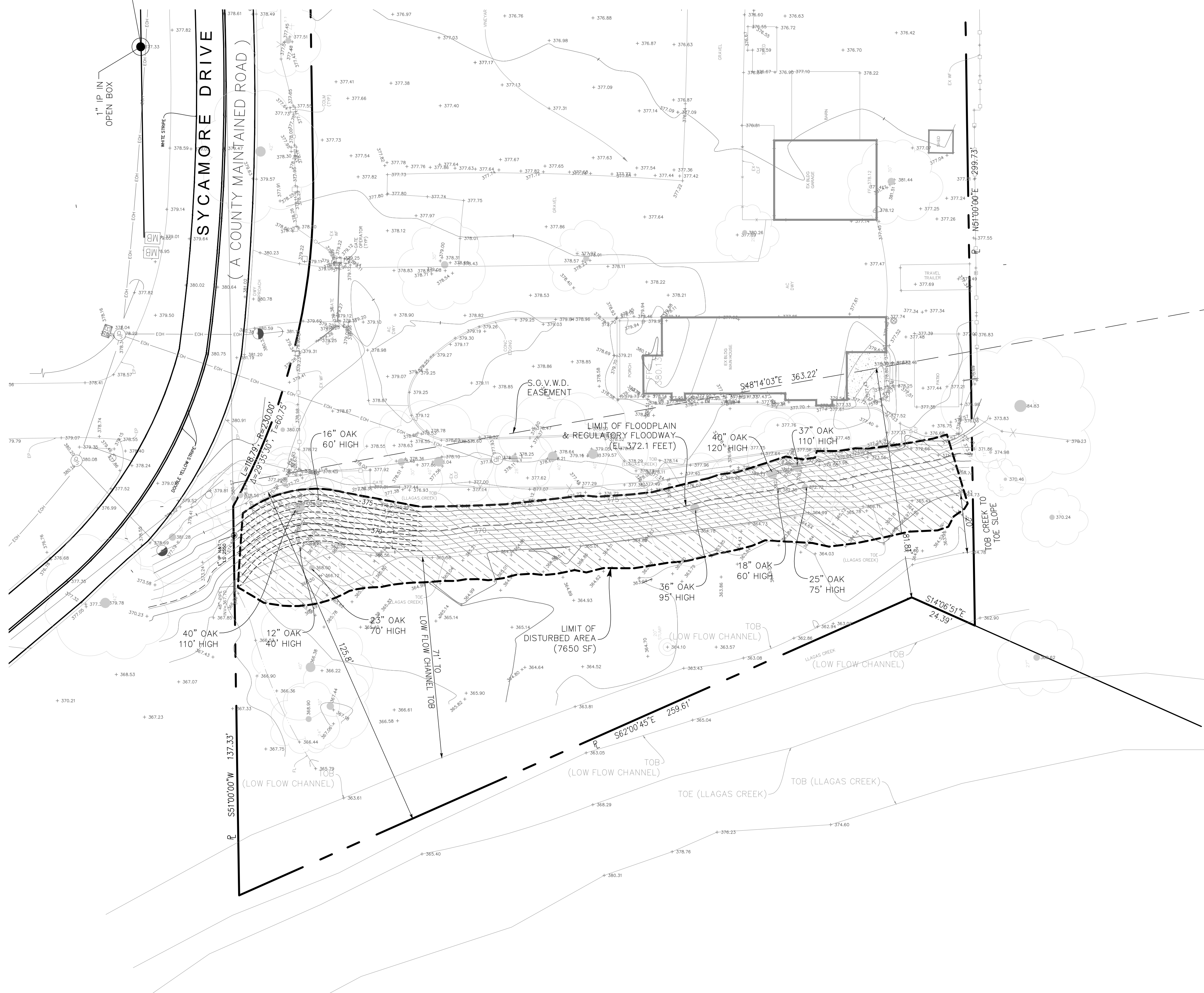


APPLICANT : SILVA

ROAD NAME : SYCAMORE DRIVE

CITY FILE NO :




DRAWING NO.		PROJECT NO.		CONTRACT NO.	
C2		Morgan Hill		California	
SHT NO.		2 of 8		APN 776-02-025	
PRE & POST VIOLATION PLAN		LANDS OF SILVA		15170 SYCAMORE DRIVE	
NO.		BY		DATE	
REVISIONS		APPD		DATE	
NO.		BY		DATE	
DESIGNED		DATE		04/21/2021	
DRAWN		DATE		04/21/2021	
SCALE		CHECKED		04/23/2021	
NC		NC		04/23/2021	
04/21/2021		04/21/2021		04/23/2021	



1. ALL UNPERMITTED FILL IN THE DISTURBED AREAS SHALL BE FULLY REMOVED.

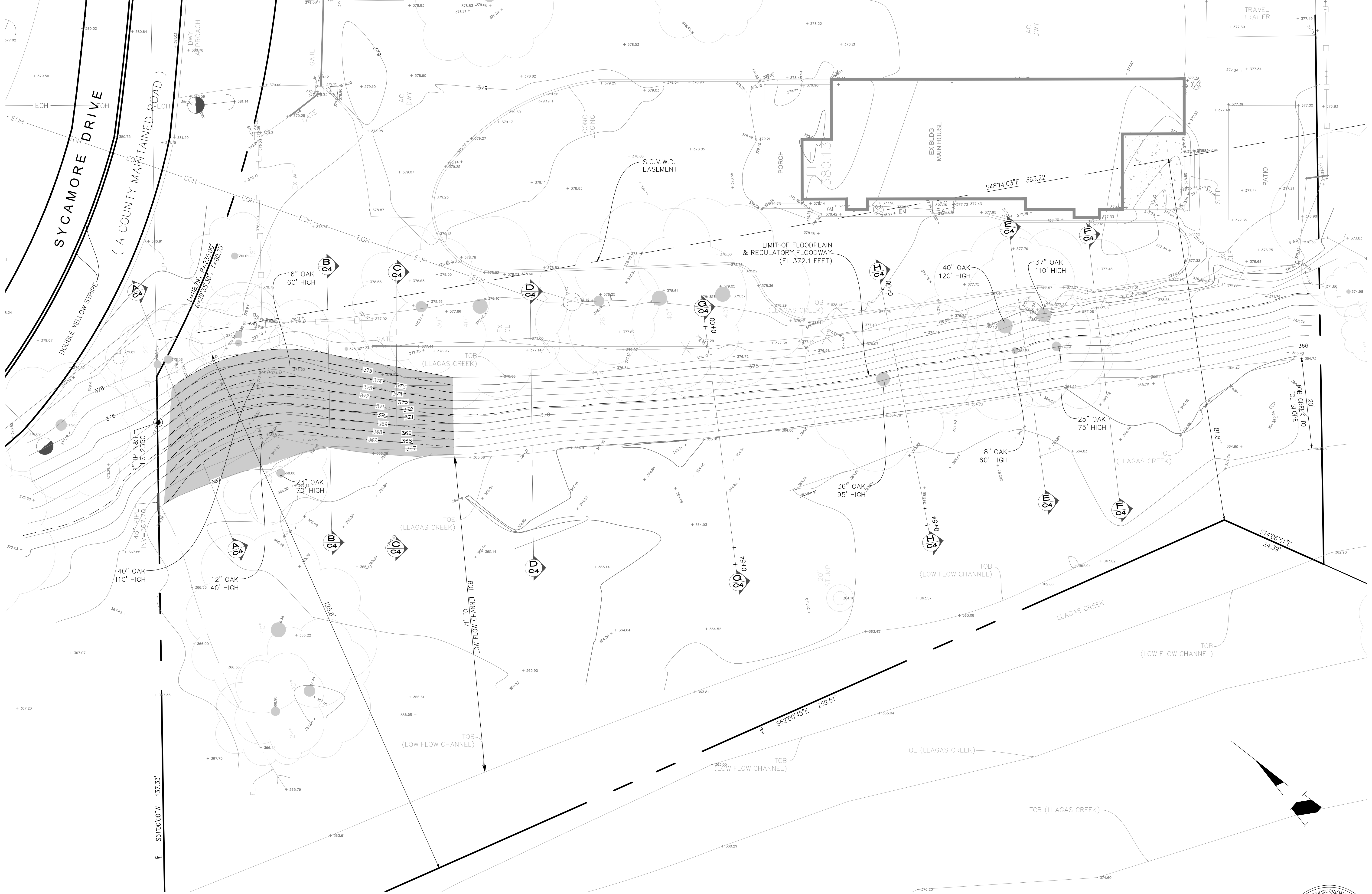
CITY FILE NO :

