGEMENT PRACTICES (BMP'S) TO PREVENT CONSTRUCTION MATERIALS, EXCAVATED MATERIALS, WASTE MATERIALS, AND SEDIMENT CAUSED BY EROSION FROM CONSTRUCTION ACTIVITIES ENTERING THE STORM DRAIN SYSTEM, WATERWAYS, AND ROADWAY INFRASTRUCTURE. BMP'S SHALL INCLUDE, BUT NOT LIMITED TO, THE FOLLOWING PRACTICES APPLICABLE TO THE PUBLIC ROAD AND EXPRESSWAY FACILITIES:
  - REDUCTION OF POLLUTANTS IN STORM WATER DISCHARGES FROM THE CONSTRUCTION SITE AND THE CONTRACTOR'S MATERIAL AND EQUIPMENT LAYDOWN/STAGING AREAS.
  - PREVENTION OF TRACKING OF MUD, DIRT AND CONSTRUCTION MATERIALS ONTO PUBLIC ROAD RIGHT OF WAY.
  - PREVENTION OF DISCHARGE OF WATER RUNOFF DURING DRY AND WET WEATHER CONDITIONS ONTO PUBLIC ROAD RIGHT OF WAY
- THE OWNER/OWNER'S CONTRACTOR, AGENT, AND/OR ENGINEER 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 MAINTAINED ROAD RIGHT OF WAY AND ANY PORTION OF THE SITE WHERE STORM WATER RUN-OFF IS DIRECTLY FLOWING INTO THE SANTA CLARA COUNTY MAINTAINED ROAD RIGHT OF WAY SHALL HAVE SEASONALLY APPROPRIATE BMP'S INSTALLED AND MAINTAINED AT ALL TIMES.

**PRELIMINARY PLANS  
NOT FOR CONSTRUCTION**

**LEGEND**

- PROVIDE FIBER ROLL SLOPE PROTECTION PER DETAIL SE-5
- PROVIDE STORM DRAIN INLET PROTECTION PER DETAIL SE-10



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

REVISIONS:		
DATE	DESCRIPTION	BY:

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OFFICE (408) 842-2173 - FAX (408) 842-3682  
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DATE: JUNE 2024  
HORIZ. SCALE: 1"=20'  
VERT. SCALE: NONE  
DESIGNED BY: AM  
CHECKED BY: \_\_\_\_\_  
DRAWN BY: TM.

date: \_\_\_\_\_ 21  
Hanna - Brunetti  
Amanda Joy Musy-Verdel  
R.C.E. # 69278

REFERENCES

UN INCORPORATED  
JUNE 2024

## Erosion Control Plan

Lands of Brasil - 13211 Clayton Road - apn 612-41-041

SANTA CLARA COUNTY  
CALIFORNIA

SHEET  
**6**  
OF 8  
JOB NO.  
**21017**

APPLICANT: BRASIL

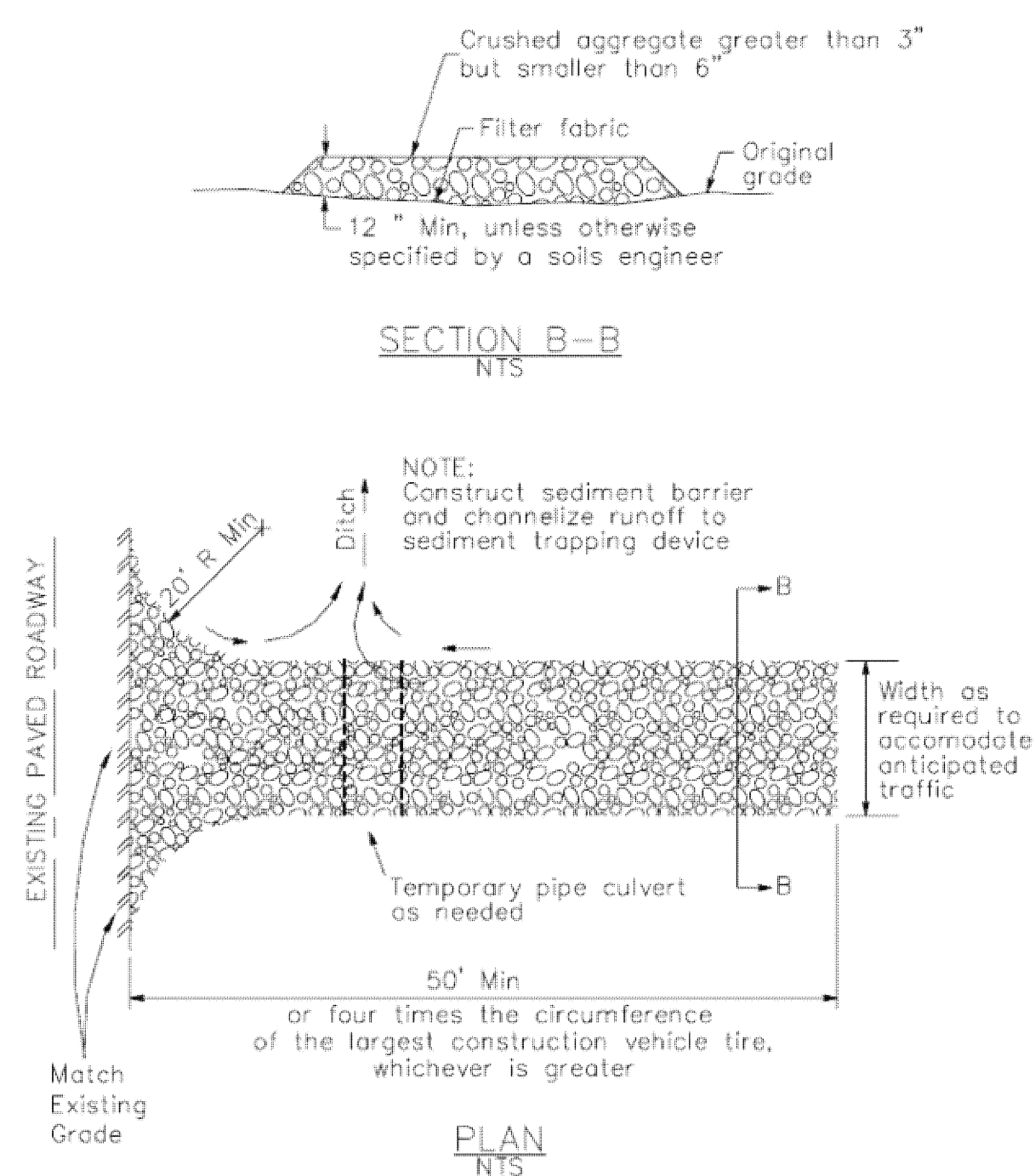
ROAD: 13211 CLAYTON ROAD

COUNTY FILE NO.:

JOB NO. 21017

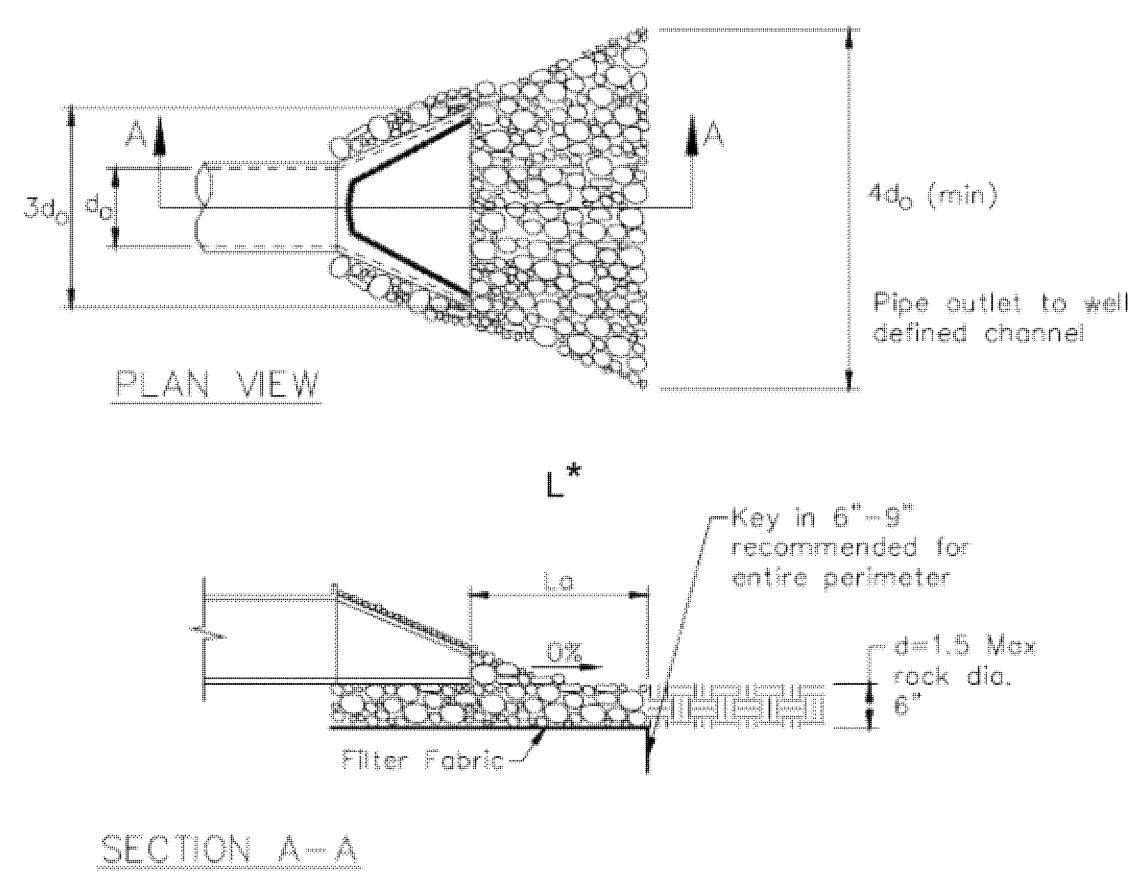
### 3 Stabilized Construction Entrance/Exit

