

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE	PAGE 1	OF PAGES 12
2. AMENDMENT/MODIFICATION NO. A001	3. EFFECTIVE DATE 6-22-12	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable) CA PFH 112-1(2)		
6. ISSUED BY FEDERAL HIGHWAY ADMINISTRATION CENTRAL FEDERAL LANDS HIGHWAY DIVISION 12300 WEST DAKOTA AVENU, SUITE 360 LAKEWOOD, COLORADO 80228 ATTENTION: AARON SANFORD	CODE	7. ADMINISTERED BY (If other than Item 6)		CODE	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)			(✓)	9A. AMENDMENT OF SOLICITATION NO. DTFH68-12-B-00007	
				9B. DATED (SEE ITEM 11) 6-18-12	
				10A. MODIFICATION OF CONTRACT/ORDER NO.	
				10B. DATED (SEE ITEM 13)	
CODE	FACILITY CODE				

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended, is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning _____ 0* copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(✓)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor is not, is required to sign this document and return _____ * See Below _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

Insert the attached Section E Plan Sheets, marked with A001 and dated June 22, 2012, in the plan set for CA PFH 112-1(2). Section E was mistakenly left out of the plan set as it was originally posted.

NOTE: When printing revised sheets, turn on 'Document and Markups' in the Print Properties menu to illustrate changes on hard copy print.

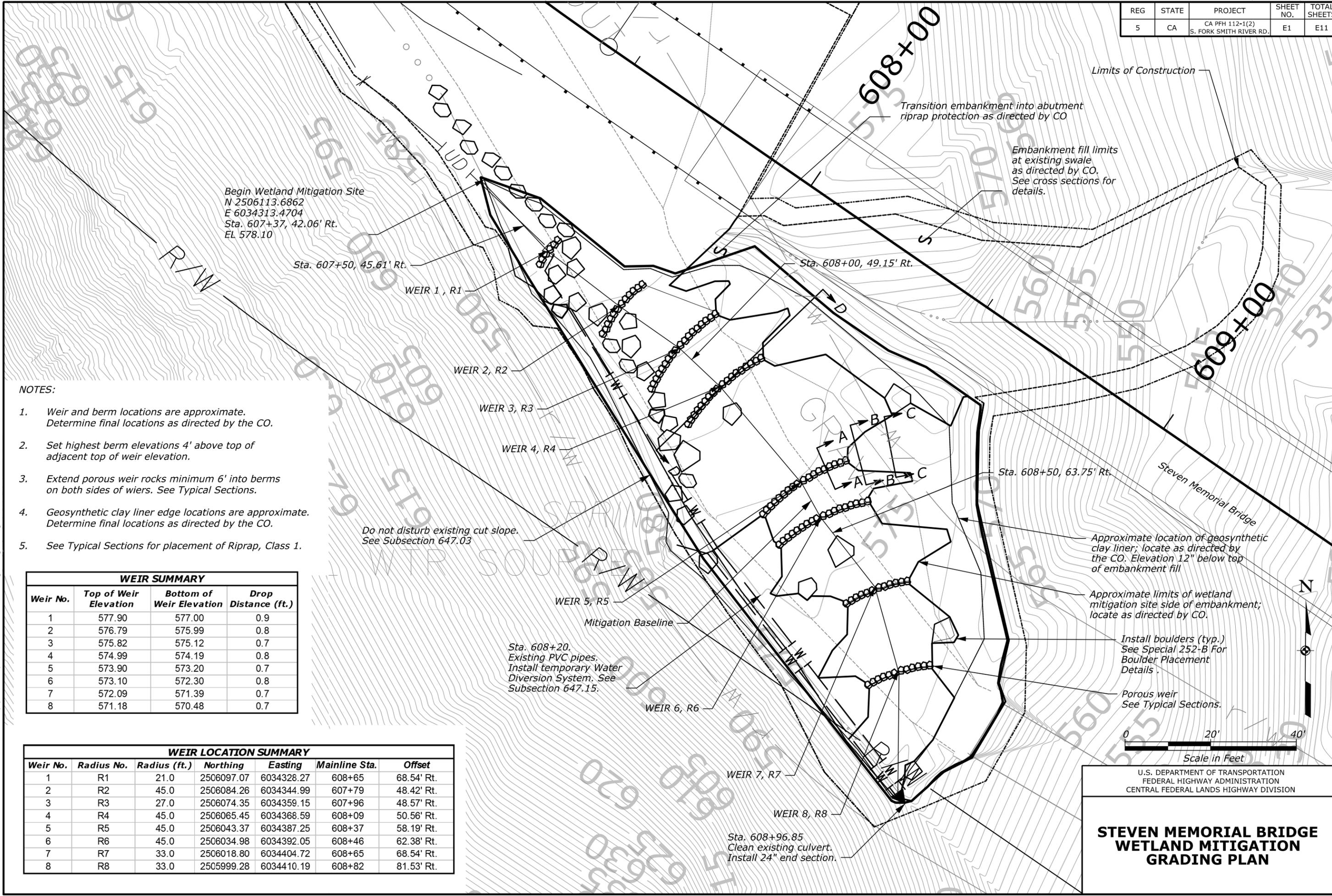
Refer to the Q&A section of CFLHD's website (<http://www.cflhd.gov/contracting/construction/advertisedprojects.cfm>) under the project name for further information.

*FAILURE TO ACKNOWLEDGE THIS AMENDMENT IN BLOCK 19 OF THE SF 1442 BY THE DESIGNATED DATE AND HOUR SPECIFIED IN THE SOLICITATION MAY RESULT IN REJECTION OF YOUR BID (REFER TO SF-1442, PAGE A-2, OF THE SOLICITATION)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		BY (Signature of Contracting Officer)	

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
5	CA	CA PFH 112-1(2) S. FORK SMITH RIVER RD.	E1	E11



- NOTES:**
- Weir and berm locations are approximate. Determine final locations as directed by the CO.
 - Set highest berm elevations 4' above top of adjacent top of weir elevation.
 - Extend porous weir rocks minimum 6' into berms on both sides of weirs. See Typical Sections.
 - Geosynthetic clay liner edge locations are approximate. Determine final locations as directed by the CO.
 - See Typical Sections for placement of Riprap, Class 1.

Weir No.	Top of Weir Elevation	Bottom of Weir Elevation	Drop Distance (ft.)
1	577.90	577.00	0.9
2	576.79	575.99	0.8
3	575.82	575.12	0.7
4	574.99	574.19	0.8
5	573.90	573.20	0.7
6	573.10	572.30	0.8
7	572.09	571.39	0.7
8	571.18	570.48	0.7

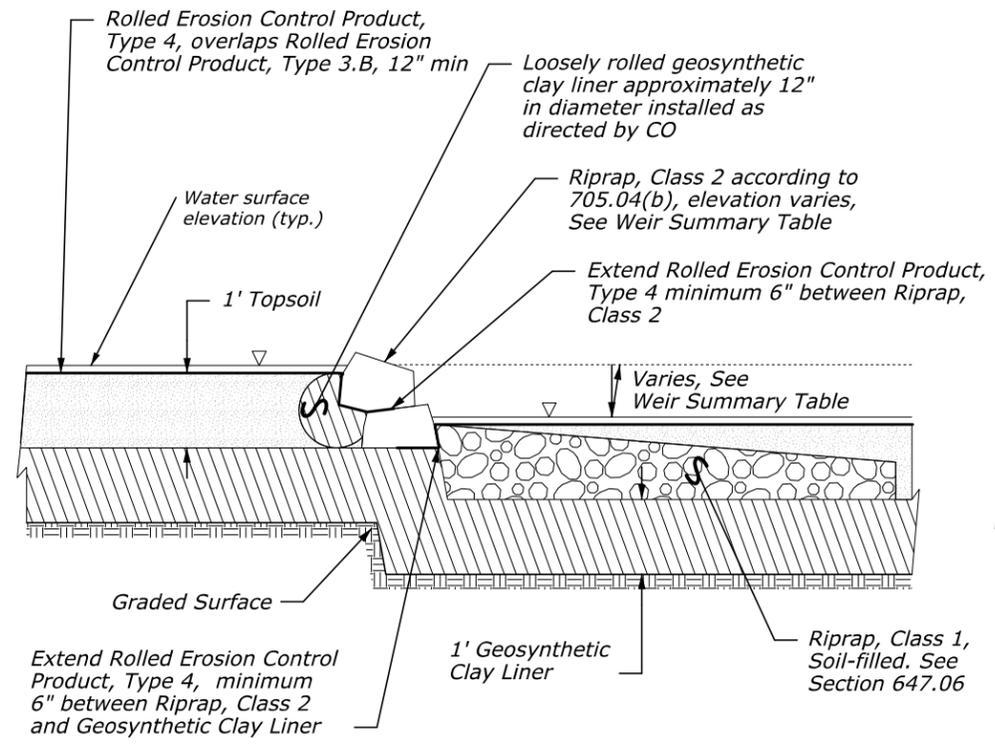
Weir No.	Radius No.	Radius (ft.)	Northing	Easting	Mainline Sta.	Offset
1	R1	21.0	2506097.07	6034328.27	608+65	68.54' Rt.
2	R2	45.0	2506084.26	6034344.99	607+79	48.42' Rt.
3	R3	27.0	2506074.35	6034359.15	607+96	48.57' Rt.
4	R4	45.0	2506065.45	6034368.59	608+09	50.56' Rt.
5	R5	45.0	2506043.37	6034387.25	608+37	58.19' Rt.
6	R6	45.0	2506034.98	6034392.05	608+46	62.38' Rt.
7	R7	33.0	2506018.80	6034404.72	608+65	68.54' Rt.
8	R8	33.0	2505999.28	6034410.19	608+82	81.53' Rt.

