

BAR IS ONE INCH ON ORIGINAL DRAWING	ROAD N
	PROJEC*
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	CONTRA
	DRAWING
	PLOT DA

PROJECT

LOCATION

OPTIONAL

STAGING Y

ROAD NAME: ALDERPO	INT ROAD		MARK MARK
ROAD NO: F6B165		MILE POST: 5.0, 6.98, 7.25, 7.37, 7.58	THOMAS
PROJECT NO.:		EA NO.:	DESIGNED BY: FL/KH
CONTRACT NO.:		BRIDGE NO: N/A	DRAWN BY: FL/KH/CM
DRAWING FILE NAME:			REVIEWED BY: GH/KD
PLOT DATE: FEBRUA	RY 2023	REVISION DATE:	APPROVED BY: JH/EM

ALDERPOINT RD STORM DAMAGE TITLE SHEET

DEL NORTE CO.

COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS

1

**52** 

# **COUNTY OF HUMBOLDT** DEPARTMENT OF PUBLIC WORKS PROJECT PLANS FOR CONSTRUCTION OF

STORM DAMAGE REPAIRS ON **ALDERPOINT ROAD [F6B165] AT** P.M. 5.0, 6.98, 7.25, 7.37, 7.58

PROJECT NO. ER-32L0(273), ER-32L0(278), ER-32L0(279), ER-32L0(280), ER-32L0(291)

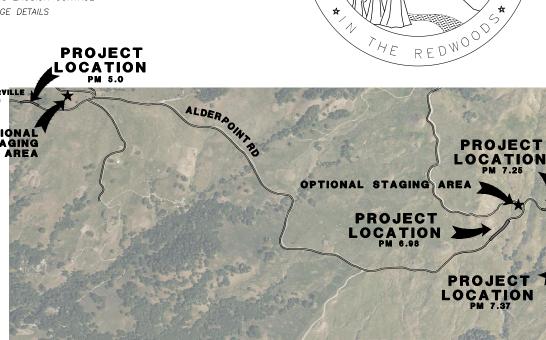
TO BE SUPPLEMENTED BY STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION STANDARD PLANS, STANDARD SPECIFICATIONS, AND LATEST REVISED 2018 STANDARD SPECIFICATIONS

#### INDEX OF SHEETS

VICINITY MAP NOT TO SCALE

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12	PM 5.0 STAGE CONSTRUCTION	50	PM 7.58 EROSION CONTROL
13	PM 6.98 PROJECT CONTROL	51-52	DRAINAGE DETAILS
14	PM 6.98 TYPICAL CROSS SECTIONS		
15	PM 6.98 LAYOUT		









1. THE CONTRACTOR SHALL HAVE A CLASS "A" LICENSE FOR

LOCATION MAP NOT TO SCALE

2. STANDARD PLAN LIST APPLICABLE TO THIS CONTRACT IS INCLUDED IN THE SPECIAL PROVISIONS

#### PROJECT LOCATION

<u>РМ_</u>	<u>LATITUDE</u>	<u>LONGITUDE</u>
PM 5.0	40.112142	-123.730176
PM 6.98	40.106531	-123.701205
PM 7.25	40.107518	-123.698348
PM 7.37	40.105950	-123.696575
PM 7.58	40.105278	-123.696111

TONY SEGHE TI, RCE 6 3714 COUNTY OF HUMBOLD PUBLIC WORKS DEPUTY DIRECTOR

01/13/2023 JASON HICKEY, SE 5783

**GEOTECH REPORT** 

PM 7.37 LAYOUT

16

17

19

21

22

23-25

26

27

28

29-30

31

32-33

34

ALDERPOINT ROAD PM 5.00 STORM DAMAGE ALDERPOINT ROAD PM 6.98 STORM DAMAGE ALDERPOINT ROAD PM 7.25 STORM DAMAGE PM 6 98 ALDERPOINT ROAD PM 7.37 STORM DAMAGE ALDERPOINT ROAD PM 7.58 STORM DAMAGE

PM 6.98 CONSTRUCTION DETAILS PM 6.98 DRAINAGE AND UTILITY PLANS

PM 6.98 DRAINAGE PROFILES PM 6.98 FROSION CONTROL

PM 6.98 STAGE CONSTRUCTION

PM 7.25 TYPICAL CROSS SECTIONS

PM 7.25 DRAINAGE AND UTILITY PLANS

PM 7.25 PROJECT CONTROL

PM 7.25 DRAINAGE PROFILES

PM 7.25 FROSION CONTROL

PM 7.37 PROJECT CONTROL PM 7.37 TYPICAL CROSS SECTIONS

PM 7.25 STAGE CONSTRUCTION

PM 7.25 LAYOUT

PM 7.25 PROFILE

2020 CRAWFORD & ASSOCIATES, INC.

ORIGINAL LOW BID PRICE CONSTRUCTED BY

STRUCTURAL

APPROVED BY

02/16/2023

DATE

PROJECT LÖČÄTION

RESIDENT ENGINEER

	ROAD NAME: ALDERPOINT ROAD		MARK	COUNTY OF HUMBOLDT
BAR IS ONE INCH ON ORIGINAL DRAWING	ROAD NO: F6B165	MILE POST: 5.0, 6.98, 7.25, 7.37, 7.58	THOMAS	DEPARTMENT OF PUBLIC WORKS
ORIGINAL DRAWING	PROJECT NO.:	EA NO.:	DESIGNED BY: FL/KH	ALDERPOINT RD STORM DAMAGE
	CONTRACT NO.:	BRIDGE NO: N/A	DRAWN BY: FL/KH/CM	
INIO SHEET, ADOUGT	DRAWING FILE NAME:		REVIEWED BY: GH/KD	BID QUANTITY SUMMARY
SCALES ACCORDINGLY	PLOT DATE: FEBRUARY 2023	REVISION DATE:	APPROVED BY: JH/EM	DID GOARTITI OOMMATTI

0F 

			BID QUANTITY	SUMN	MARY	SHEET	•			
TEM No.	FINAL PAY	BEES ITEM	ITEM DESCRIPTION	UNIT			LOCATION			TOTAL
	ITEMS	NUMBER			PM 5.0	PM 6.98	PM 7.25	PM 7.37	PM 7.58	
1		100100	DEVELOP WATER SUPPLY	LS	.15	0.25	0.20	0.20	0.20	1
2		120090	CONSTRUCTION AREA SIGNS	EA	10	10	7	7	5	39
3		120100	TRAFFIC CONTROL SYSTEM	LS	.15	0.25	0.20	0.20	0.20	1
4		120165	CHANNELIZER (SURFACE MOUNTED)	EA	12	10	10	12	12	56
5		129000	TEMPORARY RAILING (TYPE K)	LF	420	480	1040	260	0	2200
6		129110	TEMPORARY CRASH CUSHION	EA	2	2	2	2	0	8
7		130100	JOB SITE MANAGEMENT	LS	0.15	0.25	0.20	0.20	0.20	1
8		130300	PREPARE STORM WATER POLLUTION PREVENTION PLAN	LS	0.13	0.23	1	0.20	0.20	1
9		130300	RAIN EVENT ACTION PLAN	EA			20			20
10		130310		DAY			6			6
			STORM WATER SAMPLING ANALYSIS DAY		15	0.5		00	1 00	
11		130330	STORM WATER ANNUAL REPORT (SINGLE REPORT FOR 5 SITES)	EA	.15	.25	.20	.20	.20	1
12		130610	TEMPORARY CHECK DAM	LF .	0	0	0	0	75	75
13		130620	TEMPORARY DRAINAGE INLET PROTECTION	EA	0	2	0	2	1	5
14		130680	TEMPORARY SILT FENCE	LF	0	634	500	0	530	1664
15		130710	TEMPORARY CONSTRUCTION ENTRANCE	EA	2	2	2	2	1	9
16		160110	TEMPORARY HIGH VISIBILITY FENCE	LF	0	1325	0	0	0	1325
17		160120	REMOVE TREE	EA	0	0	0	2	0	2
18		170103	CLEARING AND GRUBBING	LS	0.15	0.25	0.20	0.20	0.20	1
19		190101	ROADWAY EXCAVATION	CY	3750	8135	4640	2985	9370	28880
20		198050	EMBANKMENT	CY	2050	8035	4090	1875	130	16180
21		198250A	GEOSYNTHETIC REINFORCEMENT (UNIAXIAL GEOGRID)	SY	2610	0	0	2800	0	5410
22		198250B	GEOSYNTHETIC REINFORCEMENT (BIAXIAL GEOGRID)	SY	520	0	0	370	0	890
23		210212	DRY SEED	SF	12500	24540	13680	8400	33480	92600
24		210280	ROLLED EROSION CONTROL PRODUCT (BLANKET)	SF	7,360	4,500	13,680	4,345	33,480	63365
25		210350	FIBER ROLL	LF	770	1,620	1860	1225	3500	8975
26		210420	STRAW	SF	12500	24540	13680	8400	33480	92600
27		260203	CLASS 2 AGGREGATE BASE	CY	340	470	470	260	450	1990
28		390132	HOT MIX ASPHALT (TYPE A)	TON	220	310	310	110	281	1231
29		394073	PLACE HOT MIX ASPHALT DIKE (TYPE A)	LF	0	461	211	260	0	932
30		665018	18" CORRUGATED STEEL PIPE (.109" THICK) - ALUMINIZED	LF	40	74	73	78	39	304
31			48" CORRUGATED STEEL PIPE (.138" THICK) - ALUMINIZED	LF	0	0	61	0	0	61
32			4" PLASTIC PIPE	LF	0	105	0	0	0	105
33			6" PERFORATED PLASTIC PIPE UNDERDRAIN	LF	452	700	400	286	320	2158
34			6" PLASTIC PIPE	LF	78	168	84	44	0	374
35	F		CLASS 1 PERMEABLE MATERIAL (BLANKET)	CY	520	380	550	410	0	1860
	Į.		12" CORRUGATED STEEL PIPE DOWNDRAIN (0.079" THICK) — ALUMINIZED		0	0		0	0	
36			· · · · · · · · · · · · · · · · · · ·	_	-		20	-	-	20
37			18" CORRUGATED STEEL PIPE DOWNDRAIN (0.109" THICK) - ALUMINIZED	LF	0	0	0	40	24	64
38		692101	TAPERED INLET	EA	0	0	1	0	0	1
39			ANCHOR ASSEMBLY	EA	4	3	6	3	4	20
40		692409	CABLE ANCHORAGE SYSTEM	EA	0	0	0	1	0	1
41			36" CORRUGATED STEEL PIPE INLET (0.109" THICK)	LF	0	9	0	11	6	26
42			REMOVE PIPE	LF	40	0	120	0	40	200
43		723030	ROCK SLOPE PROTECTION (1/2 TON, CLASS VII, METHOD A)	CY	0	0	0	600	0	600
44		723070	ROCK SLOPE PROTECTION (150 LB, CLASS III, METHOD B) (CY)	CY	0	0	122	0	0	122
45		723095	ROCK SLOPE PROTECTION (20 LB, Class I, METHOD B) (CY)	CY	6	10	4	6	4	30
		729011	ROCK SLOPE PROTECTION FABRIC (CLASS 8)	SY	17	23	277	20	17	354
46										
46		840501	4" THERMOPLASTIC TRAFFIC STRIPE	LF	720	940	930	490	875	3955

EARTHWORK SURPLUS/DEFICIT					
PM 5.0 PM 6.98 PM 7.25 PM 7.37 PM 7.58					PM 7.58
CUT (CY)	3750	8135	4640	2985	9370
FILL (CY)	2050	8035	4090	1875	130
DIFFERENCE	1700	100	550	1110	9240



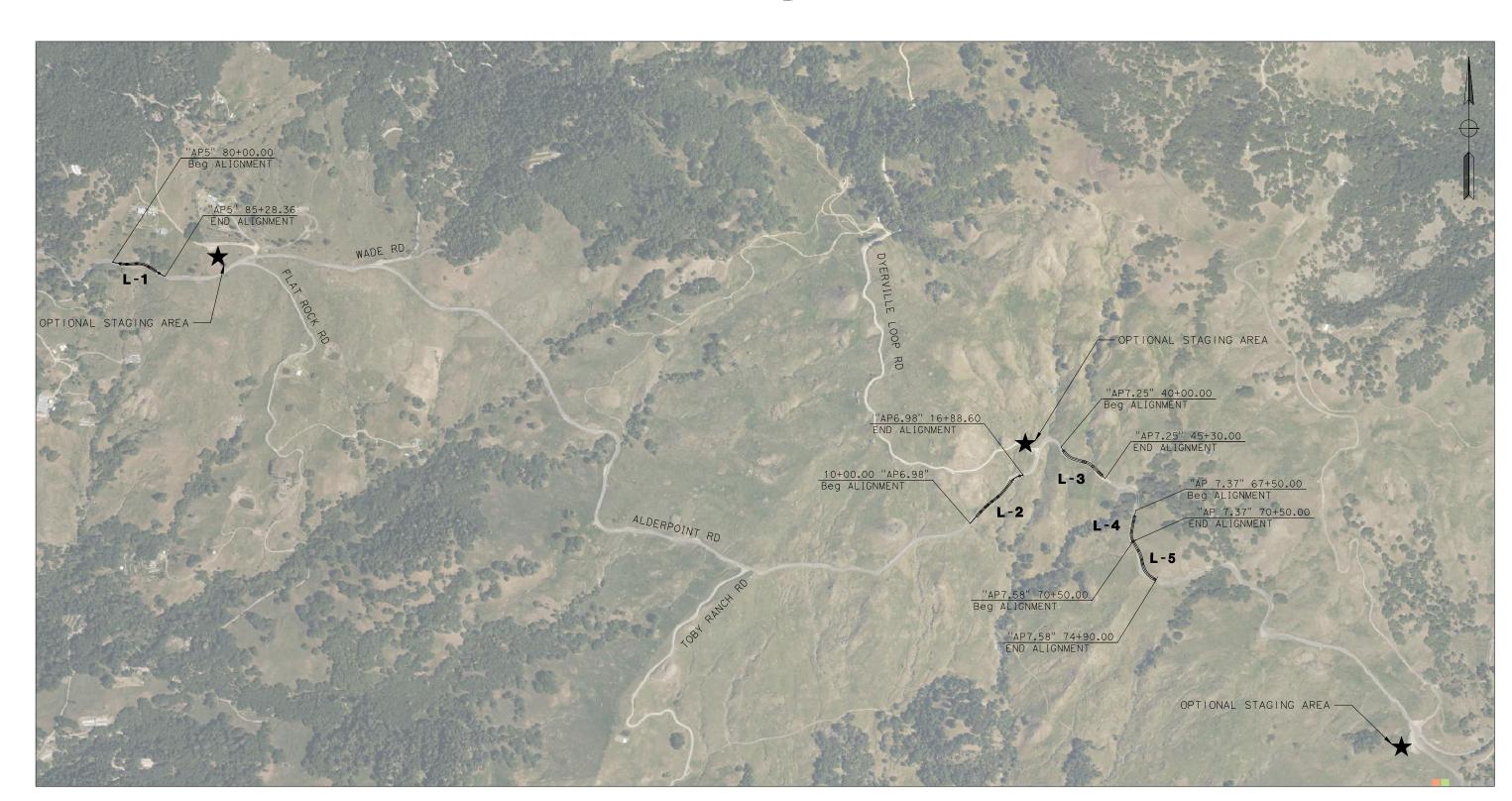
BAR IS ONE INCH ON ORIGINAL DRAWING	
ORIGINAL DRAWING	
IF NOT ONE INCH ON THIS SHEET, ADJUST	Г
SCALES ACCORDINGLY	

ROAD NAME:	ALDERPOINT ROAD		MARK	1
ROAD NO:	F6B165	MILE POST: 5.0, 6.98, 7.25, 7.37, 7.58	- THOMAS	1
PROJECT NO.:		EA NO.:	DESIGNED BY: FL/KH	Π
CONTRACT NO.	:	BRIDGE NO: N/A	DRAWN BY: FL/KH/CM	_
DRAWING FILE	NAME:		REVIEWED BY: GH/KD	
PLOT DATE:	FEBRUARY 2023	REVISION DATE:	APPROVED BY: JH/EM	ı

ΕY	MAP	

COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS

ALDERPOINT RD STORM DAMAGE	<u>ي</u>
KEY MAP	-
NEI WAF	らって



### LOCATION MAP

NOT TO SCALE

- 1. CONTRACTOR MUST COMPLY WITH BUSINESS AND PROFESSIONS CODE SECTION 8771 (b) REGARDING REFERENCING, PRESERVING AND RECONSTRUCTING MONUMENTS, WHETHER OR NOT MONUMENTS ARE SHOWN IN THESE PLANS.
- 2. IF MONUMENT IS DAMAGED BY CONTRACTOR'S OPERATIONS, CONTRACTOR SHALL REPLACE MONUMENT AT CONTRACTOR'S EXPENSE.

# PROFESSIONAL SE EDUARD MUZYCHUK No. 90738 Exp. 12/31/23 CIVIL OF CAUTOR

ORIGINAL DRAWING	KOAD
OKIGINAL DIKAMING	PROJE
	CONTR
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	DRAW
	PLOT

	ROAD NAME:	ALDERPOINT ROAD		MAR	K
٧	ROAD NO:	F6B165	MILE POST: 5.0	THC	MA
	PROJECT NO.:	ER-32L0(273)	EA NO.:	DESIGNED BY:	FL
	CONTRACT NO.	: 217250	BRIDGE NO: N/A	DRAWN BY:	СМ
	DRAWING FILE	NAME:		REVIEWED BY:	KAD
Y	PLOT DATE:	FEBRUARY 2023	REVISION DATE:	APPROVED BY:	ЕМ

# PROJECT CONTROL

COUNTY OF HUMBOLDT Department of Public Works

## 5 **2**

4

#### DATUM:

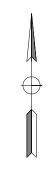
- 1. COORDINATES FOR THIS SURVEY ARE CALIFORNIA COORDINATES COORDINATE SYSTEM OF 1983 (CCS83) ZONE 1, NAD 83 (2011), EPOCH 2010.0 BASED ON A STATIC GPS CONTROL SURVEY USING THE NGS OPUS POST PROCESSING SOFTWARE. THE CONTROL POINT IDENTIFIED AS POINT 51 WAS HELD FOR HORIZONTAL POSITIONS SHOWN HEREON. THE MAPPING ANGLE IS 1 DEGREE O7 MINUTES 50 SECONDS; ROTATE BEARINGS HEREON COUNTERCLOCKWISE BY THIS ANGLE TO OBTAIN "TRUE" OR GEODETIC BEARINGS. GRID DISTANCES SHOWN SHOULD BE DIVIDED BY THE COMBINED SCALE FACTOR OF 0.99986258 TO OBTAIN GROUND DISTANCES. MAPPING ANGLE AND GRID SCALE FACTOR ARE TAKEN AT CONTROL POINT NUMBER 51, A 12 INCH SPIKE. ELEVATIONS ARE NAVD 88 DATUM BASED ON OPUS SOLUTION UTILIZING THE GEOID 12B MODEL: AN ELEVATION OF 2423.72 FEET WAS MEASURED AT THE AFOREMENTIONED CONTROL POINT 51.
- 2. ALDERPOINT RD. RIGHT OF WAY, 50 FEET WIDE, IS BASED ON PARCEL MAP NO. 839, RECORDED IN BOOK 7 OF PARCEL MAPS, PAGES 80-82. ROAD Z, 70 FEET WIDE, IS BASED ON PARCEL MAPS, PAGES 88-89. BOTH MAPS WERE SCALED BY THE COMBINED SCALE FACTOR NOTED HEREON AND ROTATED CLOCKWISE 1 DEGREE 04 MINUTES 43 SECONDS TO BE ON GRID BEARINGS. TIES TO TWO PROPERTY CORNERS ON THE EAST LINE OF SECTION 16 (NE CORNER PARCEL 4 OF PM NO. 839 AND LINE POINT SOUTH OF IT) WERE MADE TO LOCATE THE PROPERTY LINES AND RIGHTS OF WAY SHOWN. T 24 AS SHOWN ON PAGE 3 OF 9 (BOOK 16 MAPS, PAGE 118) OF SAID MAP. ALDERPOINT RD. DEDICATION NOTED ABOVE ON PARCEL MAP NO. 839 NOTED ABOVE INCLUDES A 'MAINTENANCE EASEMENT' THAT EXTENDS 10 FEET BEYOND CATCH POINTS OF ALL CUTS AND FILLS. THIS SURVEYOR HAS NOT DEFINED THE LIMITS OF THE 'MAINTENANCE EASEMENT' DEDICATED BY SAID MAP.