	AREA DRAIN
	BENCHMARK
	BOUNDARY
	CATCH BASIN
	MONUMENT LINE
	COBBLE ROCK ENERGY DISSIPATOR
	CONCRETE
	550 CONTOUR: EXISTING
	550 CONTOUR: PROPOSED OR NEW
	100.46 DESIGN GRADE
	DOWNSPOUT WITH SPLASHBLOCK
	25 DRAINAGE EMITTER
	DIV DIVERSION VALVE
	BACKWATER VALVE
	DRAINAGE SWALE
	EASEMENT LINE
	70 OR (101:70) EXISTING ELEVATION
	EXISTING FENCE
	EXISTING TREE TO BE REMOVED
	EXISTING TREE TO REMAIN
	IRON PIPE AT PROPERTY CORNER
	FIBER ROLLS
	GM GAS METER
	GV GAS VALVE
	GRADE TO DRAIN
	GUY POLE
	GUY WIRE ANCHOR
	HIGH POINT
	HYDRANT: EXISTING
	HYDRANT: PROPOSED OR NEW
	CHRISTY V12 DRAIN BOX
	UNLESS OTHERWISE NOTED
	JP JOINT POLE
	LIGHTING
	LIGHTING POLE
	LOW POINT
	OVERLAND FLOW DIRECTION
	PCE PCE BOX
	BMP POST CONSTRUCTION STORM WATER POLLUTION CONTROL MEASURE
	PROJECT SITE
	RETAINING WALL
	RIGHT OF WAY
	CO SANITARY SEWER CLEAN OUT MANHOLE
	SS SANITARY SEWER MANHOLE
	SD STORM DRAIN MANHOLE
	SUMP PUMP
	TEL TELEPHONE BOX
	TV TELEVISION BOX
	TEST PIT
	TOP OF FILL
	TOE OF FILL
	TOP OF CUT
	TOE OF CUT
	1 TREE NUMBER
	T T-VAULT
	W UTILITY: EXISTING
	W UTILITY: PROPOSED OR NEW
	WM WATER METER
	WATER VALVE
	WELL
	A SECTION NUMBER
	1 SHEET NUMBER

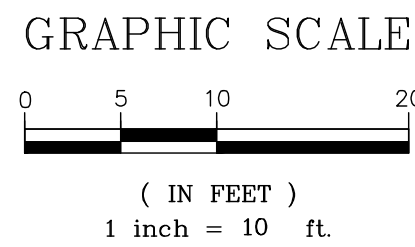
POST-VIOLATION	PRE-VIOLATION	DESCRIPTION
		CONTOUR LINE
		DISTURBED AREA

(IN FEET)
1 inch = 20 ft.

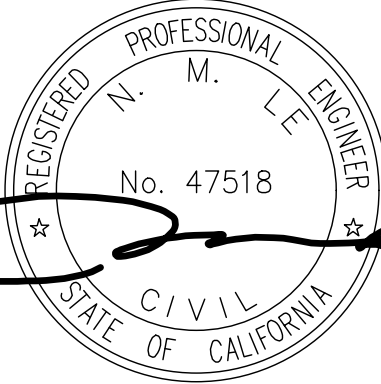
DRAWING NO. C3	OVERALL SITE PLAN LANDS OF SILVA 15170 SYCAMORE DRIVE APN 776-02-025		California
	SHT. NO. 3	OF 8	
FILE NO.	CONTRACT NO.	PROJECT NO.	



