

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... 2. 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.

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. THE COUNTY ENGINEER WILL CONDUCT A MINIMUM OF 24 HOURS ADVANCE NOTICE FOR GENERAL INSPECTION.

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: A) TO A MINIMUM DEPTH OF TWO FEET BELOW THE FINISHED GRADE OF PROPOSED ROADWAYS.

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. 2. ACCURATE VERIFICATION AS TO SIZE, LOCATION, AND DEPTH OF EXISTING UNDERGROUND CONDUITS OR FACILITIES SHALL BE THE INDIVIDUAL CONTRACTOR'S RESPONSIBILITY.

RETAINING WALLS

- 1. REINFORCED CONCRETE AND CONCRETE MASONRY UNIT RETAINING WALLS SHALL HAVE FOUNDATION AND REINFORCEMENT INSPECTED BY THE COUNTY ENGINEERING INSPECTOR AND ENGINEER OF RECORD PRIOR TO POURING THE FOUNDATION AND FORMING THE WALL.

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, TO ACHIEVE A PROPER BOND WITH THE FILL MATERIAL.

Table with columns: LOCATION, CUT (CY), FILL (CY), VERT. DEPTH. Includes rows for Zone B - South, Zone A - Creek, and Final Grading details.

- 7. EXCESS MATERIAL SHALL BE OFF HAULED TO A COUNTY APPROVED DUMP. 8. ALL MATERIALS FOR FILL SHOULD BE APPROVED BY THE SOILS ENGINEER BEFORE IT IS BROUGHT TO THE SITE. 9. THE UPPER 6" OF THE SUBGRADE SOIL SHALL BE SCARIFIED, MOISTURE CONDITIONED AND COMPACTED TO A MINIMUM RELATIVE COMPACTION OF 95% RELATIVE COMPACTION.

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 COUNTY INTEGRATED LANDSCAPE GUIDELINES.

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 ELECTROLUER 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. CONCRETE PLACED MUST DEVELOP A MINIMUM STRENGTH FACTOR OF 2800 PSI IN A SEVEN-DAY PERIOD.

AIR QUALITY, LANDSCAPING AND EROSION CONTROL

- 1. WATER ALL ACTIVE CONSTRUCTION AREAS AT LEAST TWICE DAILY. 2. COVER ALL TRUCKS HAULING SOIL, SAND, AND OTHER LOOSE MATERIALS OR REQUIRE ALL TRUCKS TO MAINTAIN AT LEAST TWO FEET OF FREEBOARD.

- 14. PRIOR TO GRADING COMPLETION AND RELEASE OF THE BOND, ALL GRADED AREAS SHALL BE RESEED 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.

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.

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.

STREET LIGHTING

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

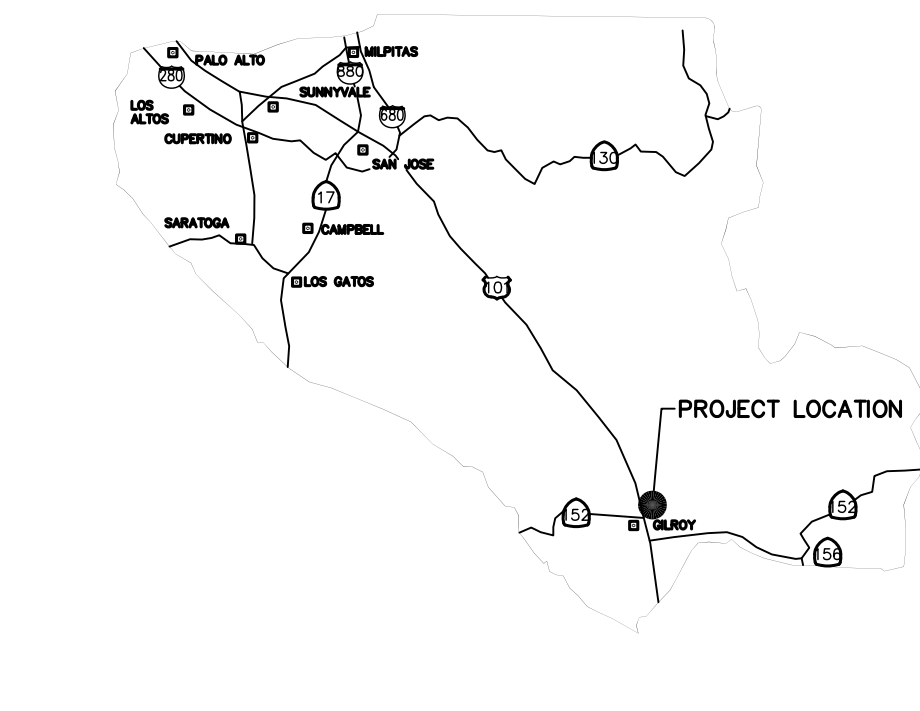
ISSUANCE OF A PERMIT AUTHORIZING CONSTRUCTION DOES NOT RELEASE THE DEVELOPER, PERMITEE OF PLANS FROM RESPONSIBILITY FOR THE CORRECTION OF ERRORS OR OMISSIONS CONTAINED IN THE PLANS. IF, DURING THE COURSE OF CONSTRUCTION, THE PUBLIC INTEREST REQUIRES A MODIFICATION OF (OR DEPARTURE FROM) THE SPECIFICATIONS 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.

PORTLAND CEMENT CONCRETE

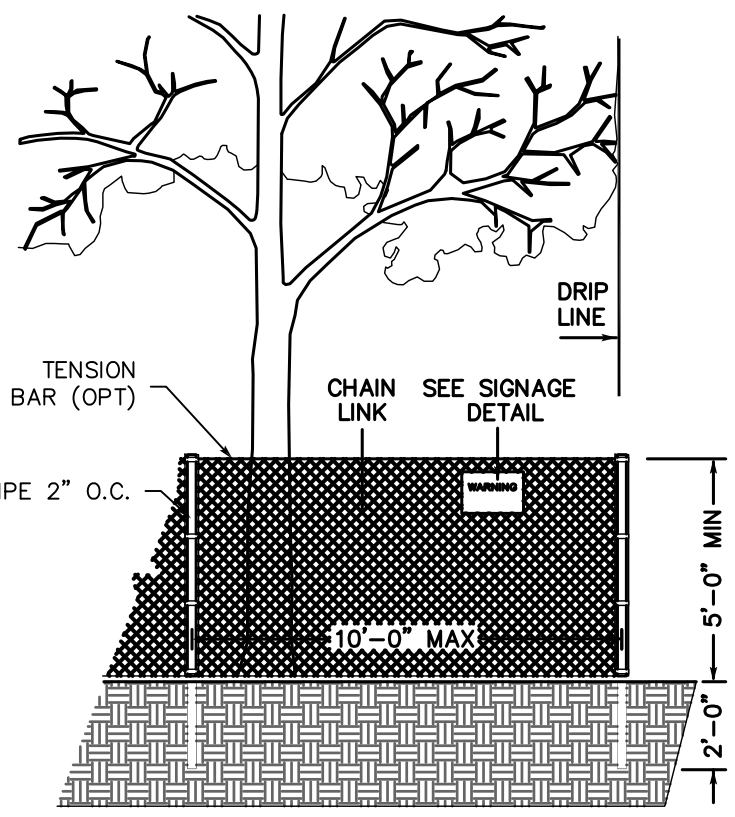
NOTE: THIS STATEMENT IS TO BE SIGNED BY THE PERSON AUTHORIZED BY THE COUNTY ENGINEER TO PERFORM THE INSPECTION WORK. A REPRODUCIBLE COPY OF THE AS-BUILT PLANS MUST BE FURNISHED TO THE COUNTY ENGINEER AFTER CONSTRUCTION.

STREET LIGHTING

ISSUANCE OF A PERMIT AUTHORIZING CONSTRUCTION DOES NOT RELEASE THE DEVELOPER, PERMITEE OF PLANS 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.



COUNTY LOCATION MAP



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.

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 1/10/2022 SIGNATURE [Signature]

83644 R.C.E. NO.

3-31-23 EXPIRATION DATE

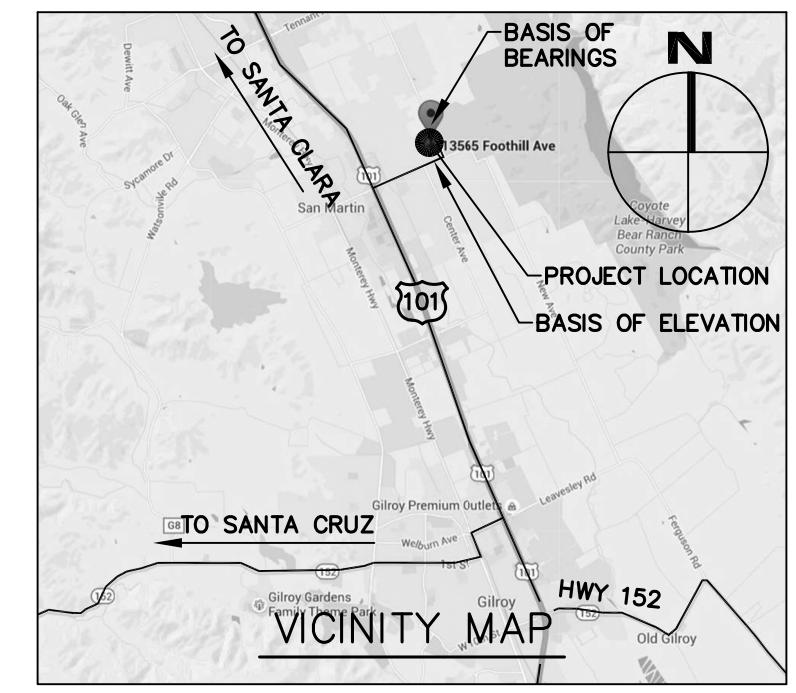


COUNTY ENGINEER'S NOTE

ISSUANCE OF A PERMIT AUTHORIZING CONSTRUCTION DOES NOT RELEASE THE DEVELOPER, PERMITEE OF PLANS 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, RCE

42107 3-31-2022 R.C.E. NO. EXPIRATION DATE



TOPOGRAPHIC SURVEY

THE 2010 TOPOGRAPHIC SURVEY AND BOUNDARY INFORMATION USED FOR DESIGN PURPOSES WAS PROVIDED HEREON WAS COMPLETED BY HANNA BRUNETTI. THE 2002 SURVEY AS A BASIS OF ORIGINAL TOPOGRAPHY AND BOUNDARY INFORMATION WAS PREPARED BY SURVEY CONSTRUCTION STAKING CO, INC. RI ENGINEERING INC. MAKES NO GUARANTEE AS TO THE ACCURACY OF BOTH. THE CONTRACTOR SHALL VERIFY THE BOUNDARY LOCATION AND TOPOGRAPHIC INFORMATION PRIOR TO COMMENCING WORK.

BASIS OF BEARINGS

CENTERLINE OF FOOTHILL AVENUE

BASIS OF ELEVATION

GRADING ABATEMENT LANDS OF BLIVEN

SCOPE OF WORK

- 1. THE DEVELOPER IS RESPONSIBLE FOR THE INSTALLATION OF THE WORK PROPOSED ON THE EROSION CONTROL PLAN SUBMITTED WITH THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP) PREPARED BY OTHERS. THE OSP AND OSD ARE RESPONSIBLE FOR THE DESIGN OF THE EROSION CONTROL PLAN AND ANY MODIFICATIONS OF THE EROSION CONTROL PLANS TO PREVENT ILLICIT DISCHARGES FROM THE SITE DURING CONSTRUCTION.

BASIS OF BEARINGS

CENTERLINE OF FOOTHILL AVENUE

BASIS OF ELEVATION

- INDICATES FOUND IRON PIPE AS NOTED ○ INDICATES IRON PIPE TO BE SET

LEGEND

SCVD BMS37 EL=303.36 (1988) BRASS DISC ON NORTHERLY SIDE OF SAN MARTIN AVENUE; ON TOP OF 12" WIDE HEADWALL FOR NORTHWEST CORNER OF BRIDGE 0.8 FEET EASTERLY OF WESTERN END OF WEST 0.1 MILE WESTERLY OF FOOTHILL AVENUE; UNINCORPORATED SANTA CLARA COUNTY.

FLOODPLAIN ORDINANCE

THIS PROJECT IS IN A SPECIAL FLOOD HAZARD, THEREFORE ALL IMPROVEMENTS SHALL BE IN ACCORDANCE WITH THE COUNTY'S FLOODPLAIN MANAGEMENT ORDINANCE (SCC CODE C12-800-C12-826).

WELLS NOTE

ANY ABANDONED WELLS, OR WELLS THAT ARE NO LONGER IN USE, MUST BE PROPERLY DESTROYED. ANY WELLS IN USE THAT WILL BE IMPACTED BY THE PROJECT ACTIVITIES MUST BE PROTECTED. CONTACT THE DISTRICT'S WELLS & WATER MANAGEMENT UNIT AT (408)630-2860 FOR MORE INFORMATION AS REQUIRED.

SURVEY MONUMENT NOTE

EXISTING AND SET PERMANENT SURVEY MONUMENTS WILL BE VERIFIED BY INSPECTORS PRIOR TO FINAL ACCEPTANCE OF THE IMPROVEMENTS BY THE COUNTY. ANY PERMANENT SURVEY MONUMENTS DAMAGED OR MISSING WILL BE RESET BY A LICENSED LAND SURVEYOR OR REGISTERED CIVIL ENGINEER AUTHORIZED TO PRACTICE LAND SURVEYING AND APPROPRIATE RECORDS PURSUANT TO BUSINESS AND PROFESSIONS CODE SECTION 8762 OR 8771 OF THE LAND SURVEYORS ACT WILL BE FILED WITH THE COUNTY SURVEYOR.

SURVEY MONUMENT PRESERVATION

- 1. THE LANDOWNER / CONTRACTOR MUST PROTECT AND ENSURE THE PERPETUATION OF SURVEY MONUMENTS AFFECTED BY CONSTRUCTION ACTIVITIES. 2. PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL LOCATE, STAKE, AND FLAG ALL PERMANENT SURVEY MONUMENTS OF RECORD AND ANY UNRECORDED MONUMENTS THAT ARE DISCOVERED THAT ARE WITHIN 50 FEET OF THE CONSTRUCTION ACTIVITY.

RIPARIAN TREE PROTECTION NOTE. STAFF RECOMMENDS THAT THE APPLICANT INSTALL FENCING ALONG THE DRIFLINE OF ANY RIPARIAN TREES IN OR NEAR THE PROJECT AREA PRIOR TO GRADING ABATEMENT WORK, AND MAINTAIN SAID FENCING DURING ALL ABATEMENT WORK, SUCH THAT NO EQUIPMENT HAS ACCESS TO THE WATERCOURSE OR ITS RIPARIAN VEGETATION.