#### **ABBREVIATIONS:**

NGS NATIONAL GEODETIC SURVEY
PID PERMANENT IDENTIFIER

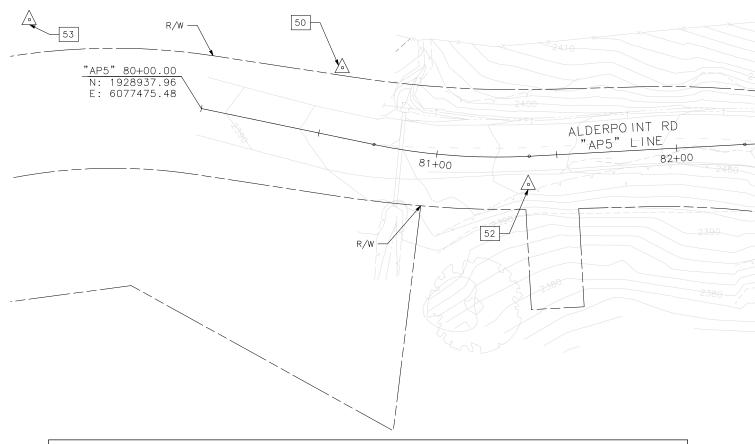
#### **LEGEND:**

△ CONTROL POINT



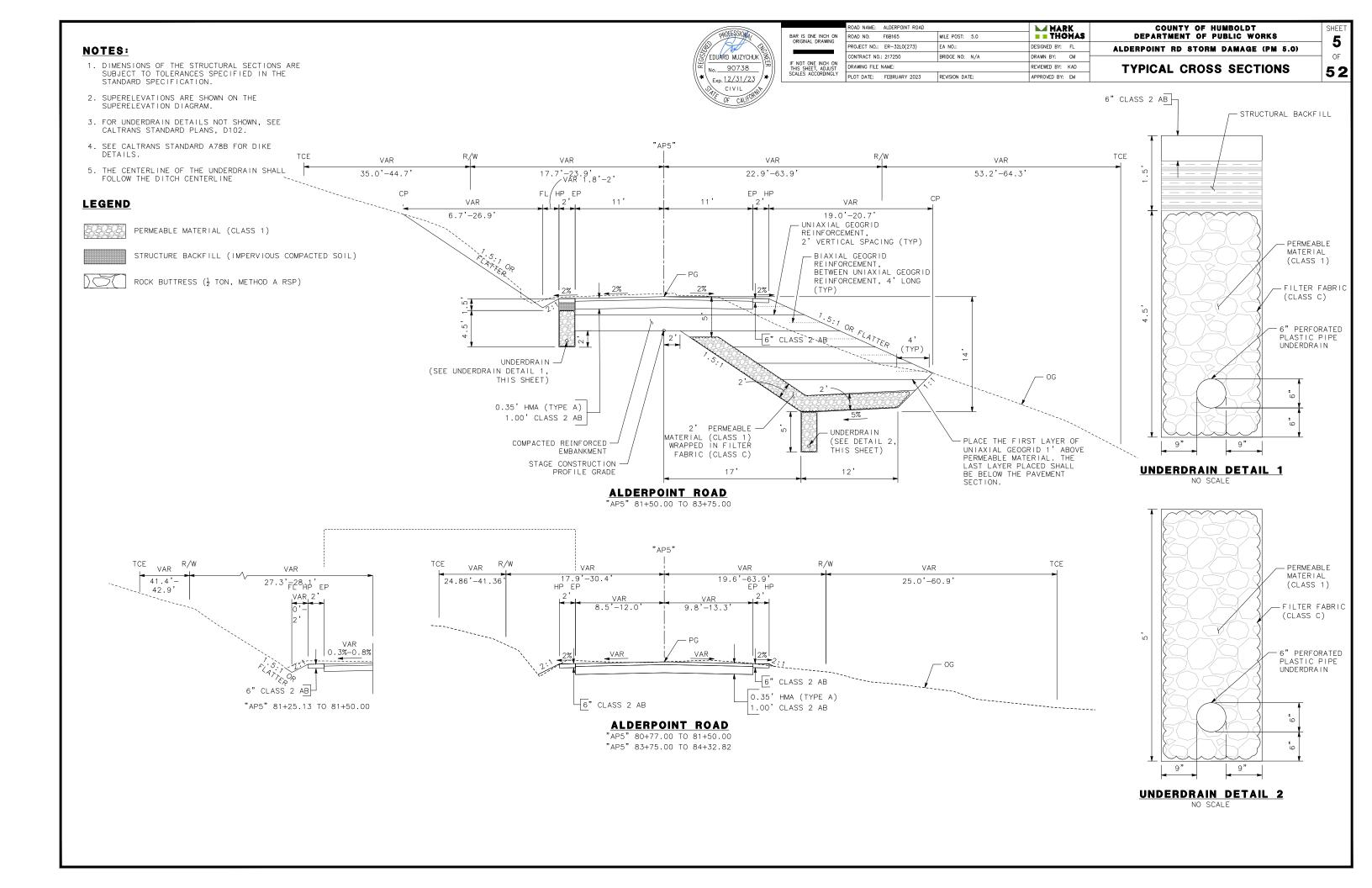
SCALE: 1" = 20'

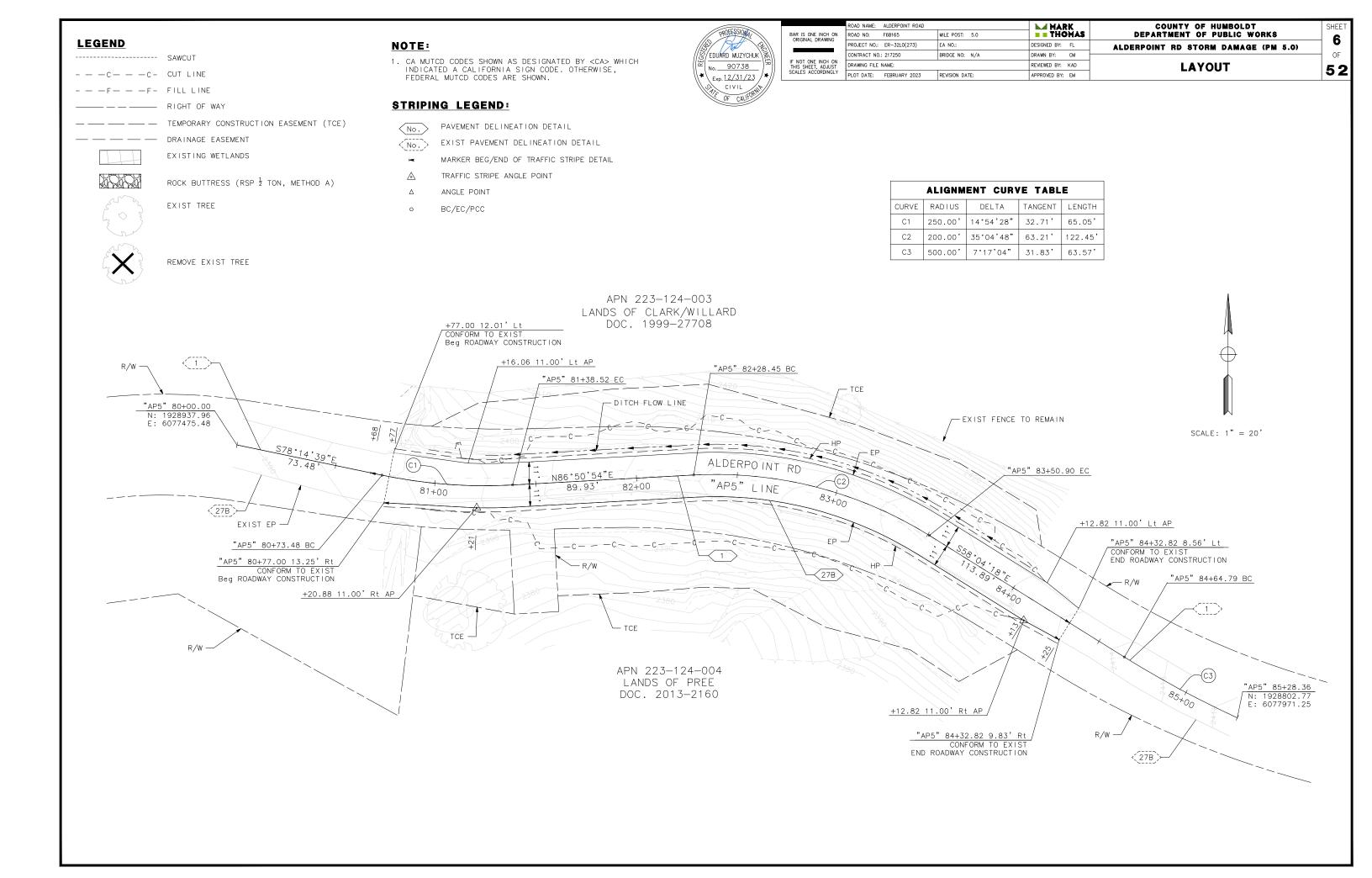
APN 223-124-003 LANDS OF CLARK/WILLARD DOC. 1999-27708



CONSTRUCTION SURVEY CONTROL DATA							
POINT #	NORTHING	EASTING	ELEVATION	DESCRIPTION	STATION/OFFSET		
50	1928954.95	6077534.29	2400.30	SPIKE	"AP5" 40+54.12 28.62' Lt		
51	1928762.73	6078036.05	2423.72	SPIKE	_		
52	1928906.30	6077611.82	2396.65	SPIKE	"AP5" 41+37.64 11.79' Rt		
53	1928974.95	6077403.85	2390.67	SPIKE	_		







#### **LEGEND:**

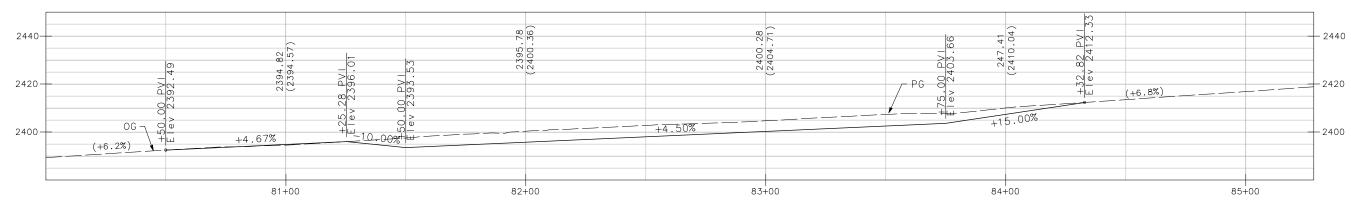
(XXXX.XX) EXIST ELEVATION



	ROAD NAME:	ALDERPOINT ROAD		MARK MARK	
IS ONE INCH ON RIGINAL DRAWING	ROAD NO: F6B PROJECT NO.: ER- CONTRACT NO.: 217 DRAWING FILE NAME	F6B165	MILE POST: 5.0	THOMAS	ì
IIGINAL DRAWING	PROJECT NO.:	ER-32L0(273)	EA NO.:	DESIGNED BY: FL	_
	CONTRACT NO.:	217250	BRIDGE NO: N/A	DRAWN BY: CM	_
IOT ONE INCH ON S SHEET, ADJUST	DRAWING FILE I	NAME:		REVIEWED BY: KAD	
LES ACCORDINGLY	PLOT DATE:	FEBRUARY 2023	REVISION DATE:	APPROVED BY: EM	

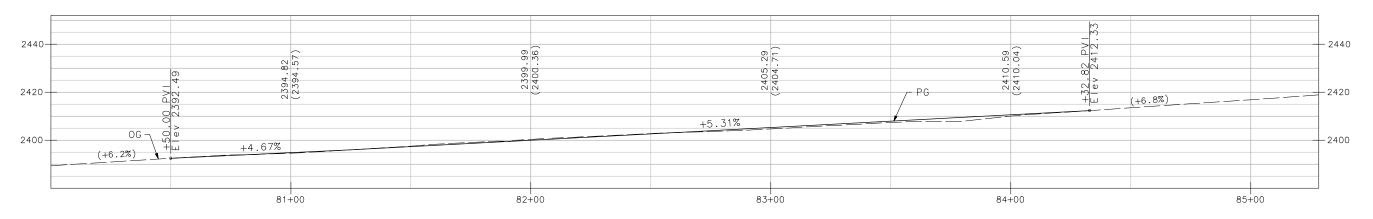
À\$	COUNTY OF HUMBOLDT Department of Public Works	SHEET
	ALDERPOINT RD STORM DAMAGE (PM 5.0)	
1		OF
D	PROFILE	<b>5</b> 0
	1	52





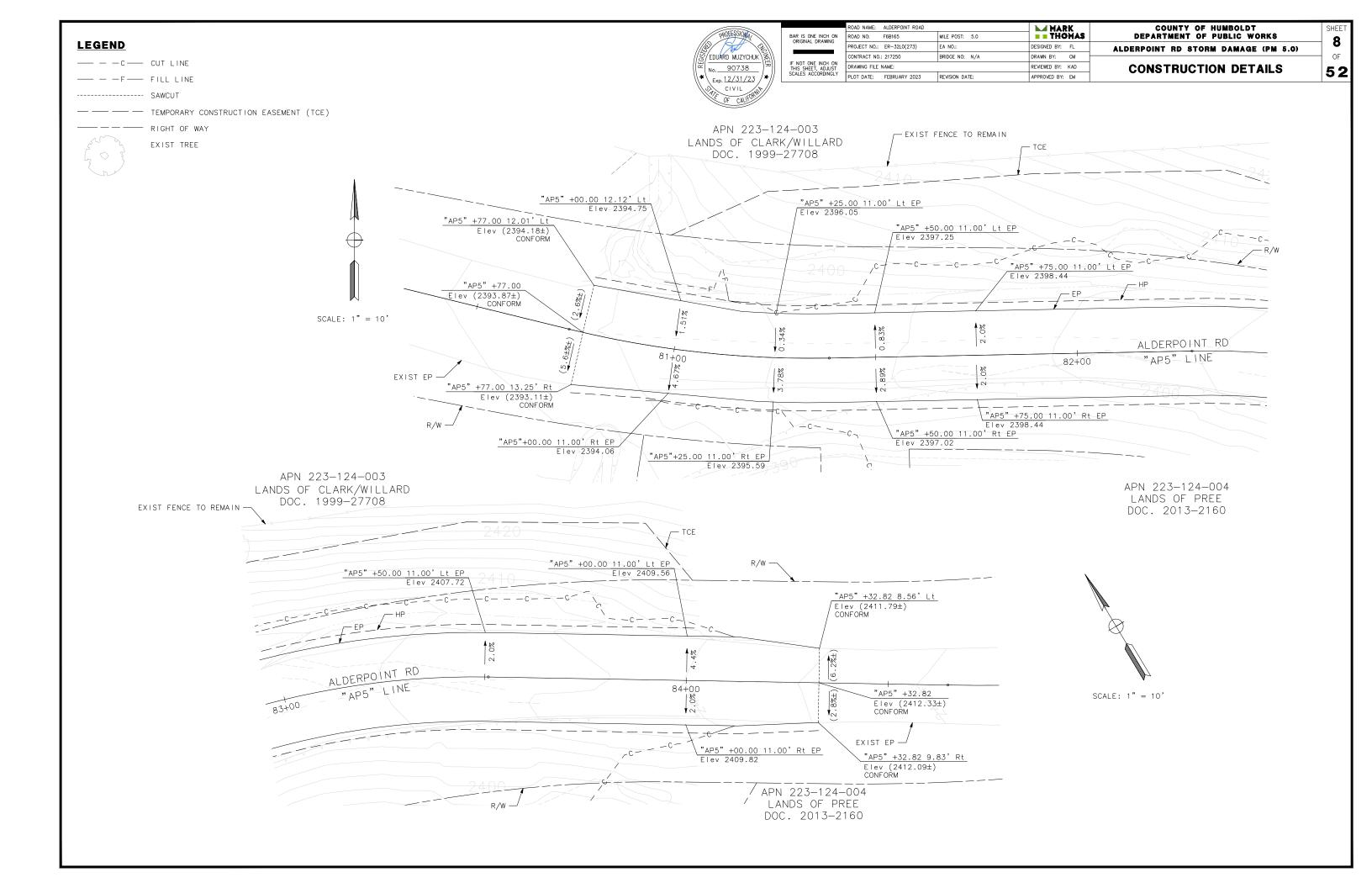
#### STAGE CONSTRUCTION PROFILE

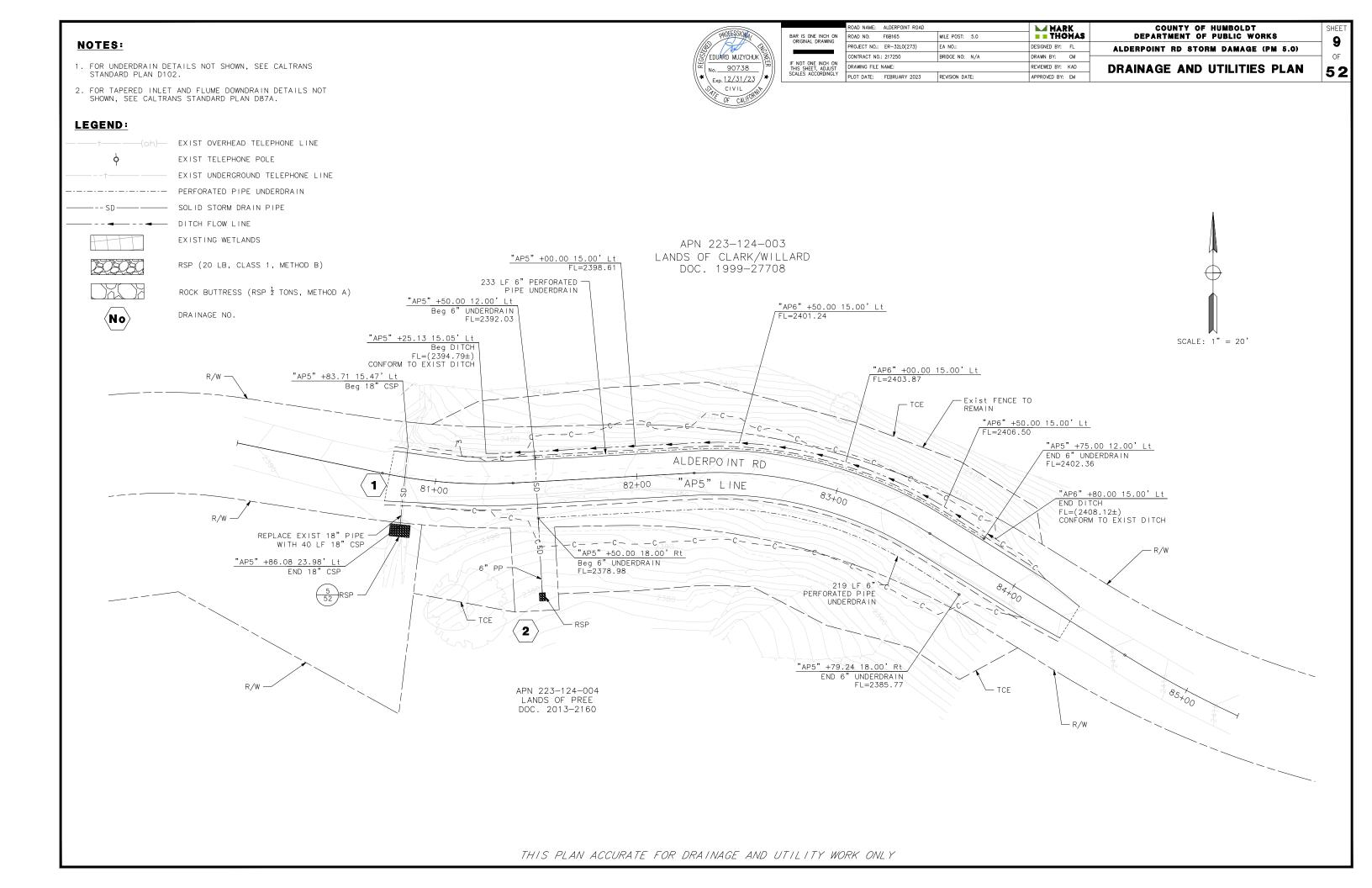
"AP5" LINE SCALE: HORIZ 1" = 20' VERT 1" = 5'



## **PROFILE**

"AP5" LINE SCALE: HORIZ 1" = 20' VERT 1" = 5'





- 1. FOR JOINT RESTRAINT ASSEMBLY DETAILS NOT SHOWN, SEE CALTRANS STANDARD PLAN D87B.
- 2. FOR TRENCH DETAILS NOT SHOWN, SEE CALTRANS STANDARD PLAN A62F.
- 3. DRAINAGE INLETS TO HAVE GALVANIZED GRATES OR PLATES.
- 4. METAL PIPE JOINTS SHALL BE WATERTIGHT.
- 5. FOR DRAINAGE INLET (TYPE OMP) DETAILS NOT SHOWN, SEE CALTRANS STANDARD PLAN D75A.
- 6. FOR ANCHOR ASSEMBLY AND CABLE ANCHORAGE SYSTEM DETAILS NOT SHOWN, SEE CALTRANS STANDARD PLAN D87A AND D87C.
- 7. PIPE INLETS MUST BE PROTECTED WITH BITUMINOUS OR POLYMERIC SHEET COATING.
- 8. WINDOW IN OMP TO BE CUT AFTER DITCH IS GRADED.

