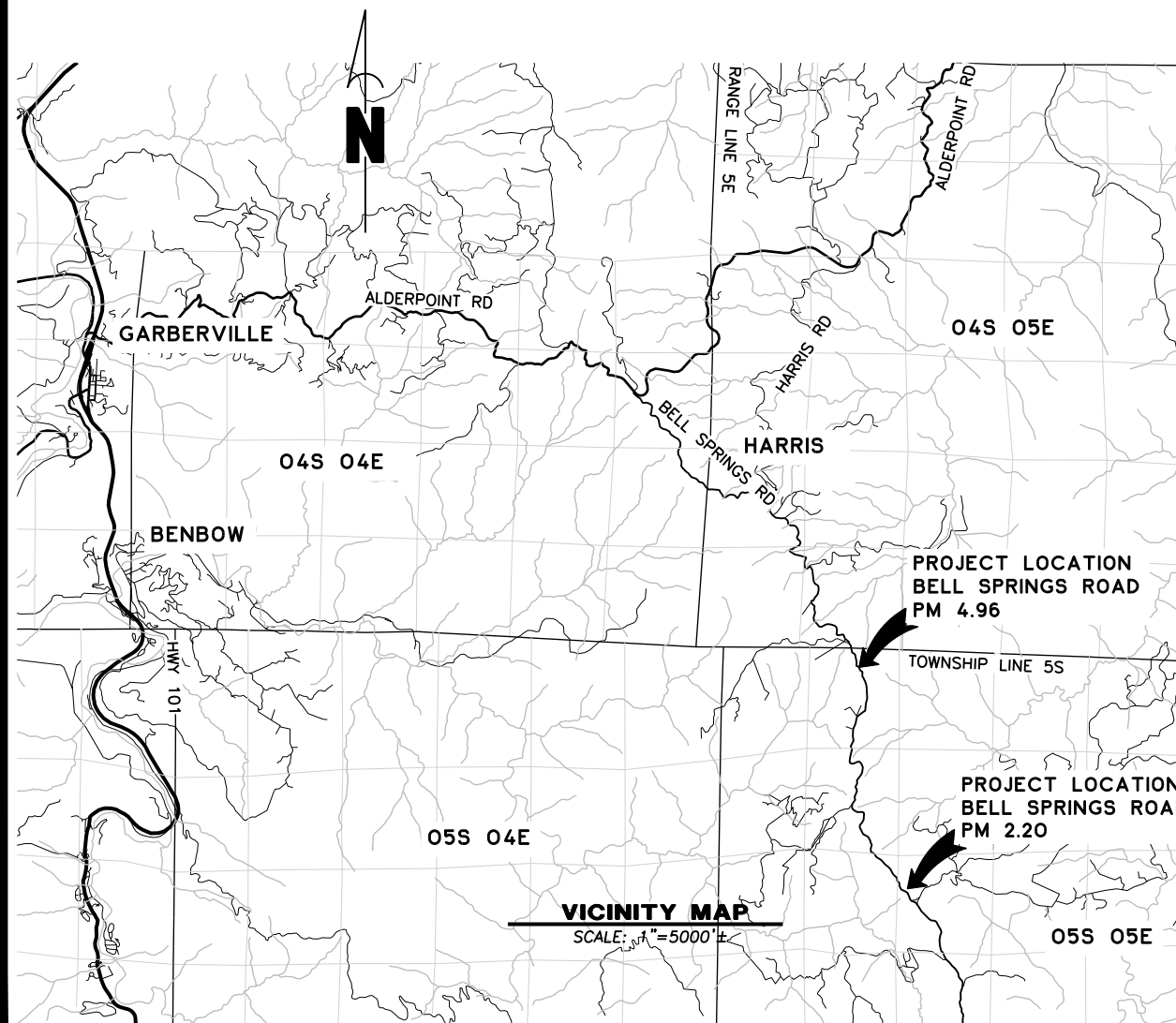


FUNDING SOURCE
THIS PROJECT IS FUNDED BY THE US DEPARTMENT OF
TRANSPORTATION, FEDERAL HIGHWAY ADMINISTRATION
EMERGENCY RELIEF PROGRAM



SITE	CONTRACT No.	LAT & LONG
PM 2.20	217267	40.02534, -123.6315
PM 4.96	217268	40.05891, -123.64080

COUNTY OF HUMBOLDT
DEPARTMENT OF PUBLIC WORKS
PROJECT PLANS FOR CONSTRUCTION OF
STORM DAMAGE REPAIRS ON
BELL SPRINGS ROAD (8A010)
at P.M. 2.20 & 4.96
ER-32L0(127) & ER-32L0(128)
CONTRACT NO. 217267 & 217268



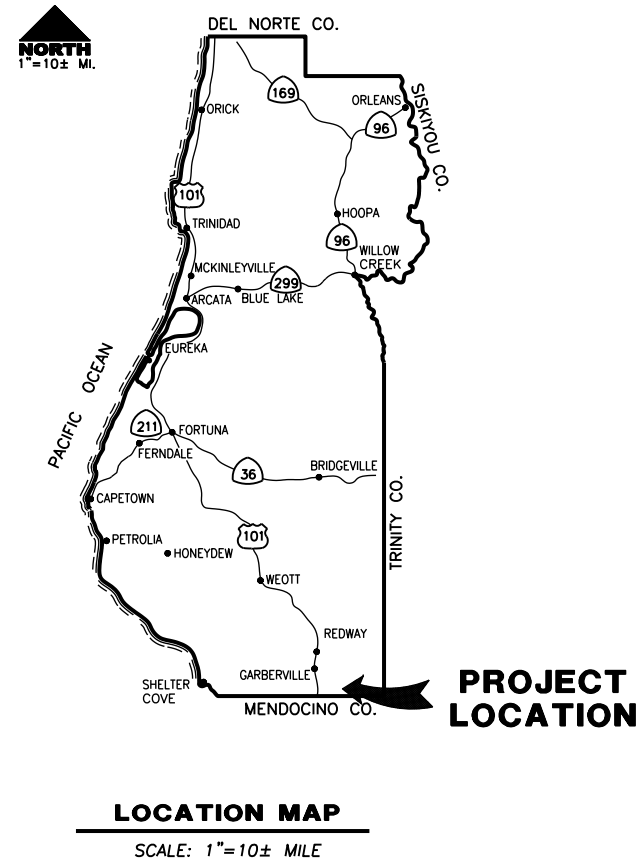
INDEX OF SHEETS

- 1 COVER SHEET, SHEET INDEX, AND MAPS
- 2 CONSTRUCTION AREA SIGNS & QUANTITIES
- 3 PM 2.20 SURVEY CONTROL
- 4 PM 2.20 TYPICAL SECTION AND DETAILS
- 5 PM 2.20 PLAN AND PROFILE
- 6 PM 2.20 EROSION CONTROL
- 7 PM 2.20 SECTION VIEWS (1 OF 2)
- 8 PM 2.20 SECTION VIEWS (2 OF 2)
- 9 PM 4.96 SURVEY CONTROL
- 10 PM 4.96 TYPICAL SECTION AND DETAILS
- 11 PM 4.96 PLAN AND PROFILE
- 12 PM 4.96 EROSION CONTROL
- 13 PM 4.96 SECTION VIEWS (1 OF 2)
- 14 PM 4.96 SECTION VIEWS (2 OF 2)

NOTES

THE CONTRACTOR SHALL HAVE A CLASS "A" LICENSE FOR THIS PROJECT.
PROJECT PLANS AND SPECIAL PROVISIONS TO BE SUPPLEMENTED BY THE
STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION STANDARD PLANS,
STANDARD SPECIFICATIONS, AND THE LATEST REVISED 2024 STANDARD
SPECIFICATIONS
(SEE APPLICABLE STANDARD PLAN LIST IN SPECIAL PROVISIONS)

BAR IS ONE INCH ON ORIGINAL DRAWING IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	ROAD NAME: BELL SPRINGS ROAD	DESIGN SECTION	COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS	SHEET 1 OF 14
	ROAD NO.: 8A010	ENGINEERING	BELL SPRINGS RD PM 2.20 & 4.96 STORM DAMAGE REPAIR	
	FEMA PROJECT NO.: ER-32L0(127) & ER-32L0(128)	DESIGNED BY: MMS	COVER SHEET, SHEET INDEX AND MAPS	
	CONTRACT NO.: 217267 & 217268	DRAWN BY: MMS		
	DRAWING FILE NAME: 217267-217268 DESIGN	REVIEWED BY: JAB		
	PLOT DATE: 2/26/2025	APPROVED BY: TRS		



RECOMMENDED

Jeffrey A. Ball
JEFFREY A. BALL
RCE 70631, EXP. 6/30/2025
2-26-2025
DATE



APPROVED

Tony R. Seghetti
TONY R. SEGHETTI
RCE 63714, EXP. 9/30/2026
02/26/2025
DATE





BAR IS ONE INCH ON ORIGINAL DRAWING IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	ROAD NAME: BELL SPRINGS ROAD		DESIGN SECTION	COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS BELL SPRINGS RD PM 2.20 & 4.96 STORM DAMAGE REPAIR SIGNS, VICINITY MAP, AND QUANTITIES	SHEET 2 OF 14
	ROAD NO.: 8A010	MILE POST: 2.20 & 4.96	ENGINEERING		
	FEMA PROJECT NO.: ER-32LO(127) & ER-32LO(128)		DESIGNED BY: MWS		
	CONTRACT NO.: 217267 & 217268		DRAWN BY: MWS		
	DRAWING FILE NAME: 217267-217268 DESIGN		REVIEWED BY: JAB		
	PLOT DATE: 2/26/2025		APPROVED BY: TRS		

NOTES

- 1) SIGNS SHALL BE PLACED AS SHOWN ON PLAN OR AS DIRECTED BY THE ENGINEER.
- 2) FINAL PLACEMENT OF SIGNS SHALL BE APPROVED BY RESIDENT ENGINEER.
- 3) ADDITIONAL PORTABLE SIGNS SHALL BE USED AS REQUIRED FOR OTHER ROADSIDE WORK.
- 4) SEE STANDARD PLAN T13 FOR TRAFFIC CONTROL SYSTEM.
- 5) IN ADDITION TO CONSTRUCTION AREA SIGNS AND WHEN DIRECTED BY THE RESIDENT ENGINEER, THE CONTRACTOR SHALL UTILIZE FLAGMEN AS NECESSARY TO DIRECT TRAFFIC.
- 6) DISTANCE TO W20-1 AND G20-2 MAY BE EXTENDED TO ENCOMPASS SITES WITHIN ONE MILE OF EACH OTHER.
- 7) KEEP A MINIMUM OF 1 TRAFFIC LANE AT LEAST 10' WIDE OPEN FOR TRAFFIC, EXCEPT THE FULL WIDTH OF THE TRAVELED WAY MUST BE OPEN WHEN CONSTRUCTION OPERATIONS ARE NOT ACTIVE OR AN APPROVED TRAFFIC CONTROL PLAN IS IN PLACE

QUANTITIES

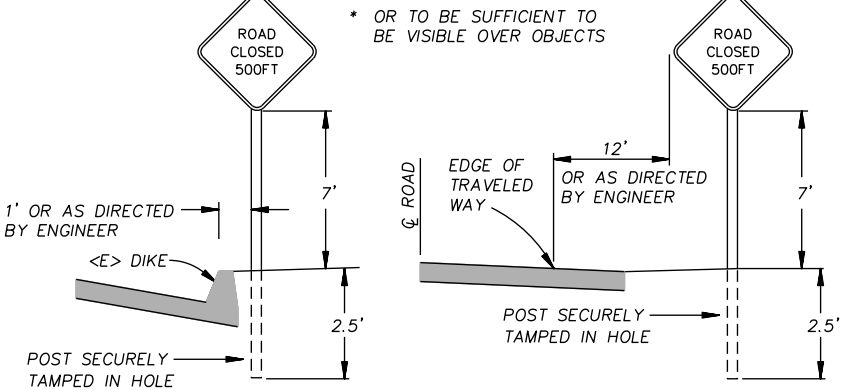
ITEM NO.	ITEM CODE	ITEM DESCRIPTION	UNIT	PM 2.20	PM 4.96	Total
1	120095	Construction Area Signs	EA	9	7	16
2	120100	Traffic Control System	LS	0.5	0.5	1
3	130100	Job Site Management	LS	0.5	0.5	1
4	130201	Water Pollution Control Program	LS	0.5	0.5	1
5	170103	Clearing and Grubbing	LS	0.5	0.5	1
6	190101	F Roadway Excavation	CY	560	490	1,050
7	190185A	Shoulder Backing (4"-6" Rock, Method B)	CY	16	5	21
8	198050	Embankment	CY	346	309	655
9	198250A	Geosynthetic Reinforcement (Primary Reinforcement)	SQYD	1,042	955	1,997
10	210212	Dry Seed	SQFT	1,800	1,030	2,830
11	210280	Rolled Erosion Control Product (Blanket)	SQFT	1,680	1,030	2,710
12	210350	Fiber Rolls	LF	490	175	665
13	210420	Straw	SQFT	120	0	120
14	260203	Class 2 Aggregate Base	CY	140	93	233
15	390132	Hot Mix Asphalt (Type A)	TON	71	48	119
16	680902A	6" Perforated Plastic Pipe	LF	100	100	200
17	680903A	6" Non-Perforated Plastic Pipe	LF	32	27	59
18	682023	F Class 1 Permeable Material (Type B)	CY	36	29	65
19	723095	Rock Slope Protection (Class I, 20 lb, Method B) (CY)	CY	1	1	2
20	999990	Mobilization	LS	0.5	0.5	1

STOCKPILE NOTES

- 1) MANAGE MATERIAL PER SECTION 13-4.03 (C) OF THE 2024 CALTRANS STANDARD SPECIFICATIONS
- 2) IF STOCKPILE AREA IS IN A TURNOUT- THE TURNOUT SHALL BE REESTABLISHED TO PRE-CONSTRUCTION CONDITIONS
- 3) STOCKPILE LOCATIONS HAVE BEEN APPROVED BY PUBLIC WORKS AS DETAILED IN THE ENVIRONMENTAL REPORT.