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

SHEET INDEX

Table with columns: Sheet No., Description. Rows include C-0 COVER SHEET, C-1 2002 APPROVED GRADING PLAN BY SURVEY CONSTRUCTION STAKING CO, C-2 2006 APPROVED POST-CONSTRUCTION TOPOGRAPHY, PRE-GRADING VIOLATION, C-3 2010 SURVEYED GRADING VIOLATION, C-4 PROPOSED FINAL GRADING PLAN, C-5 PROPOSED TREATMENT AREA SECTIONS, BMP1 COUNTY BMP SHEET 1, BMP2 COUNTY BMP SHEET 2.

ENGINEER'S NAME: MARK GROFCSIK, RCE 83644

ADDRESS: 303 POTRERO STREET, SUITE 42-202 SANTA CRUZ, CA 95060

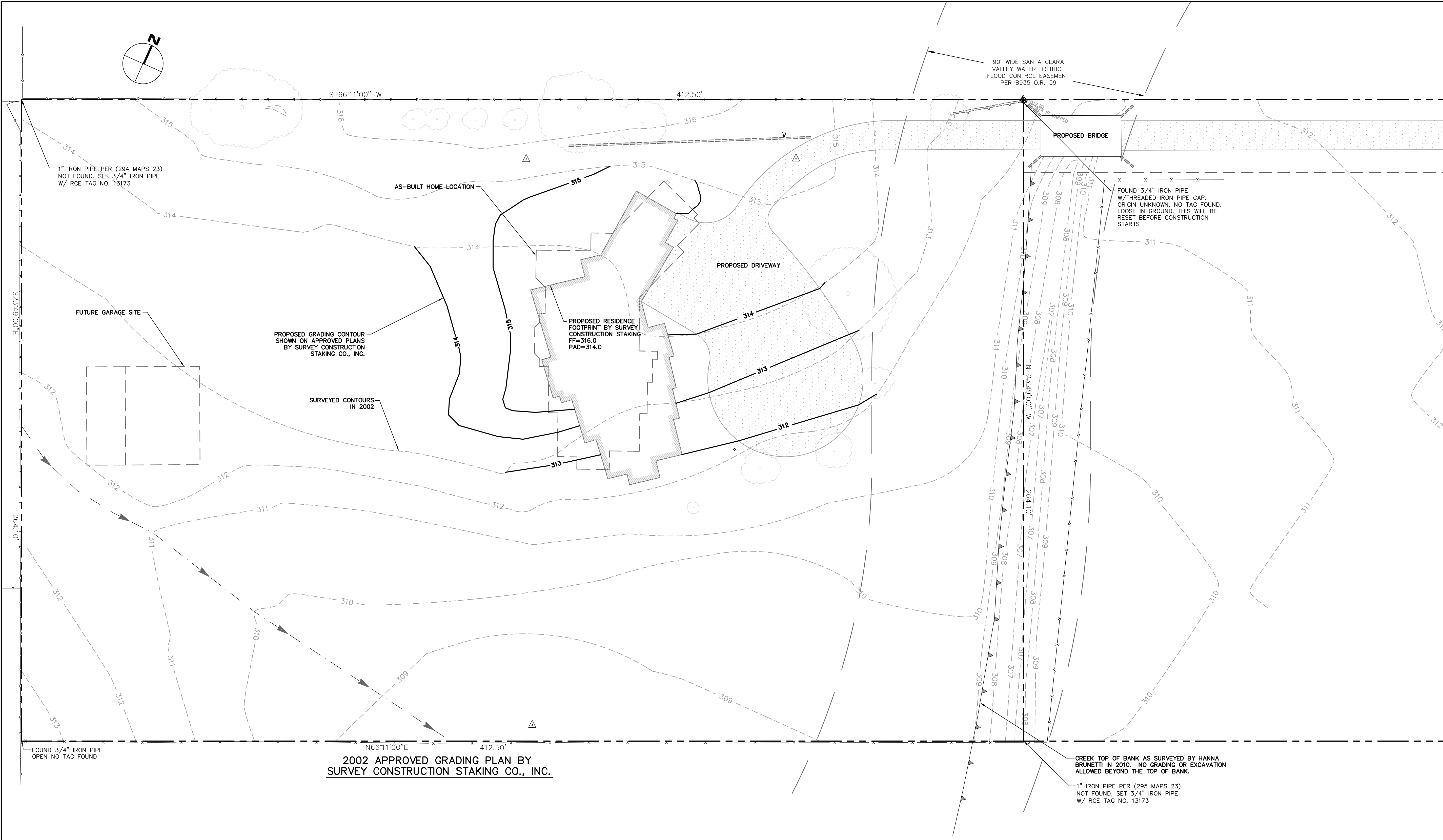
PHONE NO. (831) 425-3901 FAX NO.

Table with columns: Revision, Date, APN, Sheet. Rows include Revision 1 Date APN 825-26-071 Sheet 1, Revision 2 Date Co. File of 8, Revision 3 Date.

APPLICANT: DAVID BLIVEN

ROAD: FOOTHILL AVENUE

COUNTY FILE NO.: PLN21-132-PRE



MATCHLINE THIS SHEET

2002 TOPOGRAPHIC SURVEY

THE TOPOGRAPHIC SURVEY PROVIDED HEREON ON THIS PLAN SHEET WAS COMPLETED BY SURVEY CONSTRUCTION STAKING CO., INC. THE SURVEY IS ASSUMED TO HAVE BEEN COMPLETED IN 2002 OR PRIOR AND WAS USED TO CREATE THE IMPROVEMENT PLANS BY SURVEY CONSTRUCTION STAKING CO., INC.

RI ENGINEERING INC. MAKES NO GUARANTEE AS TO THE ACCURACY OF THIS SURVEY.

NOTE: THIS SHEET HAS ADJUSTED 2002 DATA, SEE SHEET C-1 FOR MORE INFORMATION

PLANNED GRADING QUANTITIES ON MARCH 2002 PLAN

THE GRADING QUANTITIES SHOWN BELOW ARE THE QUANTITIES SHOWN ON THE PLANS BY SURVEY CONSTRUCTION STAKING CO., INC. REVISION DATED MARCH 15, 2002.

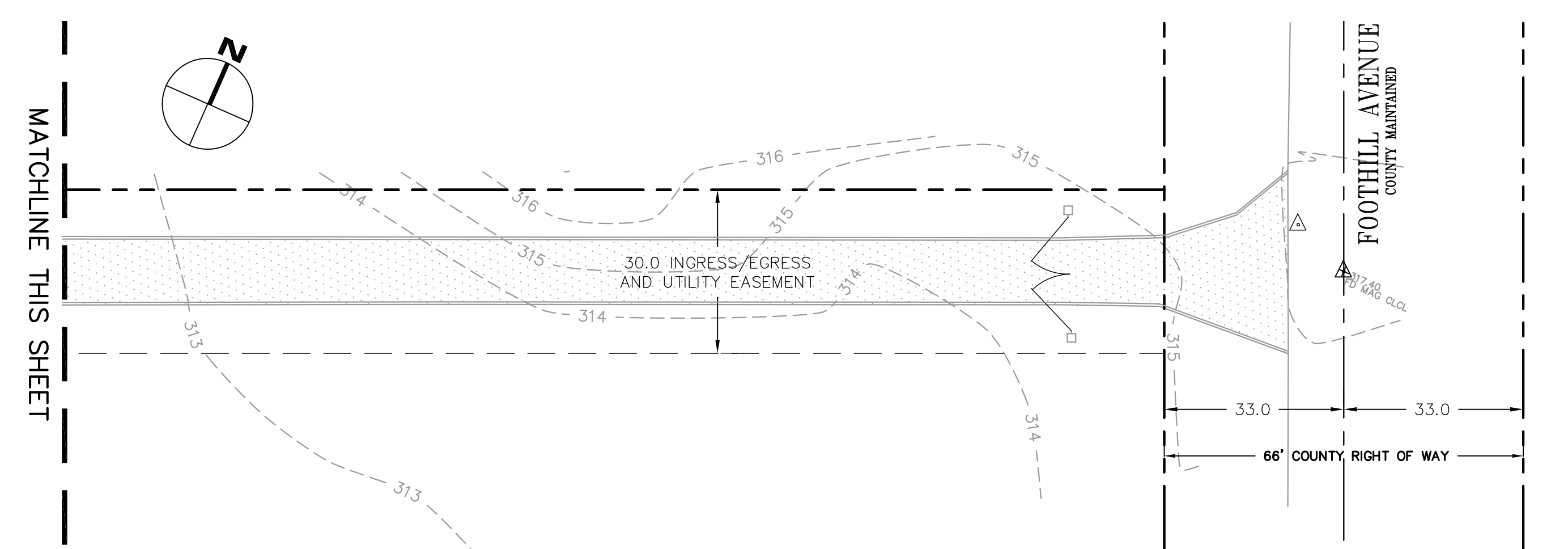
CUT	262	CY
FILL	1218	CY
IMPORT	956	CY
DEPTH OF CUT	3	FT
DEPTH OF FILL	3	FT

MARCH 2002 APPROVED DESIGN PLAN

THE HOME LOCATION AND PROPOSED CONTOURS SHOWN ON THIS PLAN ARE BASED UPON THE CIVIL ENGINEERING PLANS BY SURVEY CONSTRUCTION STAKING CO., INC. REVISION 1 DATED MARCH 15, 2002. Co. FILE No. 7062-74-32-98B.

2002 APPROVED PLAN LEGEND

	(E) AC
	(E) RETAINING WALL
	PROPERTY LINE
	HISTORICAL 2002 CONTOURS
	APPROXIMATE PROPOSED CONTOURS ON SURVEY CONSTRUCTION STAKING CO PLAN
	(E) SANTA CLARA VALLEY WATER DISTRICT FLOOD CONTROL EASEMENT



REVISED PER PLN21-132-PRE COMMENTS 1/11/2022

PROFESSIONAL ENGINEER
 MARK M. GROFCSKI
 No. 83614
 Exp. 3-31-23
 CIVIL
 STATE OF CALIFORNIA

1/11/2022

RI Engineering, Inc.
 303 Potrero St., Suite 42-202, Santa Cruz, CA 95060
 831-425-3901 www.rengineering.com

GRADING ABATEMENT PLAN
 FOR
 DAVID BLIVEN
 13565 FOOTHILL AVE
 SAN MARTIN, CA 95046
 APN 825-26-071

2002 APPROVED GRADING PLAN BY SURVEY CONSTRUCTION STAKING CO

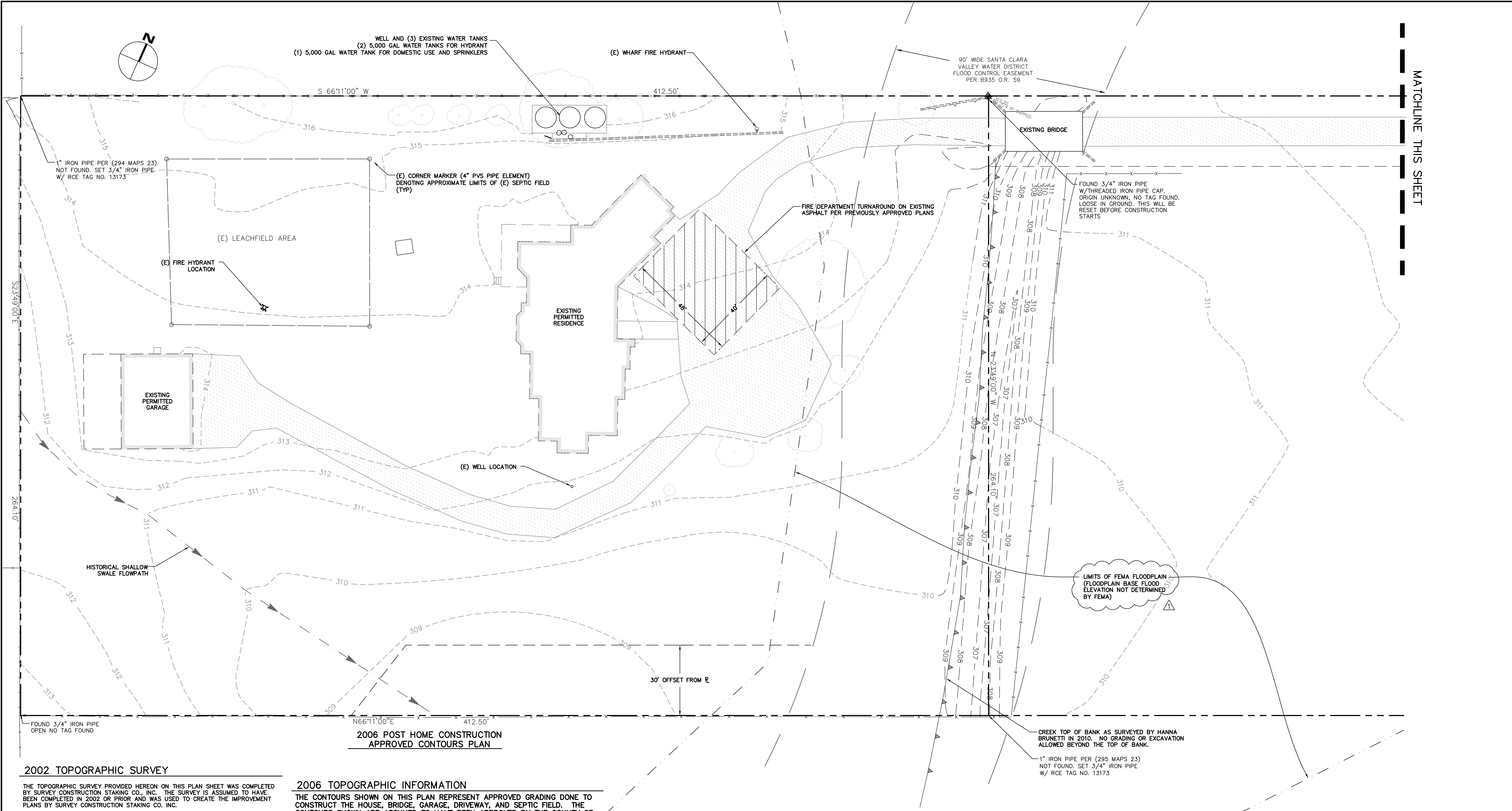
project no.
15-099-1

date
JAN 2022

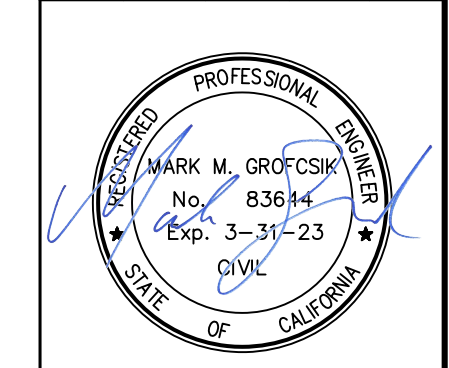
scale
AS SHOWN

dwg name
CIVIL9.DWG

C-1



REVISD PER PLN21-132-PRE COMMENTS 1/11/2022



RJ Engineering, Inc.
 303 Potrero St., Suite 42-202, Santa Cruz, CA 95060
 831-425-3901 www.rjengineering.com

GRADING ABATEMENT PLAN
 FOR
 DAVID BLIVEN
 13565 FOOTHILL AVE
 SAN MARTIN, CA 95046
 APN 8205-26-071

2006 APPROVED POST-CONSTRUCTION TOPOGRAPHY PRE-GRADING VIOLATION

project no. 15-099-1
 date JAN 2022
 scale AS SHOWN
 dwg name CIVIL9.DWG

2002 TOPOGRAPHIC SURVEY

THE TOPOGRAPHIC SURVEY PROVIDED HEREON ON THIS PLAN SHEET WAS COMPLETED BY SURVEY CONSTRUCTION STAKING CO., INC. THE SURVEY IS ASSUMED TO HAVE BEEN COMPLETED IN 2002 OR PRIOR AND WAS USED TO CREATE THE IMPROVEMENT PLANS BY SURVEY CONSTRUCTION STAKING CO., INC.