#### **LEGEND**

PERMEABLE MATERIAL (CLASS 1)



IMPERVIOUS COMPACTED SOIL



RSP (20 LB, CLASS 1, METHOD B)



ORIGINAL DRAWING
IF NOT ONE INCH ON
THIS SHEET, ADJUST SCALES ACCORDINGLY
SCALES ACCORDINGET

ROAD NAME: ALDERPOINT ROAD		MARK	
ROAD NO: F6B165	MILE POST: 5.0	THOMAS	
PROJECT NO.: ER-32LO(273)	EA NO.:	DESIGNED BY: FL	
CONTRACT NO.: 217250	BRIDGE NO: N/A	DRAWN BY: CM	
DRAWING FILE NAME:		REVIEWED BY: KAD	
PLOT DATE: FEBRUARY 2023	REVISION DATE:	APPROVED BY: EM	
	ROAD NO: F6B165  PROJECT NO.: ER-32LO(273)  CONTRACT NO.: 217250  DRAWING FILE NAME:	ROAD NO:         F6B165         MILE POST:         5.0           PROJECT NO:         ER-32L0(273)         EA NO:           CONTRACT NO:         217250         BRIDGE NO:         N/A           DRAWING FILE NAME:	ROAD NO:         F6B165         MILE POST:         5.0         THOMAS           PROJECT NO:         ER-32L0(273)         EA NO.:         DESIGNED BY:         FL           CONTRACT NO:         217250         BRIDGE NO:         N/A         DRAWN BY:         CM           DRAWING FILE NAME:         REVIEWED BY:         KAD

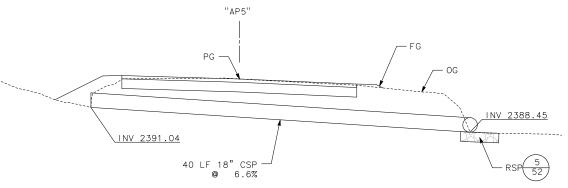


10 **52** 

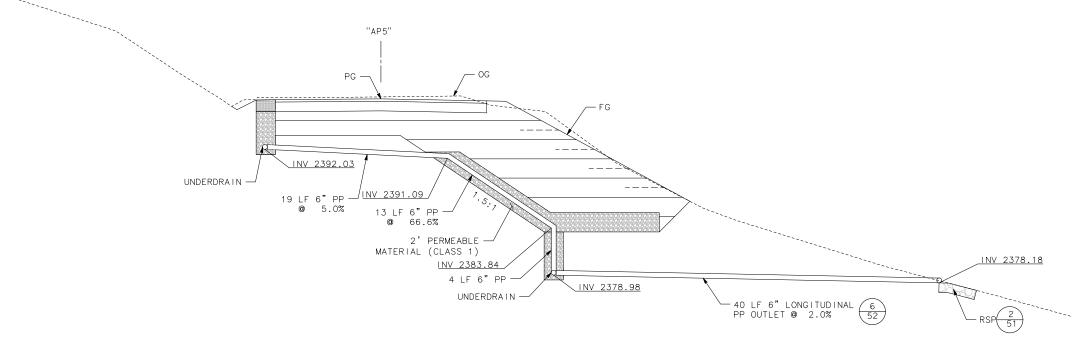
**DRAINAGE PROFILES** 

COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS

ALDERPOINT RD STORM DAMAGE (PM 5.0)



#### DRAINAGE SYSTEM (1)



DRAINAGE SYSTEM (2)

- 1. CONSTRUCTION ENTRANCE BMP'S MUST BE INSTALLED TO CONTROL VEHICLE TRACKING.
- 2. FOR FIBER ROLL DETAILS NOT SHOWN, SEE CALTRANS STANDARD PLANS, H51.

# EDUARD MUZYCHUK Exp. 12/31/23

BAR IS ONE INCH ON ORIGINAL DRAWING
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

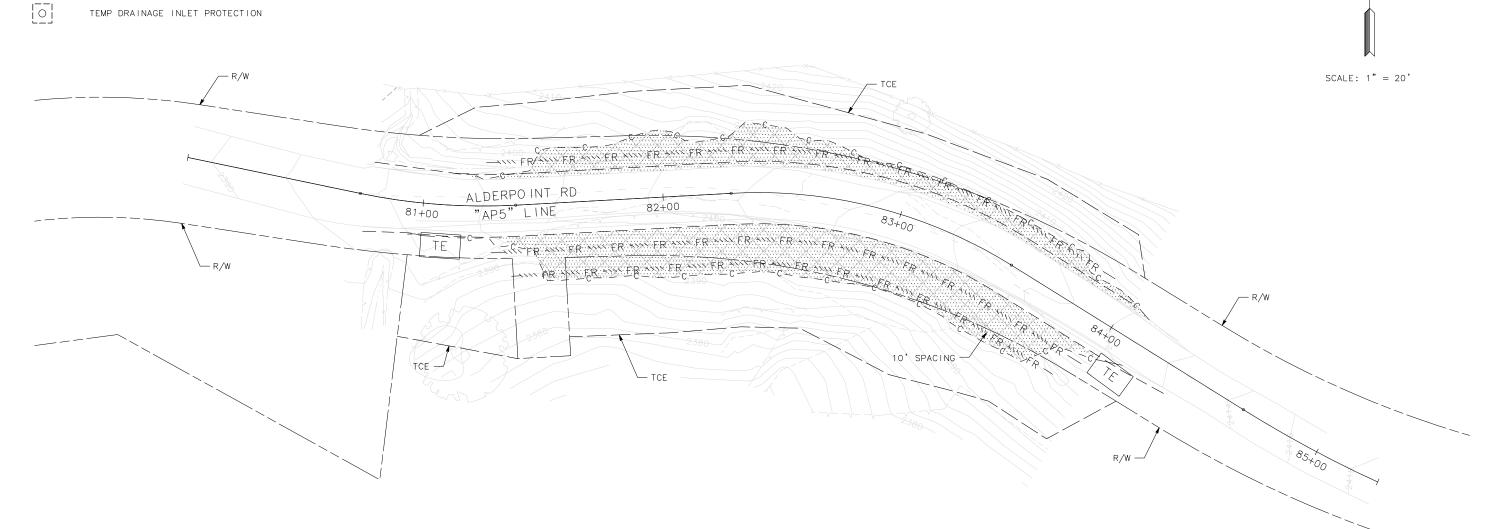
	NOAD NAME. ALDERI OINT NOAD		MARN MARN	COUNIT OF HUMBOLDI
N	ROAD NO: F6B165	MILE POST: 5.0	THOMAS	DEPARTMENT OF PUBLIC WORKS
i	PROJECT NO.: ER-32LO(273)	EA NO.:	DESIGNED BY: FL	ALDERPOINT RD STORM DAMAGE (PM 5.0)
l	CONTRACT NO.: 217250	BRIDGE NO: N/A	DRAWN BY: CM	
IT.	DRAWING FILE NAME:		REVIEWED BY: KAD	EROSION CONTROL
_Y	PLOT DATE: FEBRUARY 2023	REVISION DATE:	APPROVED BY: EM	

COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS

11 **52** 

#### **LEGEND**:

	DRY SEED AND STRAW WITH
	ROLLED EROSION CONTROL PRODUCT (RECP)
	EXISTING WETLANDS
─ FR —	FIBER ROLL
×	TEMP HIGH VISIBILITY FENCE
** TSF	TEMP SILT FENCE
——CD——	TEMP CHECK DAM
TE	TEMP CONSTRUCTION ENTRANCE



- 1. PERMANENT DRAINAGE AND UTILITIES NOT SHOWN ON THESE PLANS. SEE DRAINAGE AND UTILITY PLAN.
- 2. CONSTRUCT PAVING UNDER TRAFFIC CONTROL. MAINTAIN AT LEAST 11' FOR TWO-WAY ONE-LANE TRAFFIC.
- 3. ALL EXISTING PAVEMENT DELINEATION IN CONFLICT WITH STAGE CONSTRUCTION SHALL BE REMOVED.

#### **LEGEND**

WORK AREA

TEMPORARY PAVING AND TEMPORARY GRADING

8" CLASS 2 AB

TRAVEL DIRECTION(S)

□ TEMPORARY RAILING (TYPE K)

TEMP 12" WHITE LIMIT LINE

CONSTRUCTION AREA SIGN SINGLE POST

CHANNEL I ZERS

TEMP TRAFFIC SIGNAL

#### **CONSTRUCTION SITE 1:**

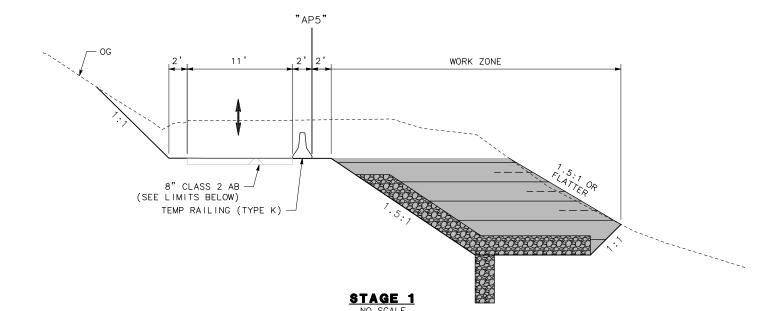
- 1 PAINT TEMP 12" WIDE WHITE LIMIT LINE, EACH DIRECTION. PLACE ADVANCED WARNING CONSTRUCTION AREA SIGNS AS SHOWN.
- (2) CONSTRUCT UNDER DRAINS AND OUTFALL PIPE.
- (3) CONSTRUCT REINFORCED EMBANKMENT, NEW PAVEMENT SECTION, AND OVERSIDE DRAIN PER PLANS.

#### TRAFFIC SITE 1:

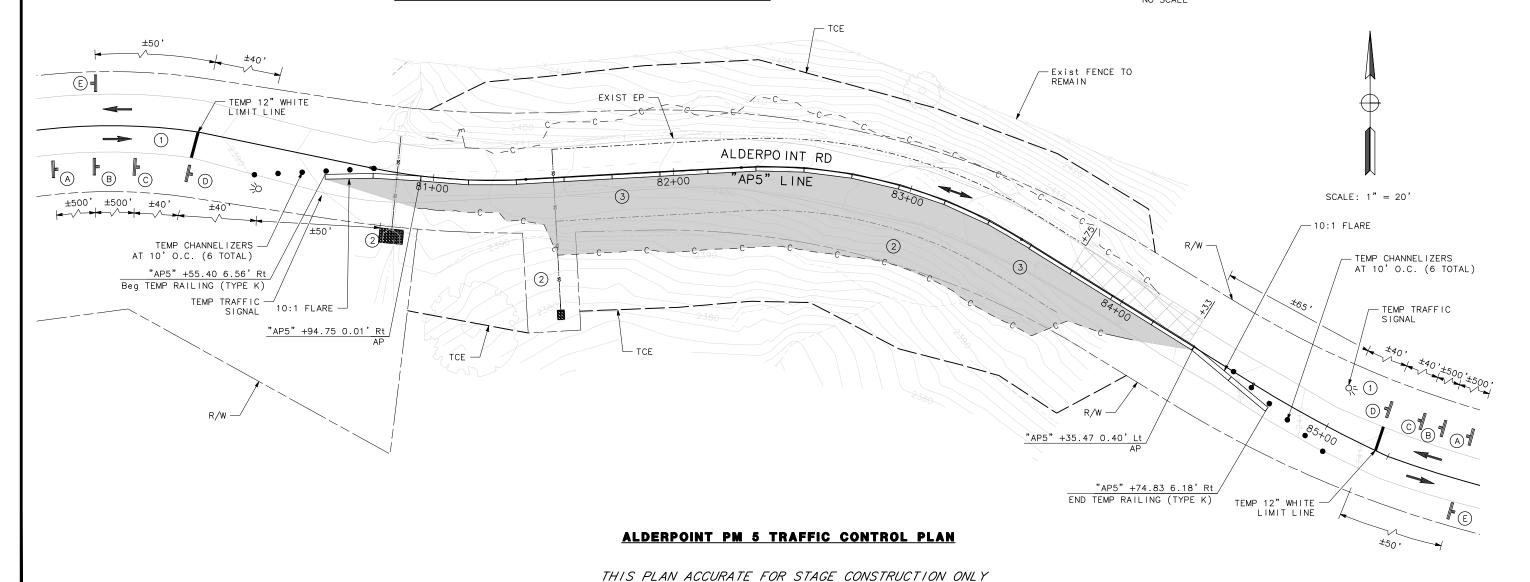
- 1. ALLOW SINGLE-LANE CONTROLLED TRAFFIC AND PERIODIC TEMPORARY ROAD CLOSURES DURING CONSTRUCTION.
- 2. PROVIDE MINIMUM NOTICE OF 2 WEEKS CLOSURES LONGER THAN 15 MINUTES.

CONS	TRUCTIO	N AREA SIGNS
SIGN LETTER SIGN CODE		SIGN MESSAGE
Α	W20-1	ROAD WORK AHEAD
В	W20-4	ONE LANE ROAD AHEAD
Ь	W13-1P	20 MPH
С	W3-3	SIGNAL AHEAD
D	R8-10	STOP HERE ON RED
E	G20-2	END ROAD WORK





**52** 



13

OF

**52** 

ALDERPOINT RD STORM DAMAGE (PM 6.98)

PROJECT C	CONTROL
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#### DATUM:

MARK THOMAS

DESIGNED BY: FL

DRAWN BY: FL

REVIEWED BY: GH

APPROVED BY: EM

- 1. COORDINATES FOR THIS SURVEY ARE CALIFORNIA COORDINATES COORDINATE SYSTEM OF 1983 (CCS83) ZONE 1, NAD 83 (2011), EPOCH 2010.0 BASED ON A STATIC GPS CONTROL SURVEY USING THE NGS OPUS POST PROCESSING SOFTWARE. THE CONTROL POINT IDENTIFIED AS POINT 55 SOFIWARE. THE CONTROL POINT IDENTIFIED AS POINT 55 WAS HELD FOR HORIZONTAL POSITIONS SHOWN HEREON. THE MAPPING ANGLE IS 1 DEGREE 06 MINUTES 46 SECONDS; ROTATE BEARINGS HEREON COUNTERCLOCKWISE BY THIS ANGLE TO OBTAIN "TRUE" OR GEODETIC BEARINGS. GRID DISTANCES SHOWN SHOULD BE DIVIDED BY THE COMBINED SCALE FACTOR OF 0.99984470 TO OBTAIN GROUND DISTANCES. MAPPING ANGLE AND GRID SCALE FACTOR ARE TAKEN AT CONTROL POLIT NUMBER 55 A \$ NOVE BERAP AND DISTANCES. MAPPING ANGLE AND GRID SCALE FACTOR ARE TAKEN AT CONTROL POINT NUMBER 55, A \$\frac{1}{8}\$ INCH REBAR AND CAP STAMPED "PWS CONTROL", IN THE WEST SHOULDER OF THE ROAD. ELEVATIONS ARE NAVD 88 DATUM BASED ON OPUS SOLUTION UTILIZING THE GEOID 12B MODEL: AN ELEVATION OF 2823.34 FEET WAS MEASURED AT THE AFOREMENTIONED CONTROL POINT 55. THIS POINT IS INTER VISIBLE WITH CONTROL POINT # 50 WHICH BEARS S 68 58 05" E 1606.37 FEET. POINT 50 IS OF SAME CHARACTER OF POINT 51 AS DESCRIBED ABOVE. 51 AS DESCRIBED ABOVE.
- 2. THE RIGHT OF WAY SHOWN ON THIS SURVEY IS FORTY FEET IN WIDTH CENTERED ON THE EXISTING CENTERLINE OF THE ROAD. NO DEEDED, DEDICATED, OR ROAD REGISTER RIGHT OF WAY WAS FOUND IN THE COURSE OF RESEARCH FOR THIS PROJECT. THE RIGHT OF WAY THEREFORE IS AN IMPLIED COMMON LAW DEDICATION VIA LONGTIME PUBLIC USE AND MAINTENANCE BY THE COUNTY.

EDUARD MUZYCHUK No. 90738 Exp. 12/31/23 CIVIL

DAD NAME: ALDERPOINT ROAD

PROJECT NO.: ER-32LO(278)

PLOT DATE: FEBRUARY 2023

MILE POST: 6.98

BRIDGE NO: N/A

REVISION DATE:

EA NO.:

ROAD NO: F6B165

CONTRACT NO.: 217255

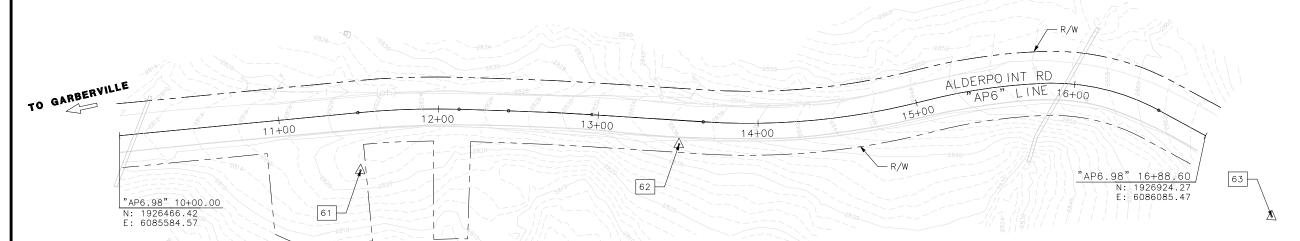
DRAWING FILE NAME:





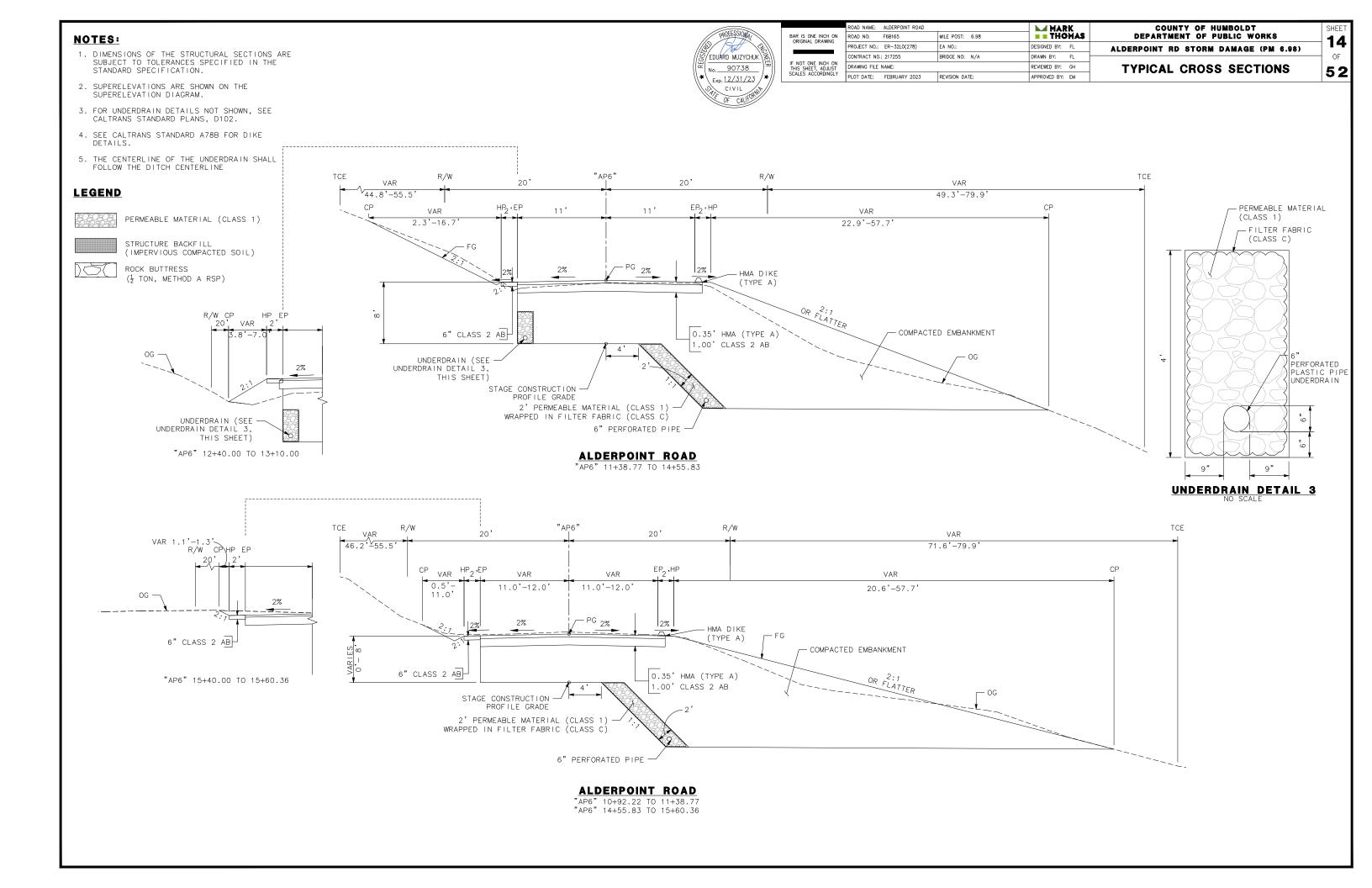
SCALE: 1" = 30'