PLAN VIEW

SCALE: 1"=~500'



DIKE CONDITION

UNPAVED SHOULDER

RURAL CONSTRUCTION AREA SIGN

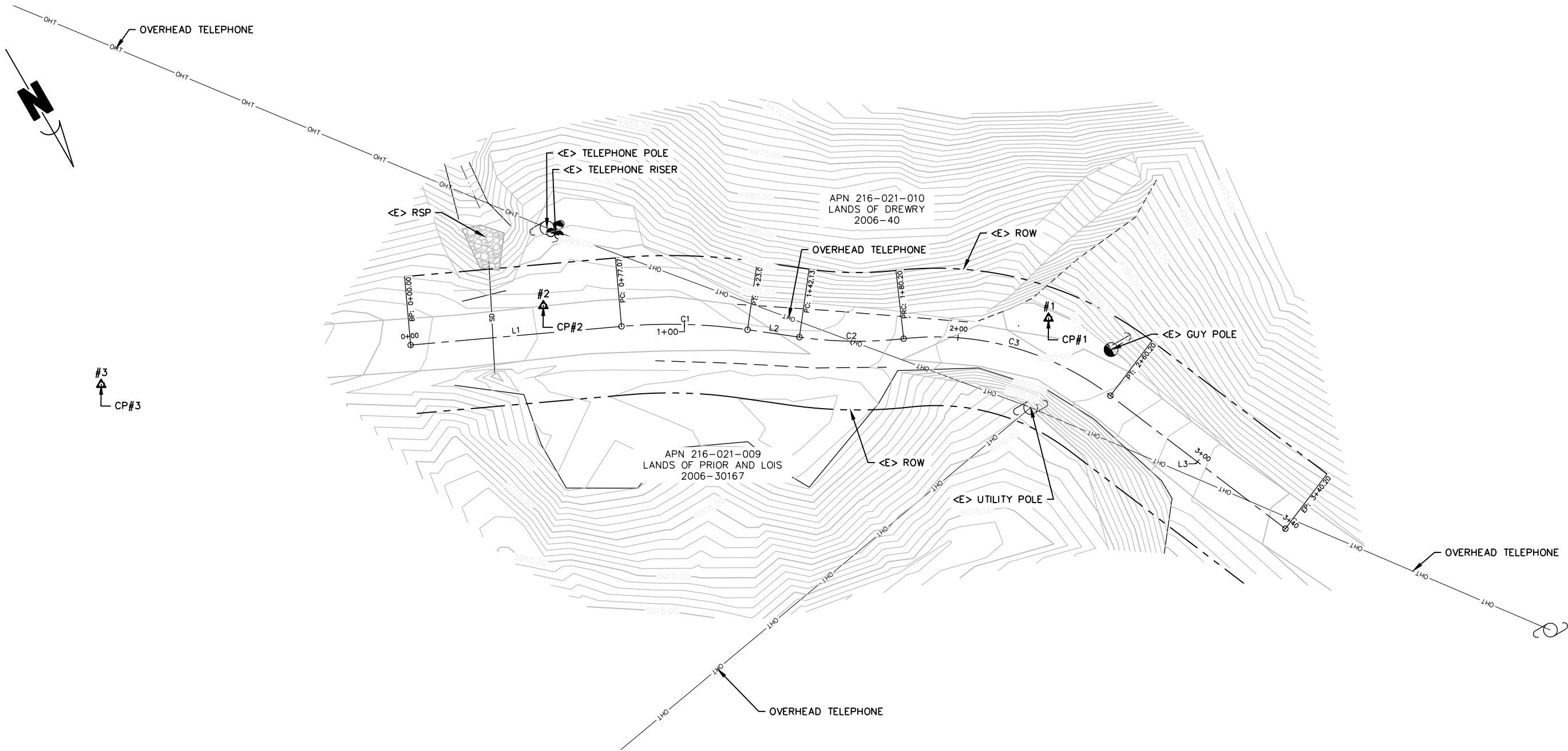
- NOT TO SCALE -

CONSTRUCTION AREA SIGN SUMMARY

REF	SIGN TYPE	QTY	DESCRIPTION	SIZE	REMARKS	POST SIZE	NUMBER
(A)	W20-1	5	ROAD WORK AHEAD	30" x 30"	VISIBLE AT ALL TIMES	4" x 4"	1
(B)	W3-1 & C29-500	4	STOP AHEAD	30" x 30" 20" x 7"	VISIBLE AT ALL TIMES	4 x 4	1
(C)	R1-1 R-SPECIAL	4	STOP PROCEED WHEN CLEAR	30" x 30" 30" x 15"	VISIBLE AT ALL TIMES LINE OF SIGHT	4 x 4	1
(D)	G20-2	3	END ROAD WORK	36" x 18"	VISIBLE AT ALL TIMES	4 x 4	1



BAR IS ONE INCH ON ORIGINAL DRAWING IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	ROAD NAME: BELL SPRINGS ROAD	DESIGN SECTION	COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS	SHEET 3 OF 14
	ROAD NO.: 8A010	ENGINEERING		
	FEMA PROJECT NO.: ER-32LO(127)	DESIGNED BY: MMS	BELL SPRINGS ROAD PM 2.20 STORM DAMAGE REPAIR	
	CONTRACT NO.: 217267	DRAWN BY: MMS		
	DRAWING FILE NAME: 217267_Geogrid_DESIGN	REVIEWED BY: JAB	SURVEY CONTROL	
	PLOT DATE: 2/26/2025	APPROVED BY: TRS		



SURVEY NOTES:

1. The purpose of this survey is to determine topography for this storm damage road repair site.
2. Underground utilities research was not performed. There were visible utility poles or other features in this area.
3. There were no trees in this area.
4. The basis of bearings shown hereon are based on holding a compass bearing of West between point CP1 & CP3 of S64°E.
5. The basis of elevations shown hereon is based upon an assumed elevation of 5000.00 feet at point CP1.
6. The right of way in this area is 50', 25' each side of centerline. See project 206283 Bell Springs Rd PM 1.8-2.0 for Right of Way information and a previous topo.
7. Distances shown hereon are in U.S. survey feet and decimals thereof.
8. The topo base map was surveyed on 11/8/18 by County of Humboldt Land Use surveyors.

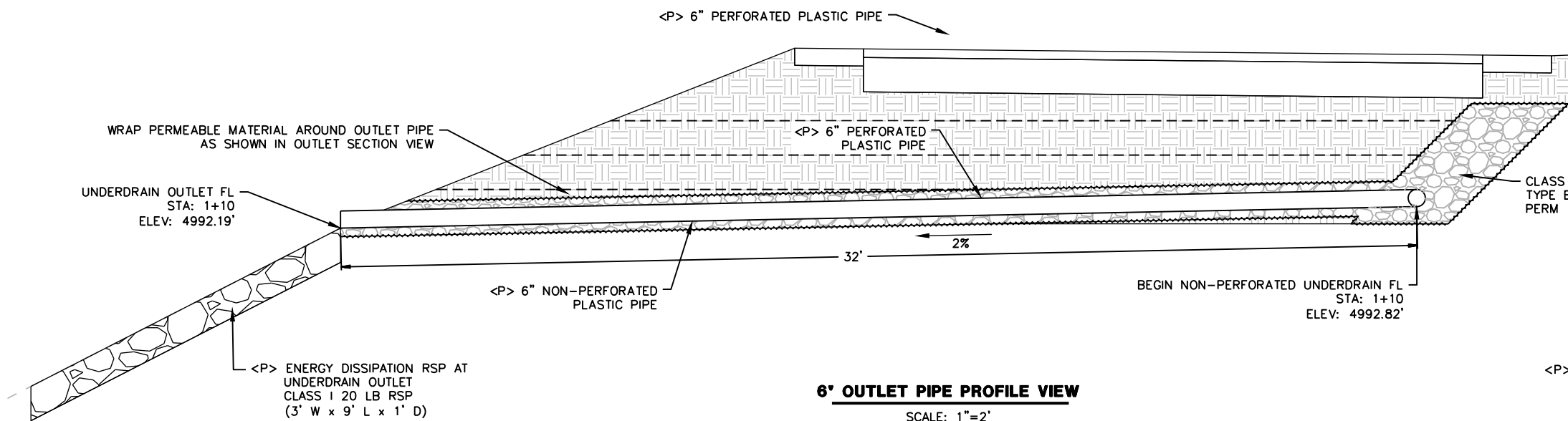
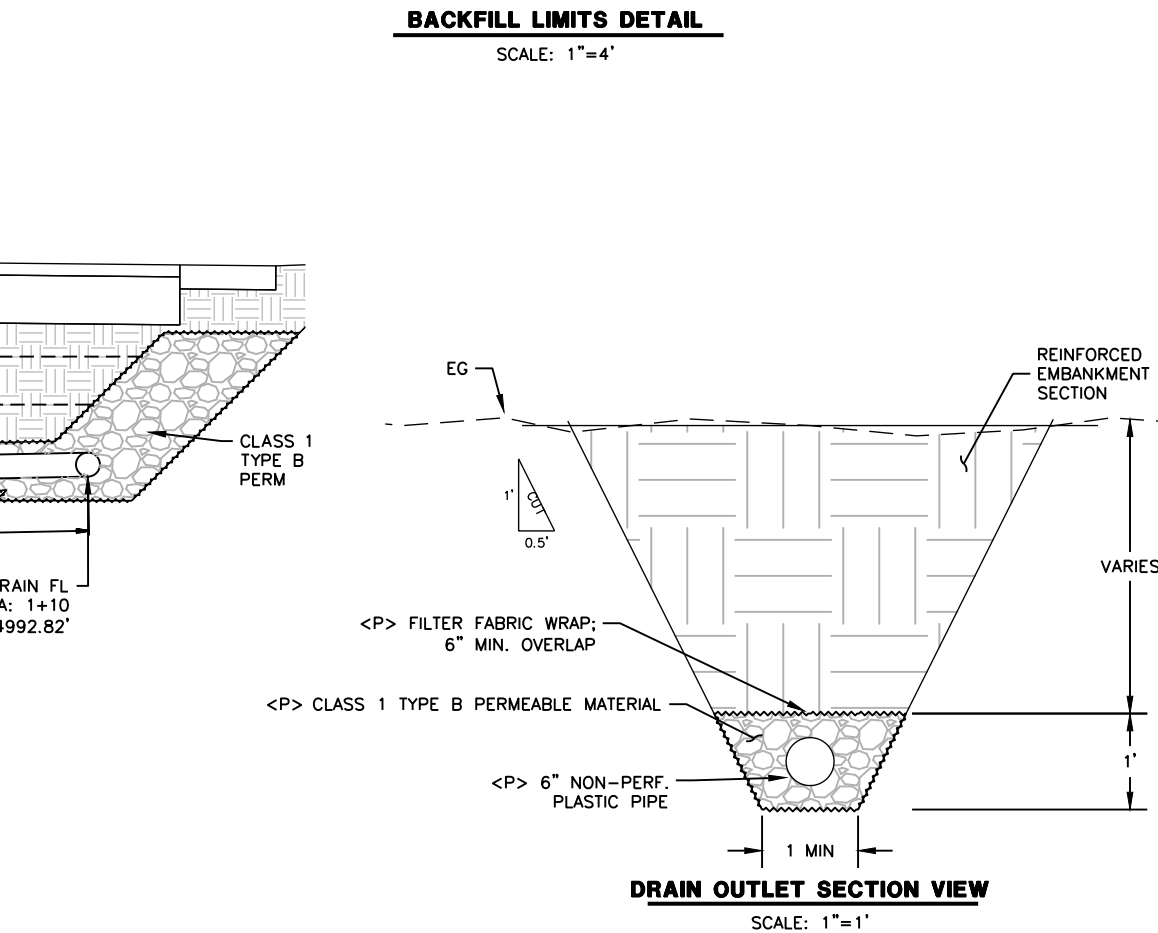
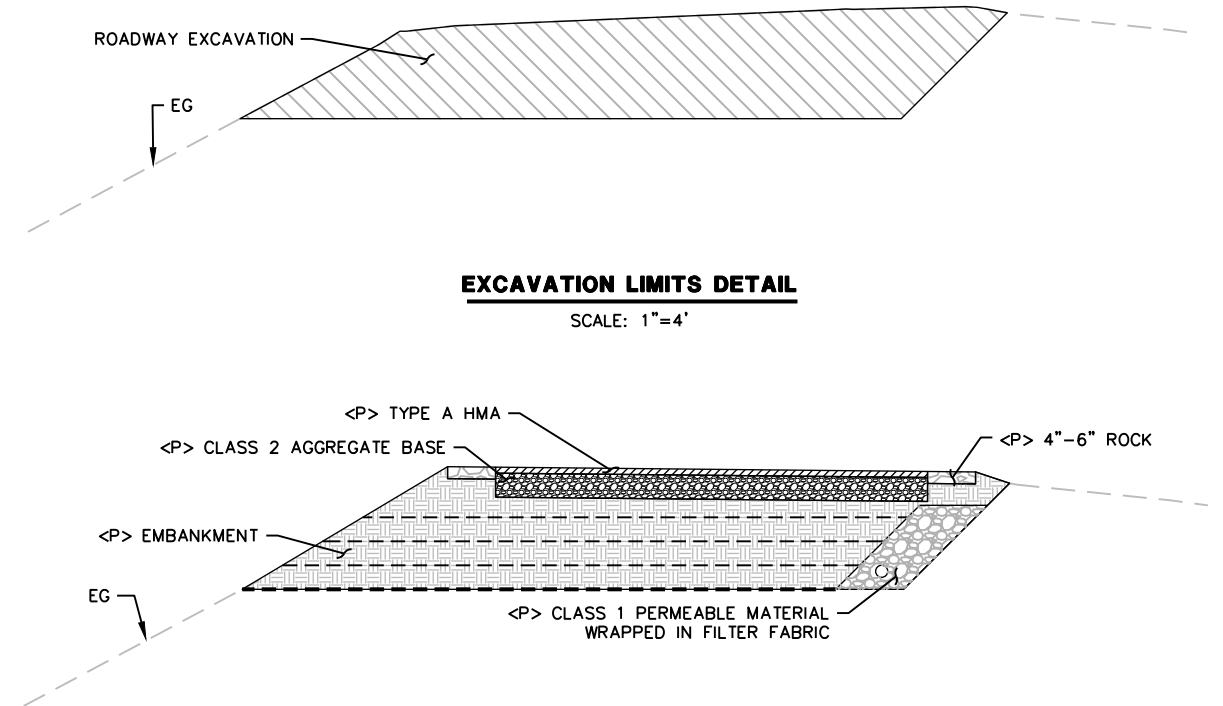
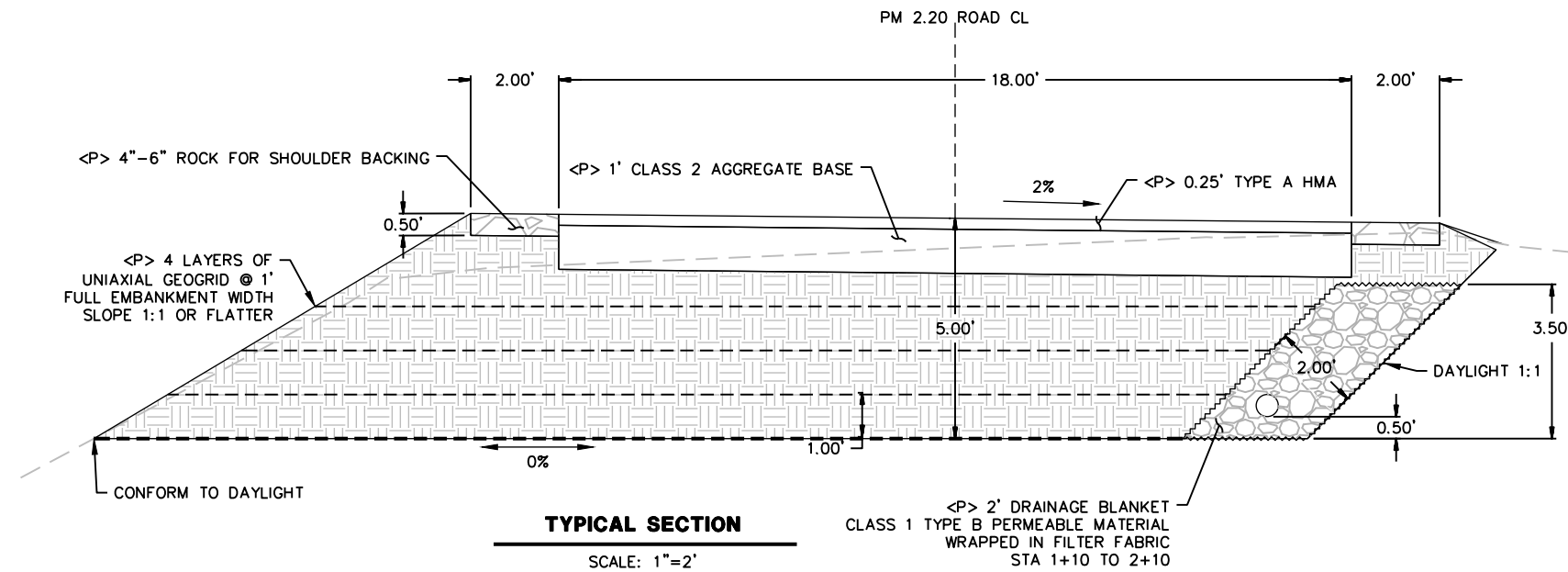
BELL SPRINGS ROAD PM 2.20 SURVEY CONTROL PLAN

SCALE: 1"=20'

CONTROL POINTS				
Point #	Northing	Easting	Elevation	Description
1	5000.00	5000.00	5000.00	CP.SET80D&SHINER
2	4904.09	5157.01	4997.69	CP.SETGINSPIKE.HUMCOCONTROLTAG
3	4848.44	5310.75	5006.19	CP.SETGINSPIKE.HUMCOCONTROLTAG



BAR IS ONE INCH ON ORIGINAL DRAWING IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	ROAD NAME: BELL SPRINGS ROAD	DESIGN SECTION	COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS BELL SPRINGS ROAD PM 2.20 STORM DAMAGE REPAIR TYPICAL SECTIONS	SHEET 4 OF 14
	ROAD NO.: 8A010	ENGINEERING		
	FEMA PROJECT NO.: ER-32LO(127)	DESIGNED BY: MMS		
	CONTRACT NO.: 217267	DRAWN BY: MMS		
	DRAWING FILE NAME: 217267_Geogrid_DESIGN	REVIEWED BY: JAB		
	PLOT DATE: 2/26/2025	APPROVED BY: TRS		





BAR IS ONE INCH ON ORIGINAL DRAWING

IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

ROAD NAME: BELL SPRINGS ROAD

ROAD NO.: 8A010

FEMA PROJECT NO.: ER-32LO(127)