RI ENGINEERING INC. MAKES NO GUARANTEE AS TO THE ACCURACY OF THIS SURVEY.

NOTE: THIS SHEET HAS ADJUSTED 2002 DATA, SEE SHEET C-1 FOR MORE INFORMATION

MARCH 2002 APPROVED DESIGN PLAN

THE HOME LOCATION AND PROPOSED CONTOURS SHOWN ON THIS PLAN ARE BASED UPON THE CIVIL ENGINEERING PLANS BY SURVEY CONSTRUCTION STAKING CO., INC REVISION 1 DATED MARCH 15, 2002. Co. FILE NO. 7062-74-32-988.

2006 APPROVED GRADING LEGEND

- (E) AC
- (E) RETAINING WALL
- PROPERTY LINE
- ASSUMED POST-CONSTRUCTION APPROVED CONTOURS CIRCA 2006
- (E) SANTA CLARA VALLEY WATER DISTRICT FLOOD CONTROL EASEMENT

2006 TOPOGRAPHIC INFORMATION

THE CONTOURS SHOWN ON THIS PLAN REPRESENT APPROVED GRADING DONE TO CONSTRUCT THE HOUSE, BRIDGE, GARAGE, DRIVEWAY, AND SEPTIC FIELD. THE CONTOURS SHOWN ARE ASSUMED TO HAVE BEEN APPROVED BY THE COUNTY OF SANTA CLARA IN 2006 POST-CONSTRUCTION. THIS PLAN IS THE BASIS OF ELEVATION ON THE PROPERTY BEFORE THE GRADING VIOLATION OCCURRED.

THE TOPOGRAPHIC INFORMATION PROVIDED ON THIS PLAN SHEET SHOWS ASSUMED CONTOURS IN 2006 FOLLOWING THE HOME CONSTRUCTION AND ASSOCIATED GRADING. THE 2002 SURVEY AND IMPROVEMENT PLANS BY SURVEY CONSTRUCTION STAKING CO., INC. ARE THE BASIS FOR THE SHOWN ELEVATIONS.

RI ENGINEERING INC. MAKES NO GUARANTEE AS TO THE ACCURACY OF THE INTERPRETATION OF THE TOPOGRAPHY IN 2006.

BASIS OF BEARINGS

THE BASIS OF BEARINGS USED BY SURVEY CONSTRUCTION STAKING CO., INC. IS S66°11'W, AS DELINEATED ON THAT CERTAIN PARCEL MAP, RECORDED IN BOOK 295 OF MAPS AT PAGE 23, SANTA CLARA COUNTY RECORDS, WAS TAKEN AS THE BASIS OF BEARINGS AS ESTABLISHED IN THE FIELD BETWEEN THE TWO FOUND IRON PIPE MONUMENTS, AS NOTED HEREON.

BASIS OF ELEVATION

THE BASIS OF ELEVATION FOR THIS PLAN SET AND THE HANNA BRUNETTI 2010 SURVEY IS SANTA CLARA WATER DISTRICT BRASS DISK BENCHMARK ID: BMS37 ELEVATION=303.36 (1998)

DESCRIPTION: BRASS DISK ON NORTHERLY SIDE OF SAN MARTIN AVENUE, ON TOP OF 12" WIDE HEADRAIL FOR NORTHWEST CORNER OF BRIDGE, 0.8 FEET EASTERLY OF WESTERLY END OF WALL; 0.1 MILE WESTERLY OF FOOTHILL AVENUE; UNINCORPORATED SANTA CLARA COUNTY.

THE BASIS FOR ELEVATION FOR THE 2002 PRE-CONSTRUCTION SURVEY BY CONSTRUCTION STAKING CO. WAS ASSUMED. THEY SET A NAIL AND SHINER AT THE CL(S) OF FOOTHILL AVENUE AND THE ACCESS DRIVE TO THE PROPERTY. IT IS LABELED EL=317.00.

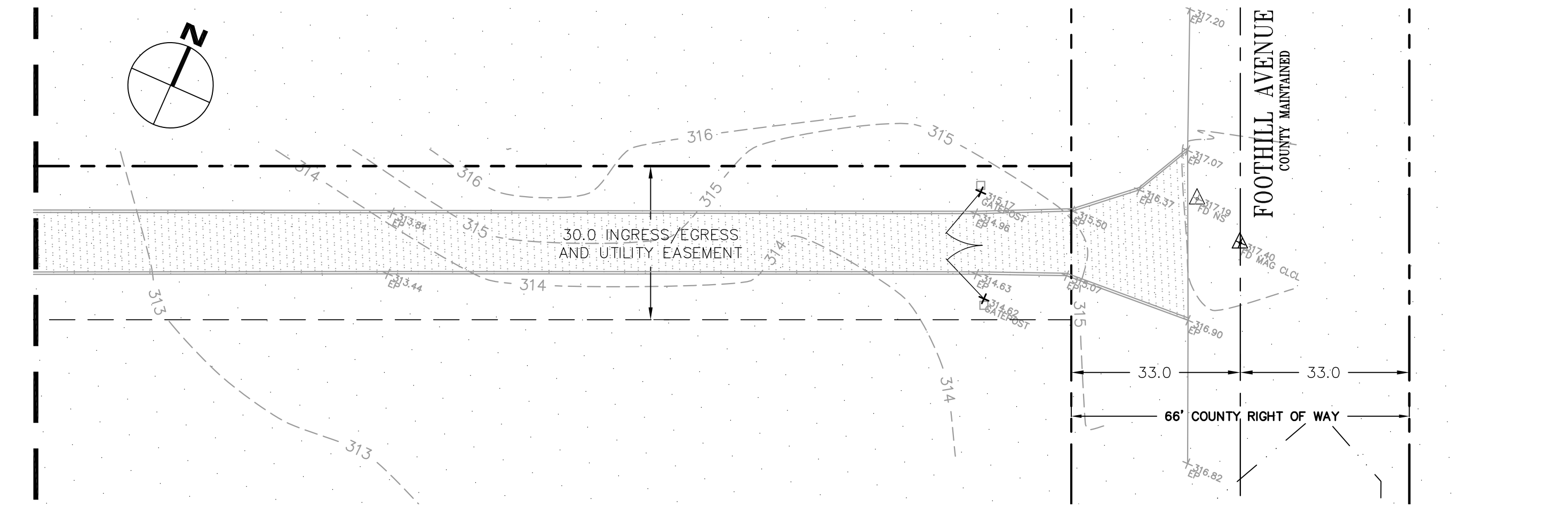
THE 2010 AFTER CONSTRUCTION AND VIOLATION SURVEY BY HANNA BRUNETTI CALCULATED THE ABOVE NAIL AND SHINER AT ELEVATION=317.40.

THE 2002 PLANS WERE DIGITIZED AND 0.40 FT. WAS ADDED TO THE LABELED ELEVATION VALUES, THEN USED FOR HISTORICAL AND TARGET GRADES ON SHEETS IN THIS PLAN SET.

RI ENGINEERING INC. MAKES NO GUARANTEE AS TO THE ACCURACY OF THESE SURVEYS OR THEIR ADJUSTED DATA.

ABBREVIATIONS

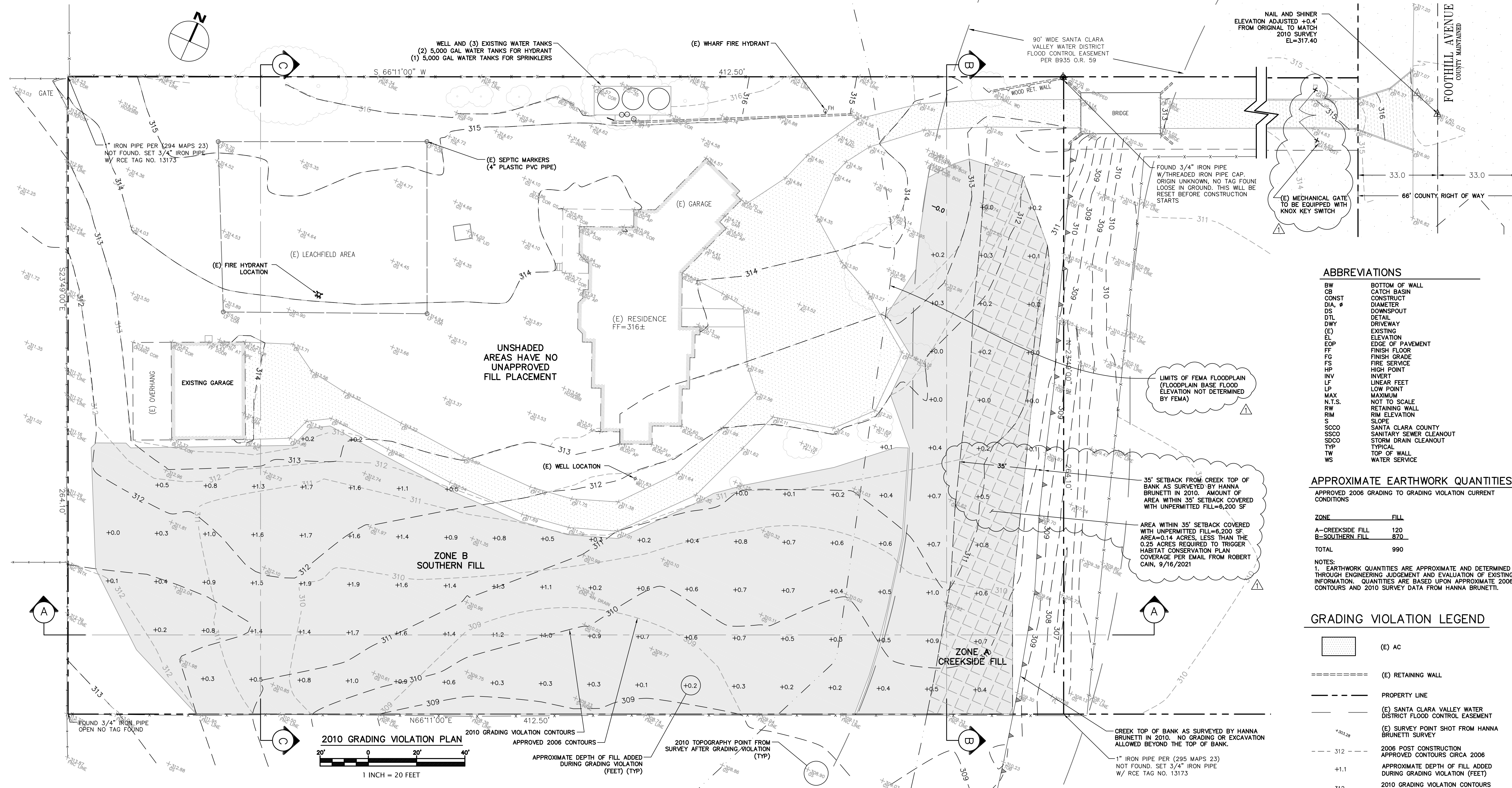
- BW BOTTOM OF WALL
- CB CATCH BASIN
- CONST CONSTRUCT
- DIA. DIAMETER
- DS DOWNSPOUT
- DTL DETAIL
- DWY DRIVEWAY
- (E) EXISTING
- EL ELEVATION
- EOP EDGE OF PAVEMENT
- FF FINISH FLOOR
- FG FINISH GRADE
- FS FIRE SERVICE
- HP HIGH POINT
- INV INVERT
- LF LINEAR FEET
- LP LOW POINT
- MAX MAXIMUM
- N.T.S. NOT TO SCALE
- RW RETAINING WALL
- RIM RIM ELEVATION
- S SLOPE
- SCCO SANTA CLARA COUNTY SANITARY SEWER CLEANOUT
- SSCO STORM DRAIN CLEANOUT
- TYP TYPICAL
- TW TOP OF WALL
- WS WATER SERVICE



APPLICANT: DAVID BLIVEN ROAD: FOOTHILL AVENUE

COUNTY FILE NO.: PLN21-132-PRE

GRADING ABATEMENT PLANS



ABBREVIATIONS

BW	BOTTOM OF WALL
CB	CATCH BASIN
CONST	CONSTRUCT
DIA.	DIAMETER
DS	DOWNSPOUT
DTL	DETAIL
DWY	DRIVEWAY
(E)	EXISTING
EL	ELEVATION
EOP	EDGE OF PAVEMENT
FF	FINISH FLOOR
FG	FINISH GRADE
FS	FIRE SERVICE
HP	HIGH POINT
INV	INVERT
LF	LINEAR FEET
LP	LOW POINT
MAX	MAXIMUM
N.T.S.	NOT TO SCALE
RETAINING WALL	RETAINING WALL
RIM	RIM ELEVATION
S	SLOPE
SCCO	SANTA CLARA COUNTY
SSCO	SANITARY SEWER CLEANOUT
SDCO	STORM DRAIN CLEANOUT
TYP	TYPICAL
TW	TOP OF WALL
WS	WATER SERVICE

APPROXIMATE EARTHWORK QUANTITIES

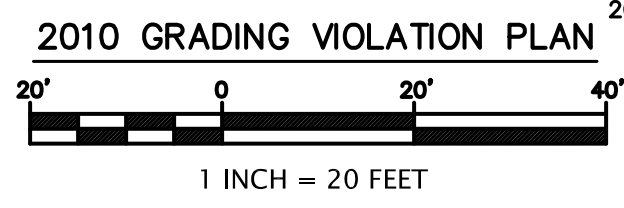
APPROVED 2006 GRADING TO GRADING VIOLATION CURRENT CONDITIONS

ZONE	FILL
A-CREEKSIDE FILL	120
B-SOUTHERN FILL	870
TOTAL	990

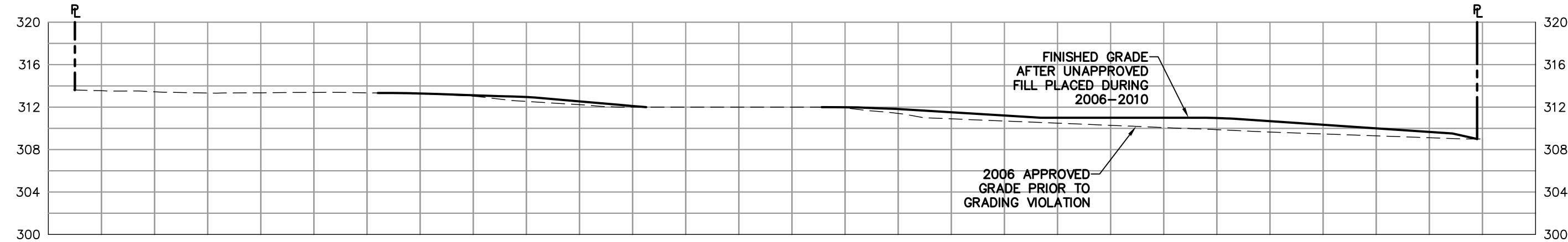
NOTES:
 1. EARTHWORK QUANTITIES ARE APPROXIMATE AND DETERMINED THROUGH ENGINEERING JUDGEMENT AND EVALUATION OF EXISTING INFORMATION. QUANTITIES ARE BASED UPON APPROXIMATE 2006 CONTOURS AND 2010 SURVEY DATA FROM HANNA BRUNETTI.

