

FUNDING SOURCES



FEMA



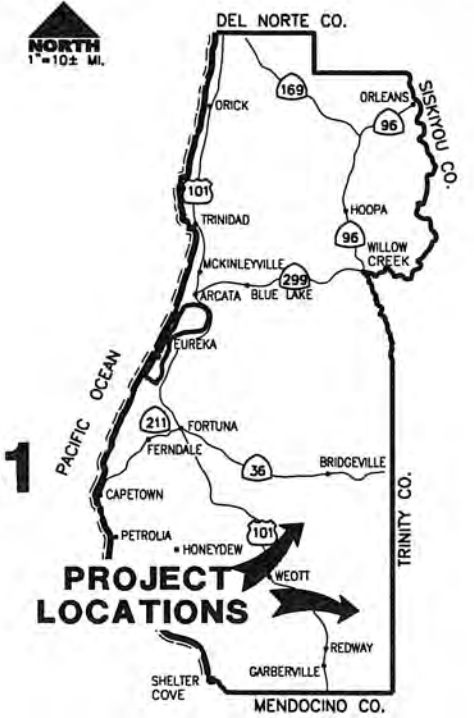
Cal OES
GOVERNOR'S OFFICE
OF EMERGENCY SERVICES

ROAD NAME: VARIOUS ROAD NO: VARIOUS PROJECT NO: VARIOUS CONTRACT NO: VARIOUS DRAWING FILE NAME: 217XXX DLRd FSRd CDSN001 PLOT DATE: 06/10/2022	MILE POST: VARIOUS DESIGNED BY: JAB DRAWN BY: RMD REVIEWED BY: JAB APPROVED BY: TRS	DESIGN SECTION: ENGINEERING	COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS	SHEET 1
			2017 STORM DAMAGE REPAIRS	OF 32
			COVER SHEET, SHEET INDEX AND MAPS	

**COUNTY OF HUMBOLDT
DEPARTMENT OF PUBLIC WORKS**

**PROJECT PLANS FOR CONSTRUCTION OF
STORM DAMAGE REPAIRS
DYERVILLE LOOP RD (6D100) PM 1.10, 1.20, 1.64, 2.03 - 2.19
FORT SEWARD RD (C7C010) PM 5.45**

**PROJECT NO. FEMA-4308-DR-CA PW894 & PW1323
CONTRACT NO. 217362, 217363, 217543, 217378, 217331**



LOCATION MAP
SCALE: 1"=10± MILE



RECOMMENDED

Jeffrey A. Ball 6-10-22
JEFFREY A. BALL
RCE 70631, EXP. 6/30/2023 DATE



APPROVED

Tony R. Seghetti 6/10/22
TONY R. SEGHETTI
RCE 63714, EXP. 9/30/2022 DATE



SITE SUMMARY			
SITE	PROJECT NO.	FEMA PROJECT WORKSHEET	COORDINATES (LAT./LONG.)
DLRd PM 1.10	217362	PW#894	(40.3392, -123.9141)
DLRd PM 1.20	217363	PW#894	(40.3388, -123.9137)
DLRd PM 1.64	217543	PW#894	(40.3374, -123.9102)
DLRd PM 2.03	217378	PW#894	(40.3353, -123.9061)
DLRd PM 2.10	217378	PW#894	(40.3355, -123.9047)
FSRd PM 5.45	217331	PW#1323	(40.2176, -123.6437)

INDEX OF SHEETS

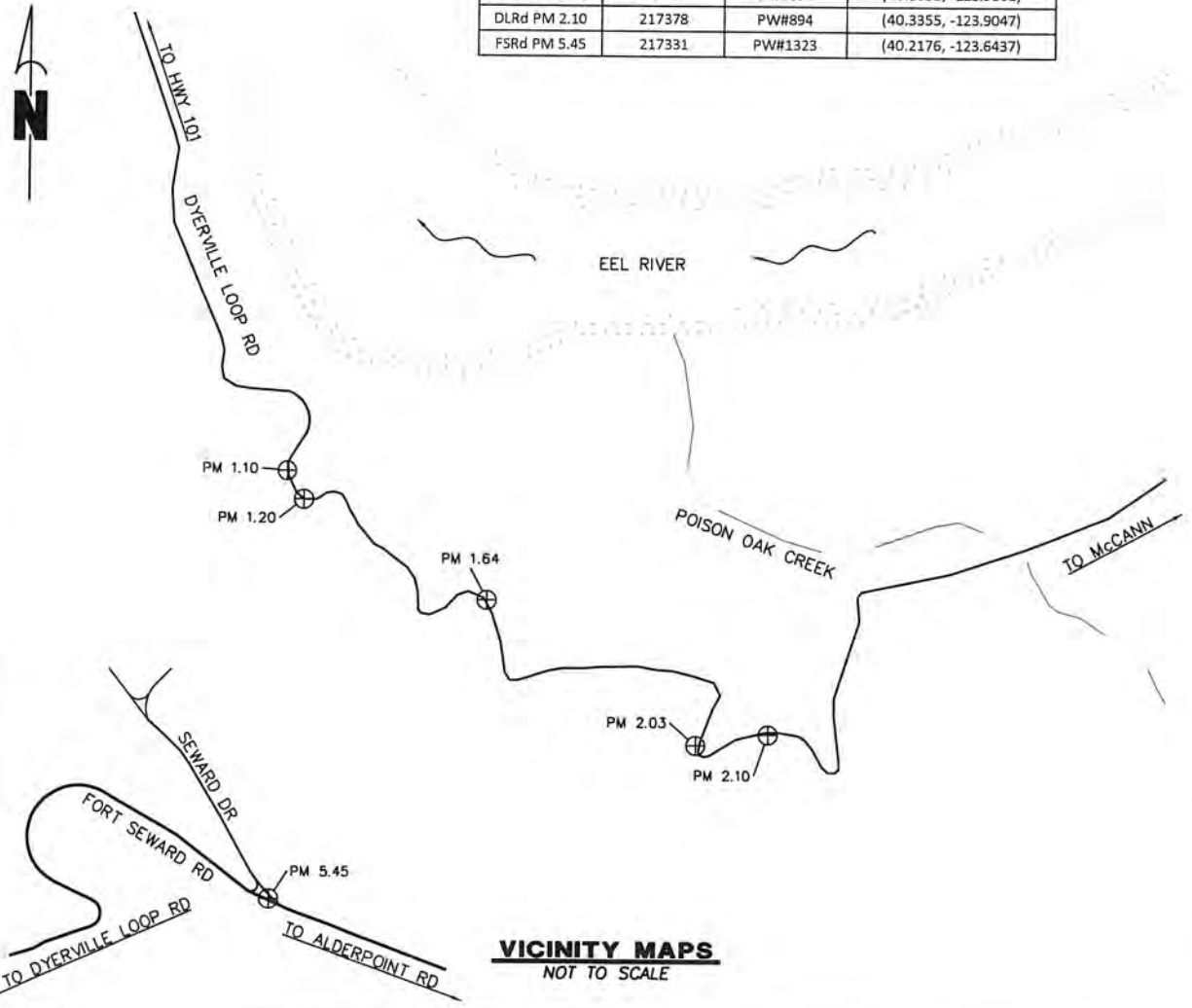
- COVER SHEET, SHEET INDEX AND MAPS
- CONSTRUCTION AREA SIGNS, STAGING & STOCKPILE LOCATIONS AND QUANTITIES
- DYERVILLE LOOP ROAD TYPICAL SECTIONS AND DETAILS
- PM 1.10 - SURVEY CONTROL
- PM 1.10 - PLAN AND PROFILE
- PM 1.10 - EROSION CONTROL PLAN
- PM 1.10 - SECTION VIEWS
- PM 1.20 - SURVEY CONTROL
- PM 1.20 - PLAN AND PROFILE
- PM 1.20 - EROSION CONTROL PLAN
- PM 1.20 - SECTION VIEWS
- PM 1.64 - SURVEY CONTROL
- PM 1.64 - TYPICAL SECTIONS
- PM 1.64 - PLAN AND PROFILE
- PM 1.64 - EROSION CONTROL AND RE-VEGETATION PLAN
- PM 1.64 - SECTION VIEWS
- PM 1.64 - SECTION VIEWS
- PM 1.64 - SECTION VIEWS
- PM 2.03 - SURVEY CONTROL
- PM 2.03 - PLAN AND PROFILE
- PM 2.03 - EROSION CONTROL PLAN
- PM 2.03 - SECTION VIEWS
- PM 2.10 - SURVEY CONTROL
- PM 2.10 - PLAN AND PROFILE
- PM 2.10 - CULVERT AND DOWNDRAIN DETAIL
- PM 2.10 - EROSION CONTROL PLAN
- PM 2.10 - SECTION VIEWS
- FORT SEWARD RD PM 5.45
- SURVEY CONTROL
- TYPICAL SECTIONS AND CULVERT DETAILS
- PLAN AND PROFILE
- EROSION CONTROL PLAN
- SECTION VIEWS

NOTES

- THE CONTRACTOR SHALL HAVE A CLASS "A" LICENSE FOR THIS PROJECT.
- CALTRANS STANDARD PLANS ARE LISTED IN SPECIAL PROVISIONS.
- PROJECT PLANS AND SPECIAL PROVISIONS TO BE SUPPLEMENTED BY STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION'S STANDARD PLANS, STANDARD SPECIFICATIONS AND THE LATEST REVISED 2018 STANDARD SPECIFICATIONS

DESIGN DESIGNATION

DLRd	FSRd
ADT=446	ADT=40
V=30MPH	V=25MPH



VICINITY MAPS
NOT TO SCALE

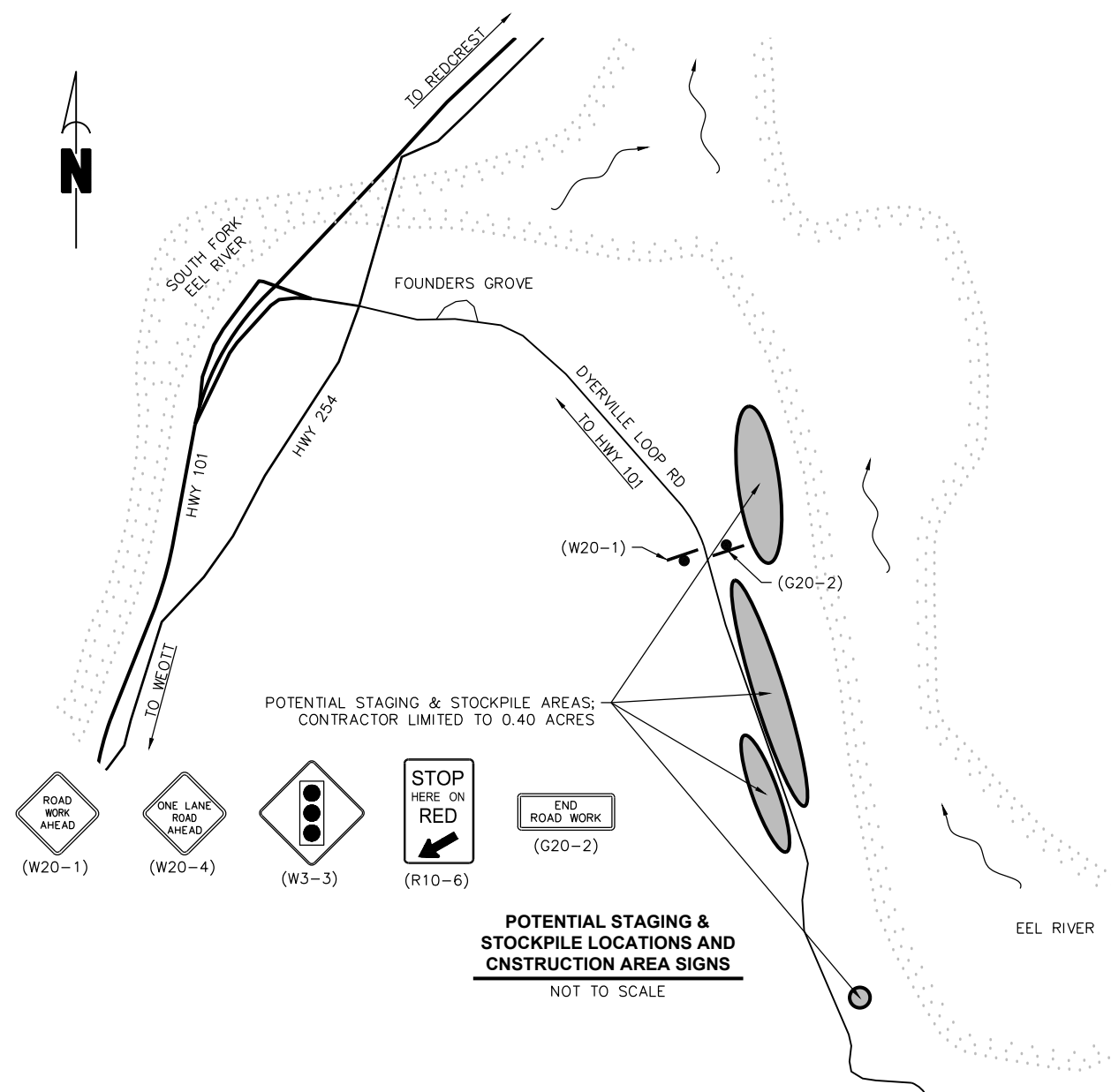
ORIGINAL LOW BID PRICE	CONSTRUCTED BY PROJECT COMPLETED	RESIDENT ENGINEER CONSTRUCTION COST \$
------------------------	----------------------------------	--



ROAD NAME: VARIOUS	DESIGN SECTION: ENGINEERING
ROAD NO.: VARIOUS	MILE POST: VARIOUS
PROJECT NO.: VARIOUS	DESIGNED BY: JAB
CONTRACT NO.: VARIOUS	DRAWN BY: RMD
DRAWING FILE NAME: 217XXX DLRd FSRd CDSN001	REVIEWED BY: JAB
PLOT DATE: 06/10/2022	REVISION DATE:
	APPROVED BY: TRS

COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS 2017 STORM DAMAGE REPAIRS CONSTRUCTION AREA SIGNS, STAGING & STOCKPILE LOCATIONS AND QUANTITIES
--

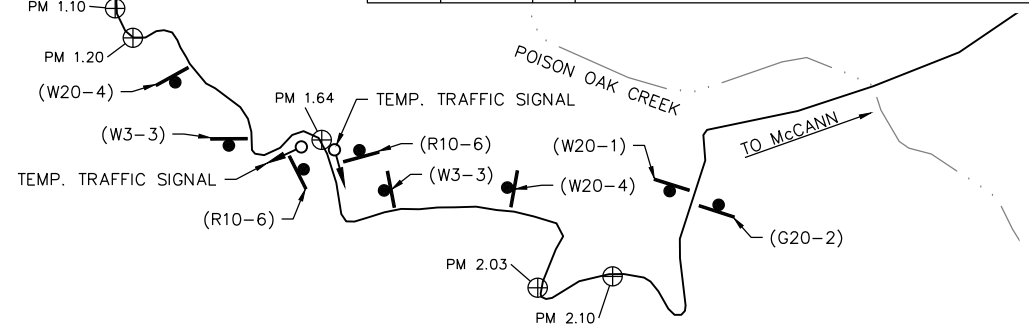
SHEET
2
OF
32



QUANTITIES									
ITEM NO.	ITEM CODE	ITEM DESCRIPTION	UNIT	PM 1.10	PM 1.20	PM 1.64	PM 2.03-2.19	PM 5.45	Total
1	120090	Construction Area Signs	EA	0	0	10	0	4	14
2	120100	Traffic Control System	LS	0.10	0.10	0.40	0.20	0.20	1
3	120206	Portable Signal System (EA)	EA	0	0	1	0	0	1
4	129000	Temporary Railing (Type K)	LF	0	0	140	0	0	140
5	129100	Temporary Crash Cushion Module	EA	0	0	12	0	0	12
6	130100	Job Site Management	LS	0.10	0.10	0.40	0.20	0.20	1
7	130200	Prepare Water Pollution Control Program	LS	0.10	0.10	0.40	0.20	0.20	1
8	130610	Temporary Check Dam	LF	0	0	10	0	0	10
9	130680	Temporary Silt Fence	LF	25	25	182	55	0	287
10	170103	Clearing and Grubbing (LS)	LS	0.10	0.10	0.40	0.20	0.20	1
11	190101	Roadway Excavation	CY	22	23	361	43	41	490
12	192001	F Structure Excavation	CY	164	146	504	401	660	1,875
13	193001	F Structure Backfill	CY	60	46	0	111	80	297
14	198050	Embankment	CY	105	92	272	178	411	1,058
15	210212	Dry Seed (SQFT)	SQFT	421	428	1,578	1,505	518	4,450
16	210280	Rolled Erosion Control Product (Blanket)	SQFT	0	0	791	330	0	1,121
17	210350	Fiber Rolls	LF	0	0	151	0	0	151
18	210420	Straw	SQFT	421	428	787	1,175	518	3,329
19	260203	Class 2 Aggregate Base (CY)	CY	39	37	109	82	63	330
20	390132	Hot Mix Asphalt (Type A)	TON	20	20	72	40	43	195
21	394073	Hot Mix Asphalt Dike Type A	LF	0	0	216	0	0	216
22	641107	18" Plastic Pipe	LF	43	48	0	0	0	91
23	641108	18" Plastic Pipe (Heat Fused HDPE)	LF	0	0	0	71	0	71
24	665048	48" Corrugated Steel Pipe (.138" Thick)	LF	0	0	0	0	92	92
25	665056	60" Corrugated Steel Pipe (.138" Thick)	LF	0	0	0	60	0	60
26	680902	6" Perforated Plastic Pipe Underdrain	LF	0	0	70	0	0	70
27	680903	6" Non-Perforated Plastic Pipe Underdrain	LF	0	0	29	0	0	29
28	682022	F Class 1 Permeable Material (Type B)	CY	0	0	14	0	0	14
29	692381	Concrete Anchor and Cable Assembly	EA	0	0	0	1	0	1
30	700639	36" Corrugated Steel Pipe Inlet (.109 Thick)	LF	0	0	0	4	0	4
31	710132	Remove Culvert	LF	48	52	0	132	92	324
32	710138	Remove Downdrain (EA)	EA	0	0	0	1	0	1
33	722020	F Gabions	CY	0	0	186	0	0	186
34	723053	Rock Slope Protection (1/4 T, Class V, Method A) (CY)	CY	1	1	184	7	108	301
35	729011	Rock Slope Protection Fabric (Class 8)	SQYD	1	1	543	11	108	664
36	960102	Filter Fabric (Class A)	SQYD	0	0	58	0	0	58
37	999990	Mobilization	LS	0.10	0.10	0.40	0.20	0.20	1

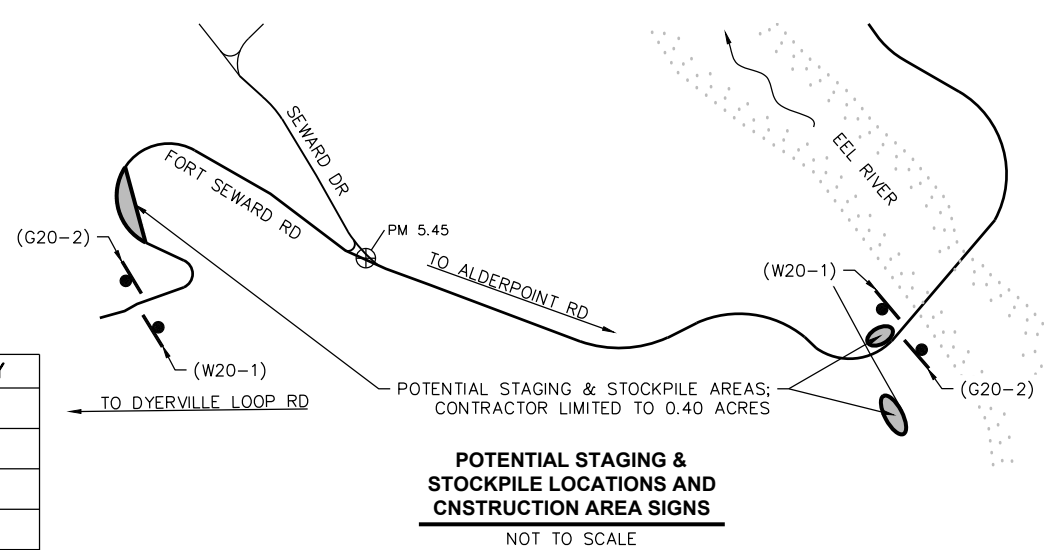
- STOCKPILE NOTES- STD PLAN T53**
- MANAGE MATERIAL STOCKPILE PER SECTION 13-4.03(C) OF CALTRANS STANDARD SPECIFICATIONS
 - IF STOCKPILE AREA IS IN A TURNOUT, THE TURNOUT SHALL BE REESTABLISHED TO PRE-CONSTRUCTION CONDITIONS.
 - STOCKPILE LOCATION SHOWN HAS BEEN APPROVED BY PUBLIC WORKS AS DETAILED IN THE ENVIRONMENTAL REPORT. ALTERNATIVE SITES MAY BE APPROVED THROUGH PUBLIC WORKS IN WRITING.

- CONSTRUCTION SIGN NOTES**
- SIGNS SHALL BE PLACED AS SHOWN ON PLAN OR AS DIRECTED BY THE ENGINEER.
 - FINAL PLACEMENT OF SIGNS SHALL BE APPROVED BY RESIDENT ENGINEER.
 - ADDITIONAL PORTABLE SIGNS SHALL BE USED AS REQUIRED FOR OTHER ROADSIDE WORK.
 - SEE STANDARD PLAN T13 FOR TRAFFIC CONTROL SYSTEM.
 - IN ADDITION TO CONSTRUCTION AREA SIGNS AND WHEN DIRECTED BY THE RESIDENT ENGINEER, THE CONTRACTOR SHALL UTILIZE FLAGMEN AS NECESSARY TO DIRECT TRAFFIC.
 - PLACE SIGNS APPROXIMATELY 500 FEET APART
 - DISTANCE TO W20-1 AND G20-2 MAY BE EXTENDED TO ENCOMPASS SITES WITHIN ONE MILE OF EACH OTHER.
 - WHEN THROUGH TRAFFIC IS ALLOWED, KEEP A MINIMUM OF 1 TRAFFIC LANE AT LEAST 10 FEET WIDE OPEN FOR TRAFFIC, EXCEPT THE FULL WIDTH OF THE TRAVELED WAY (18' MINIMUM) MUST BE OPEN WHEN CONSTRUCTION OPERATIONS ARE NOT ACTIVE OR AN APPROVED TRAFFIC CONTROL PLAN IS IN PLACE.
 - CONTRACTOR MUST PROVIDE A MINIMUM OF 14 DAYS NOTICE FOR ROAD CLOSURES LONGER THAN 30 MINUTES TO THE ENGINEER.



CONSTRUCTION AREA SIGN SUMMARY

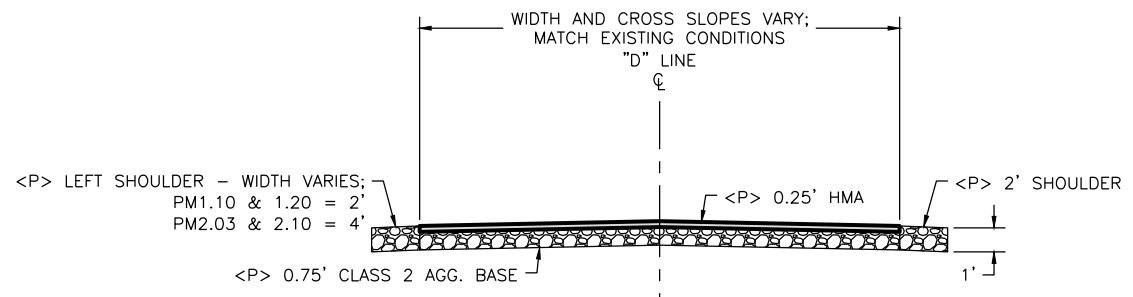
SIGN CODE	QTY	SIGN MESSAGE	PANEL SIZE	POST SIZE & QTY
W20-1	4	ROAD WORK AHEAD	36" x 36"	4" x 4" (1)
W20-4	2	ONE LANE ROAD AHEAD	36" x 36"	4" x 4" (1)
W3-3	2	SIGNAL WARNING	30" x 30"	4" x 4" (1)
R10-6	2	STOP HERE ON RED	24" x 36"	4" x 4" (1)
G20-2	4	END ROAD WORK	36" x 18"	4" x 4" (1)





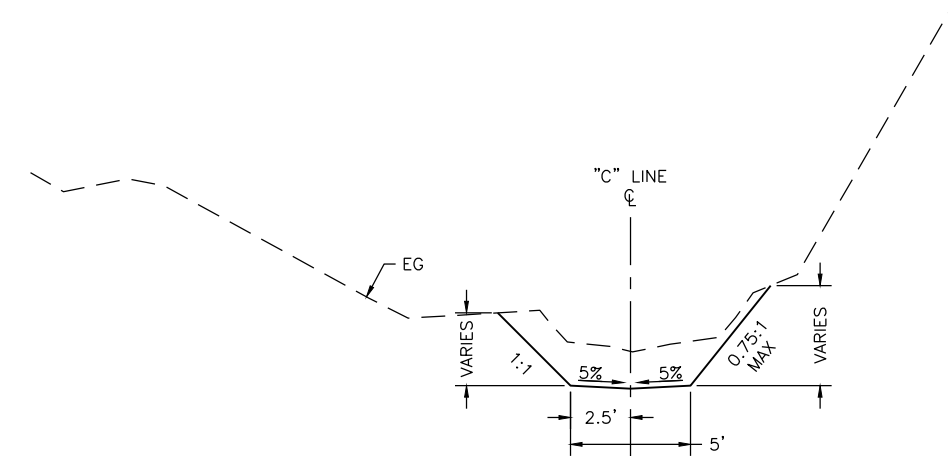
BAR IS ONE INCH ON ORIGINAL DRAWING IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	ROAD NAME: DYERVILLE LOOP ROAD	DESIGN SECTION	COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS STORM DAMAGE REPAIR TO DYERVILLE LOOP ROAD TYPICAL SECTIONS AND DETAILS	SHEET 3 OF 32	
	ROAD NO.: 6D100	MILE POST: VARIOUS			ENGINEERING
	PROJECT NO.: FEMA-4308-DR-CA PW-00894(0)				DESIGNED BY: JAB
	CONTRACT NO.: VARIOUS				DRAWN BY: RMD
	DRAWING FILE NAME: 217362 CDSN110	REVIEWED BY: JAB			
	PLOT DATE: 06/10/2022	REVISION DATE:	APPROVED BY: TRS		

- NOTES:**
- UNDERGROUND UTILITIES EXIST IN PROJECT VICINITY. CONTACT USA PRIOR TO ANY AND ALL EXCAVATION.
 - EXCAVATION AND BACKFILL PER CALTRANS STD. PLAN A62F
 - EXCAVATION BELOW PIPE AND 80% RELATIVE COMPACTION REQUIREMENTS FOR PLASTIC PIPES ONLY
 - EXCAVATION WIDTH AND DEPTH VARIES PER SITE BASED ON EXISTING CULVERT
 - BACKFILL WIDTH AND DEPTH VARIES PER SITE BASED ON EXCAVATION



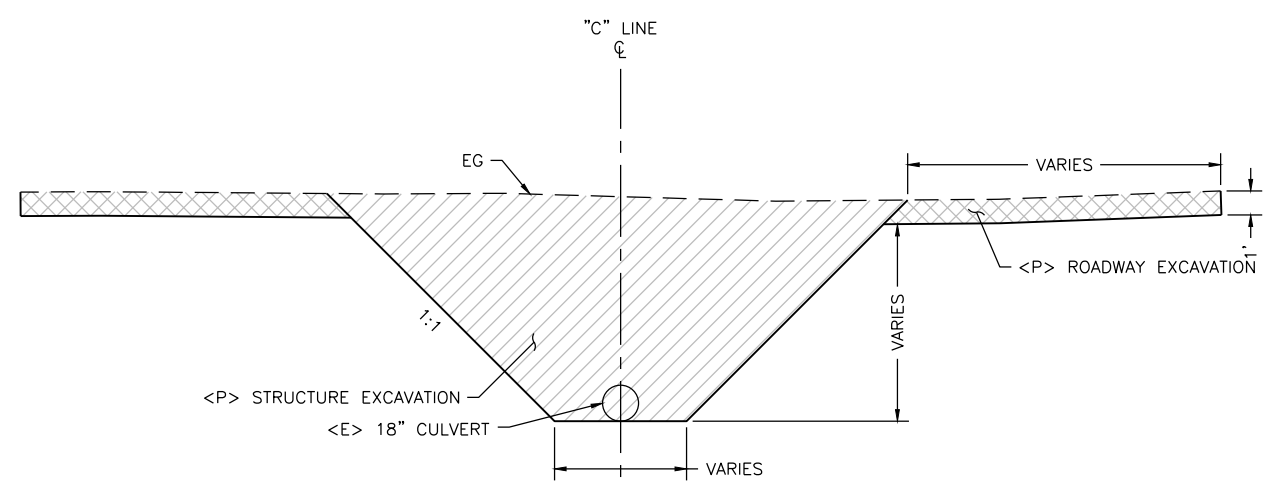
TYPICAL ROADWAY SECTION

SCALE: 1"=4'



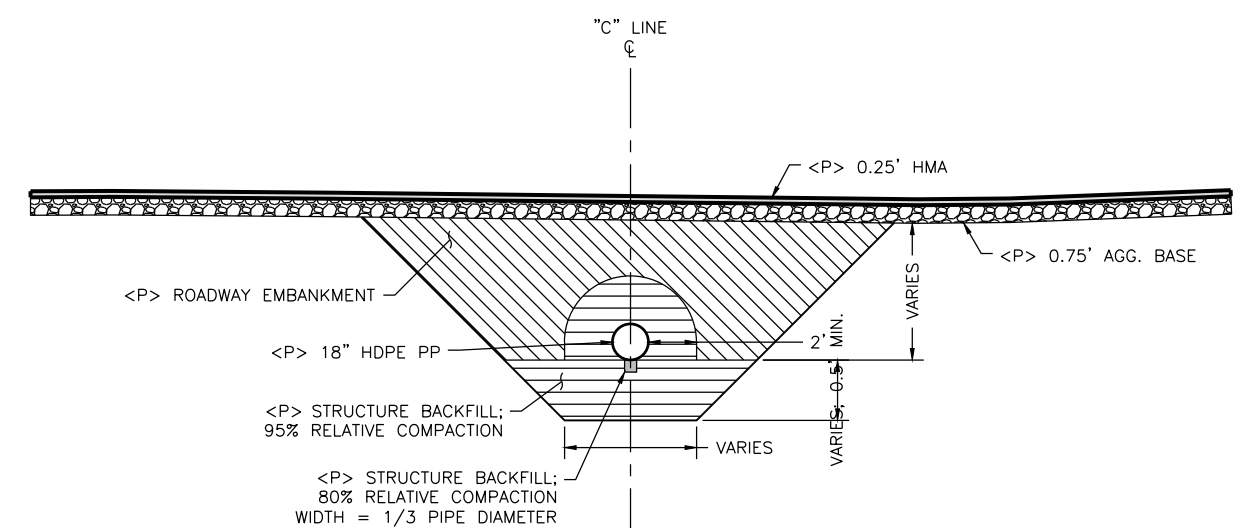
TYPICAL CHANNEL EXCAVATION SECTION

SCALE: 1"=4'



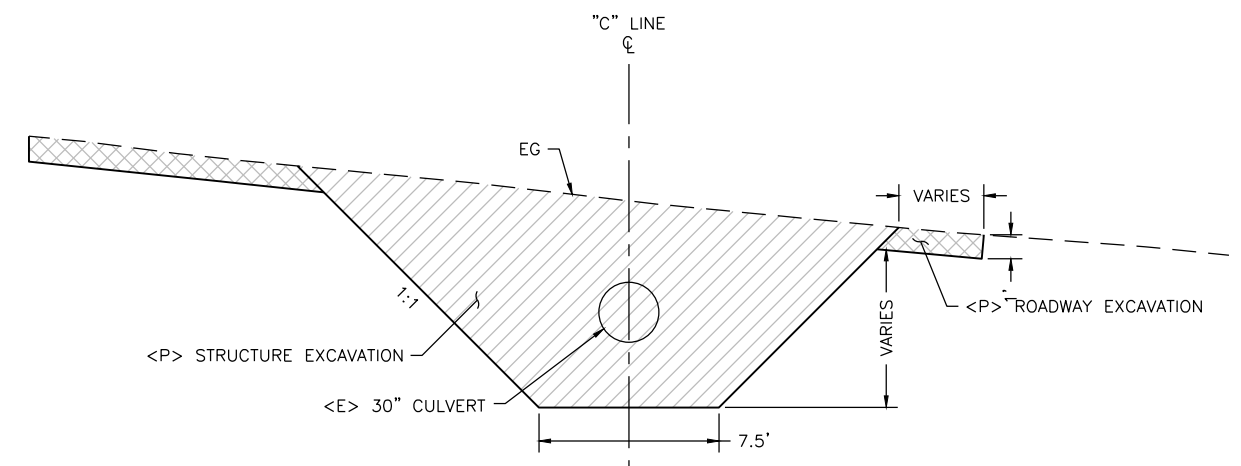
TYPICAL EXCAVATION SECTION

SCALE: 1"=4'



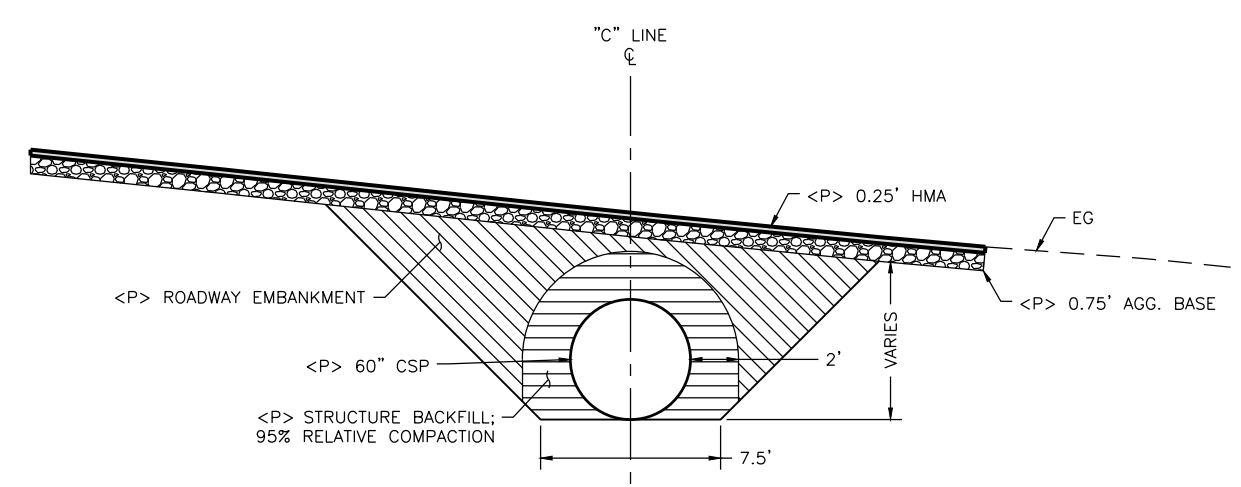
TYPICAL BACKFILL SECTION

SCALE: 1"=4'



PM 2.03 TYPICAL EXCAVATION SECTION

SCALE: 1"=4'

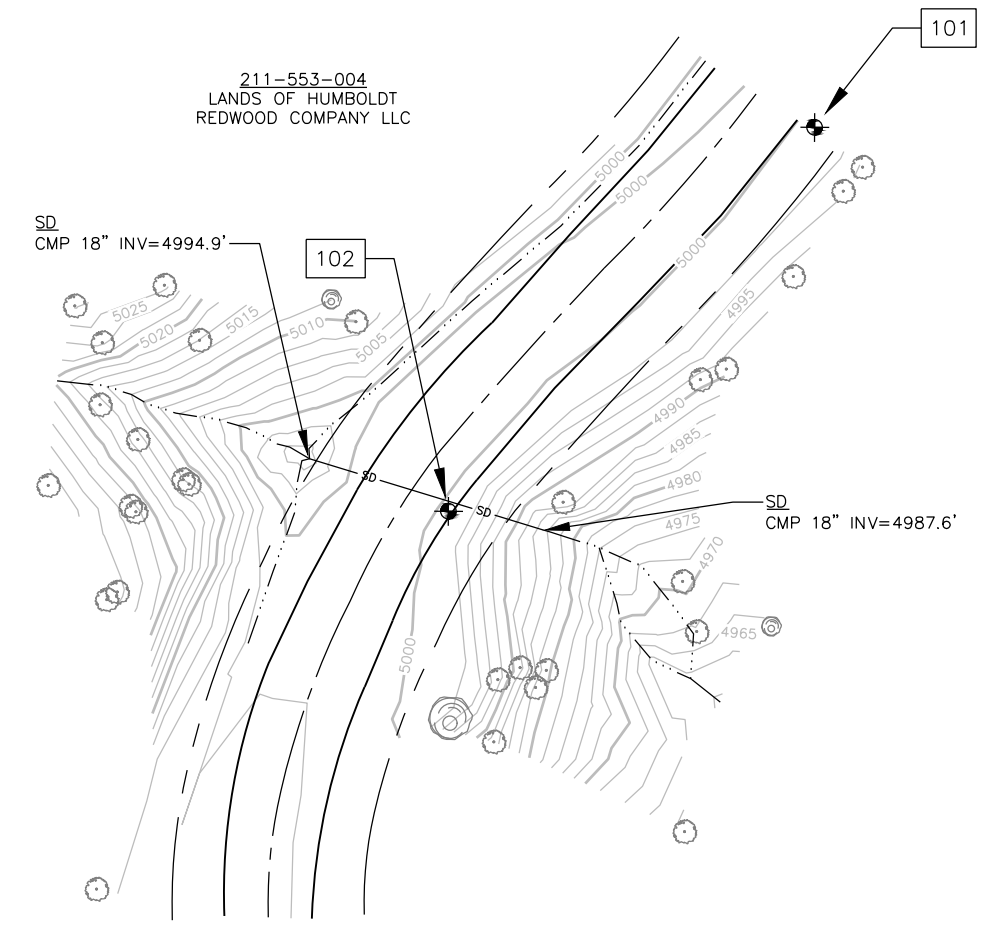


PM 2.03 TYPICAL BACKFILL SECTION

SCALE: 1"=4'



BAR IS ONE INCH ON ORIGINAL DRAWING IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	ROAD NAME: DYERVILLE LOOP ROAD	DESIGN SECTION: ENGINEERING	COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS	SHEET 4 OF 32	
	ROAD NO.: 6D100	MILE POST: 1.10			PROJECT NO.: FEMA-4308-DR-CA PW-00894(0)
	CONTRACT NO.: 217362	DESIGNED BY: JAB	DRAWN BY: RMD		STORM DAMAGE REPAIR TO DYERVILLE LOOP ROAD PM 1.10 - SURVEY CONTROL
	DRAWING FILE NAME: 217362_CDSN110	REVIEWED BY: JAB	APPROVED BY: TRS		
	PLOT DATE: 06/10/2022	REVISION DATE:			



BASIS OF BEARINGS NOTE

THE BEARINGS ARE BASED ON TIES BETWEEN THE CONTROL POINT #102 AND CONTROL POINT #103 WITH A COMPASS BEARING OF S10°00'00"W. COORDINATE SYSTEM IS ASSUMED WITH CONTROL POINT #102 BEING 5,000 NORTHING AND 10,000 EASTING.