CASQA Detail TC-1



### 4 Velocity Dissipation Devices

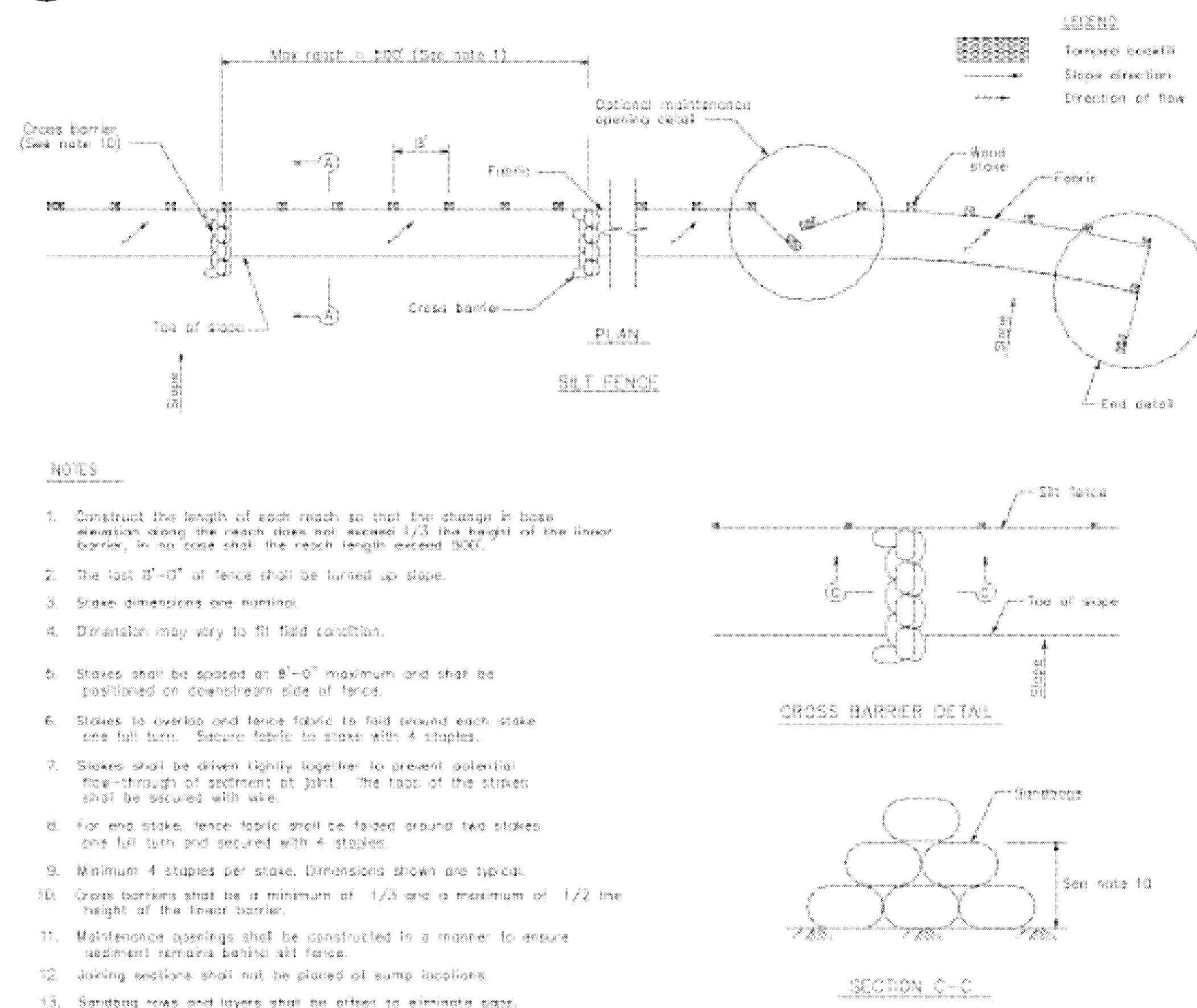
CASQA Detail EC-10



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

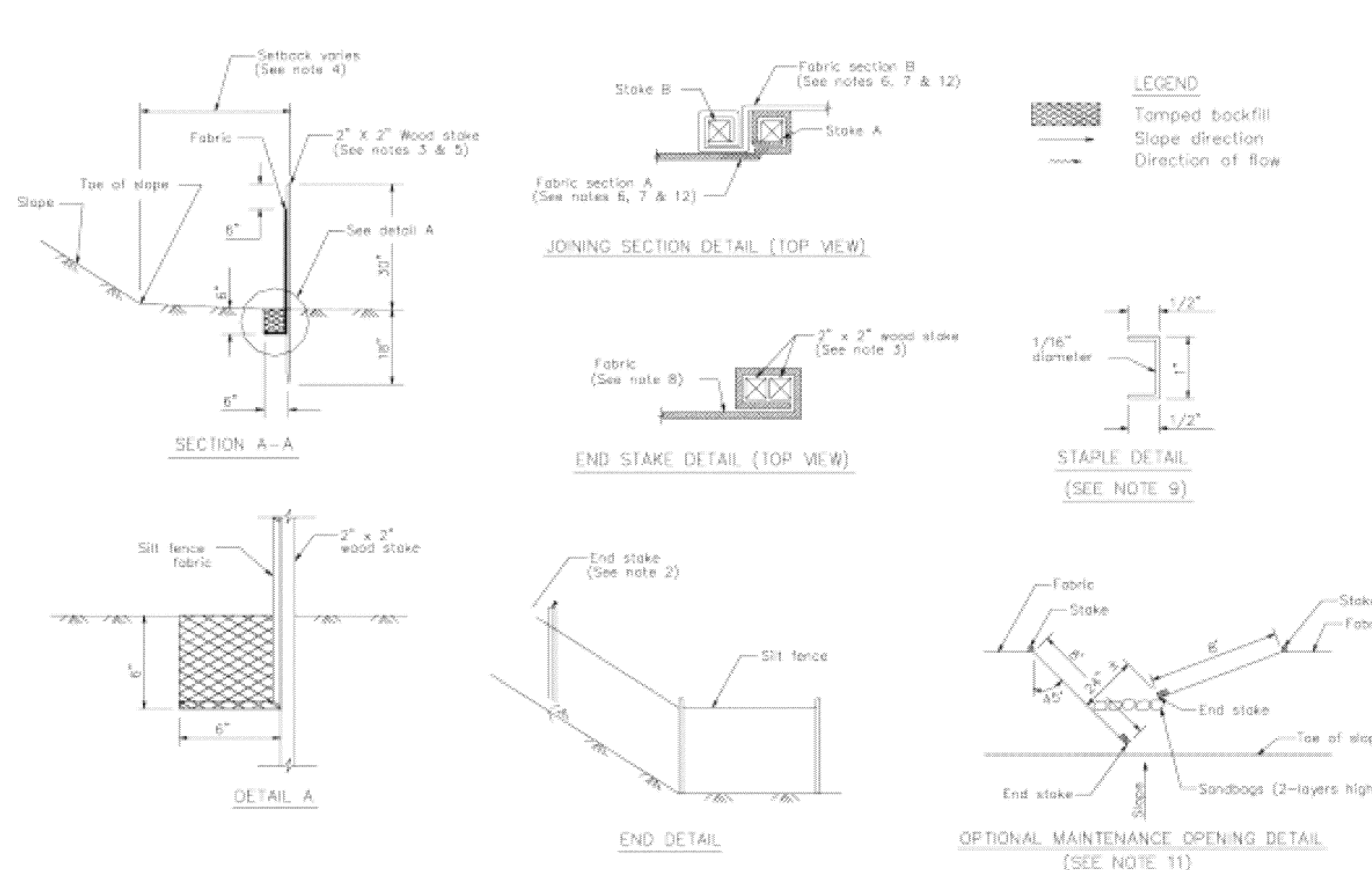
### 1 Silt Fence

CASQA Detail SE-1



### 2 Silt Fence

CASQA Detail SE-1



### STANDARD BEST MANAGEMENT PRACTICE NOTES

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

### STANDARD EROSION CONTROL NOTES

- Sediment Control Management:**
  - Tracking Prevention & Clean Up:** Activities shall be organized and measures taken as needed to prevent or minimize tracking of soil onto the public street system. A gravel or proprietary device construction entrance/exit is required for all sites. Clean up of tracked material shall be provided by means of a street sweeper prior to an approaching rain event, or at least once at the end of each workday that material is tracked, or, more frequently as determined by the County Inspector. Refer to Erosion & Sediment Control Field Manual, 4th Edition (pages B-31 to B-33) or latest.
  - Storm Drain Inlet and Catch Basin Inlet Protection:** All inlets within the vicinity of the project and within the project limits shall be protected with gravel bags placed around inlets or other inlet protection. At locations where exposed soils are present, staked fiber rolls or staked silt fences can be used. Inlet filters are not allowed due to clogging and subsequent flooding. Refer to Erosion & Sediment Control Field Manual, 4th Edition (pages B-49 to B-51) or latest.
  - Storm Water Runoff:** No storm water runoff shall be allowed to drain in to the existing and/or proposed underground storm drain system or other above ground watercourses until appropriate erosion control measures are fully installed.
  - Dust Control:** The contractor shall provide dust control in graded areas as required by providing wet suppression or chemical stabilization of exposed soils, providing for rapid clean up of sediments deposited on paved roads, furnishing construction road entrances and vehicle wash down areas, and limiting the amount of areas disturbed by clearing and earth moving operations by scheduling these activities in phases.
  - Stockpiling:** Excavated soils shall not be placed in streets or on paved areas. Borrow and temporary stockpiles shall be protected with appropriate erosion control measures (tarps, straw bales, silt fences, etc.) to ensure silt does not leave the site or enter the storm drain system or neighboring watercourse.
- Erosion Control:** During the rainy season, all disturbed areas must include an effective combination of erosion and sediment control. It is required that temporary erosion control measures are applied to all disturbed soil areas prior to a rain event. During the non-rainy season, erosion control measures must be applied sufficient to control wind erosion at the site.
- Inspection & Maintenance:** Disturbed areas of the Project's site, locations where vehicles enter or exit the site, and all erosion and sediment controls that are identified as part of the Erosion Control Plans must be inspected by the Contractor before, during, and after storm events, and at least weekly during seasonal wet periods. Problem areas shall be identified and appropriate additional and/or alternative control measures implemented immediately, within 24 hours of the problem being identified.
- Project Completion:** Prior to project completion and signoff by the County Inspector, all disturbed areas shall be reseeded, planted, or landscaped to minimize the potential for erosion on the subject site.
- It shall be the Owner's/Contractor's responsibility to maintain control of the entire construction operation and to keep the entire site in compliance with the erosion control plan.
- Erosion and sediment control best management practices shall be operable year round or until vegetation is fully established on landscaped surfaces.

