

EXISTING TOPOGRAPHIC NOTES

- 1 EXISTING CURB - PROTECT IN PLACE
- 2 EXISTING CONCRETE VALLEY GUTTER - PROTECT IN PLACE
- 3 EXISTING FENCE - PROTECT IN PLACE
- 4 EXISTING UTILITY LINE, APPROXIMATE LOCATION, DEPTH UNKNOWN. PROTECT IN PLACE. CONTRACTOR SHALL POT HOLE TO VERIFY DEPTH OF UTILITY LINE WHEN EXCAVATING IN THE VICINITY OF THE EXISTING LINE
- 5 EXISTING UTILITY FEATURE - PROTECT IN PLACE
- NOTES 6 TO 10 NOT USED
- 11 EXISTING CURB - REMOVE AND DISPOSE OF
- 12 EXISTING FENCE - REMOVE AND DISPOSE OF
- 13 EXISTING DIRT PATH - TO BE REMOVED DURING EXCAVATION OF PROPOSED ROAD IMPROVEMENTS
- 14 EXISTING SEWER FORCE MAIN - REMOVE AND DISPOSE OF. CONTRACTOR SHALL COORDINATE TIMING OF FORCE MAIN REMOVAL WITH CCSD. THE MAJORITY OF THE NEW FORCE MAIN SHALL BE INSTALLED PRIOR TO REMOVAL OF EXISTING FORCE MAIN TO MINIMIZE DOWNTIME.

DEMOLITION GENERAL NOTES

1. UTILITIES: THE EXISTENCE AND APPROXIMATE LOCATIONS OF ANY UNDERGROUND UTILITIES OR STRUCTURES SHOWN ON THESE PLANS ARE OBTAINED BY A SEARCH OF THE AVAILABLE RECORDS AND BEST RECOLLECTION OF FACILITY STAFF. THE CIVIL ENGINEER ASSUMES NO LIABILITY AS TO THE EXACT LOCATION OF SAID LINES NOR FOR UTILITY OR IRRIGATION LINES WHOSE LOCATIONS ARE NOT SHOWN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING ALL UTILITY AND IRRIGATION COMPANIES PRIOR TO WORK OR POT HOLE TO DETERMINE THE EXACT LOCATIONS OF ALL LINES AFFECTING THIS WORK, WHETHER OR NOT SHOWN HEREON. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO OR PROTECTION OF ALL EXISTING UTILITY LINES.
2. THE CONTRACTOR IS RESPONSIBLE FOR THE DEMOLITION OF THE SITE AND SHALL REMOVE AND DISPOSE OF ALL STRUCTURES ABOVE AND OR BELOW GROUND UNLESS OTHERWISE NOTED. ANY HAZARDOUS MATERIALS ENCOUNTERED SHALL BE HANDLED AND REMOVED AS REQUIRED BY LOCAL AND/OR STATE LAWS AT NO COST TO THE OWNER.
3. THE CONTRACTOR SHALL EXERCISE DUE CARE TO AVOID DAMAGE TO EXISTING HARDSCAPE IMPROVEMENTS, UTILITY FACILITIES, AND LANDSCAPING FEATURES THAT ARE NOT AFFECTED BY THESE PLANS.
4. ALL JOIN LINES SHALL BE SAW CUT ON A NEAT, STRAIGHT LINE PARALLEL WITH THE JOIN. THE CUT EDGE SHALL BE PROTECTED FROM CRUSHING, AND ALL BROKEN EDGES SHALL BE RECUT PRIOR TO JOINING.
5. ALL EXISTING OBJECTIONABLE MATERIALS THAT CONFLICT WITH PROPOSED IMPROVEMENTS INCLUDING, BUT NOT LIMITED TO, BUILDING FOUNDATIONS, UTILITIES AND APPURTENANCES, TREES, SIGNS, AND STRUCTURES, ETC. SHALL BE REMOVED AND DISPOSED BY THE CONTRACTOR AT NO COST TO THE OWNER, UNLESS OTHERWISE INDICATED HEREIN, OR AS DIRECTED BY THE CONSTRUCTION MANAGER.
6. THE CONTRACTOR SHALL PROTECT ALL EXISTING STREETS FROM DAMAGES CAUSED BY HIS OPERATIONS. ANY CURBS DAMAGED DURING HIS OPERATIONS SHALL BE SAWCUT AND REPLACED AT NO COST TO THE OWNER. ANY EXISTING PAVING IDENTIFIED AS POTENTIALLY NEEDING TO BE REPLACED SHALL BE BROUGHT TO THE ATTENTION OF THE OWNERS REPRESENTATIVE PRIOR TO THE COMMENCEMENT OF WORK.
7. THE CONTRACTOR SHALL PERFORM AND BE RESPONSIBLE FOR ALL CLEARING AND GRUBBING OPERATIONS AS NECESSARY TO COMPLETE THE WORK, INCLUDING TRANSPORTATION AND DISPOSAL OF ALL REMOVED MATERIALS, AND ALL ASSOCIATED COSTS.

EXISTING UTILITY LINES NOTE:
 EXISTING UTILITY LINES SHOWN ARE APPROXIMATE, BASED ON A SURVEY PERFORMED BY ALL PRIVATE UTILITY LOCATING, INC. ON MARCH 24, 2025. THE CONTRACTOR SHALL REVIEW THE RESULTS OF THIS SURVEY AND IS ADVISED TO POT HOLE AS NECESSARY TO PROTECT EXISTING UTILITIES.

FORCE MAIN NOTE:
 THE EXISTING FORCE MAIN IS ASSUMED TO BE 18" DEEP, WHICH WILL CONFLICT WITH THE ROAD STRUCTURAL SECTION. THEREFORE, THE CONTRACTOR SHALL INSTALL THE NEW SEWER FORCE MAIN WITH 4' OF COVER. COORDINATE THE SEWER FORCE MAIN REPLACEMENT SCHEDULE WITH CCSD STAFF.