CONTRACT NO.: 217267

DRAWING FILE NAME: 217267_Geogrid_DESIGN

PLOT DATE: 2/26/2025

DESIGN SECTION

ENGINEERING

DESIGNED BY: MMS

DRAWN BY: MMS

REVIEWED BY: JAB

APPROVED BY: TRS

COUNTY OF HUMBOLDT

DEPARTMENT OF PUBLIC WORKS

BELL SPRINGS ROAD PM 2.20 STORM DAMAGE REPAIR

PLAN AND PROFILE

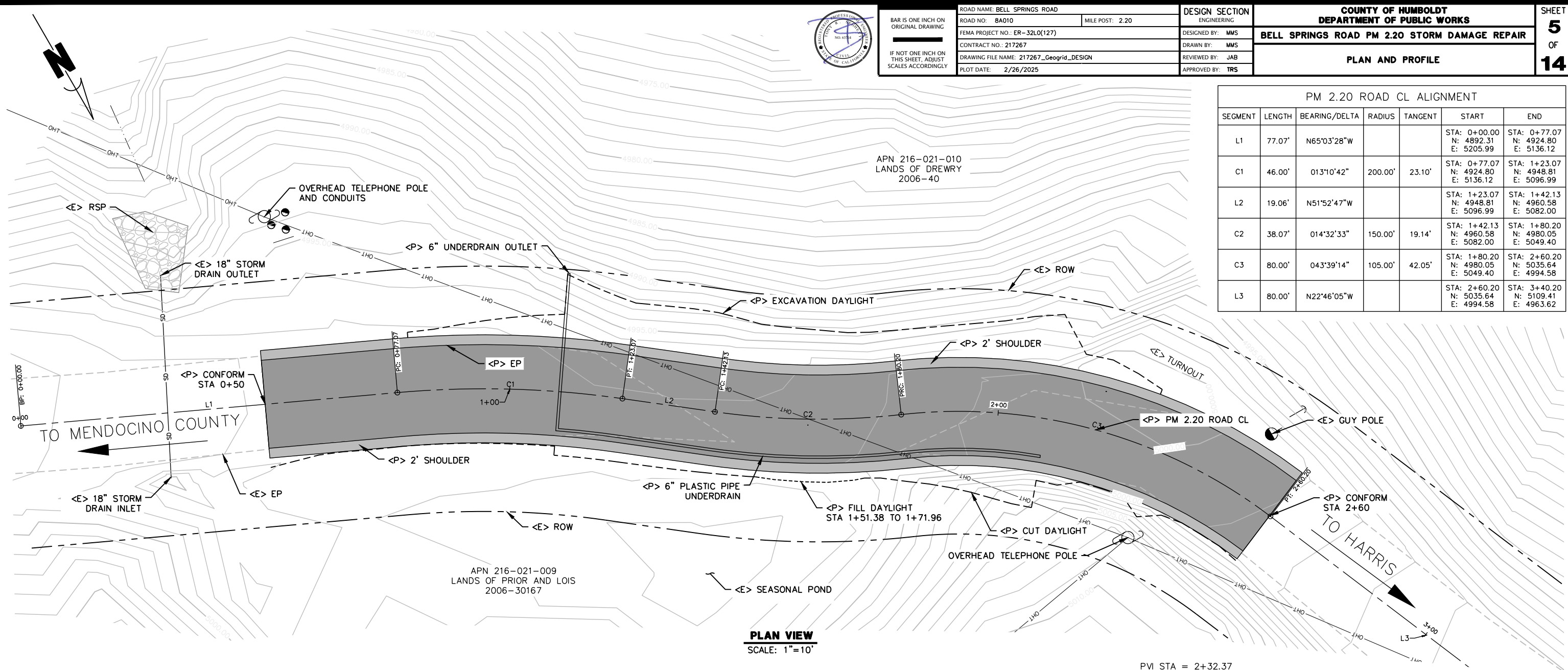
SHEET

5

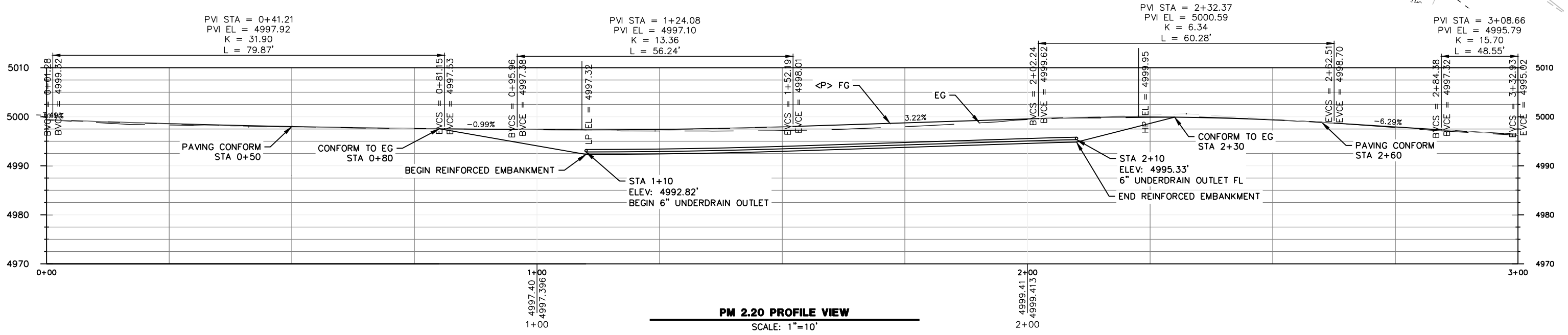
OF

14

PM 2.20 ROAD CL ALIGNMENT						
SEGMENT	LENGTH	BEARING/Delta	RADIUS	TANGENT	START	END
L1	77.07'	N65°03'28"W			STA: 0+00.00 N: 4892.31 E: 5205.99	STA: 0+77.07 N: 4924.80 E: 5136.12
C1	46.00'	013°10'42"	200.00'	23.10'	STA: 0+77.07 N: 4924.80 E: 5136.12	STA: 1+23.07 N: 4948.81 E: 5096.99
L2	19.06'	N51°52'47"W			STA: 1+23.07 N: 4948.81 E: 5096.99	STA: 1+42.13 N: 4960.58 E: 5082.00
C2	38.07'	014°32'33"	150.00'	19.14'	STA: 1+42.13 N: 4960.58 E: 5082.00	STA: 1+80.20 N: 4980.05 E: 5049.40
C3	80.00'	043°39'14"	105.00'	42.05'	STA: 1+80.20 N: 4980.05 E: 5049.40	STA: 2+60.20 N: 5035.64 E: 4994.58
L3	80.00'	N22°46'05"W			STA: 2+60.20 N: 5035.64 E: 4994.58	STA: 3+40.20 N: 5109.41 E: 4963.62



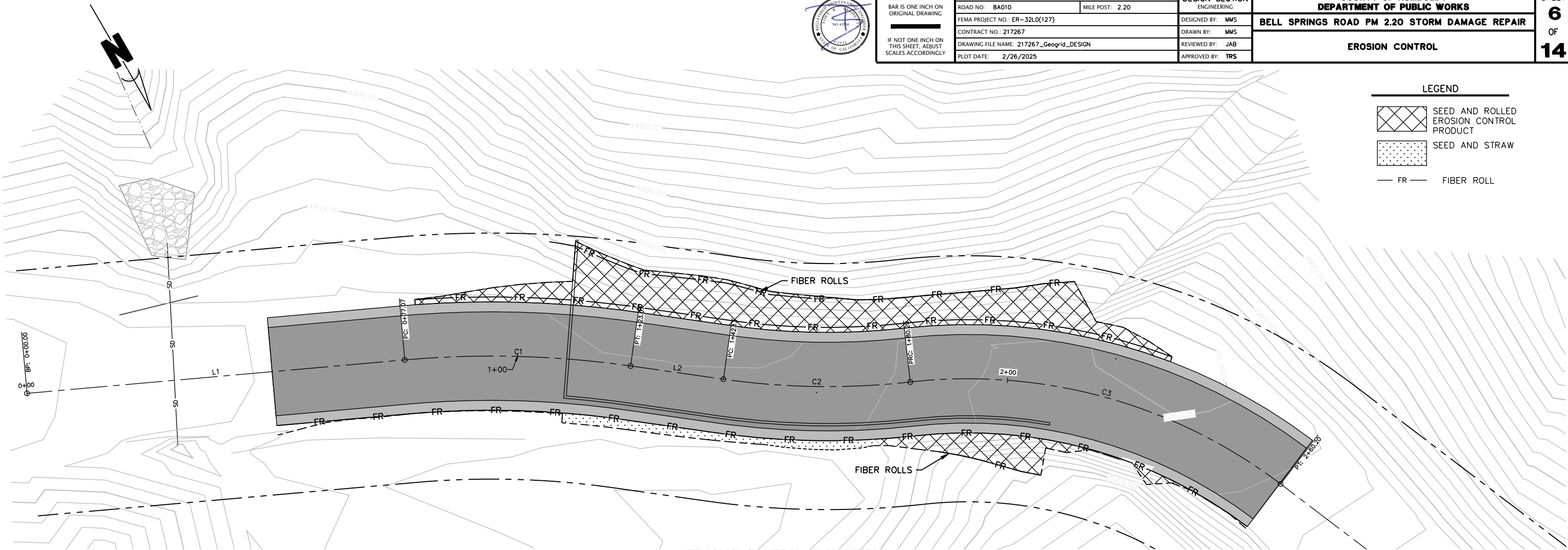
PLAN VIEW
SCALE: 1"=10'



PM 2.20 PROFILE VIEW
SCALE: 1"=10'



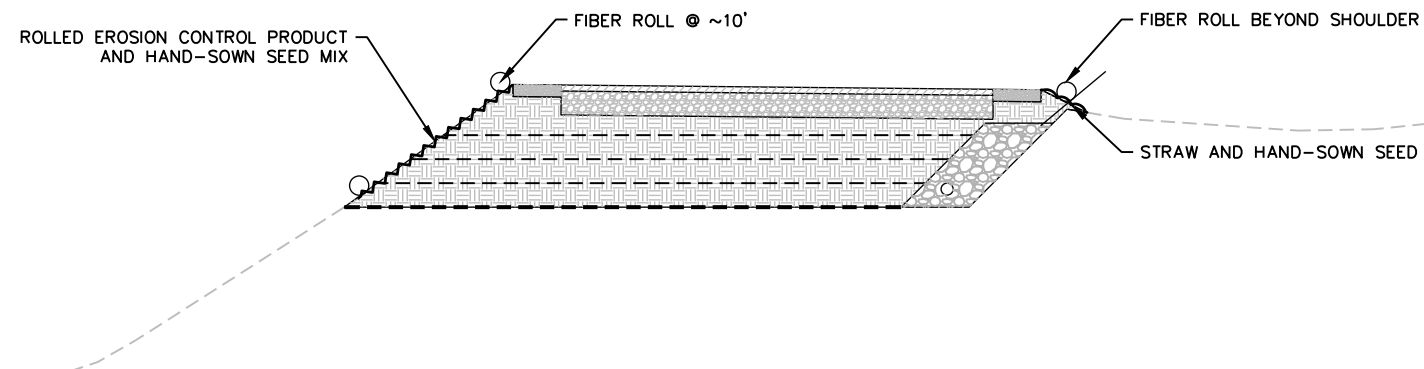
BAR IS ONE INCH ON ORIGINAL DRAWING IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	ROAD NAME: BELL SPRINGS ROAD	DESIGN SECTION	COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS BELL SPRINGS ROAD PM 2.20 STORM DAMAGE REPAIR EROSION CONTROL	SHEET 6 OF 14
	ROAD NO.: 8A010	ENGINEERING		
	FEMA PROJECT NO.: ER-32LO(127)	DESIGNED BY: MMS		
	CONTRACT NO.: 217267	DRAWN BY: MMS		
	DRAWING FILE NAME: 217267_Geogrid_DESIGN	REVIEWED BY: JAB		
	PLOT DATE: 2/26/2025	APPROVED BY: TRS		



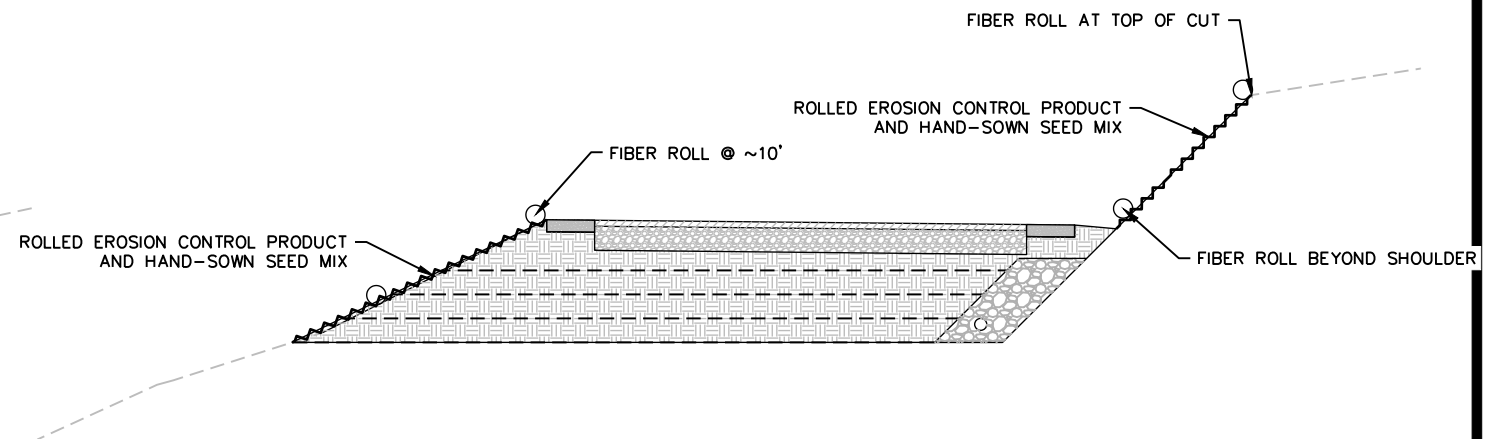
EROSION CONTROL PLAN VIEW
SCALE: 1"=10'