GRADING VIOLATION LEGEND

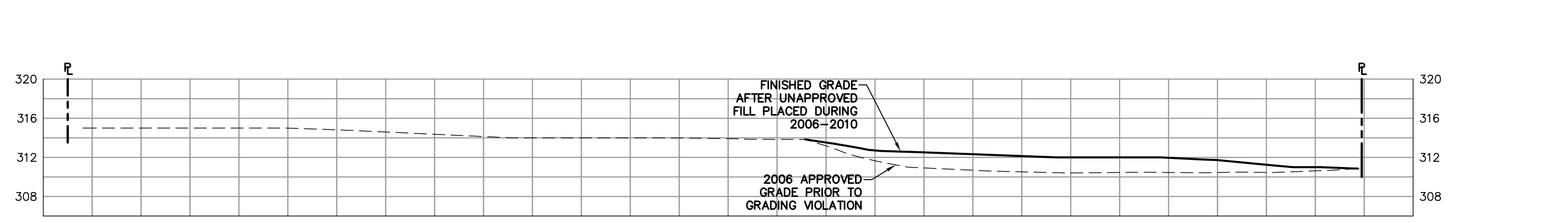
- (E) AC
- (E) RETAINING WALL
- PROPERTY LINE
- (E) SANTA CLARA VALLEY WATER DISTRICT FLOOD CONTROL EASEMENT
- (E) SURVEY POINT SHOT FROM HANNA BRUNETTI SURVEY
- 2006 POST CONSTRUCTION APPROVED CONTOURS CIRCA 2006
- 41.1 APPROXIMATE DEPTH OF FILL ADDED DURING GRADING VIOLATION (FEET)
- 312 2010 GRADING VIOLATION CONTOURS SURVEYED BY HANNA BRUNETTI



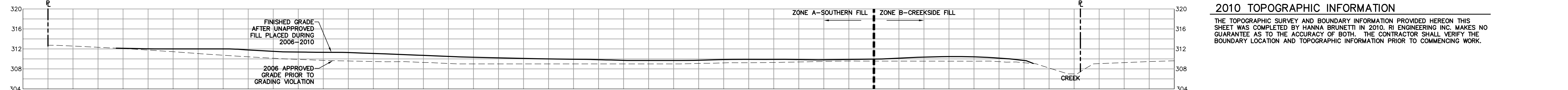
SECTION B-B: CREEKSIDE FILL
 SCALE: 1"=20' HORIZONTAL
 1"=10' VERTICAL
 (2:1 VERTICAL TO HORIZONTAL)



SECTION C-C: SOUTHERN FILL
 SCALE: 1"=20' HORIZONTAL
 1"=10' VERTICAL
 (2:1 VERTICAL TO HORIZONTAL)



SECTION A-A: SOUTHERN & CREEKSIDE FILL
 SCALE: 1"=20' HORIZONTAL
 1"=10' VERTICAL
 (2:1 VERTICAL TO HORIZONTAL)



2010 TOPOGRAPHIC INFORMATION
 THE TOPOGRAPHIC SURVEY AND BOUNDARY INFORMATION PROVIDED HEREON THIS SHEET WAS COMPLETED BY HANNA BRUNETTI IN 2010. RI ENGINEERING INC. MAKES NO GUARANTEE AS TO THE ACCURACY OF BOTH. THE CONTRACTOR SHALL VERIFY THE BOUNDARY LOCATION AND TOPOGRAPHIC INFORMATION PRIOR TO COMMENCING WORK.

REVISED PER PLN21-132-PRE COMMENTS 1/11/2022

1/11/2022

RI Engineering, Inc.
 303 Potrero St., Suite 42-202, Santa Cruz, CA 95060
 831-425-3901 www.riengineering.com

GRADING ABATEMENT PLAN
 FOR
 DAVID BLIVEN
 13565 FOOTHILL AVE
 SAN MARTIN, CA 95046
 APN 82526-071

2010 SURVEYED GRADING VIOLATION

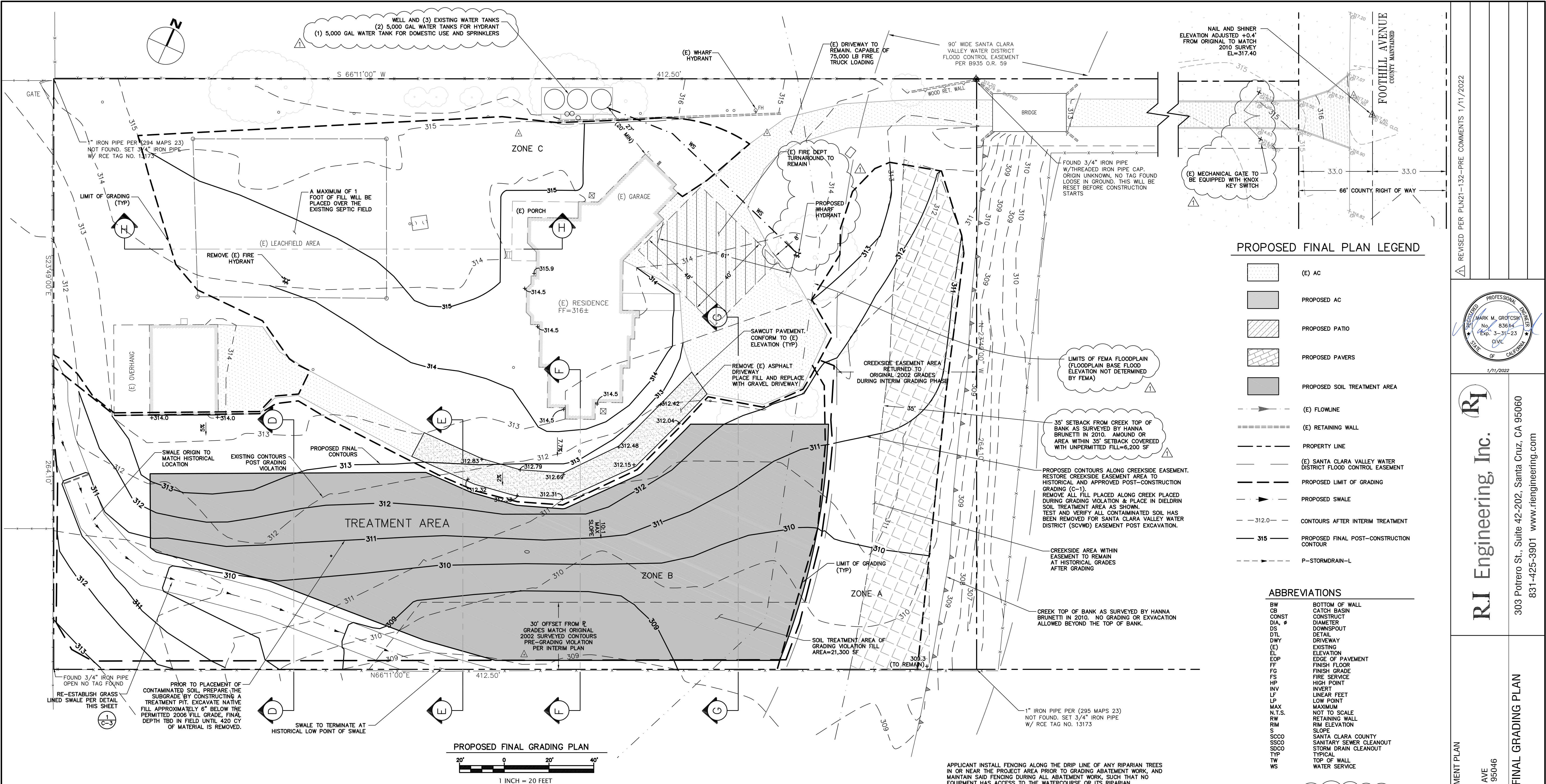
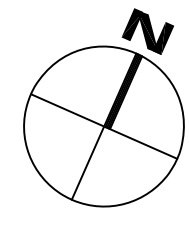
project no.
15-099-1

date
JAN 2022

scale
AS SHOWN

dwg name
CIVL9.DWG

C-3



PROPOSED FINAL PLAN LEGEND

- (E) AC
- PROPOSED AC
- PROPOSED PATIO
- PROPOSED PAVERS
- PROPOSED SOIL TREATMENT AREA
- (E) FLOWLINE
- (E) RETAINING WALL
- PROPERTY LINE
- (E) SANTA CLARA VALLEY WATER DISTRICT FLOOD CONTROL EASEMENT
- PROPOSED LIMIT OF GRADING
- PROPOSED SWALE
- CONTOURS AFTER INTERIM TREATMENT
- PROPOSED FINAL POST-CONSTRUCTION CONTOUR
- P-STORMDRAIN-L

ABBREVIATIONS

- BW BOTTOM OF WALL
- CB CATCH BASIN
- CONST CONSTRUCT
- DIA. # DIAMETER
- DS DOWNSPOUT
- DTL DETAIL
- DWY DRIVEWAY
- (E) EXISTING
- EL ELEVATION
- EOP EDGE OF PAVEMENT
- FF FINISH FLOOR
- FG FINISH GRADE
- HP HIGH POINT
- FS FIRE SERVICE
- HP HIGH POINT
- INV INVERT
- LF LINEAR FEET
- LP LOW POINT
- MAX MAXIMUM
- N.T.S. NOT TO SCALE
- RW RETAINING WALL
- RM RIM ELEVATION
- S SLOPE
- SSCO SANTA CLARA COUNTY SANITARY SEWER CLEANOUT
- SDCO STORM DRAIN CLEANOUT
- TYP TYPICAL
- TW TOP OF WALL
- WS WATER SERVICE

IMPERVIOUS AREA TABLE

IMPERVIOUS AREA	EXISTING CONDITIONS	PROPOSED CONDITIONS
CONCRETE PATIO/WALKWAY	380 SF	REMAIN=380 SF
AC DRIVEWAY	10,131 SF	REMAIN=7,724 SF REMOVE=2,407 SF NEW=0 SF
RESIDENCE/BUILDINGS	6,212 SF	REMAIN=6,212 SF
IMPERVIOUS AREA TOTALS	16,723 SF	14,316 SF
TOTAL NEW IMPERVIOUS AREA	-	2,407 SF LESS IMPERVIOUS

APPROXIMATE FINAL EARTHWORK QUANTITIES

ZONE	CUT	FILL	NET
REMOVE VIOLATION FILL W/IN CREEK EASEMENT	120	-	120 (CUT)
EARTHWORK SOUTH OF DRIVEWAY	870	570	300 (CUT)
FILL UNDERNEATH DRIVEWAY RAISED PROFILE	-	70	70 (FILL)
FILL PLACED AROUND HOUSE AND PATIO NORTH OF DWY	-	350	350 (FILL)
TOTAL:	990	990	0

NOTES:
 1. EARTHWORK QUANTITIES ARE APPROXIMATE AND DETERMINED THROUGH ENGINEERING JUDGEMENT. QUANTITIES ARE BASED UPON APPROXIMATE 2006 CONTOURS AND 2010 SURVEY DATA FROM HANNA BRUNETTI.
 2. EXCESS FILL MATERIAL SHALL BE REMOVED AND HAULED TO AN APPROVED DISPOSAL SITE.

ASSUMED 10-20 CY OF ROCK EXPORT TO COUNTY APPROVED SITE

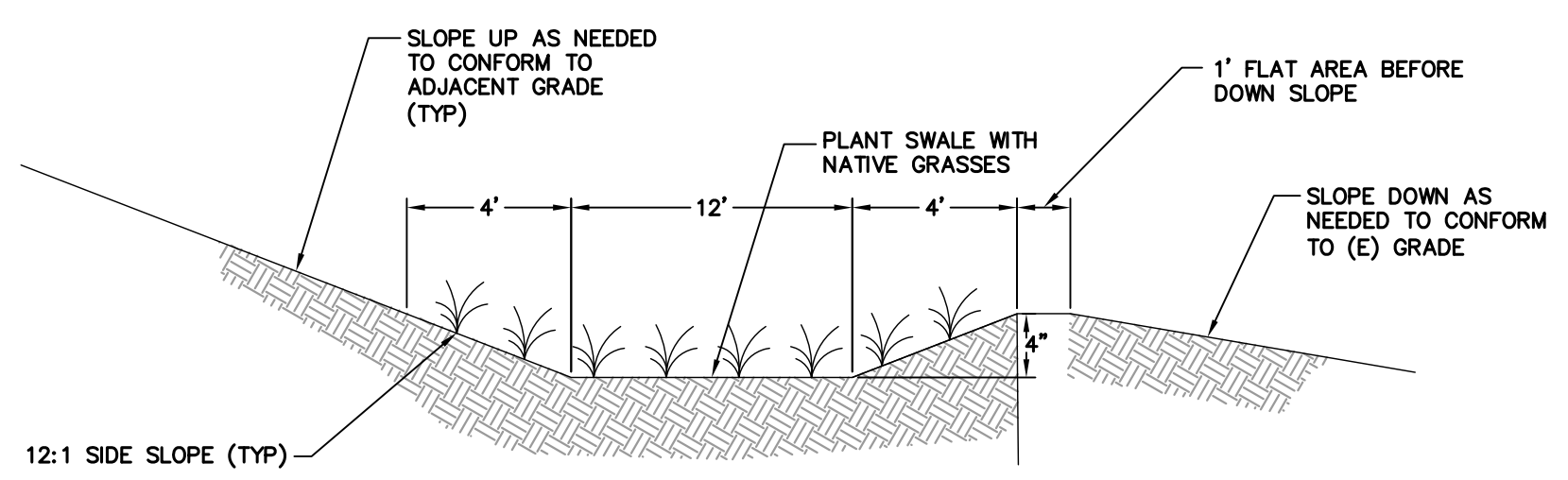
FINAL PLAN SCOPE OF WORK

- EXCAVATE NATIVE FILL TO CONSTRUCT A TREATMENT PIT FOR THE CONTAMINATED VIOLATION SOIL. EXCAVATED SOIL TO BE USED IN FINAL GRADING ACTIVITIES.
- REMOVE ALL UNPERMITTED FILL FROM THE CREEKSIDE EASEMENT AREA. CREEKSIDE AREA TO BE RESTORED TO HISTORICAL GRADE PRIOR TO GRADING VIOLATION.
- REMOVE ALL UNPERMITTED FILL WITHIN 30' OF THE SOUTHERN PROPERTY LINE. RETURN AREA TO HISTORICAL GRADE PRIOR TO GRADING VIOLATION.
- RE-ESTABLISH HISTORICAL SWALE AT SOUTHWESTERN CORNER OF PROPERTY. SWALE ORIGIN AND TERMINATION POINTS TO MATCH PRE-VIOLATION CONDITIONS.
- PLACE ALL EXCAVATED FILL FROM THE CREEKSIDE, SOUTHERN PROPERTY LINE, AND SWALE EXCAVATION WITHIN THE TREATMENT PIT AND SOIL TREATMENT AREA SHOWN. TREAT SOIL FOR CONTAMINATION DUE TO DIELDREN. FILL TO BE SPREAD LESS THAN 1'-6" HIGH FOR TREATMENT BY MICROBES. TREATMENT OPERATIONS AND TESTING TO BE DESIGNED BY OTHERS.
- PLACE ALL NATIVE FILL REMOVED FROM TREATMENT PIT IN THE AREAS LISTED BELOW:
 - WEST OF HOUSE
 - FILL AROUND THE SOUTHWEST CORNER OF RESIDENCE
 - RAISE DRIVEWAY TO RECEIVE FILL ALONG EXISTING ALIGNMENT