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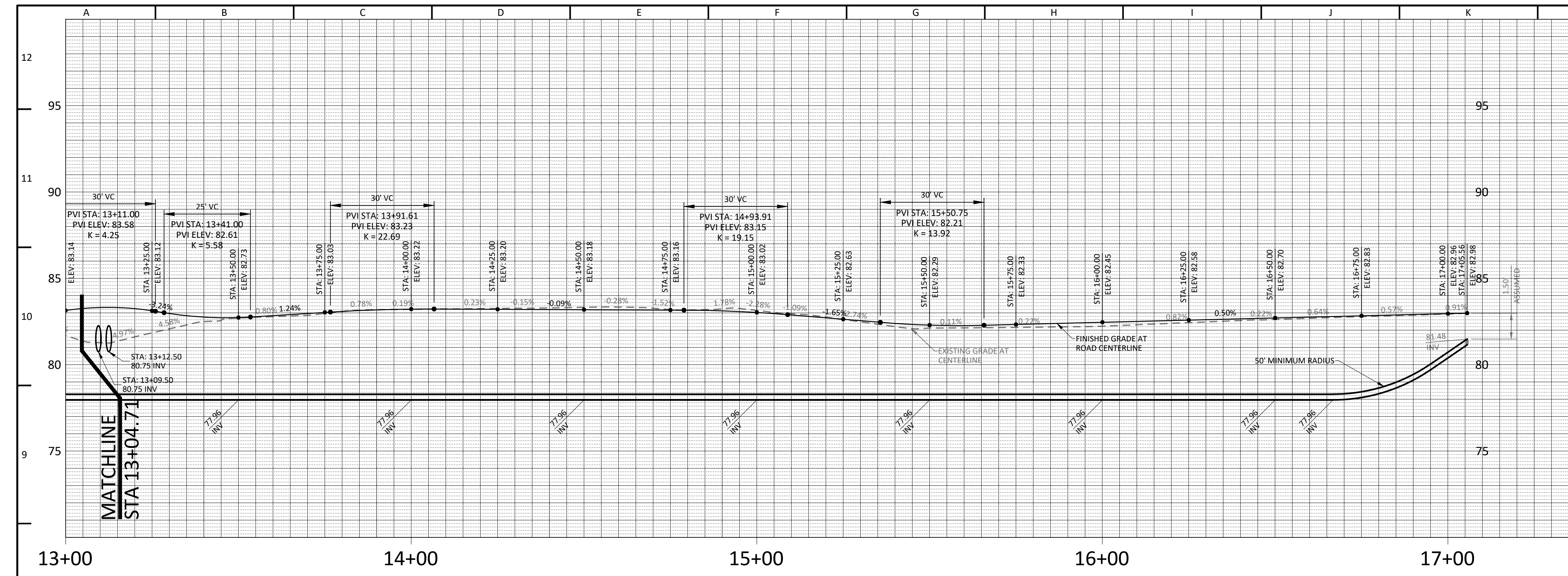
ENGINEER OF RECORD:
 PROJECT LOCATION:
 2820 SANTA ROSA CREEK RD
 CAMBRIA, CA 93428

PLANS PREPARED FOR:
 CAMBRIA COMMUNITY SERVICES DISTRICT
 2150 MAIN ST
 CAMBRIA, CA 93428
 APN: 013-081-075

REVISIONS:	
REVIEWED BY:	MRS
PREPARED BY:	MRS
DATE:	March 16, 2026
SCALE:	AS SHOWN
CDS JOB #:	25-008

EXISTING CONDITIONS
C200
 SHEET --- OF 7 SHEETS

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CONSTRUCTION NOTES

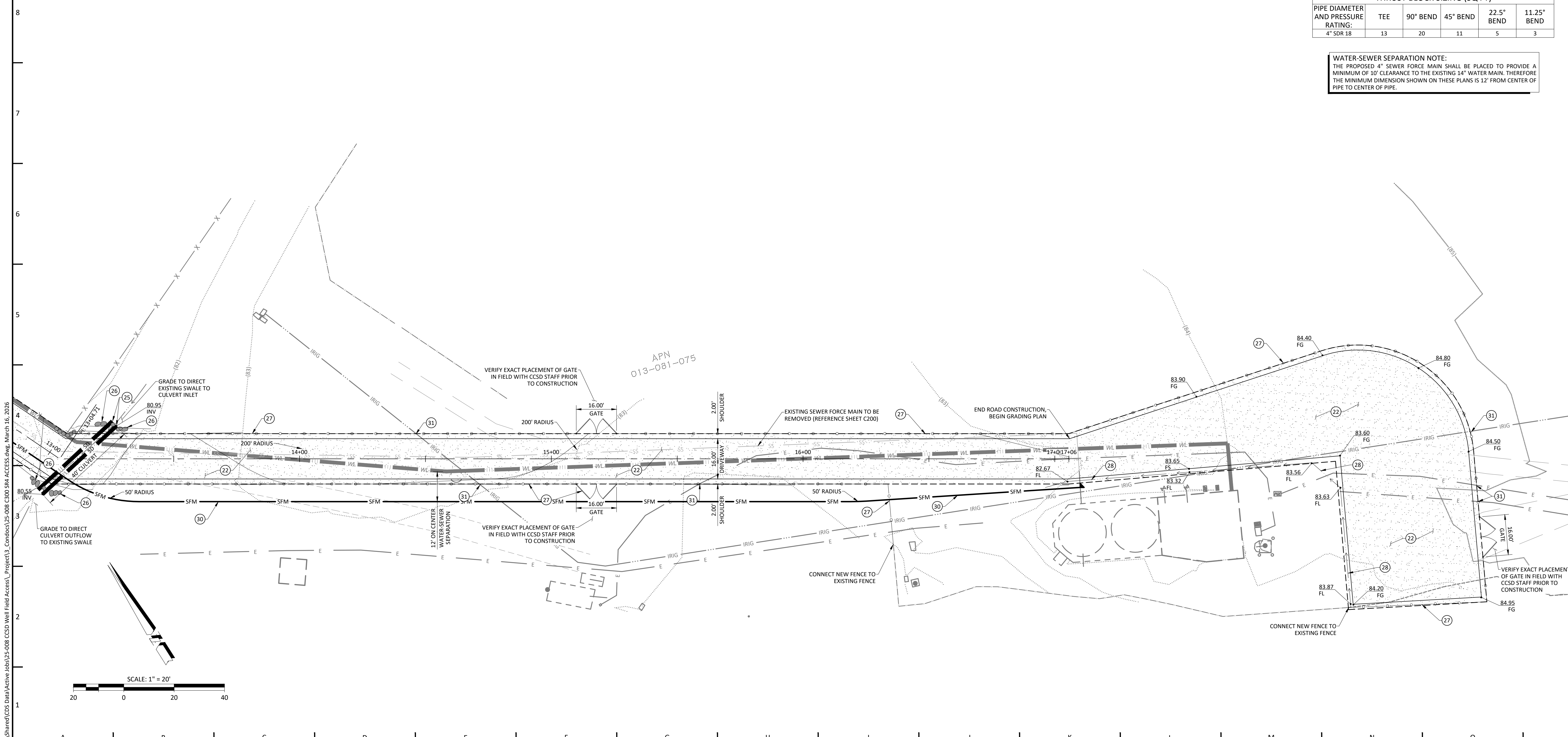
- (21) CONSTRUCT 8" P.C.C. (520-C-2500) OVER 6" CLASS 2 BASE WITH THICKENED EDGE AT PERIMETER PER SOILS REPORT. REBAR REINFORCEMENT SHALL BE #4 @ 18" O.C. INSTALL A TYPE 2 LATERALLY REINFORCING GEOTEXTILE GRID OVER NATIVE SUBGRADE OVERCAVATED 12" AND COMPACTED TO A MINIMUM OF 95% RELATIVE COMPACTION PER SOILS REPORT. RIP AND COMPACT EXPOSED NATIVE SOIL SURFACE 6" PER SOILS REPORT. SEE DETAIL "B1", SHEET C800 FOR THICKENED EDGE DETAIL AND TYPICAL CROSS SECTION. SEE DETAIL "A", SHEET C800 FOR DETAIL GRADING VIEW.
- 22 CONSTRUCT 12" CLASS 2 BASE COMPACTED TO 95% OVER A TYPE 2 LATERALLY REINFORCING GEOTEXTILE GRID OVER 12" NATIVE SUBGRADE COMPACTED TO 95% RELATIVE COMPACTION PER SOILS REPORT. RIP AND COMPACT EXPOSED NATIVE SOIL SURFACE 6" PER SOILS REPORT. SEE DETAIL "B2", SHEET C800 FOR TYPICAL CROSS SECTION.
- 23 CONSTRUCT CURB PER DETAIL "C1", SHEET C800
- 24 FURNISH AND INSTALL 24" HDPE DOUBLE WALL STORM DRAIN PIPE AT 1% MIN.
- 25 FURNISH AND INSTALL 18" HDPE DOUBLE WALL STORM DRAIN PIPE AT 1% MIN.
- 26 FURNISH AND INSTALL LANDSCAPE ROCK / BOULDER TO RETAIN A MAXIMUM OF 2' OF SOIL, PER PLAN
- 27 CONSTRUCT 6" HIGH CHAIN LINK FENCE WITH 2 STRAND BARBED WIRE AT TOP AND GATES WITH GATE POSTS AS SHOWN. CONNECT TO EXISTING CHAIN LINK FENCE. CONFIRM GATE DETAILS AND LOCATION WITH CCSD STAFF PRIOR TO CONSTRUCTION.
- 28 CONSTRUCT EARTHEN SWALE 2' TOTAL WIDTH, 4" DEEP
- 29 CONSTRUCT ROAD FROM STATION 10+78.52 TO STATION 17+05.56. STRUCTURAL SECTION PER NOTE 22 ABOVE. CROSS SLOPES AND WIDTH PER TYPICAL SECTION DETAIL "D", SHEET C800. CENTERLINE ELEVATION PER PROFILE.
- 30 FURNISH AND INSTALL 4" C906-21 HDPE 11 SEWER FORCE MAIN. JOINTS SHALL BE BUTT FUSED WITH ZERO LEAK RATE. MINIMUM BENDING RADIUS = 30'. MINIMUM COVER SHALL BE 4'. CONSTRUCT THRUST BLOCKS AT ALL ANGLE BENDS IN THE PIPELINE PER COUNTY OF SAN LUIS OBISPO DEPARTMENT OF PUBLIC WORKS STANDARD DRAWINGS W-1 AND W-3a. THE CONTRACTOR SHALL COORDINATE WITH CCSD STAFF FOR THE TIMING OF THE FINAL CONNECTIONS TO BE MADE ON THE FORCE MAIN.
- 31 EXISTING UTILITY LINE IN CONFLICT WITH PROPOSED ROAD. VERIFY WITH COAST UNIFIED SCHOOL DISTRICT FIELD STAFF IF UTILITY LINE IS TO BE REPAIRED AND LOWERED OR CAPPED AT THE EDGE OF THE ROAD.