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FEDERAL HIGHWAY ADMINISTRATION
CENTRAL FEDERAL LANDS HIGHWAY DIVISION

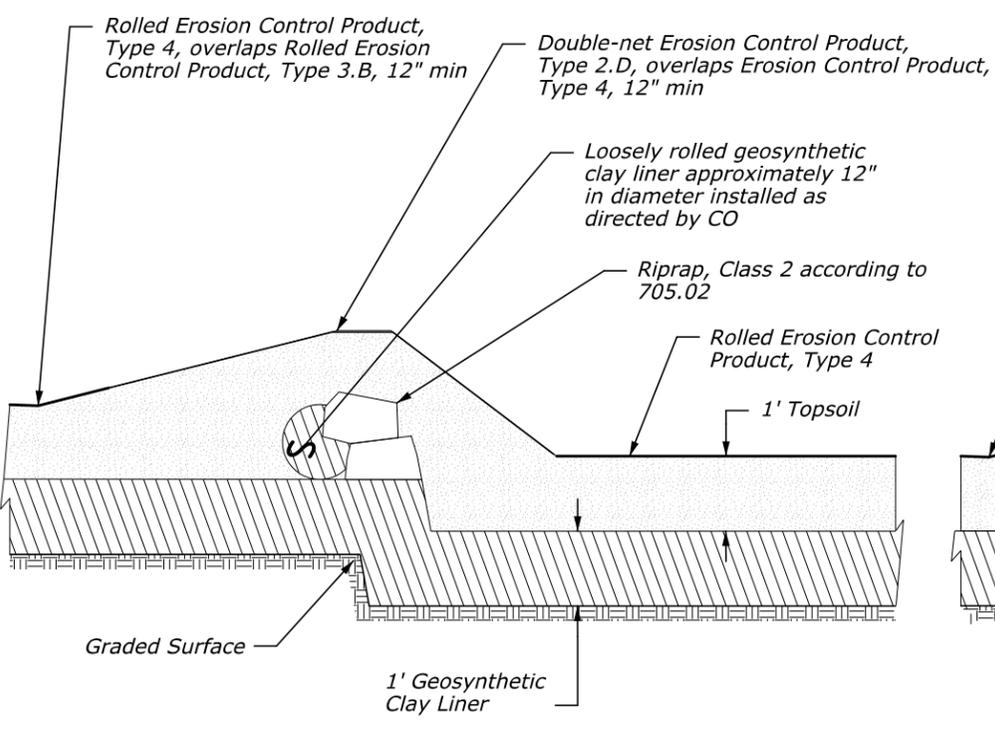
**STEVEN MEMORIAL BRIDGE
WETLAND MITIGATION
GRADING PLAN**

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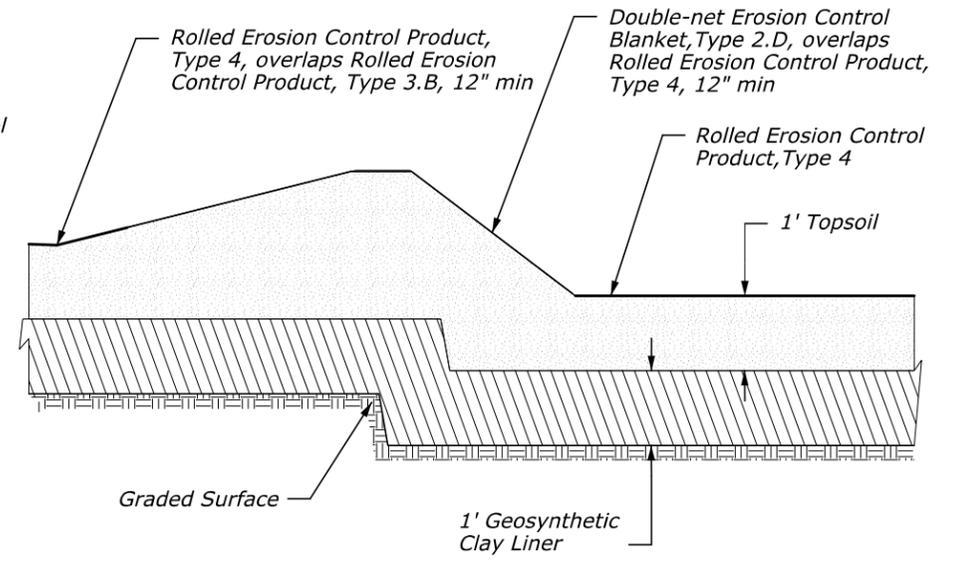
REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
5	CA	CA PFH 112-1(2) S. FORK SMITH RIVER RD.	E2	E11



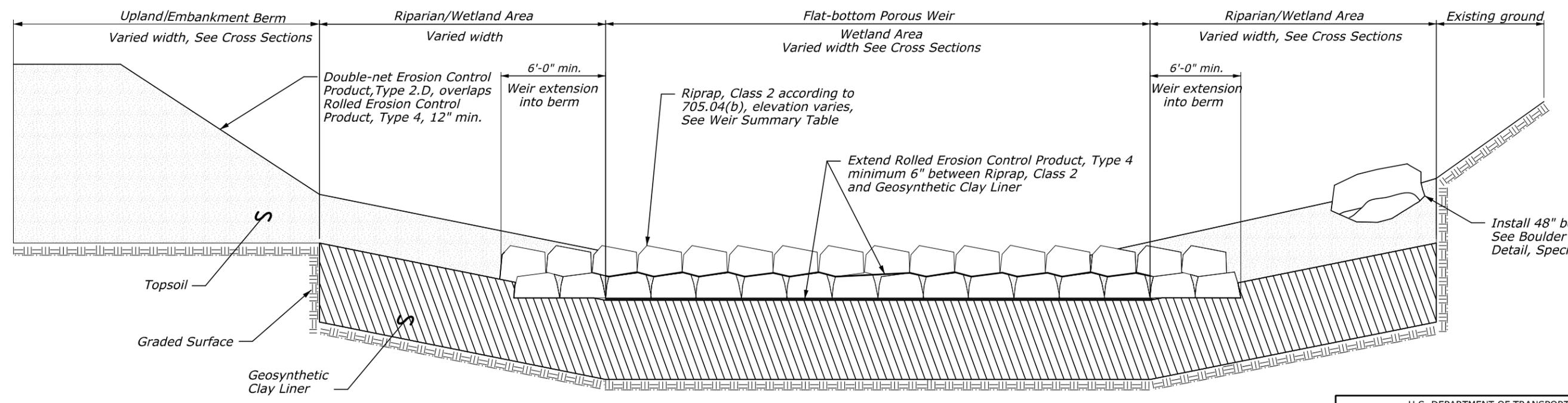
**SECTION A-A
POROUS WEIR**



**SECTION B-B
BERM WITH WEIR EXTENSION**



**SECTION C-C
BERM WITHOUT WEIR EXTENSION**



**SECTION D-D
TYPICAL WETLAND MITIGATION CROSS SECTION**

NOTE:
1. See Grading Plan for section locations.