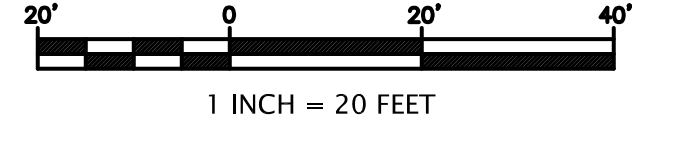
TESTING AND DOCUMENTATION

OWNER SHALL HAVE THE SOIL TESTED FOR CONTAMINANTS BEFORE, DURING, AND AFTER THE SOIL TREATMENT PROCESS. OWNER SHALL SUBMIT DOCUMENTATION OF TEST RESULTS TO THE COUNTY ONCE TREATMENT IS COMPLETE.

TRAPAZOIDAL GRASS SWALE DETAIL

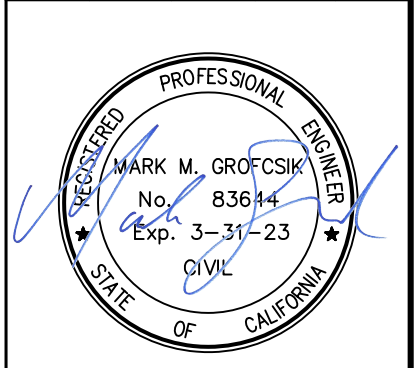


PROPOSED FINAL GRADING PLAN



1 INCH = 20 FEET

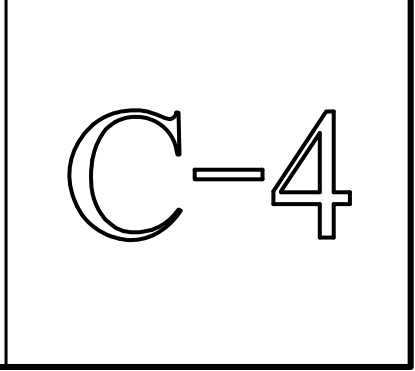
REVISED PER PLN21-132-PRE COMMENTS 1/11/2022

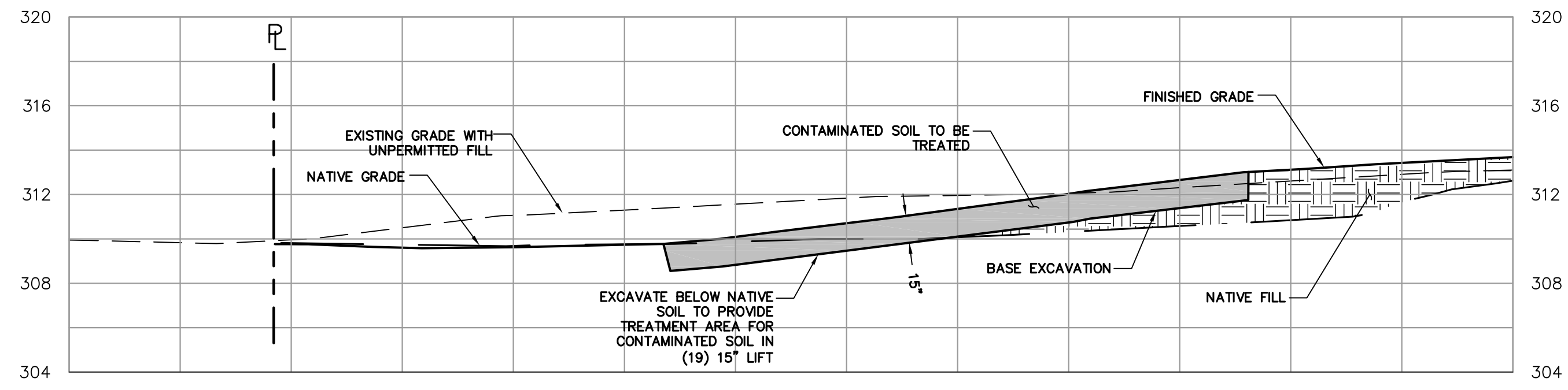


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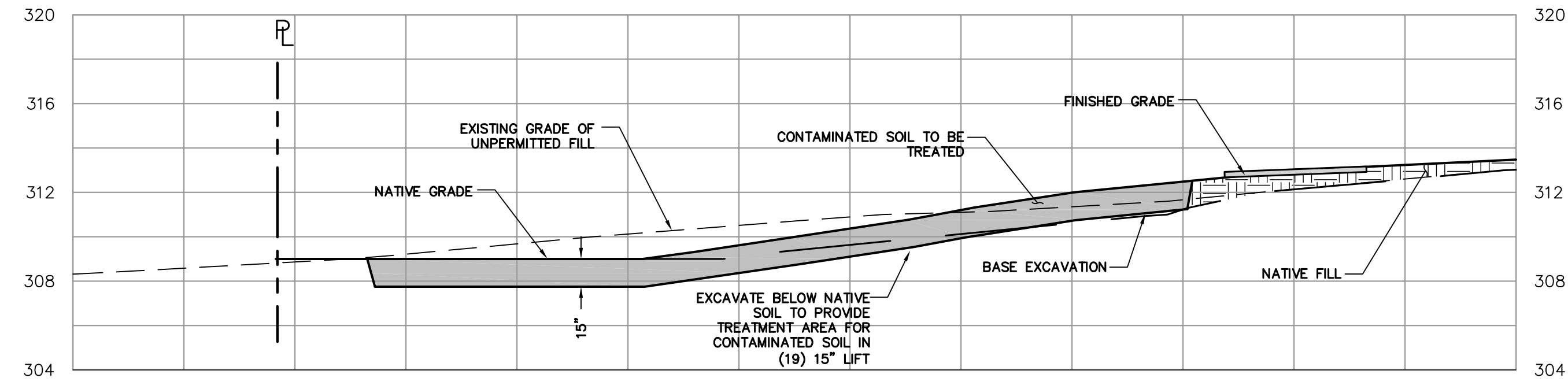
project no. 15-099-1
 date JAN 2022
 scale AS SHOWN
 dwg name CIVIL9.DWG





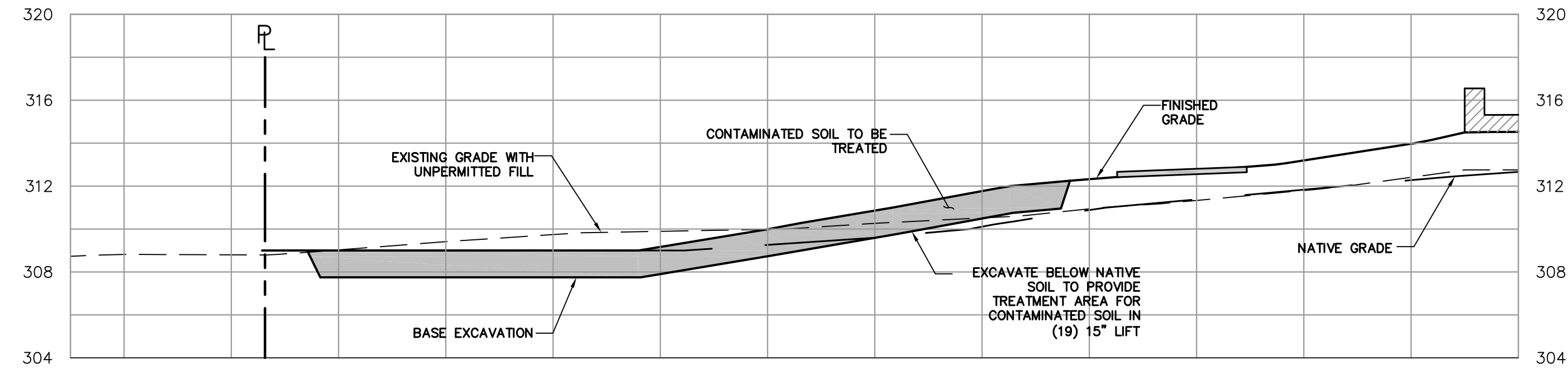
SECTION D-D: TREATMENT AREA

SCALE: 1"=10' HORIZONTAL,
1"=5' VERTICAL



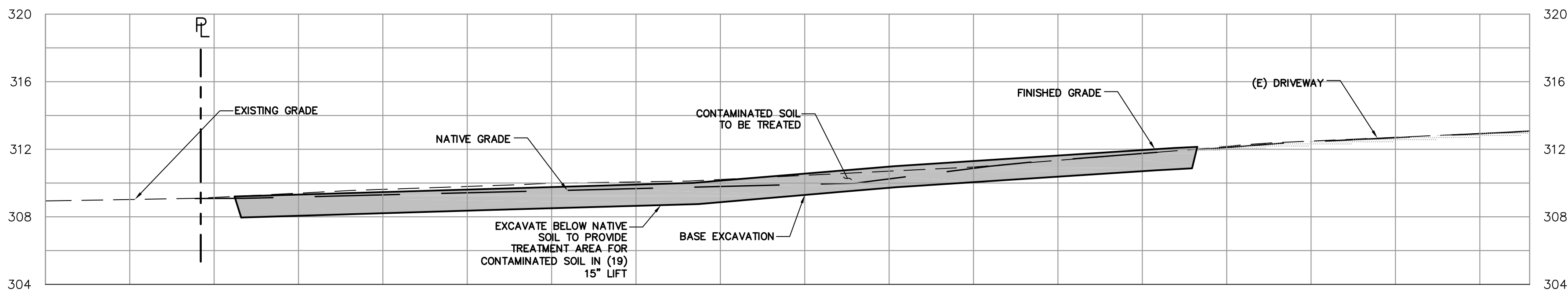
SECTION E-E: TREATMENT AREA

SCALE: 1"=10' HORIZONTAL,
1"=5' VERTICAL



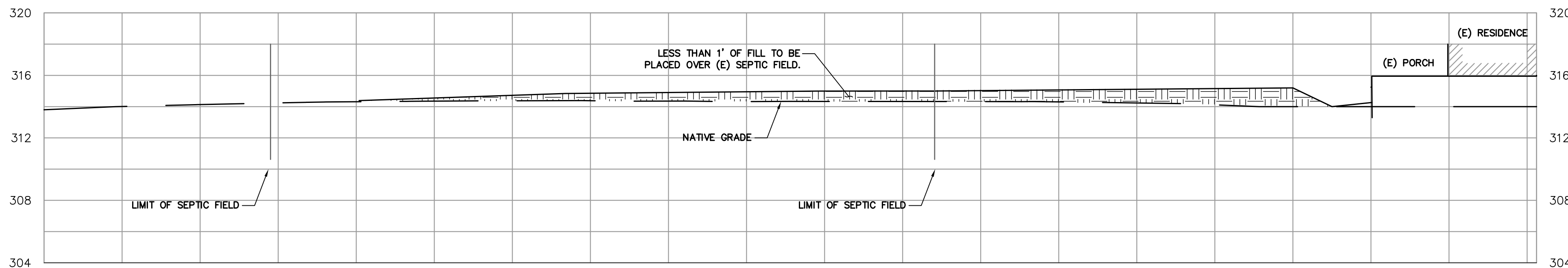
SECTION F-F: TREATMENT AREA

SCALE: 1"=10' HORIZONTAL,
1"=5' VERTICAL



SECTION G-G: TREATMENT AREA




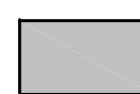

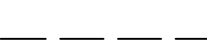

SCALE: 1"=10' HORIZONTAL,
1"=5' VERTICAL



SECTION H-H:

SCALE: 1"=10' HORIZONTAL,
1"=5' VERTICAL

SECTION LEGEND

-  (E) AC
-  PROPOSED AC
-  NATIVE FILL
-  CONTAMINATED SOIL IN TREATMENT AREA
-  FINISHED GRADE
-  EXISTING GRADE WITH UNPERMITTED FILL
-  NATIVE GRADE