ELEVATION NOTE

ELEVATIONS ARE BASED UPON THE ASSUMED ELEVATION OF CONTROL POINT #102 BEING 5000.00'.

RIGHT OF WAY NOTE

THE RIGHT OF WAY FOR THIS PROJECT IS 40', 20' EACH SIDE OF CENTERLINE, BASED UPON THE FOLLOWING DEED: 119OR500

SURVEY NOTE

1. THE PURPOSE OF THIS SURVEY IS TO DETERMINE TOPOGRAPHY FOR A CULVERT REPLACEMENT.
2. UNDERGROUND UTILITIES RESEARCH WAS NOT PERFORMED. ONLY VISIBLE UTILITIES WERE TIED AT THE TIME OF THIS SURVEY.
3. THERE MAY BE SYMBOLS SHOWN IN THE LEGEND THAT ARE NOT USED IN THIS SURVEY.

LINE LEGEND

- ROAD CENTERLINE
- - - - RIGHT OF WAY
- FLOW LINE
- EDGE OF PAVEMENT

Point #	Raw Description	Northing	Easting	Elevation
101	CP/GINSPIKE&TAGHUMCOSURVEY	5079.98	10076.30	4999.66
102	CP/GINSPIKE&TAGHUMCOSURVEY	5000.00	10000.00	5000.00
103	CP/GINSPIKE&TAGHUMCOSURVEY	4836.62	9971.19	5005.75
104	CP/GINSPIKE&TAGHUMCOSURVEY	4757.02	10086.14	5016.06
105	CP/GINSPIKE&TAGHUMCOSURVEY	4840.36	10196.04	5035.93

Symbol	Description	Symbol	Description	Symbol	Description
⊙	BOLLARD	Ⓜ	MAILBOX	Ⓢ	STORM DRAIN MANHOLE
ⓔ	ELECTRIC MANHOLE	Ⓟ	PUSH BUTTON PEDESTRIAN POST	Ⓢ	STUMP
Ⓢ	FIRE HYDRANT	Ⓢ	RISER	Ⓢ	TREE
●	FOUND MONUMENT	Ⓢ	SANITARY SEWER CLEANOUT	Ⓢ	UNDERGROUND VAULT
Ⓢ	GAS VALVE	Ⓢ	SANITARY SEWER MANHOLE	Ⓢ	UNDERGROUND LARGE VAULT
←	GUY	Ⓢ	CONTROL POINT	Ⓢ	JOINT USE UTILITY POLE
Ⓢ	GUY POLE	Ⓢ	SIGN	Ⓢ	WATER METER
Ⓢ	LID- UTILITY-TYPE IN POINT CODE	Ⓢ	SIGNAL POLE	Ⓢ	WATER VALVE
Ⓢ	LUMINAIRE POLE				



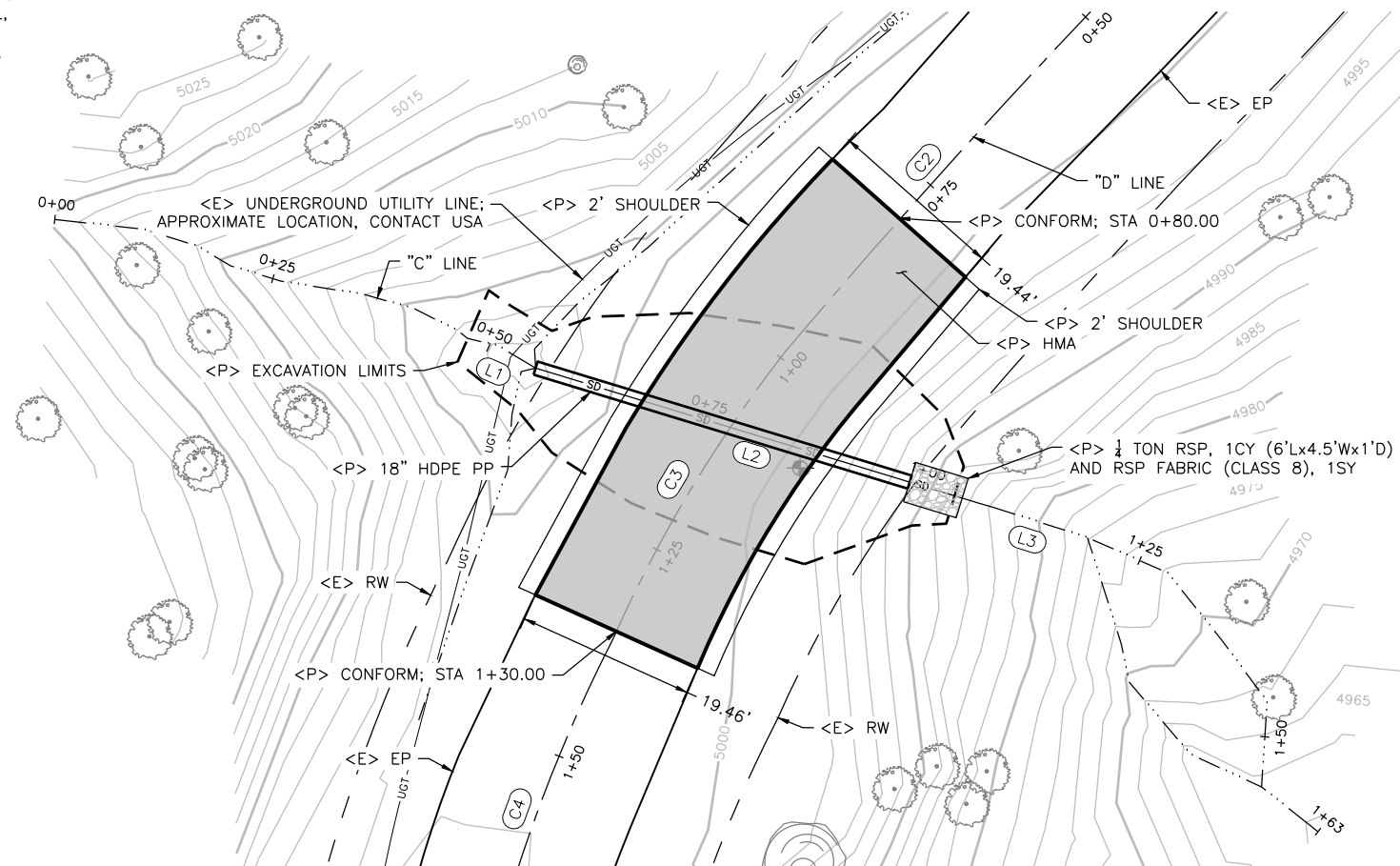


ROAD NAME: DYERVILLE LOOP ROAD	DESIGN SECTION: ENGINEERING
ROAD NO: 6D100	MILE POST: 1.10
PROJECT NO.: FEMA-4308-DR-CA PW-00894(0)	DESIGNED BY: JAB
CONTRACT NO.: 217362	DRAWN BY: RMD
DRAWING FILE NAME: 217362 CDSN110	REVIEWED BY: JAB
PLOT DATE: 06/10/2022	REVISION DATE:
	APPROVED BY: TRS

COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS STORM DAMAGE REPAIR TO DYERVILLE LOOP ROAD PM 1.10 - PLAN AND PROFILE
--

SHEET
5
OF
32

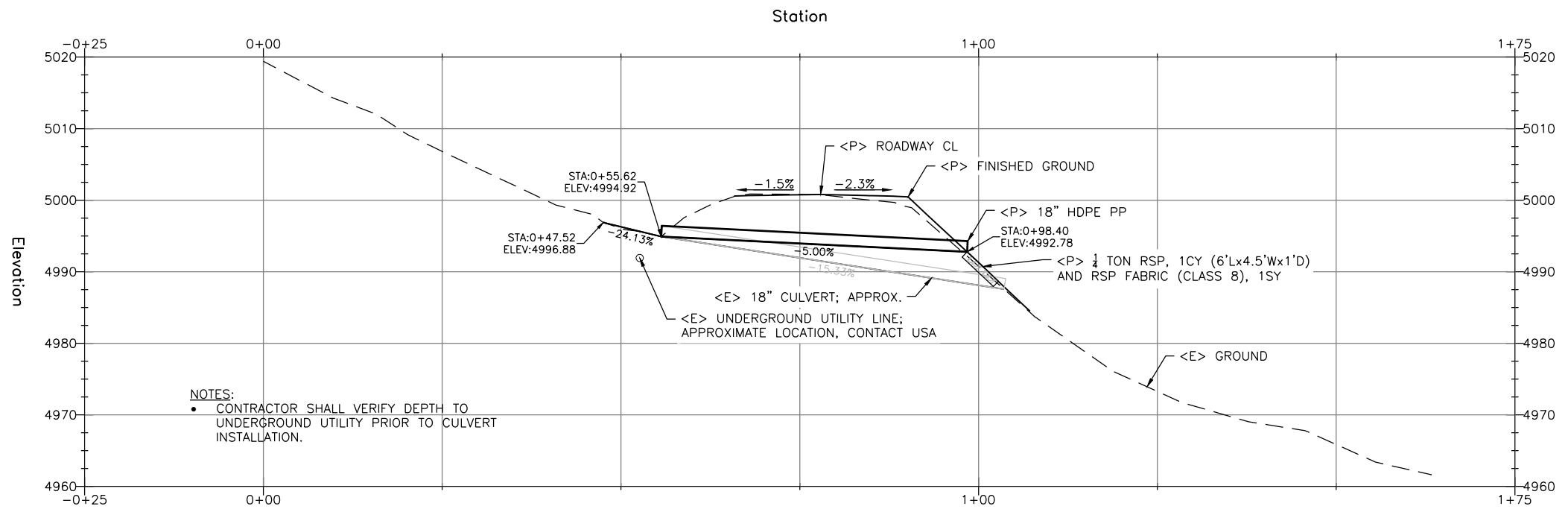
- NOTES:**
- UNDERGROUND UTILITIES EXIST IN PROJECT VICINITY. CONTACT USA PRIOR TO ANY AND ALL EXCAVATION.
 - COUNTY CLAIMS IMPLIED COMMON LAW DEDICATION FOR EXISTING CULVERT EXCAVATION / REMOVAL, REPLACEMENT AND MAINTENANCE.
 - ENERGY DISSIPATION 1/4 TON RSP EXCAVATION IS INCLUDED IN PAYMENT FOR RSP.



PLAN VIEW
SCALE: 1"=10'

SEGMENT	LENGTH	BEARING/DELTA	RADIUS	TANGENT	START	END
C1	48.19'	008°57'21"	308.31'	24.14'	STA: -0+00.00 N: 5086.91 E: 10064.10	STA: 0+48.19 N: 5050.62 E: 10032.46
C2	50.96'	003°25'26"	852.70'	25.49'	STA: 0+48.19 N: 5050.62 E: 10032.46	STA: 0+99.15 N: 5012.74 E: 9998.39
C3	36.74'	013°56'33"	151.00'	18.46'	STA: 0+99.15 N: 5012.74 E: 9998.39	STA: 1+35.89 N: 4981.31 E: 9979.53
C4	42.22'	014°02'00"	172.36'	21.21'	STA: 1+35.89 N: 4981.31 E: 9979.53	STA: 1+78.11 N: 4941.75 E: 9965.11
C5	26.56'	014°39'38"	103.79'	13.35'	STA: 1+78.11 N: 4941.75 E: 9965.11	STA: 2+04.66 N: 4915.39 E: 9962.48

SEGMENT	LENGTH	BEARING/DELTA	RADIUS	TANGENT	START	END
L1	8.12'	S66°21'48"E			STA: 0+47.50 N: 5014.18 E: 9963.63	STA: 0+55.62 N: 5010.92 E: 9971.07
L2	50.76'	S73°03'04"E			STA: 0+55.62 N: 5010.92 E: 9971.07	STA: 1+06.39 N: 4996.13 E: 10019.63
L3	12.37'	S72°26'59"E			STA: 1+06.39 N: 4996.13 E: 10019.63	STA: 1+18.76 N: 4992.40 E: 10031.42



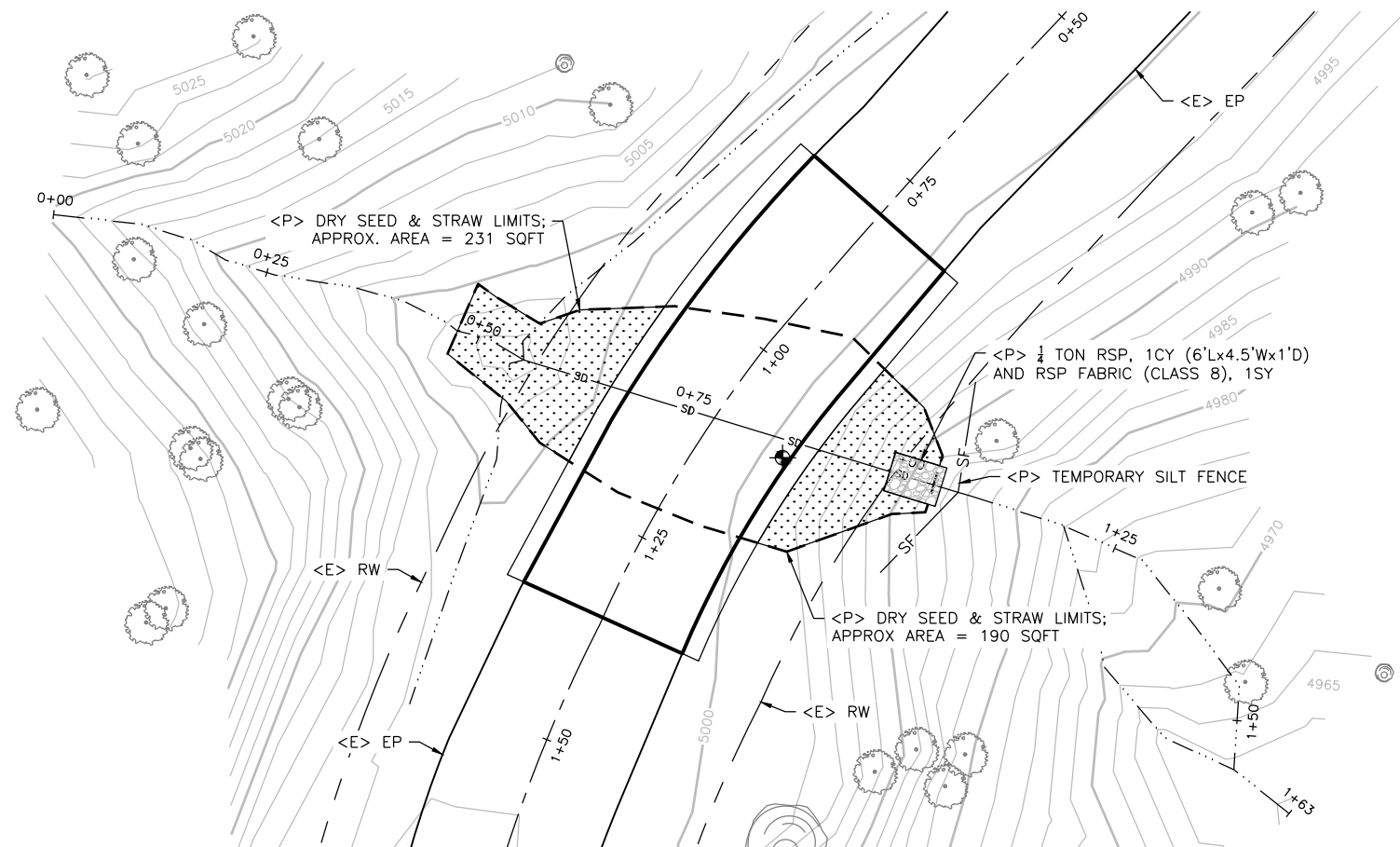
"C" LINE PROFILE VIEW
SCALE: 1"=10'

- NOTES:**
- CONTRACTOR SHALL VERIFY DEPTH TO UNDERGROUND UTILITY PRIOR TO CULVERT INSTALLATION.

NOTE:
 • APPLY DRY SEED AND STRAW TO ALL DISTURBED SOIL



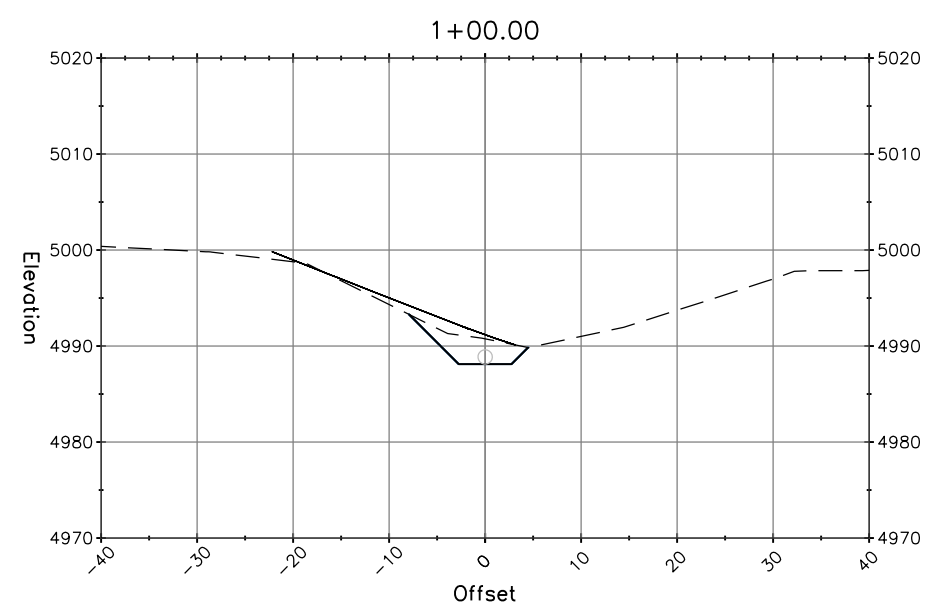
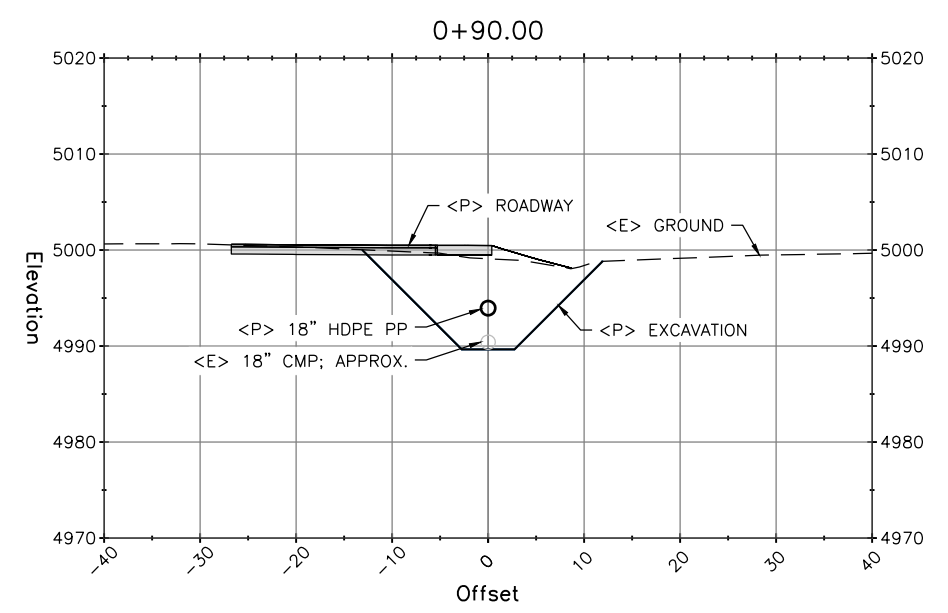
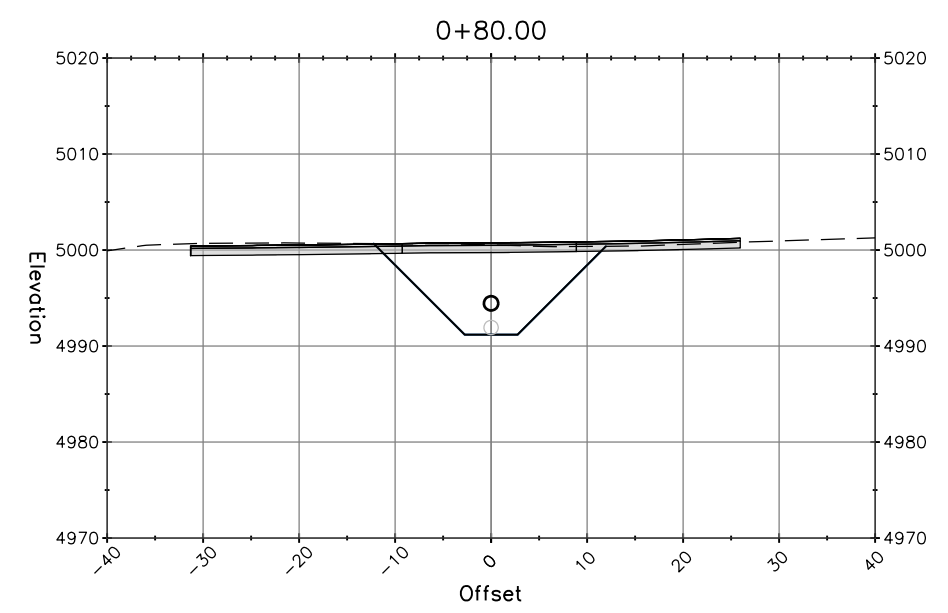
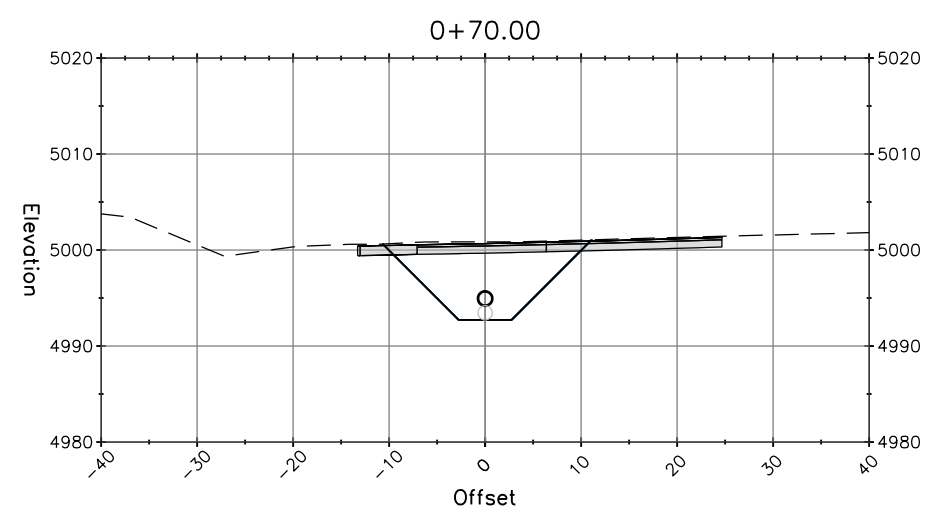
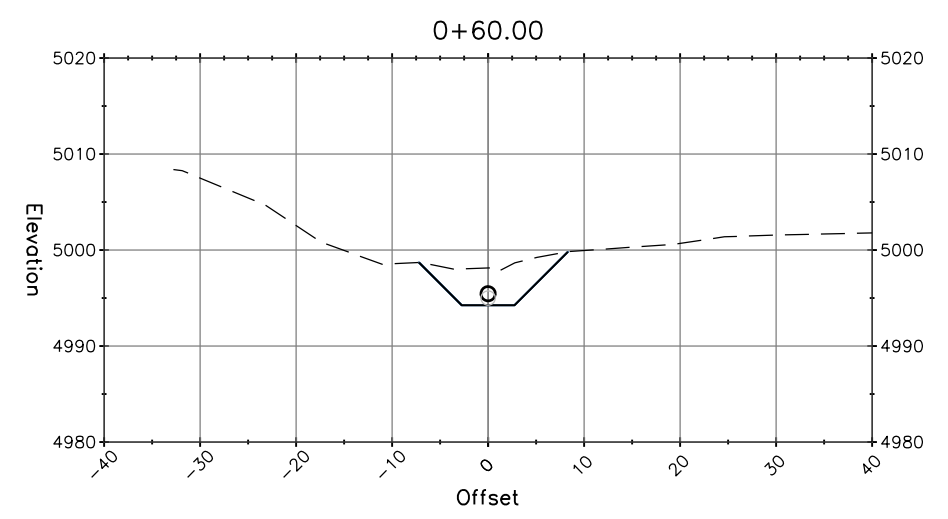
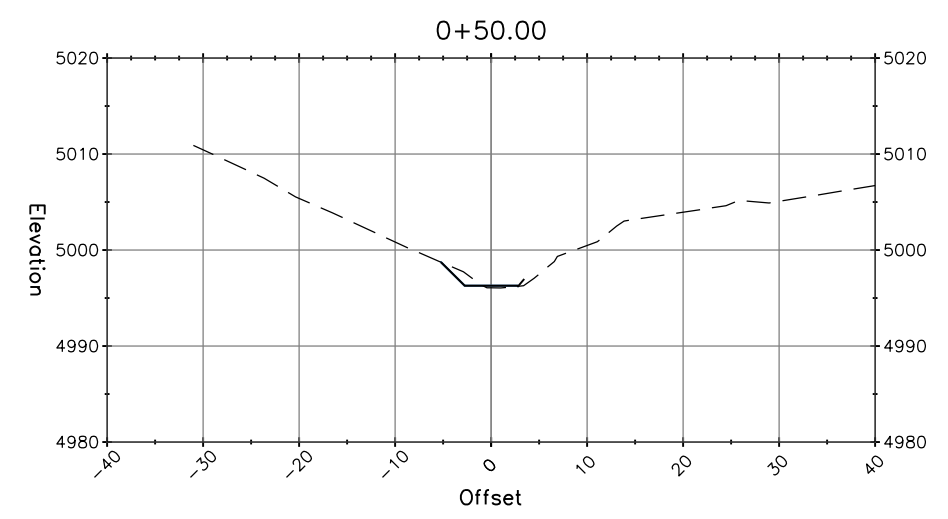
BAR IS ONE INCH ON ORIGINAL DRAWING IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	ROAD NAME: DYERVILLE LOOP ROAD ROAD NO.: 6D100 PROJECT NO.: FEMA-4308-DR-CA PW-00894(0) CONTRACT NO.: 217362 DRAWING FILE NAME: 217362_CDSN110 PLOT DATE: 06/10/2022	MILE POST: 1.10 DESIGNED BY: JAB DRAWN BY: RMD REVIEWED BY: JAB APPROVED BY: TRS	COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS STORM DAMAGE REPAIR TO DYERVILLE LOOP ROAD PM 1.10 – EROSION CONTROL PLAN	SHEET 6 OF 32
	DESIGN SECTION ENGINEERING			



PLAN VIEW
 SCALE: 1"=10'



BAR IS ONE INCH ON ORIGINAL DRAWING IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	ROAD NAME: DYERVILLE LOOP ROAD	DESIGN SECTION	COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS STORM DAMAGE REPAIR TO DYERVILLE LOOP ROAD PM 1.10 - SECTION VIEWS	SHEET 7 OF 32	
	ROAD NO.: 6D100	MILE POST: 1.10			ENGINEERING
	PROJECT NO.: FEMA-4308-DR-CA PW-00894(0)	DESIGNED BY: JAB			DRAWN BY: RMD
	CONTRACT NO.: 217362	REVIEWED BY: JAB			APPROVED BY: TRS
	DRAWING FILE NAME: 217362 CDSN110				
	PLOT DATE: 06/10/2022	REVISION DATE:			



"C" LINE SECTION VIEWS
SCALE: 1"=10'



BAR IS ONE INCH ON ORIGINAL DRAWING IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	ROAD NAME: DYERVILLE LOOP ROAD ROAD NO.: 6D100 PROJECT NO.: FEMA-4308-DR-CA PW-00894(0) CONTRACT NO.: 317362 DRAWING FILE NAME: 217363_CDSN120 PLOT DATE: 06/10/2022	MILE POST: 1.20 DESIGNED BY: JAB DRAWN BY: RMD REVIEWED BY: JAB APPROVED BY: TRS	DESIGN SECTION ENGINEERING	COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS STORM DAMAGE REPAIR TO DYERVILLE LOOP ROAD PM 1.20 - SURVEY CONTROL	SHEET 8 OF 32
	REVISION DATE:				

Point #	Raw Description	Northing	Easting	Elevation
101	CP/GINSPIKE&TAGHUMCOSURVEY	5079.98	10076.30	4999.66
102	CP/GINSPIKE&TAGHUMCOSURVEY	5000.00	10000.00	5000.00
103	CP/GINSPIKE&TAGHUMCOSURVEY	4836.62	9971.19	5005.75
104	CP/GINSPIKE&TAGHUMCOSURVEY	4757.02	10086.14	5016.06
105	CP/GINSPIKE&TAGHUMCOSURVEY	4840.36	10196.04	5035.93

BASIS OF BEARINGS NOTE

THE BEARINGS ARE BASED ON TIES BETWEEN THE CONTROL POINT #102 AND CONTROL POINT #103 WITH A COMPASS BEARING OF S10°00'00"W. COORDINATE SYSTEM IS ASSUMED WITH CONTROL POINT #102 BEING 5,000 NORTHING AND 10,000 EASTING.

ELEVATION NOTE

ELEVATIONS ARE BASED UPON THE ASSUMED ELEVATION OF CONTROL POINT #102 BEING 5000.00'.

RIGHT OF WAY NOTE

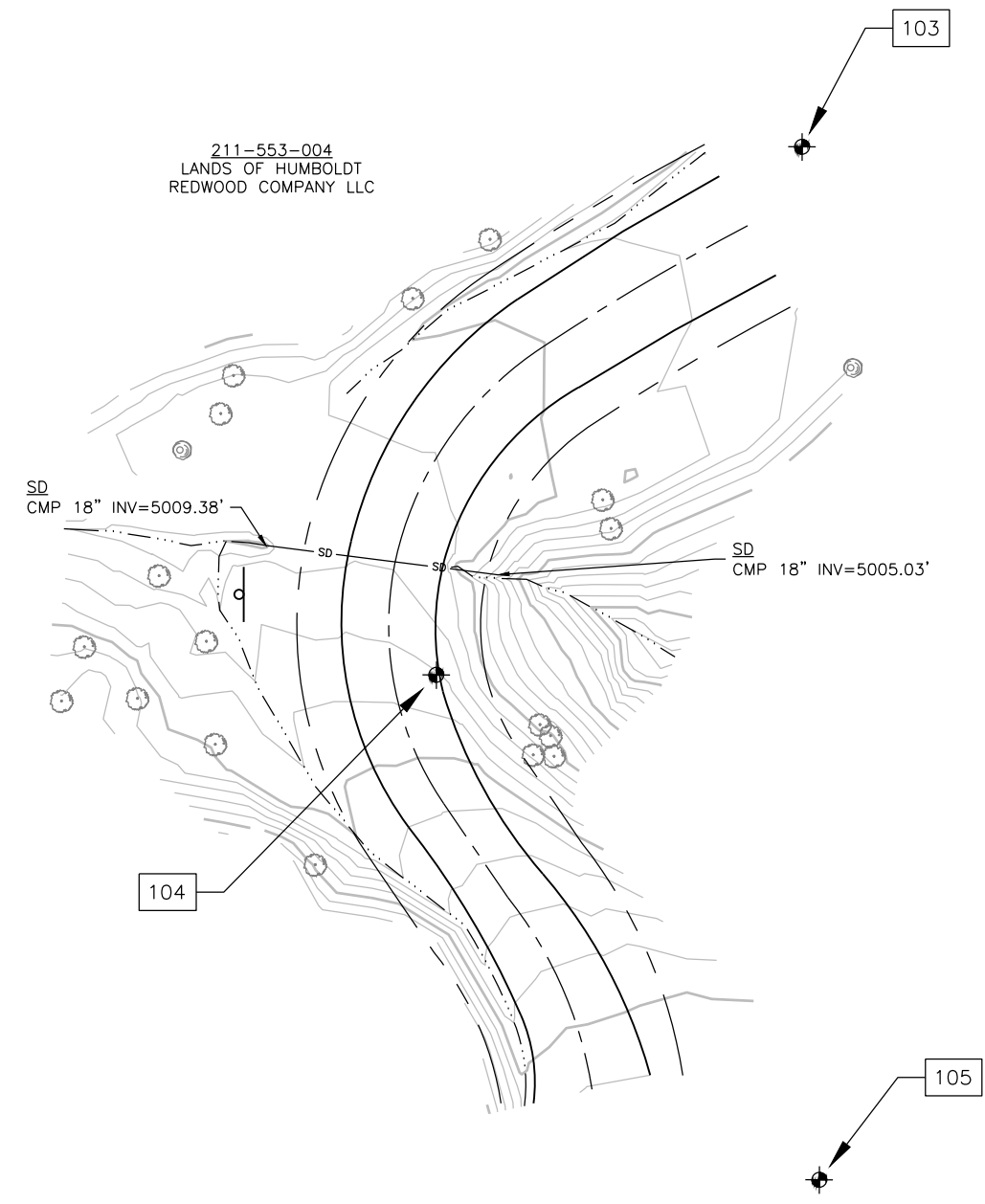
THE RIGHT OF WAY FOR THIS PROJECT IS 40', 20' EACH SIDE OF CENTERLINE, BASED UPON THE FOLLOWING DEED: 119OR500

SURVEY NOTE

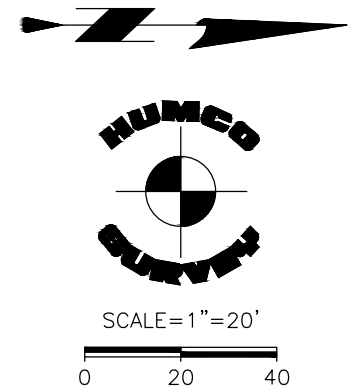
1. THE PURPOSE OF THIS SURVEY IS TO DETERMINE TOPOGRAPHY FOR A CULVERT REPLACEMENT.
2. UNDERGROUND UTILITIES RESEARCH WAS NOT PERFORMED. ONLY VISIBLE UTILITIES WERE TIED AT THE TIME OF THIS SURVEY.
3. THERE MAY BE SYMBOLS SHOWN IN THE LEGEND THAT ARE NOT USED IN THIS SURVEY.