DRAINAGE PLAN

FOR THE  
HOME GRADING AND DRAINAGE  
ON THE LANDS OF BRASIL  
13211 CLAYTON ROAD, SAN JOSE  
PARCEL 1, AS DELINEATED UPON THAT CERTAIN PARCEL MAP  
FILED OCTOBER 19th, 1979 IN BOOK 462 OF MAPS, AT PAGES 3 AND 4  
SANTA CLARA COUNTY, CALIFORNIA  
A.P.N.: 6112-41-041

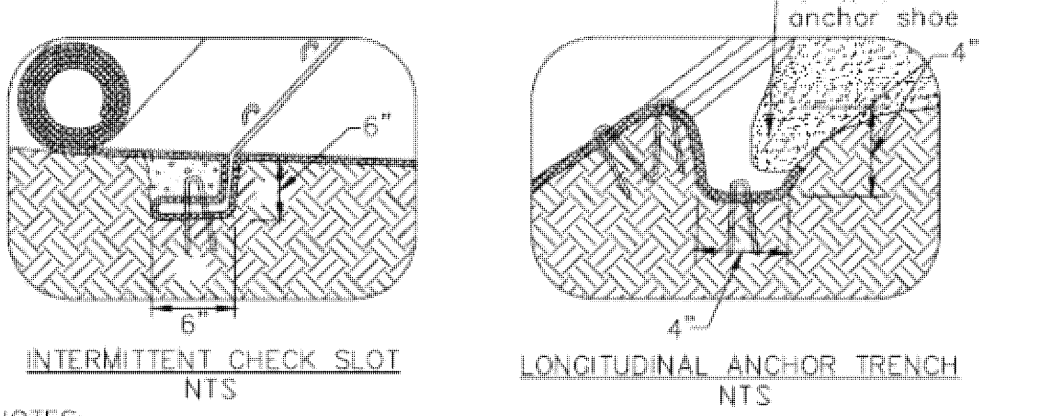
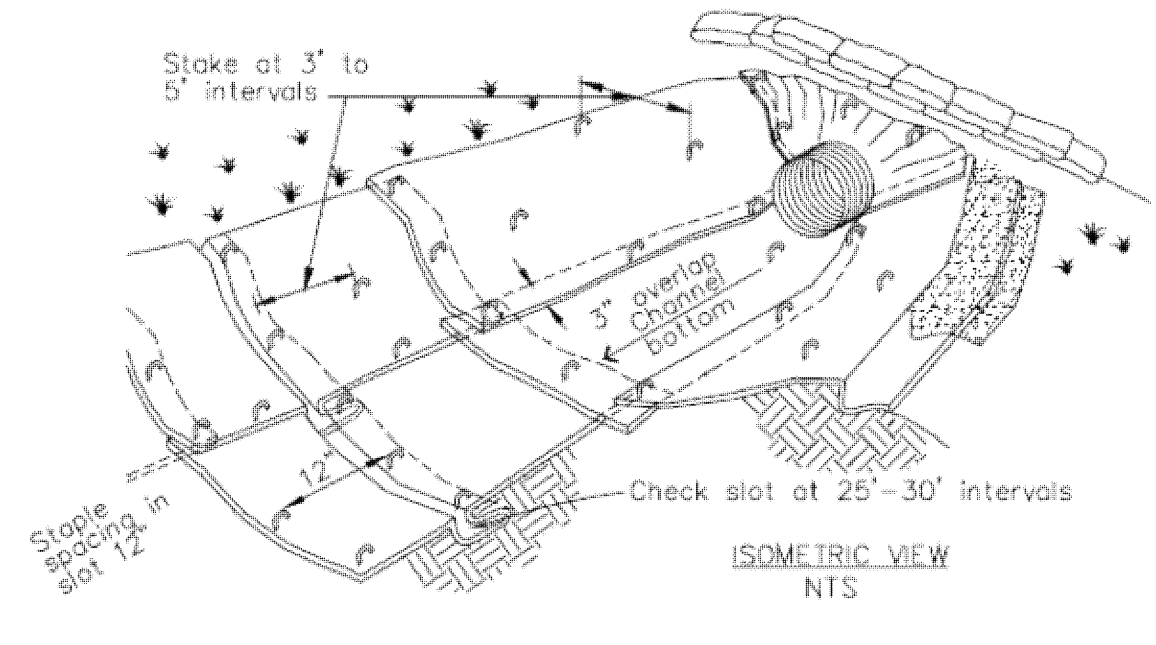
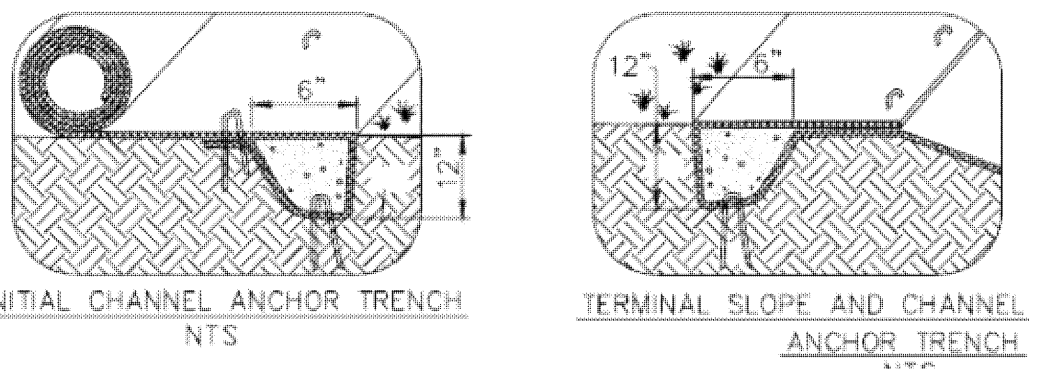
Project Information



7

### Geotextiles and Mats

CASQA Detail EC-7



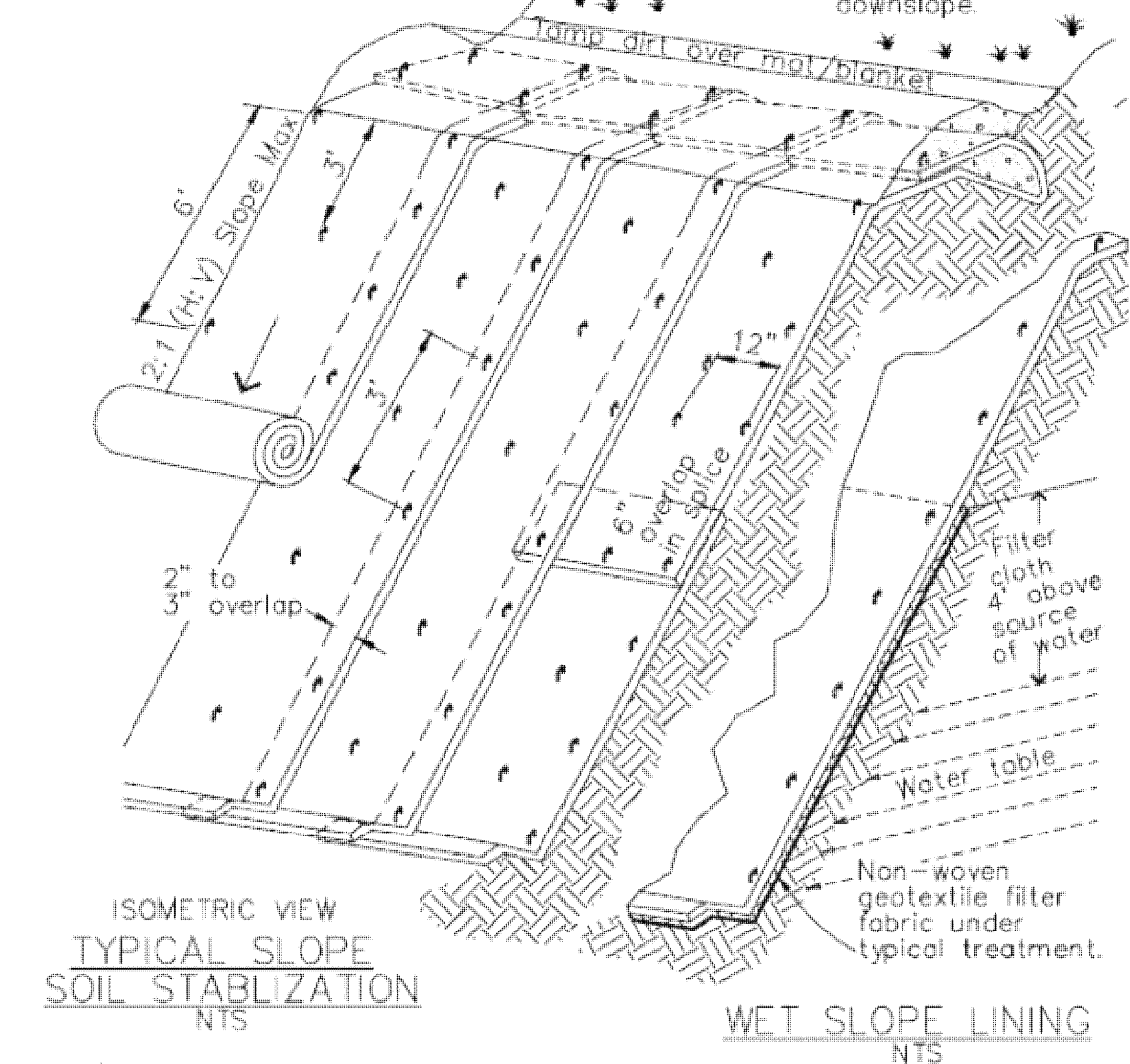
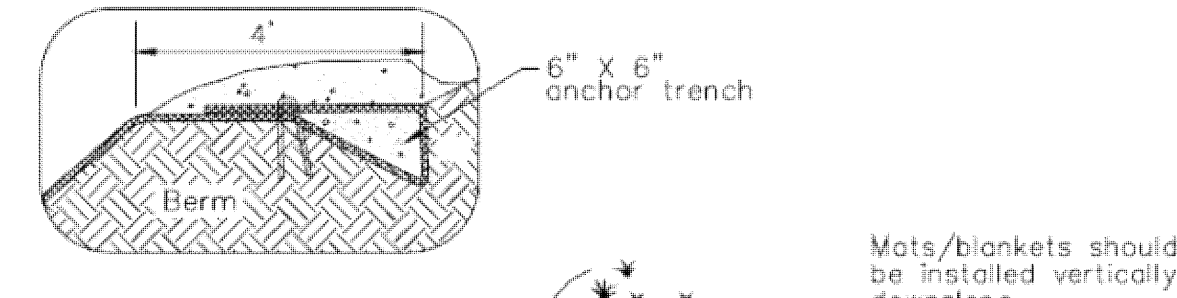
- NOTES:
1. Check slots to be constructed per manufacturer's specifications.
  2. Staking or stapling layout per manufacturer's specifications.
  3. Install per manufacturer's recommendations.