REVISD PER PLN21-132-PRE COMMENTS 1/11/2022



1/11/2022



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GRADING ABATEMENT PLAN

FOR
DAVID BLIVEN
13565 FOOTHILL AVE
SAN MARTIN, CA 95046
APN 825-26-071

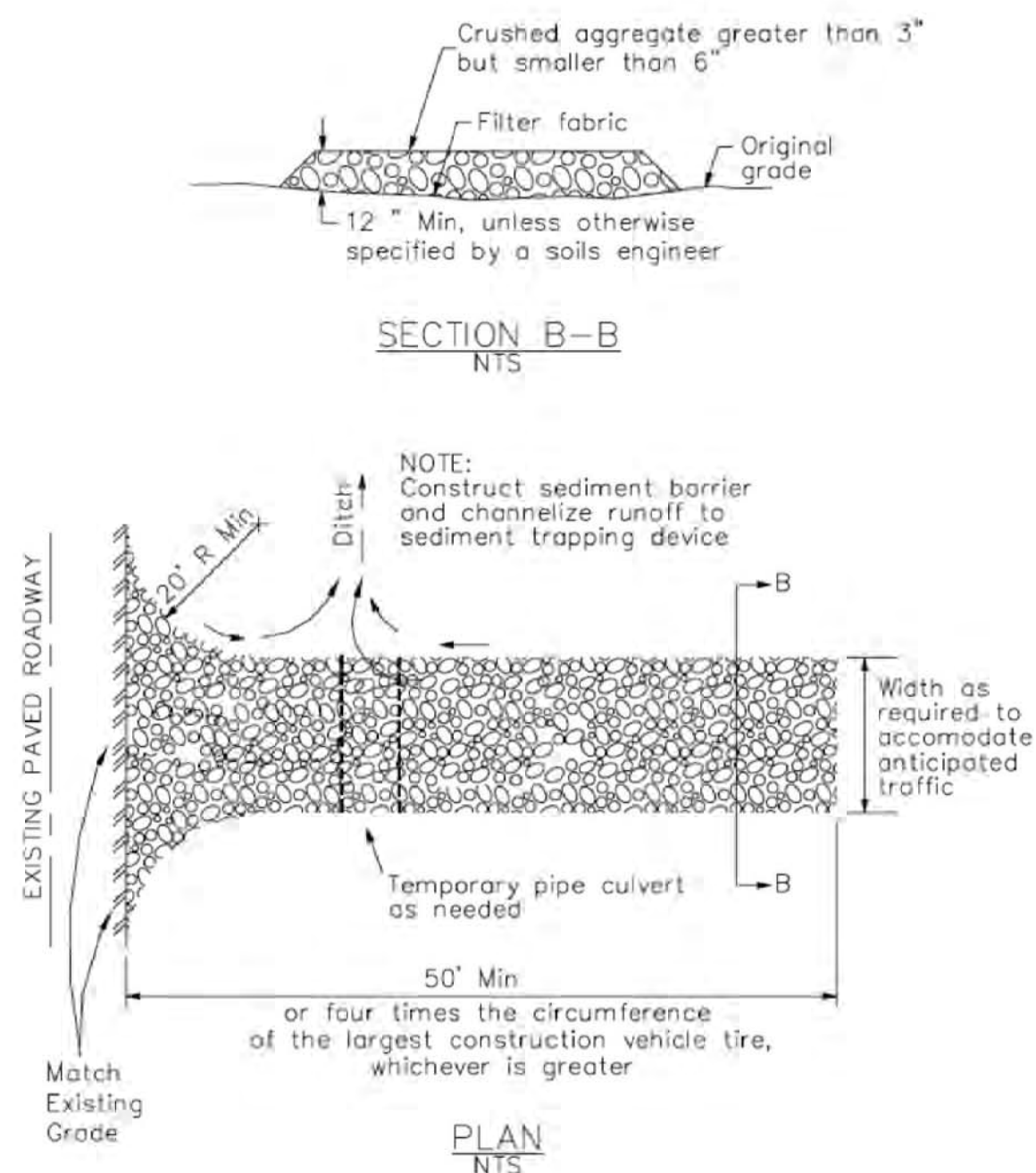
PROPOSED TREATMENT AREA
SECTIONS

project no.
15-099-1
date
JAN 2022
scale
AS SHOWN
dwg name
CIVIL9.DWG

C-5

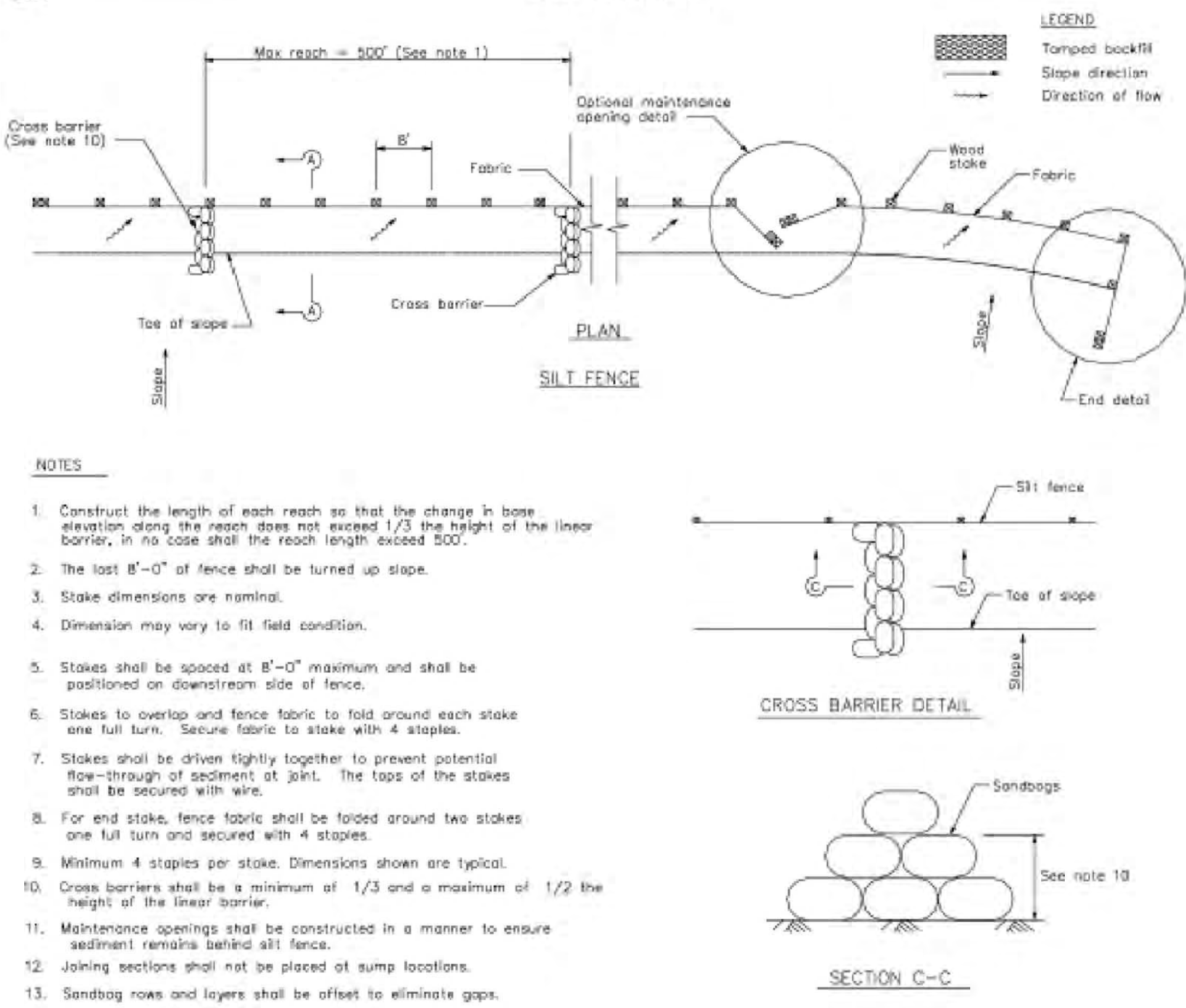
3 Stabilized Construction Entrance/Exit

CASQA Detail TC-1



1 Silt Fence

CASQA Detail SE-1



STANDARD BEST MANAGEMENT PRACTICE NOTES

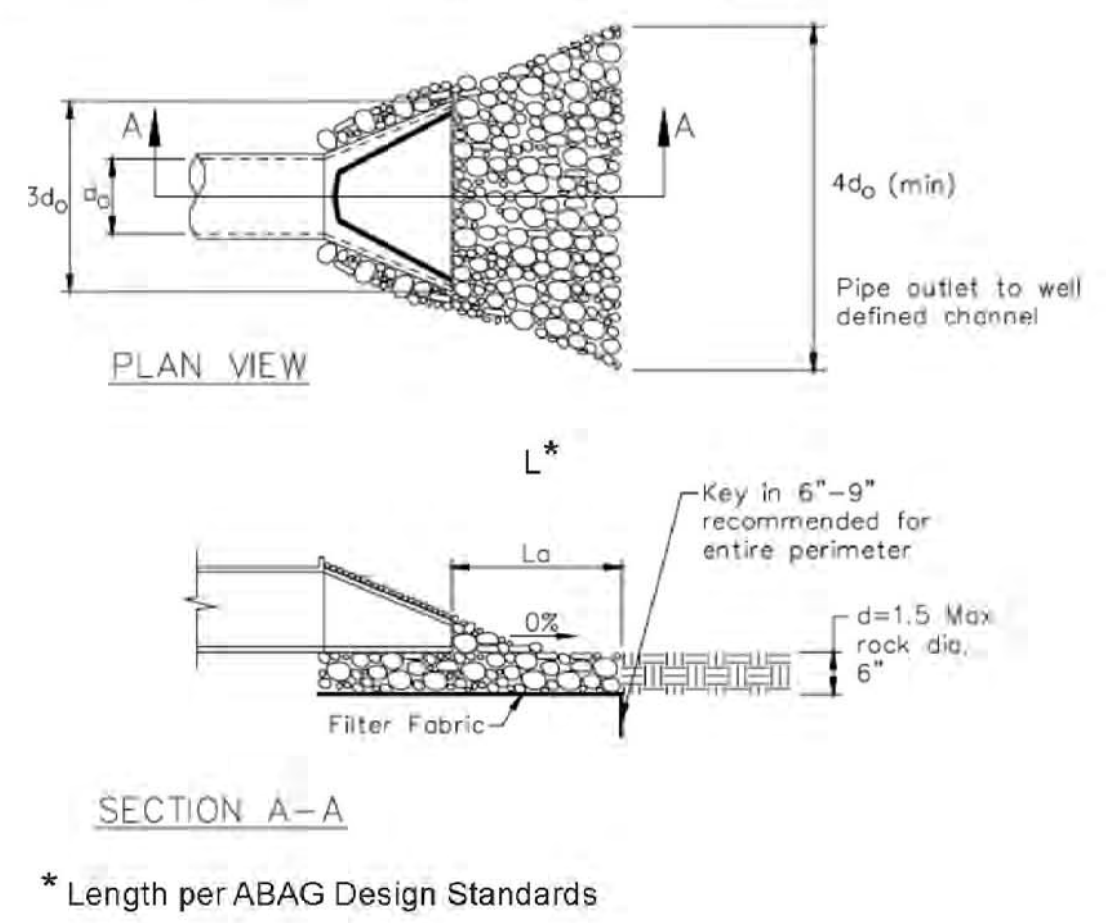
- Solid and Demolition Waste Management:** Provide designated waste collection areas and containers on site away from streets, gutters, storm drains, and waterways, and arrange for regular disposal. Waste containers must be watertight and covered at all times except when waste is deposited. Refer to 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.