LINE LEGEND

- ROAD CENTERLINE
- - - RIGHT OF WAY
- · · · · FLOW LINE
- EDGE OF PAVEMENT



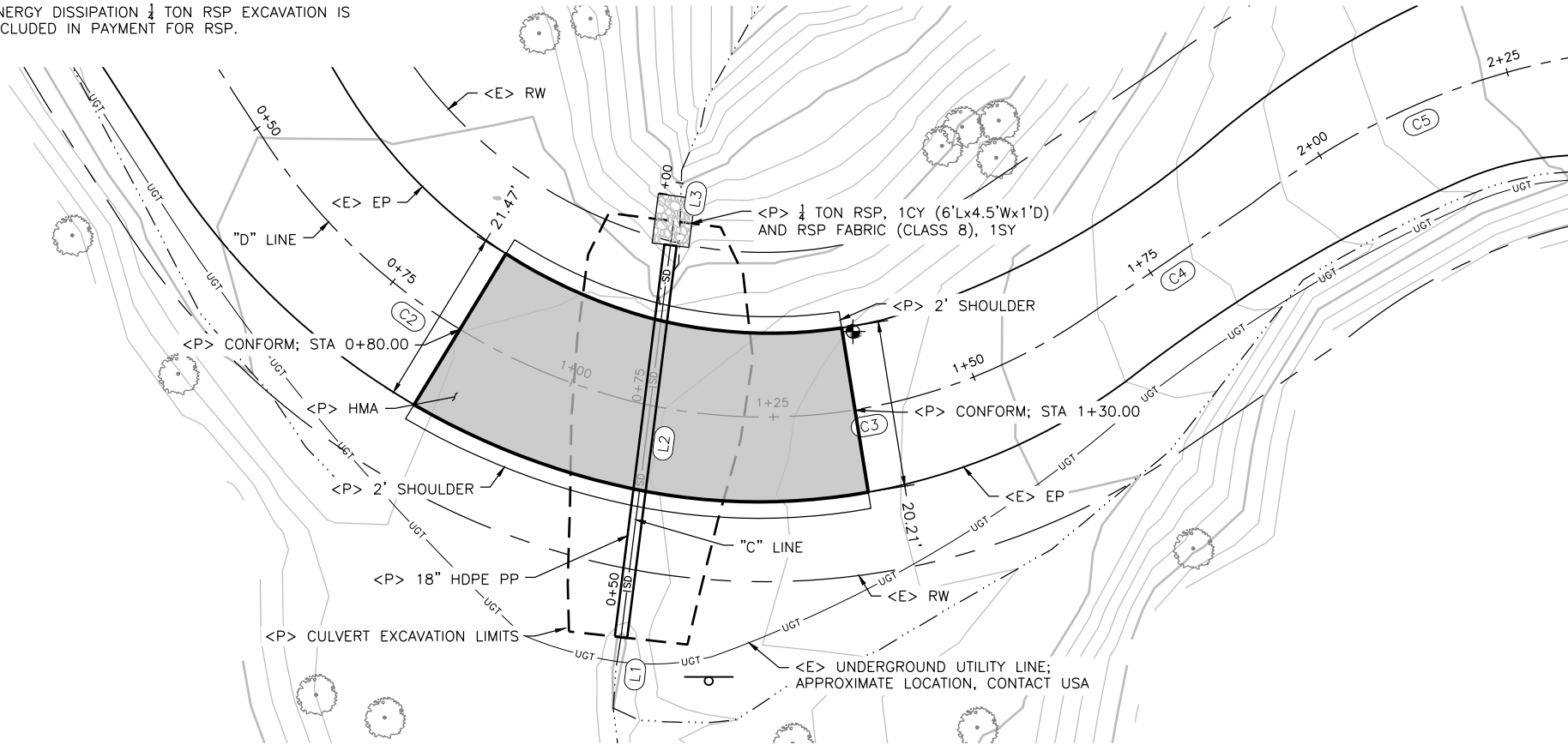
Symbol	Description	Symbol	Description	Symbol	Description
●	BOLLARD	☐	MAILBOX	⊕	STORM DRAIN MANHOLE
⊕	ELECTRIC MANHOLE	⊕	PUSH BUTTON PEDESTRIAN POST	⊙	STUMP
⊕	FIRE HYDRANT	⊕	RISER	⊙	TREE
●	FOUND MONUMENT	⊕	SANITARY SEWER CLEANOUT	⊕	UNDERGROUND VAULT
⊕	GAS VALVE	⊕	SANITARY SEWER MANHOLE	⊕	UNDERGROUND LARGE VAULT
⊕	GUY	⊕	CONTROL POINT	⊕	JOINT USE UTILITY POLE
⊕	GUY POLE	⊕	SIGN	⊕	WATER METER
⊕	LID- UTILITY-TYPE IN POINT CODE	⊕	SIGNAL POLE	⊕	WATER VALVE
⊕	LUMINAIRE POLE				





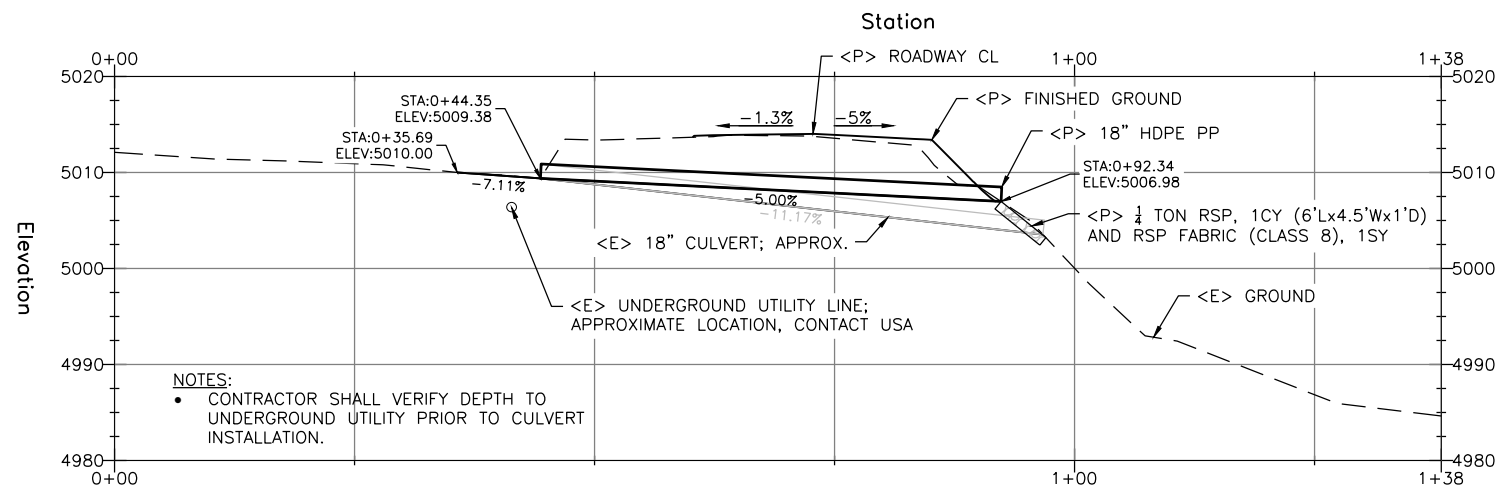
BAR IS ONE INCH ON ORIGINAL DRAWING IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	ROAD NAME: DYERVILLE LOOP ROAD	DESIGN SECTION: ENGINEERING	COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS STORM DAMAGE REPAIR TO DYERVILLE LOOP ROAD PM 1.20 - PLAN AND PROFILE	SHEET 9 OF 32	
	ROAD NO: 6D100	MILE POST: 1.20			DESIGNED BY: JAB
	PROJECT NO.: FEMA-4308-DR-CA PW-00894(0)				DRAWN BY: RMD
	CONTRACT NO.: 317362				REVIEWED BY: JAB
	DRAWING FILE NAME: 217363_CDSN120	APPROVED BY: TRS			
	PLOT DATE: 06/10/2022	REVISION DATE:			

- NOTES:
- UNDERGROUND UTILITIES EXIST IN PROJECT VICINITY. CONTACT USA PRIOR TO ANY AND ALL EXCAVATION.
 - COUNTY CLAIMS IMPLIED COMMON LAW DEDICATION FOR EXISTING CULVERT EXCAVATION / REMOVAL, REPLACEMENT AND MAINTENANCE.
 - ENERGY DISSIPATION 1/2 TON RSP EXCAVATION IS INCLUDED IN PAYMENT FOR RSP.



SEGMENT	LENGTH	BEARING/Delta	RADIUS	TANGENT	START	END
C1	50.44'	005°34'49"	517.86'	25.24'	STA: 0+00.00 N: 4824.72 E: 9988.37	STA: 0+50.44 N: 4781.31 E: 10014.00
C2	57.16'	043°34'18"	75.16'	30.04'	STA: 0+50.44 N: 4781.31 E: 10014.00	STA: 1+07.59 N: 4748.57 E: 10059.18
C3	57.57'	048°03'37"	68.64'	30.60'	STA: 1+07.59 N: 4748.57 E: 10059.18	STA: 1+65.17 N: 4758.61 E: 10114.17
C4	24.73'	000°07'27"	11404.12'	12.36'	STA: 1+65.17 N: 4758.61 E: 10114.17	STA: 1+89.90 N: 4772.55 E: 10134.59
C5	46.10'	029°52'09"	88.43'	23.59'	STA: 1+89.90 N: 4772.55 E: 10134.59	STA: 2+36.00 N: 4790.85 E: 10176.34

SEGMENT	LENGTH	BEARING/Delta	RADIUS	TANGENT	START	END
L1	8.66'	N06°16'57"E			STA: 0+35.69 N: 4711.27 E: 10057.02	STA: 0+44.35 N: 4719.88 E: 10057.97
L2	50.94'	N07°11'16"E			STA: 0+44.35 N: 4719.88 E: 10057.97	STA: 0+95.30 N: 4770.42 E: 10064.35
L3	6.26'	N09°07'14"E			STA: 0+95.30 N: 4770.42 E: 10064.35	STA: 1+01.56 N: 4776.60 E: 10065.34

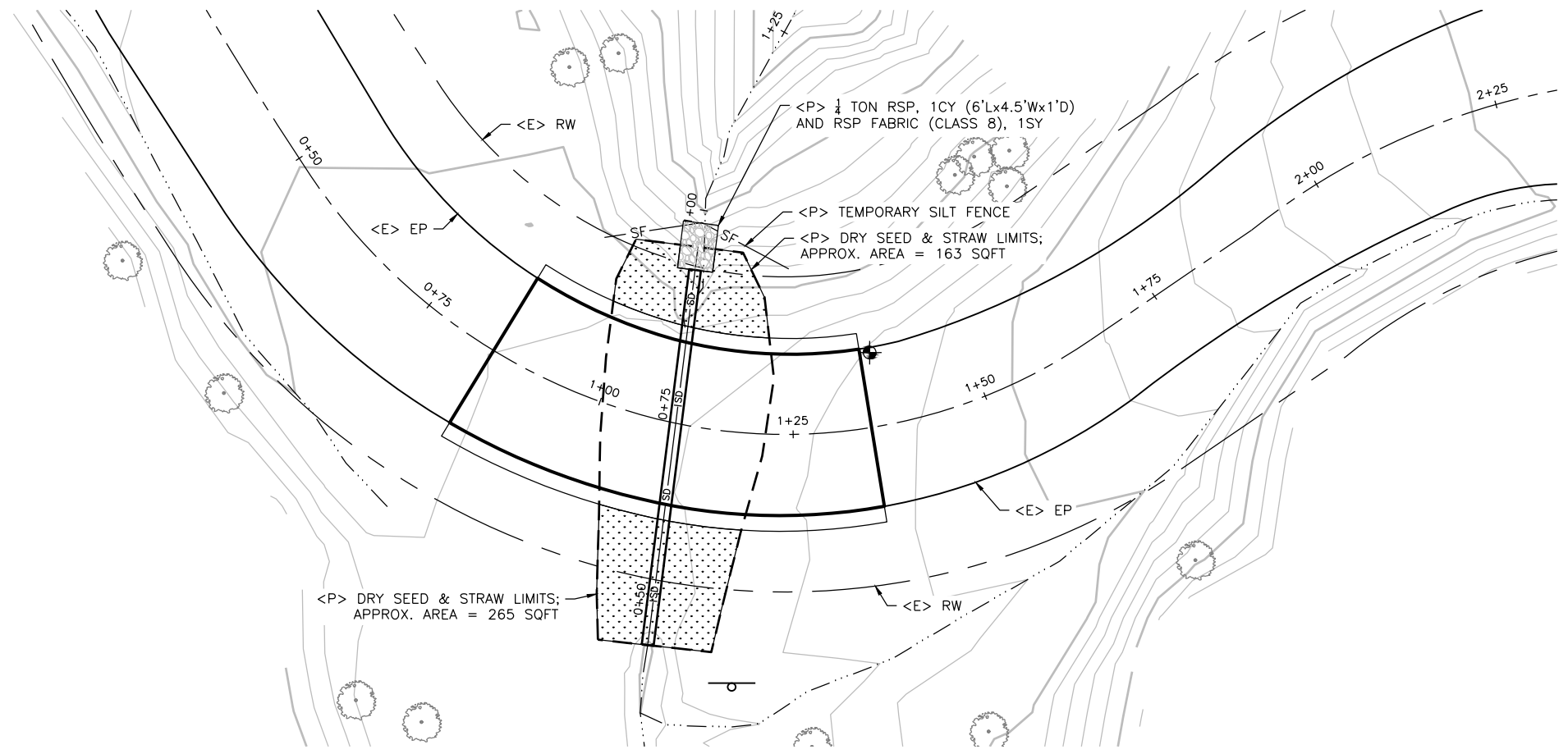


- NOTES:
- CONTRACTOR SHALL VERIFY DEPTH TO UNDERGROUND UTILITY PRIOR TO CULVERT INSTALLATION.

NOTE:
 • APPLY DRY SEED AND STRAW TO ALL DISTURBED SOIL



BAR IS ONE INCH ON ORIGINAL DRAWING	ROAD NAME: DYERVILLE LOOP ROAD	DESIGN SECTION	COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS STORM DAMAGE REPAIR TO DYERVILLE LOOP ROAD PM 1.20 – EROSION CONTROL PLAN	SHEET 10 OF 32
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	ROAD NO.: 6D100	ENGINEERING		
	MILE POST: 1.20	DESIGNED BY: JAB		
PROJECT NO.: FEMA-4308-DR-CA PW-00894(0)	CONTRACT NO.: 317362	DRAWN BY: RMD		
DRAWING FILE NAME: 217363_CDSN120	REVISION DATE:	REVIEWED BY: JAB		
PLOT DATE: 06/10/2022		APPROVED BY: TRS		



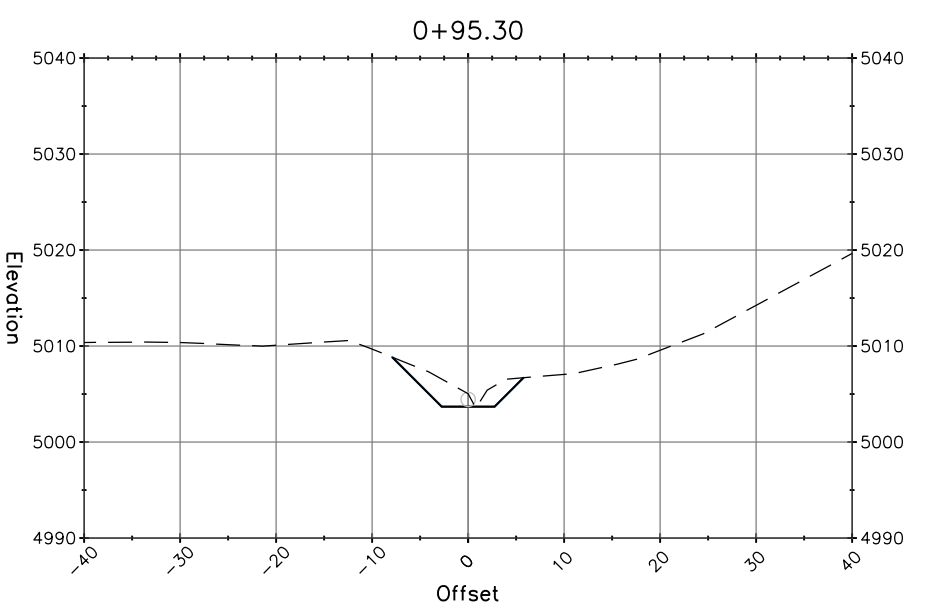
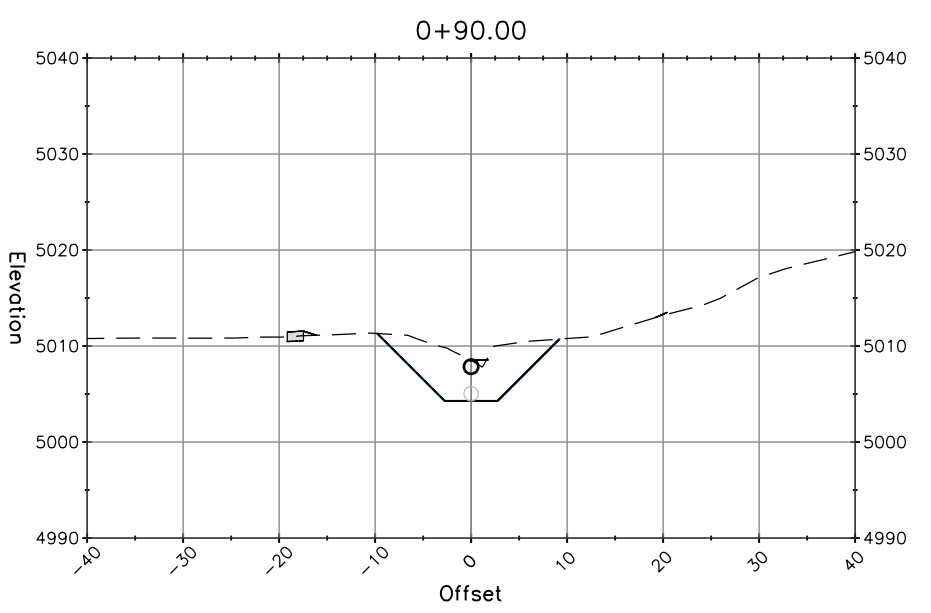
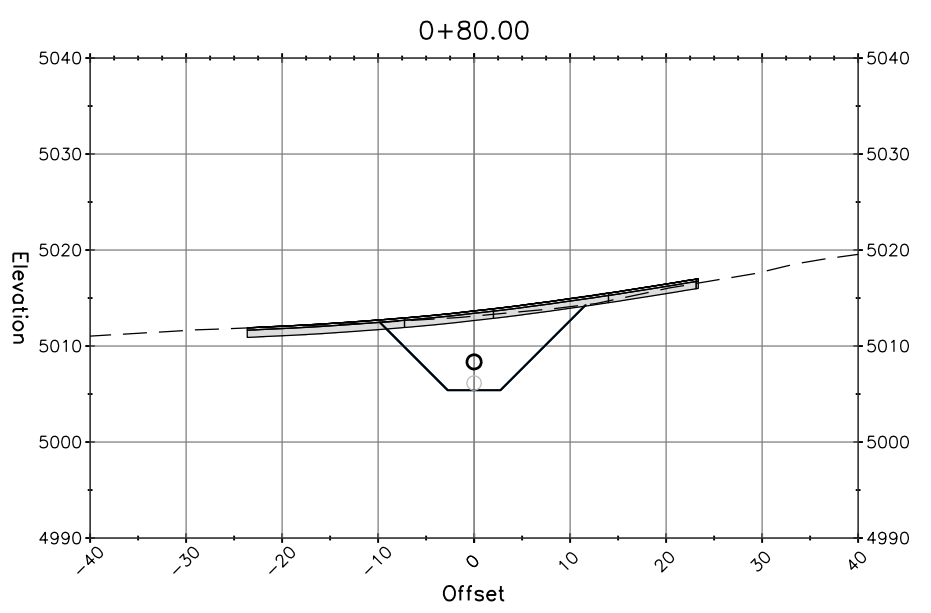
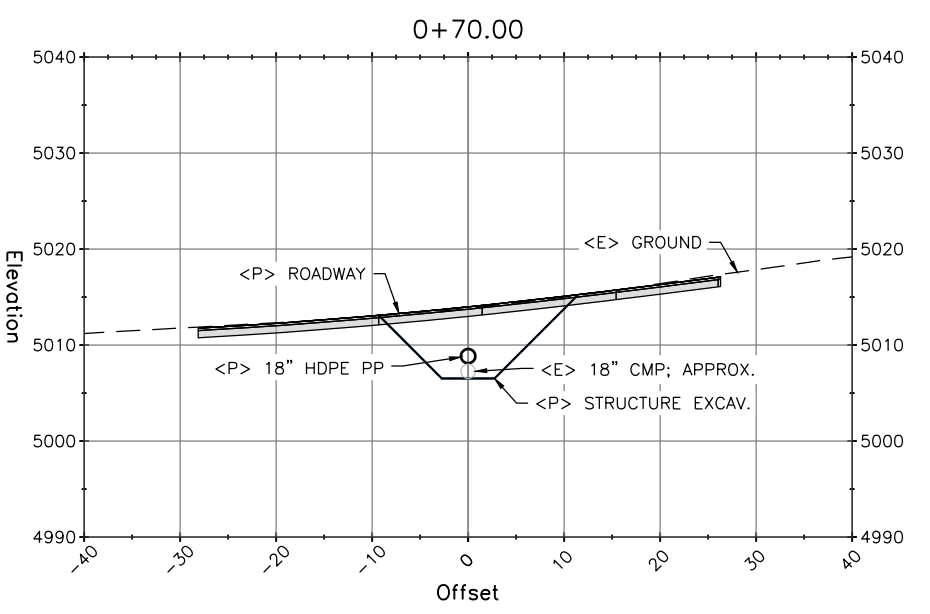
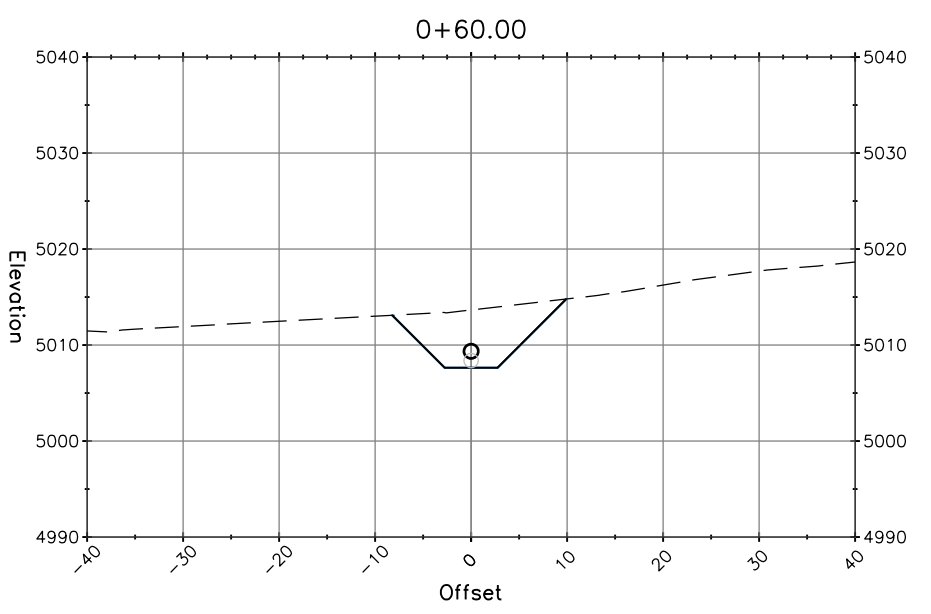
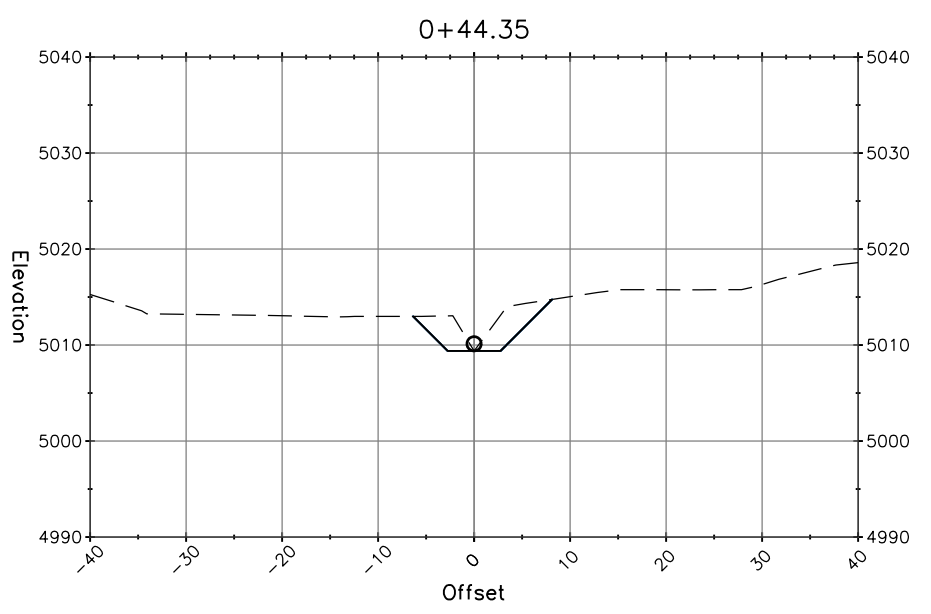
PLAN VIEW
 SCALE: 1"=10'



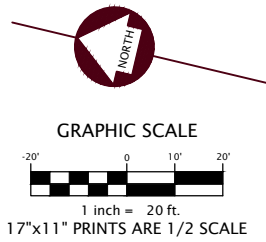
BAR IS ONE INCH ON ORIGINAL DRAWING	ROAD NAME: DYERVILLE LOOP ROAD	DESIGN SECTION
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	ROAD NO.: 6D100	ENGINEERING
	MILE POST: 1.20	DESIGNED BY: JAB
	PROJECT NO.: FEMA-4308-DR-CA PW-00894(0)	DRAWN BY: RMD
	CONTRACT NO.: 317362	REVIEWED BY: JAB
	DRAWING FILE NAME: 217363_CDSN120	APPROVED BY: TRS
	PLOT DATE: 06/10/2022	REVISION DATE:

COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS
STORM DAMAGE REPAIR TO DYERVILLE LOOP ROAD
PM 1.20 - SECTION VIEWS

SHEET
11
OF
32



"C" LINE SECTION VIEWS
SCALE: 1"=10'



ROAD NAME: DYERVILLE LOOP ROAD	DESIGN SECTION: ENGINEERING
ROAD NO.: 6D100	MILE POST: 1.64
PROJECT NO.: FEMA-4308-DR-CA PW-00894(0)	DESIGNED BY: JAB
CONTRACT NO.: 217543	DRAWN BY: RMD
DRAWING FILE NAME: 217543_CDSN164	REVIEWED BY: JAB
PLOT DATE: 06/10/2022	REVISION DATE:
	APPROVED BY: TRS

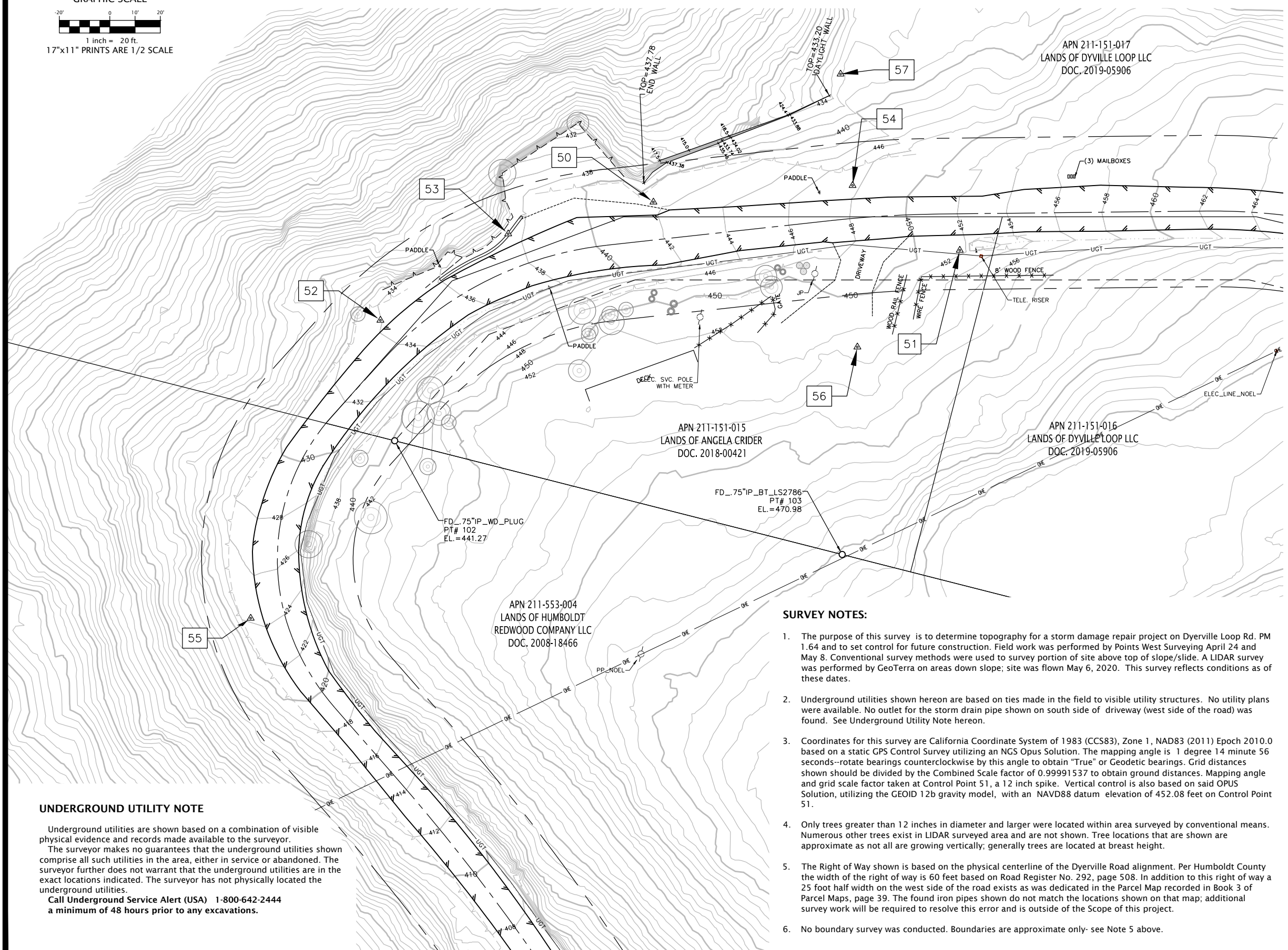
COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS STORM DAMAGE REPAIR TO DYERVILLE LOOP ROAD PM 1.64 - SURVEY CONTROL	SHEET 12 OF 32
--	---------------------------------------

LEGEND

	PROPERTY LINES
	RIGHT-OF-WAY CENTERLINE
	DRAINAGE FLOW LINE
	EDGES OF PAVEMENT
	EXISTING GROUND CONTOURS
	TOP OF SLOPE
	TOE OF SLOPE / GRADE BREAK
	FENCE LINE
	UGT UNDERGROUND ELECTRIC LINE
	OHE OVERHEAD ELECTRIC LINE
	OHT OVERHEAD TELEPHONE LINE
	OHE&T OVERHEAD ELECTRIC & TELEPHONE LINES
	SD STORM DRAIN CULVERT

CONTROL POINT TABLE
(Units in U.S. Survey Feet)

Point #	Raw Description	Northing	Easting	Elevation
50	CP_SPK	2011924.66	6029277.30	441.73
51	CP_SPK	2011802.20	6029286.81	452.08
52	CP_SPK	2012019.04	6029206.74	434.46
53	CP_MAG	2011977.70	6029251.74	437.82
54	CP_SPK	2011849.45	6029301.94	447.84
55	CP_SPK	2012041.73	6029079.97	424.43
56	CP_60D	2011832.79	6029240.13	453.39
57	CP_SPK	2011864.28	6029343.79	434.94



SURVEY NOTES:

- The purpose of this survey is to determine topography for a storm damage repair project on Dyerville Loop Rd. PM 1.64 and to set control for future construction. Field work was performed by Points West Surveying April 24 and May 8. Conventional survey methods were used to survey portion of site above top of slope/slide. A LIDAR survey was performed by GeoTerra on areas down slope; site was flown May 6, 2020. This survey reflects conditions as of these dates.
- Underground utilities shown hereon are based on ties made in the field to visible utility structures. No utility plans were available. No outlet for the storm drain pipe shown on south side of driveway (west side of the road) was found. See Underground Utility Note hereon.
- Coordinates for this survey are California Coordinate System of 1983 (CCS83), Zone 1, NAD83 (2011) Epoch 2010.0 based on a static GPS Control Survey utilizing an NGS Opus Solution. The mapping angle is 1 degree 14 minute 56 seconds--rotate bearings counterclockwise by this angle to obtain "True" or Geodetic bearings. Grid distances shown should be divided by the Combined Scale factor of 0.99991537 to obtain ground distances. Mapping angle and grid scale factor taken at Control Point 51, a 12 inch spike. Vertical control is also based on said OPUS Solution, utilizing the GEOID 12b gravity model, with an NAVD88 datum elevation of 452.08 feet on Control Point 51.
- Only trees greater than 12 inches in diameter and larger were located within area surveyed by conventional means. Numerous other trees exist in LIDAR surveyed area and are not shown. Tree locations that are shown are approximate as not all are growing vertically; generally trees are located at breast height.
- The Right of Way shown is based on the physical centerline of the Dyerville Road alignment. Per Humboldt County the width of the right of way is 60 feet based on Road Register No. 292, page 508. In addition to this right of way a 25 foot half width on the west side of the road exists as was dedicated in the Parcel Map recorded in Book 3 of Parcel Maps, page 39. The found iron pipes shown do not match the locations shown on that map; additional survey work will be required to resolve this error and is outside of the Scope of this project.
- No boundary survey was conducted. Boundaries are approximate only- see Note 5 above.

UNDERGROUND UTILITY NOTE

Underground utilities are shown based on a combination of visible physical evidence and records made available to the surveyor. The surveyor makes no guarantees that the underground utilities shown comprise all such utilities in the area, either in service or abandoned. The surveyor further does not warrant that the underground utilities are in the exact locations indicated. The surveyor has not physically located the underground utilities.
 Call Underground Service Alert (USA) 1-800-642-2444 a minimum of 48 hours prior to any excavations.