LEGEND

- (21) CONCRETE IN DRIVE AISLE
- (22) GRAVEL DRIVEWAY

THRUST BLOCK SIZING (SQ FT)					
PIPE DIAMETER AND PRESSURE RATING:	TEE	90° BEND	45° BEND	22.5° BEND	11.25° BEND
4" SDR 18	13	20	11	5	3

WATER-SEWER SEPARATION NOTE:
 THE PROPOSED 4" SEWER FORCE MAIN SHALL BE PLACED TO PROVIDE A MINIMUM OF 10' CLEARANCE TO THE EXISTING 14" WATER MAIN. THEREFORE THE MINIMUM DIMENSION SHOWN ON THESE PLANS IS 12' FROM CENTER OF PIPE TO CENTER OF PIPE.



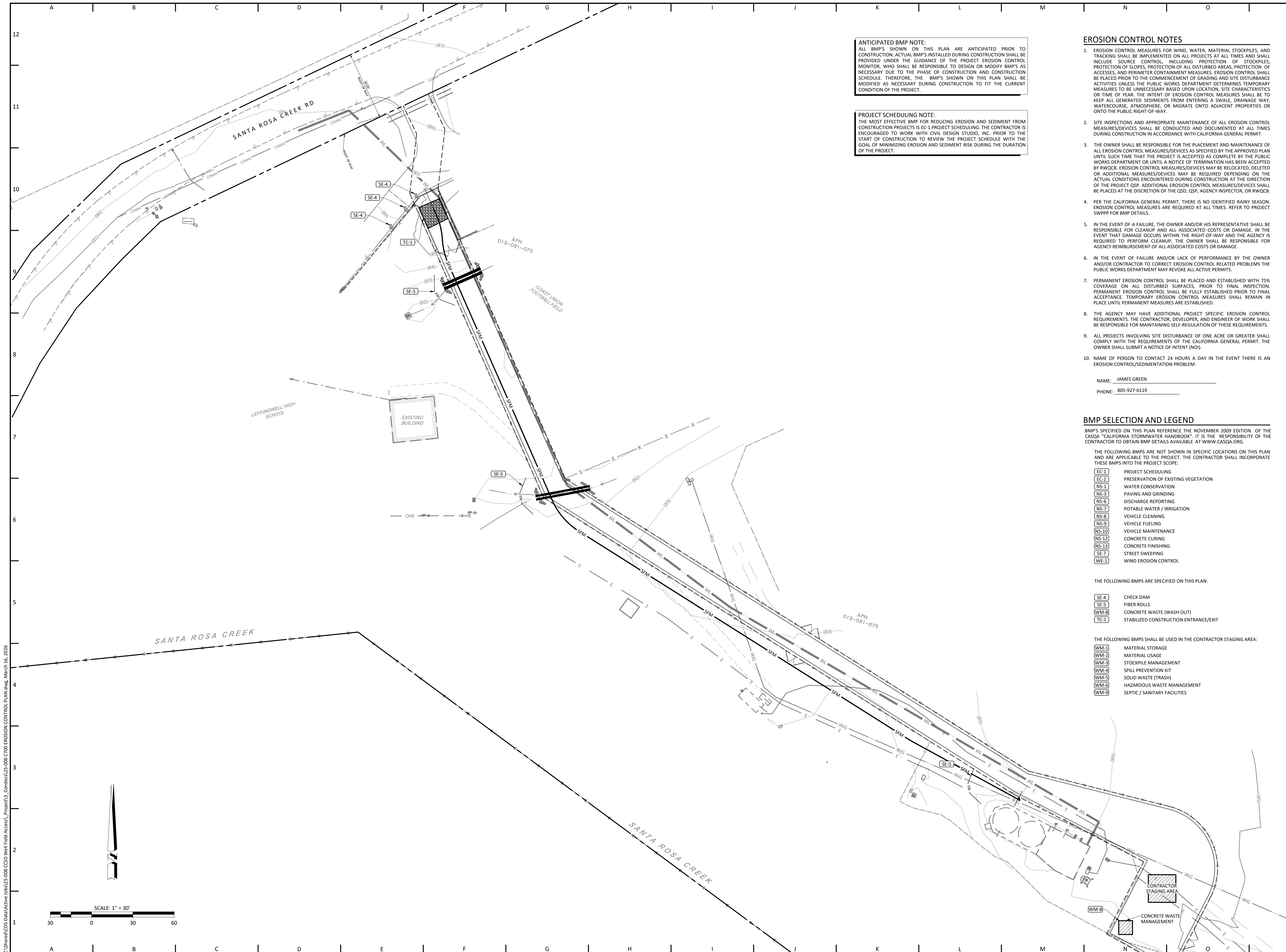
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SR4 WELL FIELD ACCESS ROAD
 PROJECT LOCATION:
 2820 SANTA ROSA CREEK RD
 CAMBRIA, CA 93428
 APN: 013-081-075
 CAMBRIA COMMUNITY SERVICES DISTRICT
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 DATE: March 16, 2026
 SCALE: AS SHOWN
 CDS JOB #: 25-008

SR4 ACCESS STA 13+04.71 TO 17+05.56
C301
 SHEET 4 OF 7 SHEETS



ANTICIPATED BMP NOTE:
 ALL BMP'S SHOWN ON THIS PLAN ARE ANTICIPATED PRIOR TO CONSTRUCTION. ACTUAL BMP'S INSTALLED DURING CONSTRUCTION SHALL BE PROVIDED UNDER THE GUIDANCE OF THE PROJECT EROSION CONTROL MONITOR, WHO SHALL BE RESPONSIBLE TO DESIGN OR MODIFY BMP'S AS NECESSARY DUE TO THE PHASE OF CONSTRUCTION AND CONSTRUCTION SCHEDULE. THEREFORE, THE BMP'S SHOWN ON THIS PLAN SHALL BE MODIFIED AS NECESSARY DURING CONSTRUCTION TO FIT THE CURRENT CONDITION OF THE PROJECT.