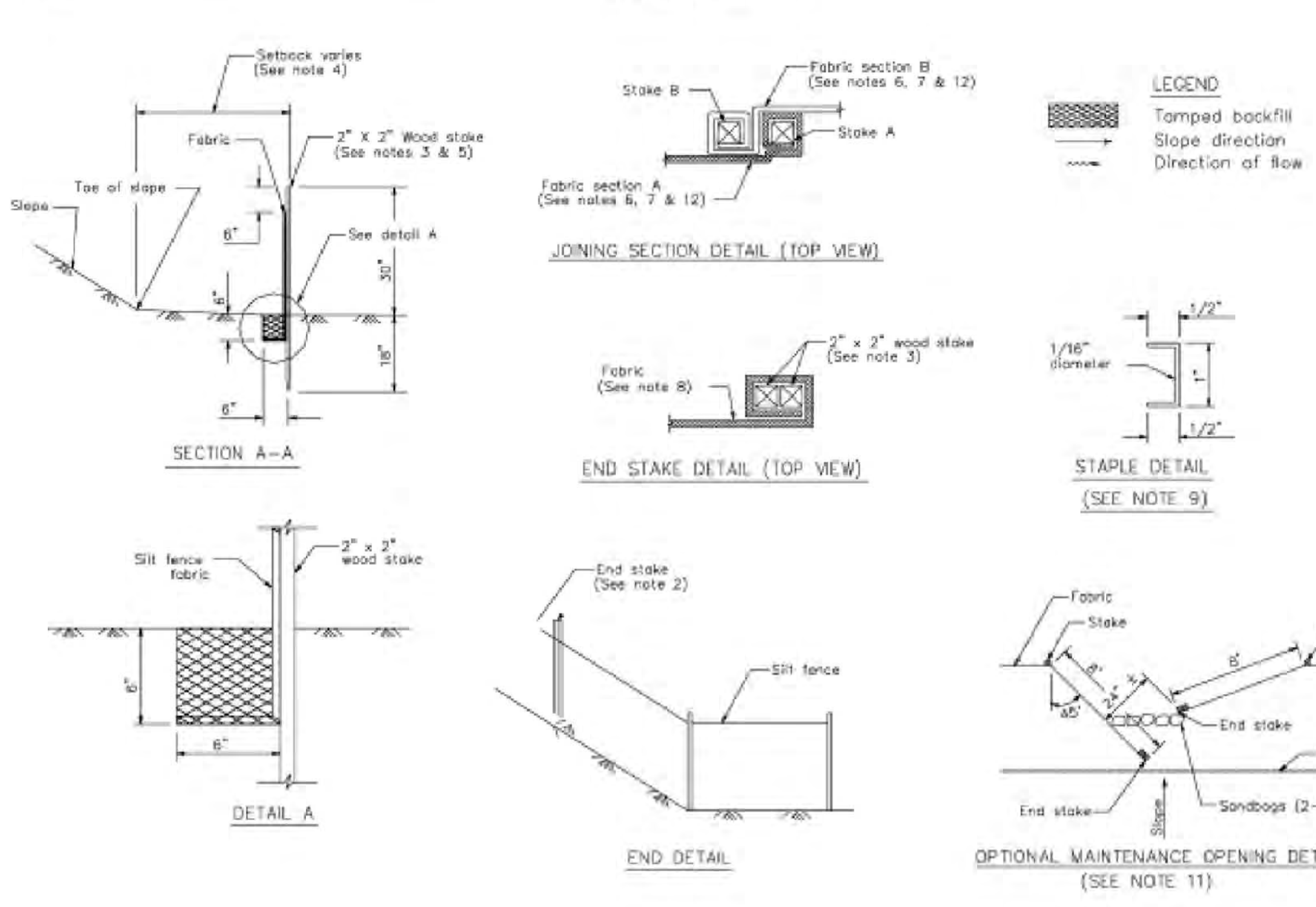
4 Velocity Dissipation Devices

CASQA Detail EC-10



2 Silt Fence

CASQA Detail SE-1



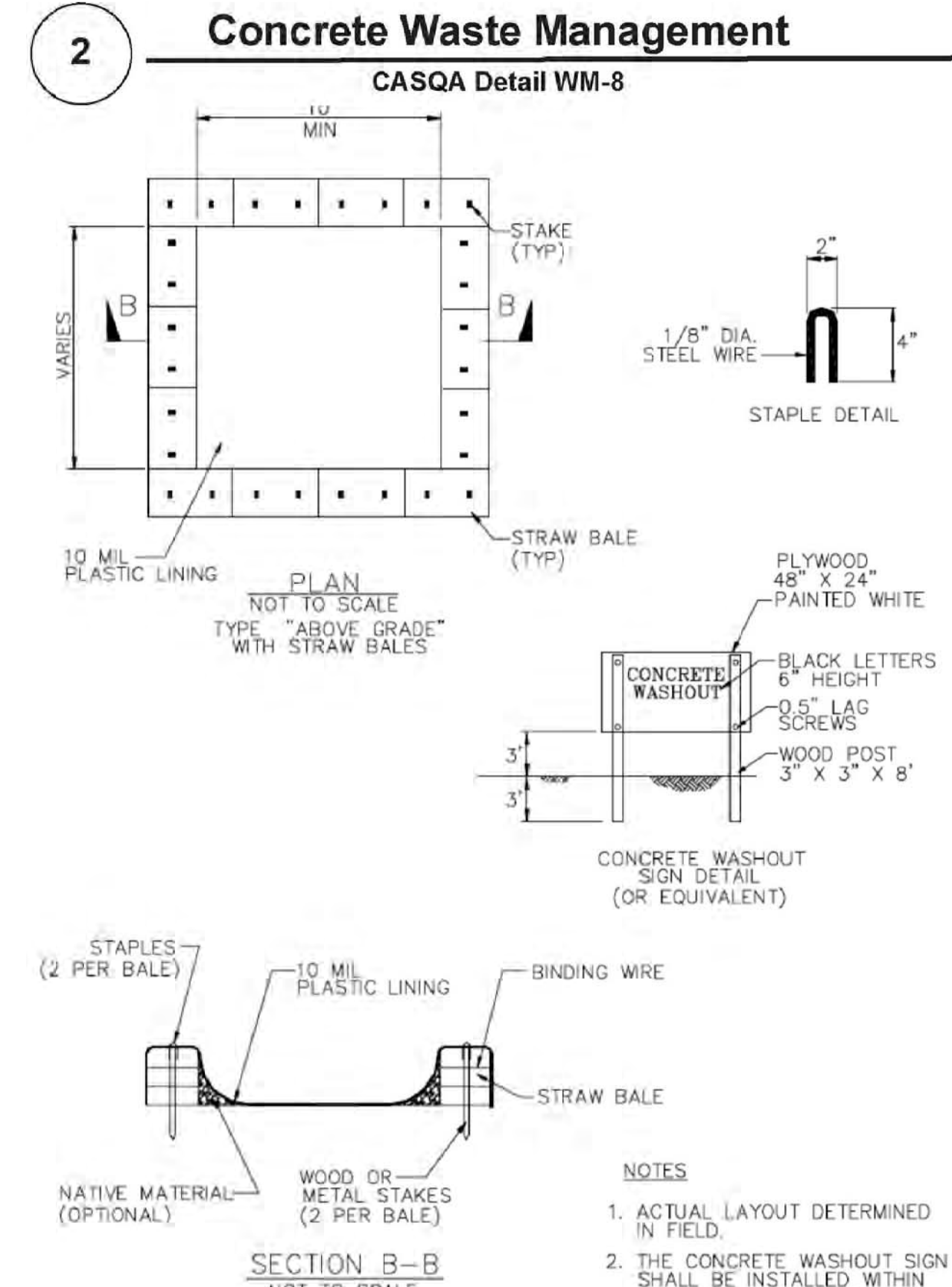
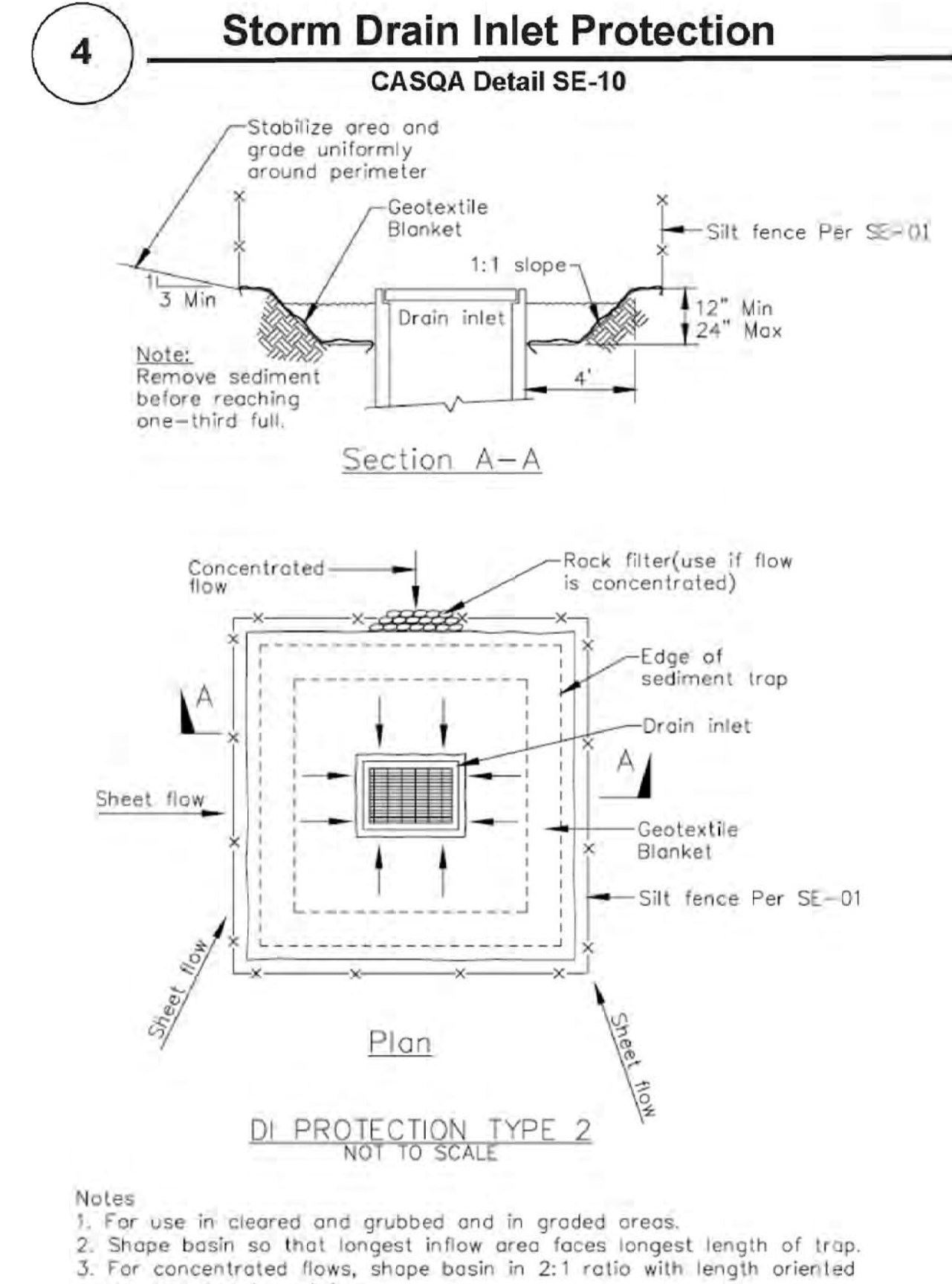
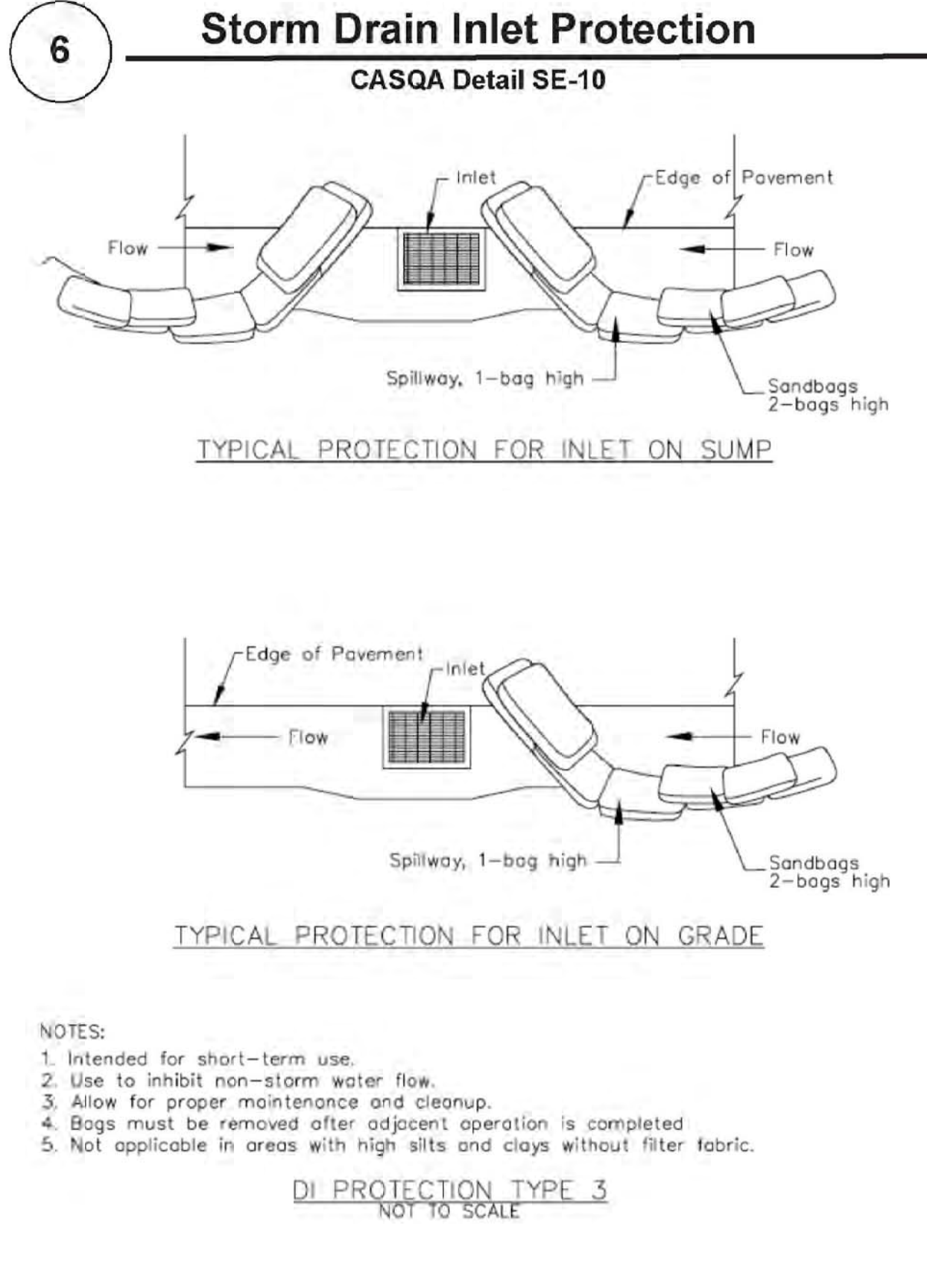
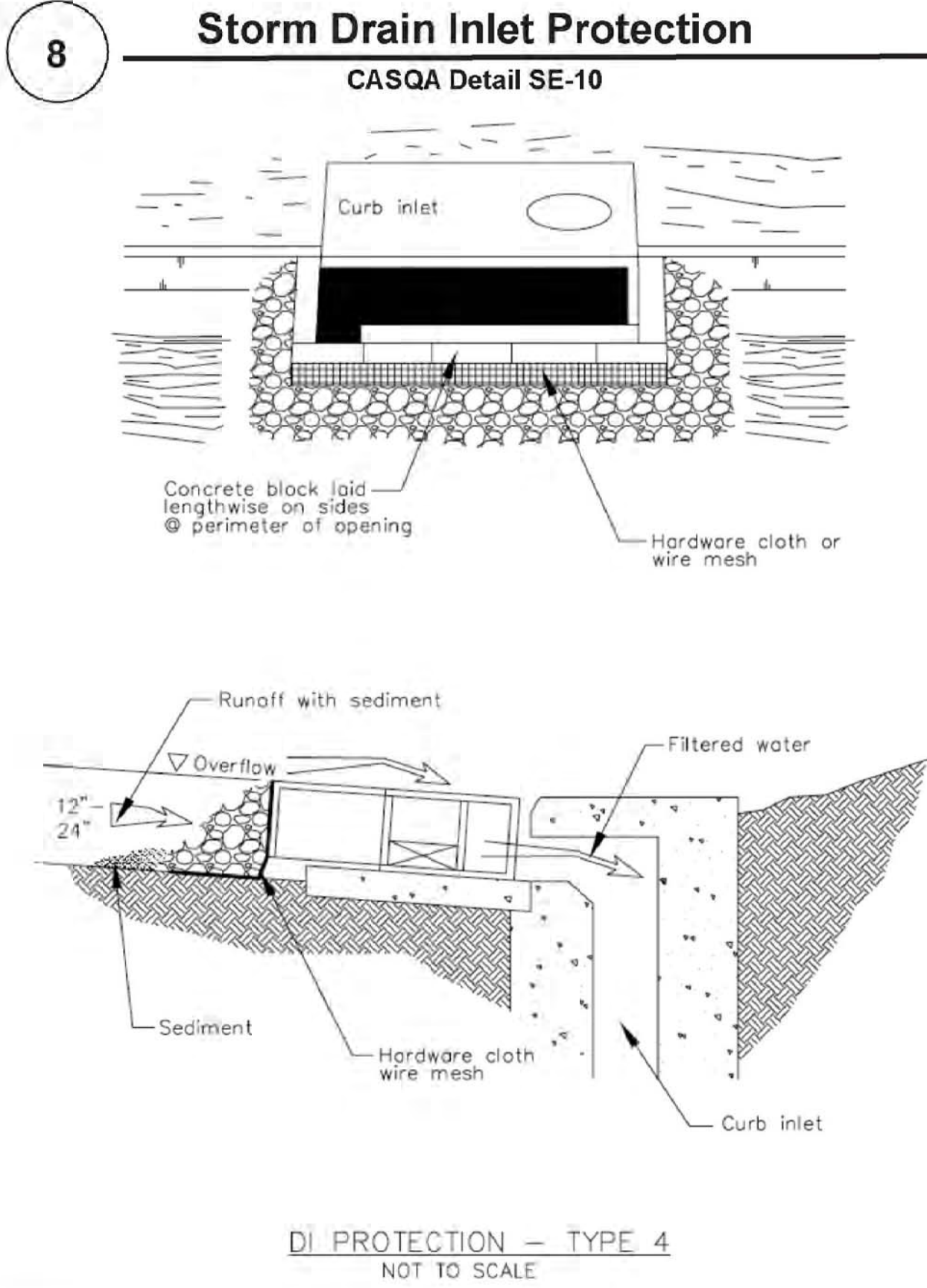
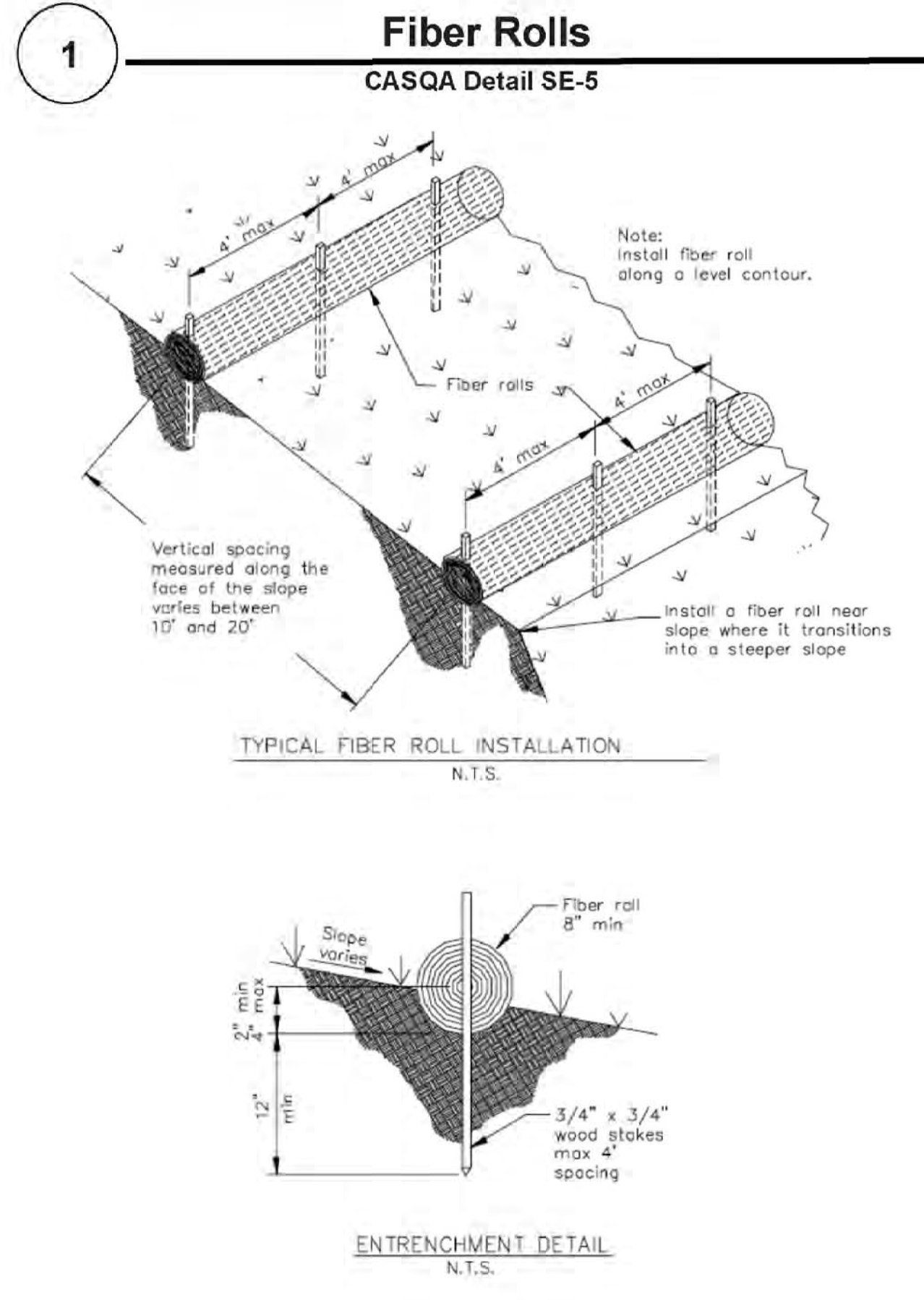
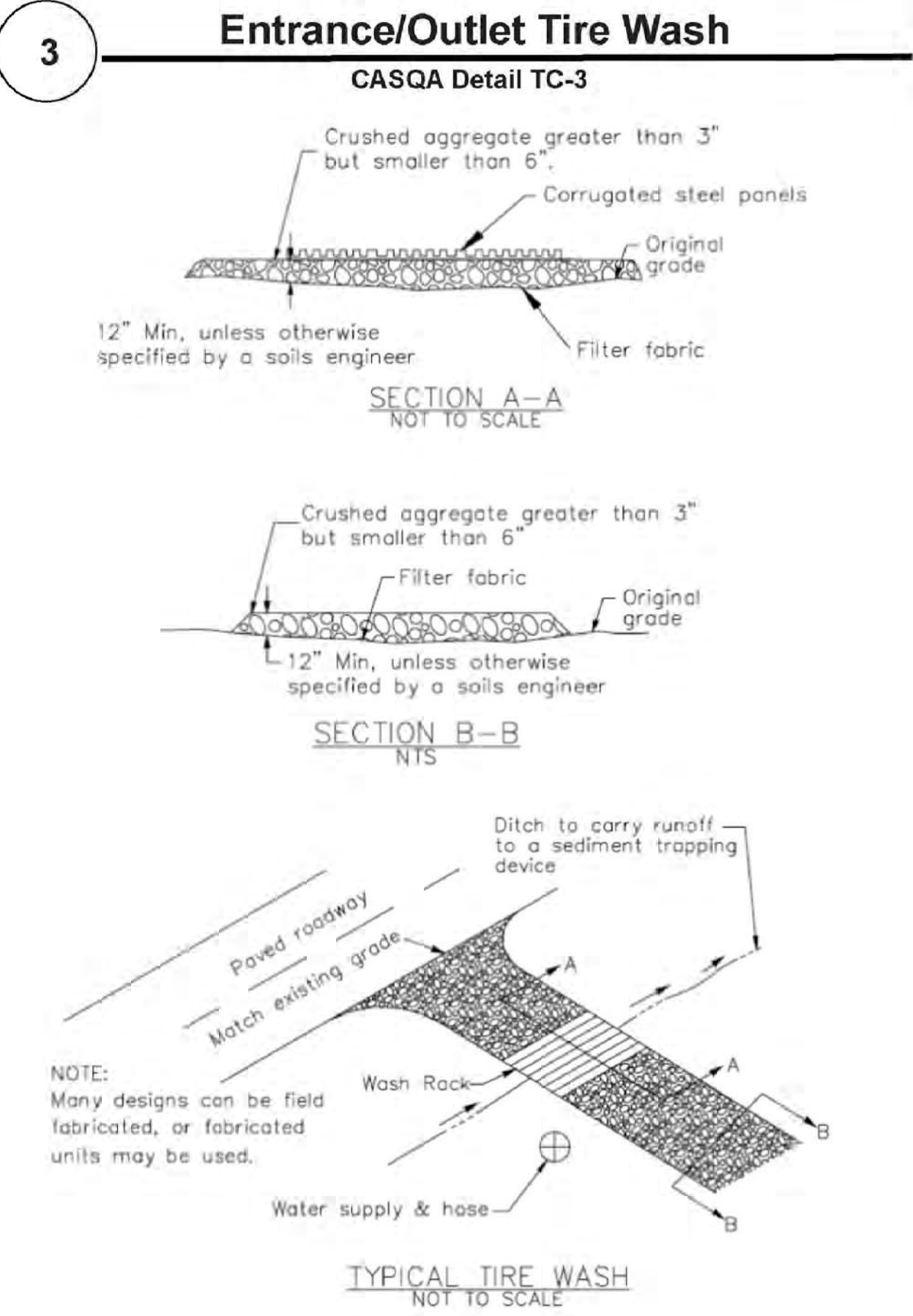
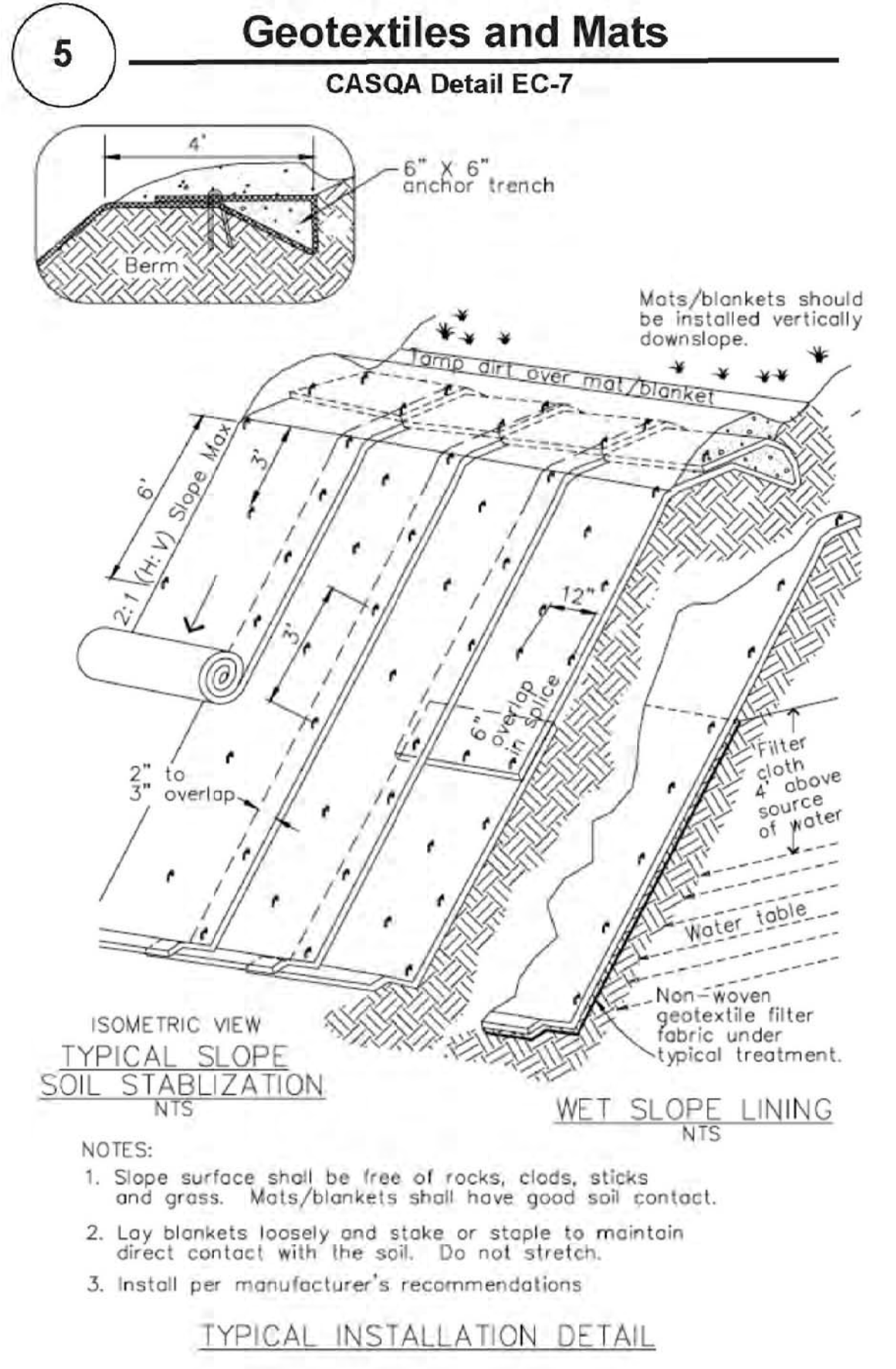