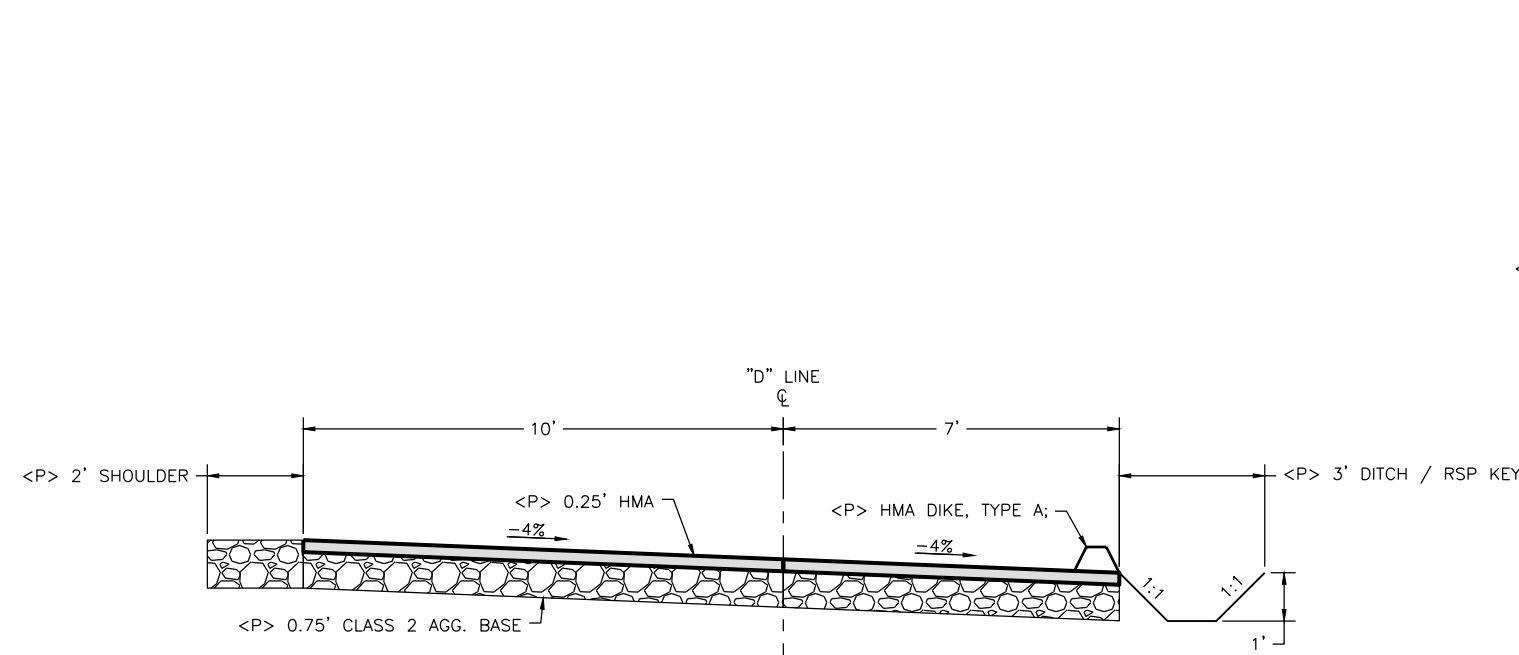
TOPOGRAPHIC SURVEY
 for
DYERVILLE LOOP ROAD PM 1.64
Humboldt County Project No. 217543
Task Order No. DPW 2017-005-T48
 SECTION 36, T1S, R2E,
 HUMBOLDT MERIDIAN
 IN THE UNINCORPORATED AREA OF,
 HUMBOLDT COUNTY, STATE OF CALIFORNIA
 Date: May 2020

SCALE: 1" = 20" SHEET 1 OF 1

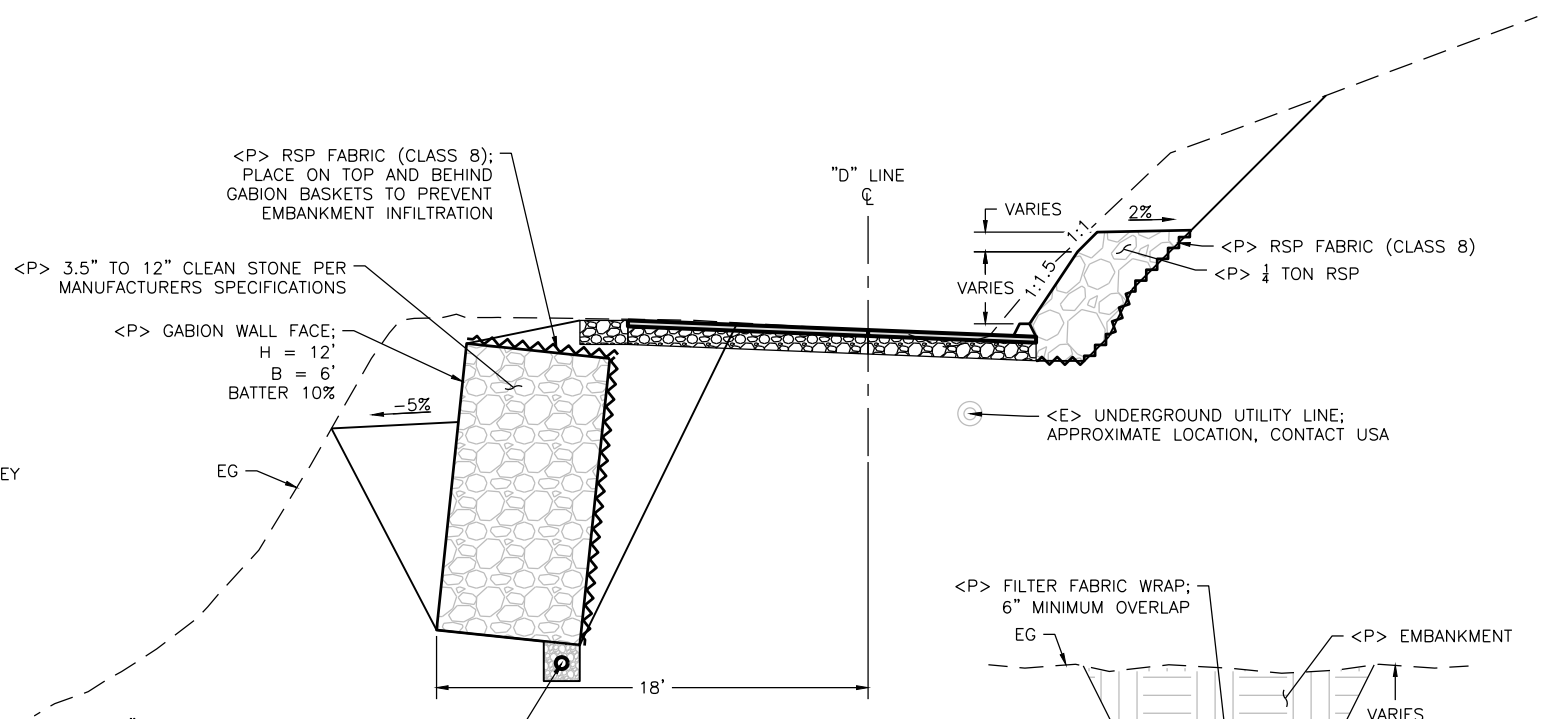
POINTS WEST SURVEYING Co.
 5201 Carlson Park Dr., Suite 3 - Arcata, CA 95521
 707-840-9510 • Phone 707-840-9542 • Fax



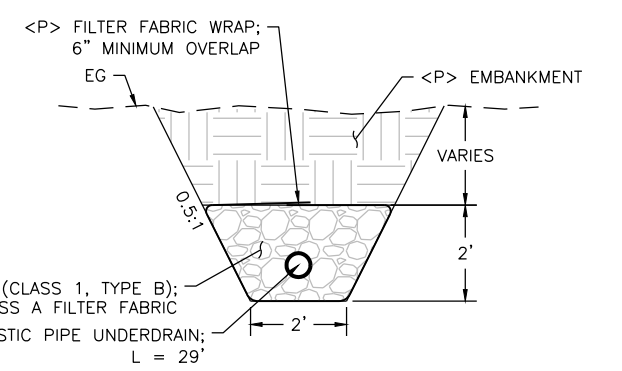
BAR IS ONE INCH ON ORIGINAL DRAWING IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	ROAD NAME: DYERVILLE LOOP ROAD	DESIGN SECTION	COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS STORM DAMAGE REPAIR TO DYERVILLE LOOP ROAD PM 1.64 - TYPICAL SECTIONS	SHEET 13 OF 32	
	ROAD NO.: 6D100	MILE POST: 1.64			ENGINEERING
	PROJECT NO.: FEMA-4308-DR-CA PW-00894(0)				DESIGNED BY: JAB
	CONTRACT NO.: 217543				DRAWN BY: RMD
	DRAWING FILE NAME: 217543_CDSN164	REVIEWED BY: JAB			
	PLOT DATE: 06/10/2022	REVISION DATE:	APPROVED BY: TRS		



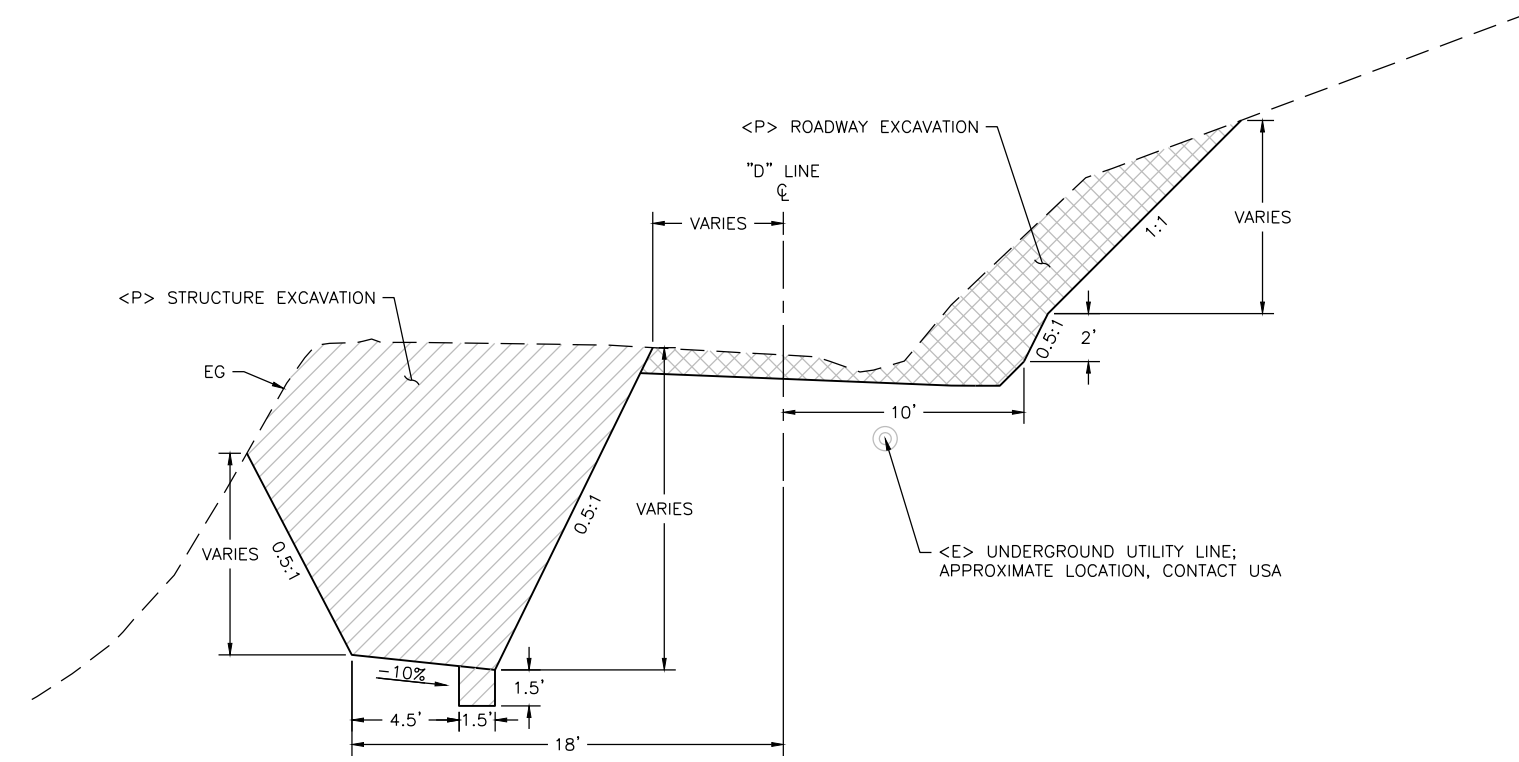
TYPICAL ROADWAY SECTION
SCALE: 1"=2'



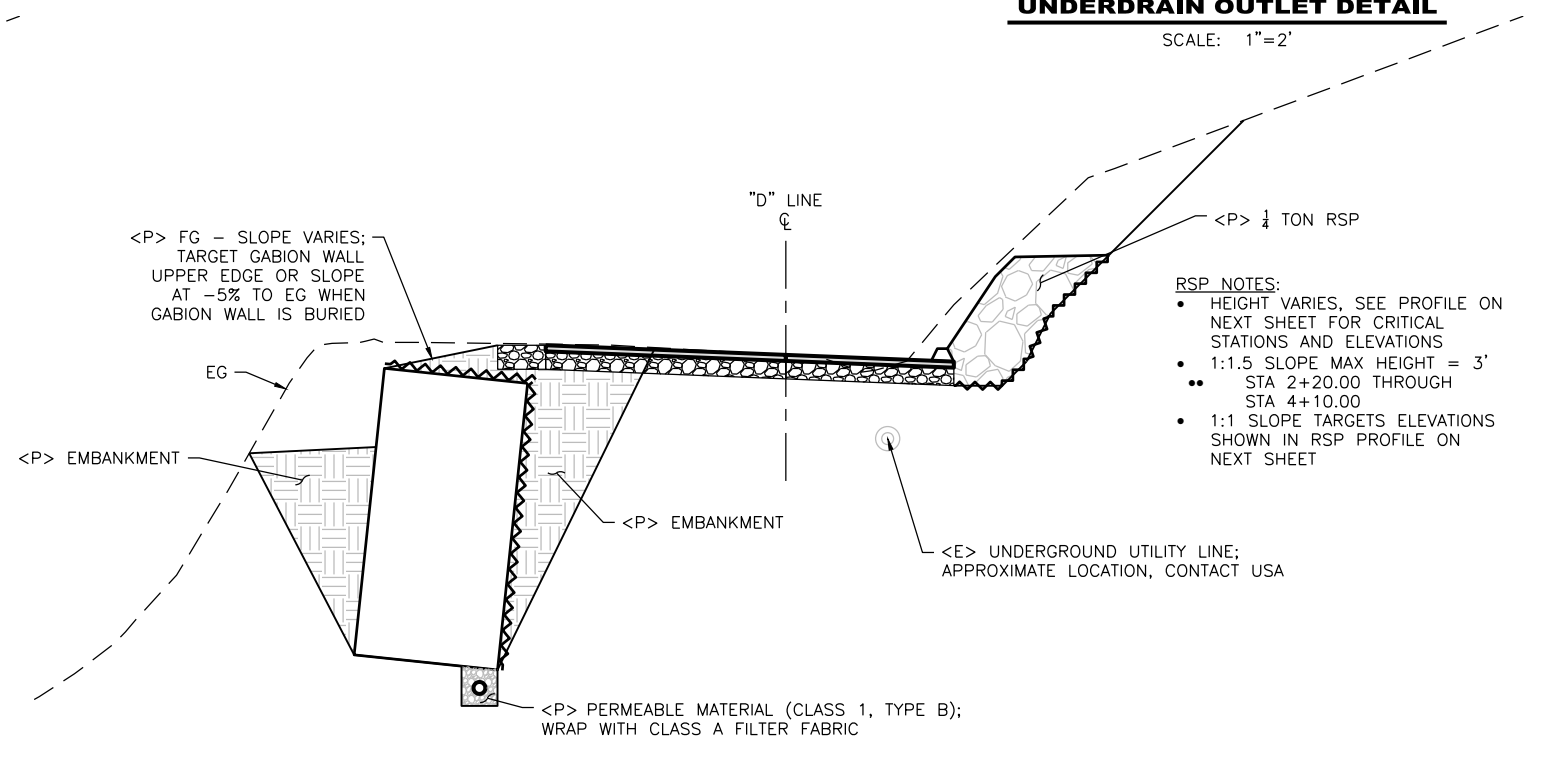
TYPICAL SECTION
SCALE: 1"=4'



UNDERDRAIN OUTLET DETAIL
SCALE: 1"=2'



TYPICAL EXCAVATION SECTION
SCALE: 1"=4'



TYPICAL BACKFILL SECTION
SCALE: 1"=4'

- RSP NOTES:**
- HEIGHT VARIES, SEE PROFILE ON NEXT SHEET FOR CRITICAL STATIONS AND ELEVATIONS
 - 1:1.5 SLOPE MAX HEIGHT = 3'
 - STA 2+20.00 THROUGH STA 4+10.00
 - 1:1 SLOPE TARGETS ELEVATIONS SHOWN IN RSP PROFILE ON NEXT SHEET

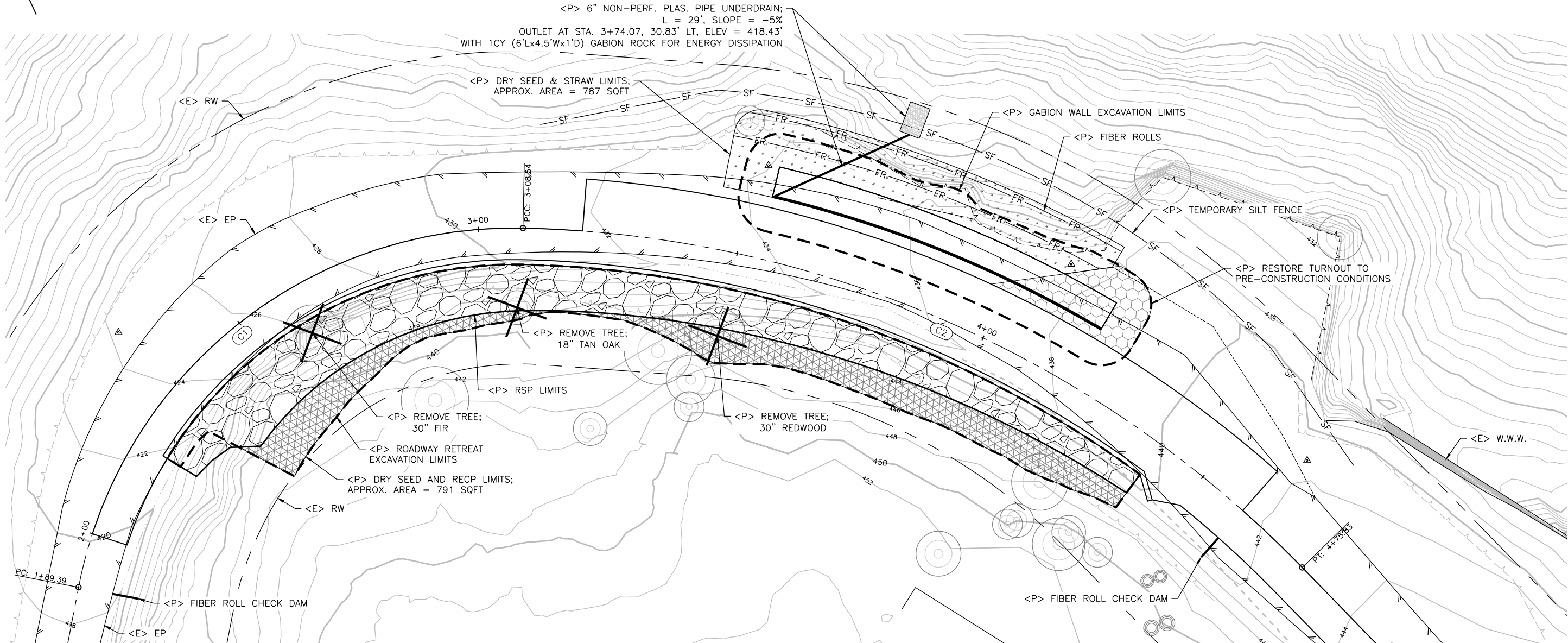
NOTE:

- UNDERGROUND UTILITIES EXIST IN PROJECT VICINITY. CONTACT USA PRIOR TO ANY AND ALL EXCAVATION.

NOTE:
 • APPLY DRY SEED AND STRAW TO ALL DISTURBED SOIL



BAR IS ONE INCH ON ORIGINAL DRAWING IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	ROAD NAME: DYERVILLE LOOP ROAD ROAD NO.: 6D100 PROJECT NO.: FEMA-4308-DR-CA PW-00894(0) CONTRACT NO.: 217543 DRAWING FILE NAME: 217543_CDSN164 PLOT DATE: 06/10/2022	MILE POST: 1.64 PROJECT NO.: FEMA-4308-DR-CA PW-00894(0) CONTRACT NO.: 217543 DRAWING FILE NAME: 217543_CDSN164 PLOT DATE: 06/10/2022	DESIGN SECTION ENGINEERING DESIGNED BY: JAB DRAWN BY: RMD REVIEWED BY: JAB APPROVED BY: TRS	COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS STORM DAMAGE REPAIR TO DYERVILLE LOOP ROAD PM 1.64 - EROSION CONTROL AND RE-VEGETATION PLAN	SHEET 15 OF 32
---	---	---	--	--	---------------------------------------



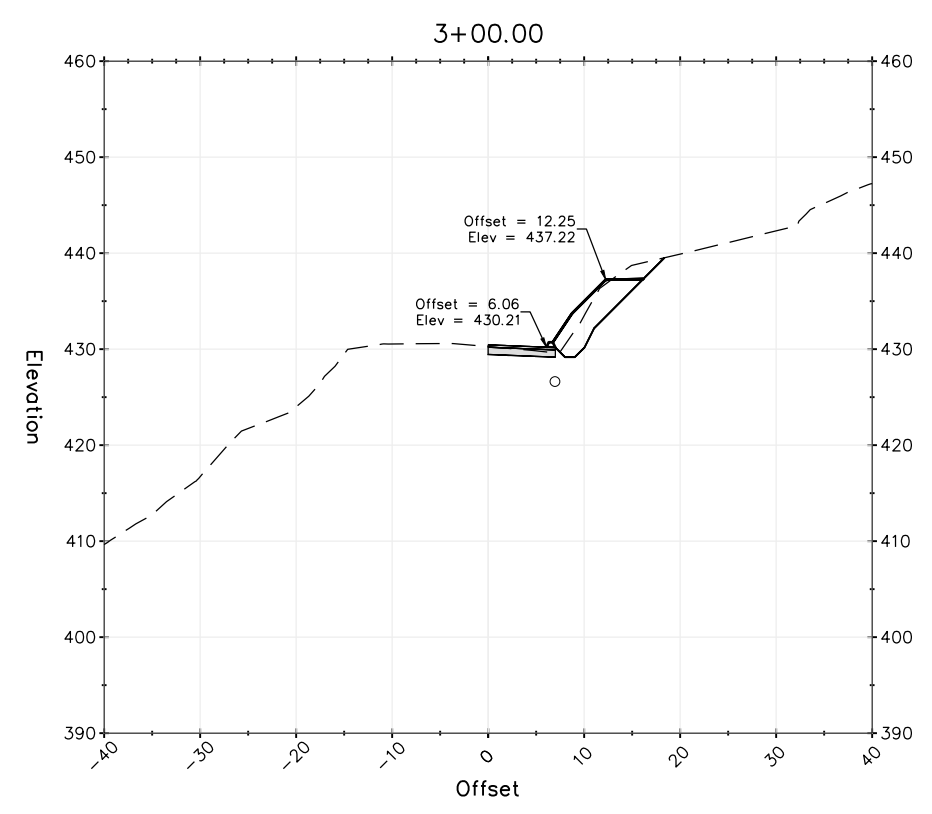
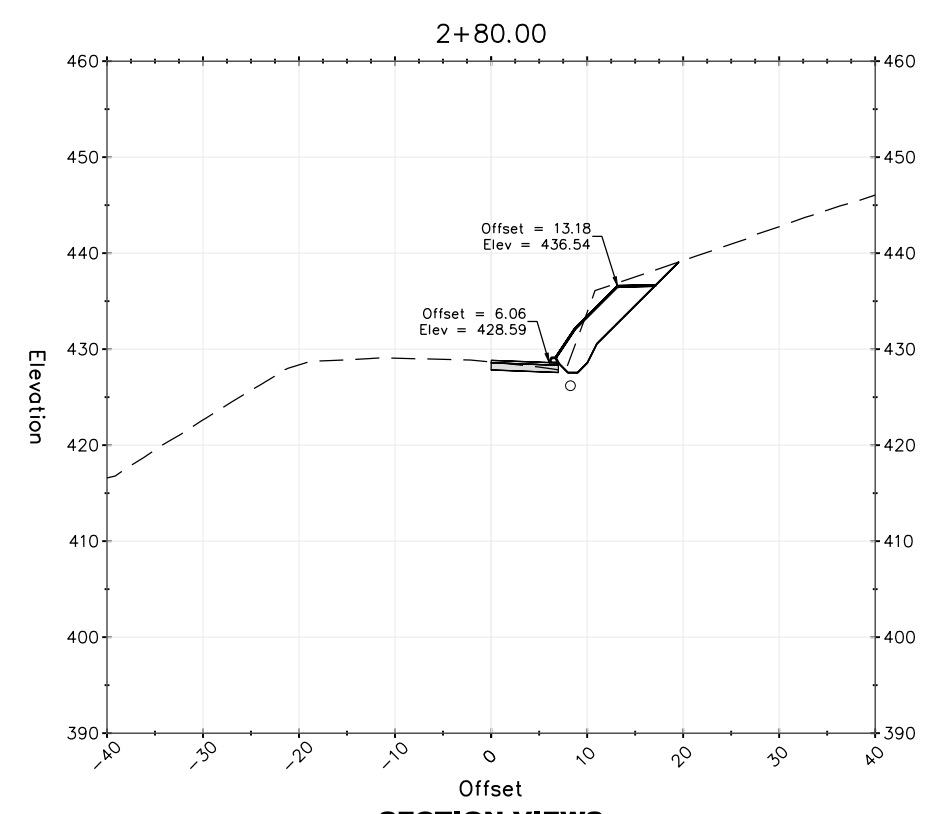
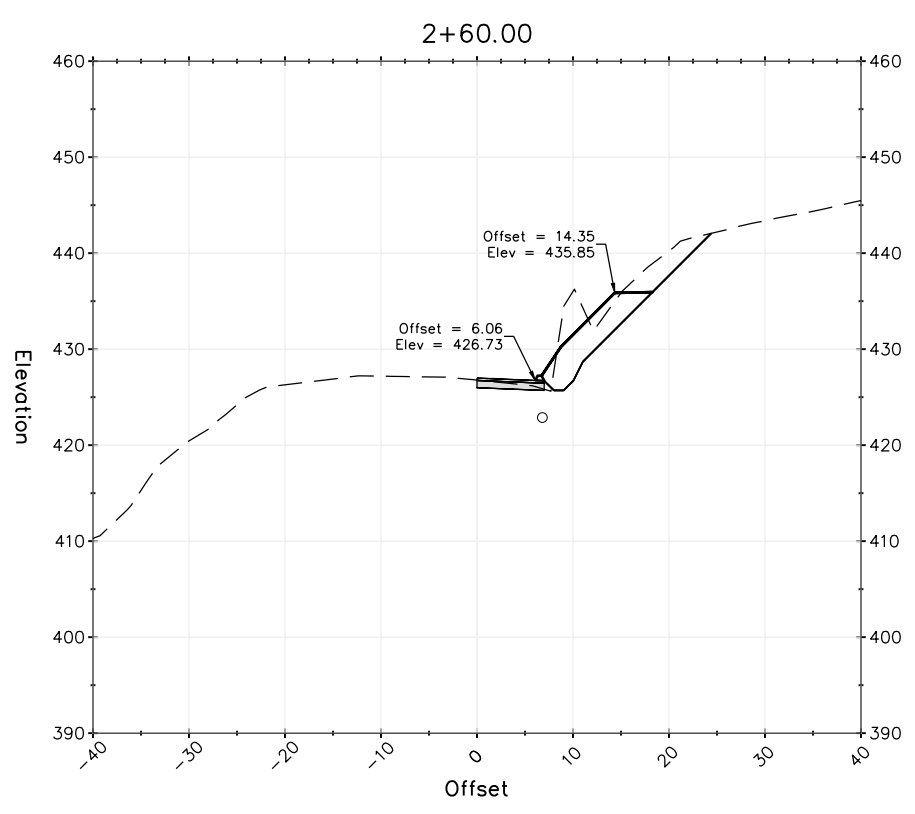
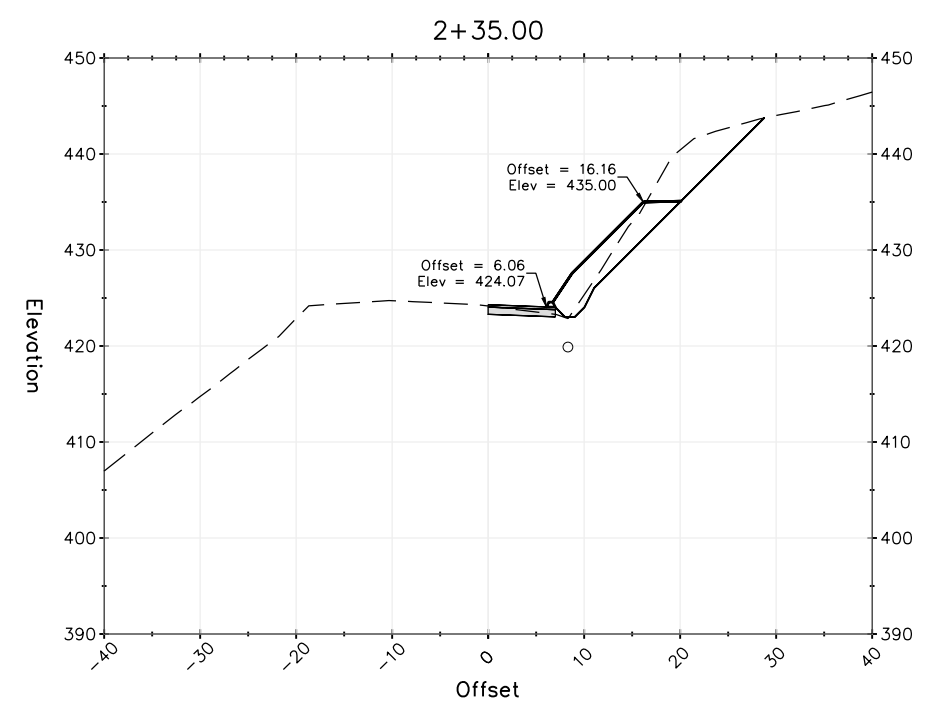
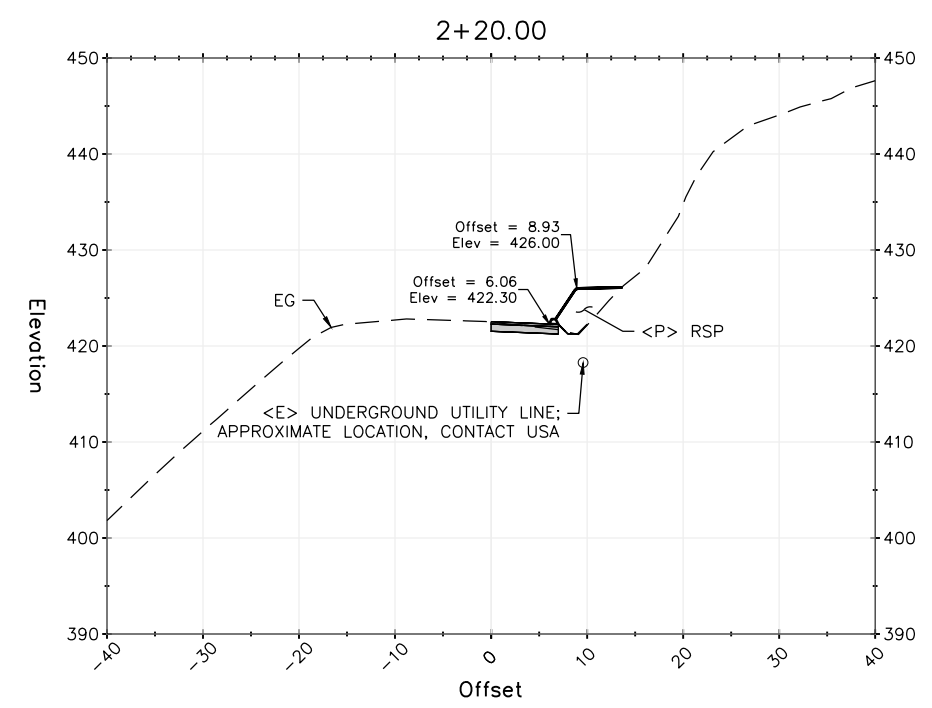
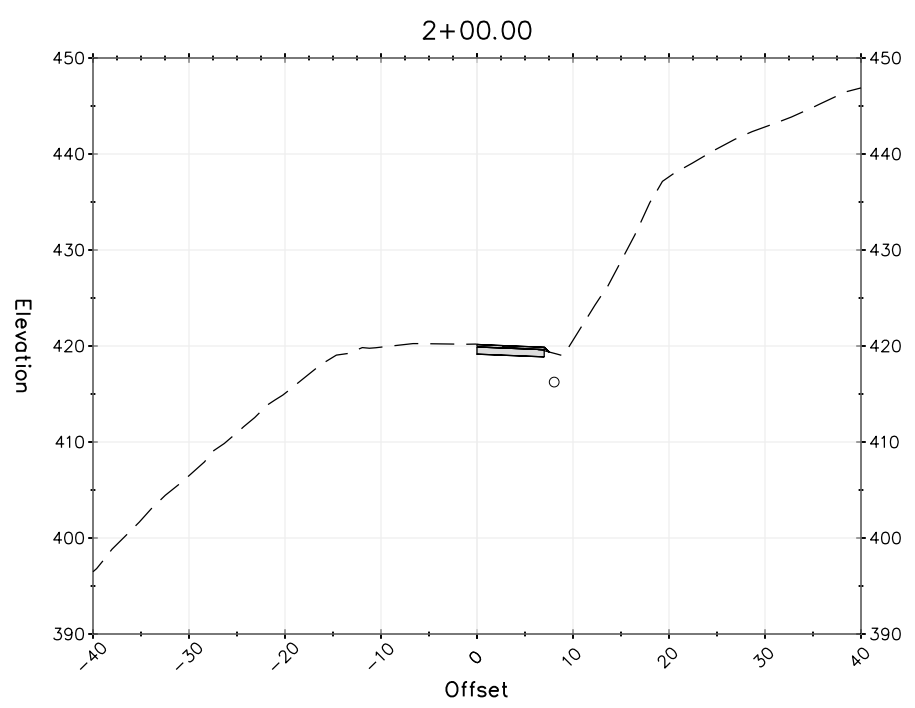
PLAN VIEW
 SCALE: 1"=10'



BAR IS ONE INCH ON ORIGINAL DRAWING	ROAD NAME: DYERVILLE LOOP ROAD	DESIGN SECTION
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	ROAD NO.: 6D100	ENGINEERING
	MILE POST: 1.64	DESIGNED BY: JAB
	PROJECT NO.: FEMA-4308-DR-CA PW-00894(0)	DRAWN BY: RMD
	CONTRACT NO.: 217543	REVIEWED BY: JAB
	DRAWING FILE NAME: 217543_CDSN164	APPROVED BY: TRS
	PLOT DATE: 06/10/2022	REVISION DATE:

COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS
STORM DAMAGE REPAIR TO DYERVILLE LOOP ROAD
PM 1.64 - SECTION VIEWS