LEGEND		
	1,456 SF UNPERMITTED FILL TO BE REMOVED	
POST-VIOLATION	PRE-VIOLATION	DESCRIPTION
		CONTOUR LINE



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



GRADING ABATEMENT PLAN
LANDS OF SILVA
15170 SYCAMORE DRIVE
APN 776-02-025

California

Morgan Hill

ENGINEERING

598 E Santa Clara St. #270
San Jose, CA 95112
Phone: (408) 606-7187
Fax: (408) 583-4006

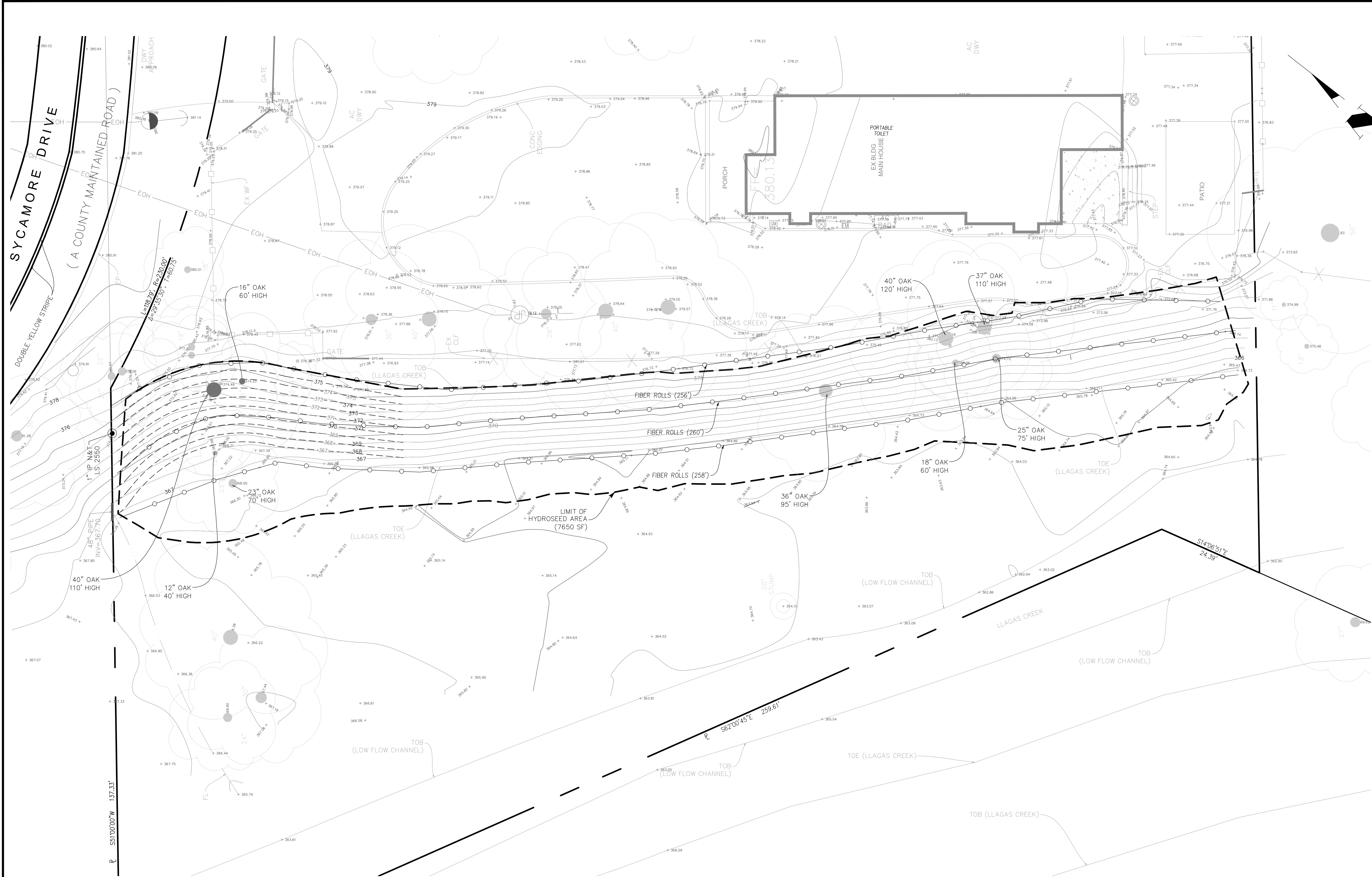
NC	DESIGNED	04/21/2021	DATE
NC	DRAWN	04/21/2021	DATE
NC	CHECKED	04/23/2021	DATE

NO.	REVISIONS	DATE	BY	APP'D

APPLICANT : SILVA

ROAD NAME : SYCAMORE DRIVE

CITY FILE NO :



NOTES:

1. EXPOSED SLOPE SHALL BE PROTECTED WITH JUTE NET AND/OR HYDROSEED. HYDROSEED SHALL BE A HOMOGENEOUSLY MIX OF SLURRY CONTAINING NOT LESS THAN 44 LBS ORGANIC MULCHING AMENDMENT PLUS FERTILIZER, CHEMICAL ADDITIVES AND SOILS FOR EACH 100 GALLONS OF WATER.

DISTURBED AREAS

NO.	DESCRIPTION	AREA (SQUARE FEET)
1.	TEMPORARY	7,650
	TOTAL AREA	7,650

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



EROSION CONTROL PLAN
LANDS OF SILVA
15170 SYCAMORE DRIVE
APN 776-02-025

California
Morgan Hill

DRAWING NO. C6
SHEET NO. 6 OF 8
FILE NO.

LC ENGINEERING
598 E Santa Clara St. #270
San Jose, CA 95112
Phone: (408) 606-7187
Fax: (408) 583-4006

DATE: 04/23/2021
CHECKED: NL
DATE: 04/21/2021
DRAWN: NC
DATE: 04/21/2021
DESIGNED: NC
DATE: 04/21/2021
BY: DATE: APP'D: REVISIONS: NO.

5)



(3)



4



SECTION A-A

STORMWATER QUALITY ASSOCIATION, JANUARY 2003.

1



2



Best Management Practices and Erosion Control Details Sheet 1

County of Santa Clara


1. SOLID AND DEMOLITION WASTE MANAGEMENT: PROVIDE DESIGNATED WASTE COLLECTION AREAS AND CONTAINERS ON SITE AWAY FROM STREETS, GUTTERS, STORM DRAINS, AND WATERWAYS, AND ARRANGE FOR REGULAR DISPOSAL. WASTE CONTAINERS MUST BE WATERTIGHT AND COVERED AT ALL TIMES EXCEPT WHEN WASTE IS DEPOSITED. REFER TO EROSION & SEDIMENT CONTROL FIELD MANUAL, 4TH EDITION (PAGE C3) OR LATEST. HAZARDOUS WASTE MANAGEMENT: PROVIDE PROPER HANDLING AND
2. DISPOSAL OF HAZARDOUS WASTES BY A LICENSED HAZARDOUS WASTE MATERIAL HAULER. HAZARDOUS WASTES SHALL BE STORED AND PROPERLY LABELED IN SEALED CONTAINERS CONSTRUCTED OF SUITABLE MATERIALS. REFER TO EROSION & SEDIMENT CONTROL FIELD MANUAL, 4TH EDITION (PAGES C-5 TO C-6) OR LATEST.
3. SPILL PREVENTION AND CONTROL: PROVIDE PROPER STORAGE AREAS FOR LIQUID AND SOLID MATERIALS, INCLUDING CHEMICALS AND HAZARDOUS SUBSTANCES, AWAY FROM STREETS, GUTTERS, STORM DRAINS, AND WATERWAYS. SPILL CONTROL MATERIALS MUST BE KEPT ON SITE WHERE READILY ACCESSIBLE. SPILLS MUST BE CLEANED UP IMMEDIATELY AND CONTAMINATED SOIL DISPOSED PROPERLY. REFER TO EROSION & SEDIMENT CONTROL FIELD MANUAL, 4TH EDITION (PAGES C-7 TO C-8, C-13 TO C-14) OR LATEST. VEHICLE AND CONSTRUCTION EQUIPMENT SERVICE AND STORAGE:
4. 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.
5. 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.
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/RECYCLE CONCRETE WASH WATER FROM SITE. IN NO CASE SHALL FRESH CONCRETE BE WASHED INTO THE ROAD RIGHT-OF-WAY. REFER TO EROSION & SEDIMENT CONTROL FIELD MANUAL, 4TH EDITION (PAGES C-15 TO C-16) OR LATEST.
7. PAVEMENT CONSTRUCTION MANAGEMENT: PREVENT OR REDUCE THE DISCHARGE OF POLLUTANTS FROM PAVING OPERATIONS. USING MEASURES TO PREVENT RUN-ON AND RUNOFF POLLUTION AND PROPERLY DISPOSING OF WASTES, AVOID PAVING IN THE WET SEASON AND RESCHEDULE PAVING WHEN RAIN IS IN THE FORECAST. RESIDUE FROM SAW-CUTTING SHALL BE VACUUMED FOR PROPER DISPOSAL. REFER TO EROSION & SEDIMENT CONTROL FIELD MANUAL, 4TH EDITION (PAGES C-17 TO C-18) OR LATEST.
8. CONTAMINATED SOIL AND WATER MANAGEMENT: INSPECTIONS TO IDENTIFY CONTAMINATED SOILS SHOULD OCCUR PRIOR TO CONSTRUCTION AND AT REGULAR INTERVALS DURING CONSTRUCTION. REMEDIATING CONTAMINATED SOIL SHOULD OCCUR PROMPTLY AFTER IDENTIFICATION AND BE SPECIFIC TO THE CONTAMINANT IDENTIFIED, WHICH MAY INCLUDE HAZARDOUS WASTE REMOVAL. REFER TO EROSION & SEDIMENT CONTROL FIELD MANUAL, 4TH EDITION (PAGES C-19 TO C-20) OR LATEST.
9. 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.
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 IDENTIFIED IMMEDIATELY. WITHIN 24 HOURS OF THE PROBLEM BEING IDENTIFIED.