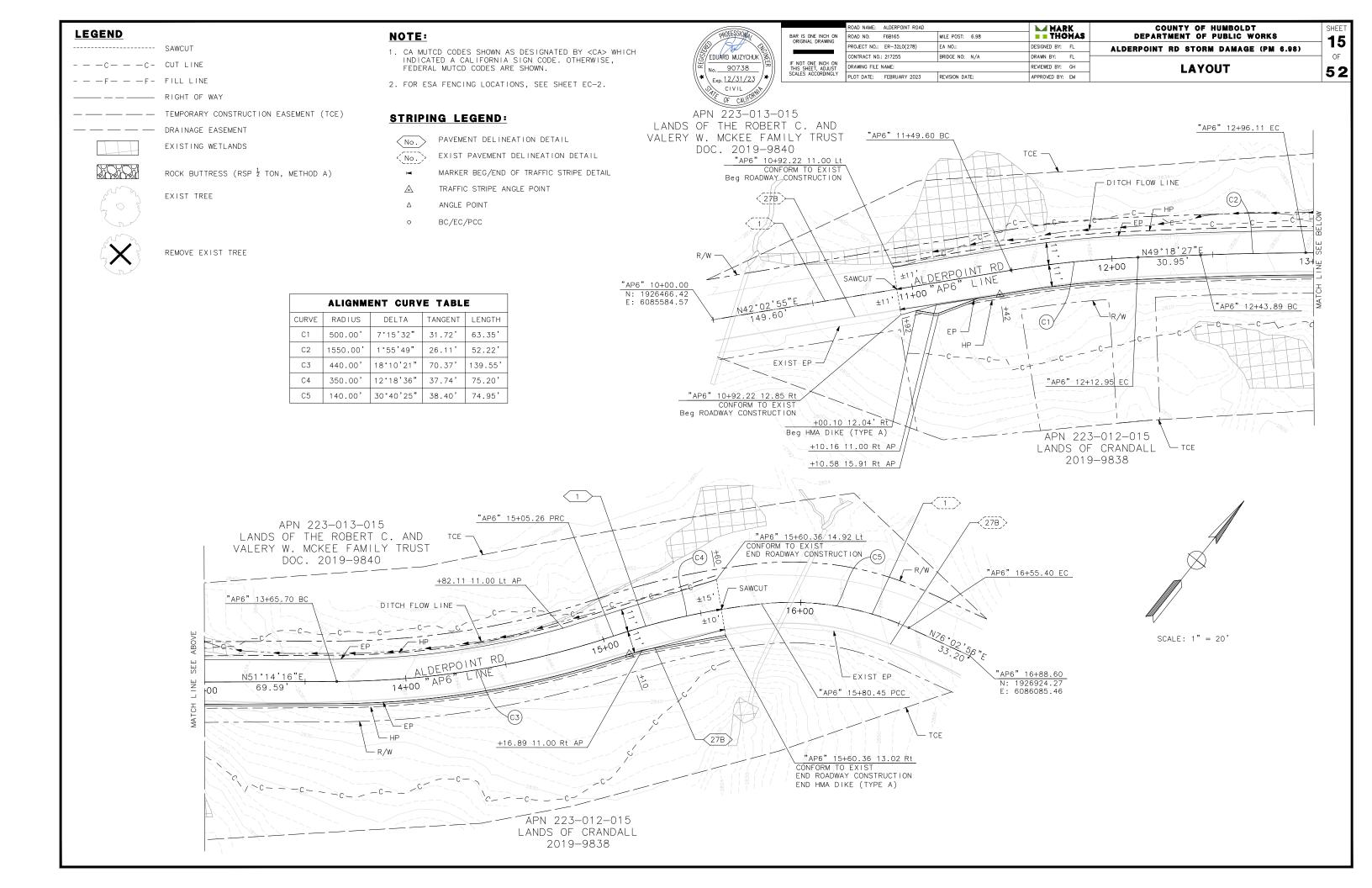
APN 223-013-015 THE ROBERT C. AND VALERY W. MCKEE FAMILY TRUST DOC. 2020-22094



APN 223-012-015 LANDS OF CRANDALL DOC. 2019-9838

CONSTRUCTION SURVEY CONTROL DATA							
POINT #	NORTHING	EASTING	ELEVATION	DESCRIPTION	STATION/OFFSET		
60	1925975.51	6087209.71	2924.18	REBAR & CAP "PWS CONTROL"	"AP6" 14+01.40 1524.92 Rt		
61	1926552.02	6085710.36	2823.34	REBAR & CAP "PWS CONTROL"	"AP6" 11+47.82 36.08 Rt		
62	1926698.35	6085846.30	2835.26	SPIKE	"AP6" 13+51.59 14.95 Rt		
63	1926914.92	6086150.16	2871.64	SPIKE	-		
64	1926364.57	6087095.10	2909.09	SPIKE	_		
66	1926556.27	6087130.00	2891.85	SPIKE	_		







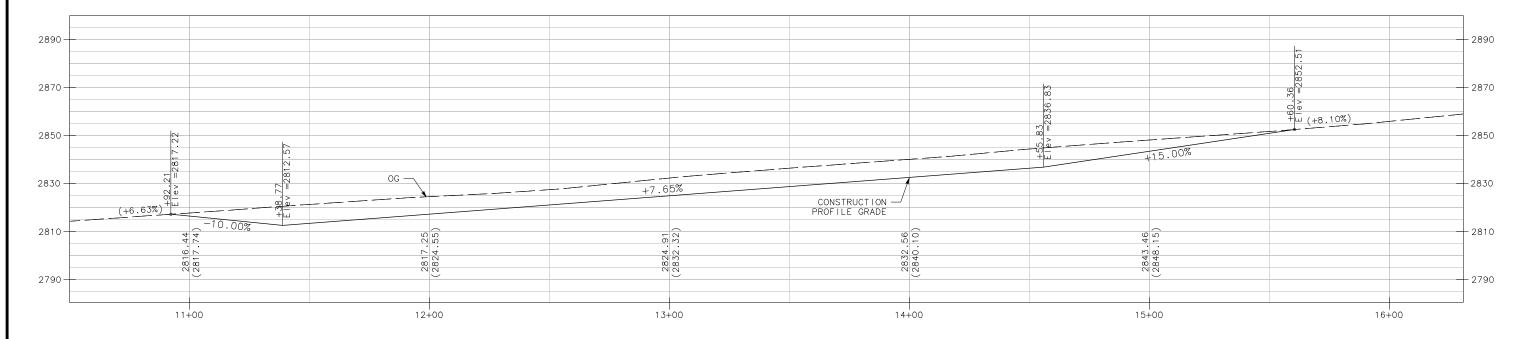
	ROAD NAME:	ALDERPOINT ROAD		MAR	K	Г
INCH ON DRAWING	ROAD NO:	F6B165	MILE POST: 6.98	THO		
DRAWING	PROJECT NO.:	ER-32L0(278)	EA NO.:	DESIGNED BY:	FL	Γ
	CONTRACT NO.:	: 217255	BRIDGE NO: N/A	DRAWN BY:	FL	H
INCH ON T, ADJUST	DRAWING FILE I	NAME:		REVIEWED BY:	GH	
CORDINGLY	PLOT DATE:	FEBRUARY 2023	REVISION DATE:	APPROVED BY:	ЕМ	
						_

COUNTY	OF	HUMBOL	.DT			
DEPARTMENT	OF	PUBLIC	W	ORKS		
ALDEDDOINT DD 6	TAB	M DAMA	ΩE	/DM	_	001

**PROFILE** 

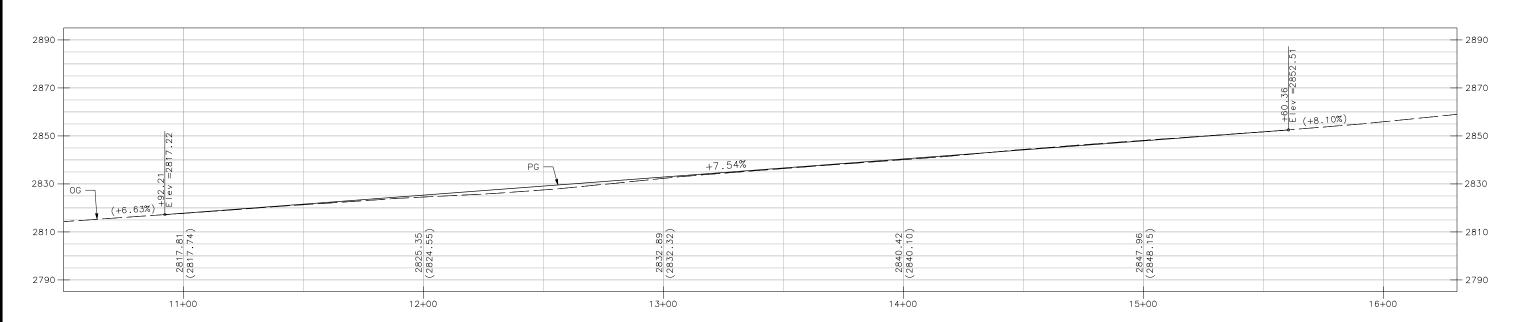
16

**52** 

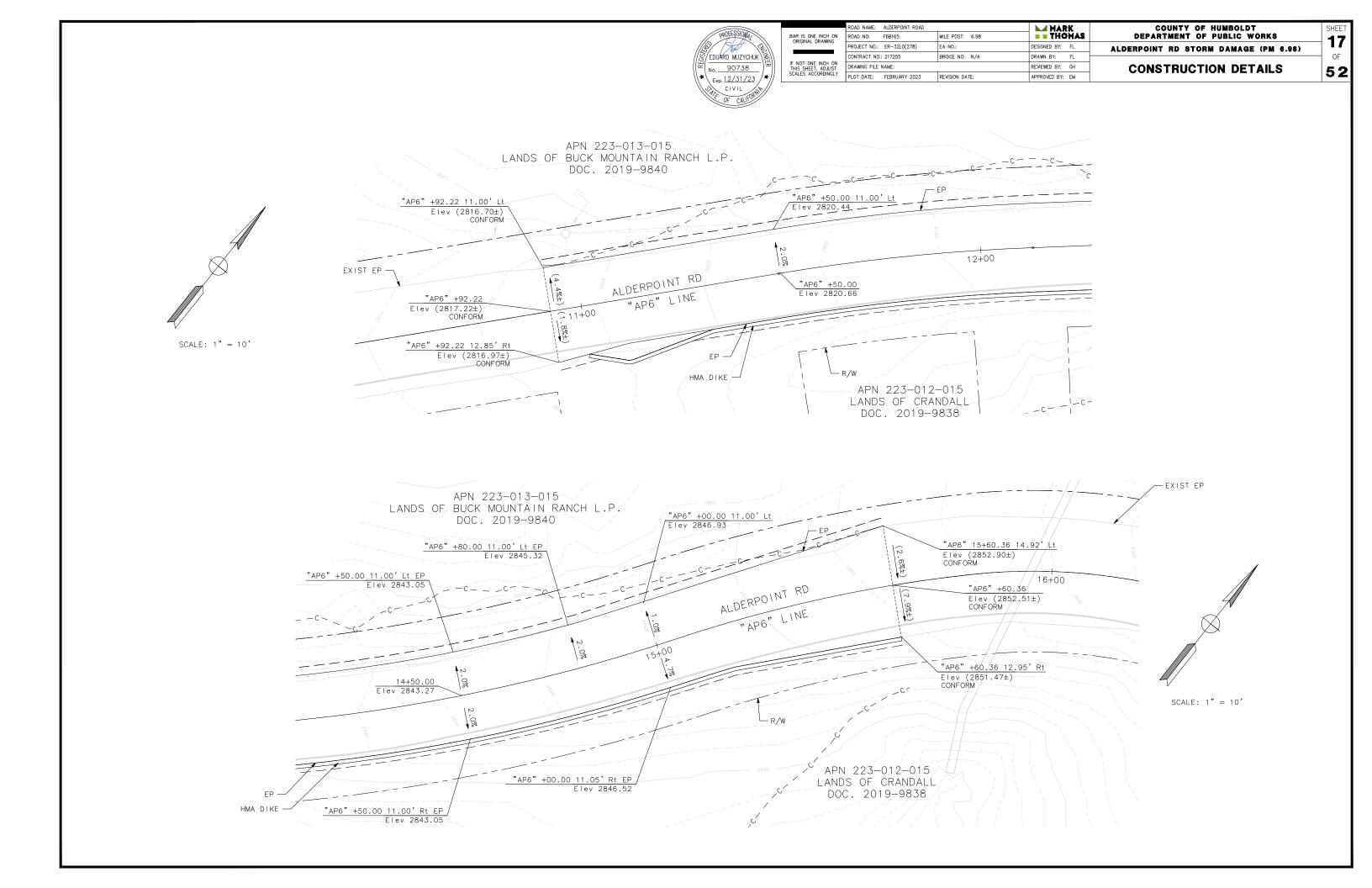


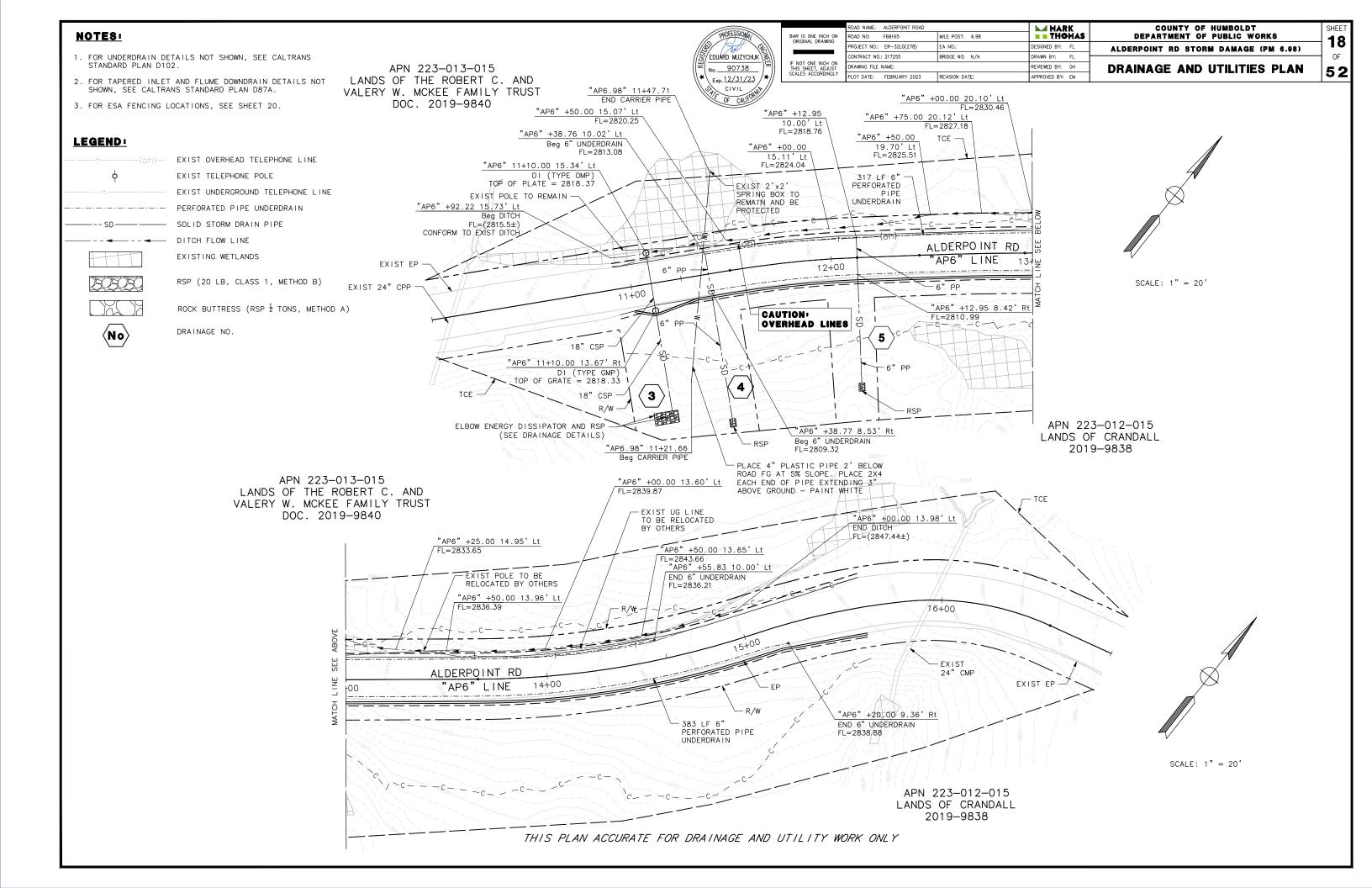
#### STAGE CONSTRUCTION PROFILE

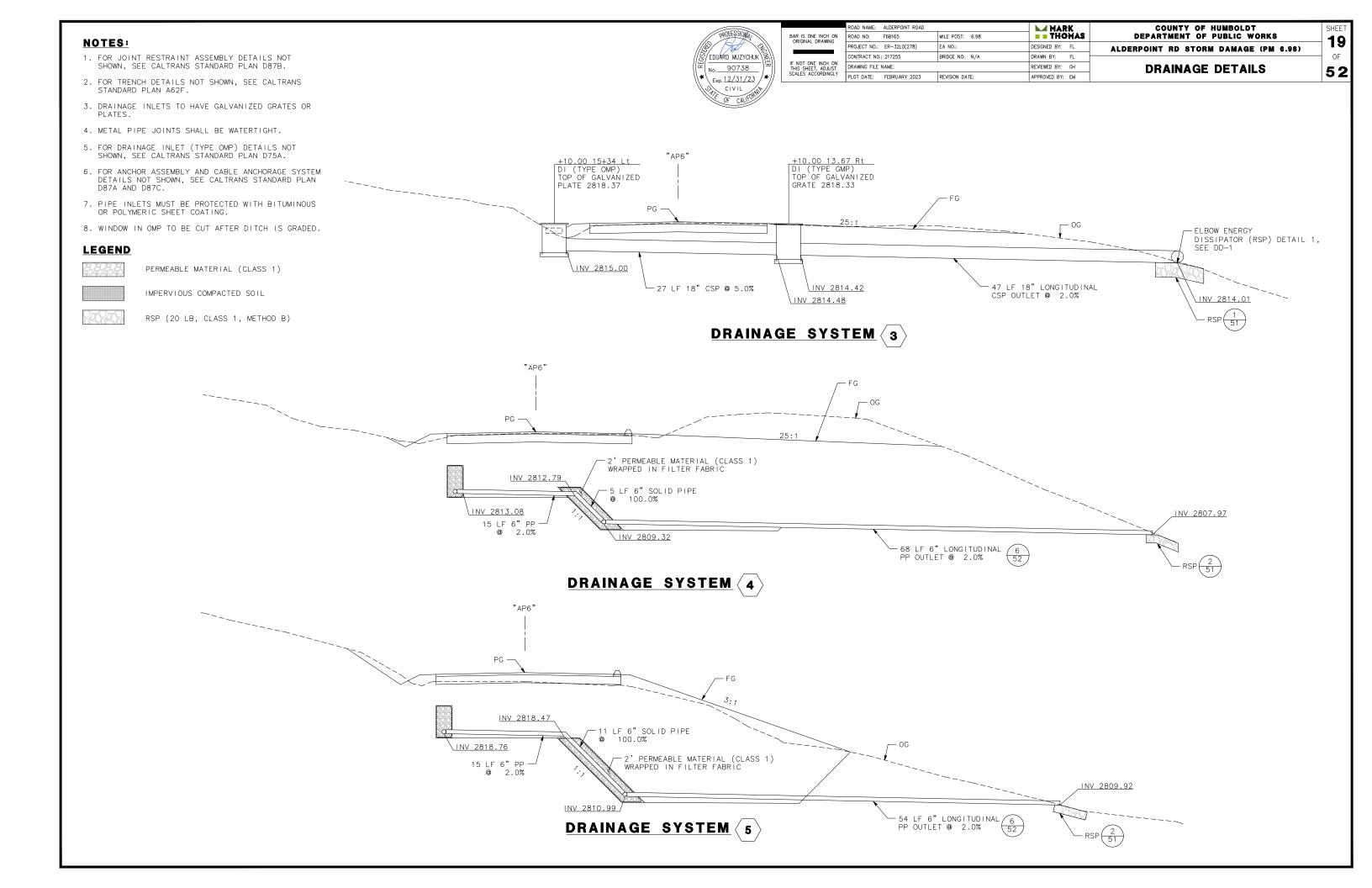
"AP6" LINE SCALE: HORIZ 1" = 20' VERT 1" = 5'



# PROFILE "AP6" LINE SCALE: HORIZ 1" = 20' VERT 1" = 5'







#### COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS MARK THOMAS MILE POST: 6.98 ROAD NO: F6B165 NOTES: EA NO.: DESIGNED BY: FL PROJECT NO.: ER-32LO(278) ALDERPOINT RD STORM DAMAGE (PM 6.98) CONSTRUCTION ENTRANCE BMP'S MUST BE INSTALLED TO CONTROL VEHICLE TRACKING. /EDUARD MUZYCHUK (系) CONTRACT NO.: 217255 BRIDGE NO: N/A DRAWN BY: FL DRAWING FILE NAME: REVIEWED BY: GH No. 90738 **EROSION CONTROL** 2. FOR FIBER ROLL DETAILS NOT SHOWN, SEE CALTRANS STANDARD PLANS, H51. PLOT DATE: FEBRUARY 2023 REVISION DATE: APPROVED BY: EM \ <sub>Exp.</sub> <u>12/31/23</u> / CIVIL **LEGEND**: DRY SEED AND STRAW WITH ROLLED EROSION CONTROL PRODUCT (RECP) EXISTING WETLANDS - FIBER ROLL TEMP HIGH VISIBILITY FENCE \*\* TSF - TEMP SILT FENCE TEMP CHECK DAM SCALE: 1" = 30'ΤE TEMP CONSTRUCTION ENTRANCE TEMP DRAINAGE INLET PROTECTION TCE -16+00 TO FRINGER SINGER - PICES \*\*- TSF -

TSF -XX TSF -XX

20

**52** 

- 15' SPACING

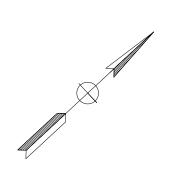
#### CONSTRUCTION SITE 2:

- PAINT TEMP 12" WIDE WHITE LIMIT LINE, EACH DIRECTION.

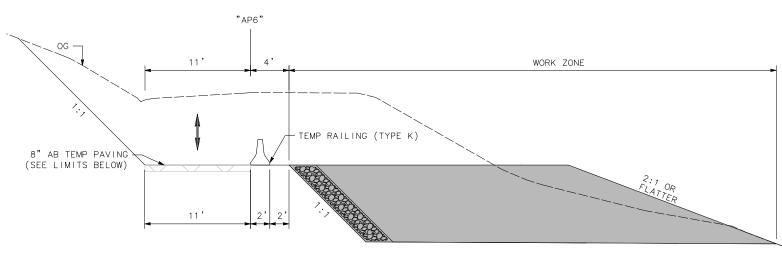
  1 PLACE ADVANCED WARNING CONTRUCTION AREA SIGNS AS
- ② CONSTRUCT DRAINAGE INLET, UNDER DRAINS AND OUTFALL PIPE.
- 3 CONSTRUCT REINFORCED EMBANKMENT, NEW PAVEMENT SECTION, AND OVERSIDE DRAIN PER PLANS.