PROJECT SCHEDULING NOTE:
 THE MOST EFFECTIVE BMP FOR REDUCING EROSION AND SEDIMENT FROM CONSTRUCTION PROJECTS IS EC-1 PROJECT SCHEDULING. THE CONTRACTOR IS ENCOURAGED TO WORK WITH CIVIL DESIGN STUDIO, INC. PRIOR TO THE START OF CONSTRUCTION TO REVIEW THE PROJECT SCHEDULE WITH THE GOAL OF MINIMIZING EROSION AND SEDIMENT RISK DURING THE DURATION OF THE PROJECT.

EROSION CONTROL NOTES

1. EROSION CONTROL MEASURES FOR WIND, WATER, MATERIAL STOCKPILES, AND TRACKING SHALL BE IMPLEMENTED ON ALL PROJECTS AT ALL TIMES AND SHALL INCLUDE SOURCE CONTROL, INCLUDING PROTECTION OF STOCKPILES, PROTECTION OF SLOPES, PROTECTION OF ALL DISTURBED AREAS, PROTECTION OF ACCESSES, AND PERIMETER CONTAINMENT MEASURES. EROSION CONTROL SHALL BE PLACED PRIOR TO THE COMMENCEMENT OF GRADING AND SITE DISTURBANCE ACTIVITIES UNLESS THE PUBLIC WORKS DEPARTMENT DETERMINES TEMPORARY MEASURES TO BE UNNECESSARY BASED UPON LOCATION, SITE CHARACTERISTICS OR TIME OF YEAR. THE INTENT OF EROSION CONTROL MEASURES SHALL BE TO KEEP ALL GENERATED SEDIMENTS FROM ENTERING A SWALE, DRAINAGE WAY, WATERCOURSE, ATMOSPHERE, OR MIGRATE ONTO ADJACENT PROPERTIES OR ONTO THE PUBLIC RIGHT-OF-WAY.
2. SITE INSPECTIONS AND APPROPRIATE MAINTENANCE OF ALL EROSION CONTROL MEASURES/DEVICES SHALL BE CONDUCTED AND DOCUMENTED AT ALL TIMES DURING CONSTRUCTION IN ACCORDANCE WITH CALIFORNIA GENERAL PERMIT.
3. THE OWNER SHALL BE RESPONSIBLE FOR THE PLACEMENT AND MAINTENANCE OF ALL EROSION CONTROL MEASURES/DEVICES AS SPECIFIED BY THE APPROVED PLAN UNTIL SUCH TIME THAT THE PROJECT IS ACCEPTED AS COMPLETE BY THE PUBLIC WORKS DEPARTMENT OR UNTIL A NOTICE OF TERMINATION HAS BEEN ACCEPTED BY RWQCB. EROSION CONTROL MEASURES/DEVICES MAY BE RELOCATED, DELETED OR ADDITIONAL MEASURES/DEVICES MAY BE REQUIRED DEPENDING ON THE ACTUAL CONDITIONS ENCOUNTERED DURING CONSTRUCTION AT THE DIRECTION OF THE PROJECT OSP. ADDITIONAL EROSION CONTROL MEASURES/DEVICES SHALL BE PLACED AT THE DISCRETION OF THE OSD, OSP, AGENCY INSPECTOR, OR RWQCB.
4. PER THE CALIFORNIA GENERAL PERMIT, THERE IS NO IDENTIFIED RAINY SEASON. EROSION CONTROL MEASURES ARE REQUIRED AT ALL TIMES. REFER TO PROJECT SWPPP FOR BMP DETAILS.
5. IN THE EVENT OF A FAILURE, THE OWNER AND/OR HIS REPRESENTATIVE SHALL BE RESPONSIBLE FOR CLEANUP AND ALL ASSOCIATED COSTS OR DAMAGE. IN THE EVENT THAT DAMAGE OCCURS WITHIN THE RIGHT-OF-WAY AND THE AGENCY IS REQUIRED TO PERFORM CLEANUP, THE OWNER SHALL BE RESPONSIBLE FOR AGENCY REIMBURSEMENT OF ALL ASSOCIATED COSTS OR DAMAGE.
6. IN THE EVENT OF FAILURE AND/OR LACK OF PERFORMANCE BY THE OWNER AND/OR CONTRACTOR TO CORRECT EROSION CONTROL RELATED PROBLEMS THE PUBLIC WORKS DEPARTMENT MAY REVOKE ALL ACTIVE PERMITS.
7. PERMANENT EROSION CONTROL SHALL BE PLACED AND ESTABLISHED WITH 75% COVERAGE ON ALL DISTURBED SURFACES, PRIOR TO FINAL INSPECTION. PERMANENT EROSION CONTROL SHALL BE FULLY ESTABLISHED PRIOR TO FINAL ACCEPTANCE. TEMPORARY EROSION CONTROL MEASURES SHALL REMAIN IN PLACE UNTIL PERMANENT MEASURES ARE ESTABLISHED.
8. THE AGENCY MAY HAVE ADDITIONAL PROJECT SPECIFIC EROSION CONTROL REQUIREMENTS. THE CONTRACTOR, DEVELOPER, AND ENGINEER OF WORK SHALL BE RESPONSIBLE FOR MAINTAINING SELF-REGULATION OF THESE REQUIREMENTS.
9. ALL PROJECTS INVOLVING SITE DISTURBANCE OF ONE ACRE OR GREATER SHALL COMPLY WITH THE REQUIREMENTS OF THE CALIFORNIA GENERAL PERMIT. THE OWNER SHALL SUBMIT A NOTICE OF INTENT (NOI).
10. NAME OF PERSON TO CONTACT 24 HOURS A DAY IN THE EVENT THERE IS AN EROSION CONTROL/SEDIMENTATION PROBLEM:
 NAME: JAMES GREEN
 PHONE: 805-927-6119

BMP SELECTION AND LEGEND

BMP'S SPECIFIED ON THIS PLAN REFERENCE THE NOVEMBER 2009 EDITION OF THE CASQA "CALIFORNIA STORMWATER HANDBOOK". IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN BMP DETAILS AVAILABLE AT WWW.CASQA.ORG.