TYPICAL INSTALLATION DETAIL

5

### Geotextiles and Mats

CASQA Detail EC-7



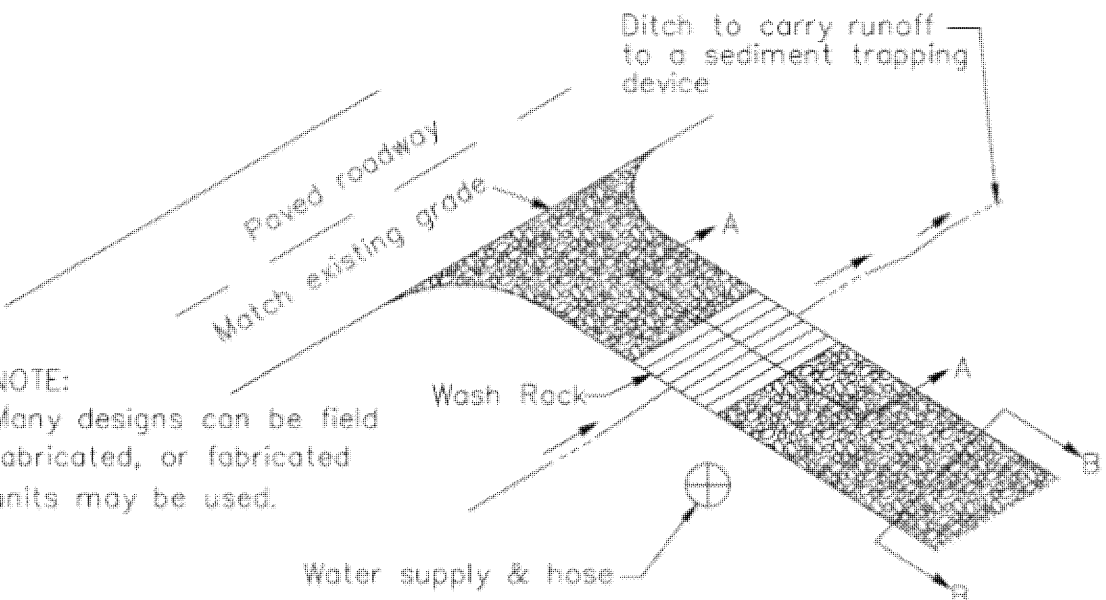
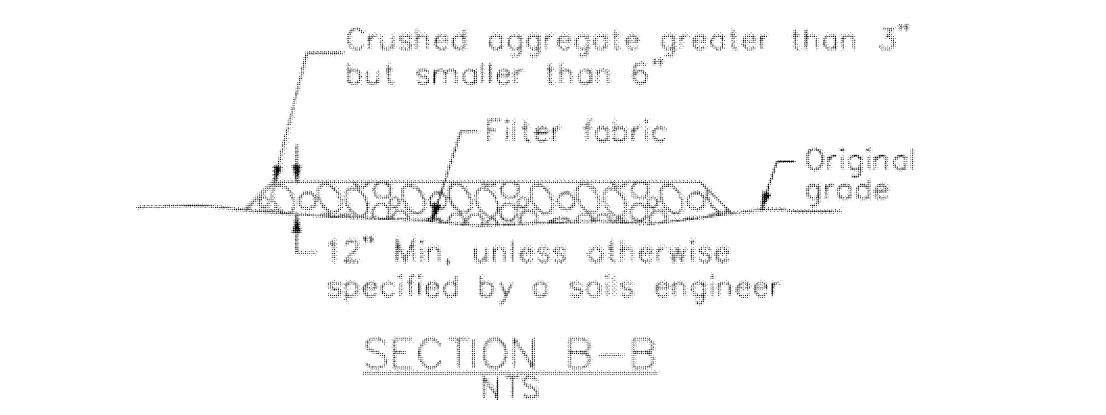
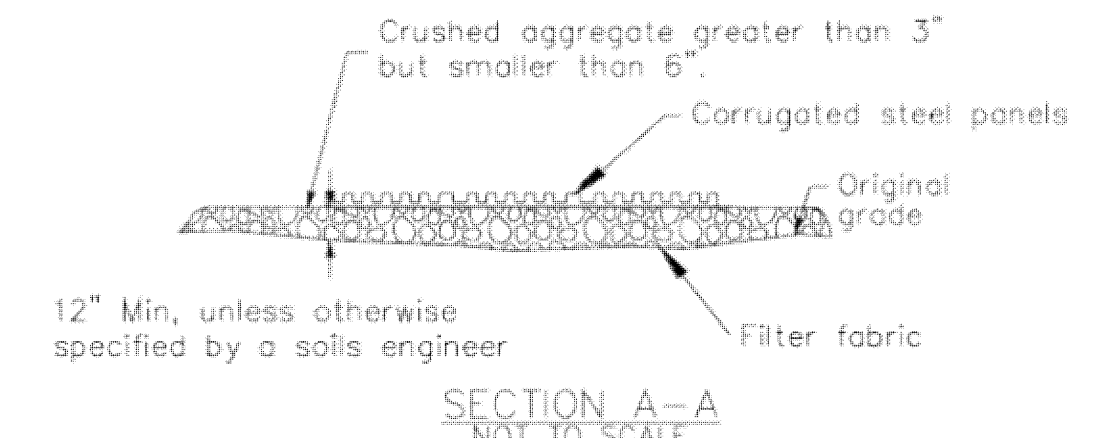
- NOTES:
1. Slope surface shall be free of rocks, clods, sticks and grass. Mats/blankets shall have good soil contact.
  2. Lay blankets loosely and stake or staple to maintain direct contact with the soil. Do not stretch.
  3. Install per manufacturer's recommendations.