NOTES

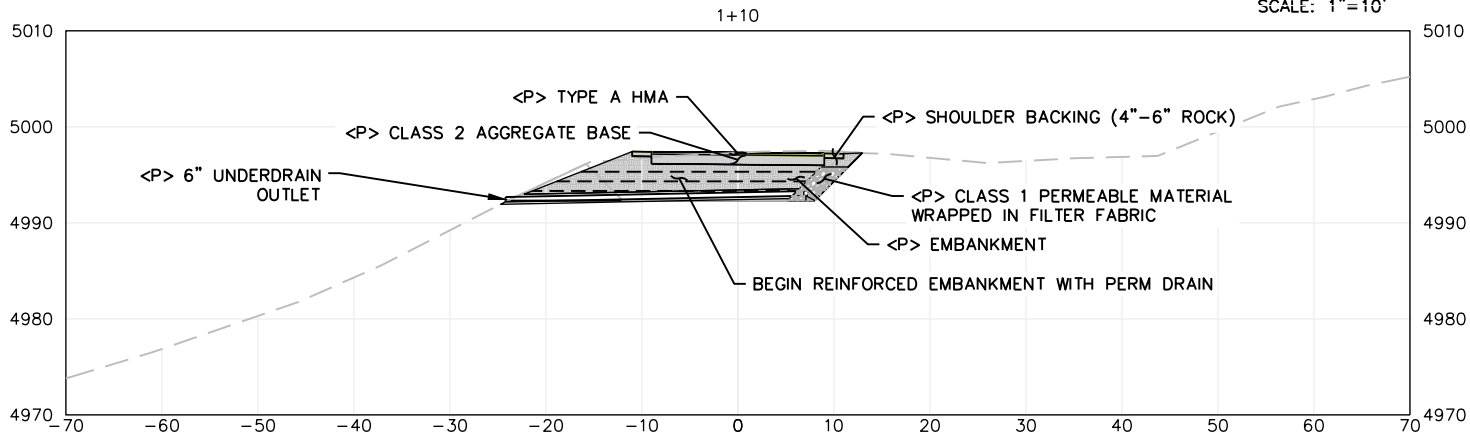
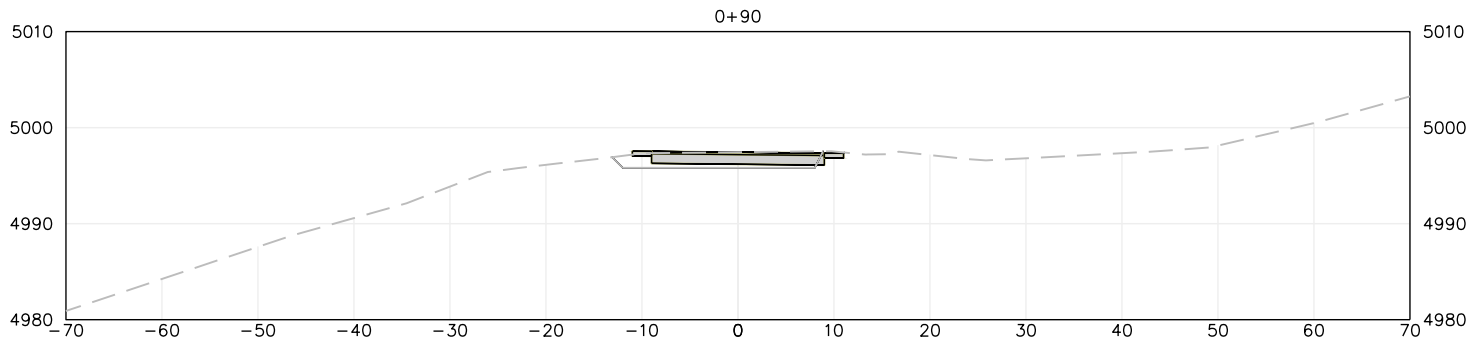
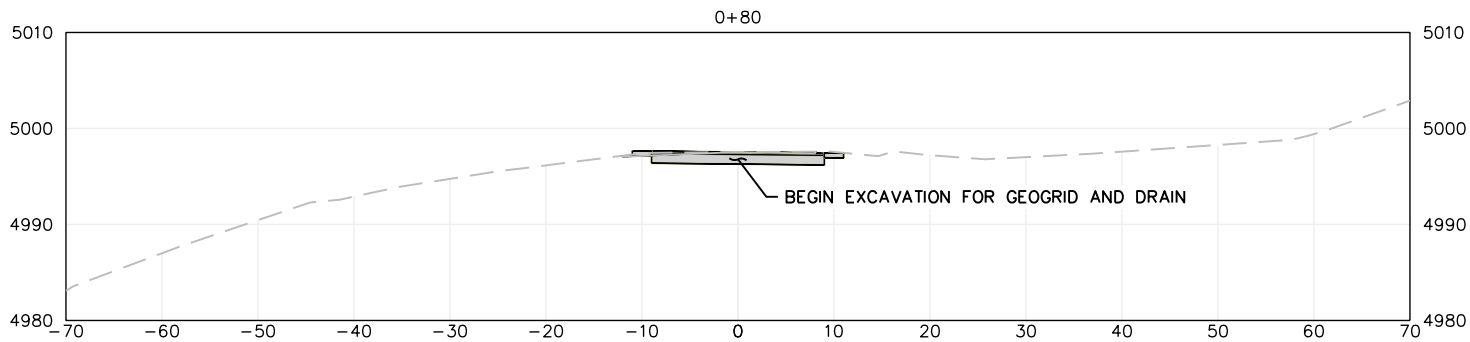
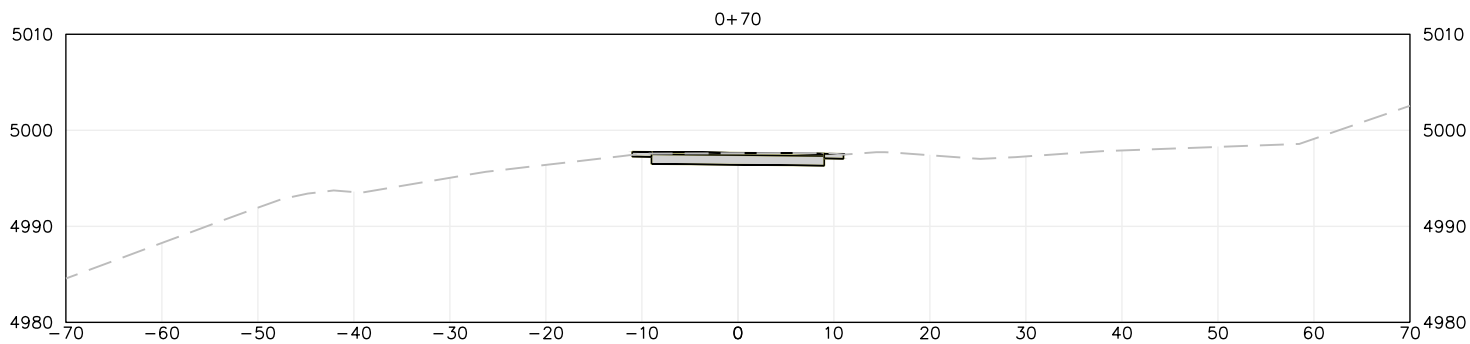
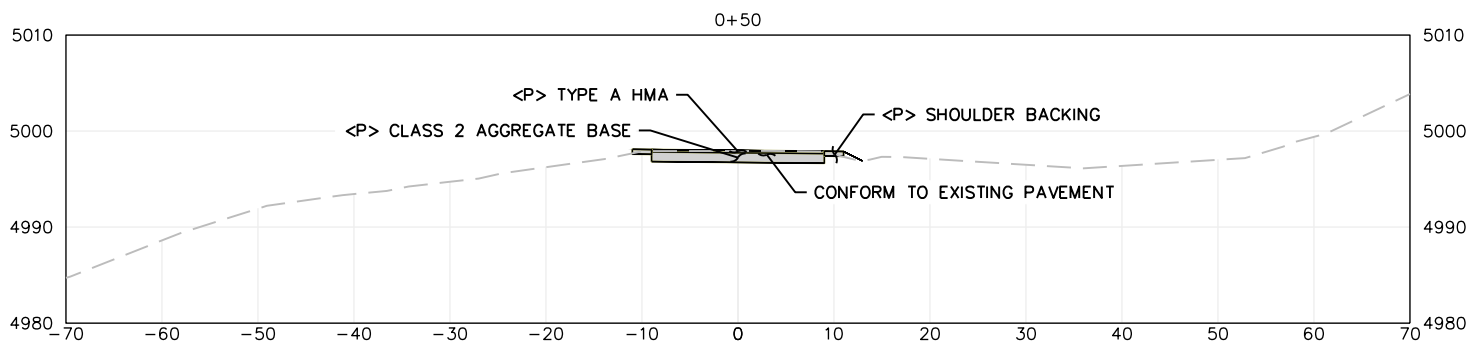
1) USE TYPE 2 INSTALLATION FOR FIBER ROLLS



TYPICAL EROSION CONTROL SECTION FILL
SCALE: 1"=4'



TYPICAL EROSION CONTROL SECTION CUT
SCALE: 1"=4'

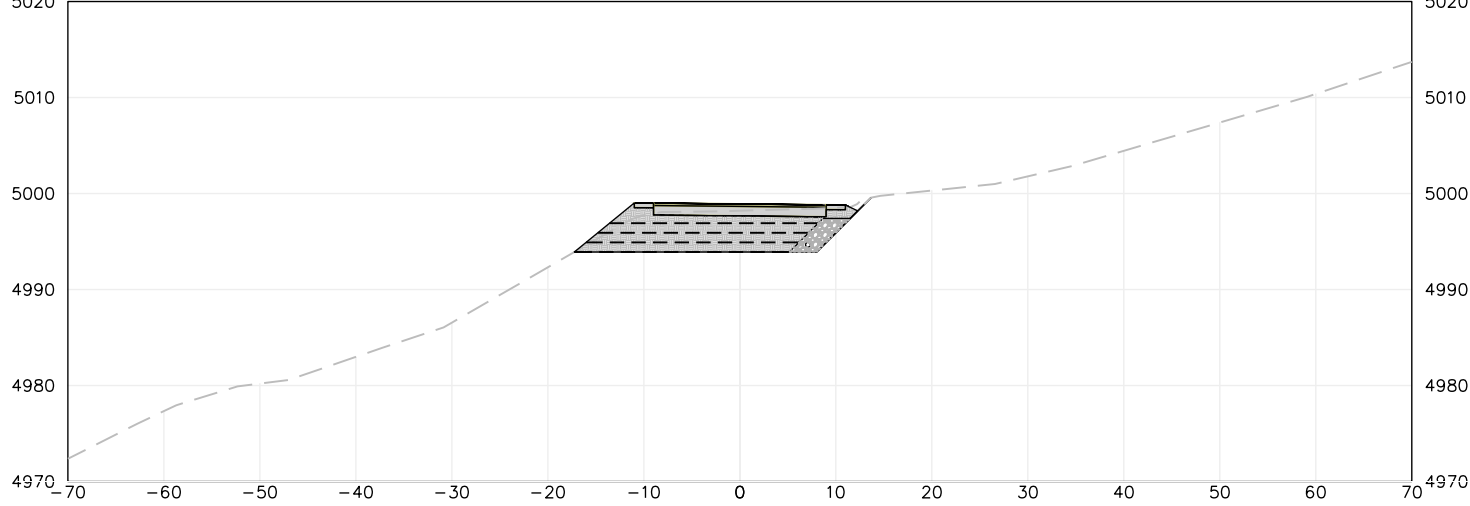
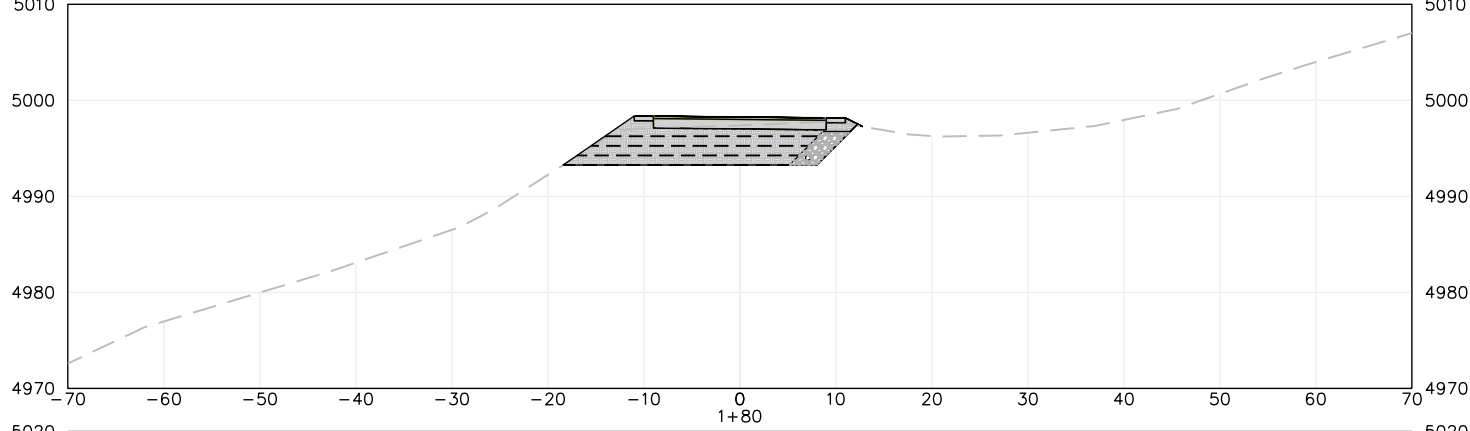
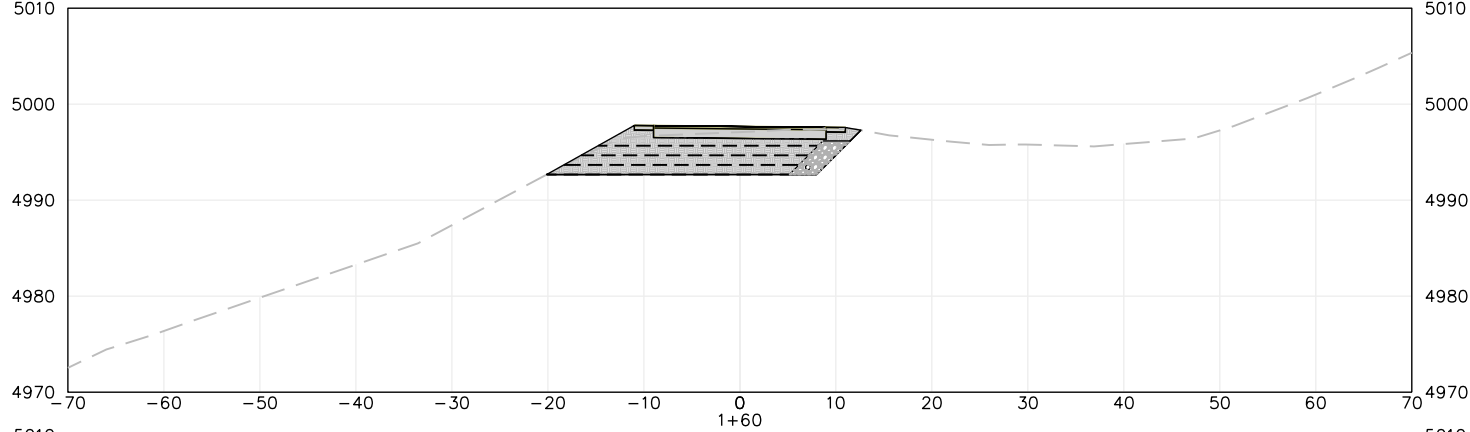
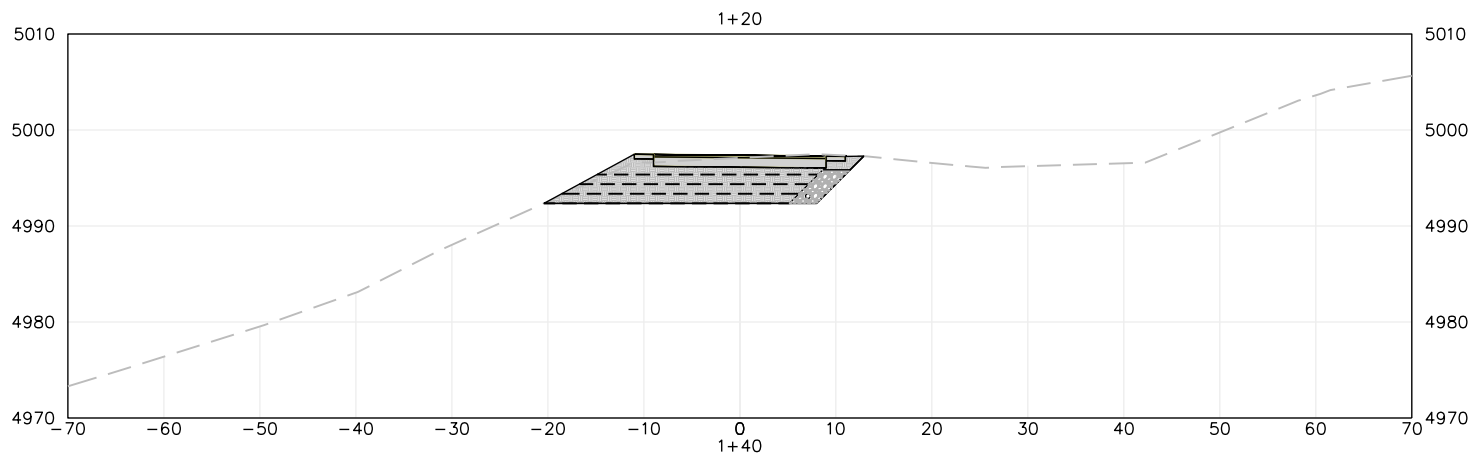


SECTION VIEWS

SCALE: 1"=10'