THE FOLLOWING BMP'S ARE NOT SHOWN IN SPECIFIC LOCATIONS ON THIS PLAN AND ARE APPLICABLE TO THE PROJECT. THE CONTRACTOR SHALL INCORPORATE THESE BMP'S INTO THE PROJECT SCOPE:

- EC-1 PROJECT SCHEDULING
- EC-2 PRESERVATION OF EXISTING VEGETATION
- NS-1 WATER CONSERVATION
- NS-3 PAVING AND GRINDING
- NS-6 DISCHARGE REPORTING
- NS-7 POTABLE WATER / IRRIGATION
- NS-8 VEHICLE CLEANING
- NS-9 VEHICLE FUELING
- NS-10 VEHICLE MAINTENANCE
- NS-12 CONCRETE CURING
- NS-13 CONCRETE FINISHING
- SE-7 STREET SWEEPING
- WE-1 WIND EROSION CONTROL

THE FOLLOWING BMP'S ARE SPECIFIED ON THIS PLAN:

- SE-4 CHECK DAM
- SE-5 FIBER ROLLS
- WM-8 CONCRETE WASTE (WASH OUT)
- TC-1 STABILIZED CONSTRUCTION ENTRANCE/EXIT

THE FOLLOWING BMP'S SHALL BE USED IN THE CONTRACTOR STAGING AREA:

- WM-1 MATERIAL STORAGE
- WM-2 MATERIAL USAGE
- WM-3 STOCKPILE MANAGEMENT
- WM-4 SPILL PREVENTION KIT
- WM-5 SOLID WASTE (TRASH)
- WM-6 HAZARDOUS WASTE MANAGEMENT
- WM-9 SEPTIC / SANITARY FACILITIES

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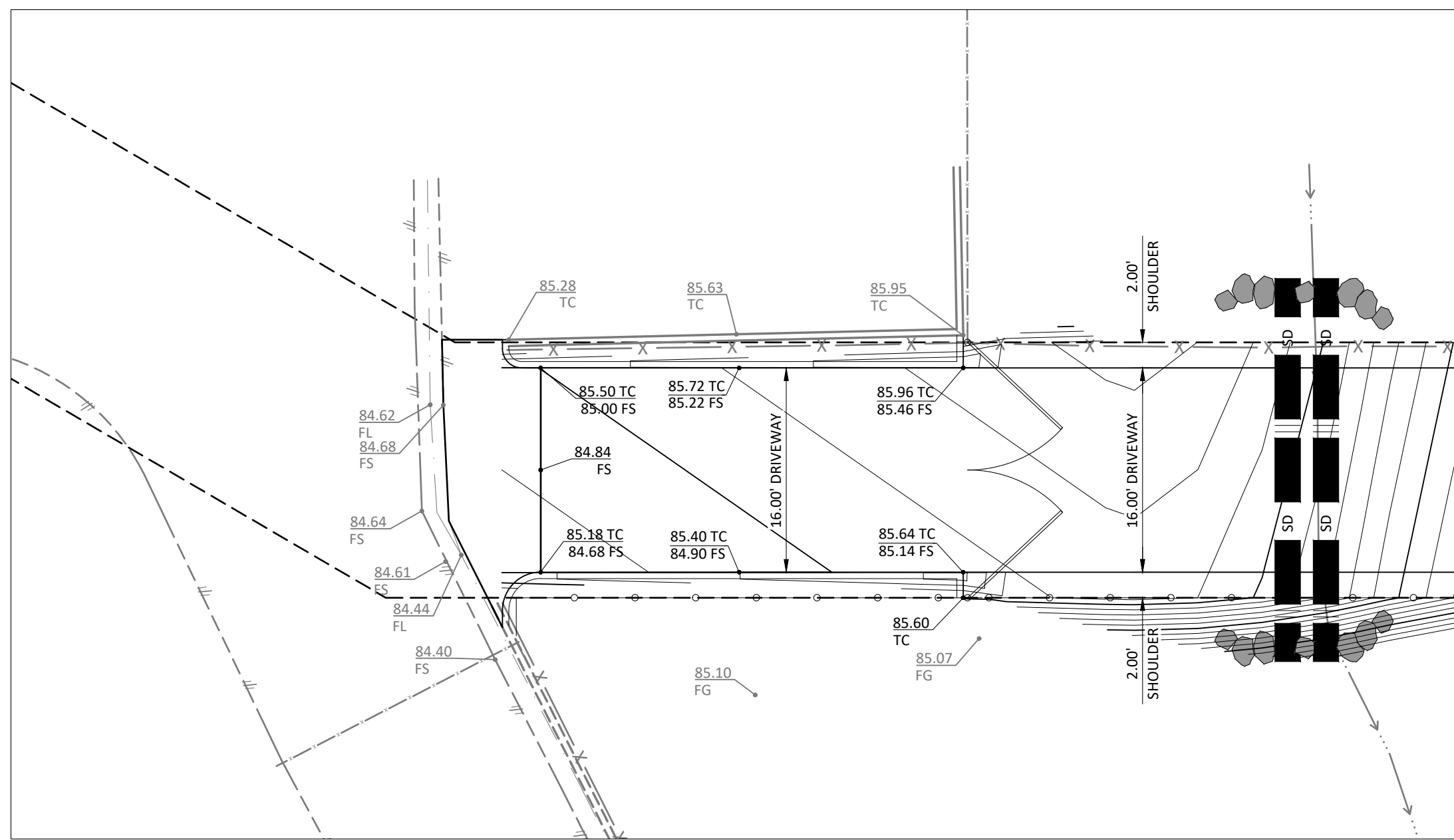
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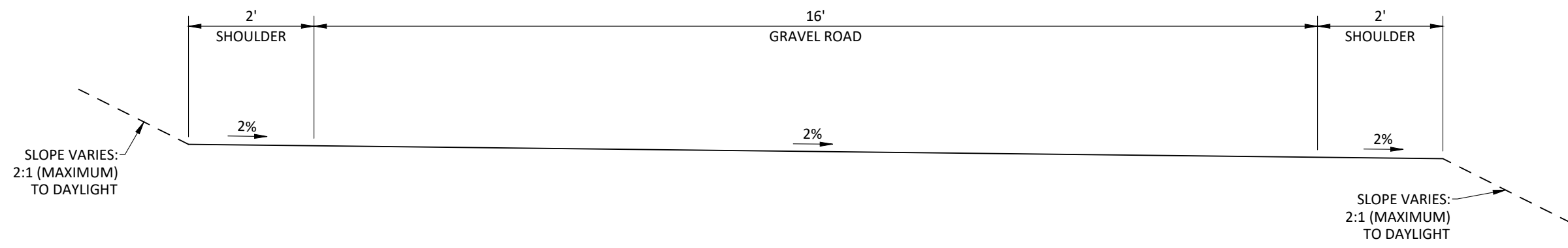
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EROSION CONTROL PLAN
C700
 SHEET 5 OF 7 SHEETS



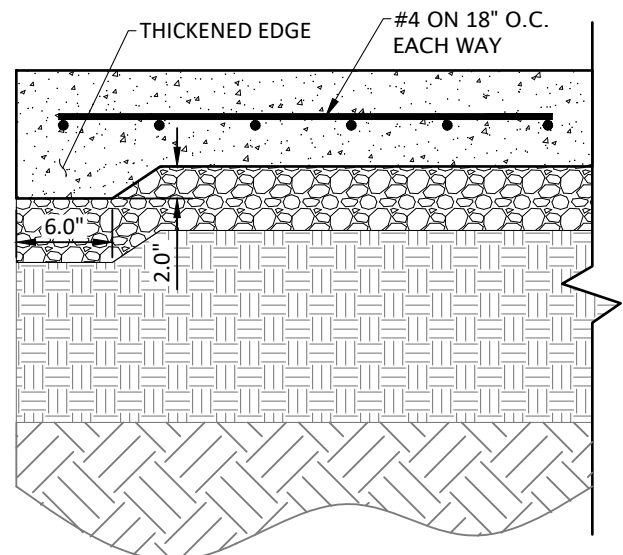
21 DETAIL "A": DETAILED GRADING VIEW

SCALE: 1" = 1'