SHEET
16
OF
32



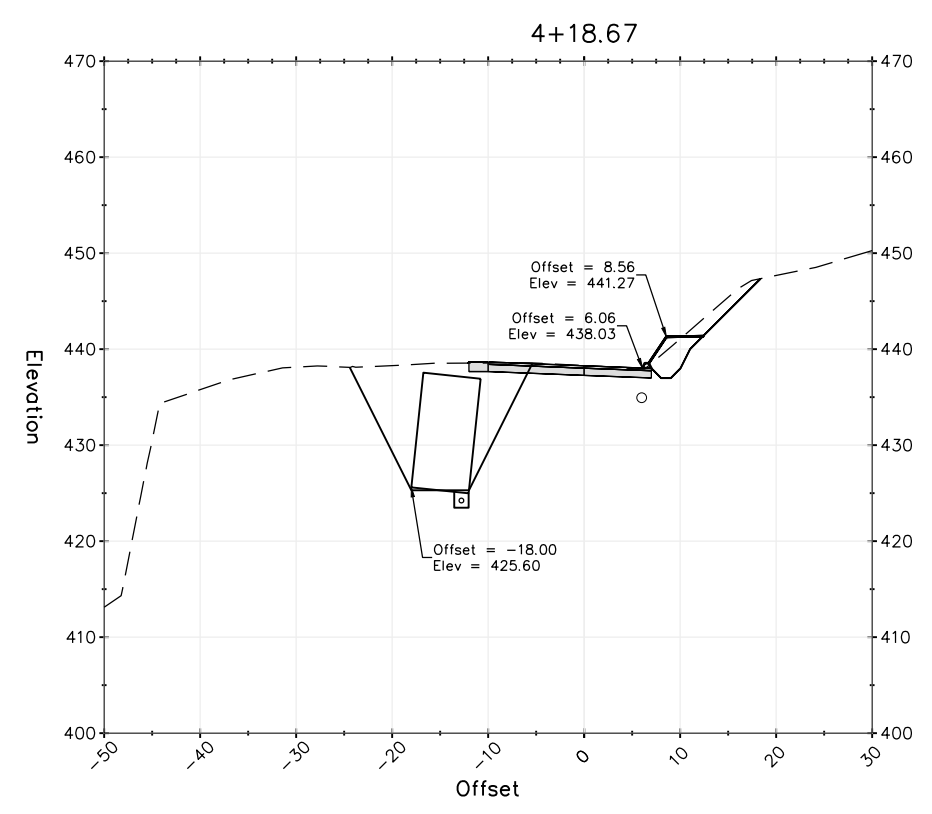
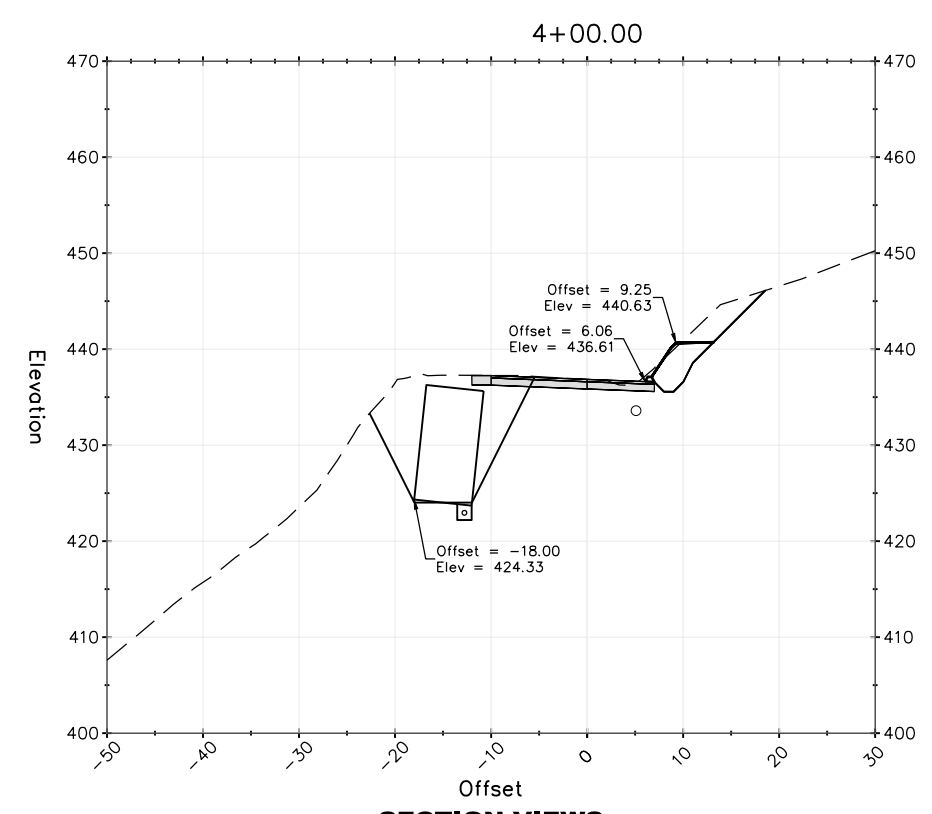
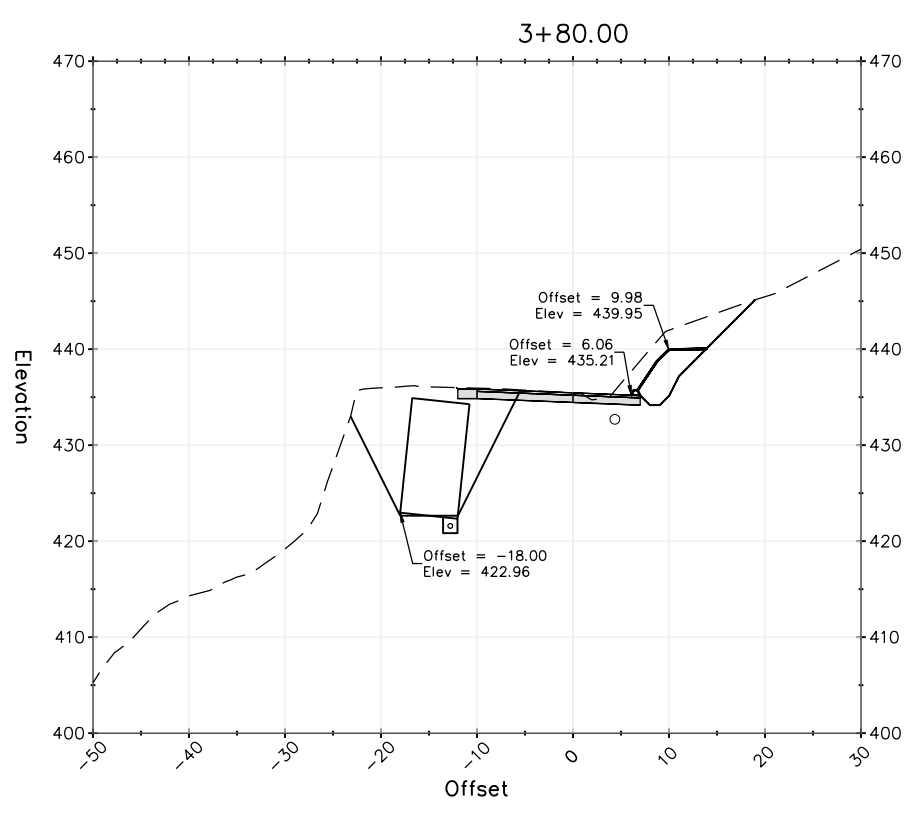
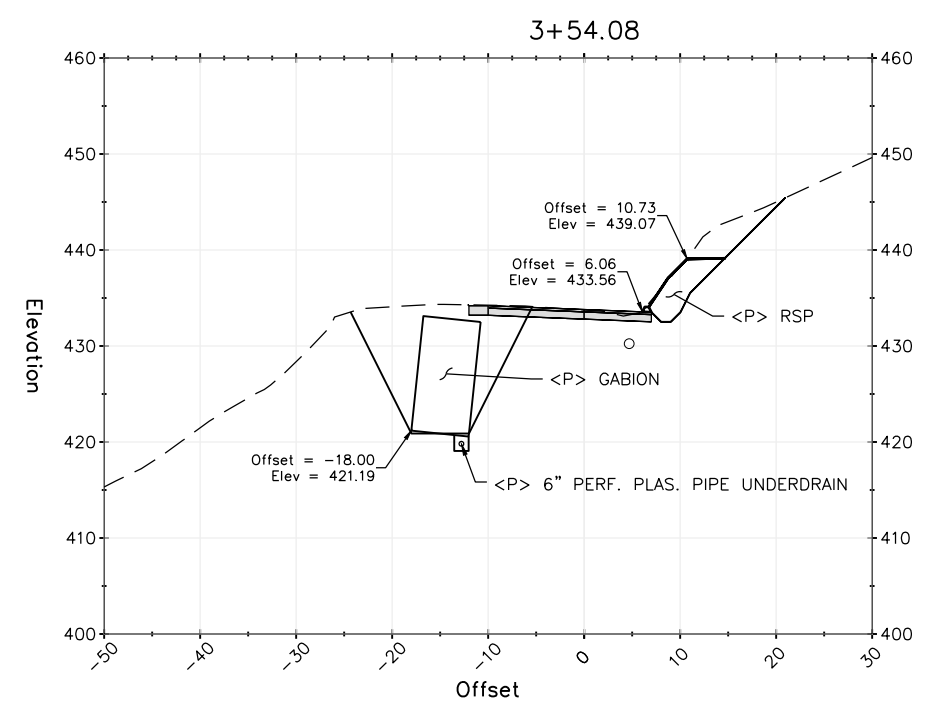
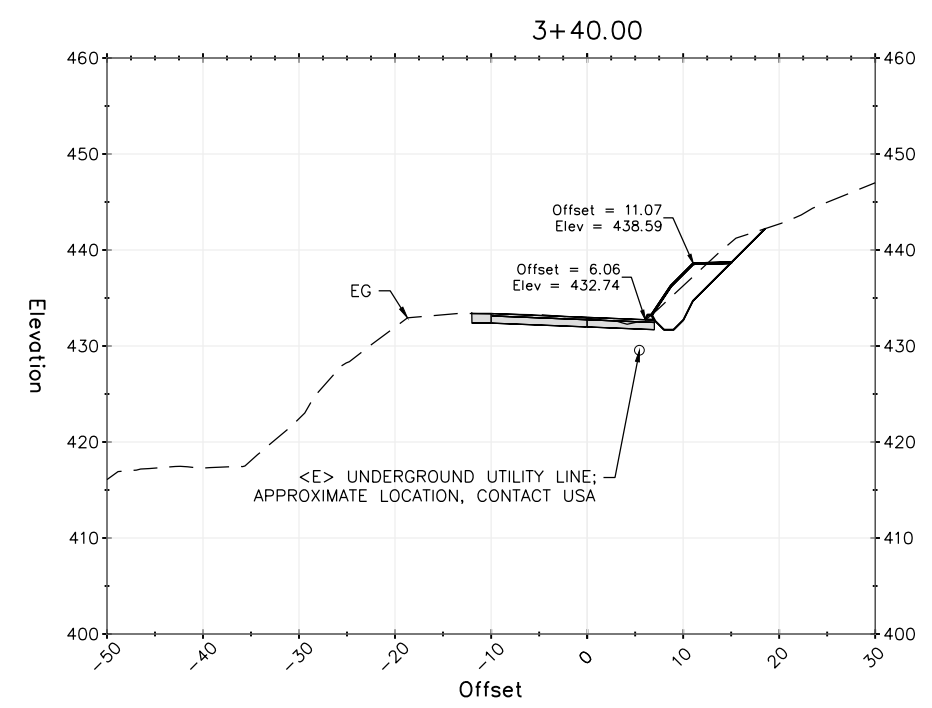
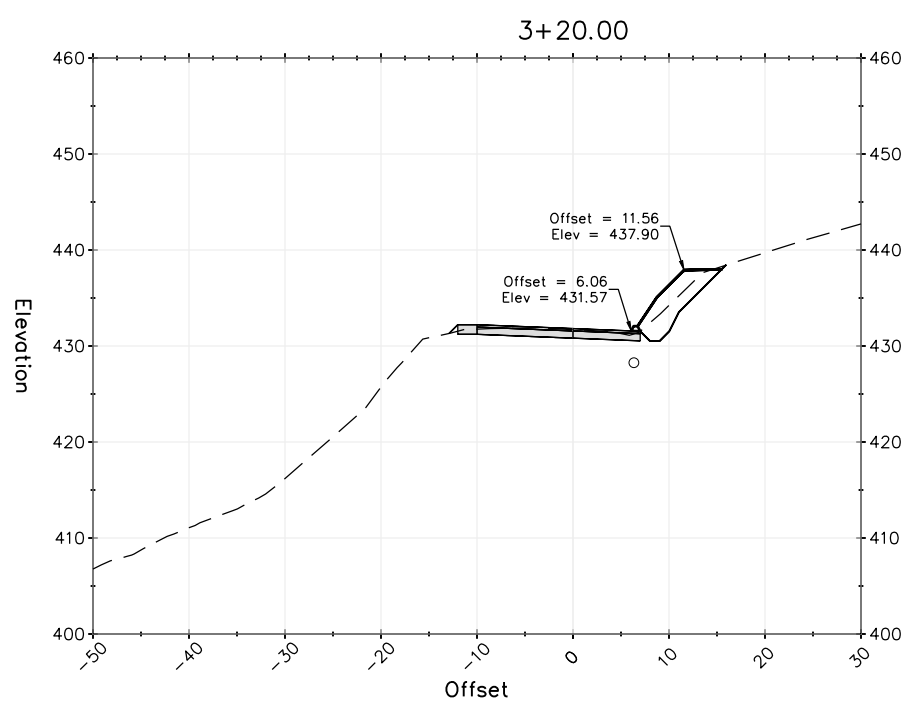
SECTION VIEWS
SCALE: 1"=10'



BAR IS ONE INCH ON ORIGINAL DRAWING	ROAD NAME: DYERVILLE LOOP ROAD	DESIGN SECTION
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	ROAD NO.: 6D100	ENGINEERING
	MILE POST: 1.64	DESIGNED BY: JAB
	PROJECT NO.: FEMA-4308-DR-CA PW-00894(0)	DRAWN BY: RMD
	CONTRACT NO.: 217543	REVIEWED BY: JAB
	DRAWING FILE NAME: 217543_CDSN164	APPROVED BY: TRS
	PLOT DATE: 06/10/2022	REVISION DATE:

COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS
STORM DAMAGE REPAIR TO DYERVILLE LOOP ROAD
PM 1.64 - SECTION VIEWS

SHEET
17
OF
32

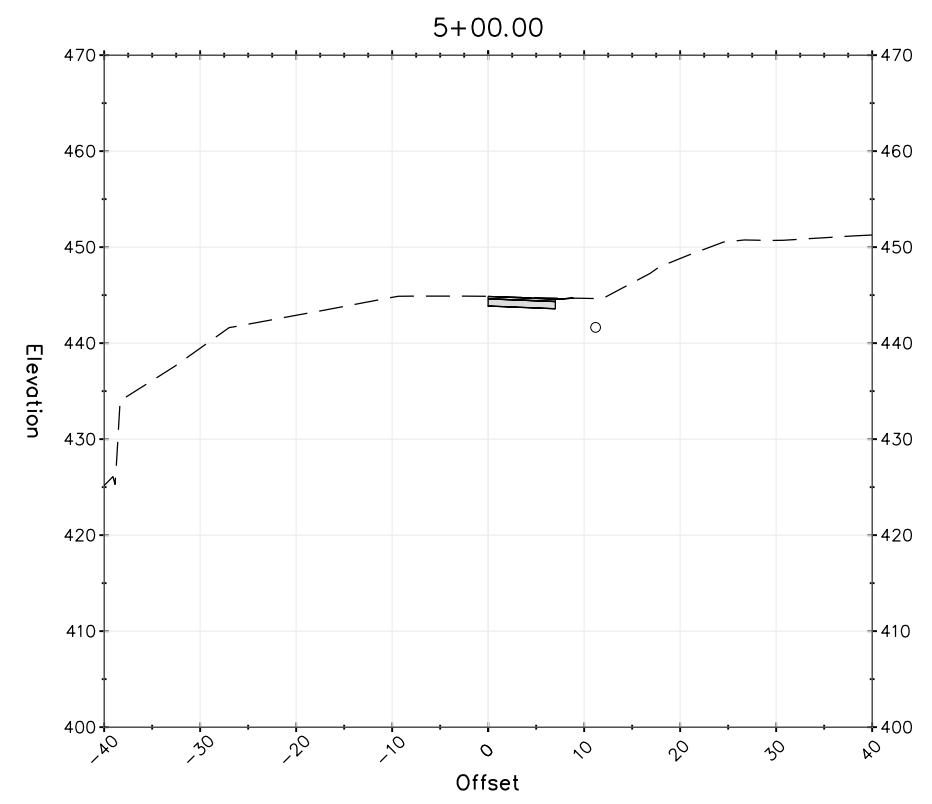
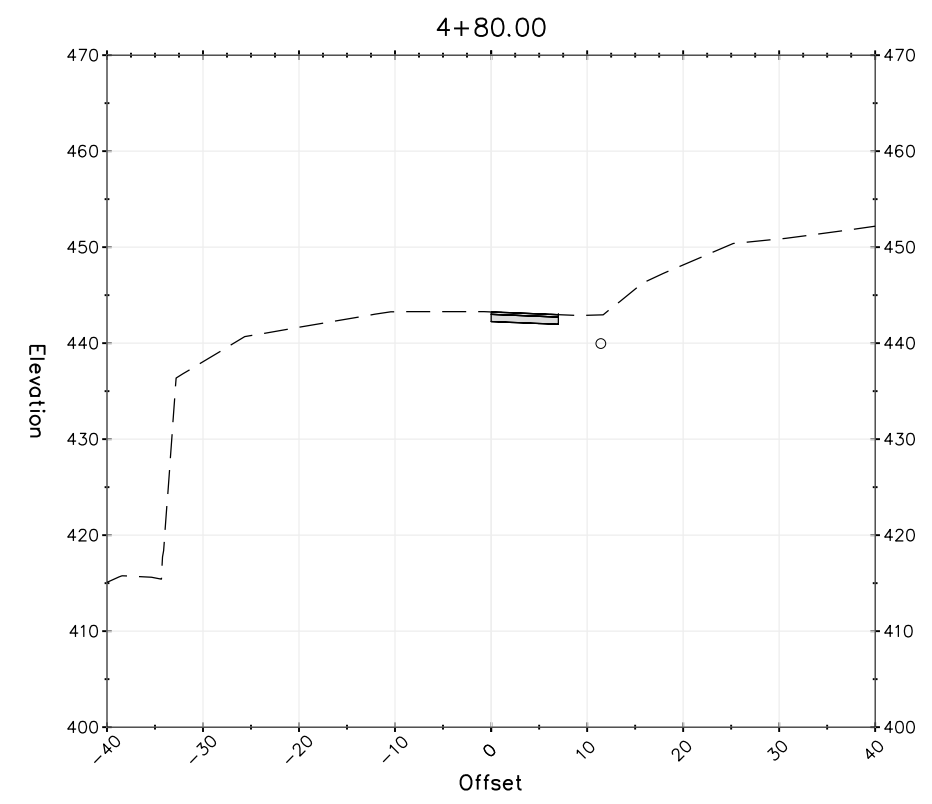
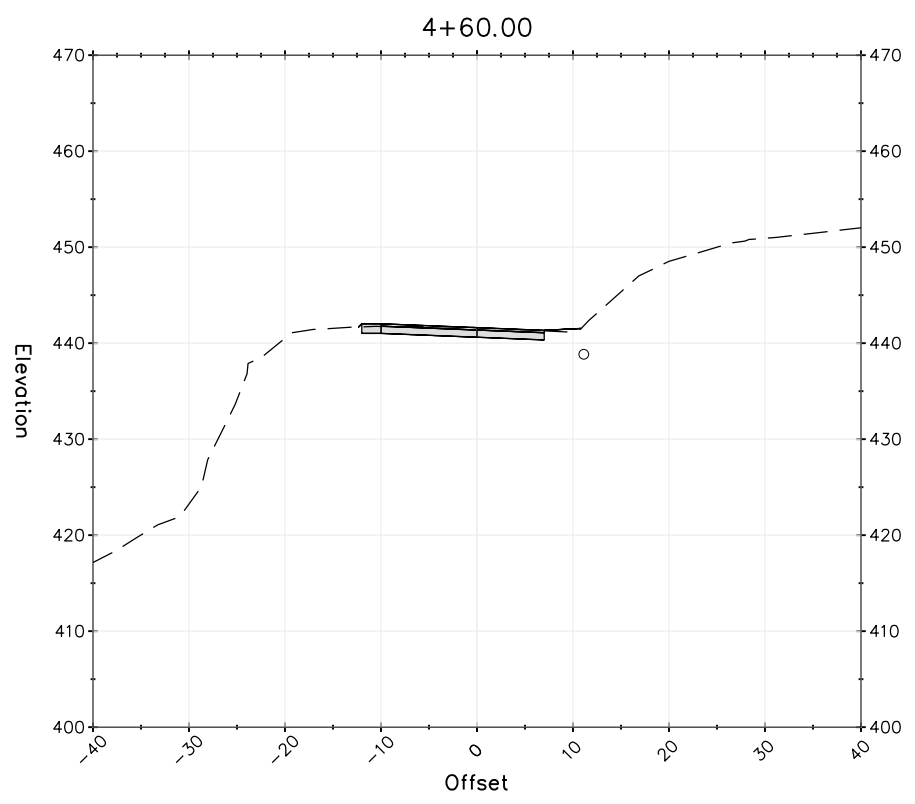
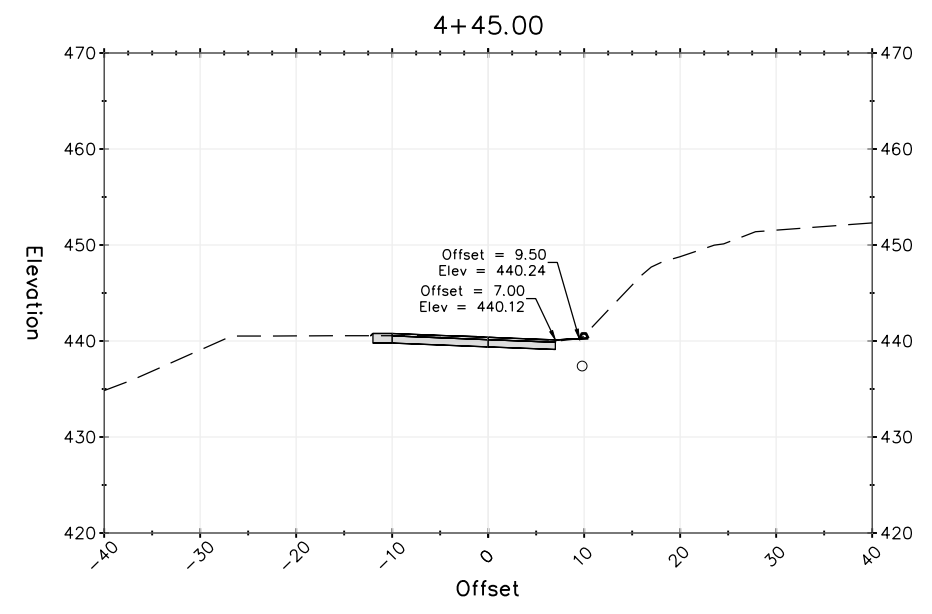
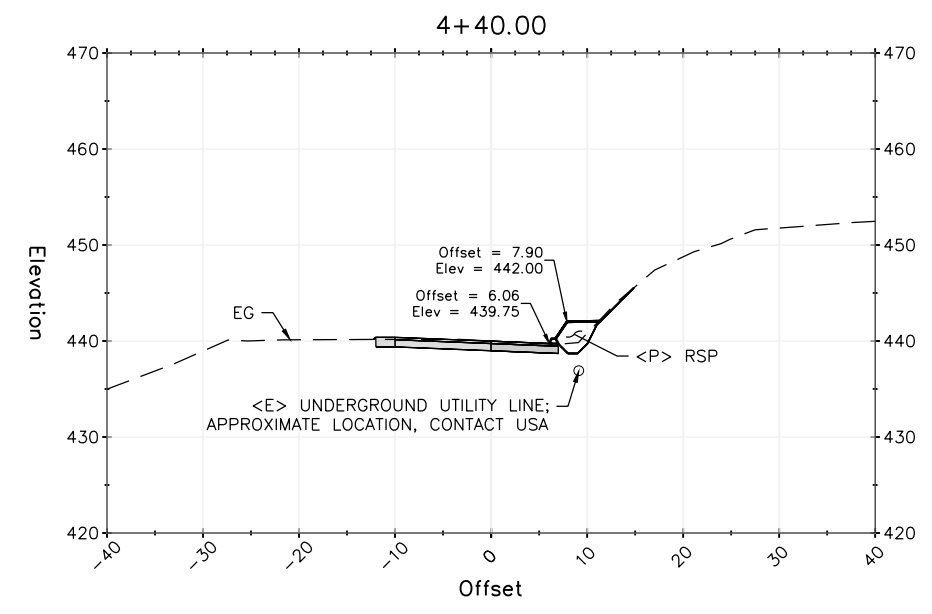
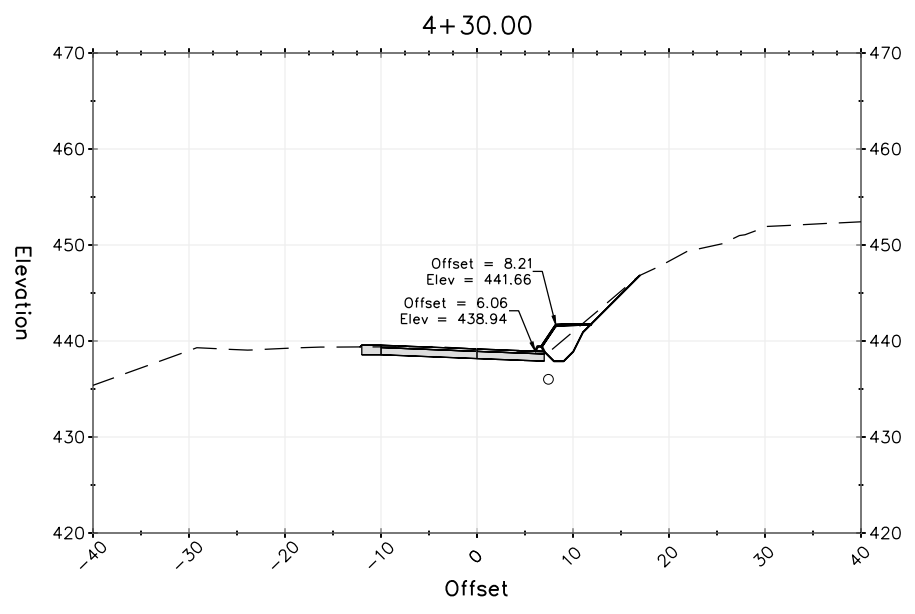


SECTION VIEWS
SCALE: 1"=10'



BAR IS ONE INCH ON ORIGINAL DRAWING	ROAD NAME: DYERVILLE LOOP ROAD	DESIGN SECTION
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	ROAD NO.: 6D100	ENGINEERING
	MILE POST: 1.64	DESIGNED BY: JAB
	PROJECT NO.: FEMA-4308-DR-CA PW-00894(0)	DRAWN BY: RMD
	CONTRACT NO.: 217543	REVIEWED BY: JAB
	DRAWING FILE NAME: 217543_CDSN164	APPROVED BY: TRS
	PLOT DATE: 06/10/2022	REVISION DATE:

COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS STORM DAMAGE REPAIR TO DYERVILLE LOOP ROAD PM 1.64 - SECTION VIEWS	SHEET
	18
	OF
	32



SECTION VIEWS
SCALE: 1"=10'



BAR IS ONE INCH ON ORIGINAL DRAWING IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	ROAD NAME: DYERVILLE LOOP ROAD	DESIGN SECTION: ENGINEERING	COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS STORM DAMAGE REPAIR TO DYERVILLE LOOP ROAD PM 2.03 – SURVEY CONTROL	SHEET 19 OF 32	
	ROAD NO.: 6D100	MILE POST: 2.03			DESIGNED BY: JAB
	PROJECT NO.: FEMA-4308-DR-CA PW-00894(0)				DRAWN BY: RMD
	CONTRACT NO.: 217378				REVIEWED BY: JAB
	DRAWING FILE NAME: 217378_CDSN203	REVISION DATE:	APPROVED BY: TRS		
	PLOT DATE: 06/09/2022				

Point #	Raw Description	Northing	Easting	Elevation
101	CP/80D&TAGHUMCOSURVEY	5234.90	10080.88	5025.07
102	CP/MAG&TAGHUMCOSURVEY	5000.00	10000.00	5000.00
103	CP/80D&TAGHUMCOSURVEY	5024.26	10079.72	4991.69
104	CP/80D&TAGHUMCOSURVEY	5097.53	10176.72	4978.58

BASIS OF BEARINGS NOTE

THE BEARINGS ARE BASED ON TIES BETWEEN THE CONTROL POINT #102 AND CONTROL POINT #101 WITH A COMPASS BEARING OF N19°00'00"E.

ELEVATION NOTE

ELEVATIONS ARE BASED UPON THE ASSUMED ELEVATION OF CONTROL POINT #102 BEING 5000.00'.

RIGHT OF WAY NOTE

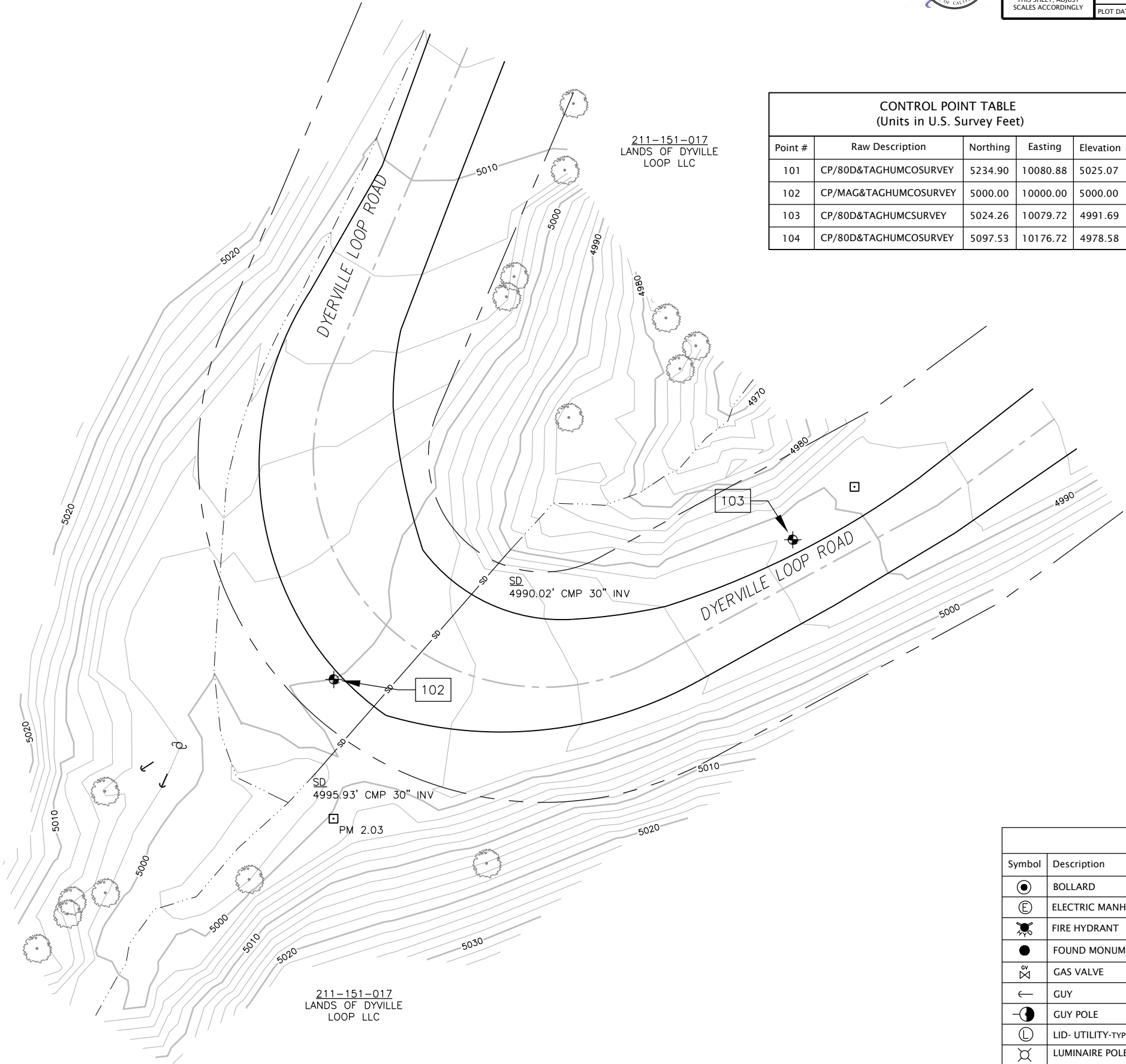
THE RIGHT OF WAY FOR THIS PROJECT IS 40', 20' EACH SIDE OF CENTERLINE, BASED UPON THE FOLLOWING DEEDS: 1190R491, 1190R500, 1640R083

SURVEY NOTES:

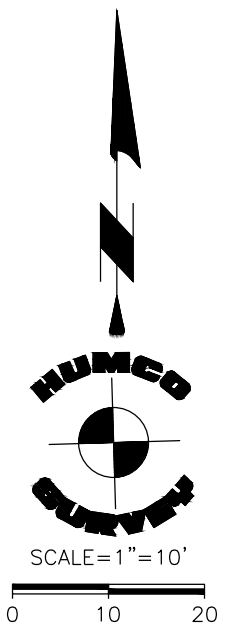
1. The purpose of this survey is to determine topography for a culvert replacement.
2. Underground utilities research was not performed. There were visible utility poles and utility locate paint in this area. Only the poles were tied at the time of this survey.
3. There may be symbols shown in the Symbol legend that are not used in this survey.