TYPICAL INSTALLATION DETAIL

3

### Entrance/Outlet Tire Wash

CASQA Detail TC-3



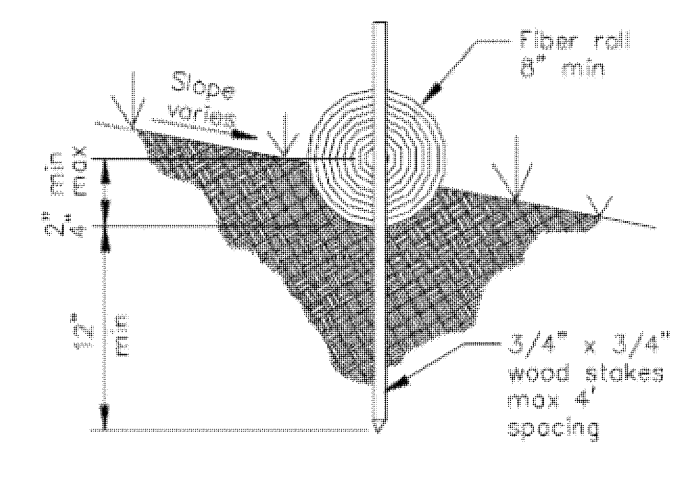
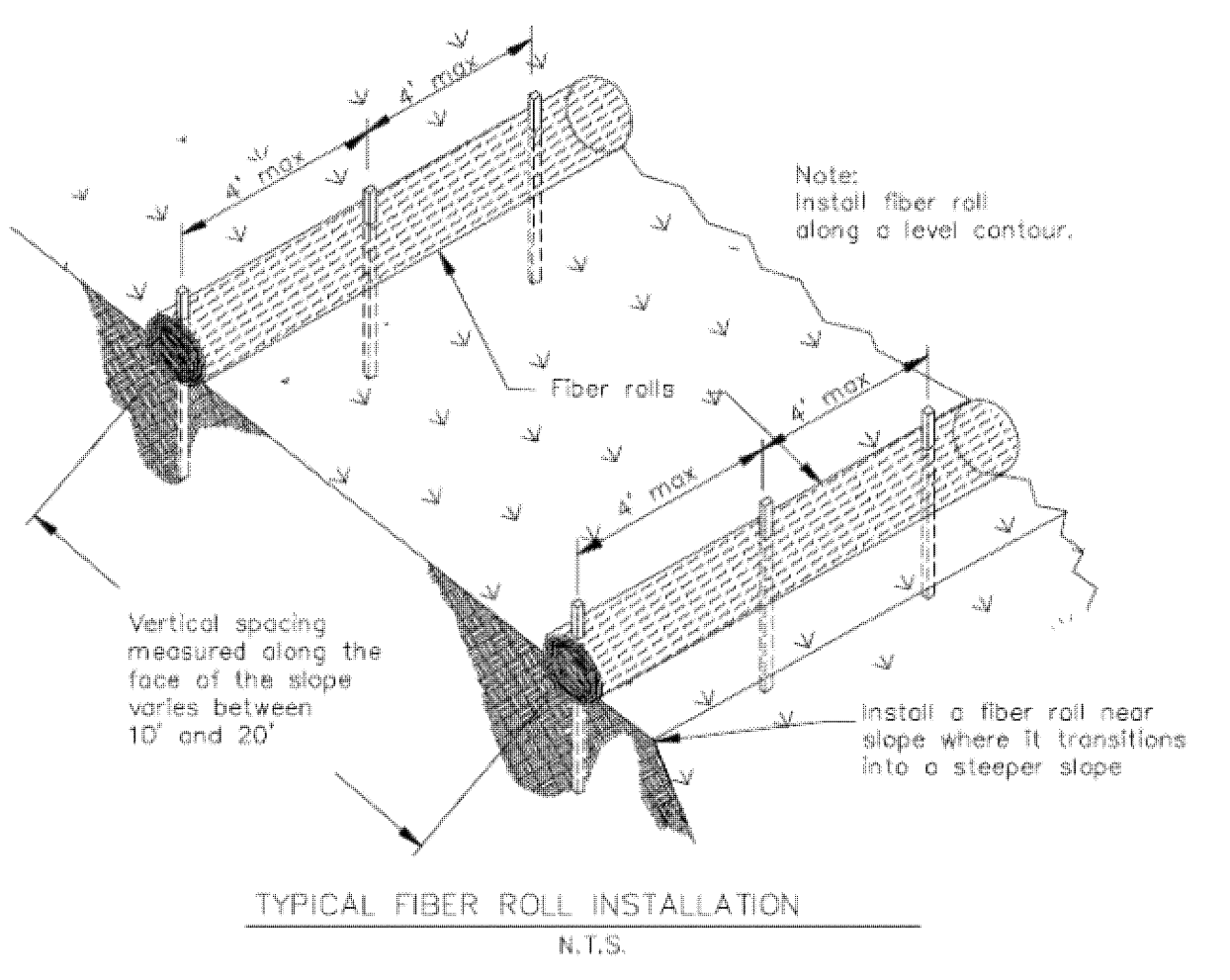
NOTE: Many designs can be field fabricated, or fabricated units may be used.

TYPICAL TIRE WASH NOT TO SCALE

1

### Fiber Rolls

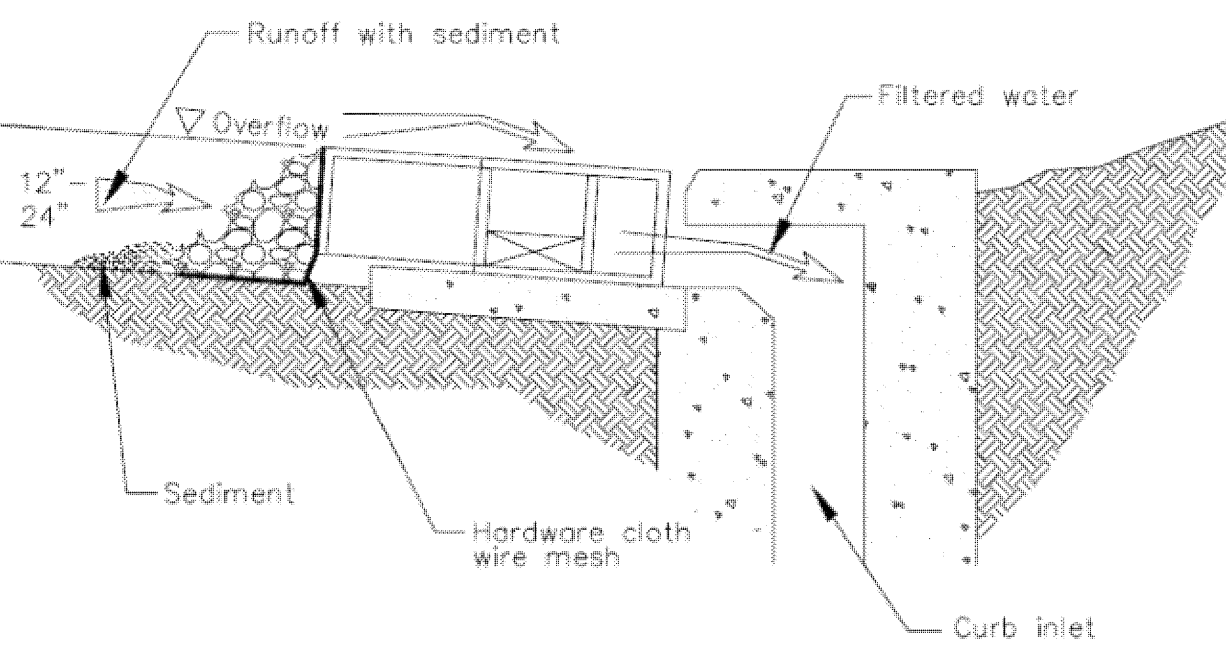
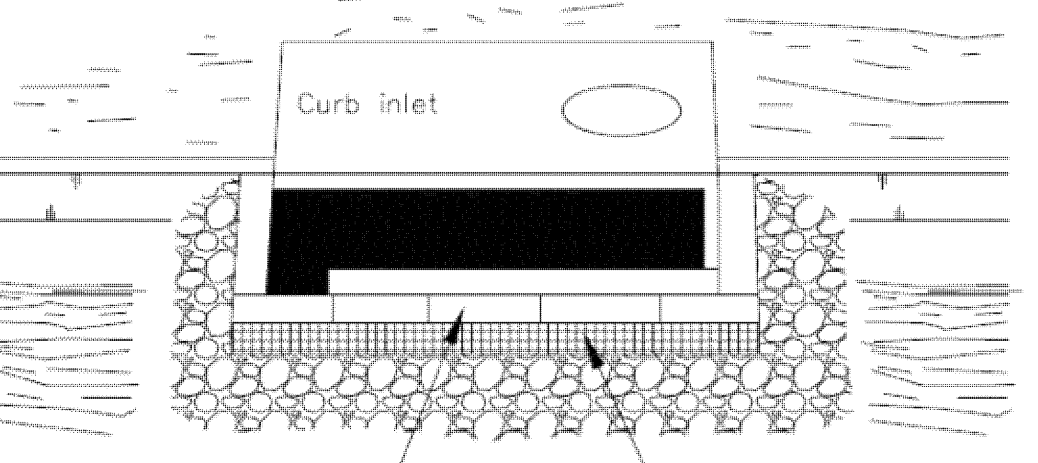
CASQA Detail SE-5



8

### Storm Drain Inlet Protection

CASQA Detail SE-10

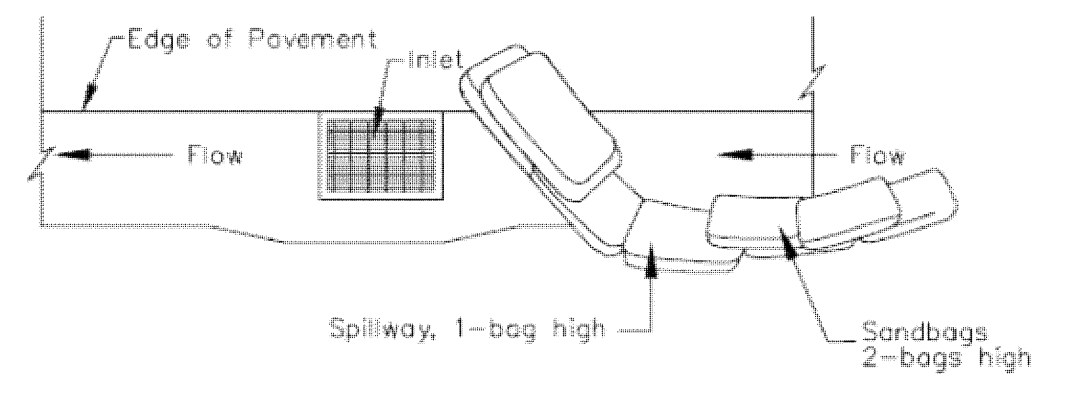
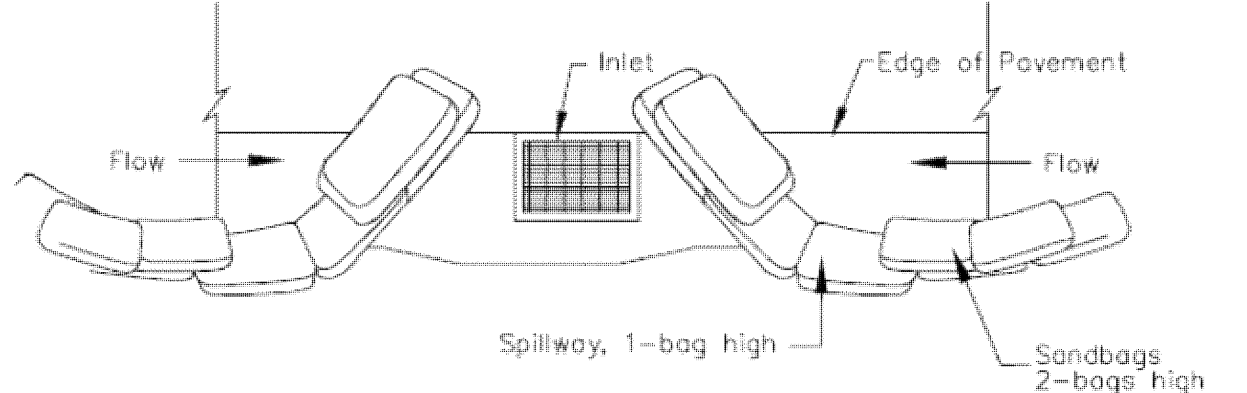