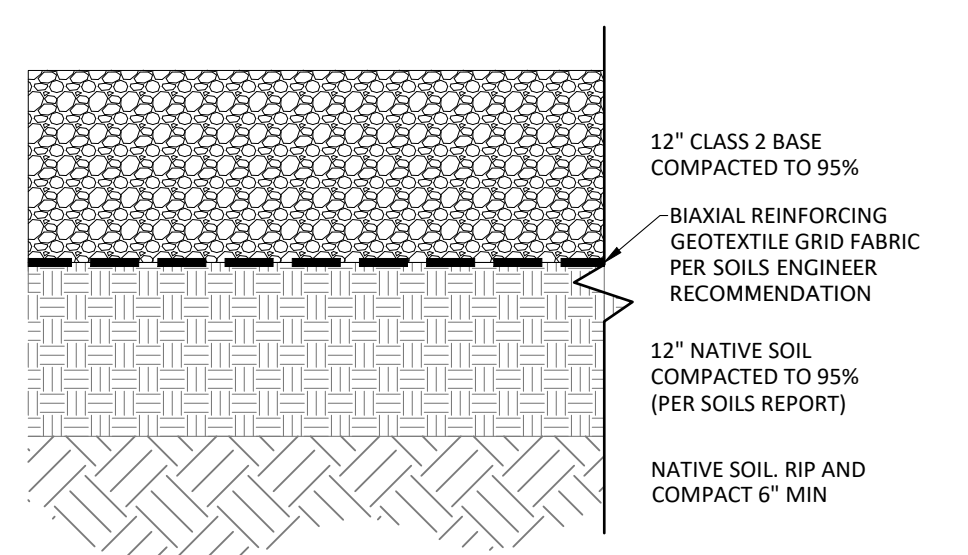
22 DETAIL "D": TYPICAL DRIVEWAY CROSS SECTION: STA 10+78.52 TO 17+05.56

SCALE: NTS



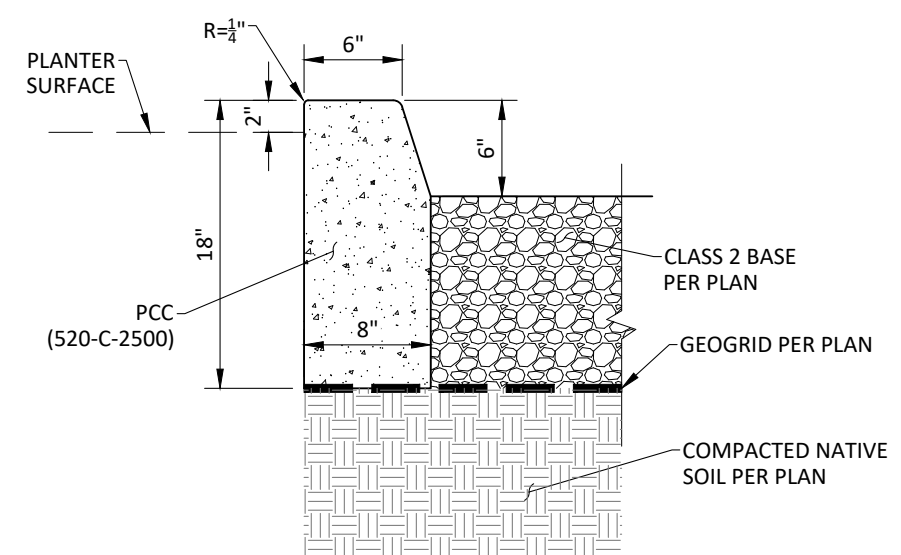
23 DETAIL "B1": CONCRETE IN DRIVE AISLES

SCALE: 1" = 1'



24 DETAIL "B2": CLASS 2 BASE ROAD

SCALE: 1" = 1'



25 DETAIL "C1": 6" CURB

SCALE: 1" = 1'

TABLE 1

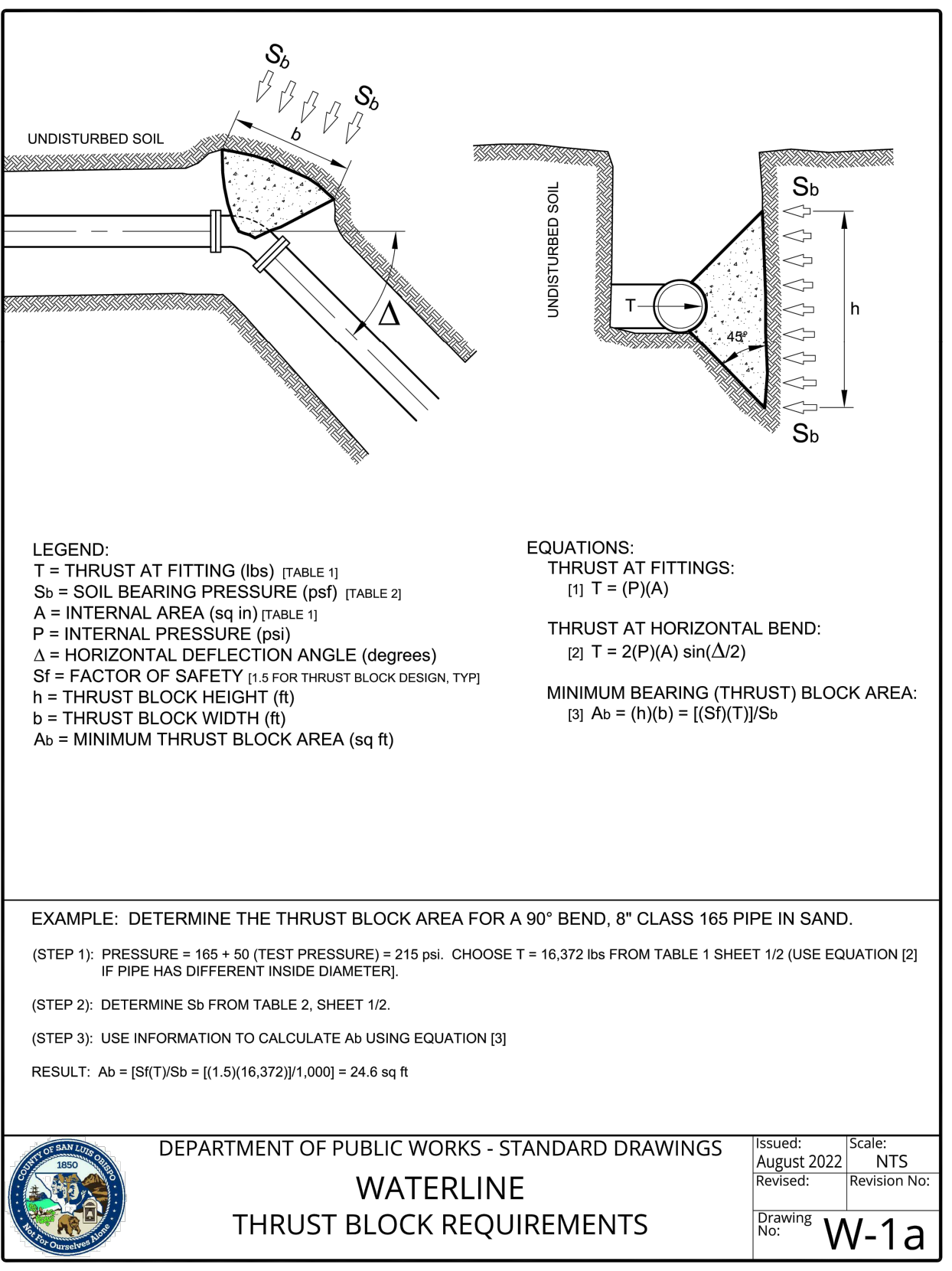
Pipe Dia (in)	Pipe Class	Nom. I.D. (in)	Area (sq in)	THRUST (T) AT FITTING, lbs			
				90° BEND	45° BEND	22.5° BEND	11.25° BEND
4"	PVC Class 165 (DR 25)	4.39	15	3,254	4,602	2,491	1,270
4"	PVC Class 235 (DR 18)	4.23	14	4,005	5,664	3,065	1,563
4"	PVC Class 305 (DR 14)	4.07	13	4,619	6,532	3,535	1,802
6"	PVC Class 165 (DR 25)	6.31	31	6,723	9,508	5,146	2,623
6"	PVC Class 235 (DR 18)	6.09	29	8,302	11,740	6,354	3,239
6"	PVC Class 305 (DR 14)	5.86	27	9,574	13,540	7,328	3,736
8"	PVC Class 165 (DR 25)	8.28	54	11,577	16,372	8,861	4,517
8"	PVC Class 235 (DR 18)	7.98	50	14,254	20,158	10,910	5,562
8"	PVC Class 305 (DR 14)	7.68	46	16,445	23,257	12,587	6,417
10"	PVC Class 165 (DR 25)	10.16	81	17,431	24,651	13,341	6,801
10"	PVC Class 235 (DR 18)	9.79	75	21,454	30,340	16,420	8,371
10"	PVC Class 305 (DR 14)	9.42	70	24,741	34,989	18,936	9,654
12"	PVC Class 165 (DR 25)	12.08	115	24,641	34,848	18,860	9,615
12"	PVC Class 235 (DR 18)	11.65	107	30,380	42,984	23,252	11,854
12"	PVC Class 305 (DR 14)	11.2	99	34,975	49,462	26,768	13,646