LINE LEGEND

- ROAD CENTERLINE
- - - - RIGHT OF WAY
- FLOW LINE
- EDGE OF PAVEMENT



Symbol	Description	Symbol	Description	Symbol	Description
⊙	BOLLARD	⊙	MAILBOX	⊕	STORM DRAIN MANHOLE
ⓔ	ELECTRIC MANHOLE	⊙	PUSH BUTTON PEDESTRIAN POST	⊙	STUMP
⚡	FIRE HYDRANT	⊙	RISER	⊙	TREE
●	FOUND MONUMENT	Ⓞ	SANITARY SEWER CLEANOUT	Ⓞ	UNDERGROUND VAULT
Ⓧ	GAS VALVE	Ⓞ	SANITARY SEWER MANHOLE	Ⓞ	UNDERGROUND LARGE VAULT
←	GUY	⊙	CONTROL POINT	⊙	JOINT USE UTILITY POLE
⊙	GUY POLE	⊙	SIGN	⊙	WATER METER
Ⓞ	LID- UTILITY-TYPE IN POINT CODE	⊙	SIGNAL POLE	⊙	WATER VALVE
⊙	LUMINAIRE POLE				



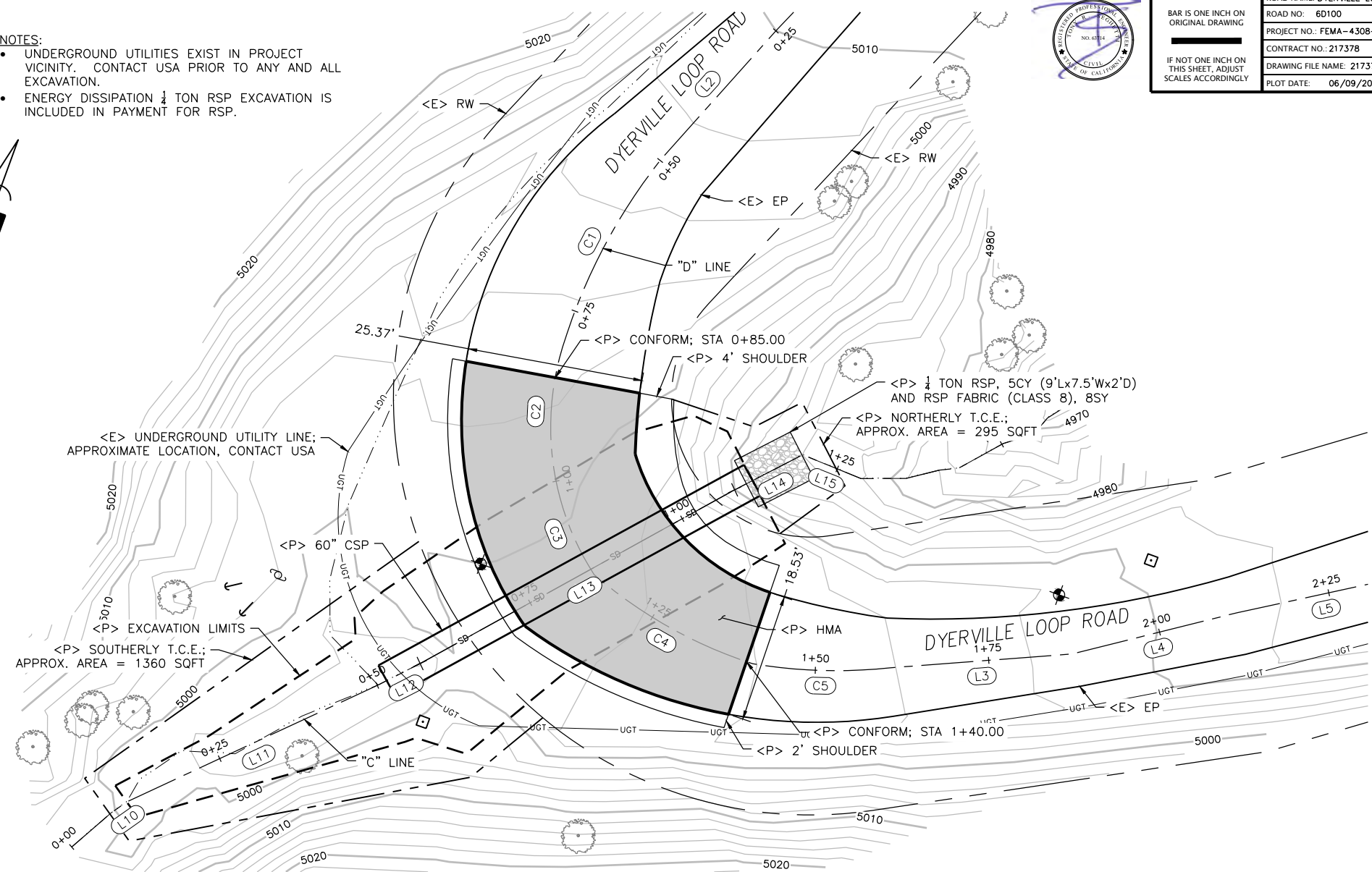
- NOTES:
- UNDERGROUND UTILITIES EXIST IN PROJECT VICINITY. CONTACT USA PRIOR TO ANY AND ALL EXCAVATION.
 - ENERGY DISSIPATION 1/4 TON RSP EXCAVATION IS INCLUDED IN PAYMENT FOR RSP.



ROAD NAME: DYERVILLE LOOP ROAD	DESIGN SECTION: ENGINEERING
PROJECT NO.: 6D100	MILE POST: 2.03
PROJECT NO.: FEMA-4308-DR-CA PW-00894(0)	DESIGNED BY: JAB
CONTRACT NO.: 217378	DRAWN BY: RMD
DRAWING FILE NAME: 217378_CDSN203	REVIEWED BY: JAB
PLOT DATE: 06/09/2022	REVISION DATE:
	APPROVED BY: TRS

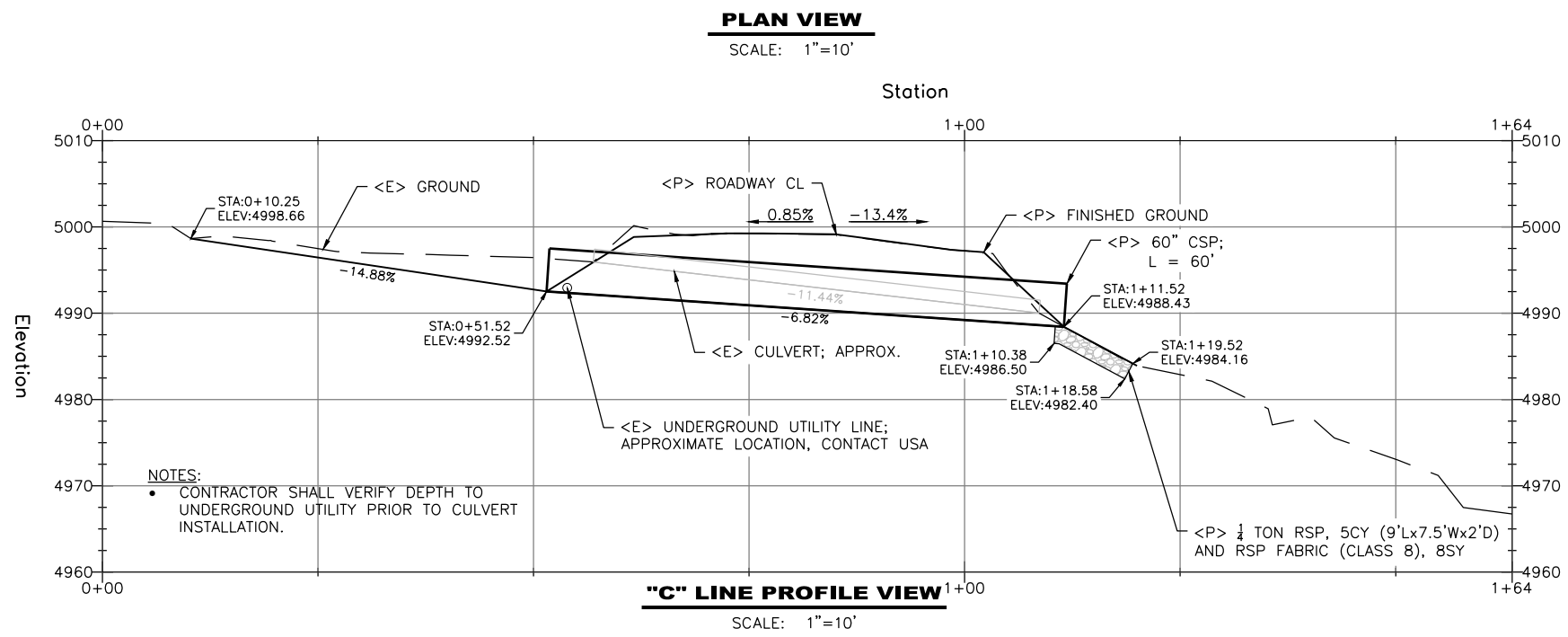
COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS
STORM DAMAGE REPAIR TO DYERVILLE LOOP ROAD
PM 2.03 - PLAN AND PROFILE

SHEET
20
OF
32



SEGMENT	LENGTH	BEARING/DELTA	RADIUS	TANGENT	START	END
L1	24.74'	S23°29'49"W			STA: 0+00.00 N: 5109.54 E: 10023.63	STA: 0+24.74 N: 5086.85 E: 10013.77
L2	24.98'	S21°48'51"W			STA: 0+24.74 N: 5086.85 E: 10013.77	STA: 0+49.72 N: 5063.65 E: 10004.48
C1	30.77'	021°21'34"	82.53'	15.56'	STA: 0+49.72 N: 5063.65 E: 10004.48	STA: 0+80.49 N: 5033.34 E: 10000.40
C2	19.10'	027°46'34"	39.39'	9.74'	STA: 0+80.49 N: 5033.34 E: 10000.40	STA: 0+99.59 N: 5015.24 E: 10005.89
C3	15.00'	022°09'40"	38.78'	7.59'	STA: 0+99.59 N: 5015.24 E: 10005.89	STA: 1+14.59 N: 5004.14 E: 10015.84
C4	26.34'	022°49'12"	66.14'	13.35'	STA: 1+14.59 N: 5004.14 E: 10015.84	STA: 1+40.93 N: 5004.14 E: 10041.66
C5	19.79'	015°39'55"	72.38'	9.96'	STA: 1+40.93 N: 4999.87 E: 10041.66	STA: 1+60.72 N: 5006.06 E: 10060.39
L3	26.31'	N65°39'59"E			STA: 1+60.72 N: 5006.06 E: 10060.39	STA: 1+87.03 N: 5016.90 E: 10084.37
L4	24.46'	N55°58'43"E			STA: 1+87.03 N: 5016.90 E: 10084.37	STA: 2+11.50 N: 5030.59 E: 10104.64
L5	25.32'	N57°43'42"E			STA: 2+11.50 N: 5030.59 E: 10104.64	STA: 2+36.82 N: 5044.11 E: 10126.05

SEGMENT	LENGTH	BEARING/DELTA	RADIUS	TANGENT	START	END
L10	2.69'	N34°40'11"E			STA: 0+07.56 N: 4948.20 E: 9962.30	STA: 0+10.25 N: 4950.42 E: 9963.84
L11	39.89'	N45°04'42"E			STA: 0+10.25 N: 4950.42 E: 9963.84	STA: 0+50.14 N: 4978.59 E: 9992.08
L12	6.77'	N42°57'37"E			STA: 0+50.14 N: 4978.59 E: 9992.08	STA: 0+56.92 N: 4983.54 E: 9996.70
L13	51.70'	N41°05'06"E			STA: 0+56.92 N: 4983.54 E: 9996.70	STA: 1+08.62 N: 5022.51 E: 10030.67
L14	11.02'	N42°48'58"E			STA: 1+08.62 N: 5022.51 E: 10030.67	STA: 1+19.64 N: 5030.60 E: 10038.16
L15	9.04'	S87°46'07"E			STA: 1+19.64 N: 5030.60 E: 10038.16	STA: 1+28.68 N: 5030.24 E: 10047.20

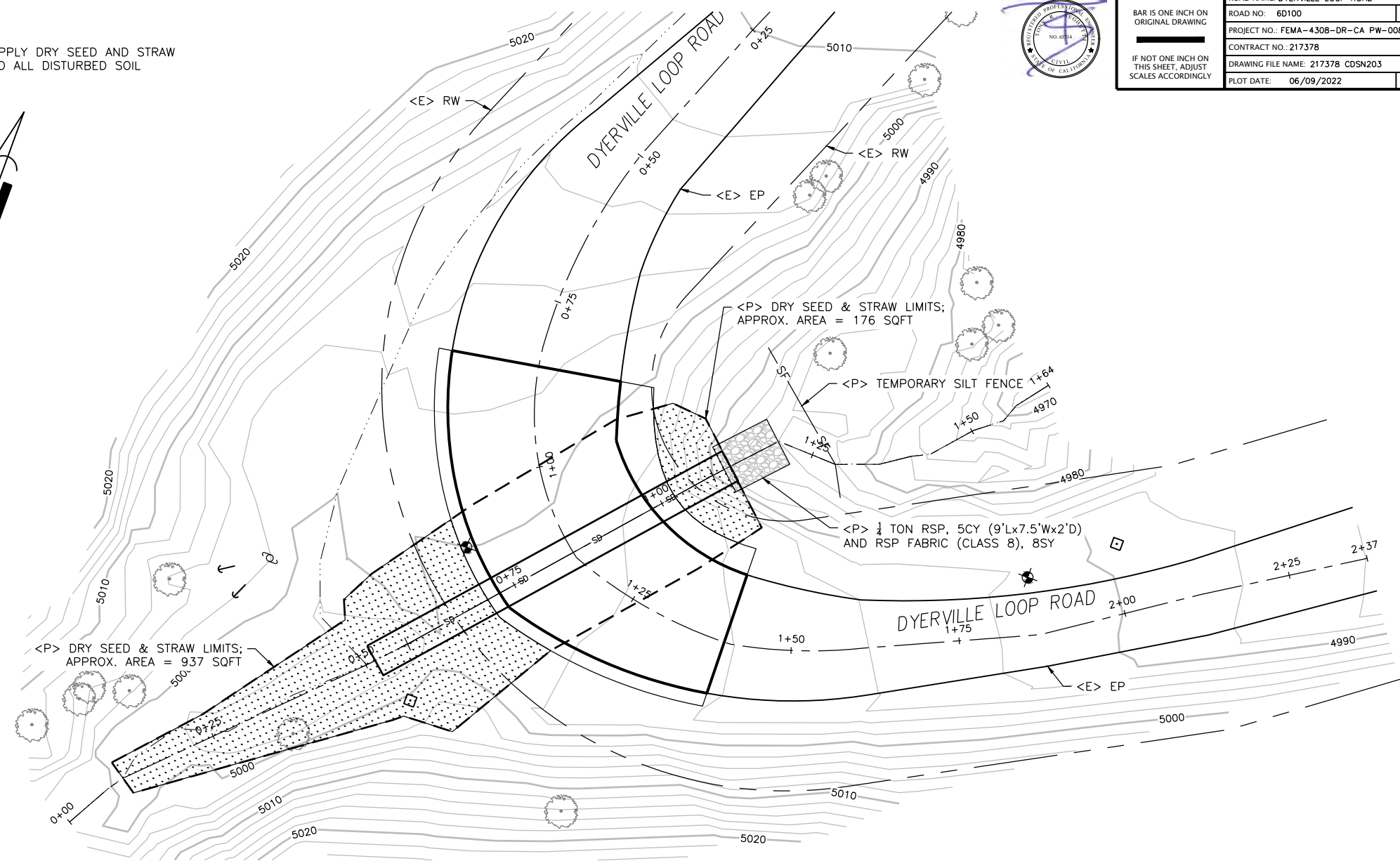


- NOTES:
- CONTRACTOR SHALL VERIFY DEPTH TO UNDERGROUND UTILITY PRIOR TO CULVERT INSTALLATION.

NOTE:
 • APPLY DRY SEED AND STRAW TO ALL DISTURBED SOIL



BAR IS ONE INCH ON ORIGINAL DRAWING IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	ROAD NAME: DYERVILLE LOOP ROAD ROAD NO.: 6D100 PROJECT NO.: FEMA-4308-DR-CA PW-00894(0) CONTRACT NO.: 217378 DRAWING FILE NAME: 217378_CDSN203 PLOT DATE: 06/09/2022	MILE POST: 2.03 DESIGNED BY: JAB DRAWN BY: RMD REVIEWED BY: JAB APPROVED BY: TRS	COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS STORM DAMAGE REPAIR TO DYERVILLE LOOP ROAD PM 2.03 - EROSION CONTROL	DESIGN SECTION ENGINEERING SHEET 21 OF 32
	REVISION DATE:	APPROVED BY: TRS		



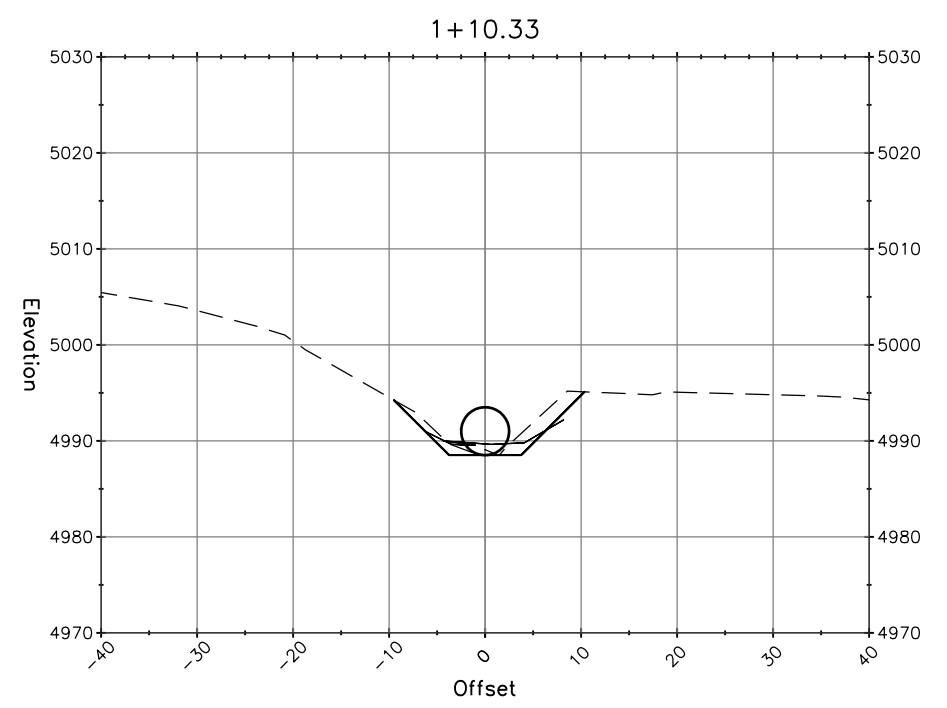
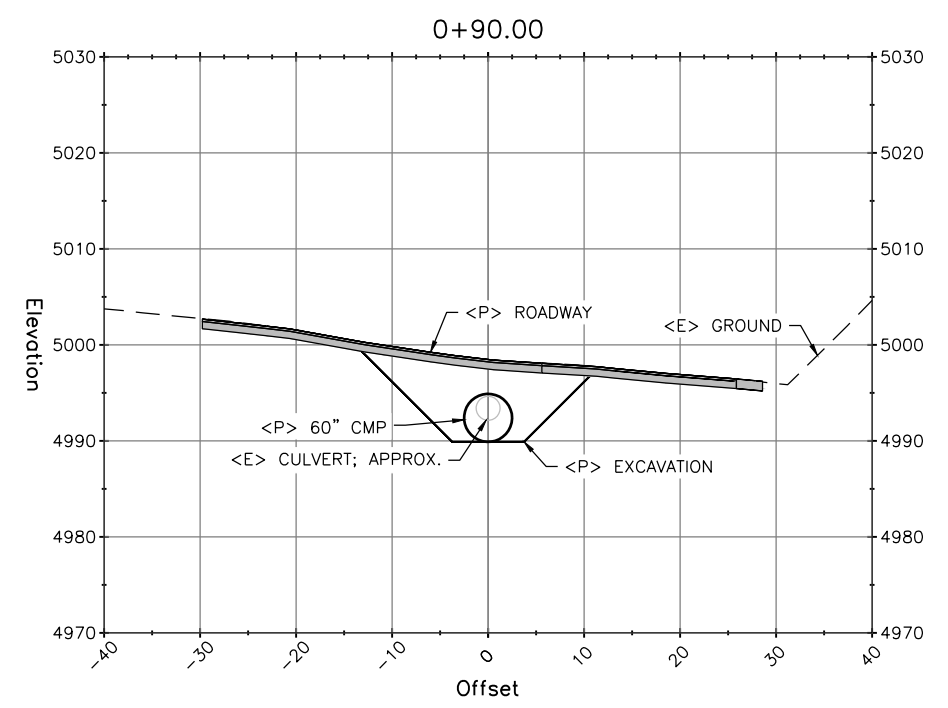
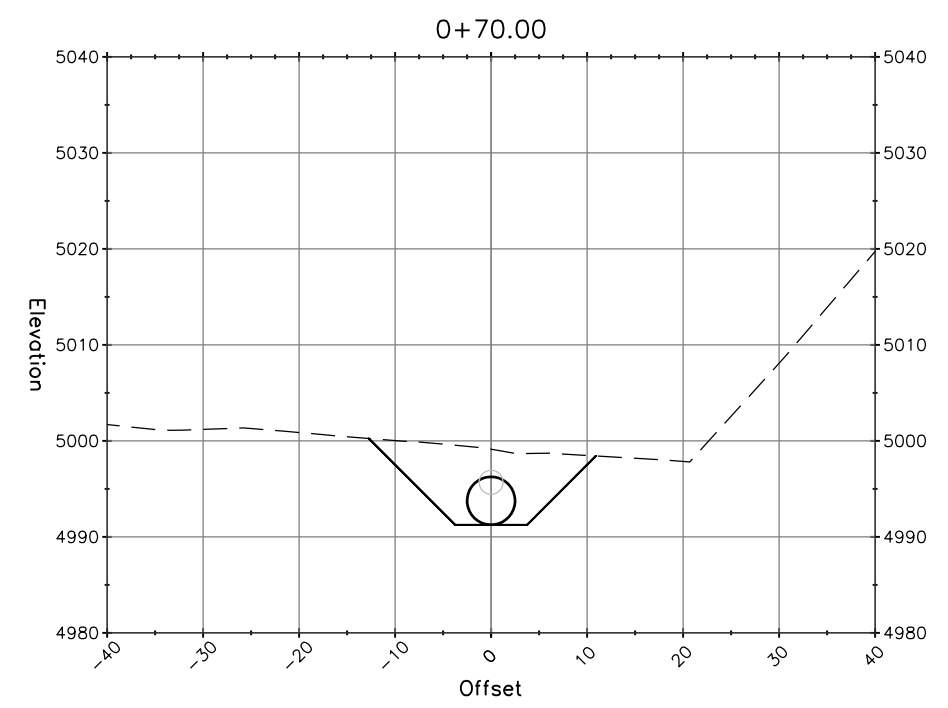
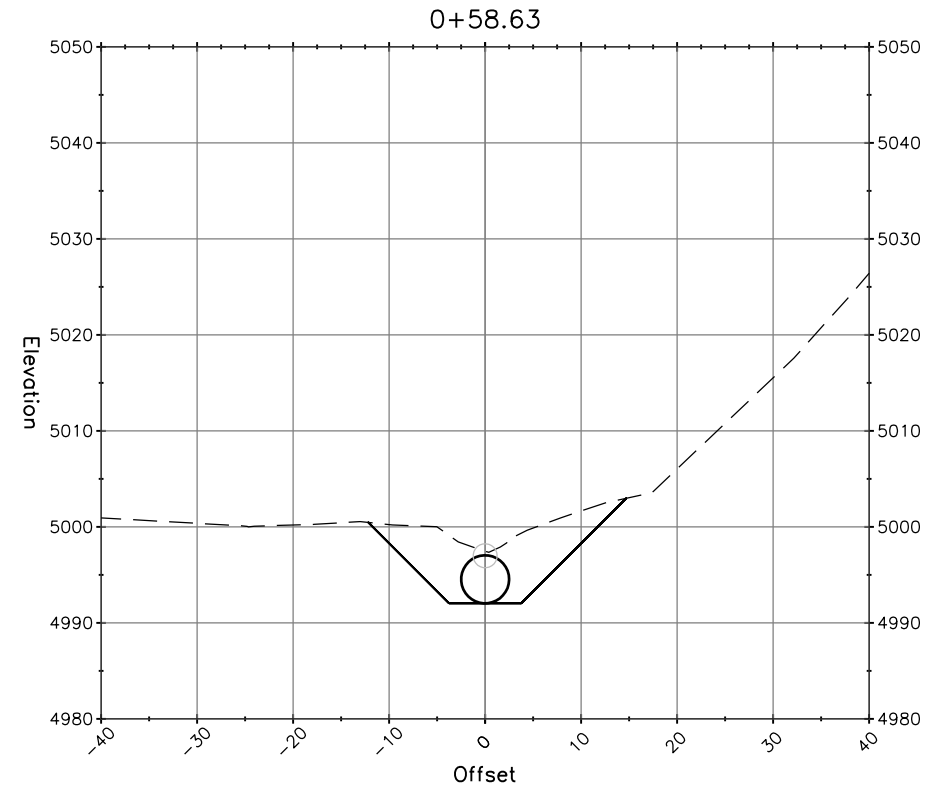
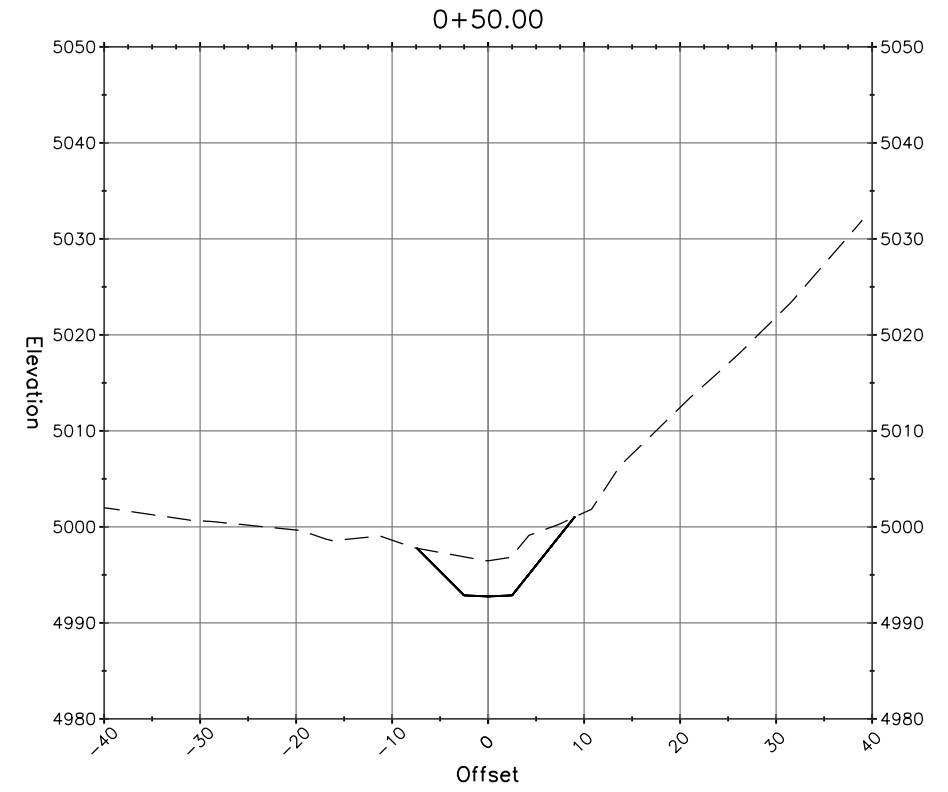
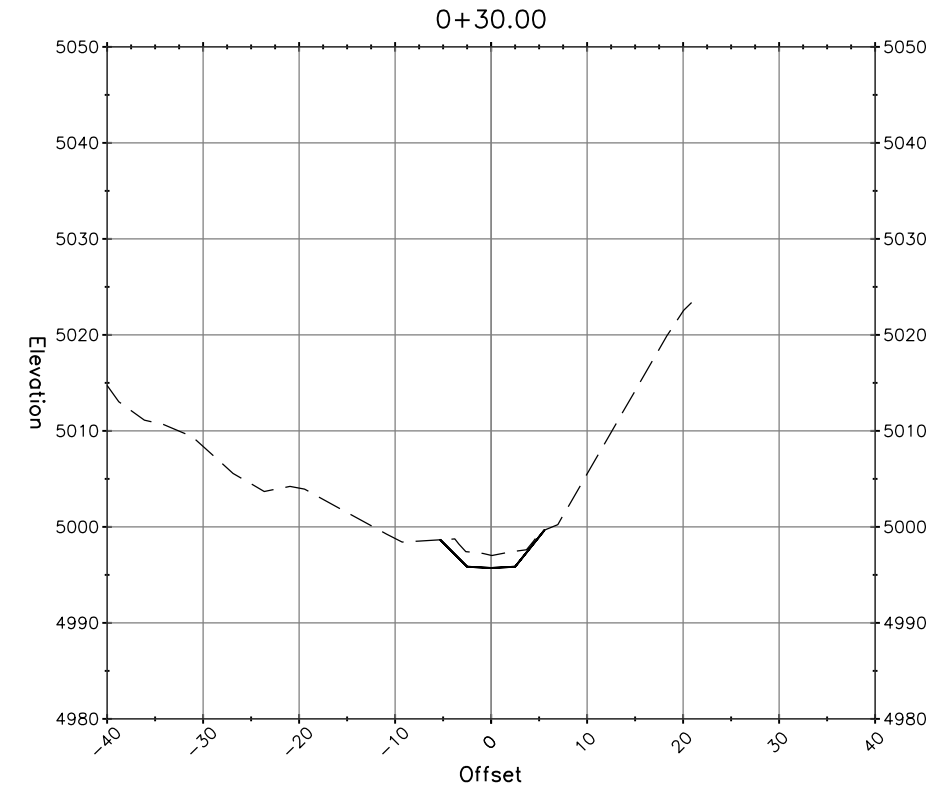
PLAN VIEW
 SCALE: 1"=10'



BAR IS ONE INCH ON ORIGINAL DRAWING	ROAD NAME: DYERVILLE LOOP ROAD	DESIGN SECTION ENGINEERING
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	ROAD NO.: 6D100	MILE POST: 2.03
	PROJECT NO.: FEMA-4308-DR-CA PW-00894(0)	DESIGNED BY: JAB
	CONTRACT NO.: 217378	DRAWN BY: RMD
	DRAWING FILE NAME: 217378 CDSN203	REVIEWED BY: JAB
	PLOT DATE: 06/09/2022	REVISION DATE:
		APPROVED BY: TRS

COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS
STORM DAMAGE REPAIR TO DYERVILLE LOOP ROAD
PM 2.03 - SECTION VIEWS

SHEET
22
OF
32



"C" LINE SECTION VIEWS
SCALE: 1"=10'

BASIS OF BEARINGS NOTE

THE BEARINGS ARE BASED ON TIES BETWEEN THE CONTROL POINT #102 AND CONTROL POINT #101 WITH A COMPASS BEARING OF N19°00'00"E. COORDINATE SYSTEM IS ASSUMED WITH CONTROL POINT #102 BEING 5,000 NORTHING AND 10,000 EASTING.

ELEVATION NOTE

ELEVATIONS ARE BASED UPON THE ASSUMED ELEVATION OF CONTROL POINT #102 BEING 5000.00'.

RIGHT OF WAY NOTE

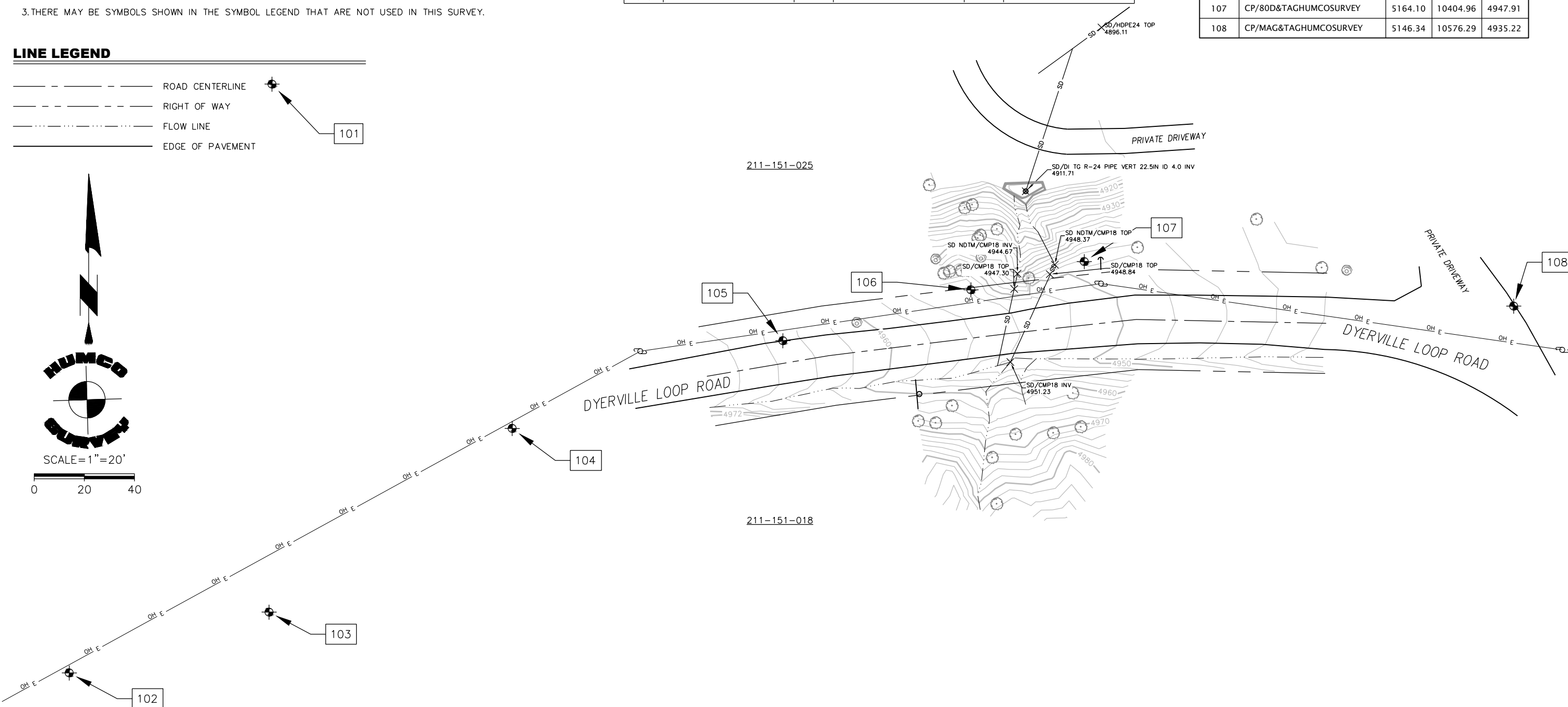
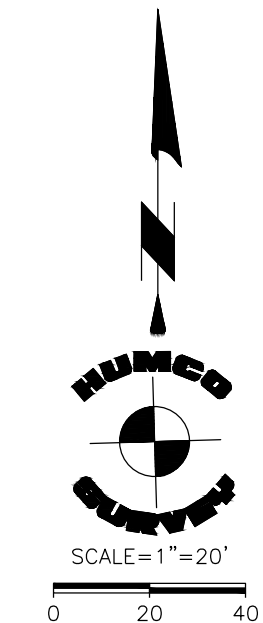
THE RIGHT OF WAY FOR THIS PROJECT IS 40', 20' EACH SIDE OF CENTERLINE, BASED UPON THE FOLLOWING DEEDS: 119OR491, 119OR500, 164OR083

SURVEY NOTE

1. THE PURPOSE OF THIS SURVEY IS TO DETERMINE TOPOGRAPHY FOR A CULVERT REPLACEMENT.
2. UNDERGROUND UTILITIES RESEARCH WAS NOT PERFORMED. ONLY VISIBLE UTILITIES WERE TIED AT THE TIME OF THIS SURVEY.
3. THERE MAY BE SYMBOLS SHOWN IN THE SYMBOL LEGEND THAT ARE NOT USED IN THIS SURVEY.