DI PROTECTION - TYPE 4 NOT TO SCALE

6

### Storm Drain Inlet Protection

CASQA Detail SE-10



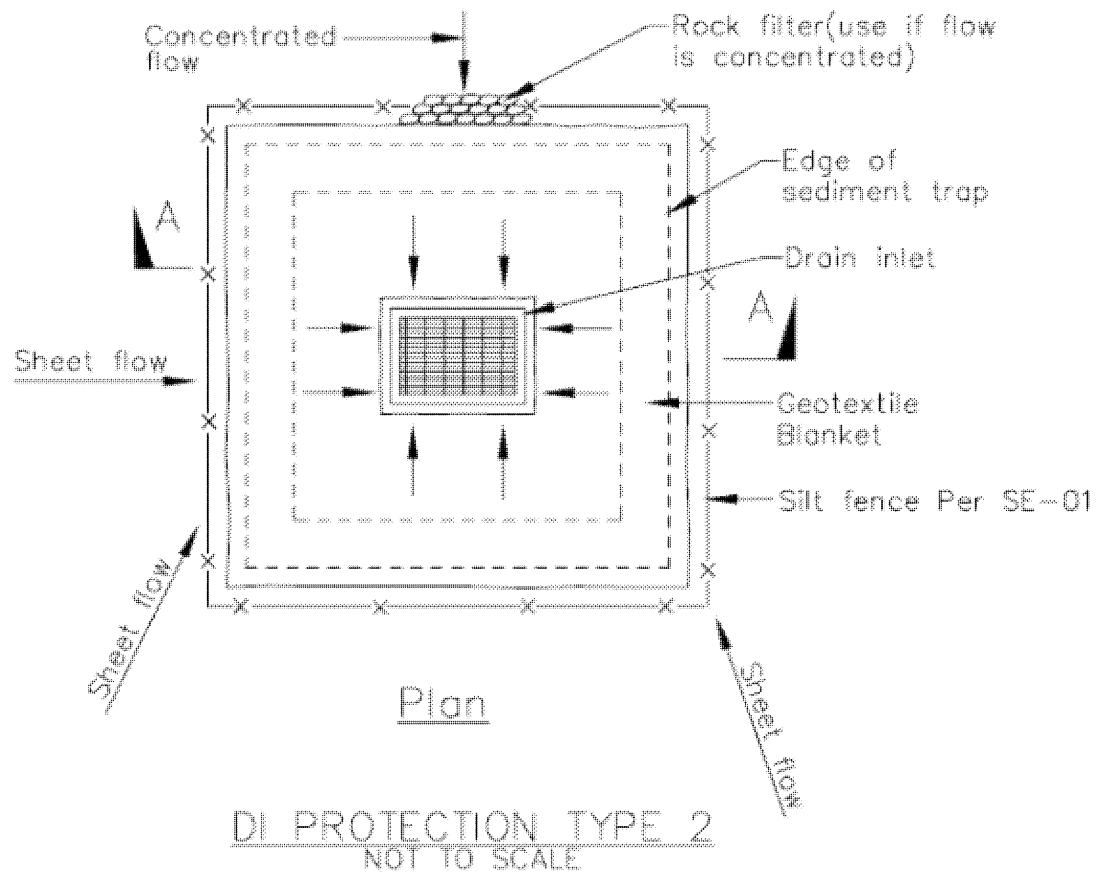
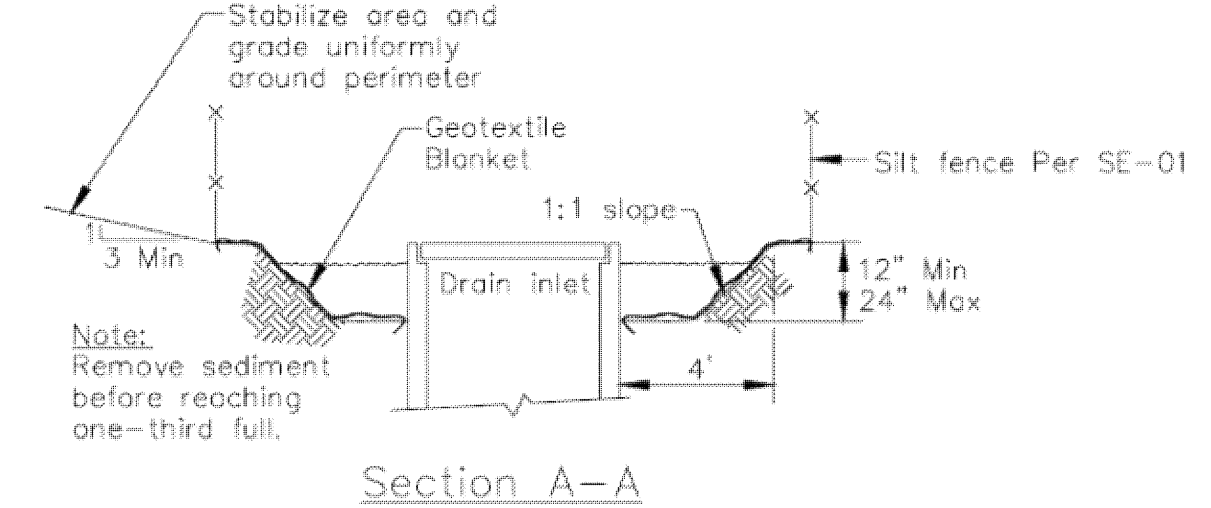
- NOTES:
1. Intended for short-term use.
  2. Use to inhibit non-storm water flow.
  3. Allow for proper maintenance and cleanup.
  4. Bags must be removed after adjacent operation is completed.
  5. Not applicable in areas with high silts and clays without filter fabric.

DI PROTECTION TYPE 3 NOT TO SCALE

4

### Storm Drain Inlet Protection

CASQA Detail SE-10

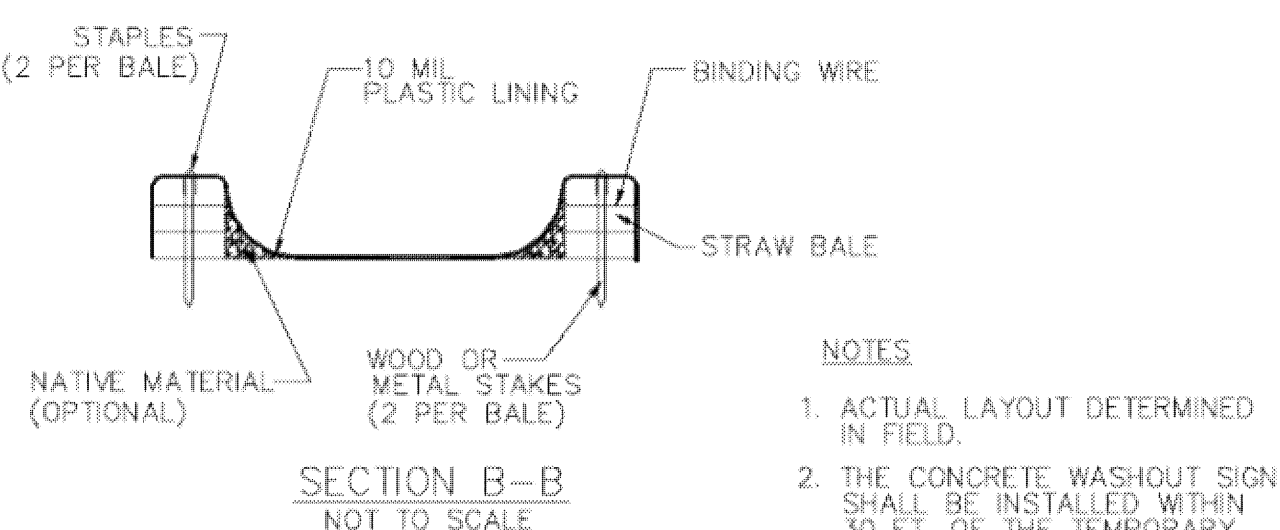
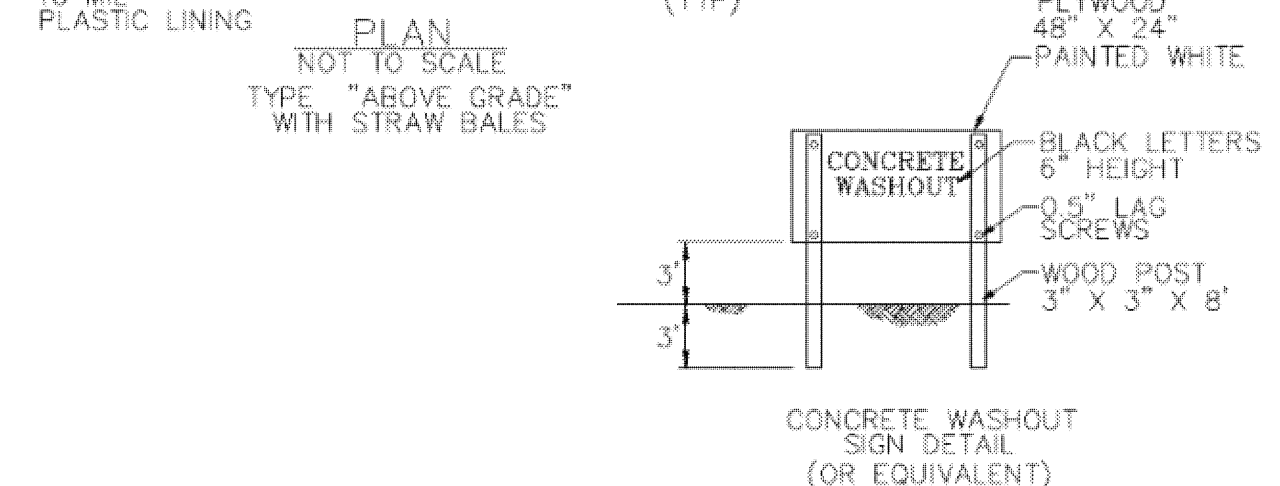
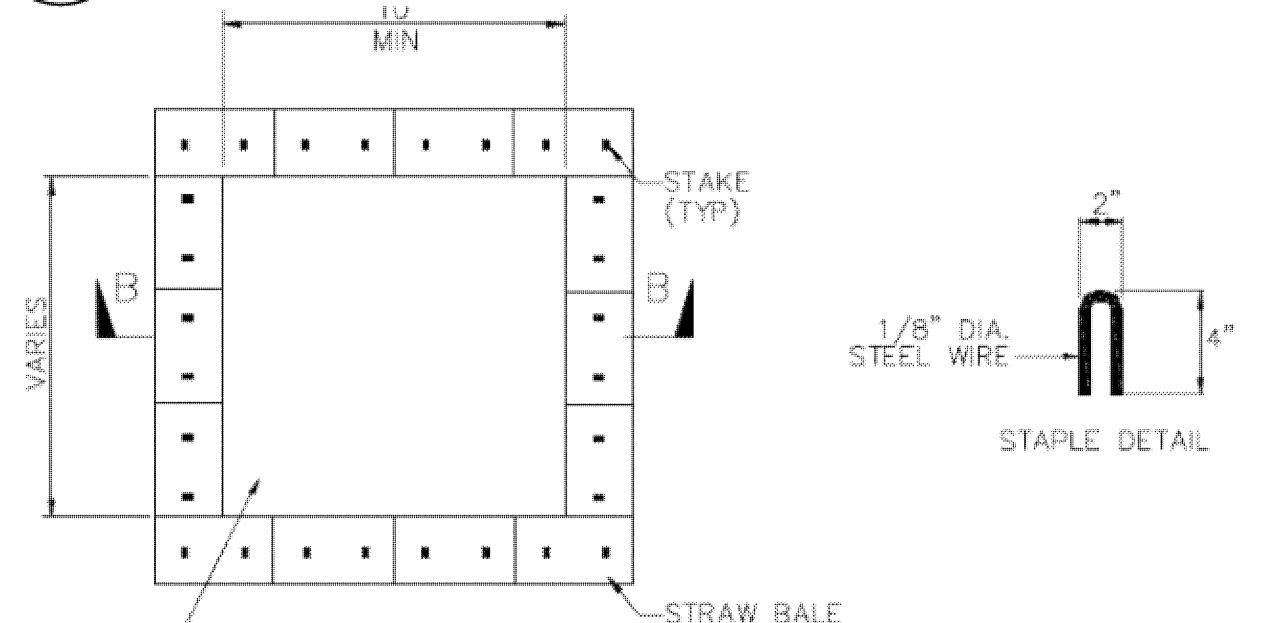