AWWA PVC C-900 PIPE
BASED ON P = 165 + 50 = 215 psi
BASED ON P = 235 + 50 = 285 psi
BASED ON P = 305 + 50 = 355 psi

TABLE 2

SOIL TYPE	HORIZONTAL BEARING STRENGTH (Sb), lbs/sf
MUCK	0
SOFT CLAY	500
SAND	1,000
SAND & GRAVEL	1,500
SAND & GRAVEL CEMENTED WITH CLAY	2,000

DEPARTMENT OF PUBLIC WORKS - STANDARD DRAWINGS
WATERLINE THRUST BLOCK REQUIREMENTS
Issued: August 2022
Scale: NTS
Revised: Revision No:
Drawing No: W-1



Check Dams SE-4

Categories

- EC Erosion Control
- SE Sediment Control
- TC Tracking Control
- WE Wind Erosion Control
- NS Non-Stormwater Management Control
- WM Waste Management and Materials Pollution Control

Legend:

- Primary Category
- Secondary Category

Targeted Constituents

- Sediment
- Nutrients
- Trash
- Metals
- Bacteria
- Oil and Grease
- Organics

Potential Alternatives

- SE-5 Fiber Rolls
- SE-6 Gravel Bag Berm
- SE-8 Sandbag Barrier
- SE-12 Manufactured Linear Sediment Controls
- SE-14 Baffle Bags

Description and Purpose

A check dam is a small barrier constructed of rock, gravel bags, sandbags, fiber rolls, or other proprietary products, placed across a constructed swale or drainage ditch. Check dams reduce the effective slope of the channel, thereby reducing scour and channel erosion by reducing flow velocity and increasing residence time within the channel, allowing sediment to settle.

Suitable Applications

Check dams may be appropriate in the following situations:

- To promote sedimentation behind the dam.
- To prevent erosion by reducing the velocity of channel flow in small intermittent channels and temporary swales.
- In small open channels that drain 10 acres or less.
- In steep channels where stormwater runoff velocities exceed 5 ft/s.
- During the establishment of grass linings in drainage ditches or channels.
- In temporary ditches where the short length of service does not warrant establishment of erosion-resistant linings.
- To act as a grade control structure.

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Fiber Rolls SE-5

Categories

- EC Erosion Control
- SE Sediment Control
- TC Tracking Control
- WE Wind Erosion Control
- NS Non-Stormwater Management Control
- WM Waste Management and Materials Pollution Control

Legend:

- Primary Category
- Secondary Category

Targeted Constituents

- Sediment
- Nutrients
- Trash
- Metals
- Bacteria
- Oil and Grease
- Organics

Potential Alternatives

- SE-1 Silt Fence
- SE-6 Gravel Bag Berm
- SE-8 Sandbag Barrier
- SE-12 Manufactured Linear Sediment Controls
- SE-14 Baffle Bags

Description and Purpose

A fiber roll (also known as wattles or logs) consists of straw, coir, curled wood fiber, or other biodegradable materials bound into a tight tubular roll wrapped by plastic netting, which can be photodegradable, or natural fiber, such as jute, cotton, or sisal. Additionally, gravel core fiber rolls are available, which contain an imbedded ballast material such as gravel or sand for additional weight when staking the rolls are not feasible (such as use as inlet protection). When fiber rolls are placed at the toe and on the face of slopes along the contours, they intercept runoff, reduce its flow velocity, release the runoff as sheet flow, and provide removal of sediment from the runoff (through sedimentation). By interrupting the length of a slope, fiber rolls can also reduce sheet and rill erosion until vegetation is established.

Suitable Applications

Fiber rolls may be suitable:

- Along the toe, top, face, and at grade breaks of exposed and erodible slopes to shorten slope length and spread runoff as sheet flow.
- At the end of a downward slope where it transitions to a steeper slope.
- Along the perimeter of a project.
- As check dams in undrained ditches with minimal grade.
- Down-slope of exposed soil areas.

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Stabilized Construction Entrance/Exit TC-1

Categories

- EC Erosion Control
- SE Sediment Control
- TC Tracking Control
- WE Wind Erosion Control
- NS Non-Stormwater Management Control
- WM Waste Management and Materials Pollution Control

Legend:

- Primary Objective
- Secondary Objective

Targeted Constituents

- Sediment
- Nutrients
- Trash
- Metals
- Bacteria
- Oil and Grease
- Organics

Potential Alternatives

None

Description and Purpose

A stabilized construction access is defined by a point of entrance/exit to a construction site that is stabilized to reduce the tracking of mud and dirt onto public roads by construction vehicles.

Suitable Applications

Use at construction sites:

- Where dirt or mud can be tracked onto public roads.
- Adjacent to water bodies.
- Where poor soils are encountered.
- Where dust is a problem during dry weather conditions.

Limitations

- This BMP should be used in conjunction with street sweeping on adjacent public right of way.
- Entrances and exits should be constructed on level ground only.
- Stabilized construction entrances are rather expensive to construct and when a wash rack is included, a sediment trap of some kind must also be provided to collect wash water runoff.