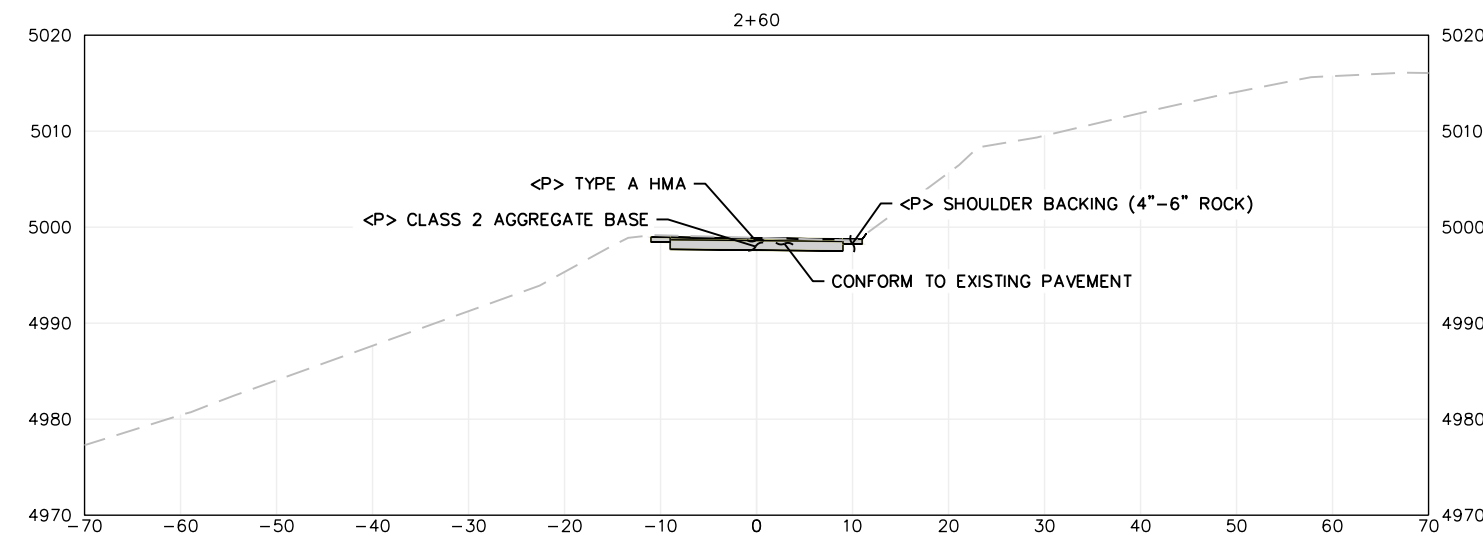
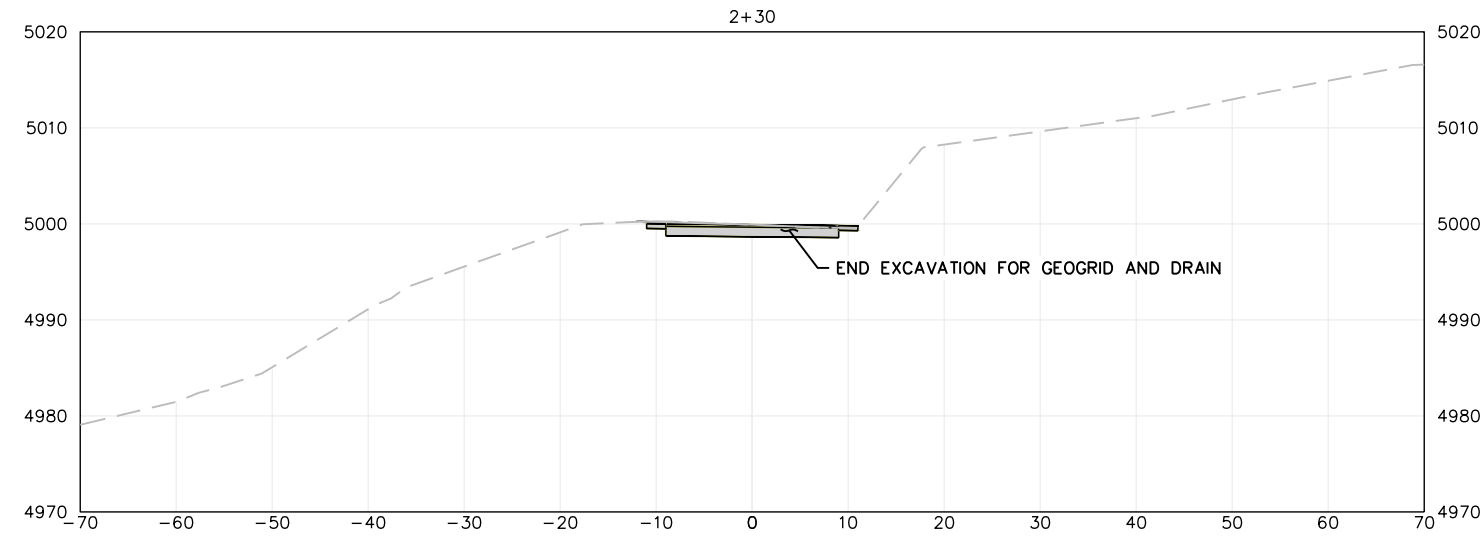
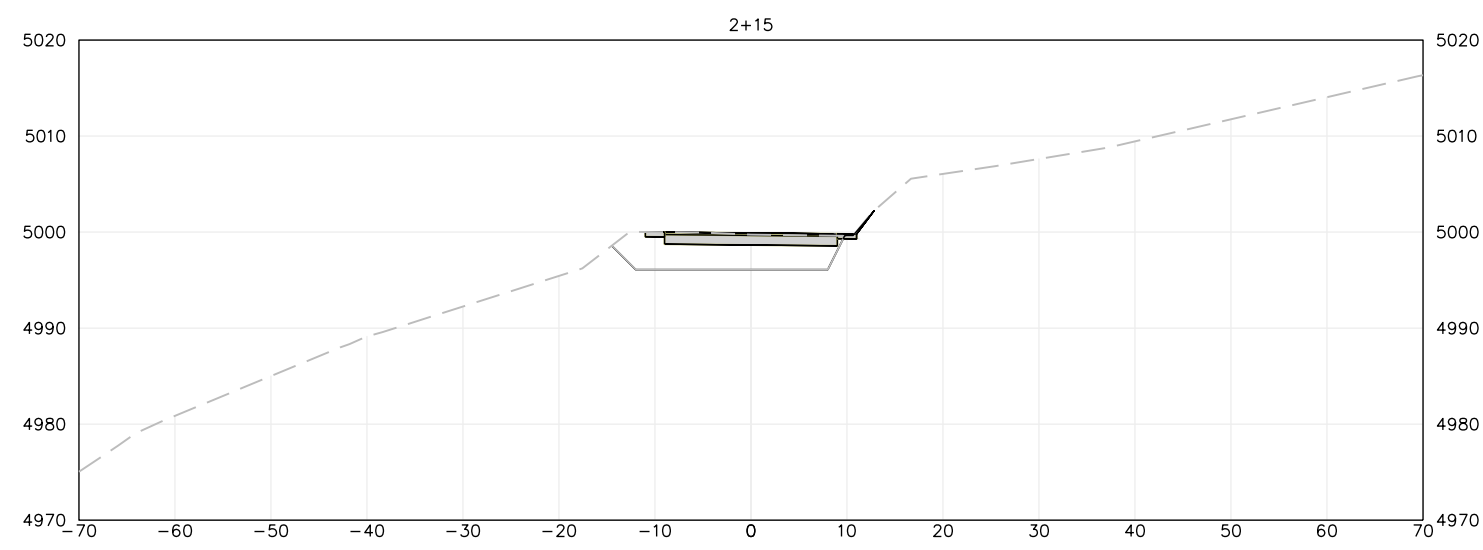
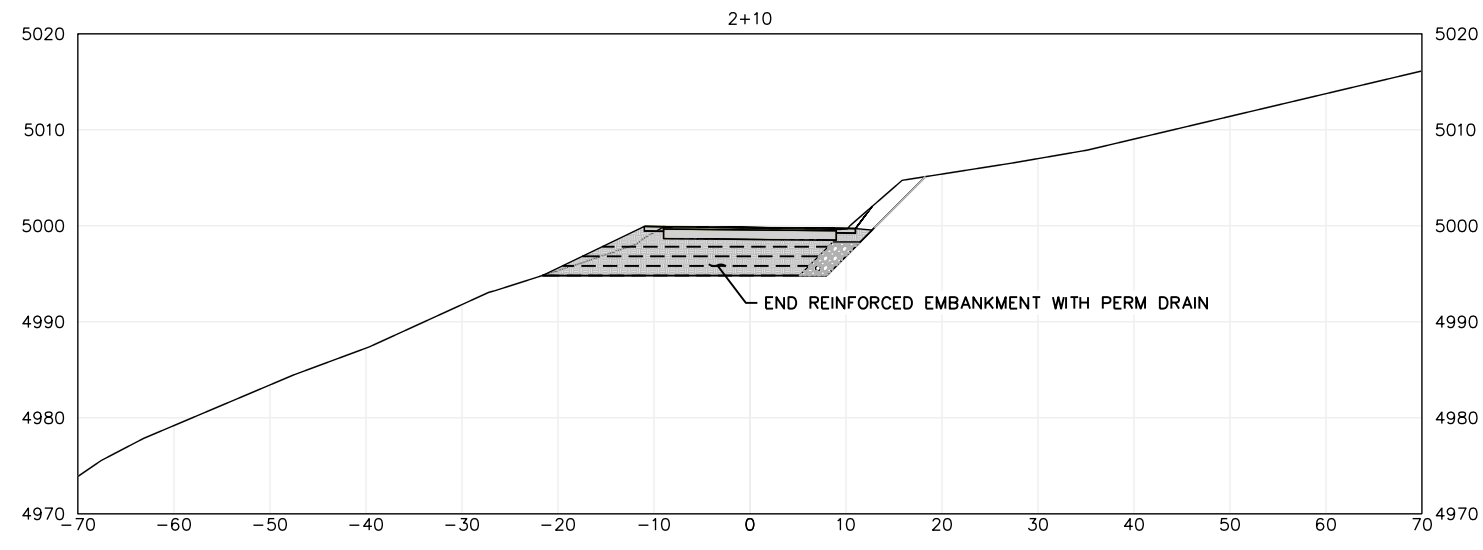
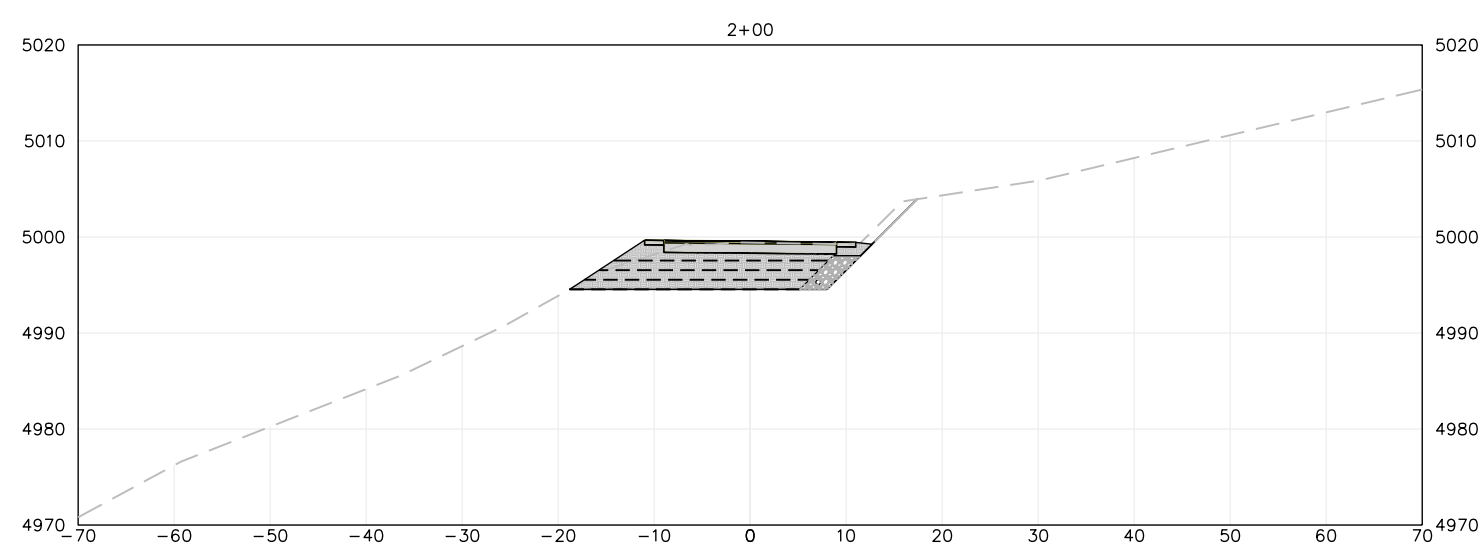


BAR IS ONE INCH ON ORIGINAL DRAWING IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	ROAD NAME: BELL SPRINGS ROAD		DESIGN SECTION	COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS BELL SPRINGS ROAD PM 2.20 STORM DAMAGE REPAIR SECTION VIEWS (0+50 TO 1+80)	SHEET 7 OF 14
	ROAD NO.: 8A010	MILE POST: 2.20	ENGINEERING		
	FEMA PROJECT NO.: ER-32LQ(127)		DESIGNED BY: MMS		
	CONTRACT NO.: 217267		DRAWN BY: MMS		
	DRAWING FILE NAME: 217267_Geogrid_DESIGN		REVIEWED BY: JAB		
	PLOT DATE: 2/26/2025		APPROVED BY: TRS		





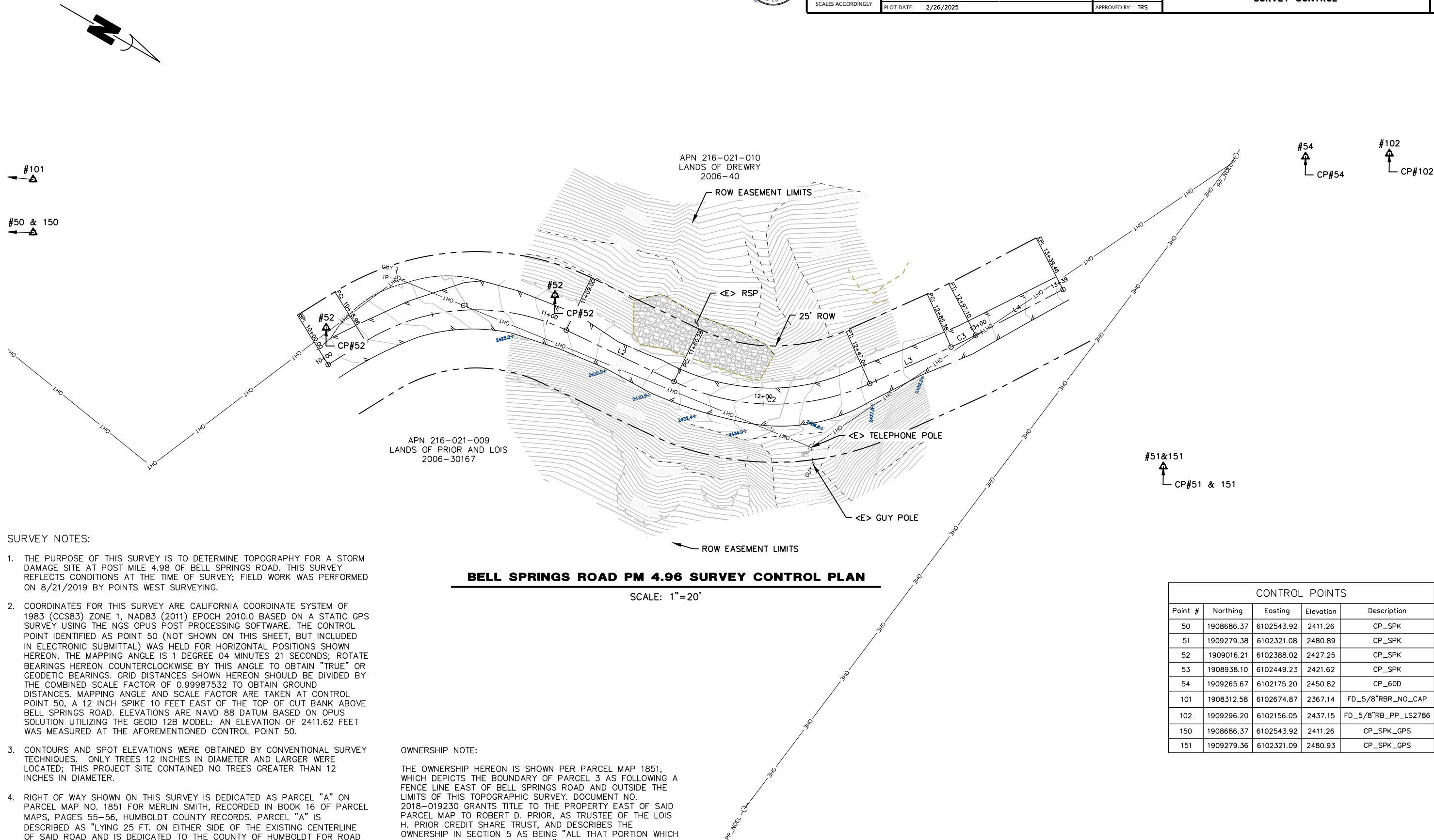
BAR IS ONE INCH ON ORIGINAL DRAWING IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	ROAD NAME: BELL SPRINGS ROAD		DESIGN SECTION	COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS	SHEET 8 OF 14	
	ROAD NO.: 8A010	MILE POST: 2.20	ENGINEERING			
	FEMA PROJECT NO.: ER-32LQ(127)		DESIGNED BY: MMS			
	CONTRACT NO.: 217267		DRAWN BY: MMS	BELL SPRINGS ROAD PM 2.20 STORM DAMAGE REPAIR		
	DRAWING FILE NAME: 217267_Geogrid_DESIGN		REVIEWED BY: JAB			
	PLOT DATE: 2/26/2025		APPROVED BY: TRS	SECTION VIEWS (2+00 TO 2+60)		