1. 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.
2. 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, ECT.) TO ENSURE SILT DOES NOT LEAVE THE SITE OR ENTER THE STORM DRAIN SYSTEM OR NEIGHBORING WATERCOURSE.
3. 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.
4. 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.
5. PROJECT COMPLETION: PRIOR TO PROJECT COMPLETION AND SIGNOFF BY THE COUNTY INSPECTOR, ALL DISTURBED AREAS SHALL BE RESEEDDED, PLANTED, OR LANDSCAPED TO MINIMIZE THE POTENTIAL FOR EROSION ON THE SUBJECT SITE.
6. IT SHALL BE THE OWNERS/CONTRACTOR'S RESPONSIBILITY TO MAINTAIN CONTROL OF THE ENTIRE CONSTRUCTION OPERATION AND TO KEEP THE ENTIRE SITE IN COMPLIANCE WITH THE EROSION CONTROL PLAN.
7. EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES SHALL BE OPERABLE YEAR ROUND OR UNTIL VEGETATION IS FULLY ESTABLISHED ON LANDSCAPED SURFACES.
8. GRADING WORK BETWEEN OCTOBER 15 AND APRIL 15 IS AT THE DISCRETION OF SANTA CLARA COUNTY BUILDING OFFICIAL.
9. EXPOSED SLOPE SHALL BE PROTECTED WITH JUTE NET AND/OR HYDROSEED. HYDROSEED SHALL BE A HOMOGENEOUSLY MIX OF SLURRY CONTAINING NOT LESS THAN 44 LBS ORGANIC MULCHING AMENDMENT PLUS FERTILIZER, CHEMICAL ADDITIVES AND SOILS FOR EACH 100 GALLONS OF WATER.

PLEASE REFER TO
FOR
T AND PLAN
SPECIAL
MIT NUMBER

REGISTERED PROFESSIONAL ENGINEER
N. M. LE
No. 47518
CIVIL
STATE OF CALIFORNIA

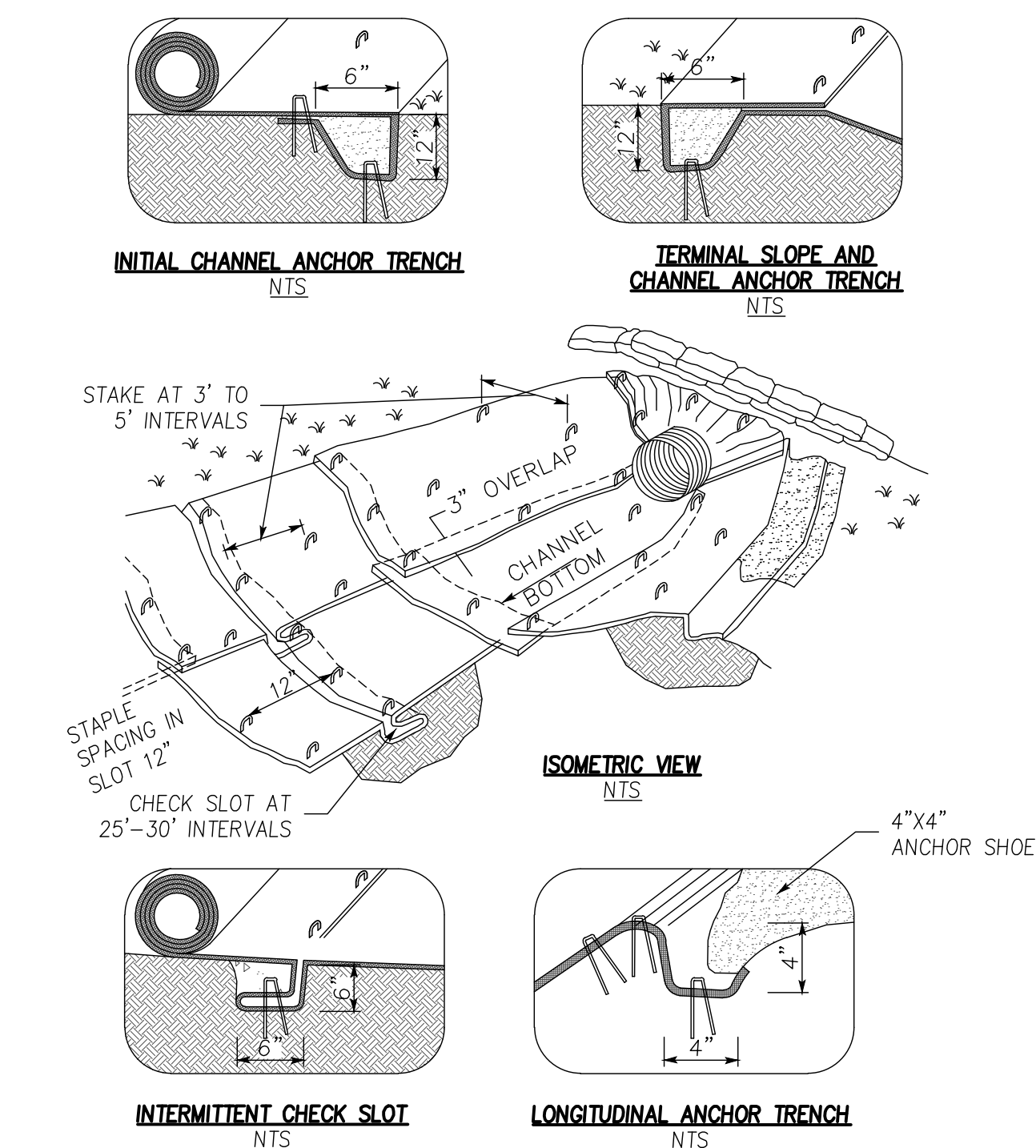
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SHEET NO.		7 of 8		Morgan Hill		CONTRACT NO.		PROJECT NO.	
FILE NO.									



598 E Santa Clara St, #270
San Jose, CA 95112
Phone: (408) 806-7187
Fax: (408) 583-4006

NC	DESIGNED	DATE	04/21/2021						
NC		DATE	04/21/2021						
DRAWN		DATE							
SCALE									
NL	CHECKED	DATE	04/23/2021	BY	DATE	APPROV	REVISIONS	NO.	