LINE LEGEND

	ROAD CENTERLINE
	RIGHT OF WAY
	FLOW LINE
	EDGE OF PAVEMENT



BAR IS ONE INCH ON ORIGINAL DRAWING	ROAD NAME: DYERVILLE LOOP ROAD	DESIGN SECTION: ENGINEERING
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	ROAD NO: 6D100 MILE POST: 2.10	ENGINEER: JAB
	PROJECT NO.: FEMA-4308-DR-CA PW-00894(0)	DESIGNED BY: JAB
	CONTRACT NO.: 217378	DRAWN BY: RMD
	DRAWING FILE NAME: 217378 CDSN210	REVIEWED BY: JAB
	PLOT DATE: 06/09/2022	APPROVED BY: TRS
	REVISION DATE:	

COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS	SHEET 23 OF 32
STORM DAMAGE REPAIR TO DYERVILLE LOOP ROAD	
PM 2.10 - SURVEY CONTROL	

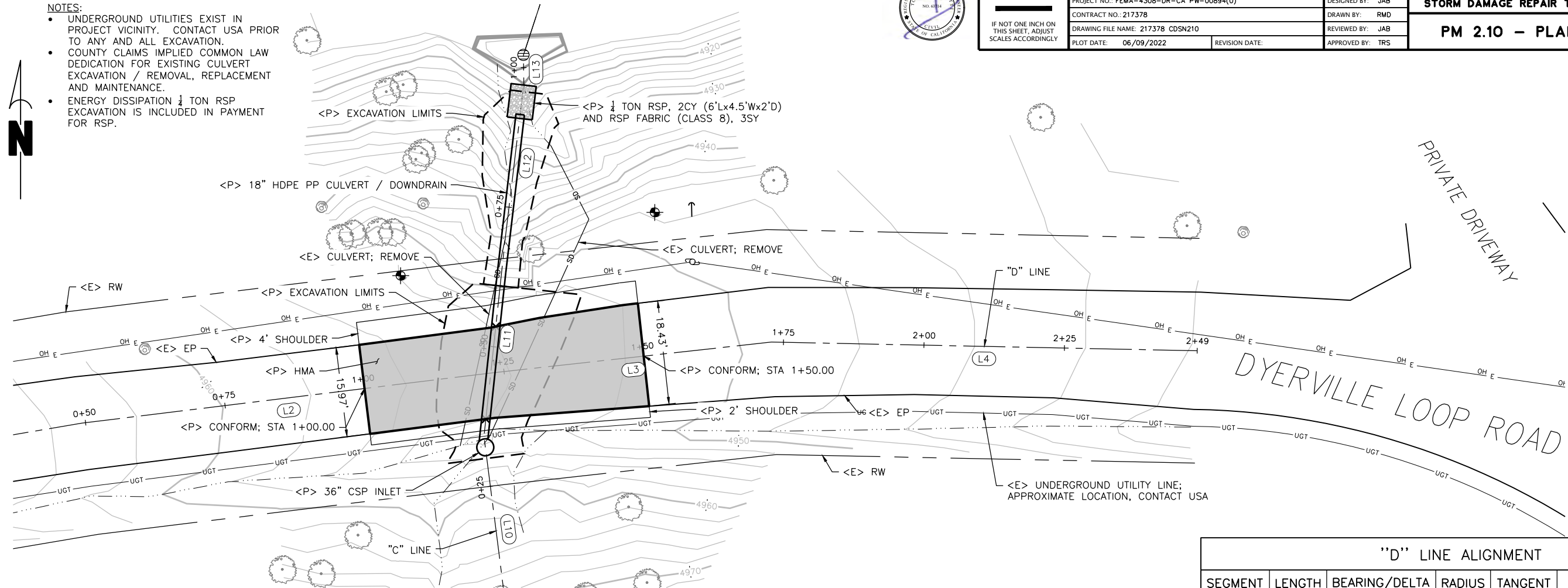
Symbol	Description	Symbol	Description	Symbol	Description
	BOLLARD		MAILBOX		STORM DRAIN MANHOLE
	ELECTRIC MANHOLE		PUSH BUTTON PEDESTRIAN POST		STUMP
	FIRE HYDRANT		RISER		TREE
	FOUND MONUMENT		SANITARY SEWER CLEANOUT		UNDERGROUND VAULT
	GAS VALVE		SANITARY SEWER MANHOLE		UNDERGROUND LARGE VAULT
	GUY		CONTROL POINT		JOINT USE UTILITY POLE
	GUY POLE		SIGN		WATER METER
	LID- UTILITY-TYPE IN POINT CODE		SIGNAL POLE		WATER VALVE
	LUMINAIRE POLE				

Point #	Raw Description	Northing	Easting	Elevation
101	CP/80D&TAGHUMCOSURVEY	5234.90	10080.88	5025.07
102	CP/MAG&TAGHUMCOSURVEY	5000.00	10000.00	5000.00
103	CP/80D&TAGHUMCOSURVEY	5024.26	10079.72	4991.69
104	CP/80D&TAGHUMCOSURVEY	5097.53	10176.72	4978.58
105	CP/GINSPIKE&TAGHUMCOSURVEY	5132.54	10284.72	4964.90
106	CP/80D&TAGHUMCOSURVEY	5152.83	10359.75	4954.40
107	CP/80D&TAGHUMCOSURVEY	5164.10	10404.96	4947.91
108	CP/MAG&TAGHUMCOSURVEY	5146.34	10576.29	4935.22



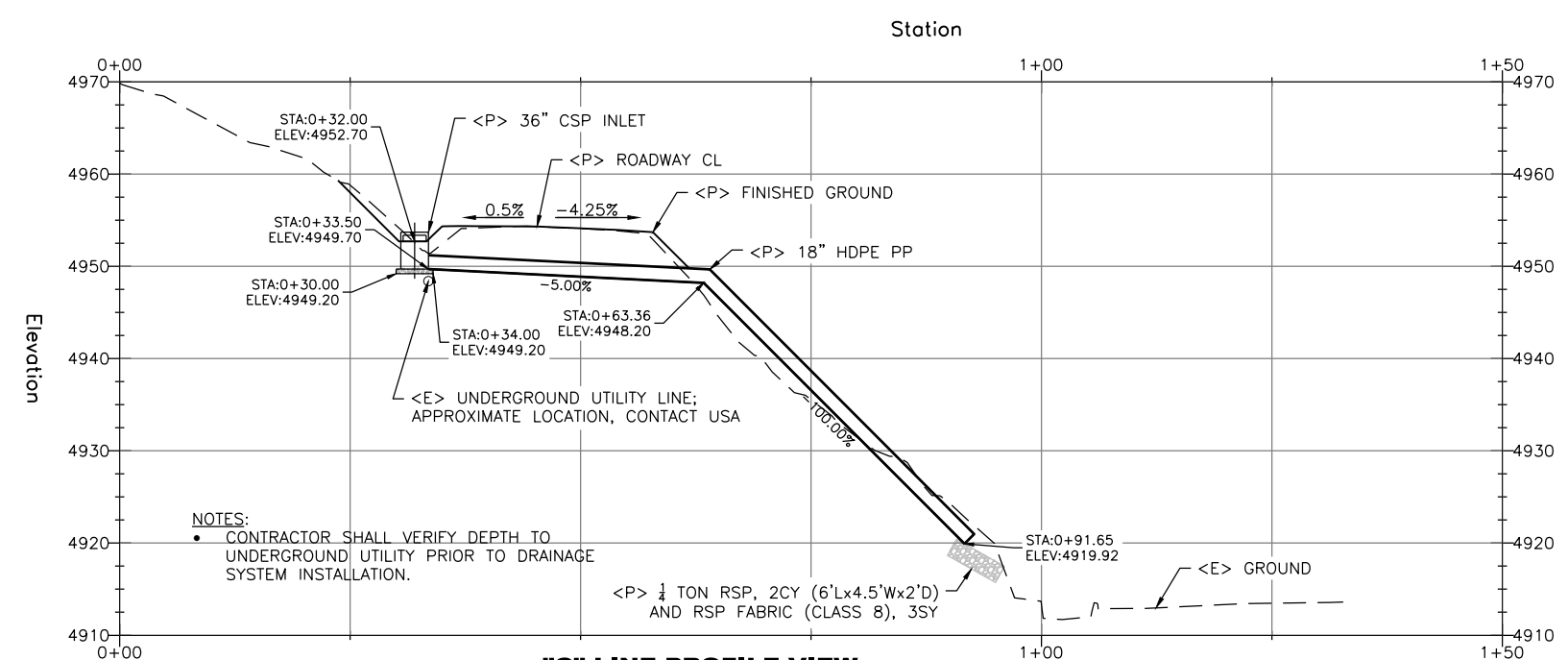
BAR IS ONE INCH ON ORIGINAL DRAWING IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	ROAD NAME: DYERVILLE LOOP ROAD	DESIGN SECTION: ENGINEERING	COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS STORM DAMAGE REPAIR TO DYERVILLE LOOP ROAD PM 2.10 - PLAN AND PROFILE	SHEET 24 OF 32	
	ROAD NO: 6D100	MILE POST: 2.10			DESIGNED BY: JAB
	PROJECT NO.: FEMA-4308-DR-CA PW-00894(0)				DRAWN BY: RMD
	CONTRACT NO.: 217378				REVIEWED BY: JAB
	DRAWING FILE NAME: 217378_CDSN210	APPROVED BY: TRS			
	PLOT DATE: 06/09/2022	REVISION DATE:			

- NOTES:**
- UNDERGROUND UTILITIES EXIST IN PROJECT VICINITY. CONTACT USA PRIOR TO ANY AND ALL EXCAVATION.
 - COUNTY CLAIMS IMPLIED COMMON LAW DEDICATION FOR EXISTING CULVERT EXCAVATION / REMOVAL, REPLACEMENT AND MAINTENANCE.
 - ENERGY DISSIPATION 1/4 TON RSP EXCAVATION IS INCLUDED IN PAYMENT FOR RSP.



PLAN VIEW
SCALE: 1"=10'

"D" LINE ALIGNMENT						
SEGMENT	LENGTH	BEARING/Delta	RADIUS	TANGENT	START	END
L1	49.37'	N80°23'09"E			STA: 0+00.00 N: 5118.33 E: 10254.40	STA: 0+49.37 N: 5126.57 E: 10303.08
L2	73.58'	N83°00'21"E			STA: 0+49.37 N: 5126.57 E: 10303.08	STA: 1+22.96 N: 5135.53 E: 10376.11
L3	49.91'	N83°42'20"E			STA: 1+22.96 N: 5135.53 E: 10376.11	STA: 1+72.87 N: 5141.00 E: 10425.73
L4	75.75'	S88°49'39"E			STA: 1+72.87 N: 5141.00 E: 10425.73	STA: 2+48.62 N: 5139.46 E: 10501.46

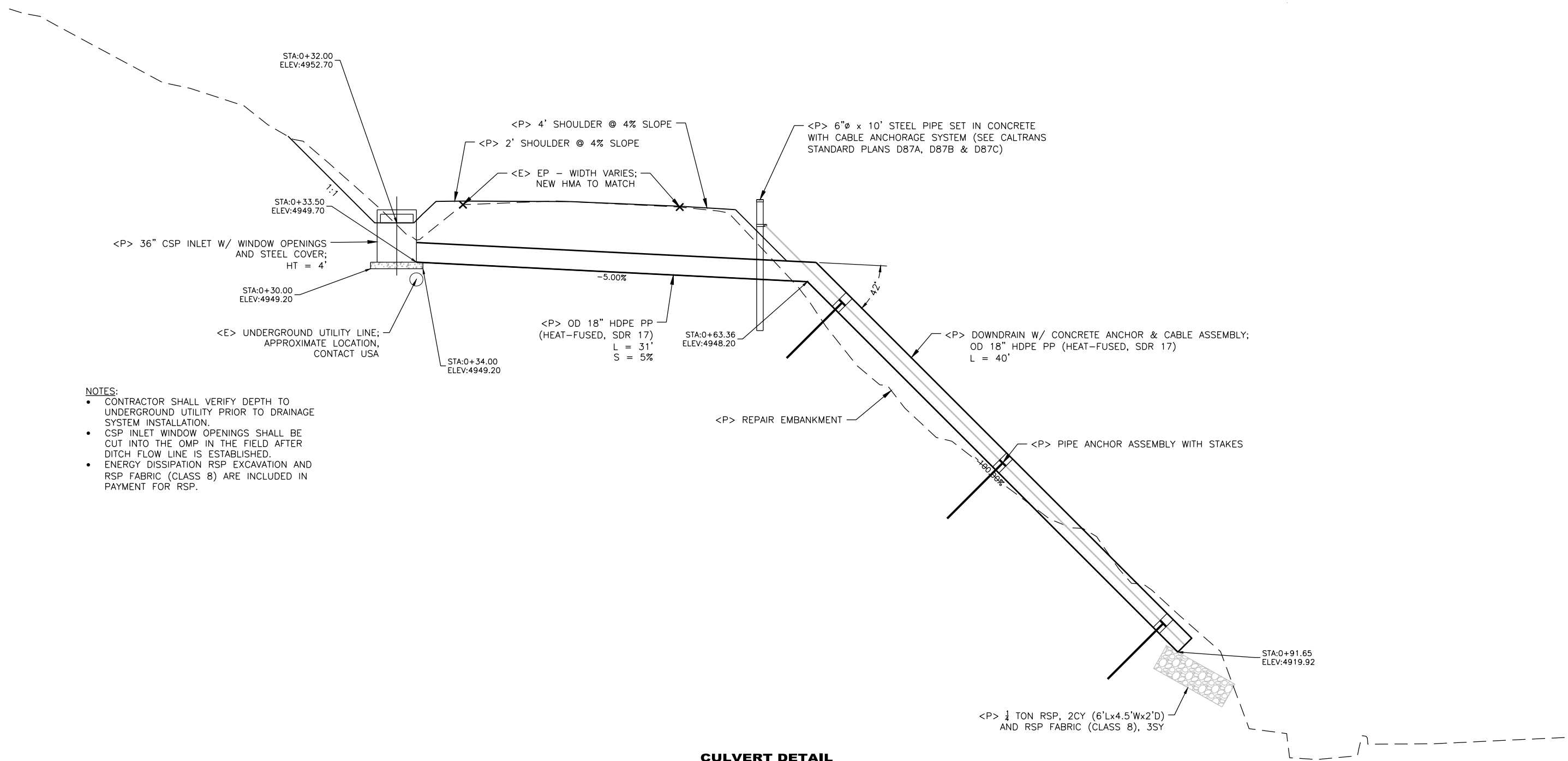


"C" LINE PROFILE VIEW
SCALE: 1"=10'

"C" LINE ALIGNMENT						
SEGMENT	LENGTH	BEARING/Delta	RADIUS	TANGENT	START	END
L10	33.97'	N07°16'47"W			STA: 0+00.00 N: 5090.53 E: 10378.88	STA: 0+33.97 N: 5124.23 E: 10374.58
L11	35.24'	N06°08'02"E			STA: 0+33.97 N: 5124.23 E: 10374.58	STA: 0+69.20 N: 5159.26 E: 10378.34
L12	27.89'	N06°50'22"E			STA: 0+69.20 N: 5159.26 E: 10378.34	STA: 0+97.09 N: 5186.95 E: 10381.66
L13	5.17'	N00°38'33"W			STA: 0+97.09 N: 5186.95 E: 10381.66	STA: 1+02.26 N: 5192.12 E: 10381.60
L14	30.46'	N18°09'46"E			STA: 1+02.26 N: 5192.12 E: 10381.60	STA: 1+32.72 N: 5221.07 E: 10391.10



BAR IS ONE INCH ON ORIGINAL DRAWING IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	ROAD NAME: DYERVILLE LOOP ROAD	DESIGN SECTION	COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS STORM DAMAGE REPAIR TO DYERVILLE LOOP ROAD PM 2.10 - CULVERT AND DOWNDRAIN DETAIL	SHEET 25 OF 32	
	ROAD NO.: 6D100	MILE POST: 2.10			ENGINEERING
	PROJECT NO.: FEMA-4308-DR-CA PW-00894(0)				DESIGNED BY: JAB
	CONTRACT NO.: 217378				DRAWN BY: RMD
	DRAWING FILE NAME: 217378 CDSN210	REVIEWED BY: JAB			
	PLOT DATE: 06/09/2022	REVISION DATE:	APPROVED BY: TRS		



- NOTES:**
- CONTRACTOR SHALL VERIFY DEPTH TO UNDERGROUND UTILITY PRIOR TO DRAINAGE SYSTEM INSTALLATION.
 - CSP INLET WINDOW OPENINGS SHALL BE CUT INTO THE OMP IN THE FIELD AFTER DITCH FLOW LINE IS ESTABLISHED.
 - ENERGY DISSIPATION RSP EXCAVATION AND RSP FABRIC (CLASS 8) ARE INCLUDED IN PAYMENT FOR RSP.

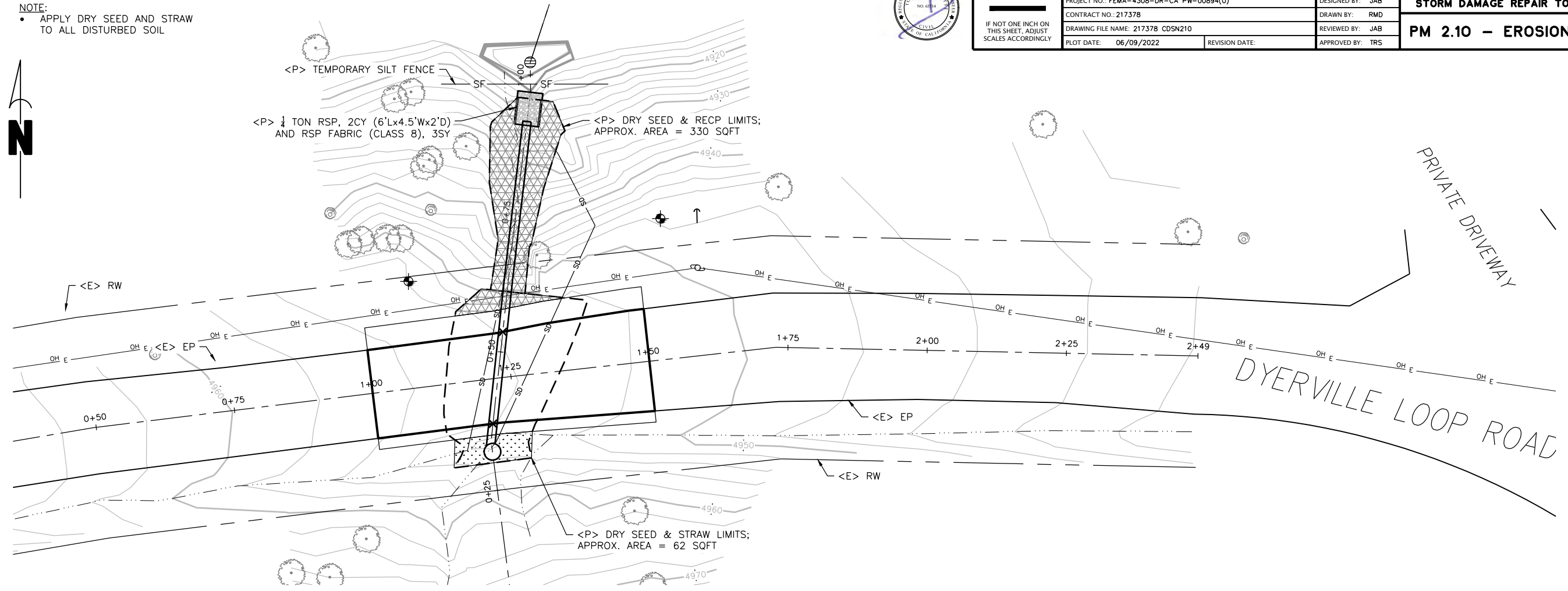
CULVERT DETAIL
SCALE: 1"=4'

NOTE:
 • APPLY DRY SEED AND STRAW TO ALL DISTURBED SOIL



BAR IS ONE INCH ON ORIGINAL DRAWING	ROAD NAME: DYERVILLE LOOP ROAD	DESIGN SECTION
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	ROAD NO: 6D100 MILE POST: 2.10	ENGINEERING
	PROJECT NO.: FEMA-4308-DR-CA PW-00894(0)	DESIGNED BY: JAB
	CONTRACT NO.: 217378	DRAWN BY: RMD
	DRAWING FILE NAME: 217378 CDSN210	REVIEWED BY: JAB
	PLOT DATE: 06/09/2022 REVISION DATE:	APPROVED BY: TRS

COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS		SHEET 26 OF 32
STORM DAMAGE REPAIR TO DYERVILLE LOOP ROAD		
PM 2.10 - EROSION CONTROL PLAN		

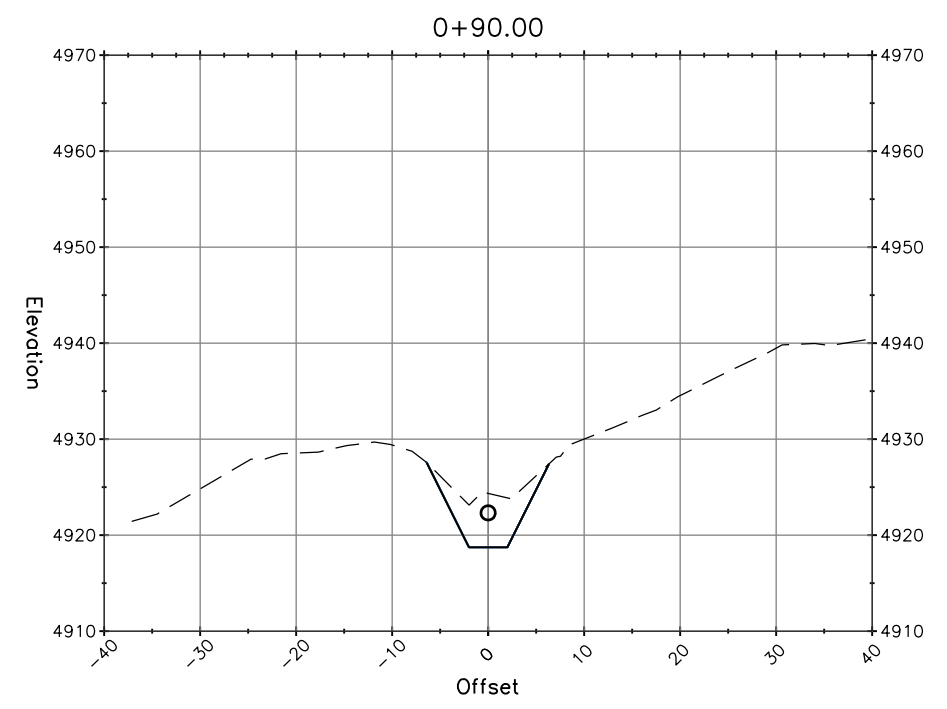
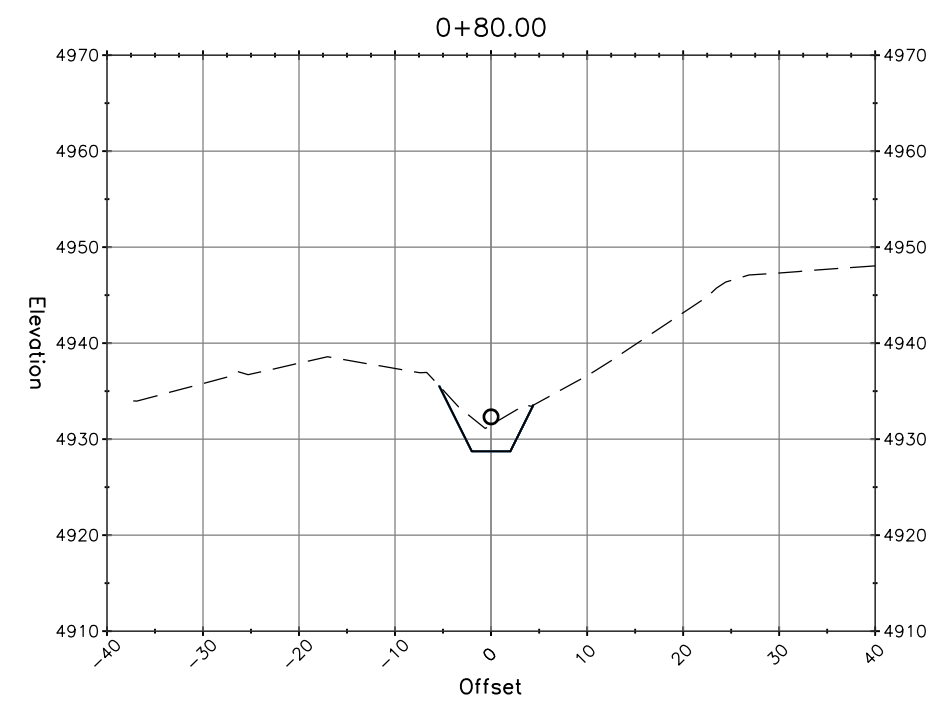
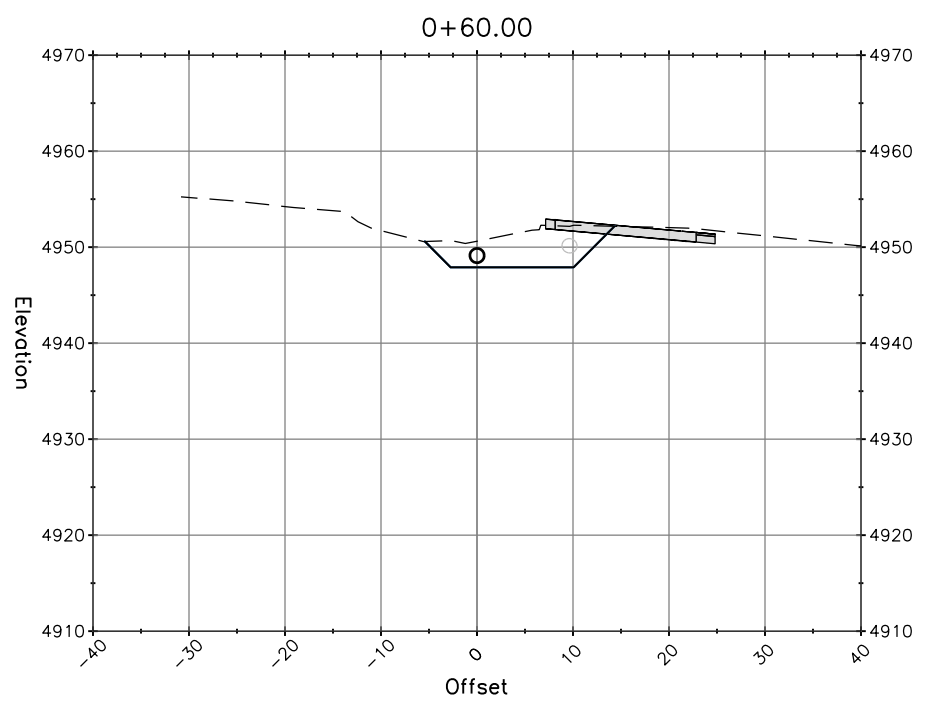
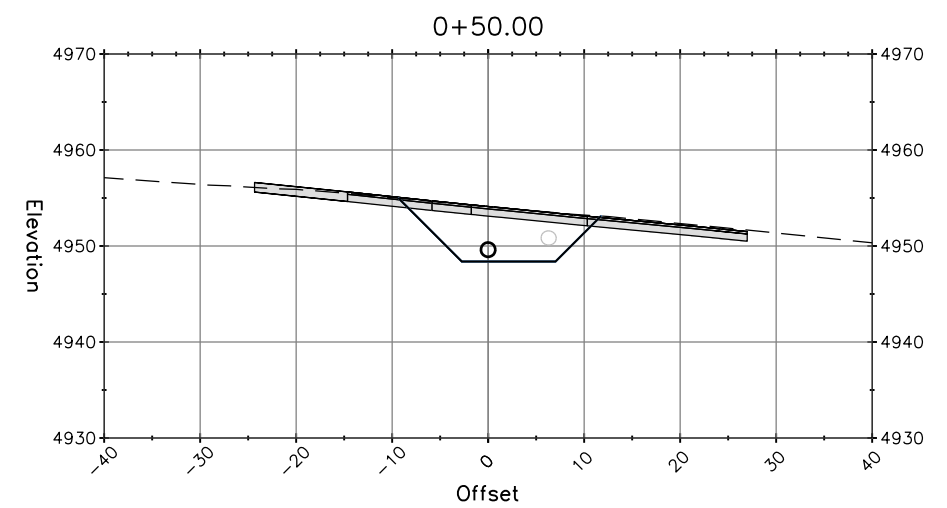
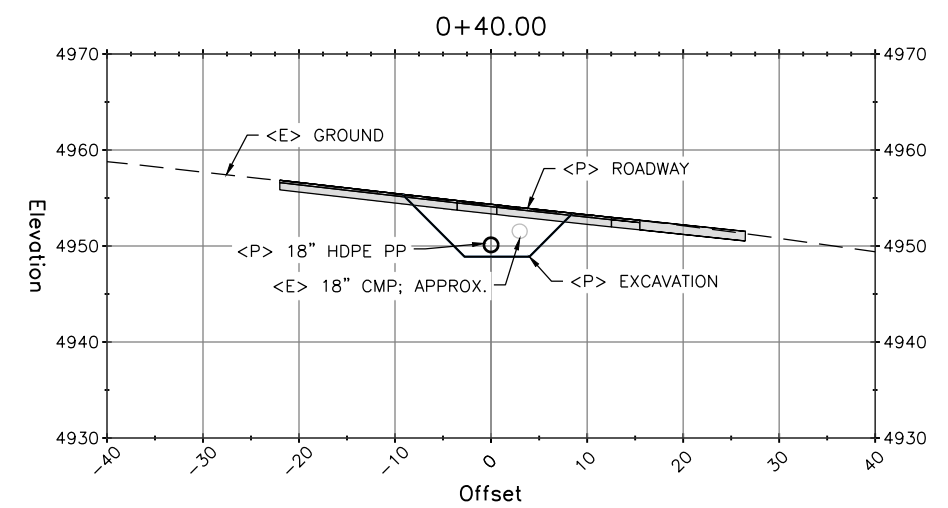
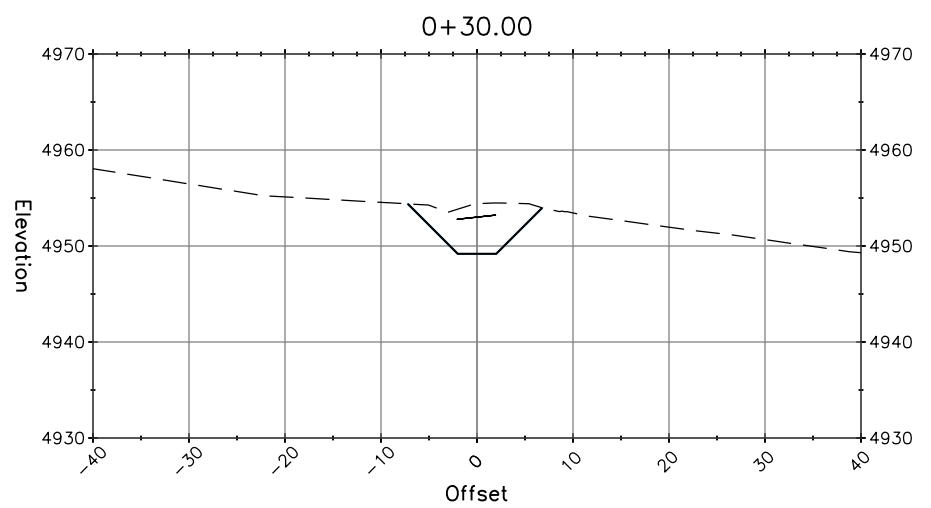


PLAN VIEW
 SCALE: 1"=10'



BAR IS ONE INCH ON ORIGINAL DRAWING	ROAD NAME: DYERVILLE LOOP ROAD	DESIGN SECTION
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	ROAD NO.: 6D100	ENGINEERING
	MILE POST: 2.10	DESIGNED BY: JAB
	PROJECT NO.: FEMA-4308-DR-CA PW-00894(0)	DRAWN BY: RMD
	CONTRACT NO.: 217378	REVIEWED BY: JAB
	DRAWING FILE NAME: 217378_CDSN210	APPROVED BY: TRS
	PLOT DATE: 06/09/2022	REVISION DATE:

COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS STORM DAMAGE REPAIR TO DYERVILLE LOOP ROAD PM 2.10 - SECTION VIEWS	SHEET
	27
	OF
	32



"C" LINE SECTION VIEWS
SCALE: 1"=10'



BAR IS ONE INCH ON ORIGINAL DRAWING IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	ROAD NAME: FORT SEWARD ROAD	DESIGN SECTION: ENGINEERING	COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS	SHEET 28 OF 32
	ROAD NO.: C7C010	MILE POST: 5.45		
	PROJECT NO.: FEMA-4308-DR-CA PW-01323(0)	DESIGNED BY: JAB	PM 5.45 - SURVEY CONTROL	
	CONTRACT NO.: 217331	DRAWN BY: RMD		
DRAWING FILE NAME: 217331_CDSN545	REVIEWED BY: JAB			
PLOT DATE: 06/09/2022	REVISION DATE:	APPROVED BY: TRS		

BASIS OF BEARINGS NOTE

THE BEARINGS ARE BASED ON TIES BETWEEN THE CONTROL POINT #101 AND CONTROL POINT #102 WITH A COMPASS BEARING OF N68°00'00"W. COORDINATE SYSTEM IS ASSUMED WITH CONTROL POINT #101 BEING 5,000 NORTHING AND 10,000 EASTING.

ELEVATION NOTE

ELEVATIONS ARE BASED UPON THE ASSUMED ELEVATION OF CONTROL POINT #101 BEING 5000.00'.

RIGHT OF WAY NOTE

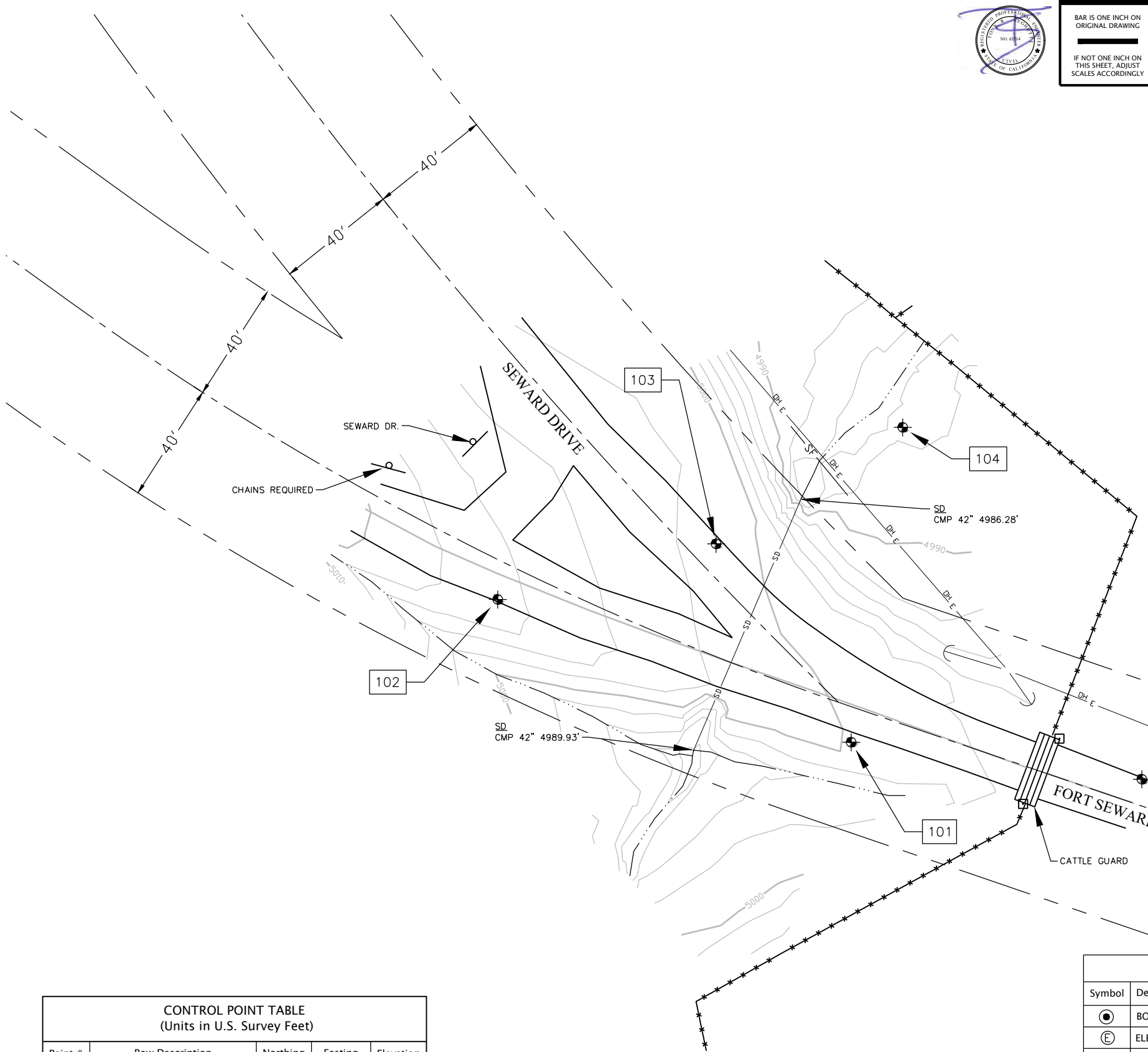
THE RIGHT OF WAY FOR THIS PROJECT IS ESTABLISHED USING THE RIGHT OF WAY SHOWN ON THE DECEMBER 1956 FORT SEWARD BRIDGE PLANS [F.R. NO. 81-H47(22)]. THESE PLANS IDENTIFY A 80' WIDE RIGHT OF WAY, 40' ON EACH SIDE OF CENTERLINE. THIS SURVEY ACCEPTS THE CENTERLINE LINE OF THE EXISTING ROAD AS THE CENTERLINE OF THE RIGHT OF WAY.