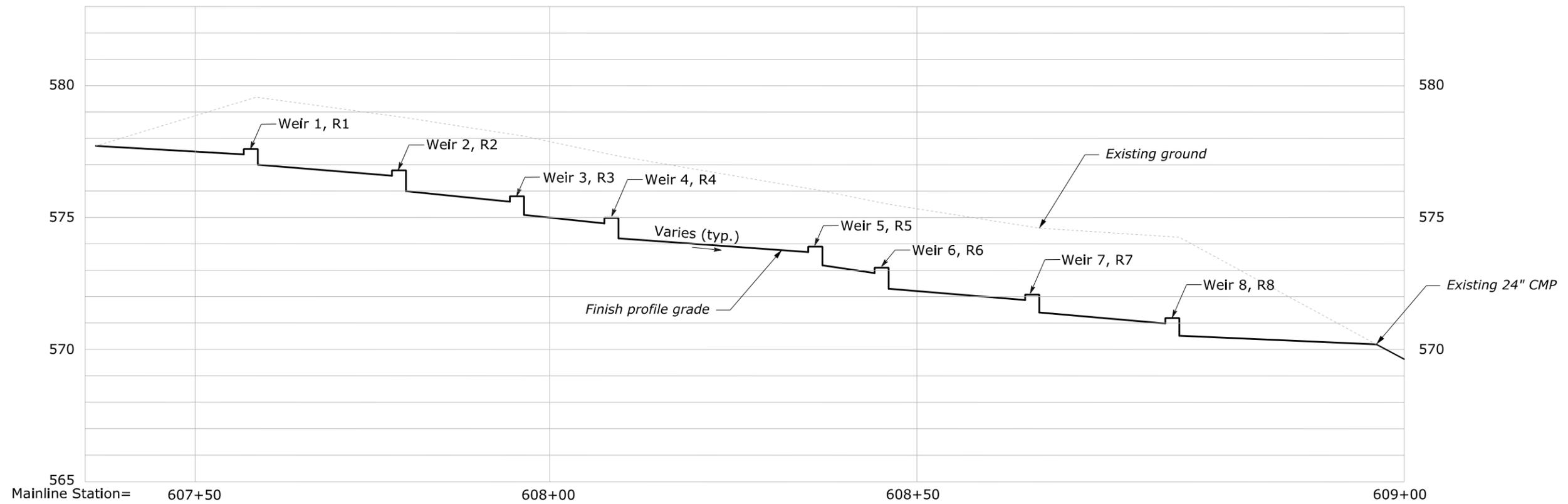
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CENTRAL FEDERAL LANDS HIGHWAY DIVISION

**STEVEN MEMORIAL BRIDGE
WETLAND MITIGATION
TYPICAL SECTIONS**

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REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
5	CA	CA PFH 112-1(2) S. FORK SMITH RIVER RD.	E3	E11



WETLAND MITIGATION SITE PROFILE
ALONG MITIGATION BASELINE

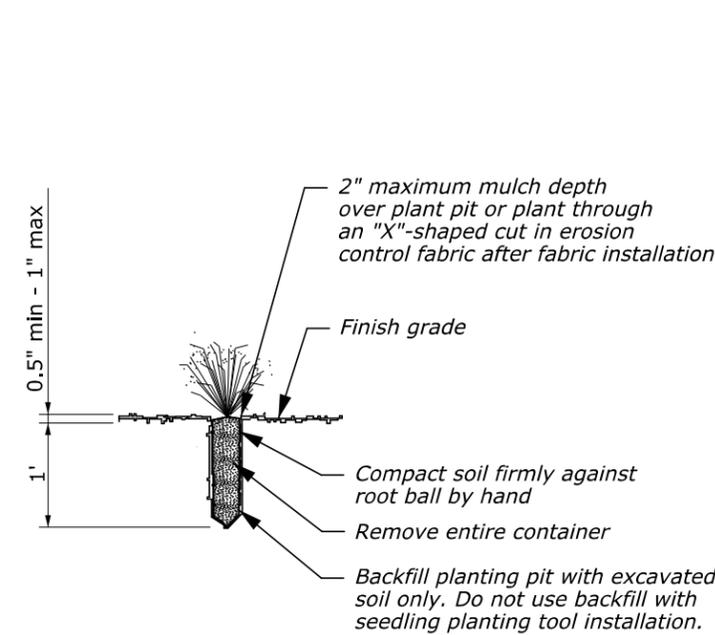
NOTES:

1. Profile is measured along mitigation baseline.
2. See Grading Plan for locations of mainline stations along mitigation baseline.

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FEDERAL HIGHWAY ADMINISTRATION
CENTRAL FEDERAL LANDS HIGHWAY DIVISION

**STEVEN MEMORIAL BRIDGE
WETLAND MITIGATION
SITE PROFILE**

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
5	CA	CA PFH 112-1(2) S. FORK SMITH RIVER RD.	E4	E11



HERBACEOUS PLANT PLANTING

NOTES:

1. Plant all plants following seeding, topsoil and rolled erosion control product installations, and saturation of entire wetland mitigation site with water as per Subsection 647.14. See above Herbaceous Plant Planting Detail.
2. Seed all areas prior to installation of rolled erosion control products and planting operations.
3. Seed all disturbed areas outside of the wetland planting area and wetland/riparian planting area with the upland seed mix.
4. Spacing of tree and shrub species varies. Locate trees and shrubs to match vegetation patterns of undisturbed forest adjacent to wetland mitigation site.
5. Evenly mix herbaceous plant species throughout the wetland planting area to avoid area concentrations of one species.
6. See Section 647 for Plant Schedule.

LEGEND

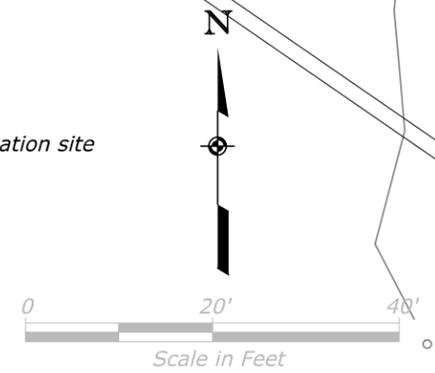
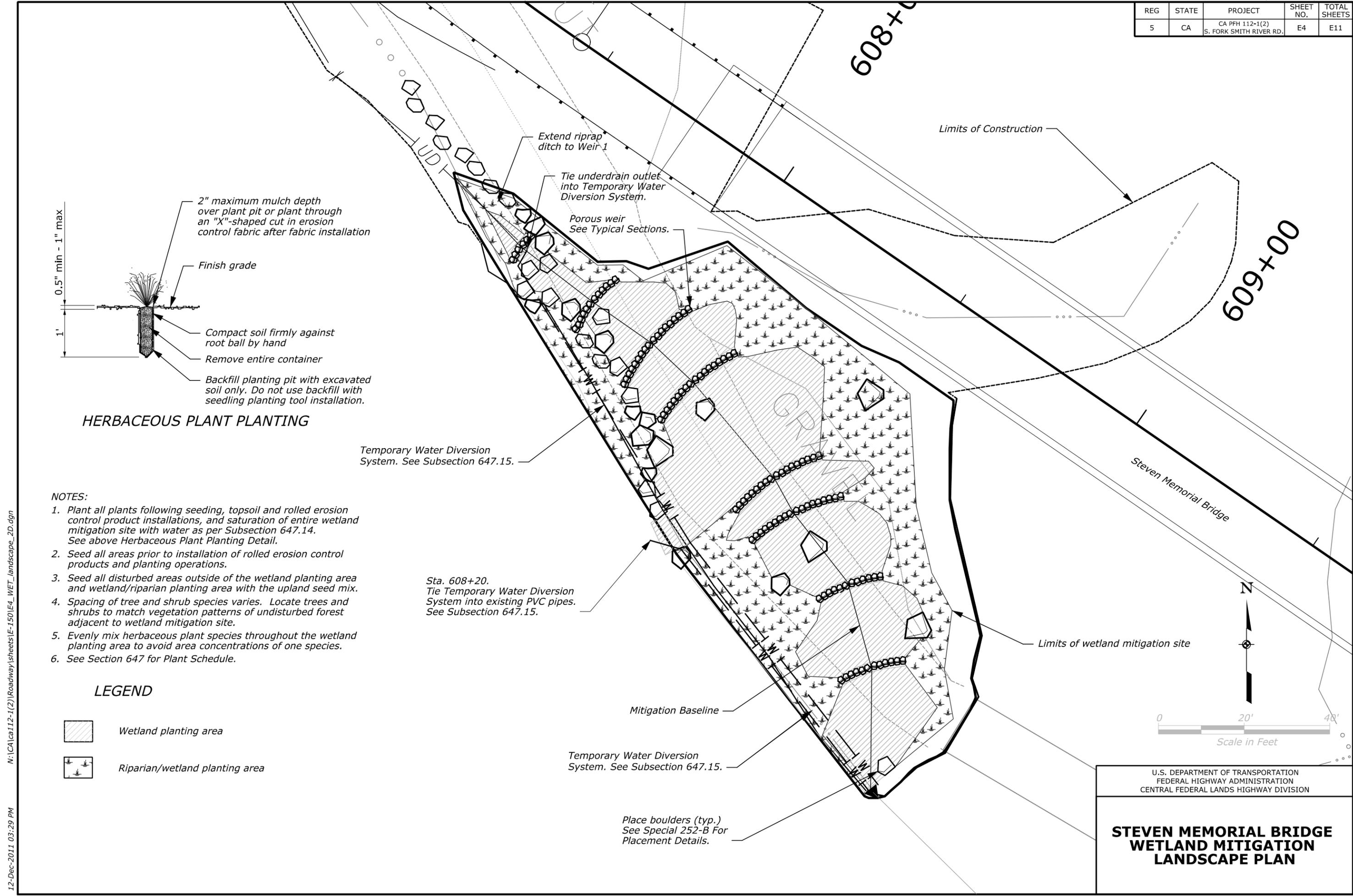
-  Wetland planting area
-  Riparian/wetland planting area