#### TRAFFIC SITE 2:

- 1. ALLOW SINGLE-LANE CONTROLLED TRAFFIC AND PERIODIC TEMPORARY ROAD CLOSURES DURING CONSTRUCTION.
- 2. PROVIDE MINIMUM NOTICE OF 2 WEEKS FOR CLOSURES LONGER THAN 15 MINUTES.
- 3. "LOOSE GRAVEL" SIGNS ARE REQUIRED IF ROADWAY WILL BE OPEN TO TWO-WAY TRAFFIC PRIOR TO PAVING.



CONS	TRUCTIO	N AREA SIGNS
SIGN LETTER	SIGN CODE	SIGN MESSAGE
А	W20-1	ROAD WORK AHEAD
В	W20-4	ONE LANE ROAD AHEAD
	W13-1P	20 MPH
С	W3-3	SIGNAL AHEAD SYMBOL
D	R8-10	STOP HERE ON RED
E	G20-2	END ROAD WORK



ROJECT NO.: ER-32LO(278)

PLOT DATE: FEBRUARY 2023

ONTRACT NO.: 217255

RAWING FILE NAME:

IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY EA NO.:

BRIDGE NO: N/A

REVISION DATE:

MARK
THOMAS

DESIGNED BY: FL

DRAWN BY: FL

REVIEWED BY: GH

APPROVED BY: EM

COUNTY OF HUMBOLDT

DEPARTMENT OF PUBLIC WORKS

ALDERPOINT RD STORM DAMAGE (PM 6.98)

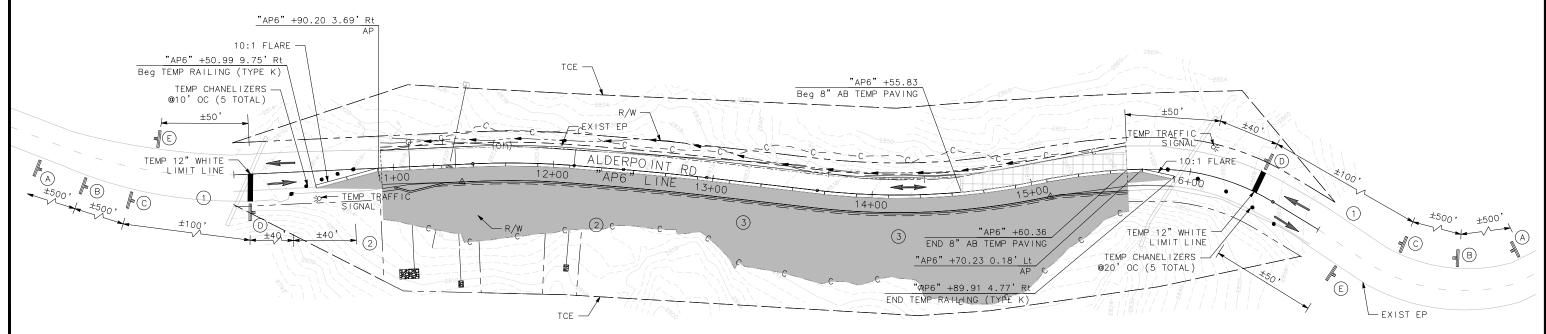
STAGE CONSTRUCTION

21

**52** 

STAGE 1





PROFESSIONA/

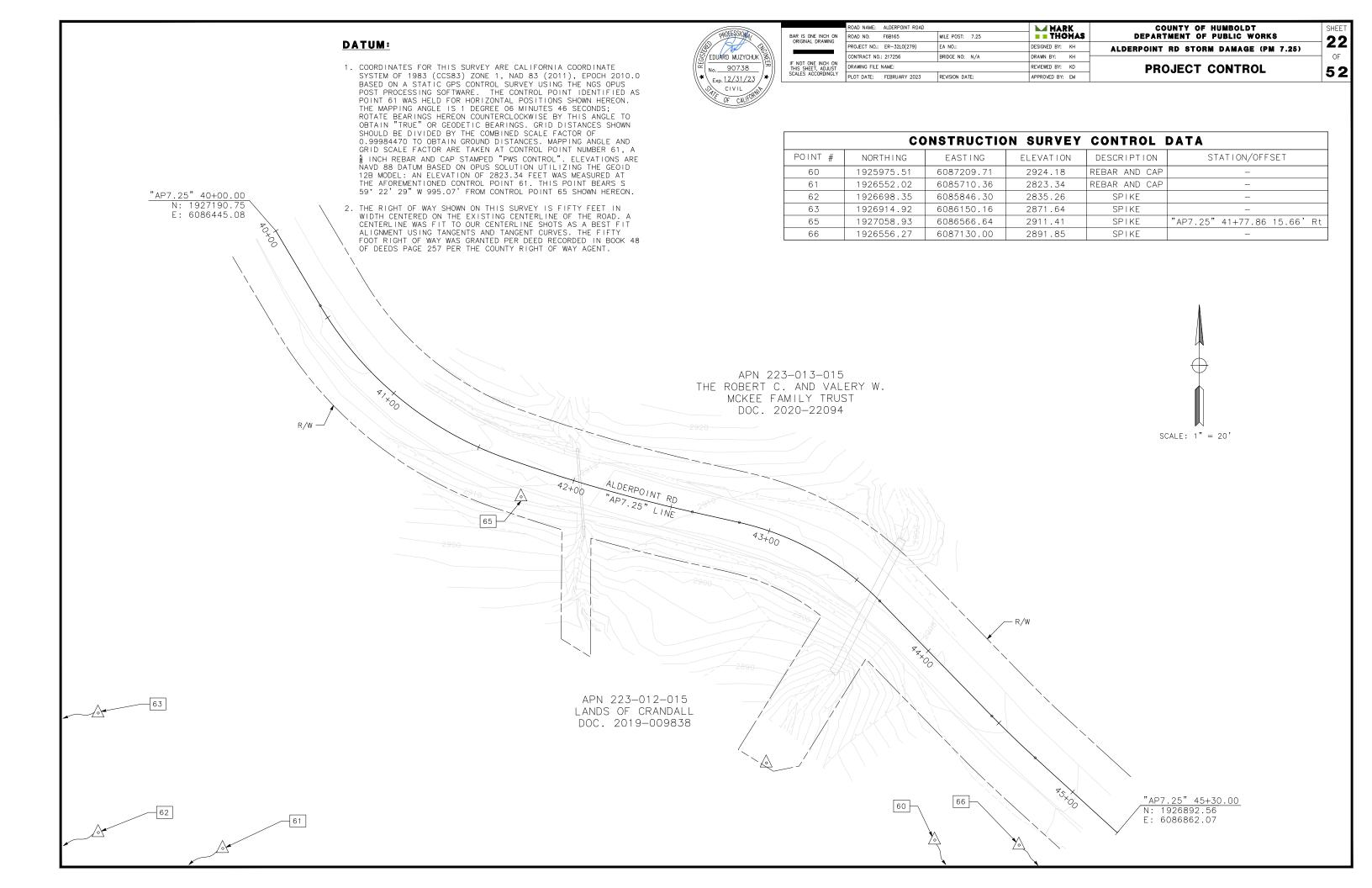
多/EDUARD MUZYCHUK ] []

∖ <sub>Exp.</sub> <u>12/31/23</u> /\*

CIVIL

No. 90738

ALDERPOINT PM 6.98 TRAFFIC CONTROL PLAN



- 1. DIMENSIONS OF THE STRUCTURAL SECTIONS ARE SUBJECT TO TOLERANCES SPECIFIED IN THE STANDARD SPECIFICATION.
- 2. SUPERELEVATIONS ARE SHOWN ON THE SUPERELEVATION DIAGRAM.
- 3. FOR UNDERDRAIN DETAILS NOT SHOWN, SEE CALTRANS STANDARD PLANS, D102.
- 4. SEE CALTRANS STANDARD A78B FOR DIKE DETAILS.
- 5. THE CENTERLINE OF THE UNDERDRAIN SHALL FOLLOW THE DITCH CENTERLINE

#### LEGEND

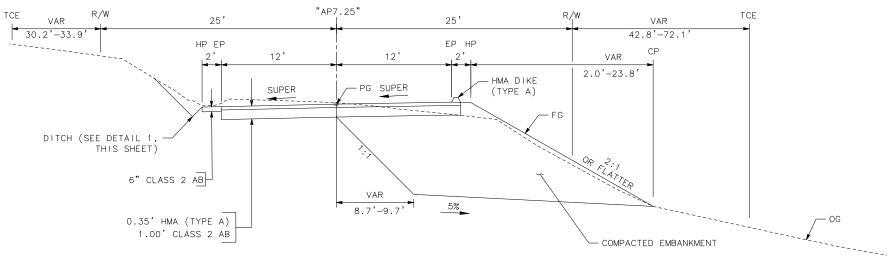
PERMEABLE MATERIAL (CLASS 1)



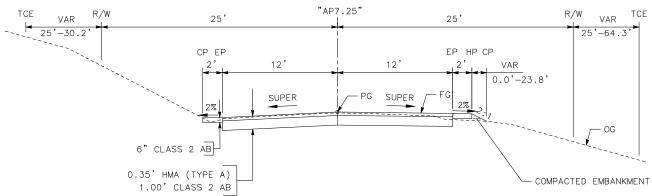
STRUCTURE BACKFILL (IMPERVIOUS COMPACTED SOIL)



ROCK BUTTRESS ( $\frac{1}{2}$  TON, METHOD A RSP)







#### **ALDERPOINT ROAD** "AP7.25" 40+40.00 TO 41+60.00 "AP7.25" 44+10.00 TO 45+00.00



	ROAD NAME:	ALDERPOINT ROAD		MAI	:K
NCH ON AWING	ROAD NO:	F6B165	MILE POST: 7.25	= THO	HM/
AWING	PROJECT NO.:	ER-32L0(279)	EA NO.:	DESIGNED BY:	KH
	CONTRACT NO.:	217256	BRIDGE NO: N/A	DRAWN BY:	KH
NCH ON ADJUST	DRAWING FILE	NAME:		REVIEWED BY:	KD
RDINGLY	PLOT DATE:	FEBRUARY 2023	REVISION DATE:	APPROVED BY:	Ем

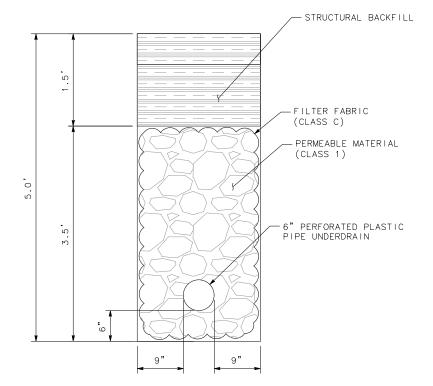
TYPICAL	CROSS	SECTIONS

COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS

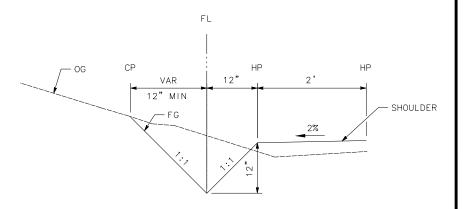
ALDERPOINT RD STORM DAMAGE (PM 7.25)

23

**52** 

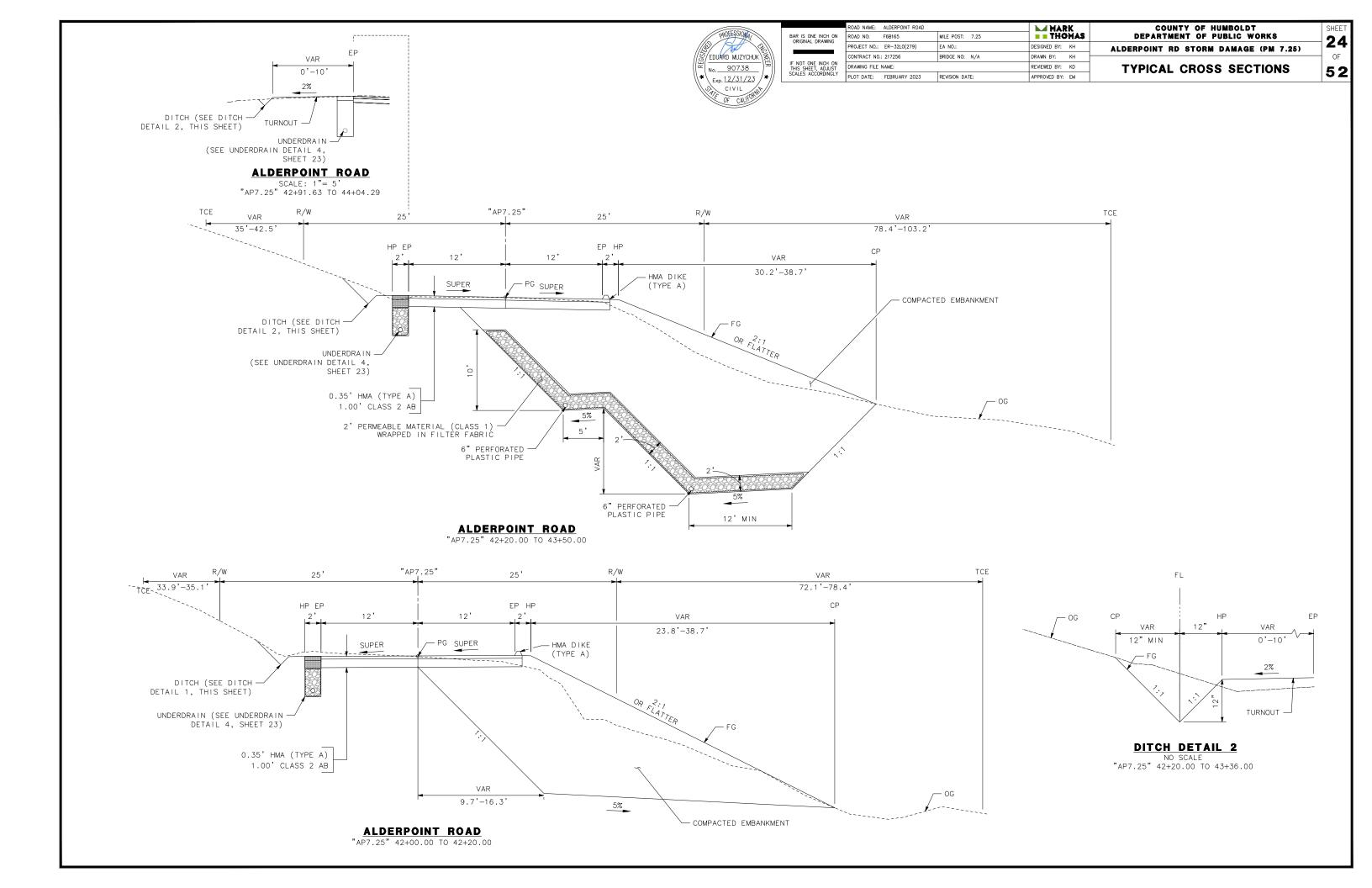


#### **UNDERDRAIN DETAIL 4**



#### DITCH DETAIL 1

NO SCALE "AP7.25" 42+00.00 TO 42+19.99 "AP7.25" 41+20.00 TO 41+94.99





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BAR IS ONE INCH ON ORIGINAL DRAWING	l
URIGINAL DRAWING	Γ
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IF NOT ONE INCH ON THIS SHEET, ADJUST	ľ
SCALES ACCORDINGLY	ŀ
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ROAD NO:         F6B165         MILE POST:         7.25         THOMAS           PROJECT NO:         ER-32L0(279)         EA NO:         DESIGNED BY:         KH	ROAD NAME: ALD	DERPOINT ROAD		MAR MAR	K
	ROAD NO: F6E	B165	MILE POST: 7.25	- THO	MAS
	PROJECT NO.: ER	R-32L0(279)	EA NO.:	DESIGNED BY:	KH
CONTRACT NO.: 217256 BRIDGE NO: N/A DRAWN BY: KH	CONTRACT NO.: 21	7256	BRIDGE NO: N/A	DRAWN BY:	KH
DRAWING FILE NAME: REVIEWED BY: KD	DRAWING FILE NAM	ME:		REVIEWED BY:	KD
PLOT DATE: FEBRUARY 2023 REVISION DATE: APPROVED BY: EM	PLOT DATE: FEE	BRUARY 2023	REVISION DATE:	APPROVED BY:	Ем

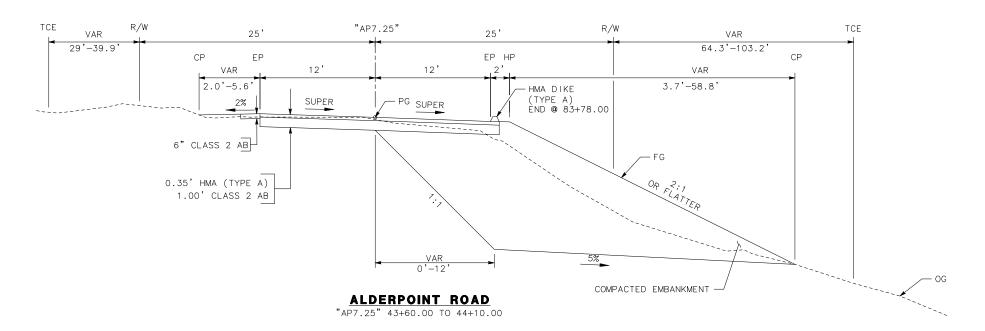
ALDERPOINT	RD	STORM	DAMAGE	(PM 7.25)
TYPICA	L (	CROS	S SEC	TIONS

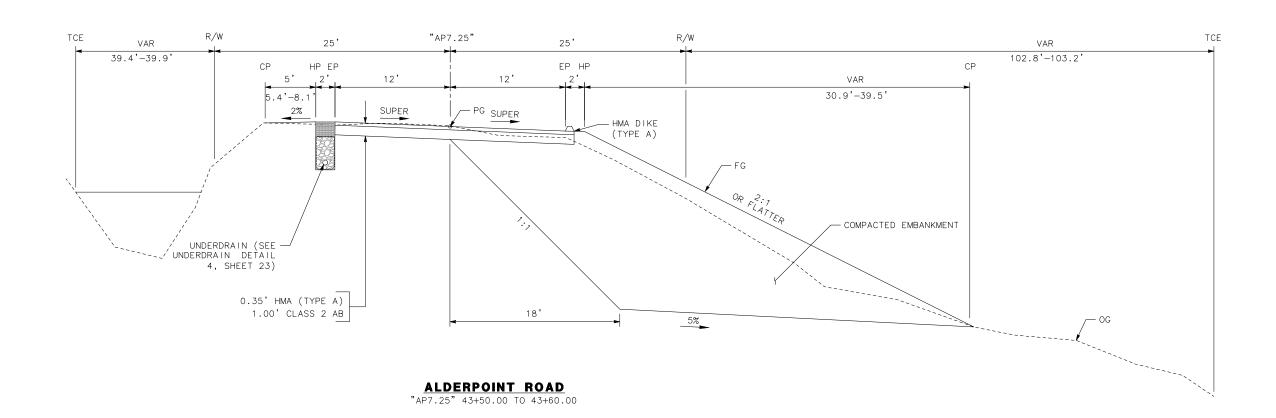
COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS