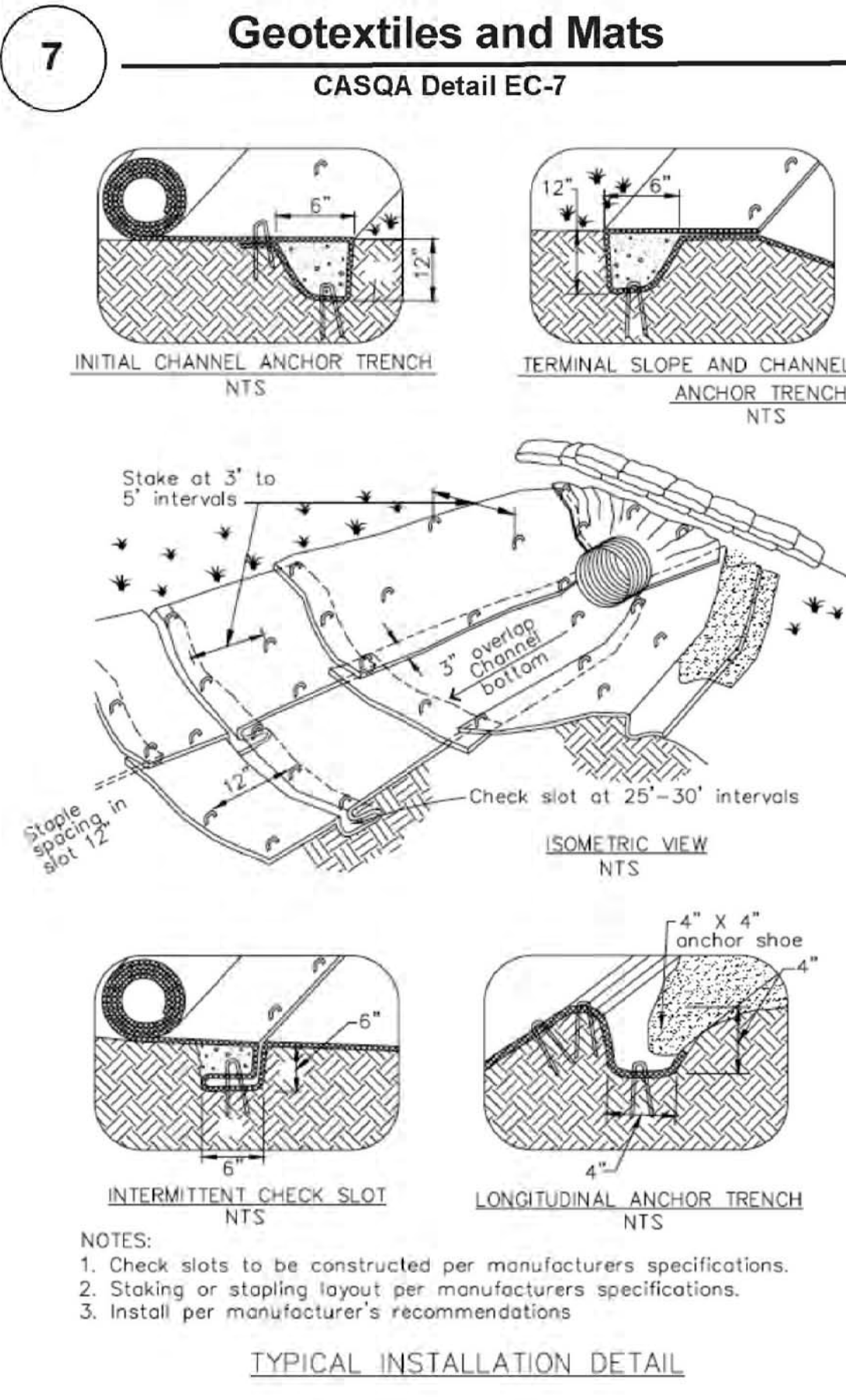
Source for Graphics: California Stormwater BMP Handbook, California Stormwater Quality Association, January 2003. Available from www.cabmphandbooks.com.

Project Information

APPLICANT: DAVID BLIVEN
ROAD: 13565 FOOTHILL AVE
COUNTY FILE NO.: 7062-15GV

GRADING VIOLATION
FOR
DAVID BLIVEN
13565 FOOTHILL AVE
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