- Notes
1. For use in cleared and grubbed and in graded areas.
  2. Shape basin so that longest inflow area faces longest length of trap.
  3. For concentrated flows, shape basin in 2:1 ratio with length oriented towards direction of flow.

2

### Concrete Waste Management

CASQA Detail WM-8



- NOTES
1. ACTUAL LAYOUT DETERMINED IN FIELD.
  2. THE CONCRETE WASHOUT SIGN SHALL BE INSTALLED WITHIN 30 FT. OF THE TEMPORARY CONCRETE WASHOUT FACILITY.

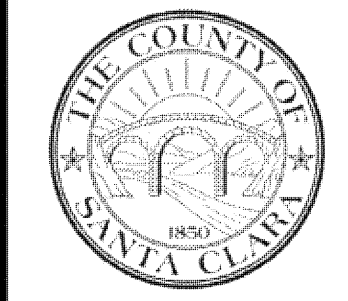
Source for Graphics: California Stormwater BMP Handbook, California Stormwater Quality Association, January 2003. Available from [www.cabmphandbooks.com](http://www.cabmphandbooks.com).

DRAINAGE PLAN

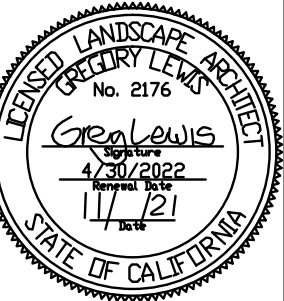
FOR THE HOME GRADING AND DRAINAGE ON THE LANDS OF BRASIL 13211 CLAYTON ROAD, SAN JOSE

PARCEL 1 AS DELINEATED UPON THAT CERTAIN PARCEL MAP FILED OCTOBER 19th 1979 IN BOOK 462 OF MAPS, AT PAGES 3 AND 4 SANTA CLARA COUNTY, CALIFORNIA A.P.N.: 612-41-041

Project Information







### Plant Notes

- 1) Planting and irrigation will follow all of Water Efficient Landscape Ordinance (WELCO) that applies. All plants will be drip irrigated
- 2) Exact location of plants on site to be adjusted so as to best coordinate with sprinkler head locations, lights, drainage features, and swales
- 3) Use 3 inch deep walk on bark top dress mulch in all planting areas. Bid Mahogany dark brown Wonder mulch from Vision Recycling. Provide optional samples and prices to owner for different types of mulch. Options should be types of mulch that don't easily blow away and hold to slopes. Avoid using "Gorilla Hair" mulch if possible.
- 4) Install plants for all plant circles shown on the plan even if they aren't labeled. Call for clarification. For bidding purposes, if no one is available to answer questions, assume that any plant circle scaled less than 8" wide is 5 gal. size and any circle scaled larger is 24" box size
- 5) The plan is schematic. Don't install plants too close to edges of paving or buildings.

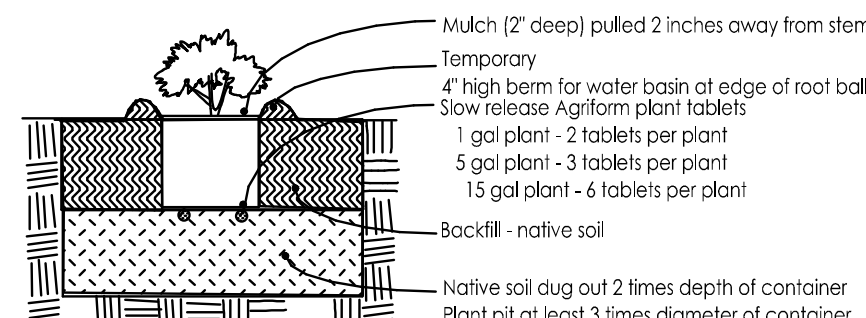
### Plant Legend

Plants will be selected from this list

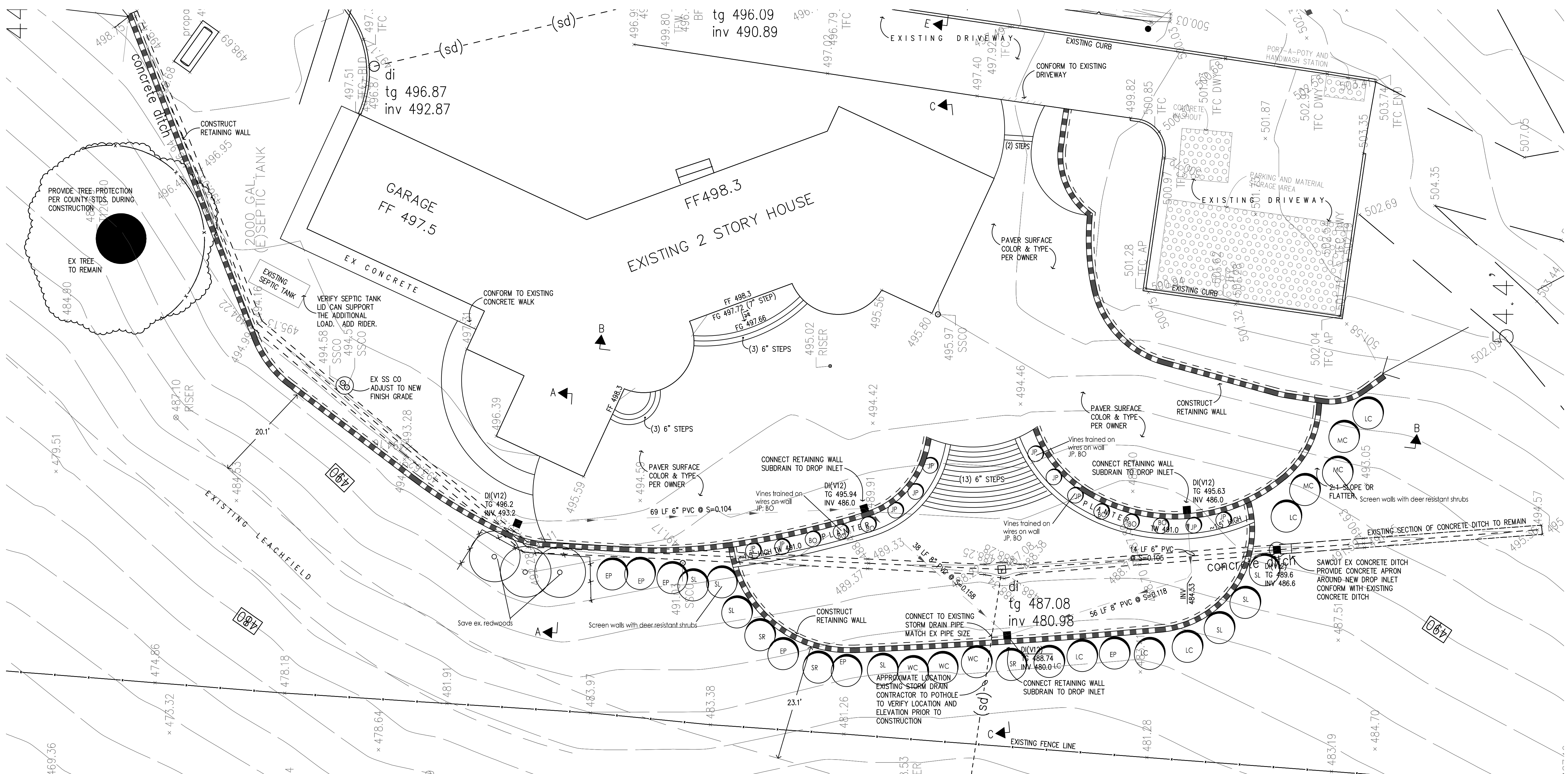
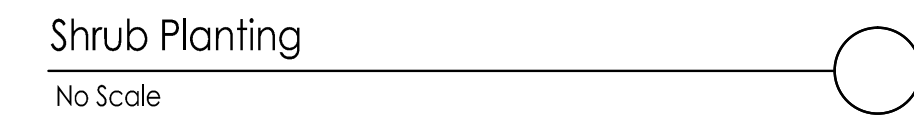
KEY	SIZE	WATER RATING	BOTANICAL NAME	COMMON NAME
SCREEN SHRUBS for screening retaining walls - plants 3' to 5' tall				
MC	1	LOW	Myrtus communis	Myrtle
SR	1	LOW	Salvia Lipstick	Sage
WC	1	LOW	Westringia Morning Light	Coast Rosemary
LC	1	LOW	Lantana Miss Huff or Radiation	Lantana
SL	1	LOW	Salvia leucantha	Mexican Sage
EP	1	LOW	Euryops pectinatus	Euryops Daisy