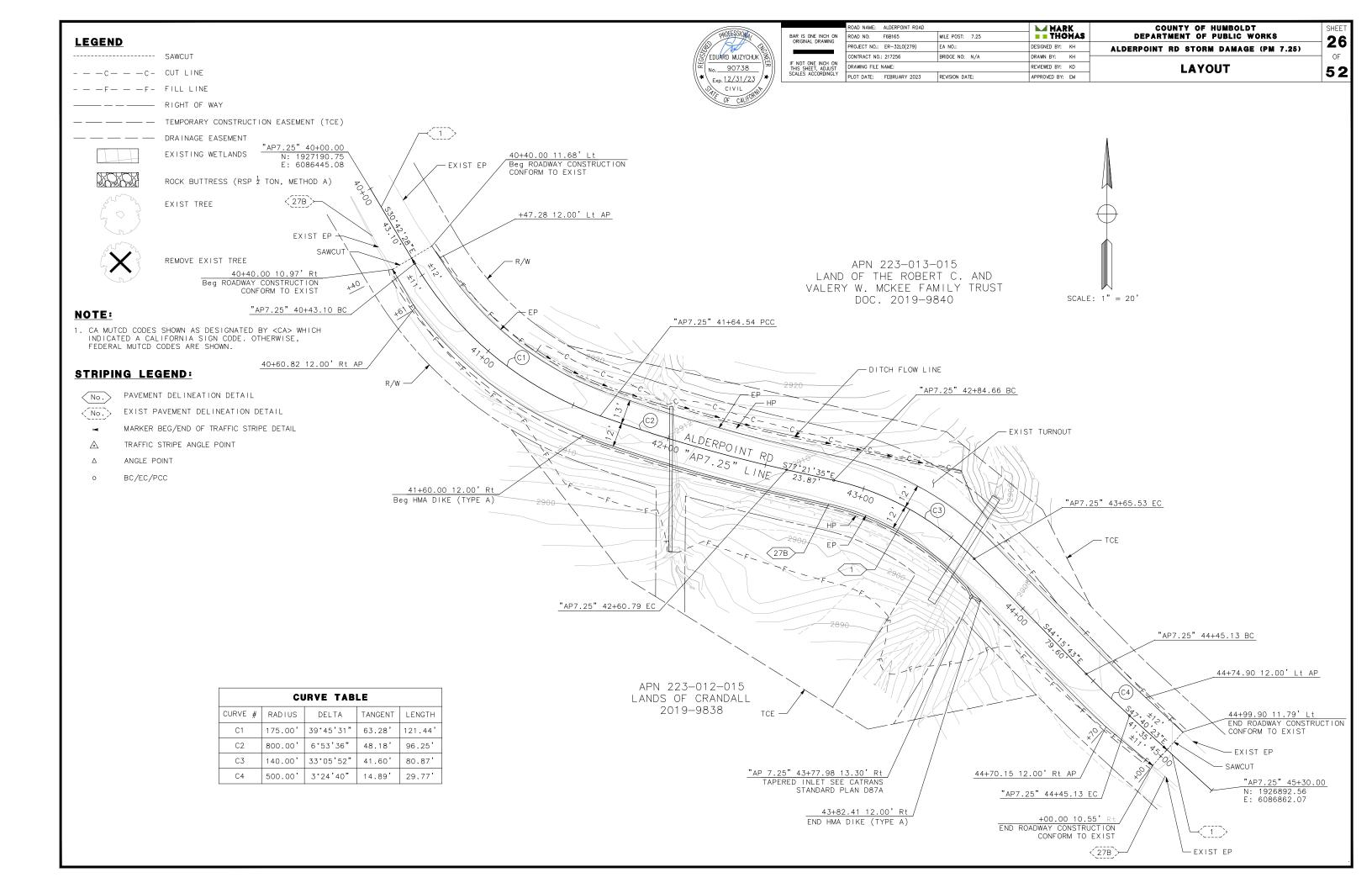
TYPICAL CROSS SECTIONS

SHEET **25** 

**52** 









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IF NOT ONE INCH ON THIS SHEET, ADJUST	Df
SCALES ACCORDINGLY	PI

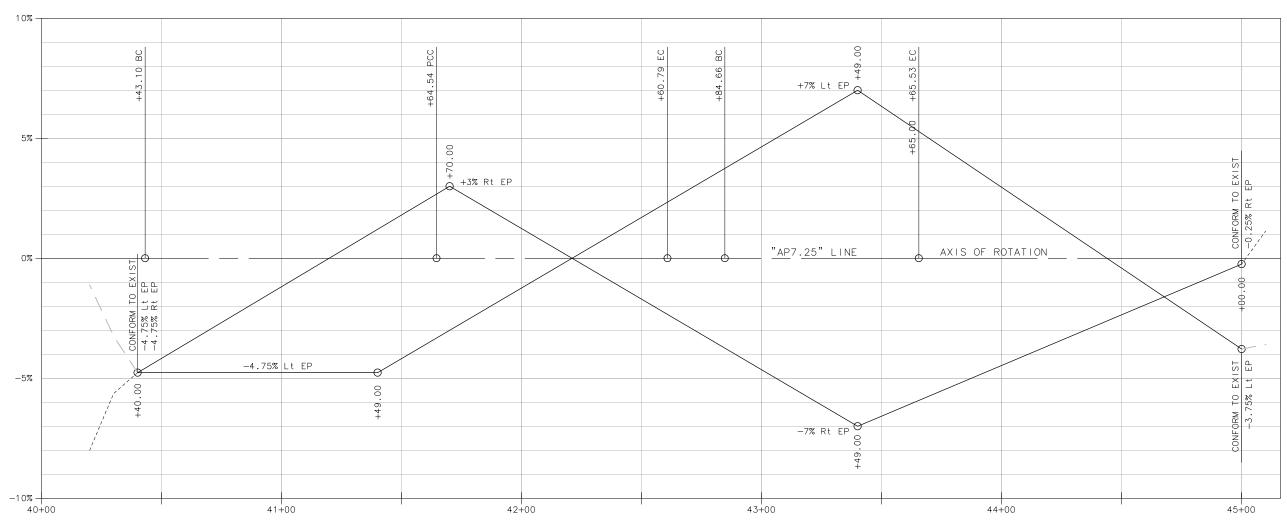
ROAD NAME:	ALDERPOINT ROAD		MAR MAR	K
ROAD NO:	F6B165	MILE POST: 7.25	- THO	MĀ
PROJECT NO.:	ER-32L0(279)	EA NO.:	DESIGNED BY:	KH
CONTRACT NO.	: 217256	BRIDGE NO: N/A	DRAWN BY:	KH
DRAWING FILE	NAME:		REVIEWED BY:	KD
PLOT DATE:	FEBRUARY 2023	REVISION DATE:	APPROVED BY:	Ем

ERPOINT RD STORM DAMAGE (PM	COU DEPARTM			HUMBOL Public		ıKS
	ERPOINT R	D 81	ORM	DAMA	GE (	PM

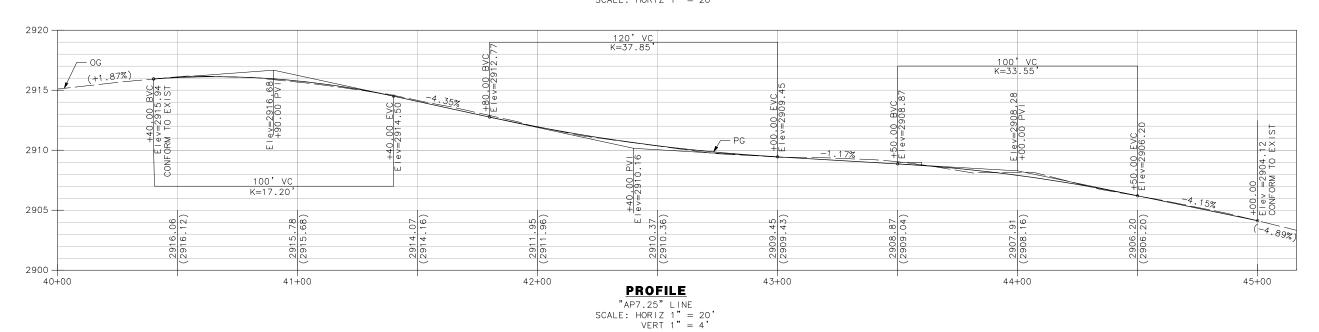
ALDERF M 7.25) SHEET **27** 

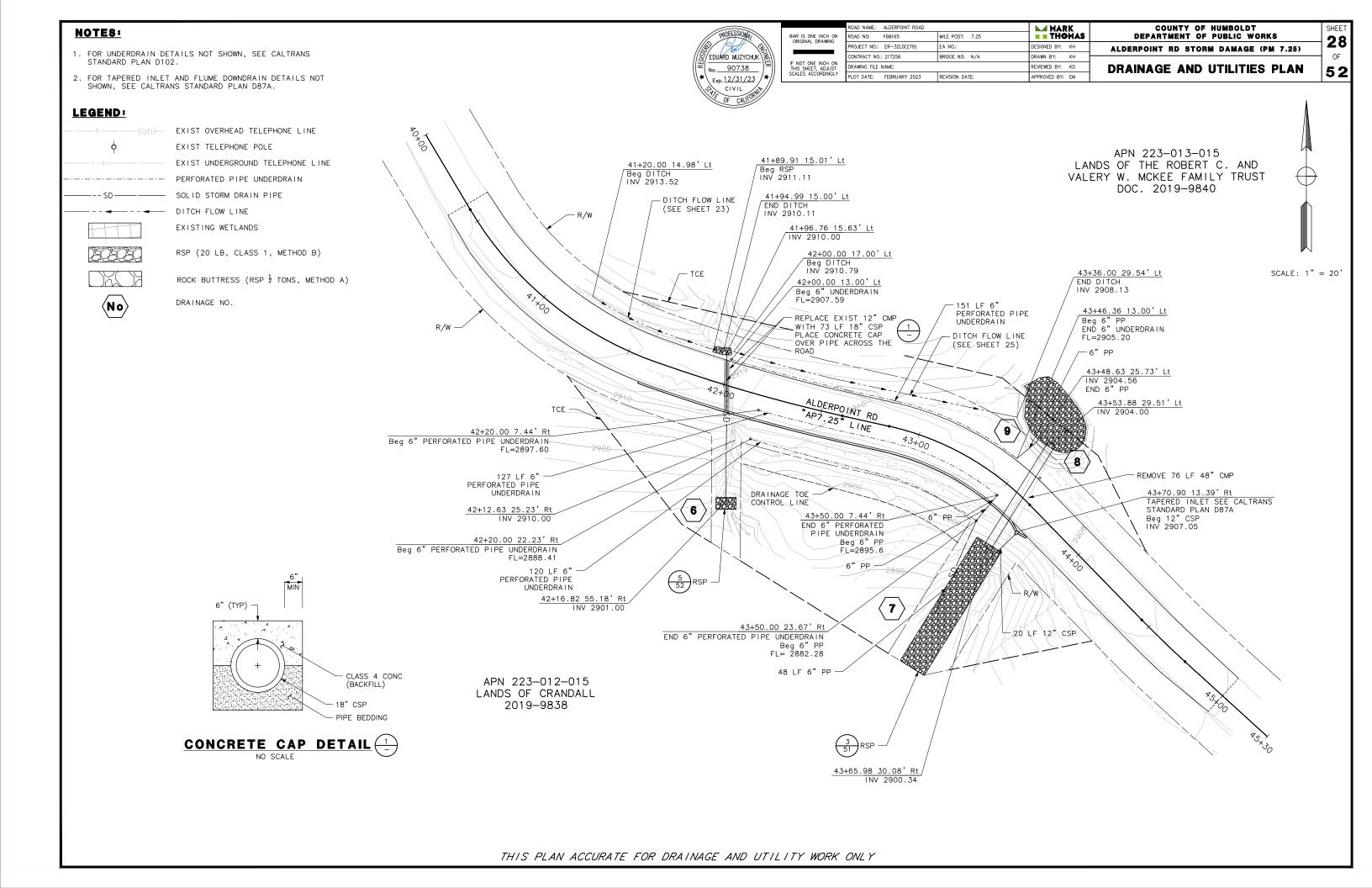
**52** 

**PROFILE** 



#### SUPERELEVATION DIAGRAM "AP7.25" LINE SCALE: HORIZ 1" = 20'





#### **NOTES:** 1. FOR JOINT RESTRAINT ASSEMBLY DETAILS NOT SHOWN, SEE CALTRANS STANDARD PLAN D87B. 2. FOR TRENCH DETAILS NOT SHOWN, SEE CALTRANS STANDARD PLAN A62F. 3. DRAINAGE INLETS TO HAVE GALVANIZED GRATES OR PLATES.

- 4. METAL PIPE JOINTS SHALL BE WATERTIGHT.
- 5. FOR DRAINAGE INLET (TYPE OMP) DETAILS NOT SHOWN, SEE CALTRANS STANDARD PLAN D75A.
- 6. FOR ANCHOR ASSEMBLY AND CABLE ANCHORAGE SYSTEM DETAILS NOT SHOWN, SEE CALTRANS STANDARD PLAN D87A AND D87C.
- 7. PIPE INLETS MUST BE PROTECTED WITH BITUMINOUS OR POLYMERIC SHEET COATING.
- 8. WINDOW IN OMP TO BE CUT AFTER DITCH IS GRADED.

#### **LEGEND**

PERMEABLE MATERIAL (CLASS 1)



IMPERVIOUS COMPACTED SOIL



RSP (20 LB, CLASS 1, METHOD B)



	ORIGINAL DRAWING
	IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY
′/	

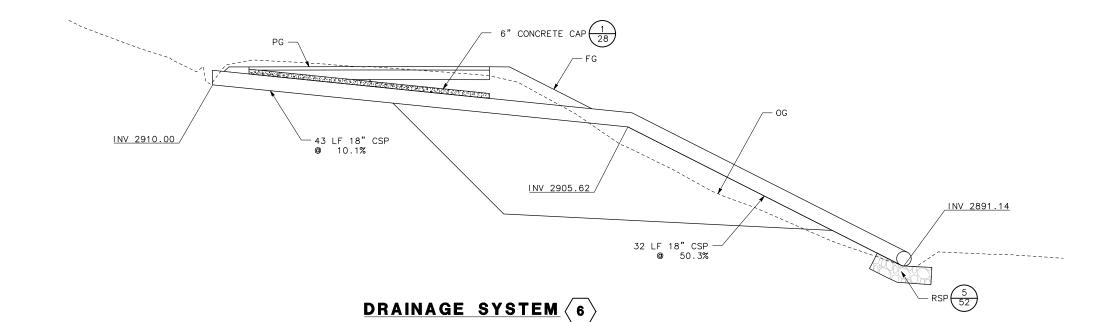
	ROAD NAME: A	ROAD NAME: ALDERPOINT ROAD				Г
ON IG	ROAD NO: F	6B165	MILE POST: 7.25	THO	MAS	
	PROJECT NO.: E	ER-32L0(279)	EA NO.:	DESIGNED BY:	KH	Ī
•	CONTRACT NO.: 2	217256	BRIDGE NO: N/A	DRAWN BY:	КН	_
ON IST GLY	DRAWING FILE NA	REVIEWED BY:	KD			
	PLOT DATE: F	EBRUARY 2023	REVISION DATE:	APPROVED BY:	ЕМ	

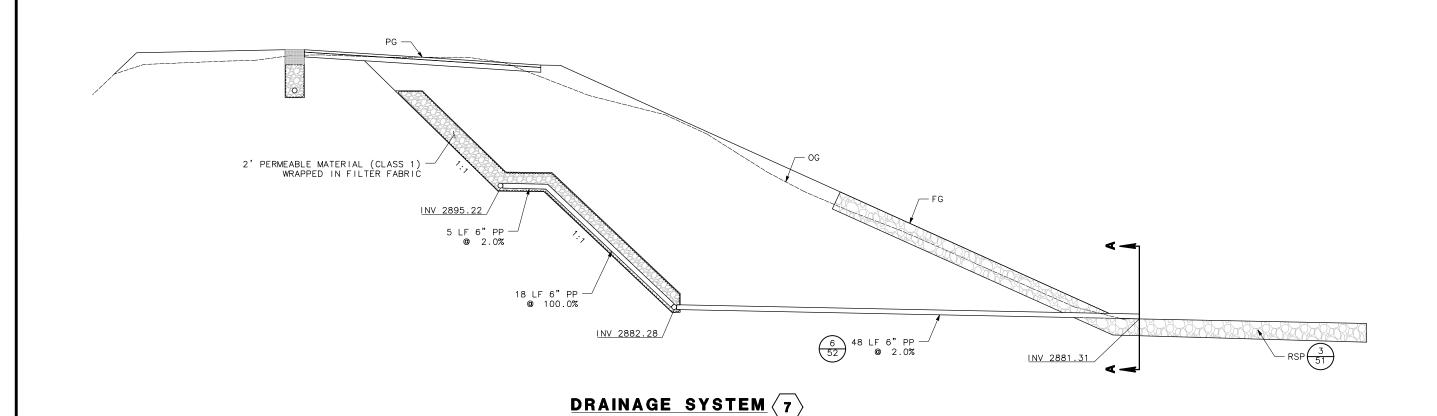


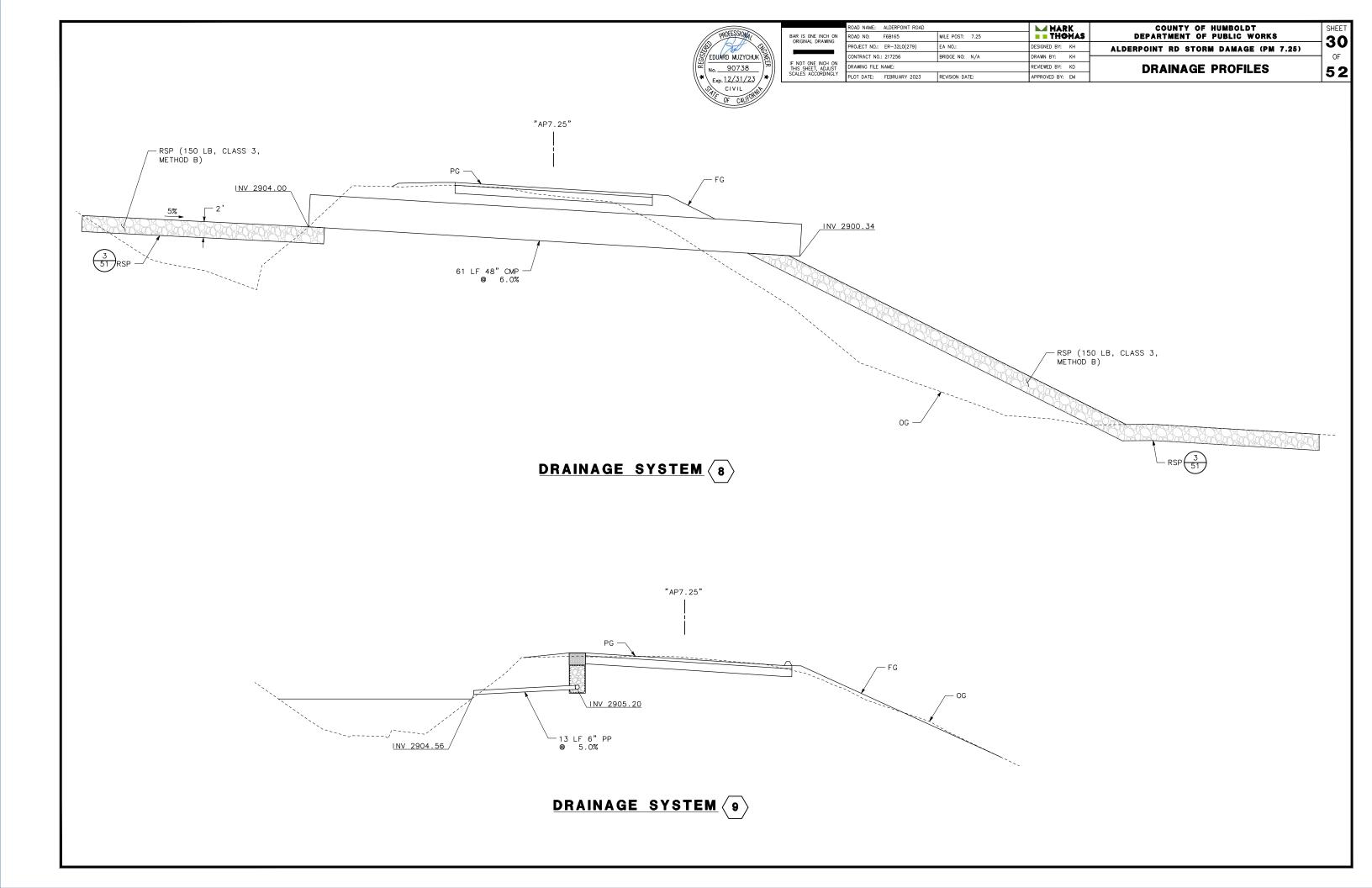
COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS