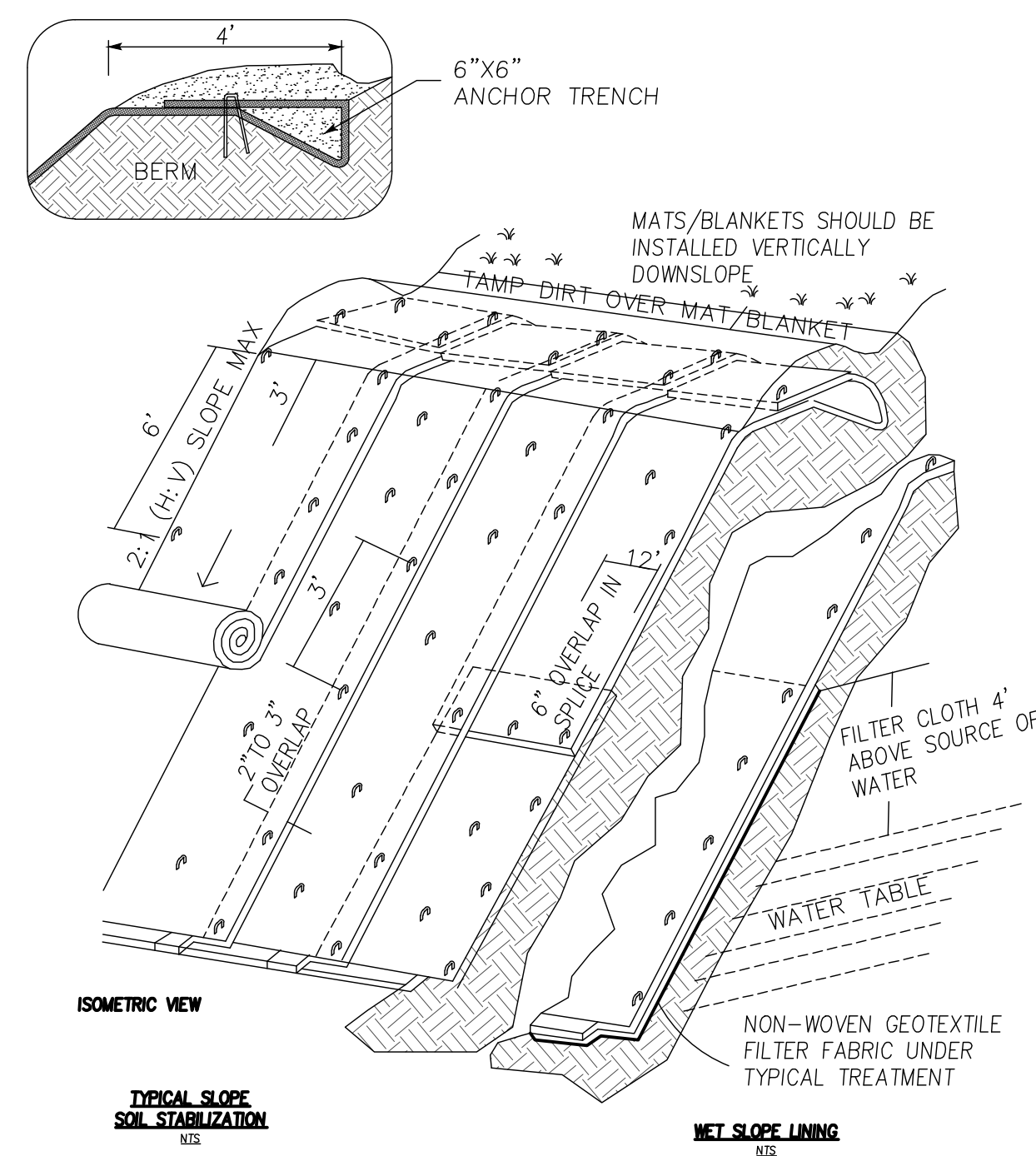
7 GEOTEXTILES AND MATS
CASQA DETAIL EC-7



- NOTES:
1. CHECK SLOTS TO BE CONSTRUCTED PER MANUFACTURERS SPECIFICATIONS.
 2. STAKING OR STAPLING LAYOUT PER MANUFACTURERS SPECIFICATIONS.
 3. INSTALL PER MANUFACTURER'S RECOMMENDATIONS.

TYPICAL INSTALLATION DETAIL

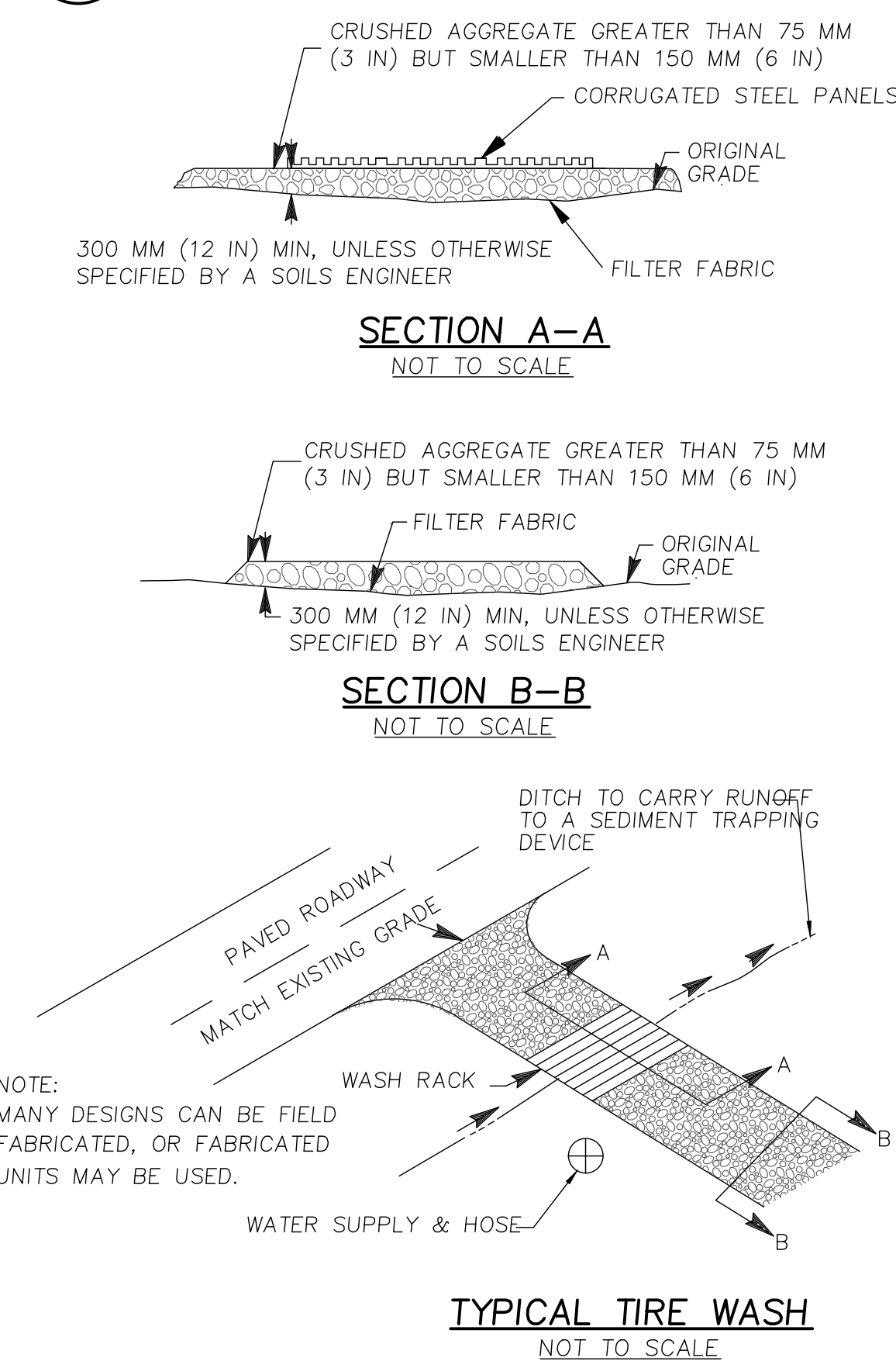
5 GEOTEXTILES AND MATS
CASQA DETAIL EC-7



- 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.