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Concrete Waste Management WM-8

Categories

- EC Erosion Control
- SE Sediment Control
- TC Tracking Control
- WE Wind Erosion Control
- NS Non-Stormwater Management Control
- WM Waste Management and Materials Pollution Control

Legend:

- Primary Category
- Secondary Category

Targeted Constituents

- Sediment
- Nutrients
- Trash
- Metals
- Bacteria
- Oil and Grease
- Organics

Potential Alternatives

None

Description and Purpose

Prevent the discharge of pollutants to stormwater from concrete waste by conducting washout onsite or offsite in a designated area, and by employee and subcontractor training.

The General Permit incorporates Numeric Action Levels (NAL) for pH (see Section 2 of this handbook to determine your project's risk level and if you are subject to these requirements).

Many types of construction materials, including mortar, concrete, stucco, cement and block and their associated wastes have basic chemical properties that can raise pH levels outside of the permitted range. Additional care should be taken when managing these materials to prevent them from coming into contact with stormwater flows and raising pH to levels outside the accepted range.

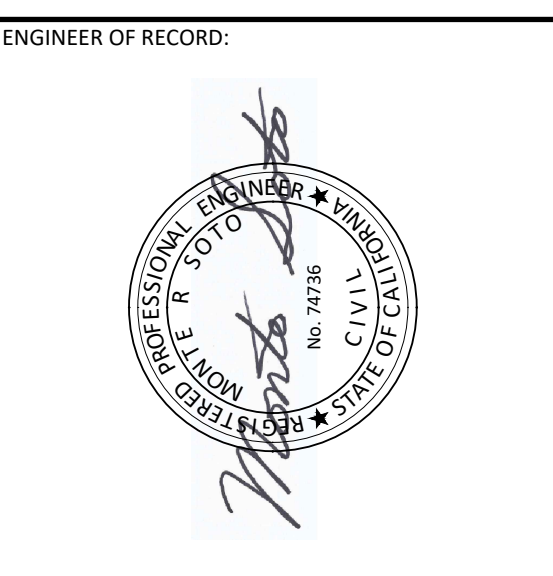
Suitable Applications

Concrete waste management procedures and practices are implemented on construction projects where:

- Concrete is used as a construction material or where concrete dust and debris result from demolition activities.
- Slurries containing Portland cement concrete (PCC) are generated, such as from saw cutting, coring, grinding, grooving, and hydro-concrete demolition.
- Concrete trucks and other concrete-coated equipment are washed onsite.

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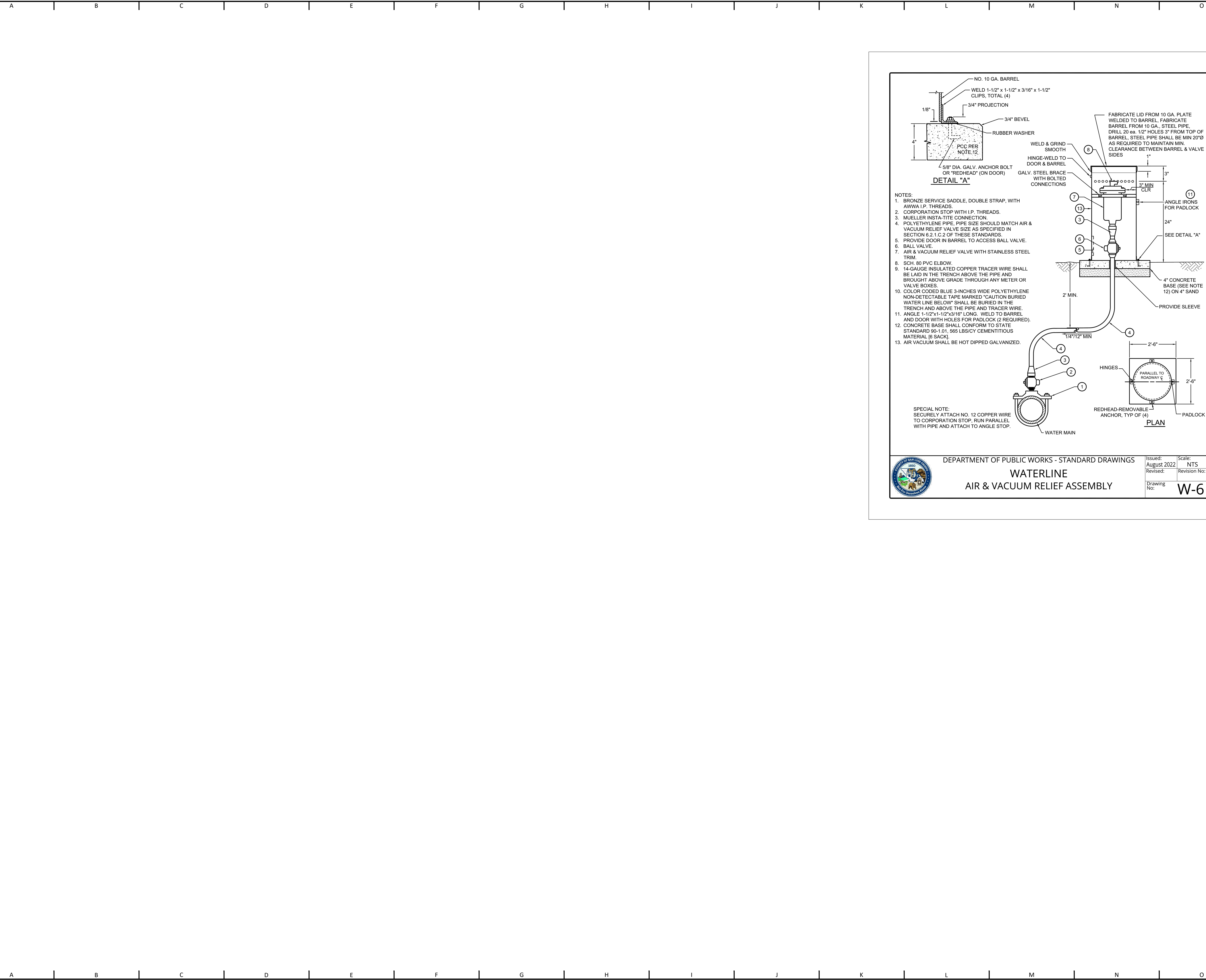
ENGINEER OF RECORD:
2820 SANTA ROSA CREEK RD
CAMBRIA, CA 93428
APN: 013-081-075

PROJECT LOCATION:
SR4 WELL FIELD ACCESS ROAD
CAMBRIA COMMUNITY SERVICES DISTRICT
2150 MAIN ST
CAMBRIA, CA 93428

REVIEWED BY: MRS
PREPARED BY: MRS
DATE: March 16, 2026
SCALE: AS SHOWN
CDS JOB #: 25-008

DETAIL SHEET
C800
SHEET 6 OF 7 SHEETS

Z:\Shared\CDS Data\Active jobs\25-008 CSD Well Field Access\Project13_Condocs\25-008 CSD DETAIL SHEET.dwg, March 16, 2026



DEPARTMENT OF PUBLIC WORKS - STANDARD DRAWINGS

WATERLINE
AIR & VACUUM RELIEF ASSEMBLY

Issued:	August 2022	Scale:	NTS
Revised:		Revision No.:	
Drawing No.:	W-6		

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PLANS PREPARED FOR:
CAMBRIA COMMUNITY SERVICES DISTRICT
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CAMBRIA, CA 93428

REVISIONS:

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DETAIL SHEET

C801

SHEET 7 OF 7 SHEETS