SECTION VIEWS
SCALE: 1"=10'



BAR IS ONE INCH ON ORIGINAL DRAWING IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	ROAD NAME: BELL SPRINGS ROAD	DESIGN SECTION	COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS BELL SPRINGS ROAD PM 4.96 STORM DAMAGE REPAIR SURVEY CONTROL	SHEET 9 OF 14
	ROAD NO.: 8A010	ENGINEERING		
	FEMA PROJECT NO.: ER-32LO(128)	DESIGNED BY: MWS		
	CONTRACT NO.: 217268	DRAWN BY: MWS		
	DRAWING FILE NAME: 217268_TOPO_DESIGN	REVIEWED BY: JAB		
	PLOT DATE: 2/26/2025	APPROVED BY: TRS		



SURVEY NOTES:

1. THE PURPOSE OF THIS SURVEY IS TO DETERMINE TOPOGRAPHY FOR A STORM DAMAGE SITE AT POST MILE 4.98 OF BELL SPRINGS ROAD. THIS SURVEY REFLECTS CONDITIONS AT THE TIME OF SURVEY; FIELD WORK WAS PERFORMED ON 8/21/2019 BY POINTS WEST SURVEYING.
2. COORDINATES FOR THIS SURVEY ARE CALIFORNIA COORDINATE SYSTEM OF 1983 (CCS83) ZONE 1, NAD83 (2011) EPOCH 2010.0 BASED ON A STATIC GPS SURVEY USING THE NGS OPUS POST PROCESSING SOFTWARE. THE CONTROL POINT IDENTIFIED AS POINT 50 (NOT SHOWN ON THIS SHEET, BUT INCLUDED IN ELECTRONIC SUBMITTAL) WAS HELD FOR HORIZONTAL POSITIONS SHOWN HEREON. THE MAPPING ANGLE IS 1 DEGREE 04 MINUTES 21 SECONDS; ROTATE BEARINGS HEREON COUNTERCLOCKWISE BY THIS ANGLE TO OBTAIN "TRUE" OR GEODETIC BEARINGS. GRID DISTANCES SHOWN HEREON SHOULD BE DIVIDED BY THE COMBINED SCALE FACTOR OF 0.99987532 TO OBTAIN GROUND DISTANCES. MAPPING ANGLE AND SCALE FACTOR ARE TAKEN AT CONTROL POINT 50, A 12 INCH SPIKE 10 FEET EAST OF THE TOP OF CUT BANK ABOVE BELL SPRINGS ROAD. ELEVATIONS ARE NAVD 88 DATUM BASED ON OPUS SOLUTION UTILIZING THE GEOID 12B MODEL; AN ELEVATION OF 2411.62 FEET WAS MEASURED AT THE AFOREMENTIONED CONTROL POINT 50.
3. CONTOURS AND SPOT ELEVATIONS WERE OBTAINED BY CONVENTIONAL SURVEY TECHNIQUES. ONLY TREES 12 INCHES IN DIAMETER AND LARGER WERE LOCATED; THIS PROJECT SITE CONTAINED NO TREES GREATER THAN 12 INCHES IN DIAMETER.
4. RIGHT OF WAY SHOWN ON THIS SURVEY IS DEDICATED AS PARCEL "A" ON PARCEL MAP NO. 1851 FOR MERLIN SMITH, RECORDED IN BOOK 16 OF PARCEL MAPS, PAGES 55-56, HUMBOLDT COUNTY RECORDS. PARCEL "A" IS DESCRIBED AS "LYING 25 FT. ON EITHER SIDE OF THE EXISTING CENTERLINE OF SAID ROAD AND IS DEDICATED TO THE COUNTY OF HUMBOLDT FOR ROAD PURPOSES AND ALL PURPOSES INCIDENTAL THERETO WITH SLOPE EASEMENTS TO A POINT 10 FT. BEYOND THE TOE OF FILL OR TOP OF CUT ARE DEDICATED TO THE COUNTY OF HUMBOLDT". SEE OWNERSHIP NOTE BELOW FOR ADDITIONAL INFORMATION.

OWNERSHIP NOTE:

THE OWNERSHIP HEREON IS SHOWN PER PARCEL MAP 1851, WHICH DEPICTS THE BOUNDARY OF PARCEL 3 AS FOLLOWING A FENCE LINE EAST OF BELL SPRINGS ROAD AND OUTSIDE THE LIMITS OF THIS TOPOGRAPHIC SURVEY. DOCUMENT NO. 2018-019230 GRANTS TITLE TO THE PROPERTY EAST OF SAID PARCEL MAP TO ROBERT D. PRIOR, AS TRUSTEE OF THE LOIS H. PRIOR CREDIT SHARE TRUST, AND DESCRIBES THE OWNERSHIP IN SECTION 5 AS BEING "ALL THAT PORTION WHICH LIES EAST OF BELL SPRINGS ROAD". BOUNDARY DISCREPANCIES NOT RESOLVED ON THIS SURVEY. ADDITIONAL BOUNDARY RESEARCH WILL BE REQUIRED TO DETERMINE OWNERSHIP EAST OF BELL SPRINGS ROAD.

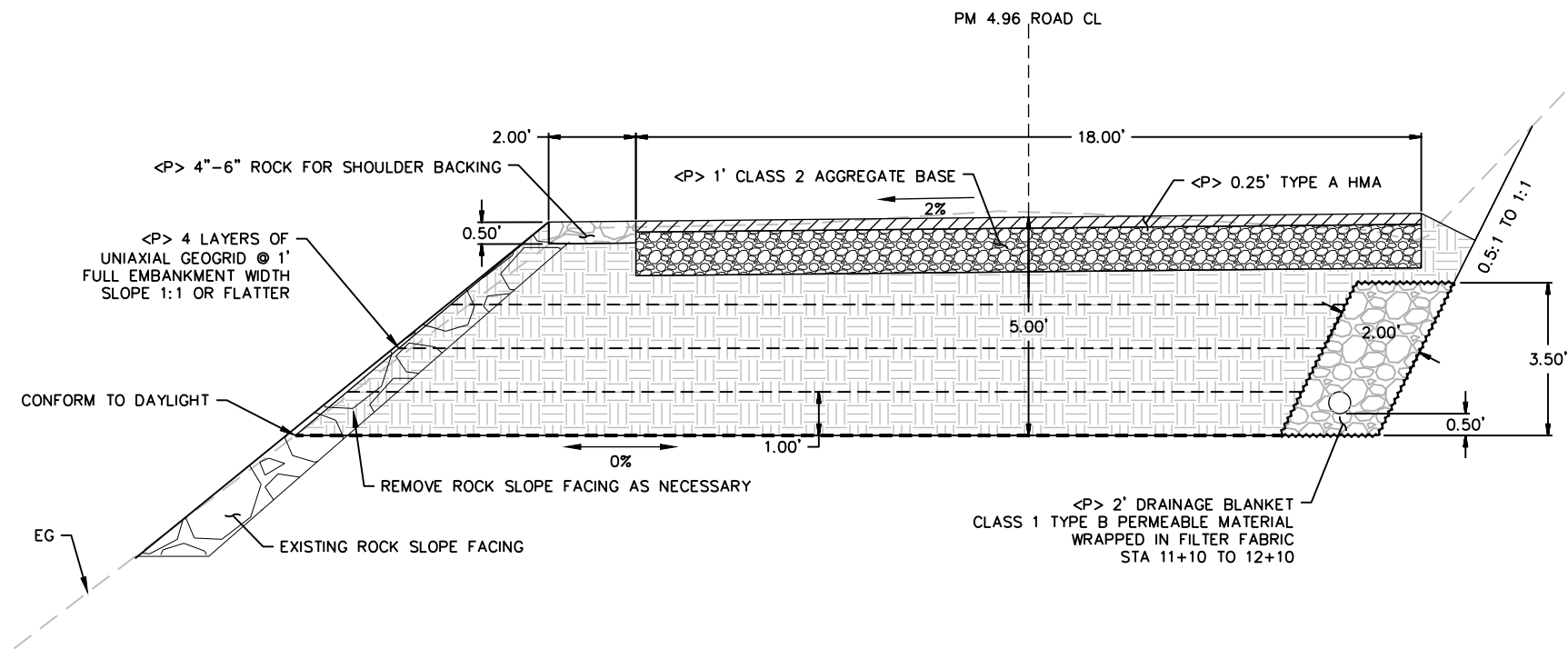
BELL SPRINGS ROAD PM 4.96 SURVEY CONTROL PLAN

SCALE: 1"=20'

CONTROL POINTS				
Point #	Northing	Easting	Elevation	Description
50	1908686.37	6102543.92	2411.26	CP_SPK
51	1909279.38	6102321.08	2480.89	CP_SPK
52	1909016.21	6102388.02	2427.25	CP_SPK
53	1908938.10	6102449.23	2421.62	CP_SPK
54	1909265.67	6102175.20	2450.82	CP_60D
101	1908312.58	6102674.87	2367.14	FD_5/8"RBR_NO_CAP
102	1909296.20	6102156.05	2437.15	FD_5/8"RB_PP_LS2786
150	1908686.37	6102543.92	2411.26	CP_SPK_GPS
151	1909279.36	6102321.09	2480.93	CP_SPK_GPS

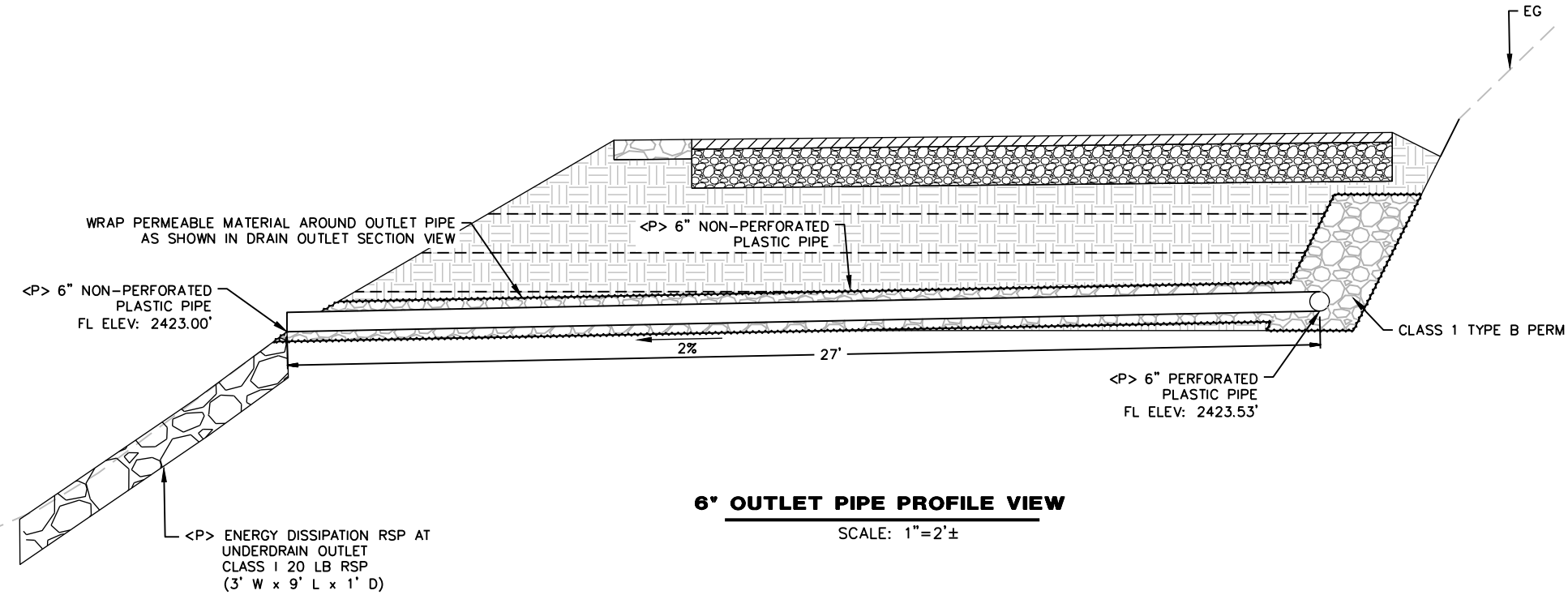
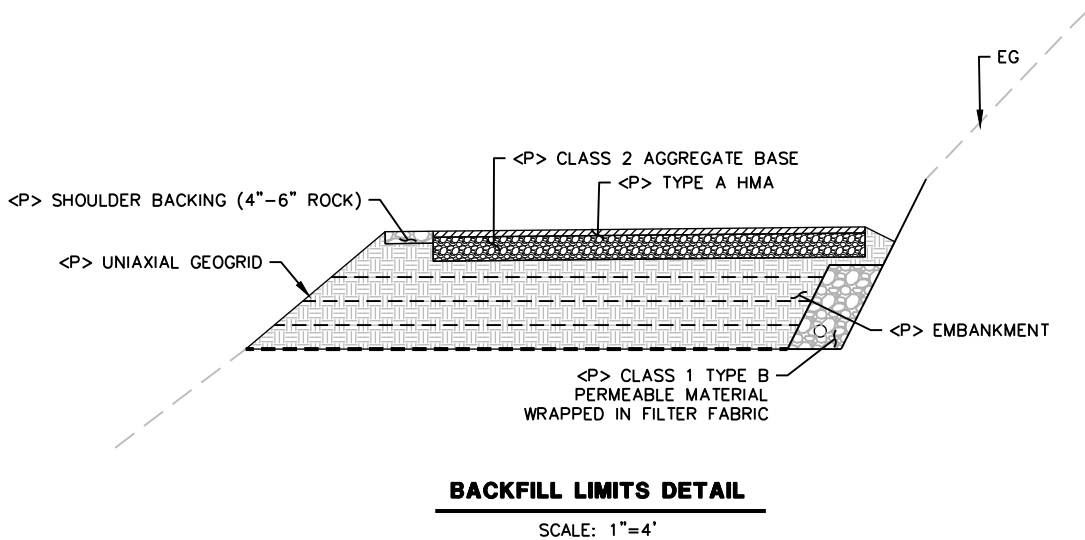
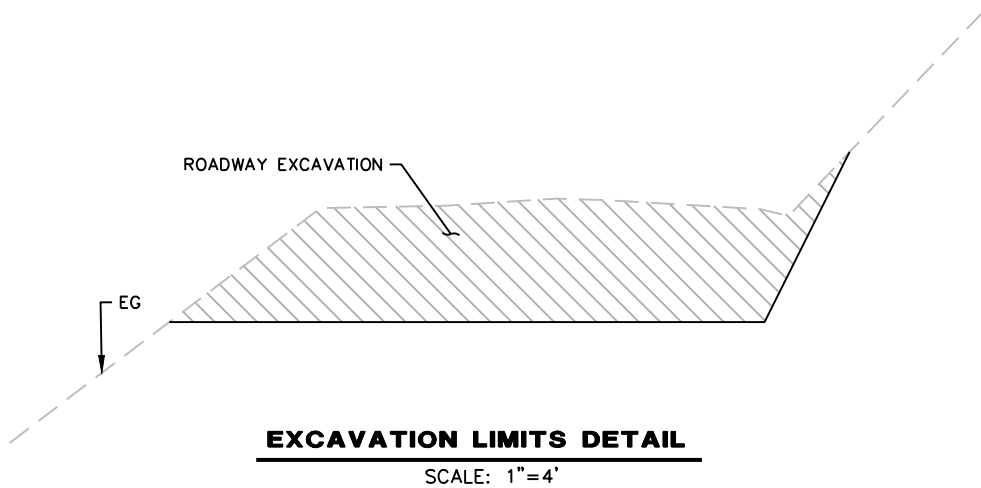