Temporary Water Diversion System. See Subsection 647.15.

Sta. 608+20.
Tie Temporary Water Diversion System into existing PVC pipes. See Subsection 647.15.

Temporary Water Diversion System. See Subsection 647.15.

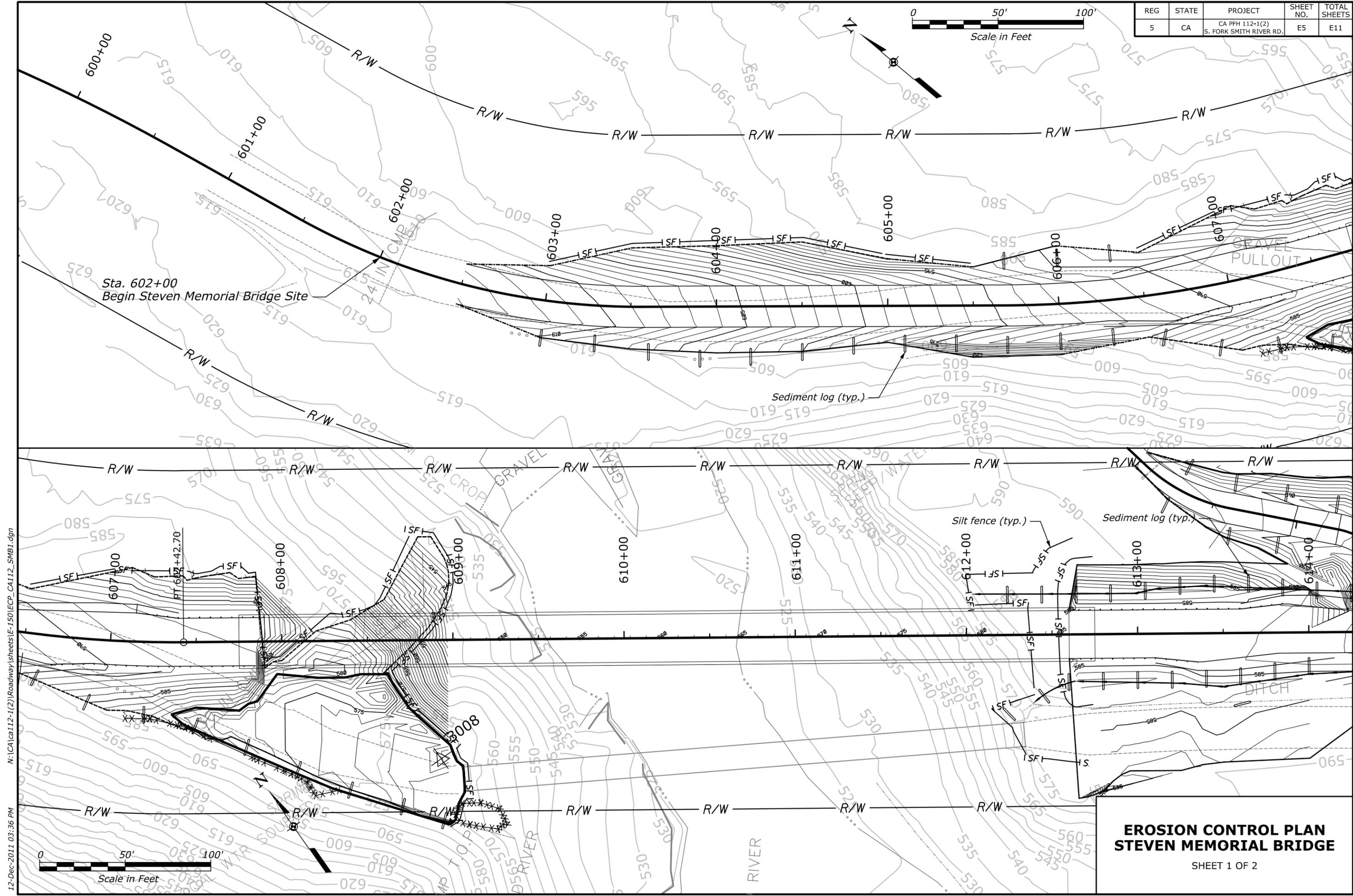
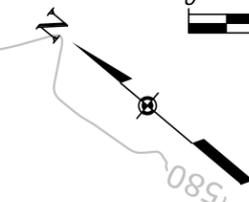
Place boulders (typ.) See Special 252-B For Placement Details.



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CENTRAL FEDERAL LANDS HIGHWAY DIVISION

**STEVEN MEMORIAL BRIDGE
WETLAND MITIGATION
LANDSCAPE PLAN**

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
5	CA	CA PFH 112-1(2) S. FORK SMITH RIVER RD.	E5	E11



Sta. 602+00
Begin Steven Memorial Bridge Site

Sediment log (typ.)

Silt fence (typ.)

Sediment log (typ.)

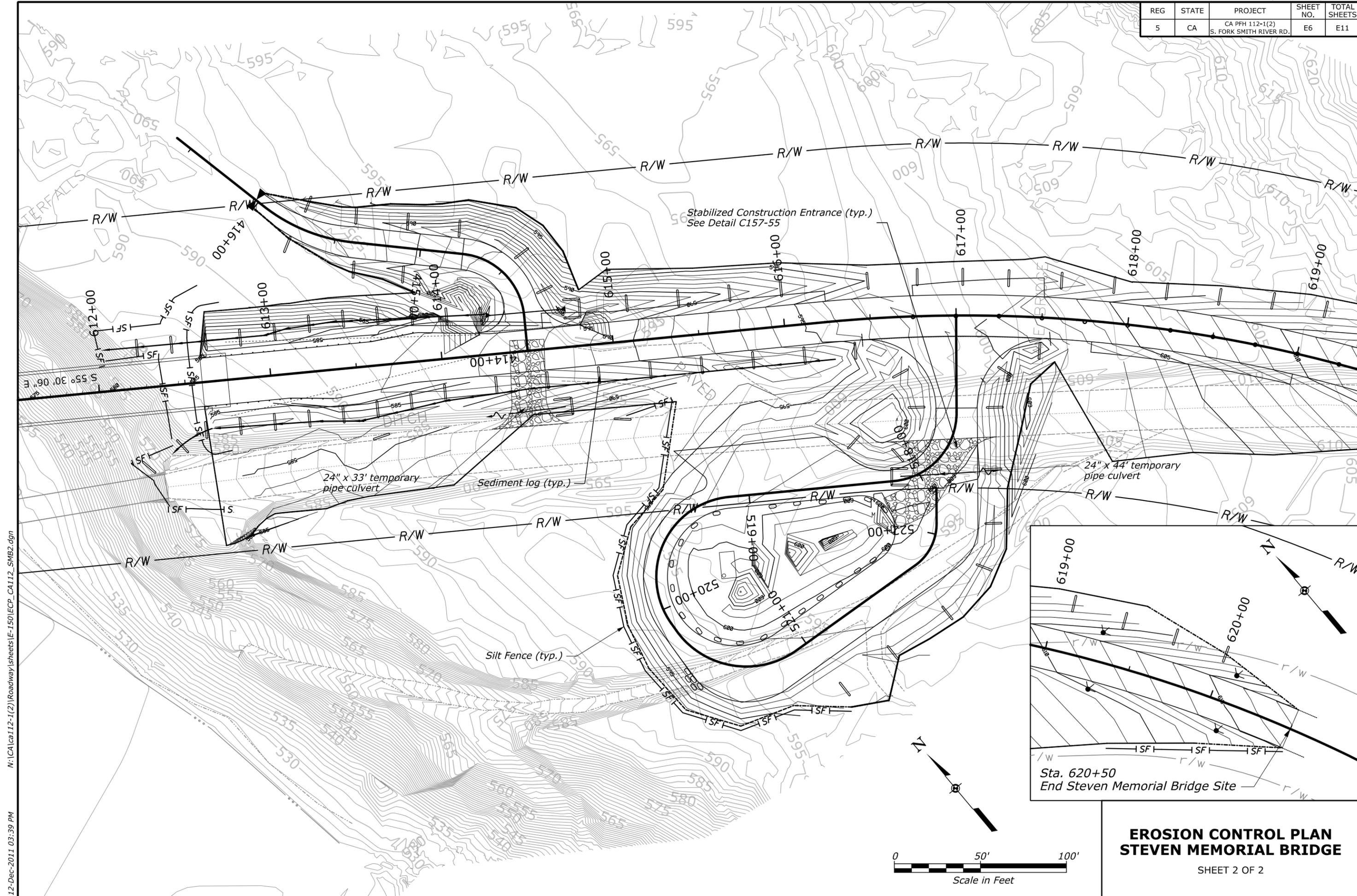
**EROSION CONTROL PLAN
STEVEN MEMORIAL BRIDGE**