VINES for WALL - train on stainless steel wires fastened to face of wall				
JP	1	MED	Jasminum polyanthum	Jasmine
BO	1	LOW	Bougainvillea - color selected by owner	

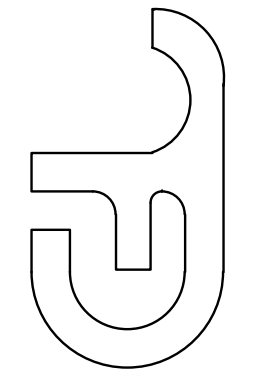
Ask owners if they want to upsize any of the plants ie 1 gal to 5 gal  
 Ask owners if they want plants installed in gopher baskets - provide extra bid for this  
 These plants are found on the Western Garden Book Deer Resistant Plant List but deer may still eat them as it isn't possible to always predict what deer will nibble on



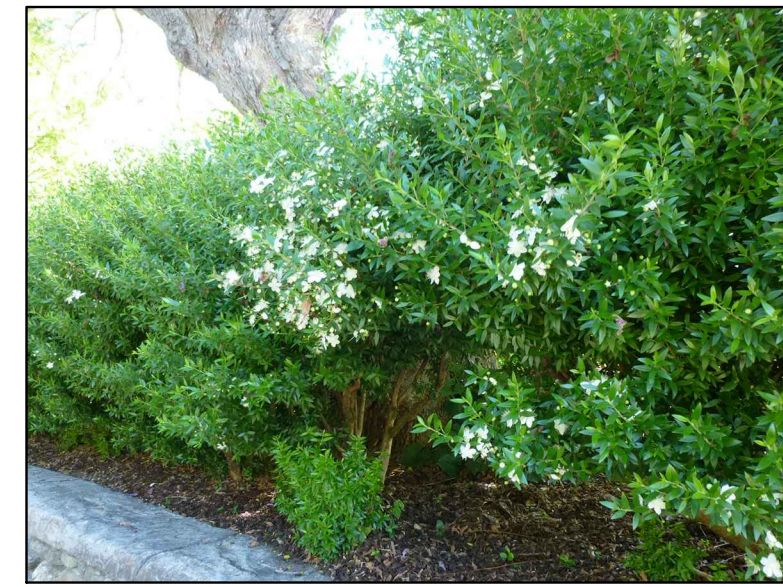
- 1) 8-12 hours before installation, water all plants while still in containers sufficiently to thoroughly wet root balls
- 2) Dig the plant hole at least 3 times the dia. and 2 times the depth of the plant container.
- 3) Replace this mixture in bottom half of hole and walk on it. The level of it should be such that when the plant is installed and settled it will be slightly above grade of existing soil. Fill hole with water.
- 4) Remove rootball carefully from container by tapping out, not pulling out by the stem. Scarily rootball walk in 3 vertical cuts and bottom to 1/2" deep, or by cutting roots of 1/2" or larger with shears. Do not pull roots apart.
- 5) Install fertilizer packets under rootball of plant. Set rootball on prepared surface and fill hole to 1/2 the depth, tamping soil around rootball. Fill hole with water.
- 6) Fill the remainder of the hole with backfill and pack it but do not tamp rootball.
- 7) Make the water basin.
- 8) Water shrub thoroughly within 1 hour of planting by filling the basin and allowing the water to percolate in, doing this 3 times or more until root ball and backfill is wet
- 9) Install mulch



Retaining Wall Screening Plan 1"=10'-0"



Euryops pectinatis  
Euryops Daisy



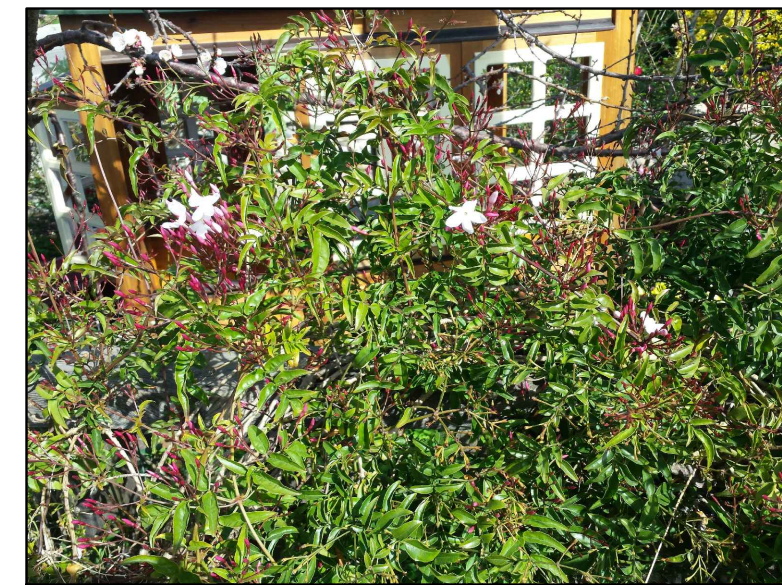
Myrtus communis  
Myrtle



Westringia Morning Light  
Compact Westringia



Salvia Hot Lips



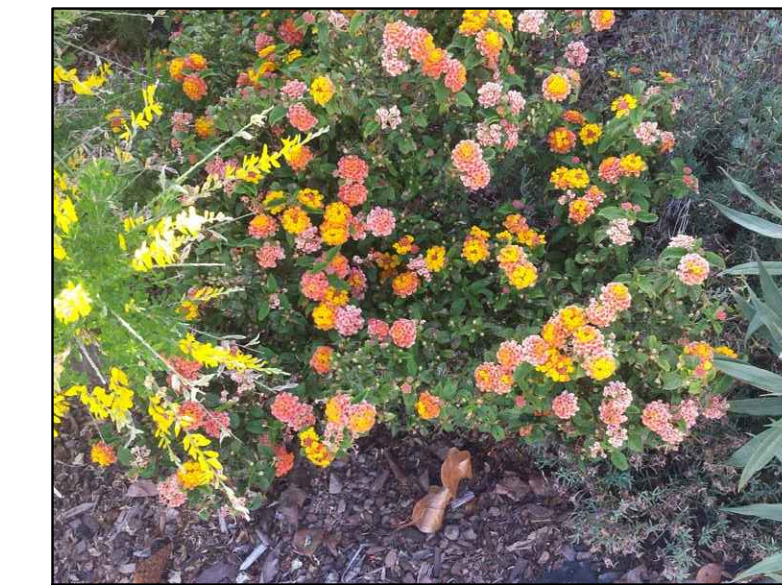
Jasminum polyanthum  
vine trained on retaining wall



Bougainvillea  
vine trained on retaining wall

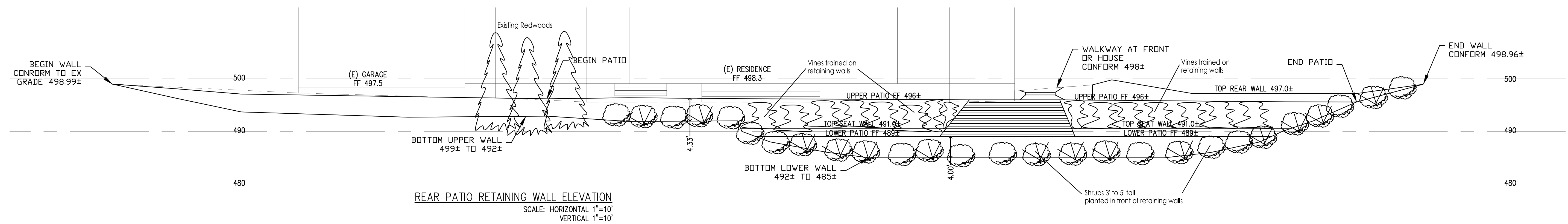


Salvia leucantha  
Mexican Sage



Lantana

### Plant Images



### Retaining Wall Screening Elevation