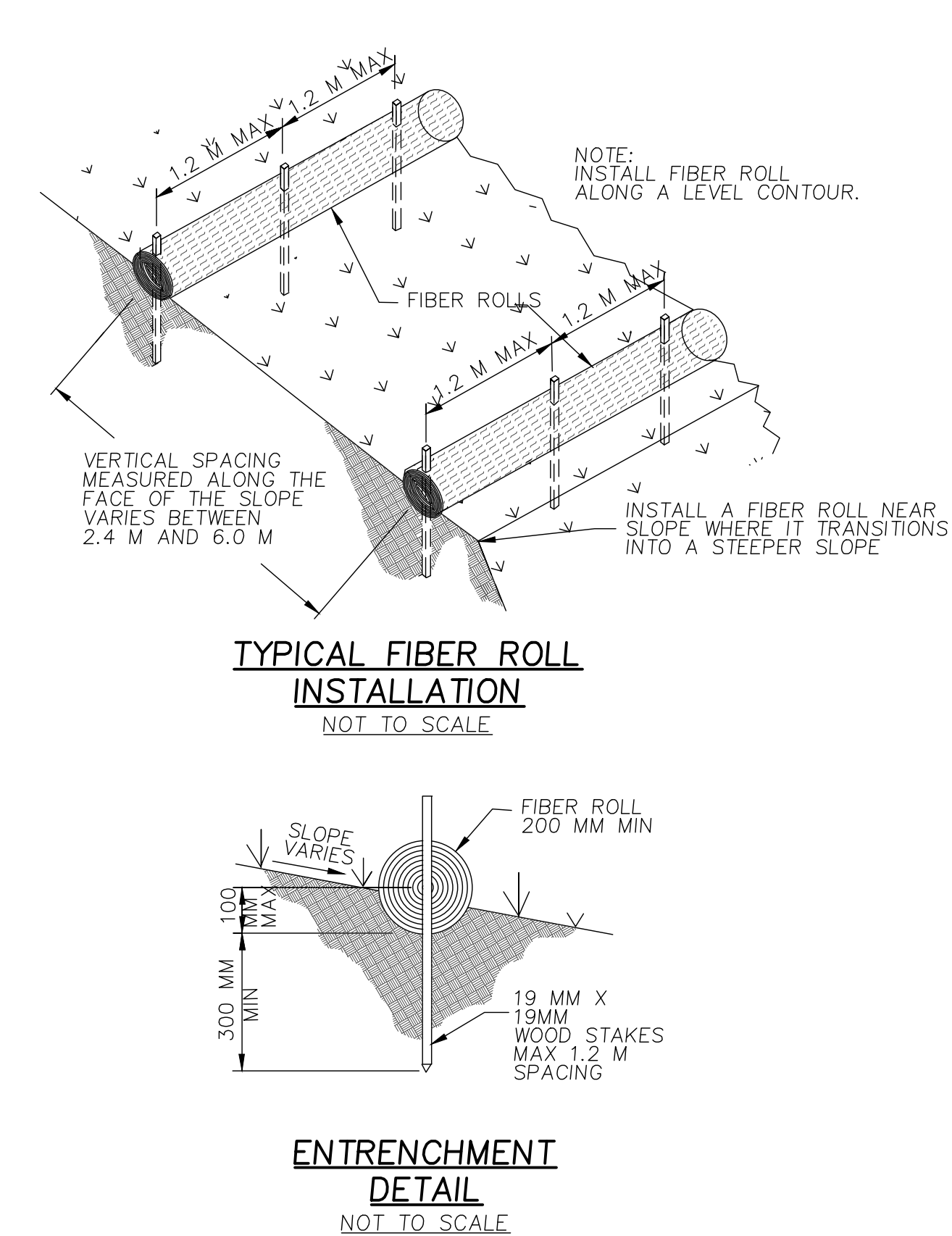
TYPICAL INSTALLATION DETAIL

3 ENTRANCE/OUTLET TIRE WASH
CASQA DETAIL TC-3



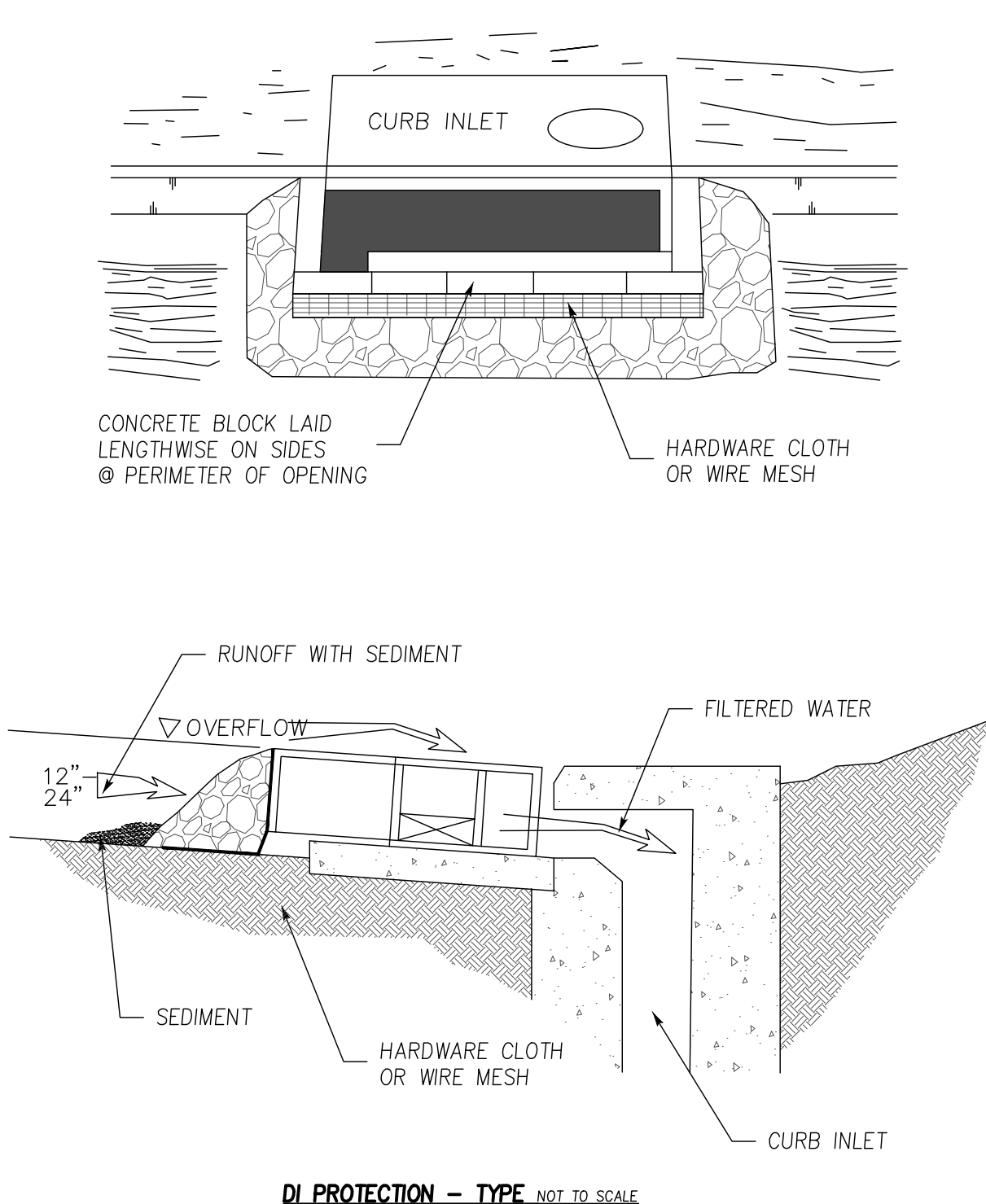
TYPICAL TIRE WASH
NOT TO SCALE

1 FIBER ROLLS
CASQA DETAIL SE-5



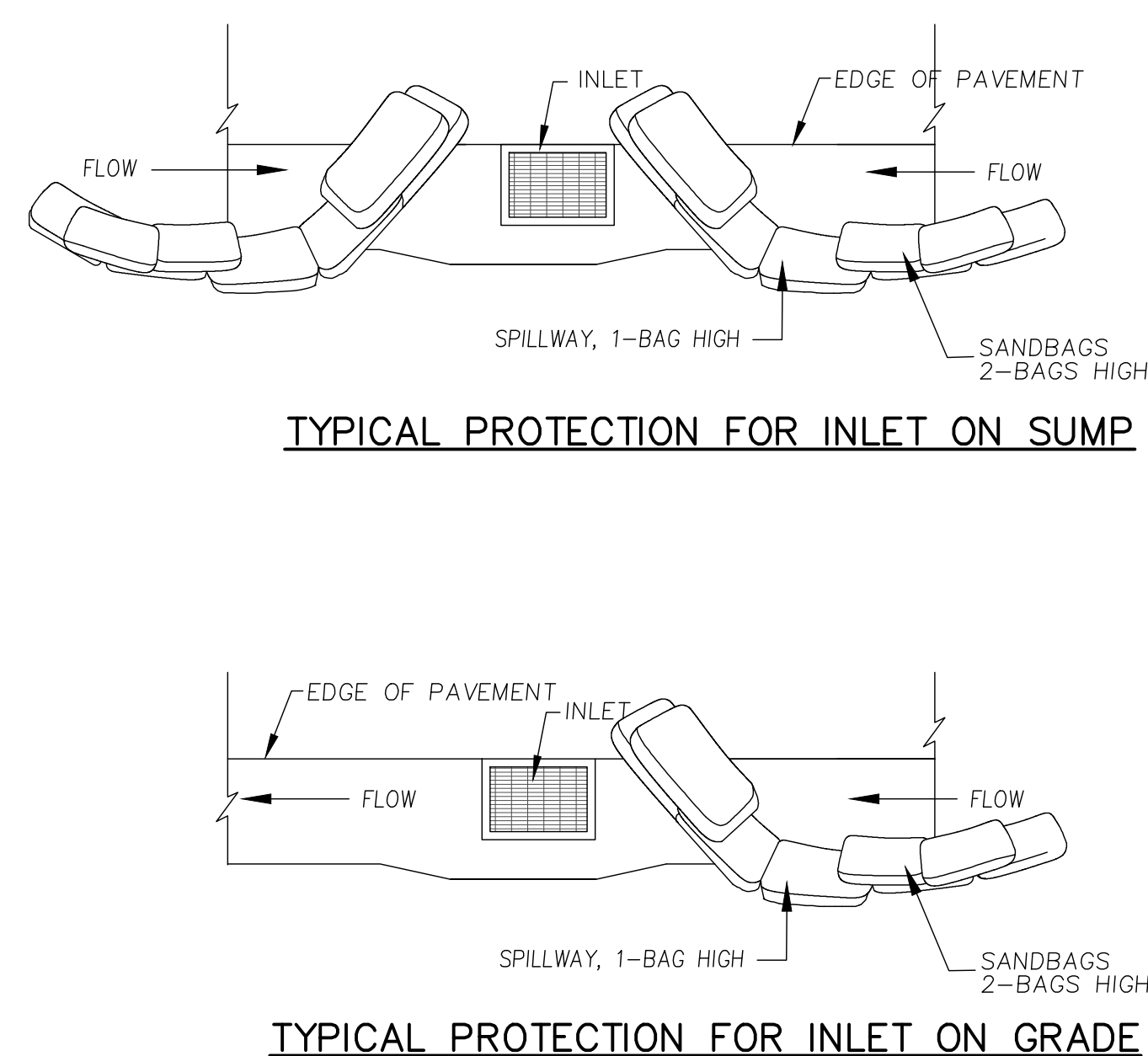
ENTRENCHMENT
DETAIL
NOT TO SCALE

8 STORM DRAIN INLET PROTECTION