SHEET 1 OF 2



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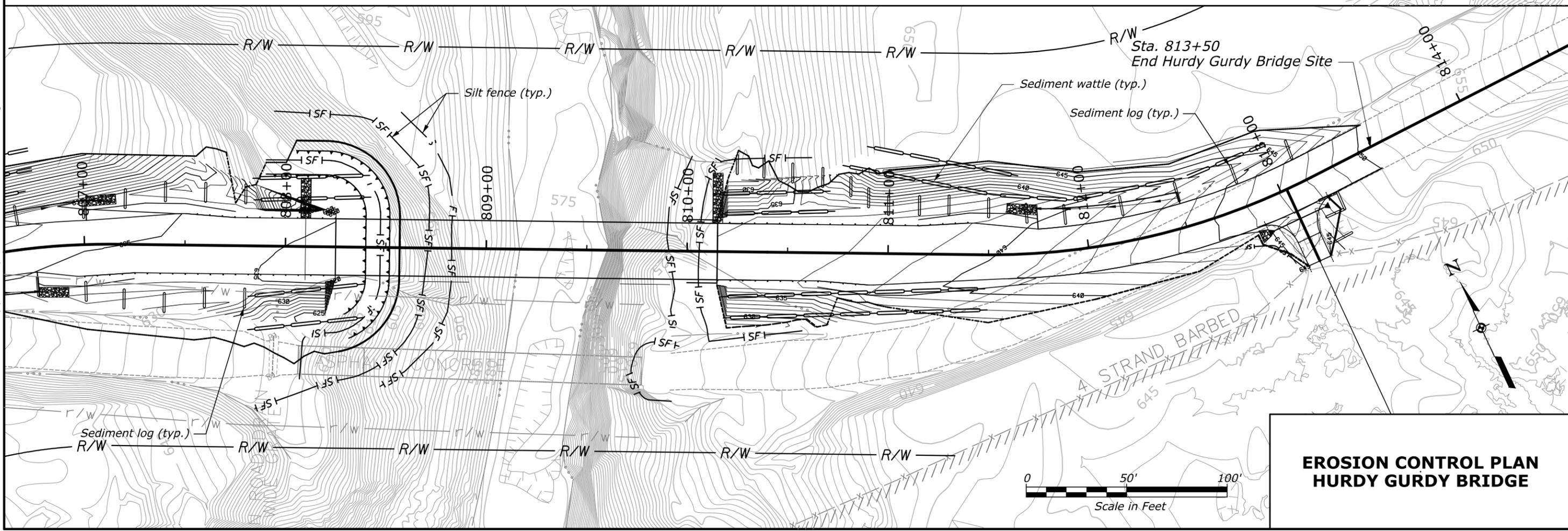
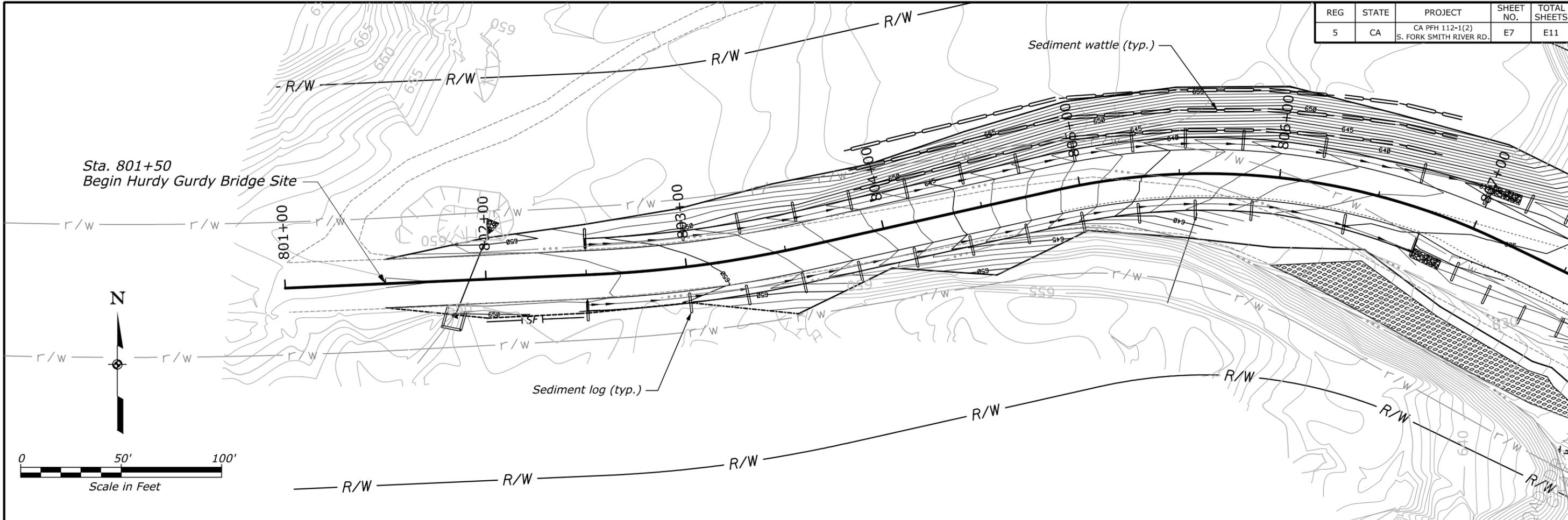
REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
5	CA	CA PFH 112-1(2) S. FORK SMITH RIVER RD.	E6	E11



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**EROSION CONTROL PLAN
STEVEN MEMORIAL BRIDGE**
SHEET 2 OF 2

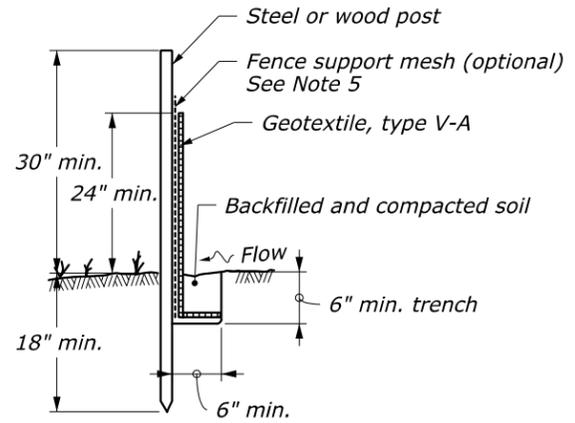
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5	CA	CA PFH 112-1(2) S. FORK SMITH RIVER RD.	E7	E11