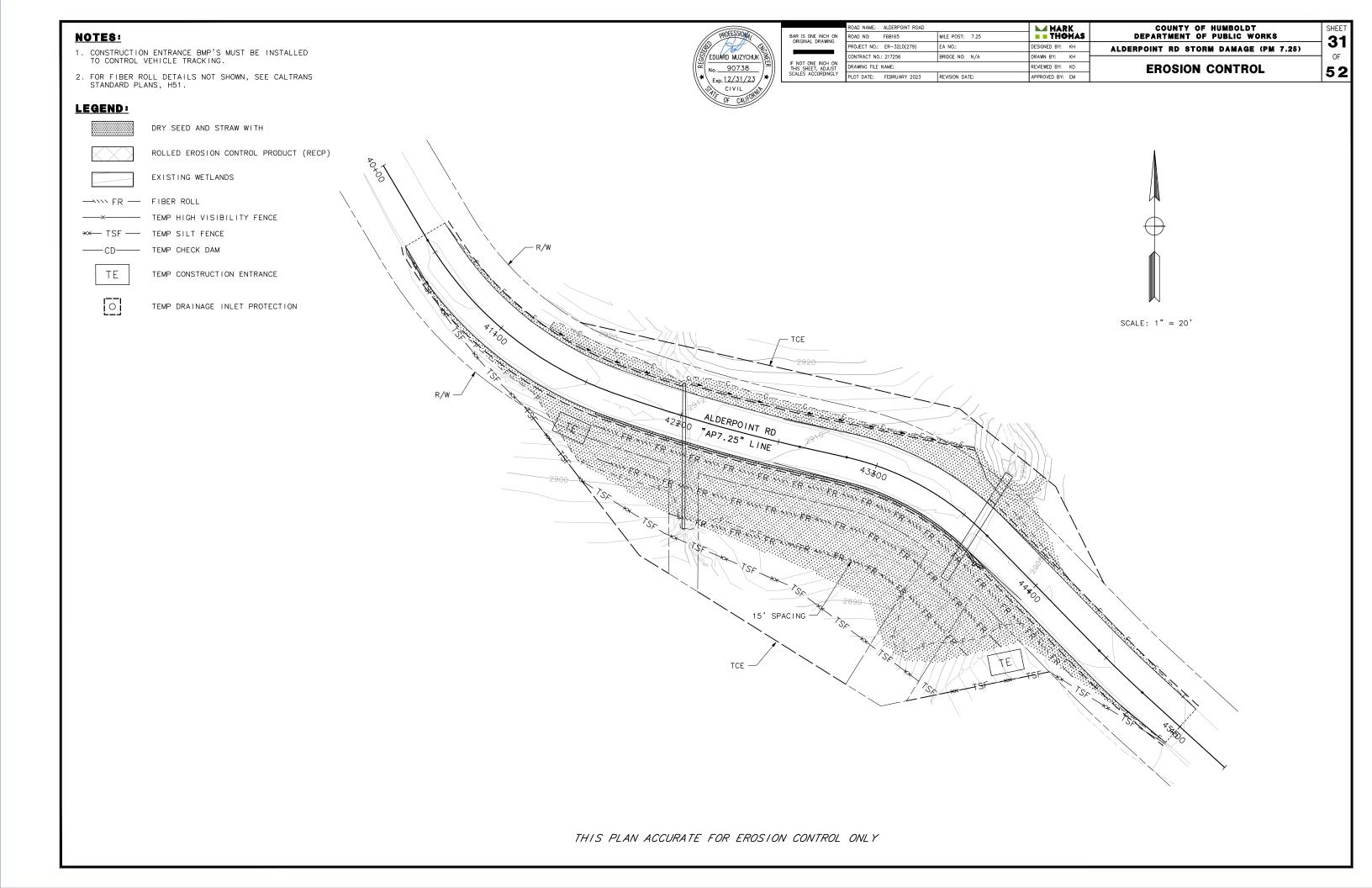
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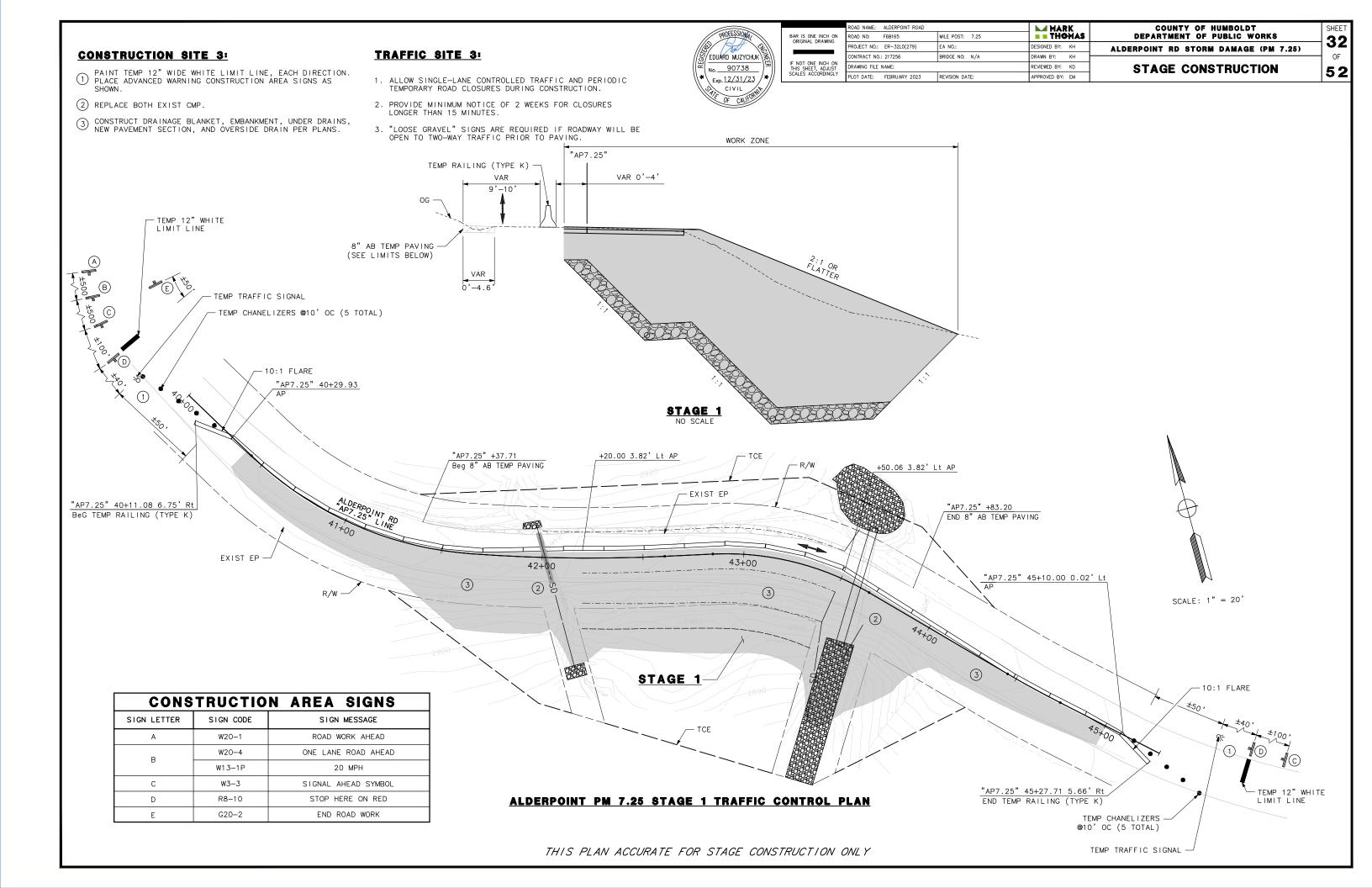
**52** 

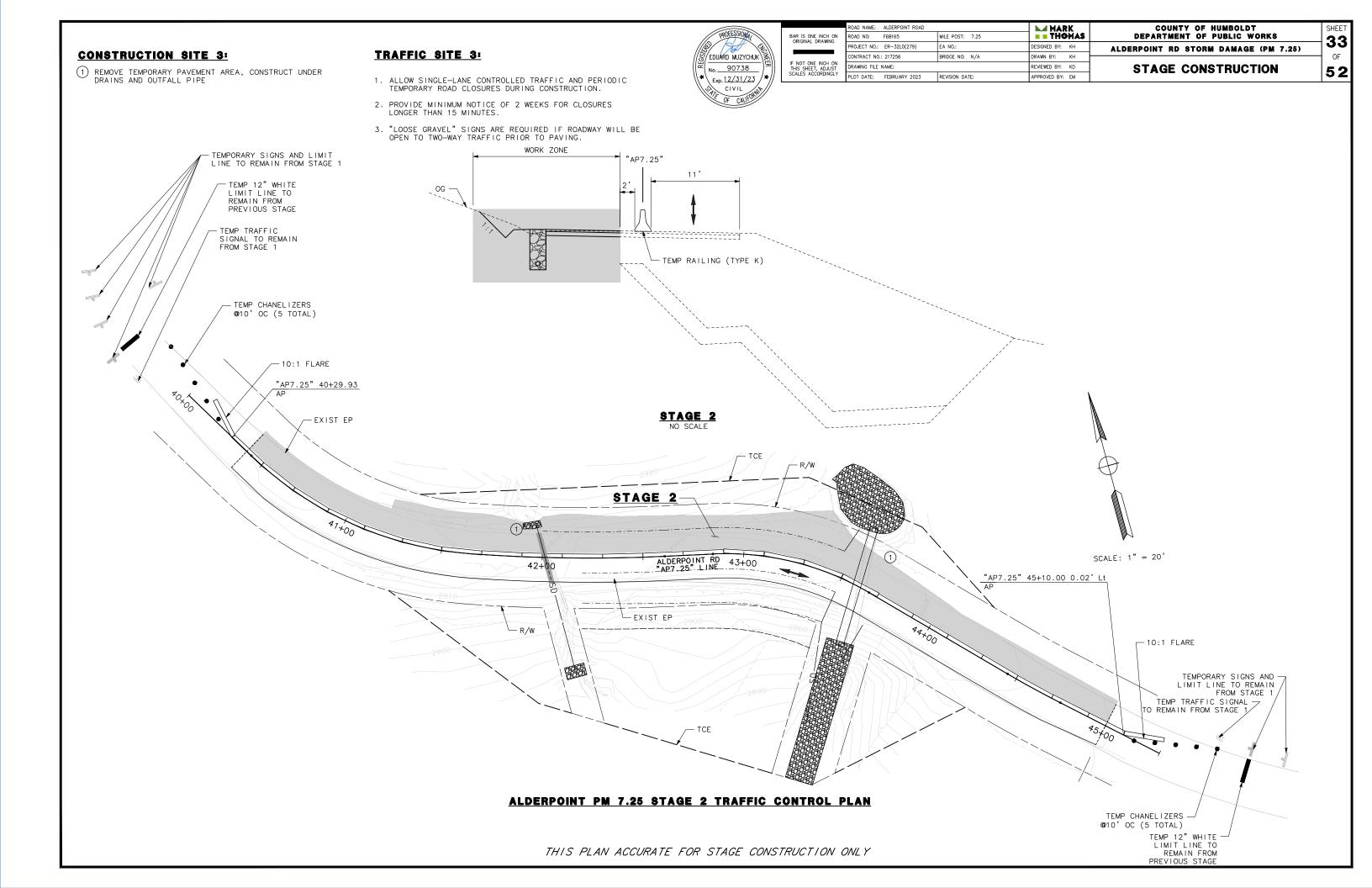




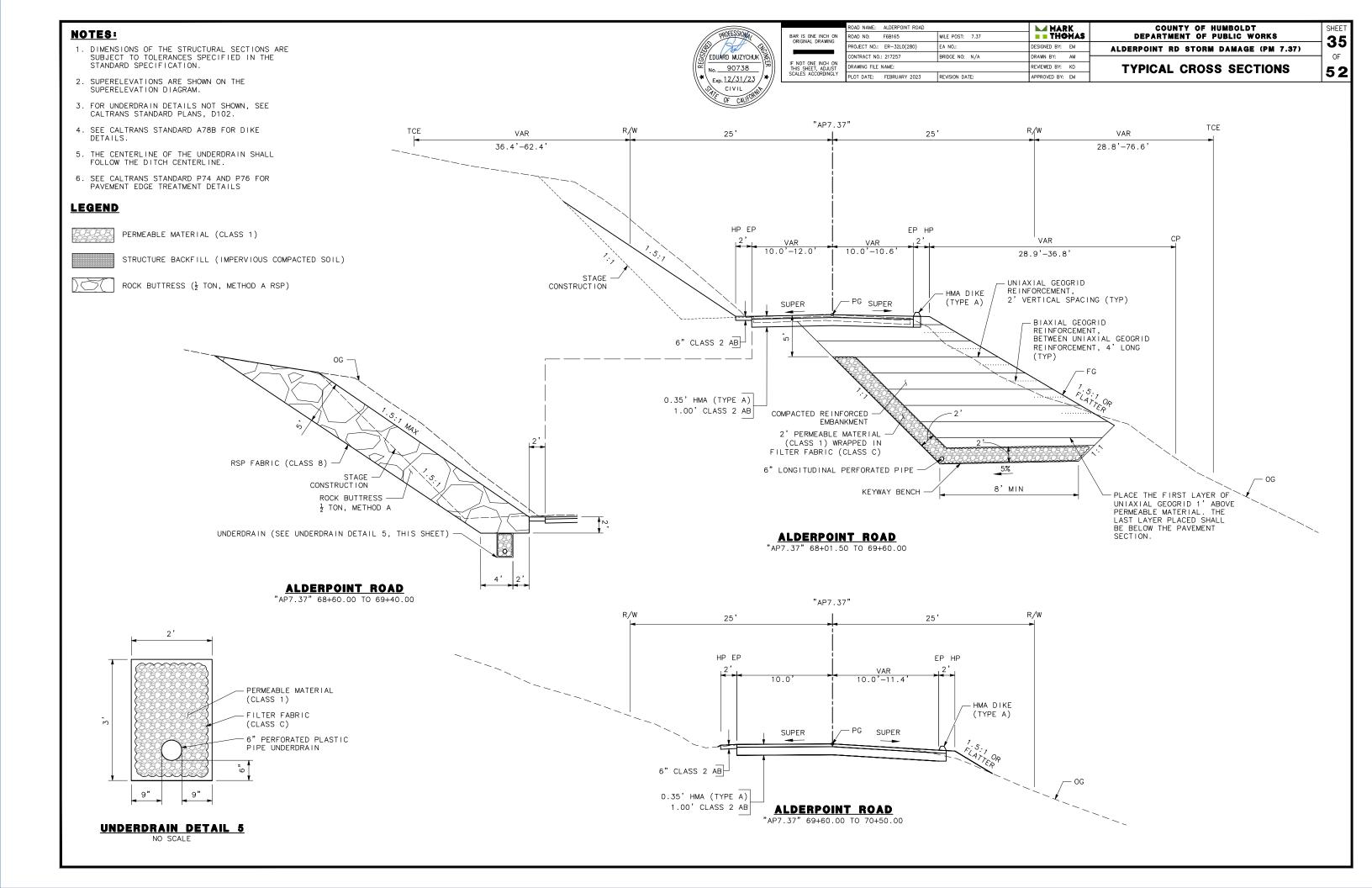


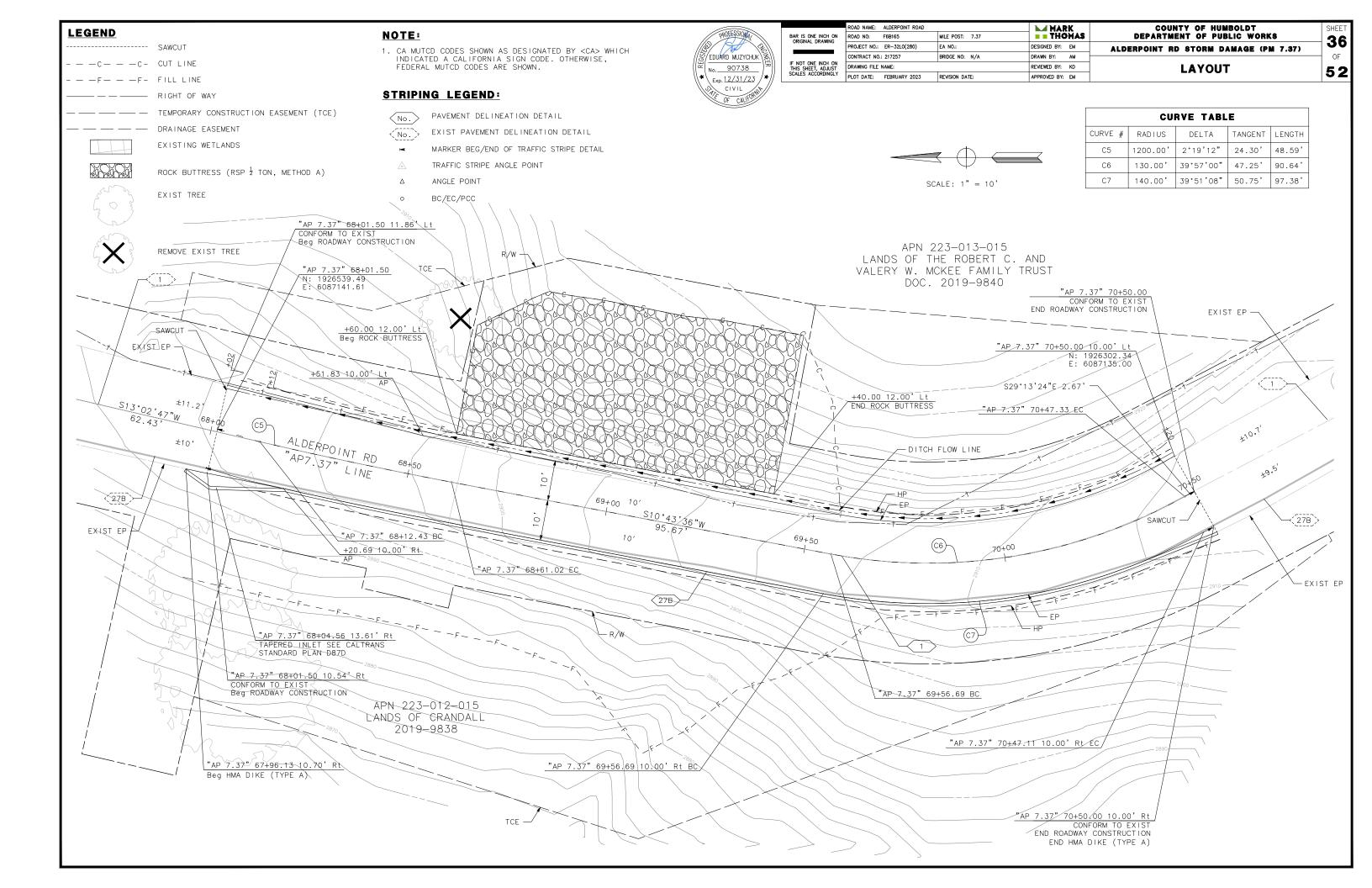






	DATUM:	PROFESSIONAL ST	BAR IS ONE INCH ON ORIGINAL DRAWING	ROAD NAME: ALDERPOINT ROAD ROAD NO: F6B165 PROJECT NO.: ER-32LO(280)	MILE POST: 7.37  EA NO.:	MARK THOMAS DESIGNED BY: EM	DEPARTI	UNTY OF HUMBOLDT MENT OF PUBLIC WORKS RD STORM DAMAGE (PM 7.37)
	1. COORDINATES FOR THIS SURVEY ARE CALIFORNIA COORDINATE SYSTEM OF	EDUARD MUZYCHUK	IF NOT ONE INCH ON	CONTRACT NO.: 217257	BRIDGE NO: N/A	DRAWN BY: AM		
	1983 (CCS83) ZONE 1, NAD 83 (2011), EPOCH 2010.0 BASED ON A STATIC GPS CONTROL SURVEY USING THE NGS OPUS POST PROCESSING SOFTWARE.	No. 90738 ★ Exp. 12/31/23	IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	DRAWING FILE NAME: PLOT DATE: FEBRUARY 2023	REVISION DATE:	REVIEWED BY: KD  APPROVED BY: EM	PRO	JECT CONTROL
	THE CONTROL POINT IDENTIFIED AS POINT 60 WAS HELD FOR HORIZONTAL POSITIONS SHOWN HEREON. THE MAPPING ANGLE IS 1 DEGREE 06 MINUTES 33	\\\.\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		1				
	SECONDS; ROTATE BEARINGS HEREON COUNTERCLOCKWISE BY THIS ANGLE TO OBTAIN "TRUE" OR GEODETIC BEARINGS. GRID DISTANCES SHOWN SHOULD BE	OF CALIFOR						
	DIVIDED BY THE COMBINED SCALE FACTOR OF 0.99984021 TO OBTAIN GROUND DISTANCES. MAPPING ANGLE AND GRID SCALE FACTOR ARE TAKEN AT CONTROL							
	POINT NUMBER 60, A 🖁 INCH REBAR AND CAP STAMPED "PWS CONTROL", IN THE WEST SHOULDER OF THE ROAD. ELEVATIONS ARE NAVD 88 DATUM BASED			СО	NSTRUCTION	SURVEY	CONTROL D	ATA
	ON OPUS SOLUTION UTILIZING THE GEOID 12B MODEL: AN ELEVATION OF 2924.18 FEET WAS MEASURED AT THE AFOREMENTIONED CONTROL POINT 60.		POINT #	NORTHING	EASTING	ELEVATION	DESCRIPTION	STATION/OFFSET
	THIS POINT BEARS N 68° 58' 05" W 1606.37' FROM CONTROL POINT 61 SHOWN HEREON.		60	1925975.51	6087209.71	2924.18	REBAR AND CAP	
	2. THE RIGHT OF WAY SHOWN ON THIS SURVEY IS FIFTY FEET IN WIDTH		61	1926552.02 1926698.35	6085710.36 6085846.30	2823.34 2835.26	REBAR AND CAP SPIKE	69+65.05 1409.67' Rt 68+86.56 1300.16' Rt
	CENTERED ON THE EXISTING CENTERLINE OF THE ROAD. A CENTERLINE WAS FIT TO OUR CENTERLINE SHOTS AS A BEST FIT ALIGNMENT USING TANGENTS		63	1926914.92	6086150.16	2871.64	SPIKE	-
	AND TANGENT CURVES. THE FIFTY FOOT RIGHT OF WAY WAS GRANTED PER DEED RECORDED IN BOOK 48 OF DEEDS PAGE 257 PER THE COUNTY RIGHT OF		64	1926364.57	6087095.10	2909.09	SPIKE	69+79.84 13.32' Rt
	WAY AGENT.		66	1926556.27	6087130.00	2891.85	SPIKE	67+87.78 14.44' Rt
Ψ								
LE: 1" = 10'								
R/W —		\ \						
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			,					
A								
	-1-7- / WHAX / / /						/	
	>	2920				N 223 <del>-013-0</del> RT C. AND V		
	2900			\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	MCKF	E_FAMILY—TR	HUST VV.	
						2020-220		
7 37" 67+50 00				$\langle \rangle$				
7.37" 67+50.00 1926589.81	ALDEDO			\ \ \				//////
87152.60	ALDERPO INT RD	2910					"	AP 7.37" 70+50.00
	"AP7.37" L\NE 68+50						<u></u>	N: 1926297.46 X
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	2890				•	<u>.</u> ∠	70+00	
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	ADN 223-012-015		2900	7-2-				
	APN 223-012-015 LANDS OF CRANDALL		2900		- 64 -			
	APN 223-012-015 LANDS OF CRANDALL DOC. 2019-9838		2900		- 64 -		R	2/W 2900
	LANDS OF CRANDALL		2800		- 64 -		R	2/W 2900
	LANDS OF CRANDALL		2900				R	2/W 2900
	LANDS OF CRANDALL		2900		- 64 -	2	R,	2/W 2900
	LANDS OF CRANDALL		2800		6	2	R	2900
	LANDS OF CRANDALL		2800		6		R	2/W 2900 2890
	LANDS OF CRANDALL		2900		6		R,	2900 2890
	LANDS OF CRANDALL		2900		6		R	2890 ————————————————————————————————————
	LANDS OF CRANDALL		2800		6		R	2890 2890
63	LANDS OF CRANDALL		2900 - 2000 - 20		6		R,	2900 2890







IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	BAR IS ONE INCH ON ORIGINAL DRAWING	R
THIS SHEET, ADJUST D	ORIGINAL DRAWING	Pf
THIS SHEET, ADJUST D		С
SCALES ACCORDINGLY		Df
·	SCALES ACCORDINGLY	PI

	ROAD NAME: ALDERPOINT	ROAD		MAR MAR	K
ON G	ROAD NO: F6B165	MILE POS	T: 7.37	THO	MAS
-	PROJECT NO.: ER-32LO(28	80) EA NO.:		DESIGNED BY:	EM
	CONTRACT NO.: 217257	BRIDGE N	0: N/A	DRAWN BY:	AM
ON ST	DRAWING FILE NAME:			REVIEWED BY:	KD
SLY	PLOT DATE: FEBRUARY 2	2023 REVISION	DATE:	APPROVED BY:	ЕМ