SURVEY NOTE

1. THE PURPOSE OF THIS SURVEY IS TO DETERMINE TOPOGRAPHY FOR A CULVERT REPLACEMENT.
2. UNDERGROUND UTILITIES RESEARCH WAS NOT PREFORMED. ONLY VISIBLE UTILITIES WERE TIED AT THE TIME OF THIS SURVEY.
3. THERE MAY BE SYMBOLS SHOWN IN THE LEGEND THAT ARE NOT USED IN THIS SURVEY.

LINE LEGEND

- ROAD CENTERLINE
- - - RIGHT OF WAY
- FLOW LINE
- EDGE OF PAVEMENT
- ***** FENCE



Point #	Raw Description	Northing	Easting	Elevation
101	CP/80D&TAGHUMCOSURVEY	5000.00	10000.00	5000.00
102	CP/GINSPK&TAGHUMCOSURVEY	5047.81	9881.66	5006.72
103	CP/GINSPK&TAGHUMCOSURVEY	5066.44	9954.77	5000.90
104	CP/60D PINK NC	5105.44	10017.25	4987.03
105	CP/GINSPK&TAGHUMCOSURVEY	4987.60	10097.31	4995.92

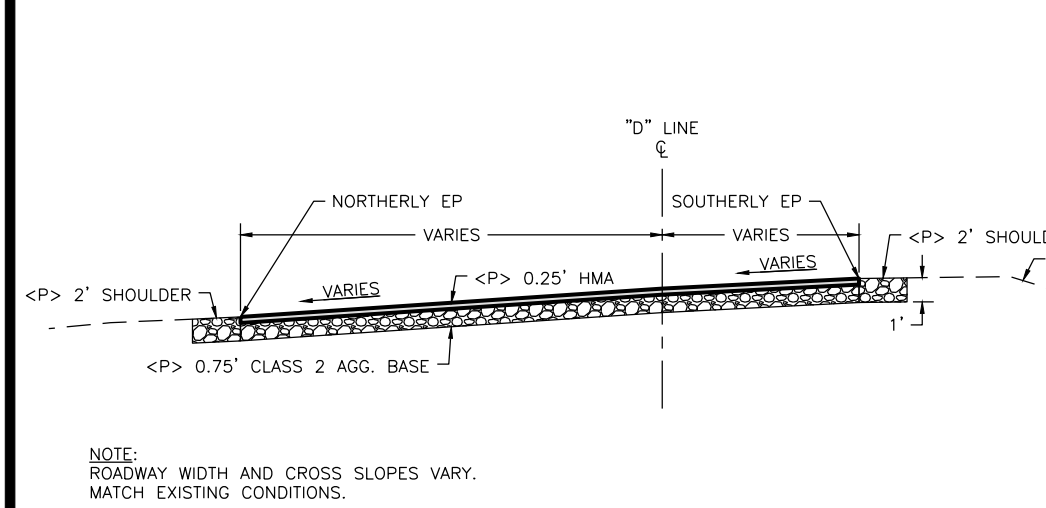
Symbol	Description	Symbol	Description	Symbol	Description
●	BOLLARD	☐	MAILBOX	⊕	STORM DRAIN MANHOLE
⊕	ELECTRIC MANHOLE	⊕	PUSH BUTTON PEDESTRIAN POST	⊙	STUMP
⚡	FIRE HYDRANT	⊙	RISER	⊙	TREE
●	FOUND MONUMENT	⊙	SANITARY SEWER CLEANOUT	⊕	UNDERGROUND VAULT
⊕	GAS VALVE	⊙	SANITARY SEWER MANHOLE	⊕	UNDERGROUND LARGE VAULT
←	GUY	⊕	CONTROL POINT	⊕	JOINT USE UTILITY POLE
⊕	GUY POLE	⊕	SIGN	⊕	WATER METER
⊕	LID- UTILITY-TYPE IN POINT CODE	⊕	SIGNAL POLE	⊕	WATER VALVE
⊕	LUMINAIRE POLE				



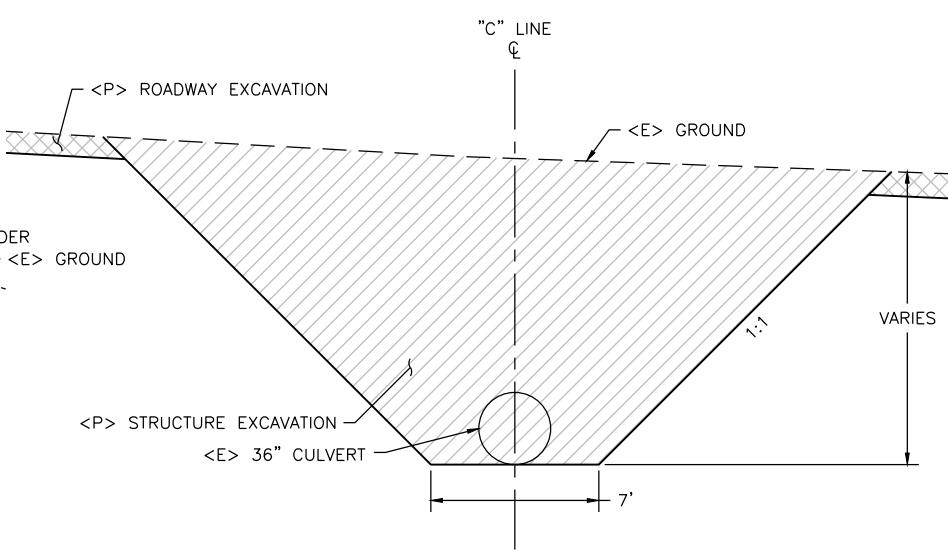


BAR IS ONE INCH ON ORIGINAL DRAWING	ROAD NAME: FORT SEWARD ROAD	DESIGN SECTION
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	ROAD NO.: C7C010	ENGINEERING
	PROJECT NO.: FEMA-4308-DR-CA PW-01323(0)	DESIGNED BY: JAB
	CONTRACT NO.: 217331	DRAWN BY: RMD
	DRAWING FILE NAME: 217331_CDSN545	REVIEWED BY: JAB
	PLOT DATE: 06/09/2022	APPROVED BY: TRS
	REVISION DATE:	

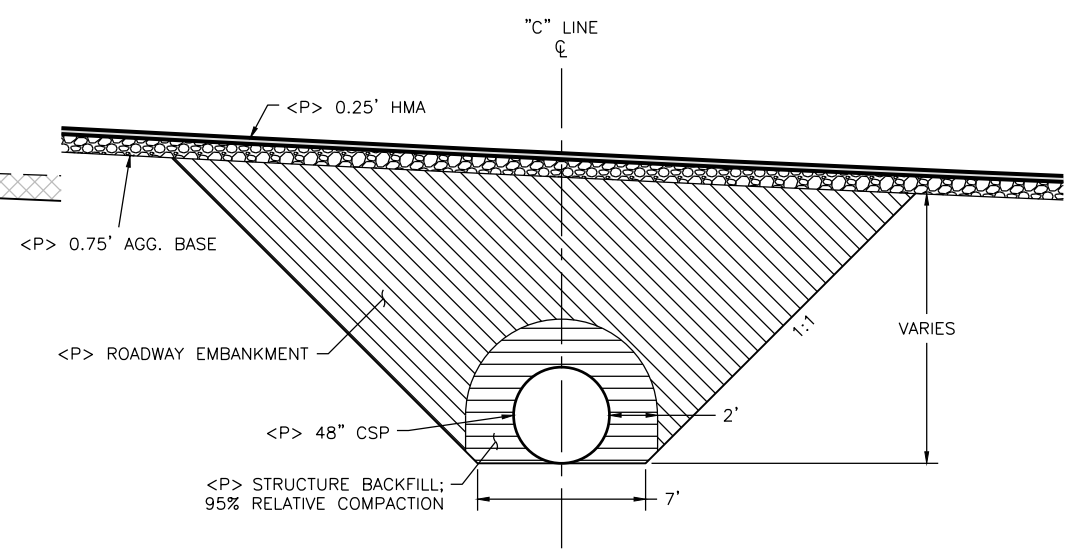
COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS	SHEET
	29
	OF
STORM DAMAGE REPAIR TO FORT SEWARD ROAD	
PM 5.45 - TYPICAL SECTIONS AND CULVERT DETAILS	
32	



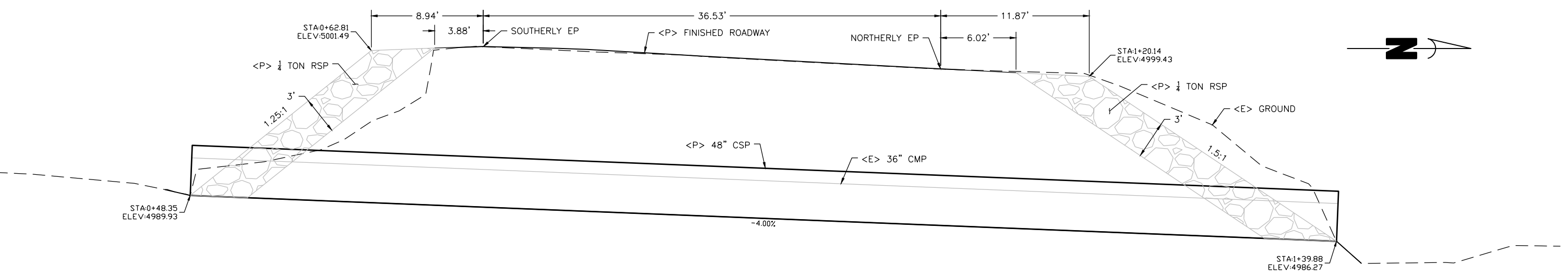
TYPICAL ROADWAY SECTION
SCALE: 1"=4'



TYPICAL EXCAVATION SECTION
SCALE: 1"=4'



TYPICAL BACKFILL SECTION
SCALE: 1"=4'

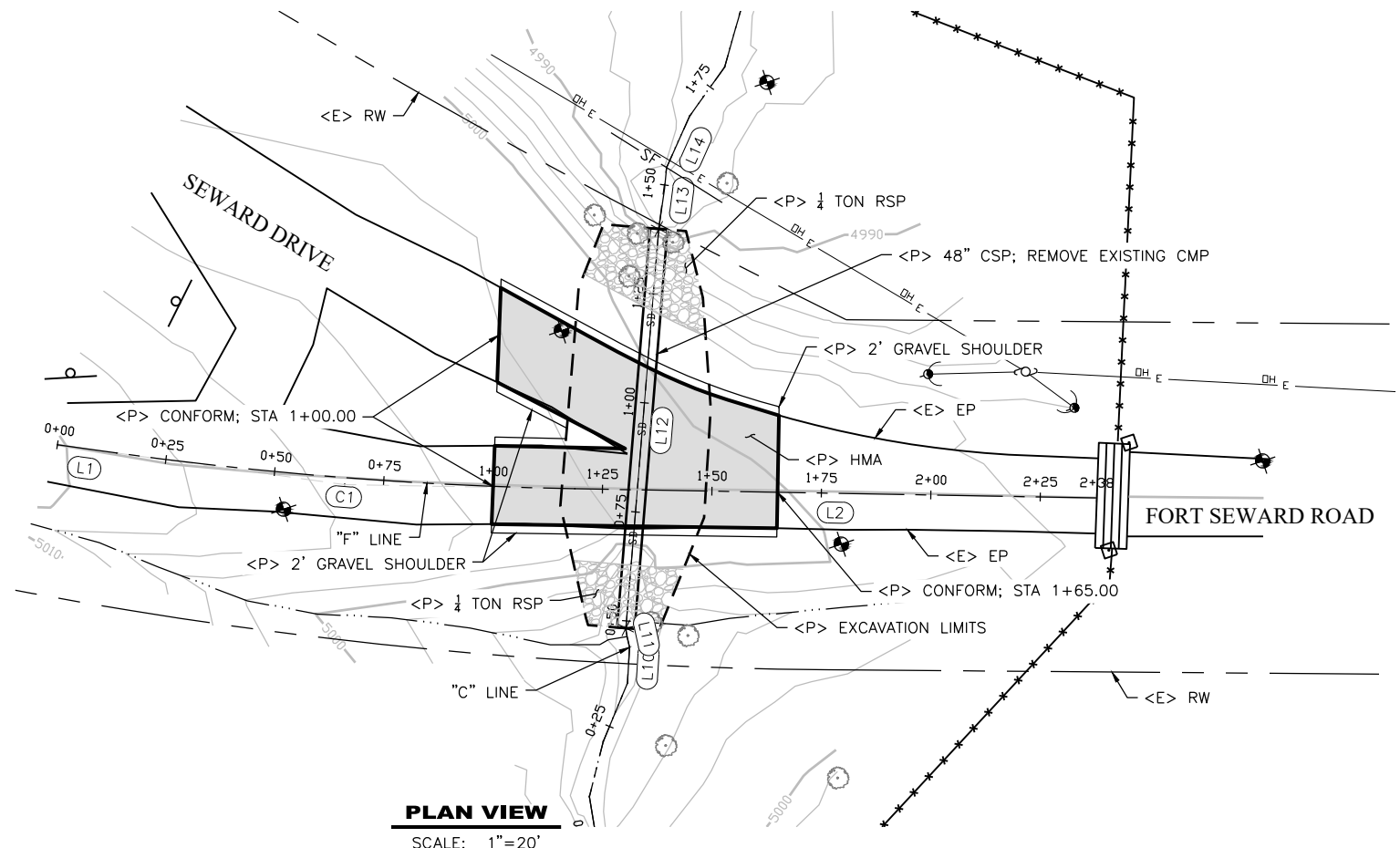


CULVERT SECTION
SCALE: 1"=4'



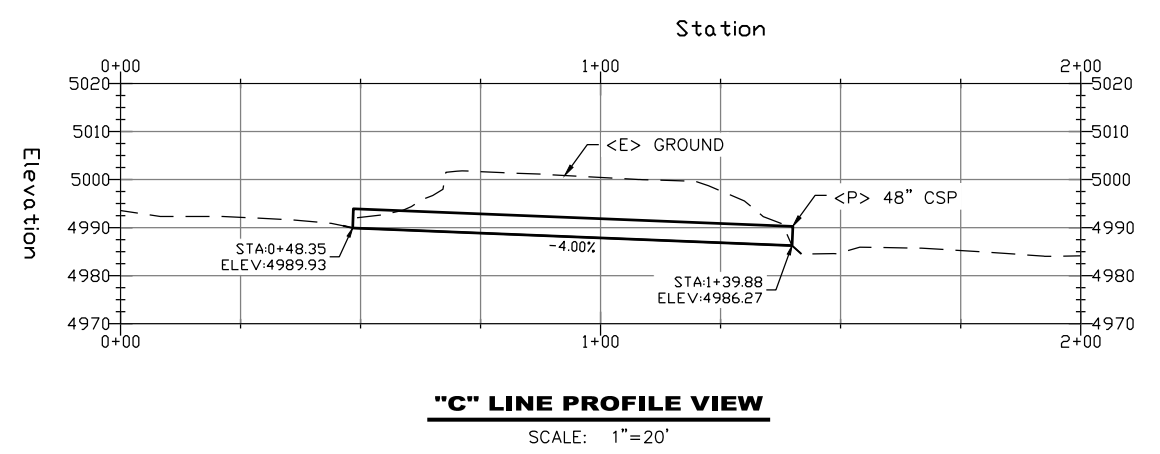
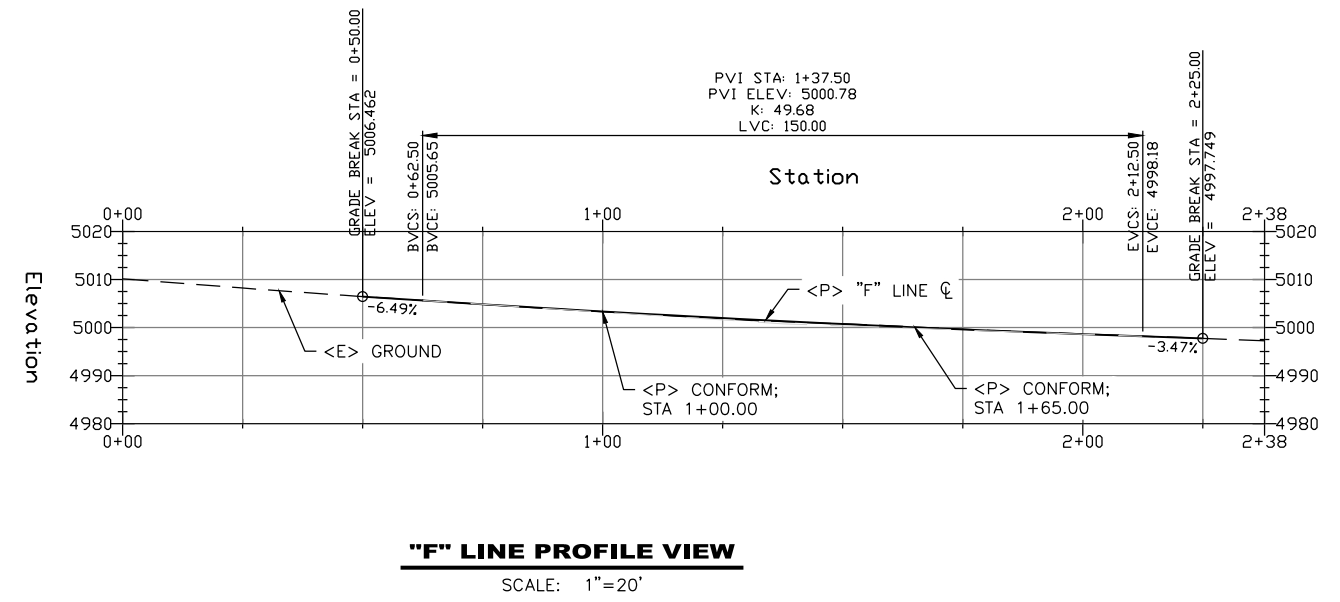


BAR IS ONE INCH ON ORIGINAL DRAWING IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	ROAD NAME: FORT SEWARD ROAD	DESIGN SECTION	COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS STORM DAMAGE REPAIR TO FORT SEWARD ROAD PM 5.45 - PLAN AND PROFILE	SHEET 30 OF 32
	ROAD NO.: C7C010	ENGINEERING		
	PROJECT NO.: FEMA-4308-DR-CA PW-01323(0)	DESIGNED BY: JAB		
	CONTRACT NO.: 217331	DRAWN BY: RMD		
	DRAWING FILE NAME: 217331_CDSN545	REVIEWED BY: JAB		
	PLOT DATE: 06/09/2022	REVISION DATE:	APPROVED BY: TRS	



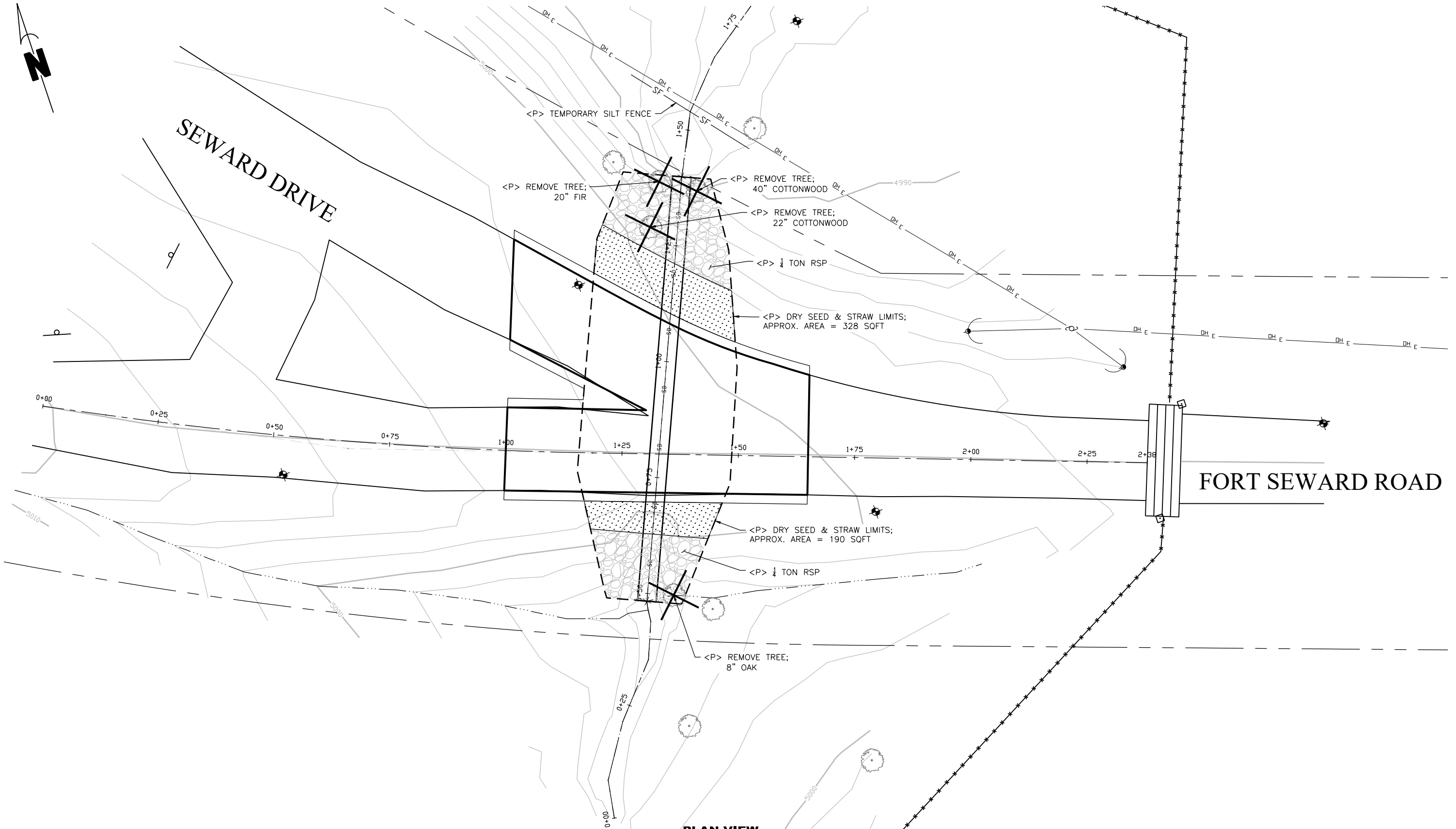
SEGMENT	LENGTH	BEARING/DELTA	RADIUS	TANGENT	START	END
L1	13.65'	S63°40'43"E			STA: 0+00.00 N: 5078.10 E: 9837.32	STA: 0+13.65 N: 5072.04 E: 9849.55
C1	105.06'	006°53'04"	874.40'	52.60'	STA: 0+13.65 N: 5072.04 E: 9849.55	STA: 1+18.71 N: 5031.22 E: 9946.28
L2	119.18'	S70°33'46"E			STA: 1+18.71 N: 5031.22 E: 9946.28	STA: 2+37.89 N: 4991.56 E: 10058.67

SEGMENT	LENGTH	BEARING/DELTA	RADIUS	TANGENT	START	END
L10	8.21'	N21°52'12"E			STA: 0+35.68 N: 4985.29 E: 9943.62	STA: 0+43.89 N: 4992.91 E: 9946.68
L11	4.12'	N06°14'12"E			STA: 0+43.89 N: 4992.91 E: 9946.68	STA: 0+48.01 N: 4997.00 E: 9947.13
L12	91.98'	N23°07'41"E			STA: 0+48.01 N: 4997.00 E: 9947.13	STA: 1+40.00 N: 5081.60 E: 9983.26
L13	13.98'	N25°44'11"E			STA: 1+40.00 N: 5081.60 E: 9983.26	STA: 1+53.98 N: 5094.19 E: 9989.33
L14	12.82'	N42°27'33"E			STA: 1+53.98 N: 5094.19 E: 9989.33	STA: 1+66.81 N: 5103.65 E: 9997.99





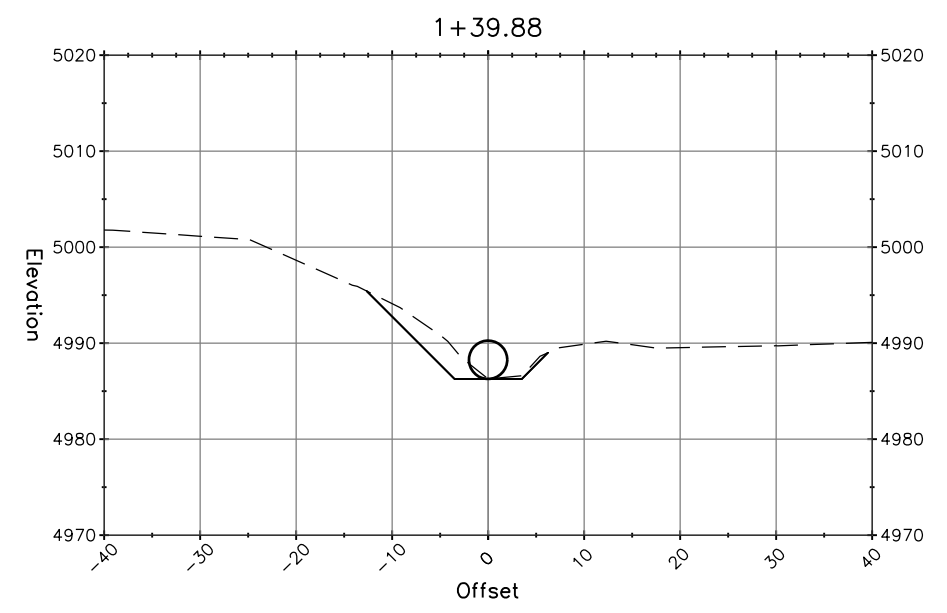
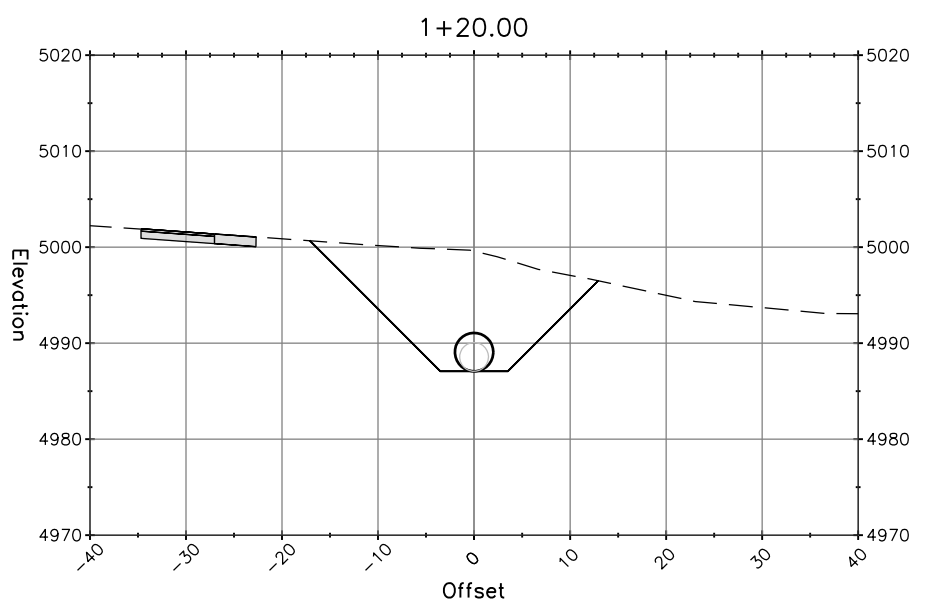
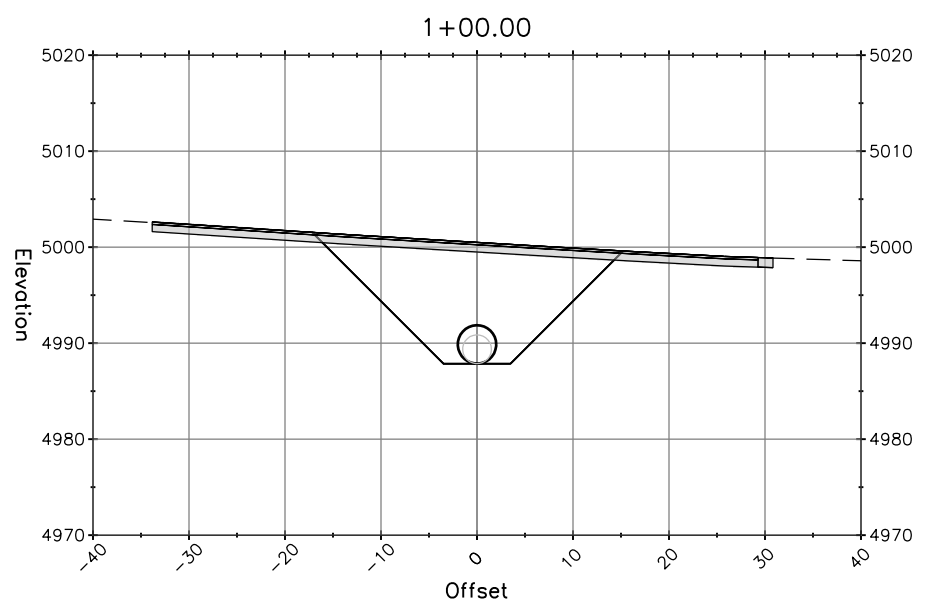
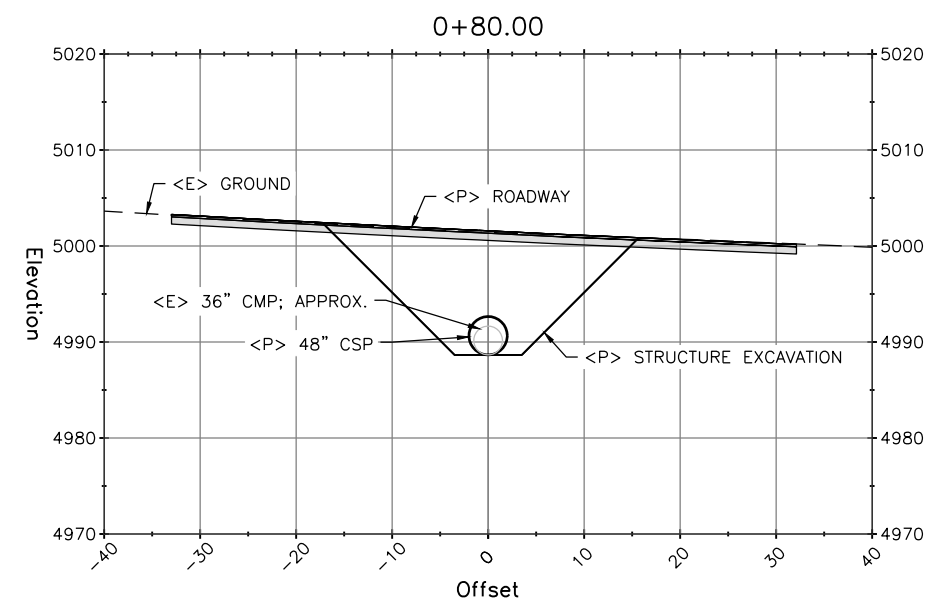
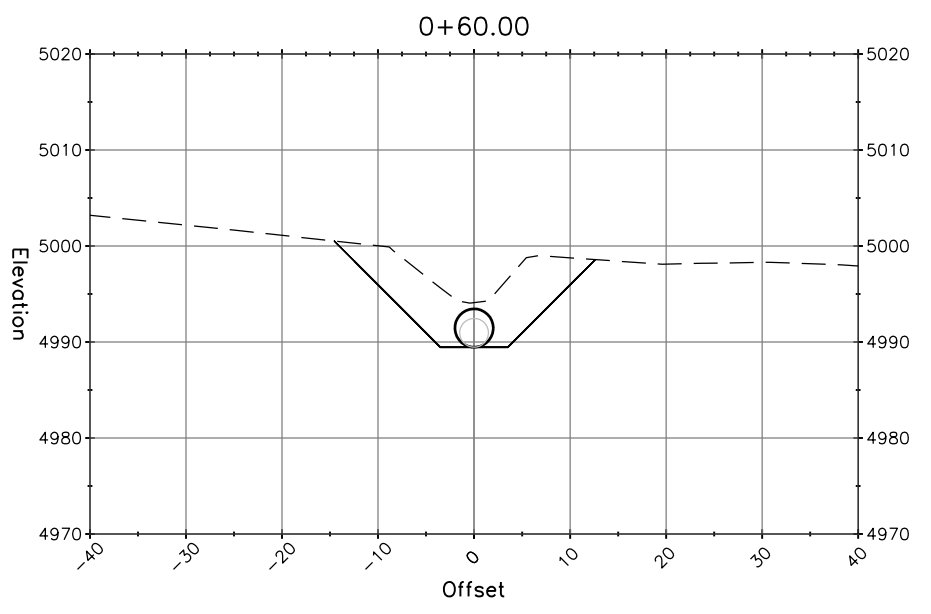
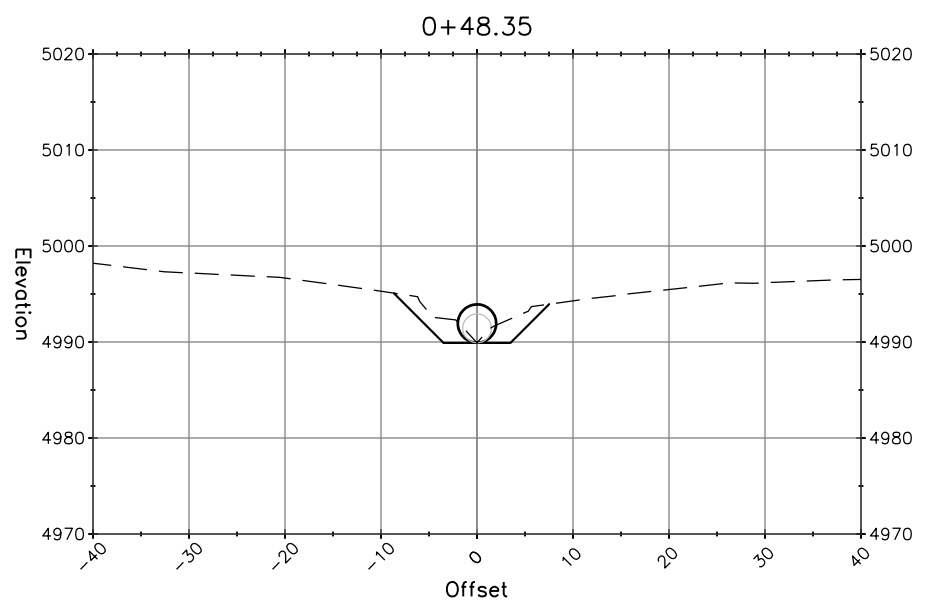
BAR IS ONE INCH ON ORIGINAL DRAWING IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	ROAD NAME: FORT SEWARD ROAD	DESIGN SECTION	COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS STORM DAMAGE REPAIR TO FORT SEWARD ROAD PM 5.45 - EROSION CONTROL PLAN	SHEET 31 OF 32	
	ROAD NO.: C7C010	MILE POST: 5.45			ENGINEERING
	PROJECT NO.: FEMA-4308-DR-CA PW-01323(0)	DESIGNED BY: JAB			DRAWN BY: RMD
	CONTRACT NO.: 217331	REVIEWED BY: JAB			APPROVED BY: TRS
	DRAWING FILE NAME: 217331_CDSN545				
	PLOT DATE: 06/09/2022	REVISION DATE:			



PLAN VIEW
 SCALE: 1"=20'



BAR IS ONE INCH ON ORIGINAL DRAWING IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	ROAD NAME: FORT SEWARD ROAD	DESIGN SECTION	COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS STORM DAMAGE REPAIR TO FORT SEWARD ROAD PM 5.45 - SECTION VIEWS	SHEET 32 OF 32	
	ROAD NO.: C7C010	MILE POST: 5.45			ENGINEERING
	PROJECT NO.: FEMA-4308-DR-CA PW-01323(0)	DESIGNED BY: JAB			DRAWN BY: RMD
	CONTRACT NO.: 217331	REVIEWED BY: JAB			APPROVED BY: TRS
	DRAWING FILE NAME: 217331_CDSN545	REVISION DATE:			
	PLOT DATE: 06/09/2022				



SECTION VIEWS
SCALE: 1"=10'