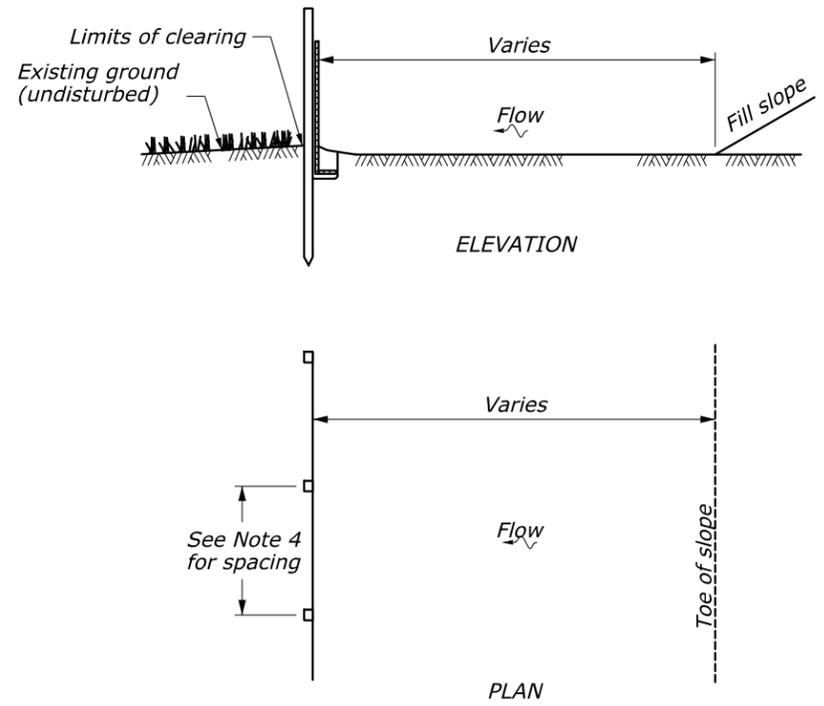
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**EROSION CONTROL PLAN
HURDY GURDY BRIDGE**

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
5	CA	CA PFH 112-1(2) S. FORK SMITH RIVER RD.	E8	E11

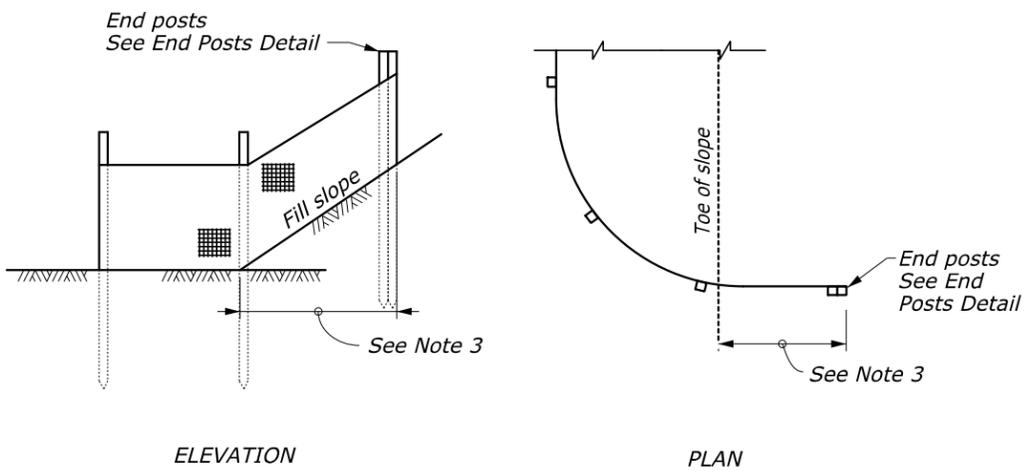


POST AND GEOTEXTILE INSTALLATION DETAIL

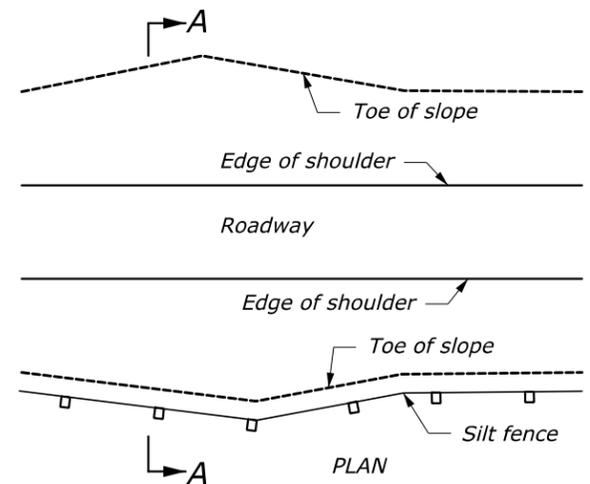


SILT FENCE INSTALLATION AT TOE OF FILL

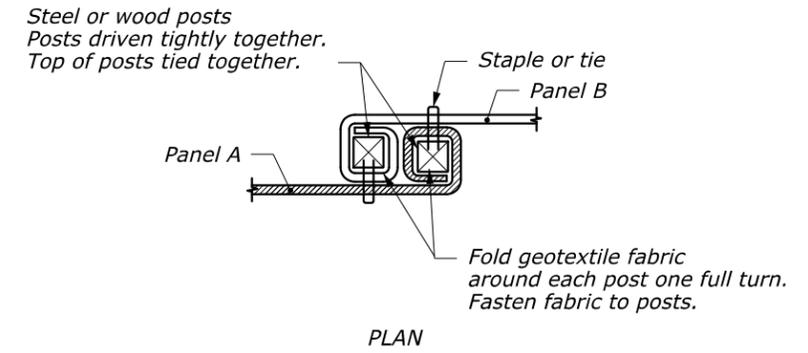
- NOTE:**
- Silt fence may be installed using machine slicing as approved by the CO. Install machine-sliced silt fence according to the manufacturer's recommendations.
 - Install silt fence to follow the ground contours as closely as possible.
 - Curve the silt fence up the slope to prevent water from running around the ends.
 - Post spacing with fence support mesh = 10 ft. (max.)
Post spacing without fence support mesh = 6 ft. (max.)
 - Silt fence support mesh consists of 14-gauge steel wire with a mesh spacing of 6 in. x 6 in. or prefabricated polymeric mesh of equivalent strength.



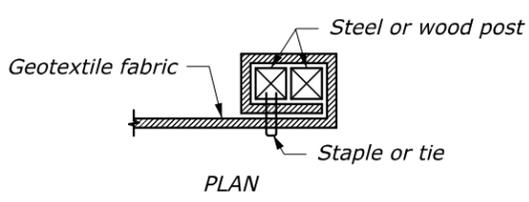
END DETAIL



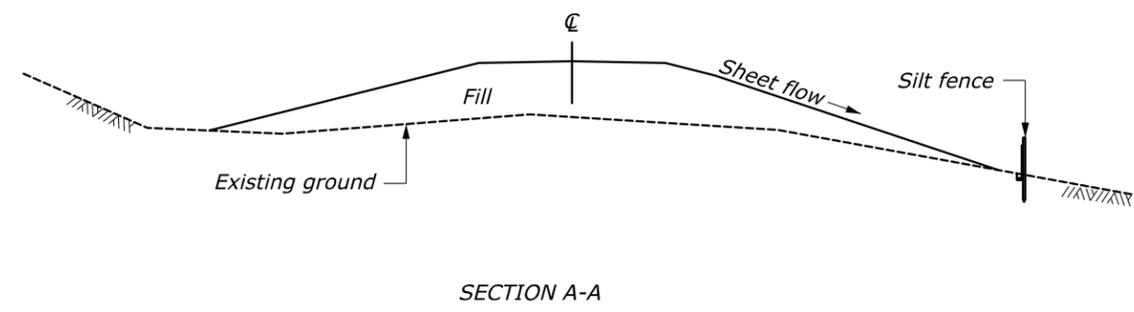
SILT FENCE AS PERIMETER CONTROL



POSTS AT JOINTS



END POSTS DETAIL



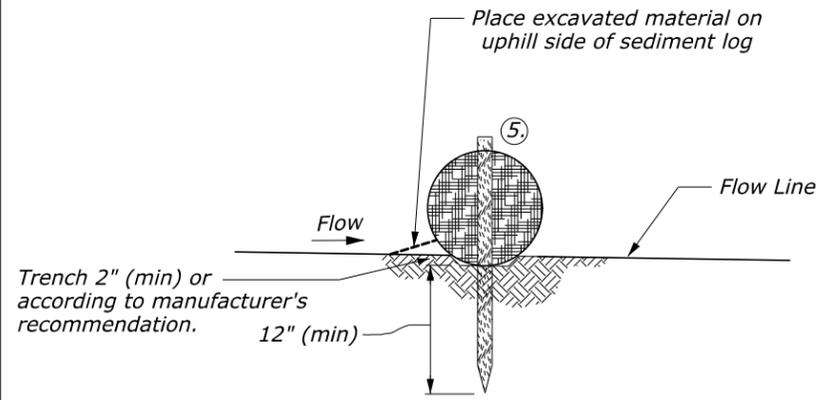
SECTION A-A

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION CENTRAL FEDERAL LANDS HIGHWAY DIVISION	
U.S. CUSTOMARY DETAIL	
SILT FENCE	
DETAIL APPROVED FOR USE 01/2011	DETAIL 157-1
REVISED:	