BAR IS ONE INCH ON ORIGINAL DRAWING IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	ROAD NAME: BELL SPRINGS ROAD		DESIGN SECTION	COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS BELL SPRINGS ROAD PM 4.96 STORM DAMAGE REPAIR TYPICAL SECTIONS AND DETAILS	SHEET 10 OF 14
	ROAD NO.: 8A010	MILE POST: 4.96	ENGINEERING		
	FEMA PROJECT NO.: ER-32LO(128)		DESIGNED BY: MMS		
	CONTRACT NO.: 217268		DRAWN BY: MMS		
	DRAWING FILE NAME: 217268_TOPO_DESIGN		REVIEWED BY: JAB		
	PLOT DATE: 2/26/2025		APPROVED BY: TRS		



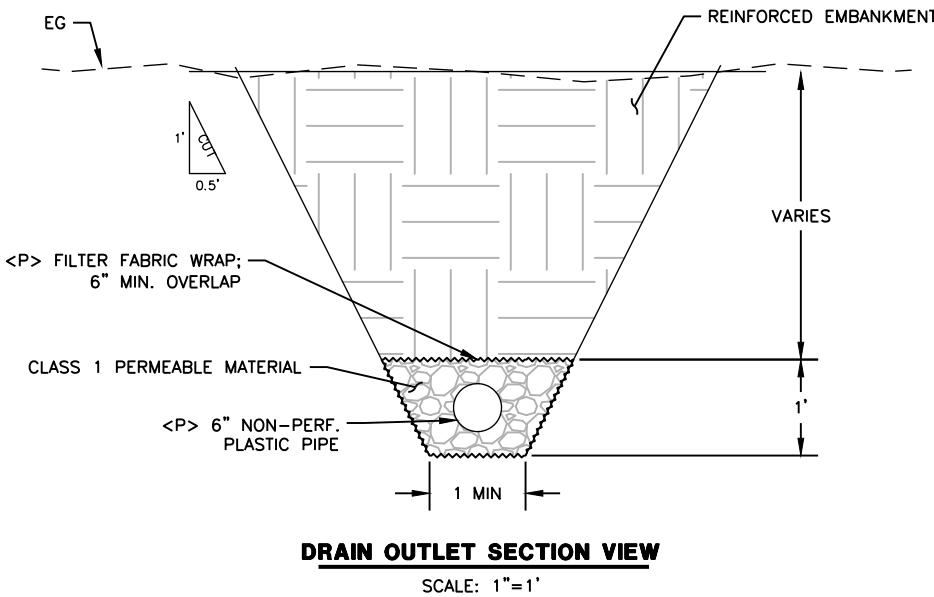
TYPICAL SECTION

SCALE: 1"=2'



6' OUTLET PIPE PROFILE VIEW

SCALE: 1"=2'±



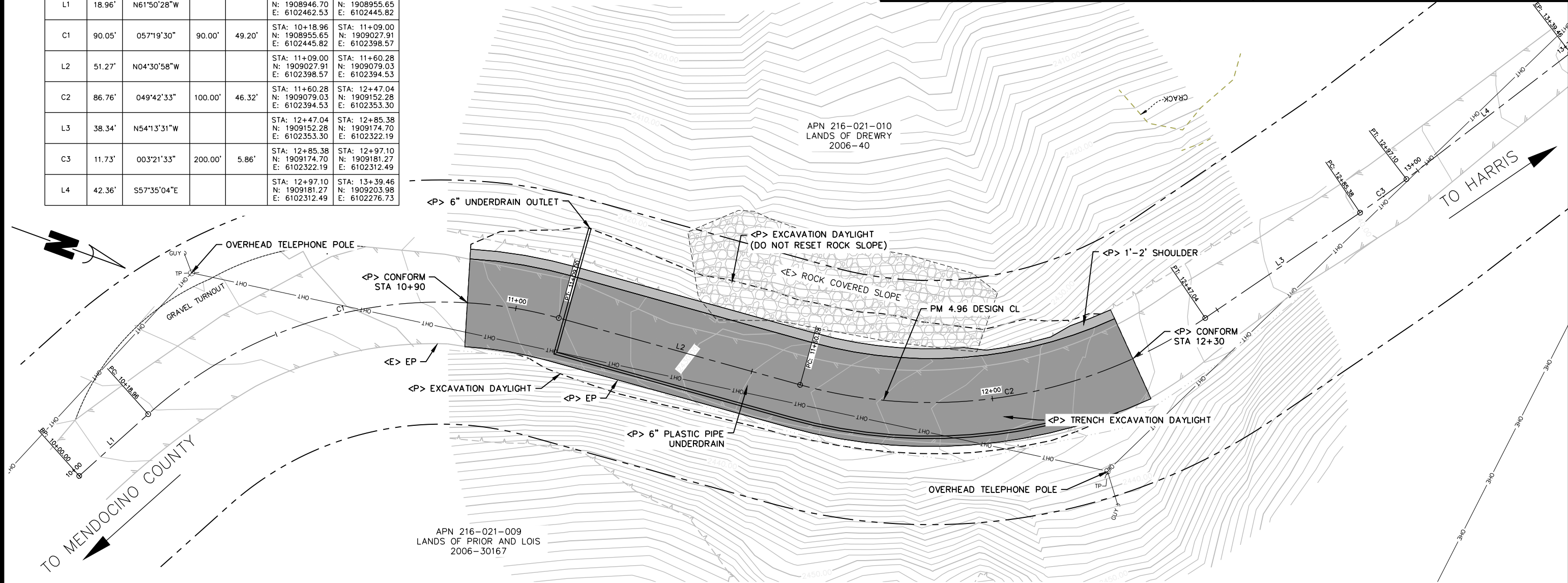
DRAIN OUTLET SECTION VIEW

SCALE: 1"=1'

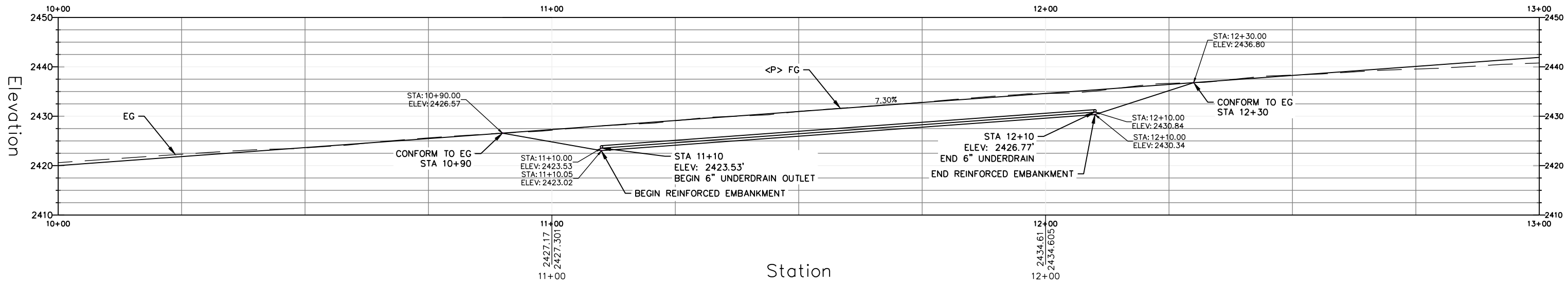
PM 4.96 ROAD CL ALIGNMENT						
SEGMENT	LENGTH	BEARING/DELTA	RADIUS	TANGENT	START	END
L1	18.96'	N61°50'28"W			STA: 10+00.00 N: 1908946.70 E: 6102462.53	STA: 10+18.96 N: 1908955.65 E: 6102445.82
C1	90.05'	057°19'30"	90.00'	49.20'	STA: 10+18.96 N: 1908955.65 E: 6102445.82	STA: 11+09.00 N: 1909027.91 E: 6102398.57
L2	51.27'	N04°30'58"W			STA: 11+09.00 N: 1909027.91 E: 6102398.57	STA: 11+60.28 N: 1909079.03 E: 6102394.53
C2	86.76'	049°42'33"	100.00'	46.32'	STA: 11+60.28 N: 1909079.03 E: 6102394.53	STA: 12+47.04 N: 1909152.28 E: 6102353.30
L3	38.34'	N54°13'31"W			STA: 12+47.04 N: 1909152.28 E: 6102353.30	STA: 12+85.38 N: 1909174.70 E: 6102322.19
C3	11.73'	003°21'33"	200.00'	5.86'	STA: 12+85.38 N: 1909174.70 E: 6102322.19	STA: 12+97.10 N: 1909181.27 E: 6102312.49
L4	42.36'	S57°35'04"E			STA: 12+97.10 N: 1909181.27 E: 6102312.49	STA: 13+39.46 N: 1909203.98 E: 6102276.73



BAR IS ONE INCH ON ORIGINAL DRAWING [REDACTED]	ROAD NAME: BELL SPRINGS ROAD		DESIGN SECTION		COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS BELL SPRINGS ROAD PM 4.96 STORM DAMAGE REPAIR PLAN AND PROFILE	SHEET 11 OF 14
	ROAD NO.: 8A010	MILE POST: 4.96	ENGINEERING			
	FEMA PROJECT NO.: ER-32LO(128)		DESIGNED BY: MMS			
	CONTRACT NO.: 217268		DRAWN BY: MMS			
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	DRAWING FILE NAME: 217268_TOPO_DESIGN		REVIEWED BY: JAB			
	PLOT DATE: 2/26/2025		APPROVED BY: TRS			



PLAN VIEW
SCALE: 1"=10'



PM 4.96 PROFILE VIEW
SCALE: 1"=10'



LEGEND

- SEED AND ROLLED
EROSION CONTROL
PRODUCT
- FR FIBER ROLL



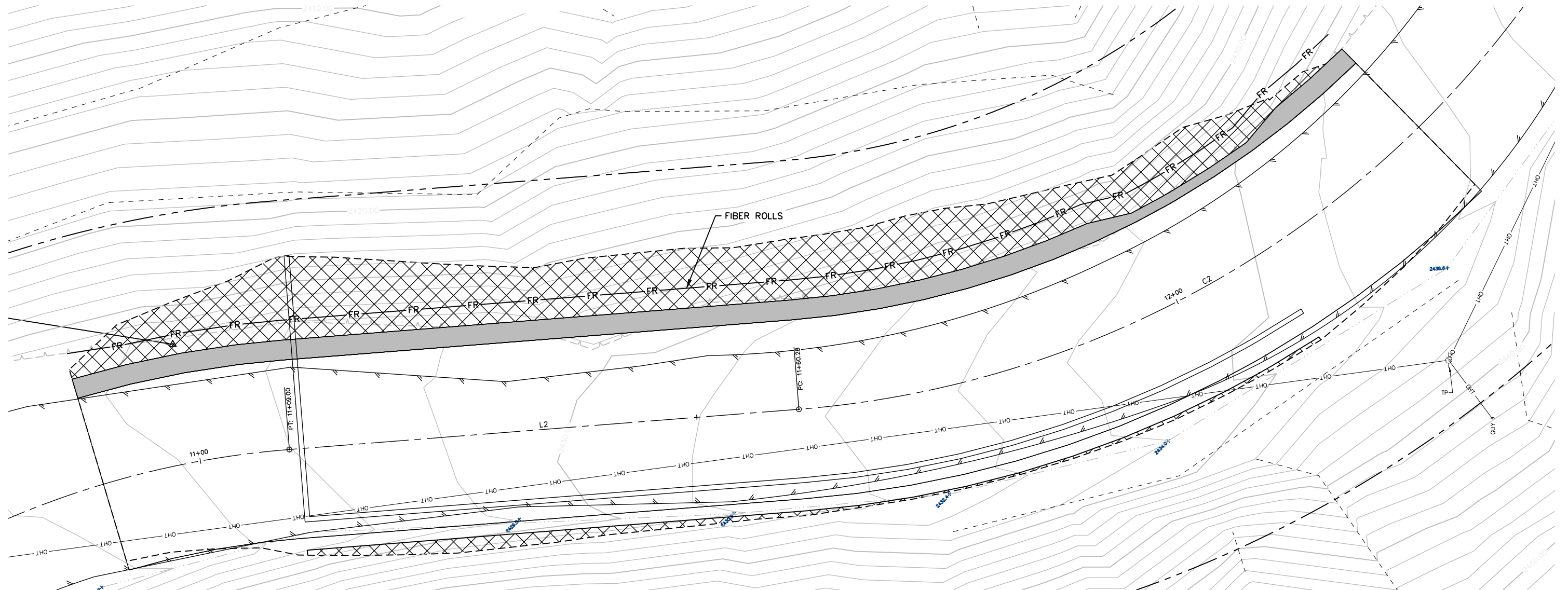
BAR IS ONE INCH ON
ORIGINAL DRAWING

IF NOT ONE INCH ON
THIS SHEET, ADJUST
SCALES ACCORDINGLY

ROAD NAME: BELL SPRINGS ROAD		DESIGN SECTION
ROAD NO.: 8A010	MILE POST: 4.96	ENGINEERING
FEMA PROJECT NO.: ER-32LO(128)		DESIGNED BY: MMS
CONTRACT NO.: 217268		DRAWN BY: MMS
DRAWING FILE NAME: 217268_TOPO_DESIGN		REVIEWED BY: JAB
PLOT DATE: 2/26/2025		APPROVED BY: TRS

COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS
BELL SPRINGS ROAD PM 4.96 STORM DAMAGE REPAIR
EROSION CONTROL

SHEET
12
OF
14

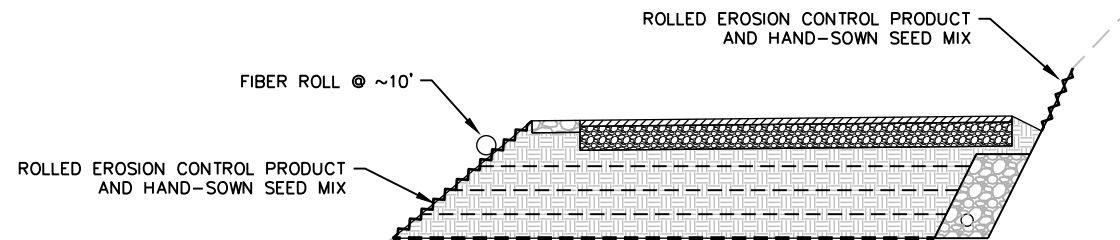


EROSION CONTROL PLAN VIEW

SCALE: 1"=5'