CASQA DETAIL SE-10



DI PROTECTION - TYPE NOT TO SCALE

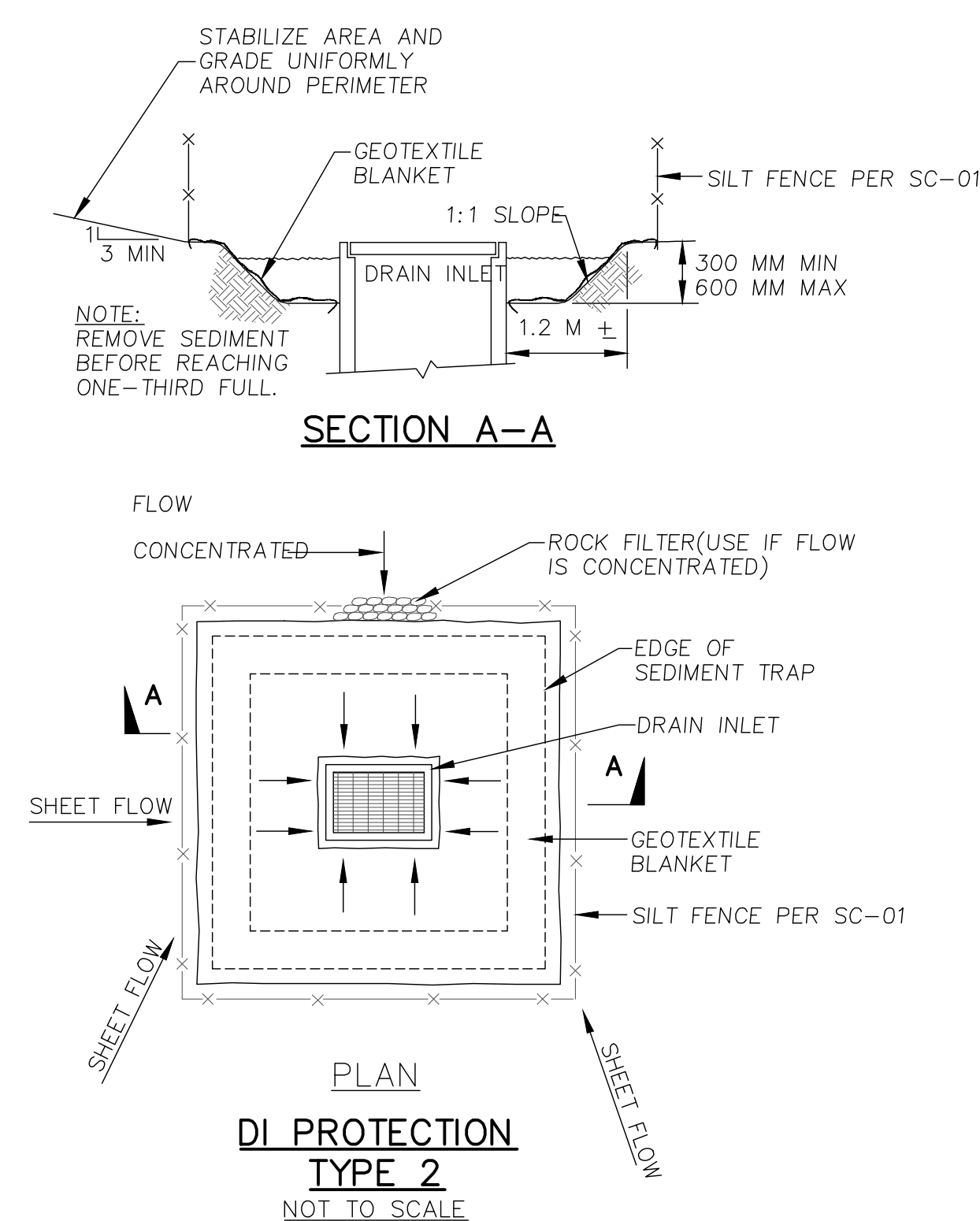
6 STORM DRAIN INLET PROTECTION
CASQA DETAIL SE-10



TYPICAL PROTECTION FOR INLET ON GRADE

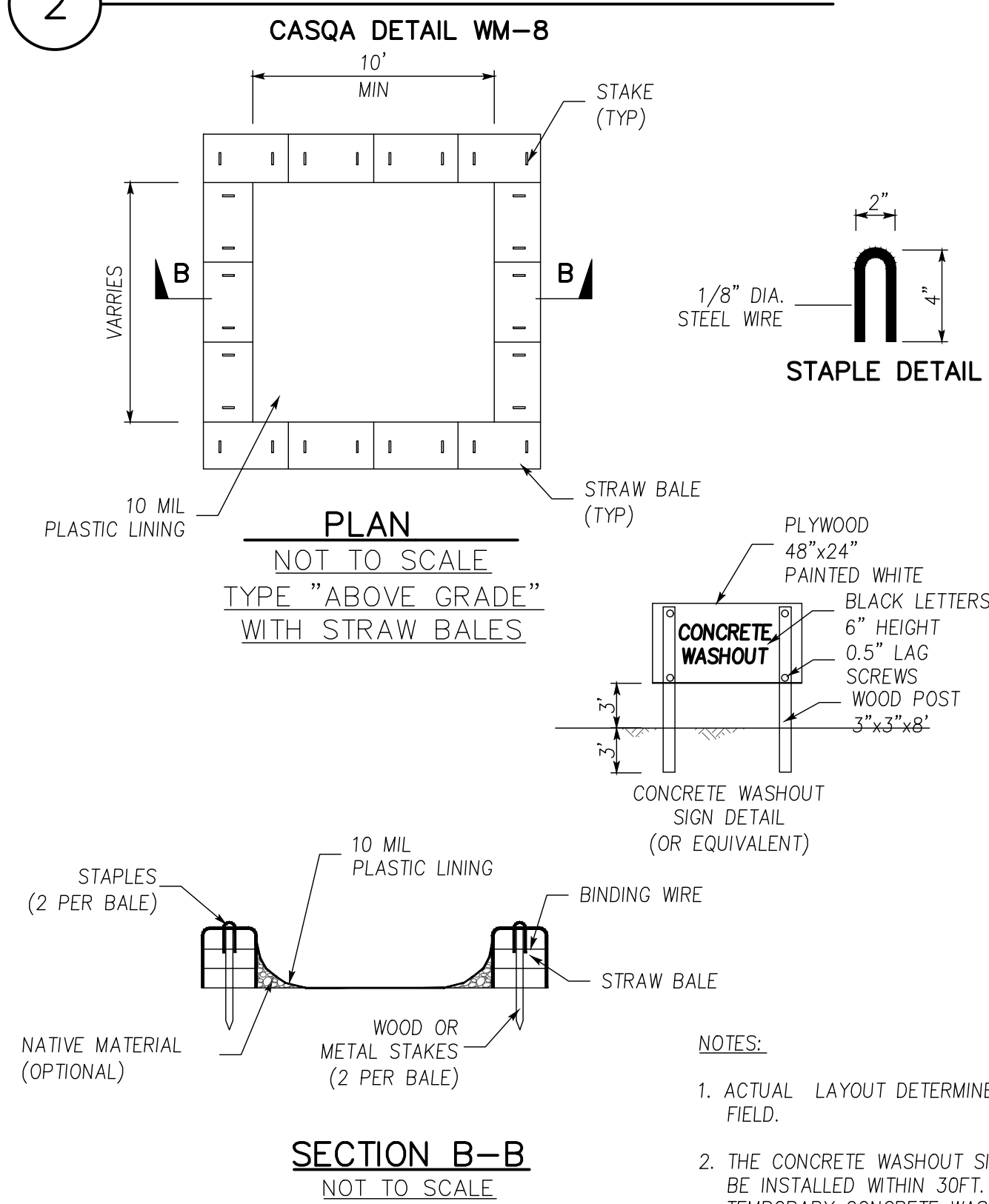
- NOTES:
1. INTENDED FOR SHORT-TERM USE.
 2. USE TO INHIBIT NON-STORM WATER FLOW.
 3. ALLOW FOR PROPER MAINTENANCE AND CLEANUP.
 4. BAGS MUST BE REMOVED AFTER ADJACENT OPERATION IS COMPLETED
 5. NOT APPLICABLE IN AREAS WITH HIGH SILTS AND CLAYS WITHOUT FILTER FABRIC.

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 30FT. OF THE TEMPORARY CONCRETE WASHOUT FACILITY.

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