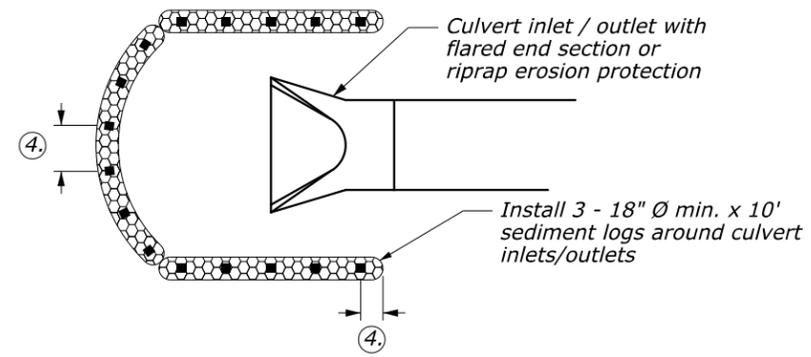
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REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
5	CA	CA PFH 112-1(2) S. FORK SMITH RIVER RD.	E9	E11

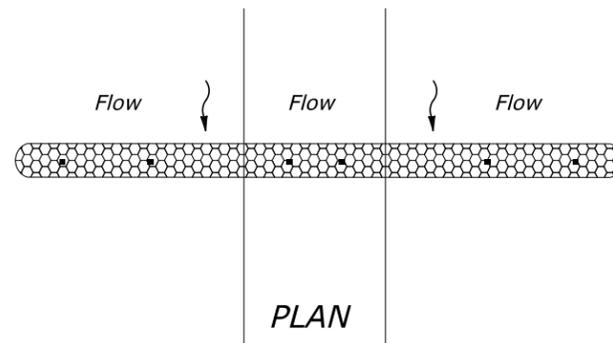


**SECTION B-B
STAKE DETAIL**



**SEDIMENT LOG AT
CULVERT INLET**

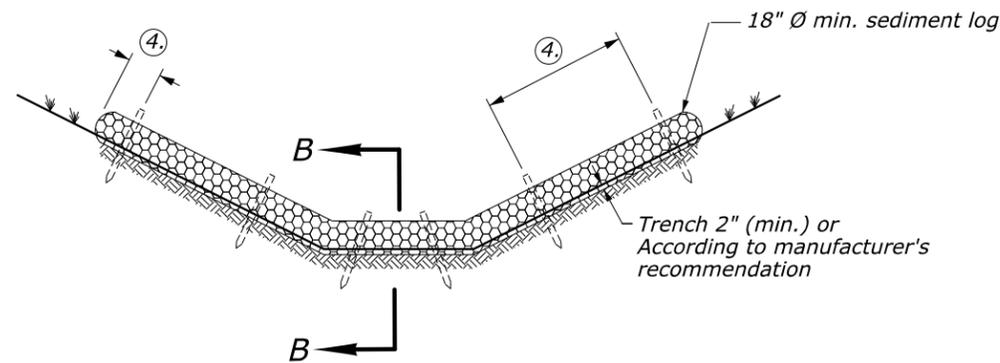
- NOTES:**
1. Install and maintain sediment logs according to the manufacturer's recommendations.
 2. Repair any rills or gullies prior to installation.
 3. Alternate stakes may be used with the approval of the CO.
 4. Stake sediment logs in place with 1" x 1" or 1" Ø wood stakes spaced no more than 24" apart, and no more than 6" from log ends, or according to manufacturer's recommendations.
 5. Drive stakes into undisturbed soil of trench bottom 12" minimum. Expose stakes 2" minimum above top of log.
 6. For culvert and drop inlet sediment barrier: Install sediment logs directly on the ground. Ensure the bottom of the log is in full contact with the ground. Do not trench below the elevation of the inlet.
 7. For sediment logs in ditch: Construct trenches parallel to the contour. Place sediment logs in continuous contact with trench bottom and sides. Tamp soil backfill against upstream side of log to ensure storm water is forced flow through log rather than under it.



PLAN

**SEDIMENT LOG
SPACING IN DITCHES**

Ditch grade	Spacing
0 - 5%	50'
> 5%	30'



ELEVATION

SEDIMENT LOG IN DITCH

NO SCALE

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
CENTRAL FEDERAL LANDS HIGHWAY DIVISION

U.S. CUSTOMARY SPECIAL

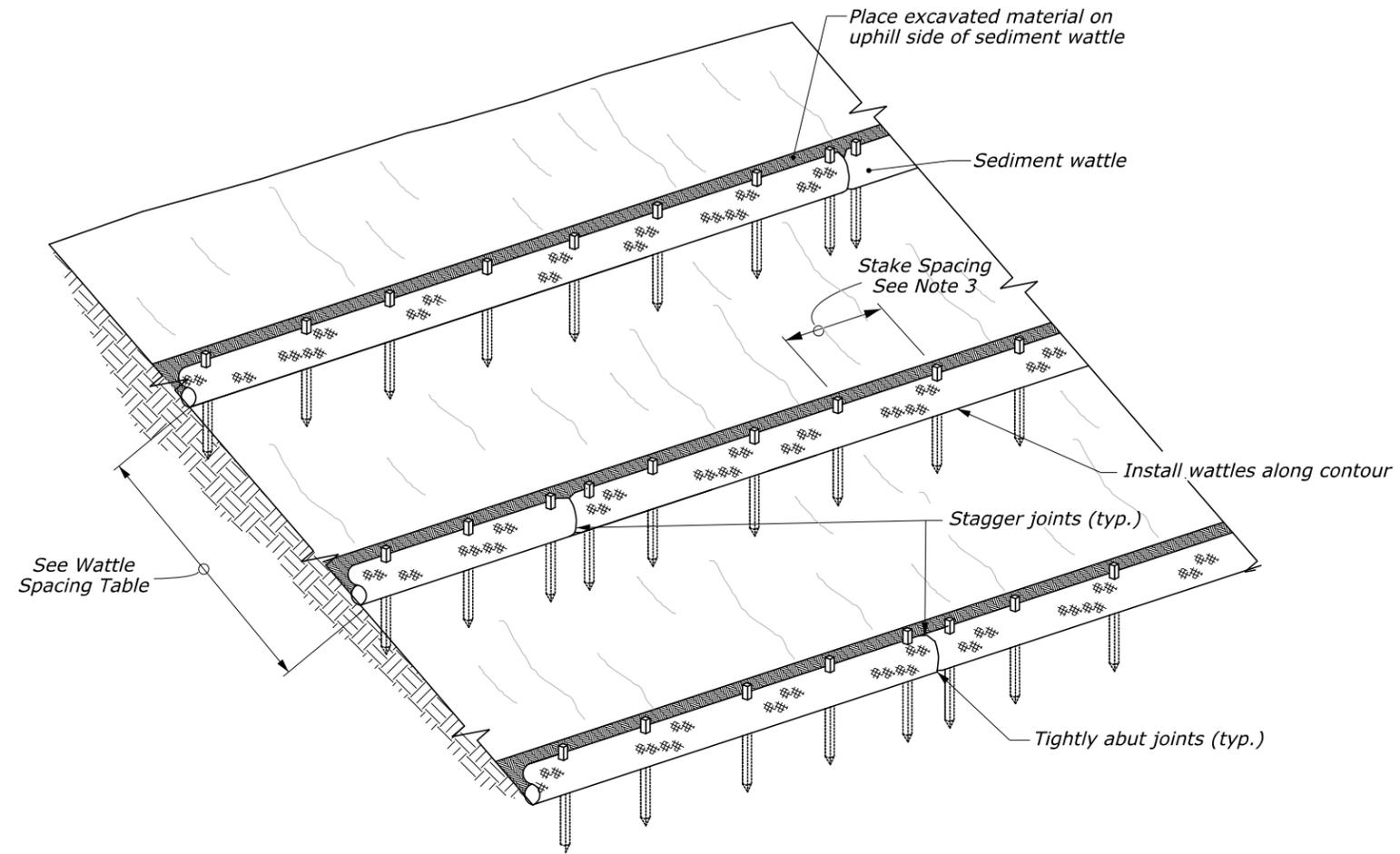
SEDIMENT LOG

SPECIAL
157-50A

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
5	CA	CA PFH 112-1(2) S. FORK SMITH RIVER RD.	E10	E11