NOTES

- 1) USE TYPE 2 INSTALLATION FOR FIBER ROLLS

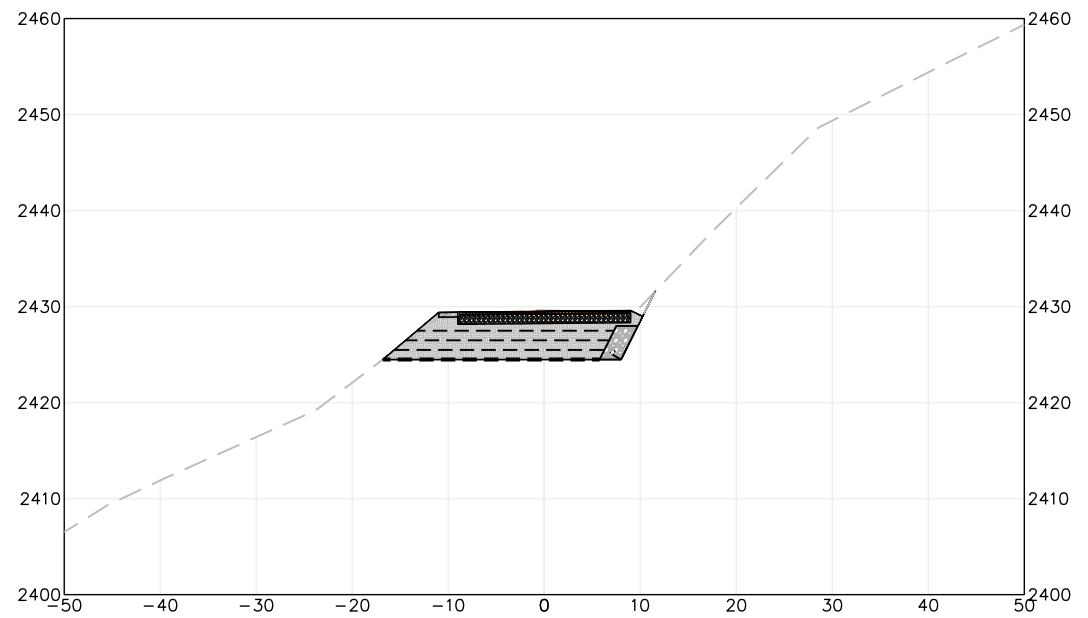
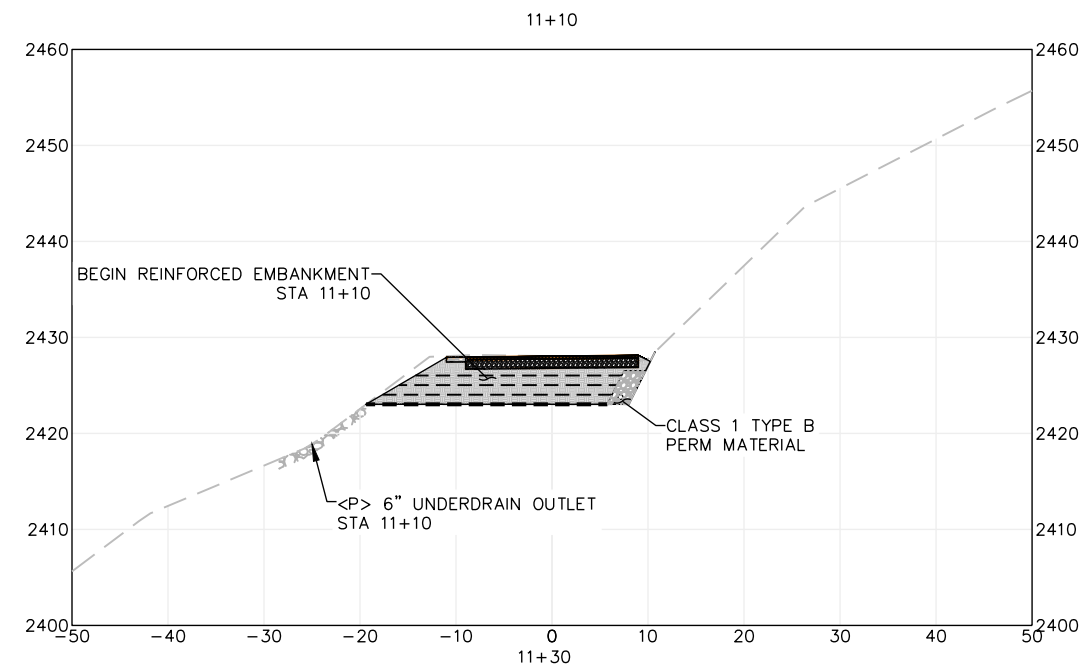
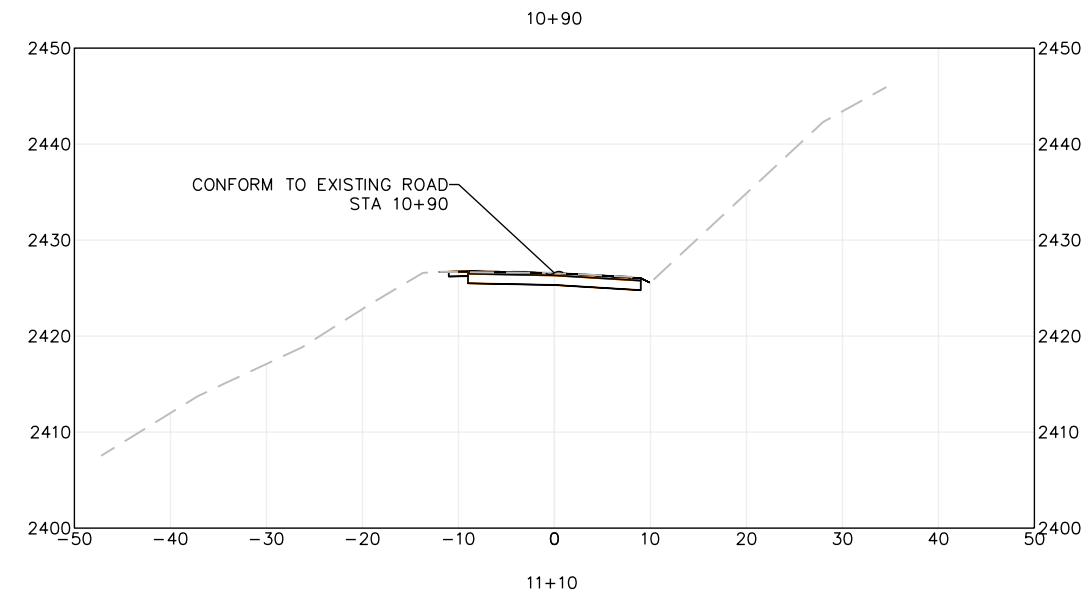


TYPICAL EROSION CONTROL SECTION

SCALE: 1"=4'

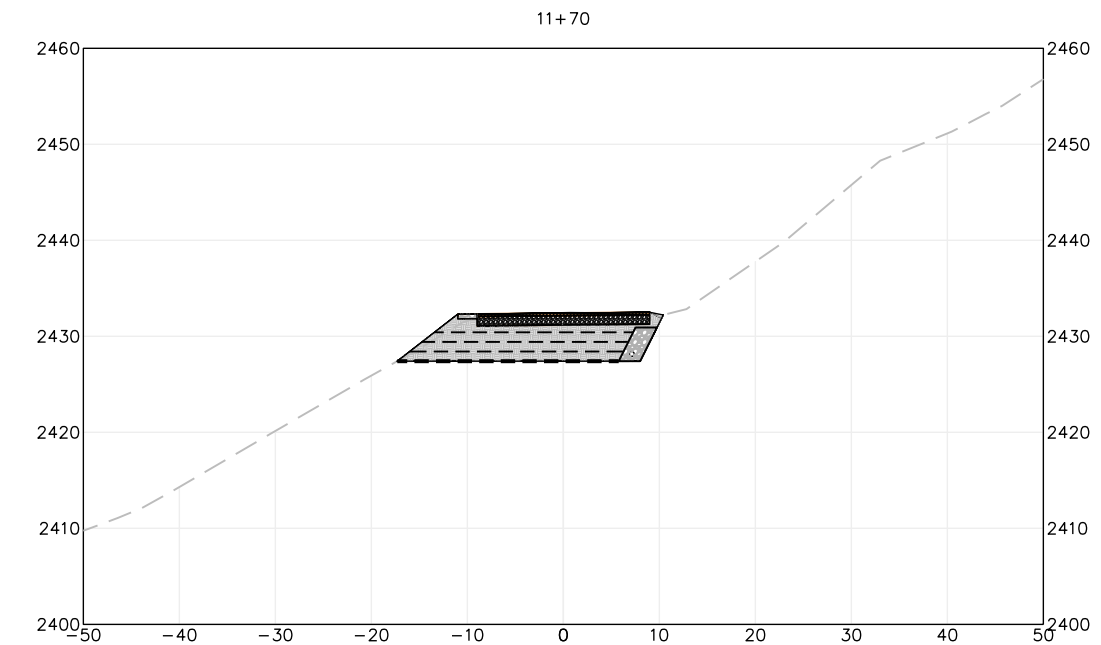
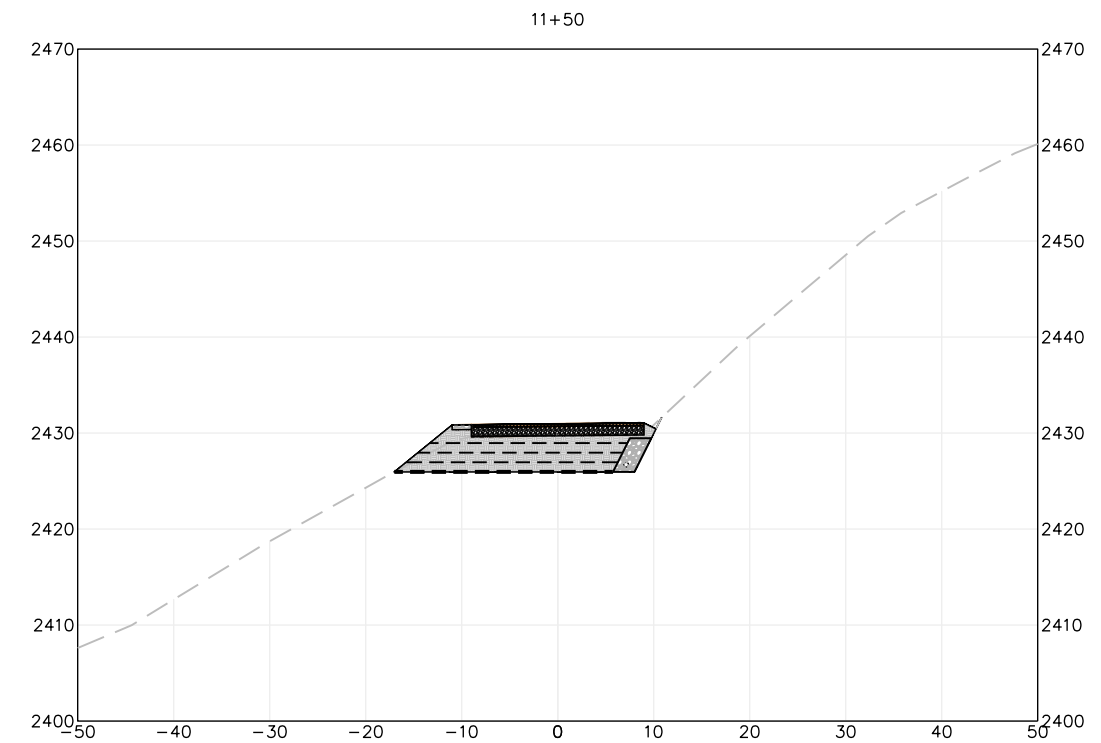


BAR IS ONE INCH ON ORIGINAL DRAWING IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	ROAD NAME: BELL SPRINGS ROAD		DESIGN SECTION	COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS BELL SPRINGS ROAD PM 4.96 STORM DAMAGE REPAIR SECTION VIEWS (STA 10+90 TO 11+70)	SHEET 13 OF 14
	ROAD NO.: 8A010	MILE POST: 4.96	ENGINEERING		
	FEMA PROJECT NO.: ER-32LO(128)		DESIGNED BY: MMS		
	CONTRACT NO.: 217268		DRAWN BY: MMS		
	DRAWING FILE NAME: 217268_TOPO_DESIGN		REVIEWED BY: JAB		
	PLOT DATE: 2/26/2025		APPROVED BY: TRS		



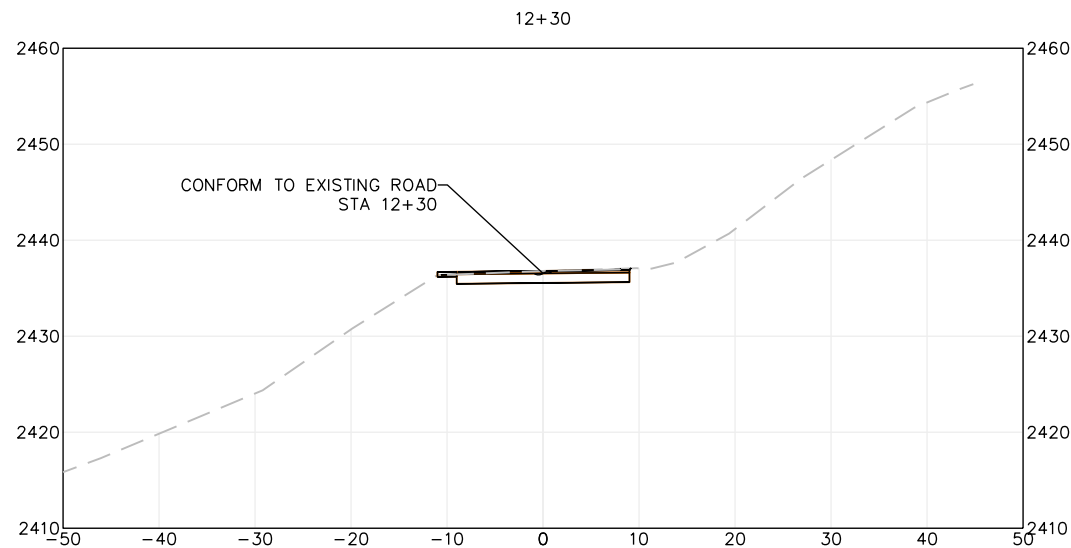
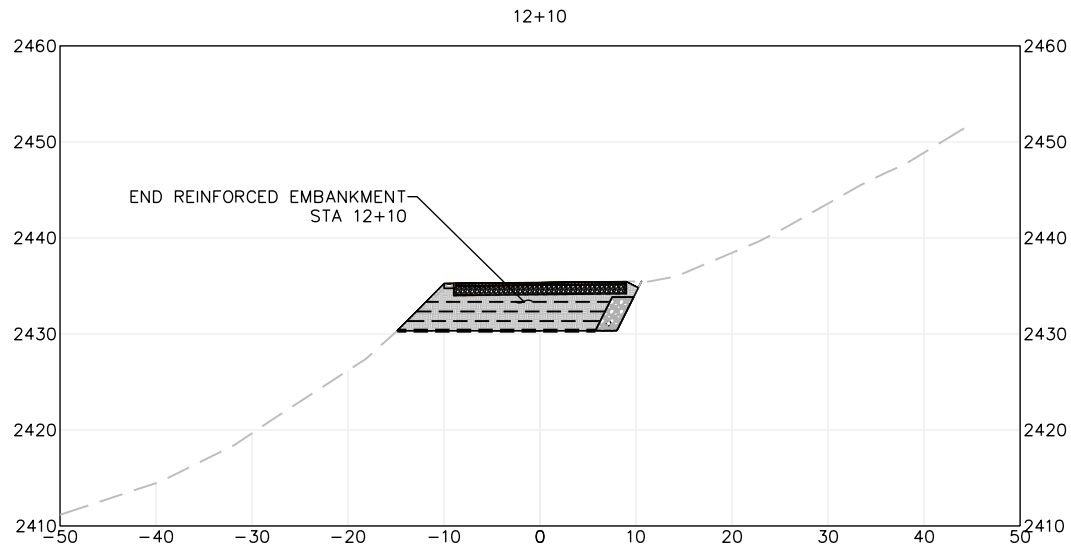
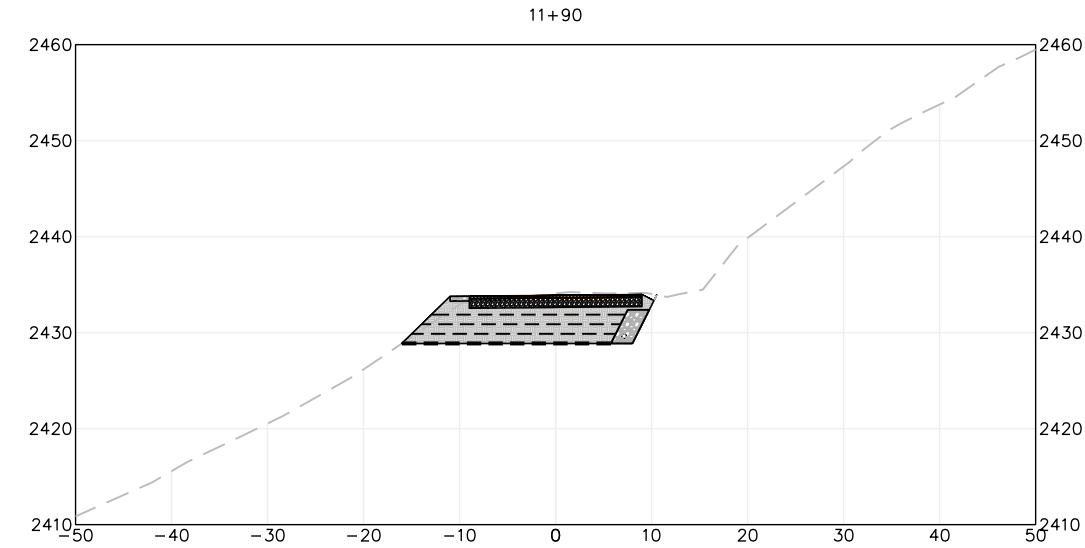
SECTION VIEWS

SCALE: 1"=10'





BAR IS ONE INCH ON ORIGINAL DRAWING <div></div> IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	ROAD NAME: BELL SPRINGS ROAD		DESIGN SECTION	COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS	SHEET 14 OF 14
	ROAD NO.: 8A010	MILE POST: 4.96	ENGINEERING		
	FEMA PROJECT NO.: ER-32LO(128)		DESIGNED BY: MMS	BELL SPRINGS ROAD PM 4.96 STORM DAMAGE REPAIR	
	CONTRACT NO.: 217268		DRAWN BY: MMS		
	DRAWING FILE NAME: 217268_TOPO_DESIGN		REVIEWED BY: JAB	CROSS SECTIONS (11+90 TO 12+30)	
PLOT DATE: 2/26/2025		APPROVED BY: TRS			



SECTION VIEWS

SCALE: 1"=10'