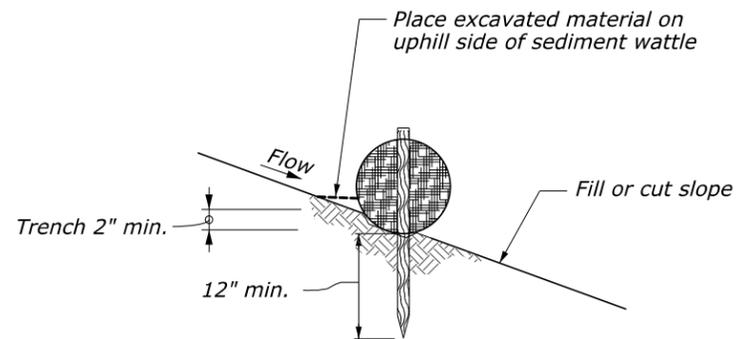
NOTE:

1. Repair all rills or gullies prior to installation.
2. Install sediment wattles along slope contours. For any 20' section of sediment wattle, do not allow the sediment wattle to vary more than 5% from level.
3. Stake sediment wattles in place with 1" x 1" or 1" Ø wood stakes. Space stakes 4' o.c. max. Stake sediment wattles at each end.
4. Drive stakes into undisturbed soil at least 12" deep. Expose stakes 2" above top of wattle.
5. For sediment wattles on bare soil, construct trenches parallel to the contour. Place sediment wattles in continuous contact with trench bottom and sides. Tamp soil backfill against upstream side of wattle to ensure storm water is forced to flow through wattle rather than under it.
6. Sediment wattles may be overlapped according to the manufacturer's recommendations.

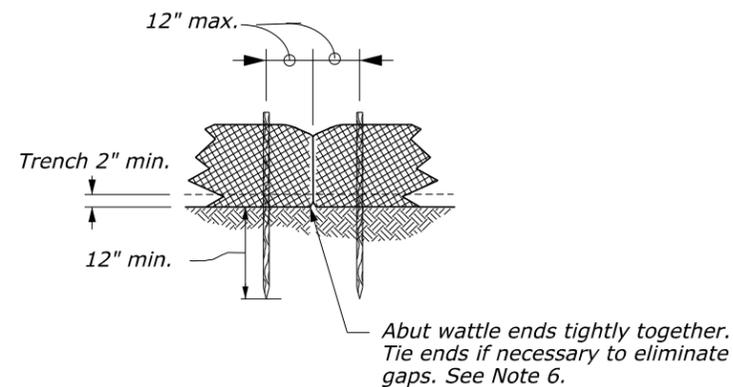


SEDIMENT WATTLE SLOPE LAYOUT

Slope Gradient	12" Ø wattle Maximum spacing (ft)
1V:4H or flatter	60
1V:4H to 1V:3H	45
1V:3H to 1V:2H	30
1V:2H or steeper	15



STAKE DETAIL



WATTLE JOINT DETAIL

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
CENTRAL FEDERAL LANDS HIGHWAY DIVISION

U.S. CUSTOMARY DETAIL

SEDIMENT WATTLE

DETAIL APPROVED FOR USE 01/2011

REVISID:

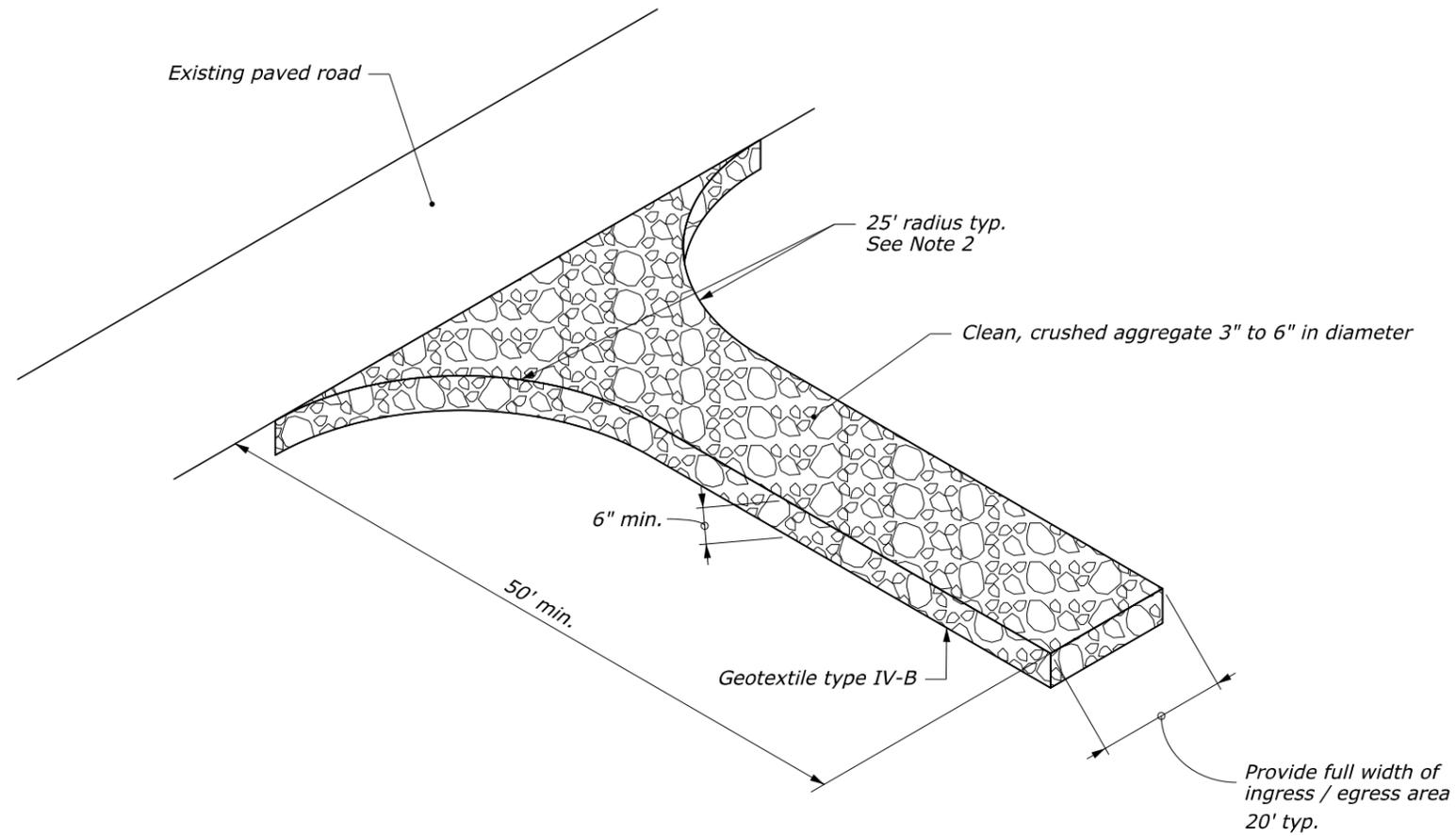
DETAIL
157-51A

NO SCALE

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
5	CA	CA PFH 112-1(2) S. FORK SMITH RIVER RD.	E11	E11

NOTE:

1. Construct drainage ditches along entrance as directed by the CO. Provide temporary drainage where entrance crosses existing drainage ditches.
2. Construct radius to allow turning movement of typical truck using exit.
3. Remove build-up of sediment as necessary to reduce tracking onto paved roadway.



STABILIZED CONSTRUCTION ENTRANCE

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U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION CENTRAL FEDERAL LANDS HIGHWAY DIVISION	
U.S. CUSTOMARY SPECIAL	
STABILIZED CONSTRUCTION ENTRANCE	
DETAIL APPROVED FOR USE MM/YYYY	SPECIAL
REVISED:	157-55A

NO SCALE