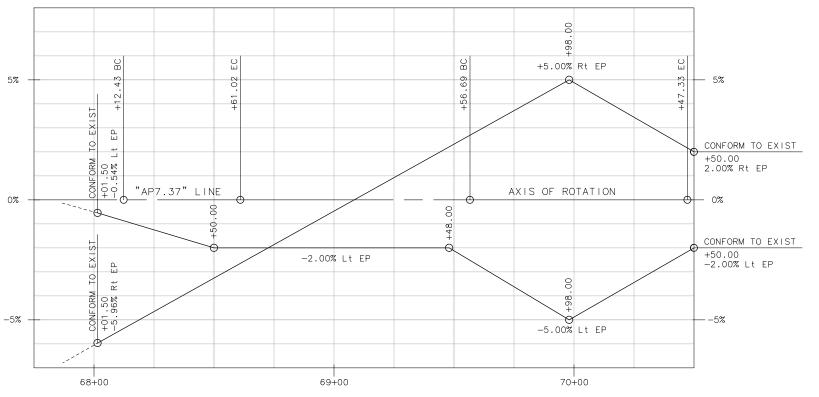
COUNTY Department				
ALDERPOINT RD S	TORI	M DAMA	GE (PM	7.37)

PROFILE

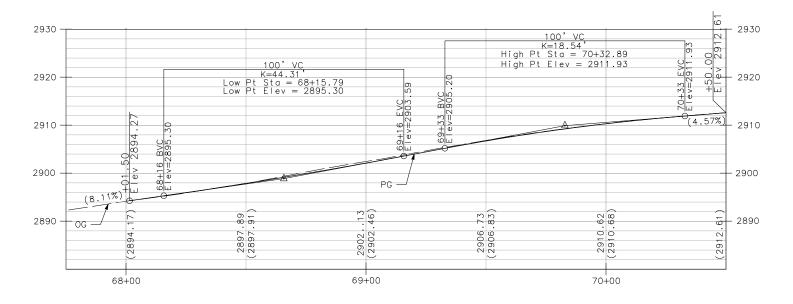


37

OF



# SUPERELEVATION DIAGRAM "AP7.37" LINE SCALE: HORIZ 1" = 20'

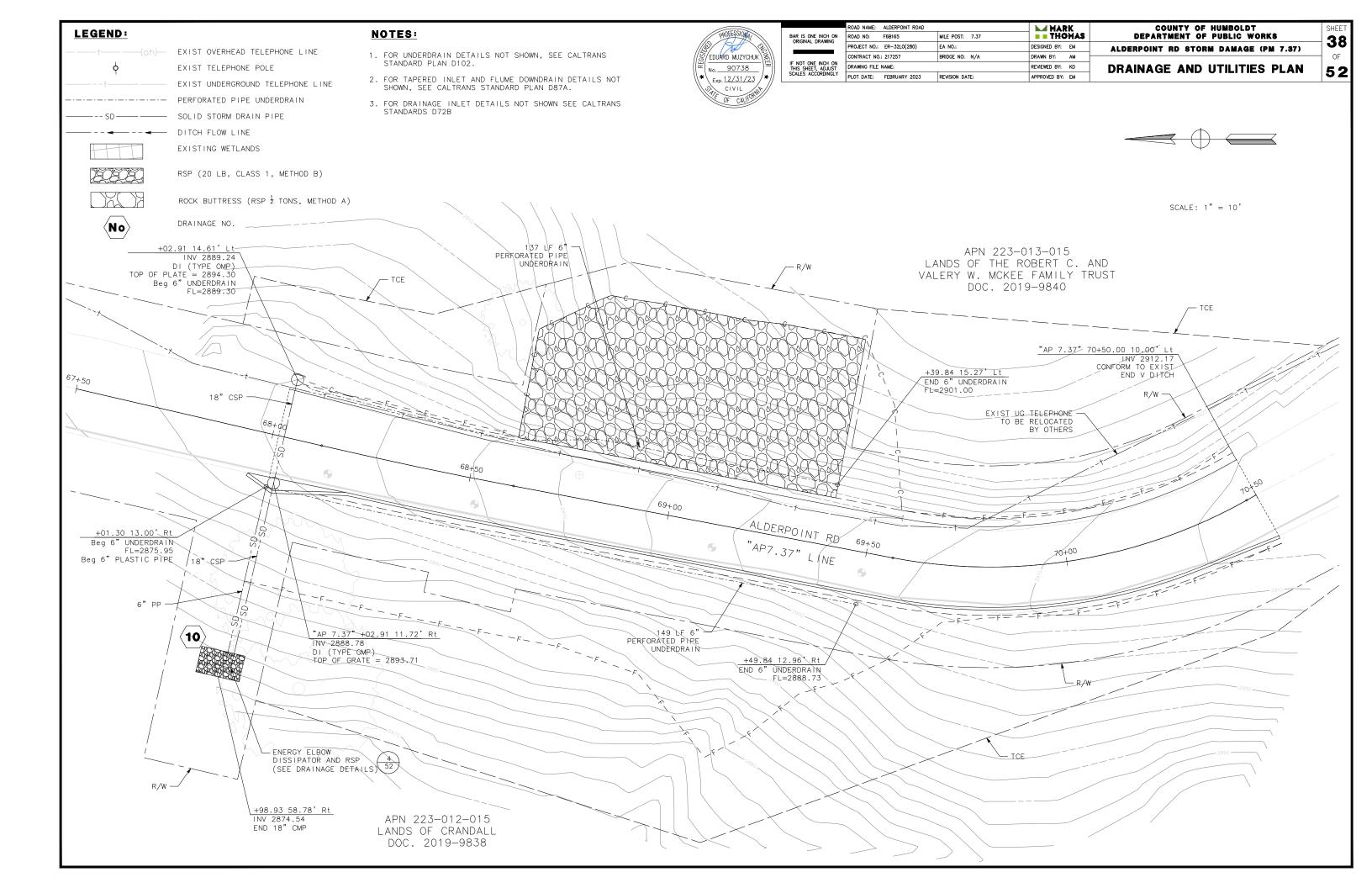


PROFILE

"AP7.37" LINE

SCALE: HORIZ 1" = 20'

VERT 1" = 4'



# NOTES:

- 1. FOR JOINT RESTRAINT ASSEMBLY DETAILS NOT SHOWN, SEE CALTRANS STANDARD PLAN D87B.
- 2. FOR TRENCH DETAILS NOT SHOWN, SEE CALTRANS STANDARD PLAN A62F.
- 3. DRAINAGE INLETS TO HAVE GALVANIZED GRATES OR PLATES.
- 4. METAL PIPE JOINTS SHALL BE WATERTIGHT.
- 5. FOR DRAINAGE INLET (TYPE OMP) DETAILS NOT SHOWN, SEE CALTRANS STANDARD PLAN D75A.
- 6. FOR ANCHOR ASSEMBLY AND CABLE ANCHORAGE SYSTEM DETAILS NOT SHOWN, SEE CALTRANS STANDARD PLAN D87A AND D87C.
- 7. PIPE INLETS MUST BE PROTECTED WITH BITUMINOUS OR POLYMERIC SHEET COATING.
- 8. WINDOW IN OMP TO BE CUT AFTER DITCH IS GRADED.

# **LEGEND**

PERMEABLE MATERIAL (CLASS 1)



IMPERVIOUS COMPACTED SOIL



RSP (20 LB, CLASS 1, METHOD B)

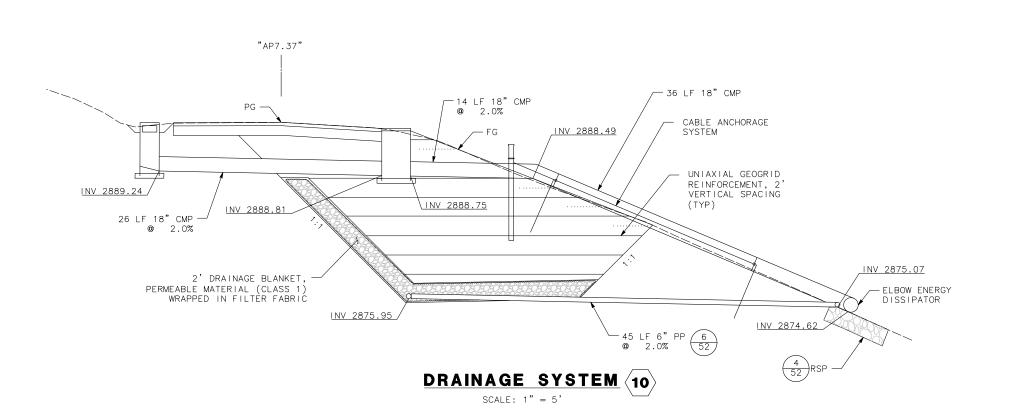


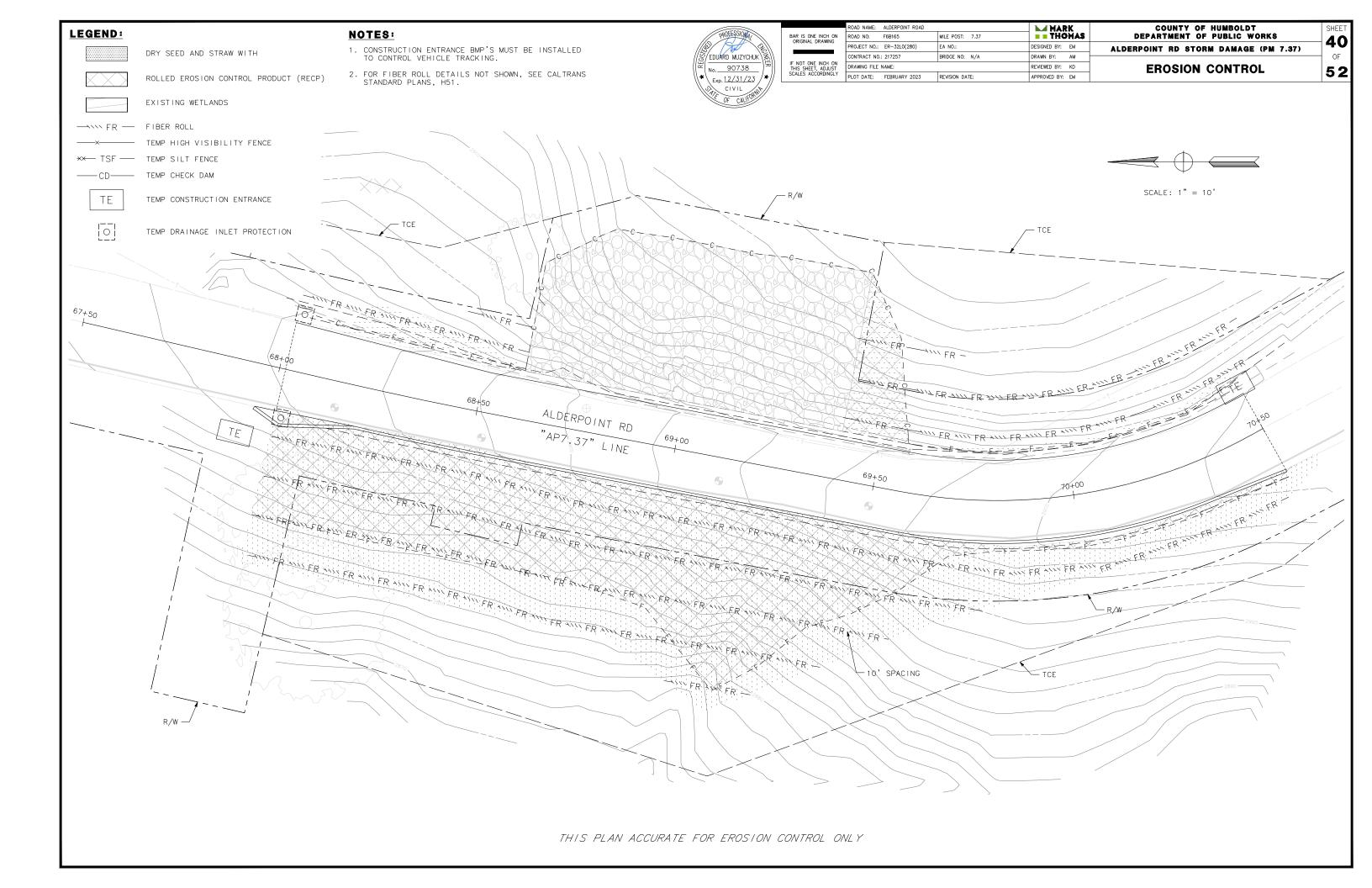
	ROAD NAME:	ALDERPOINT ROAD		MAR	K
BAR IS ONE INCH ON ORIGINAL DRAWING	ROAD NO:	F6B165	MILE POST: 7.37	THO	MAS
ORIGINAL DRAWING	PROJECT NO.:	ER-32L0(280)	EA NO.:	DESIGNED BY:	ЕМ
	CONTRACT NO.	: 217257	BRIDGE NO: N/A	DRAWN BY:	AM
IF NOT ONE INCH ON THIS SHEET, ADJUST	DRAWING FILE	NAME:		REVIEWED BY:	KD
SCALES ACCORDINGLY	PLOT DATE:	FEBRUARY 2023	REVISION DATE:	APPROVED BY:	Ем

ALDERPOINT	RD	STORM	DAMAGE	(PM	7.3
DR	ΔIN	AGF	DFTAII	S	

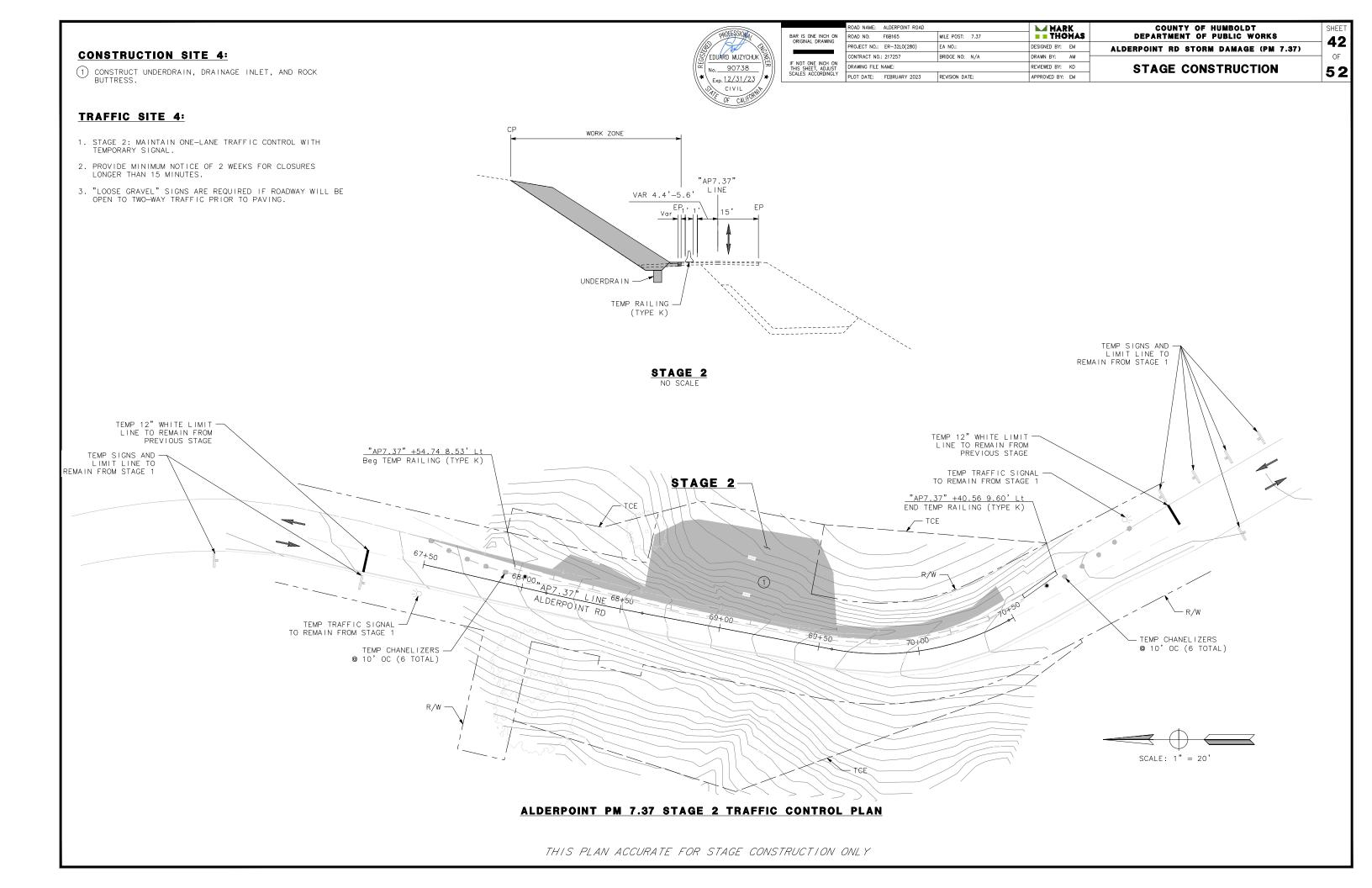
COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS 39 37) **52** DRAINAGE DETAILS

OF





### COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS MARK THOMAS ROAD NO: F6B165 MILE POST: 7.37 41 PROJECT NO.: ER-32LO(280) EA NO.: DESIGNED BY: EM ALDERPOINT RD STORM DAMAGE (PM 7.37) **CONSTRUCTION SITE 4:** DRAWN BY: AM EDUARD MUZYCHUK BRIDGE NO: N/A No. 90738 DRAWING FILE NAME: REVIEWED BY: KD **STAGE CONSTRUCTION** 1 PAINT TEMP 12" WIDE WHITE LIMIT LINE, EACH DIRECTION. PLACE ADVANCED WARNING CONSTRUCTION AREA SIGNS AS **52** Exp. 12/31/23 (2) CONSTRUCT 10' TEMPORARY LANE. (3) EXCAVATE AND CONSTRUCT REINFORCED EMBANKMENT TRAFFIC SITE 4: STAGE 1: MAINTAIN ONE-LANE TRAFFIC CONTROL WITH TEMPORARY SIGNAL. "AP7.37" VAR 4.4'-5.6 2. STAGE 2: MAINTAIN ONE—LANE TRAFFIC CONTROL WITH TEMPORARY SIGNAL. WORK ZONE 10' 3. PROVIDE MINIMUM NOTICE OF 2 WEEKS FOR CLOSURES LONGER THAN 15 MINUTES. "AP7.37" 4. "LOOSE GRAVEL" SIGNS ARE REQUIRED IF ROADWAY WILL BE .\_\_\_ OPEN TO TWO-WAY TRAFFIC PRIOR TO PAVING. LINE VAR 4.4'-5.6' TEMP RAILING (TYPE K) 8" CLASS 2 AB (SEE LIMITS BELOW) TEMP RAILING (TYPE K) STAGE 1B STAGE 1A NO SCALE +14.32 8.19' Lt TEMP TRAFFIC -SIGNAL "AP 7.37" +94.93 3.25' Lt "AP7.58" +78.57 .82' Lt Beg TEMP RAILING (TYPE K) END TEMP RAILING (TYPE K) LIMIT LINE +59.13 5.93' Lt (D) TEMP 12" WHITE LIMIT LINE ±100' TEMP CHANELIZERS TEMP TRAFFIC @ 10' OC (6 TOTAL) SIGNAL TEMP CHANELIZERS -10:1 FLARE @ 10' OC (6 TOTAL) 10:1 FLARE **CONSTRUCTION AREA SIGNS** SIGN LETTER SIGN CODE SIGN MESSAGE W20-1 ROAD WORK AHEAD SCALE: 1" = 20ONE LANE ROAD AHEAD STAGE 1 В W13-1P 20 MPH ALDERPOINT PM 7.37 STAGE 1 TRAFFIC CONTROL PLAN С W3 - 3SIGNAL AHEAD SYMBOL R8-10 STOP HERE ON RED END ROAD WORK THIS PLAN ACCURATE FOR STAGE CONSTRUCTION ONLY



### NOTES:

- 1. CONTRACTOR MUST COMPLY WITH BUSINESS AND PROFESSIONS CODE SECTION 8771 (b) REGARDING REFERENCING, PRESERVING AND RECONSTRUCTING MONUMENTS, WHETHER OR NOT MONUMENTS ARE SHOWN IN THESE PLANS.
- 2. IF A MONUMENT IS DAMAGED BY CONTRACTOR'S OPERATIONS, CONTRACTOR SHALL REPLACE THE MONUMENT AT CONTRACTOR'S EXPENSE.

## **ABBREVIATIONS:**

NGS NATIONAL GEODETIC SURVEY

# **LEGEND**:



## DATUM:

- 1. COORDINATES FOR THIS SURVEY ARE CALIFORNIA COORDINATE SYSTEM OF 1983 (CCS83) ZONE 1, NAD 83 (2011), EPOCH 2010.0 BASED ON A STATIC GPS CONTROL SURVEY USING THE NGS OPUS POST PROCESSING SOFTWARE. THE CONTROL POINT IDENTIFIED AS POINT 51 WAS HELD FOR HORIZONTAL POSITIONS SHOWN HEREON. THE MAPPING ANGLE IS 1 DEGREE 06 MINUTES 46 SECONDS; ROTATE BEARINGS HEREON COUNTERCLOCKWISE BY THIS ANGLE TO OBTAIN "TRUE" OR GEODETIC BEARINGS. GRID DISTANCES SHOWN SHOULD BE DIVIDED BY THE COMBINED SCALE FACTOR OF 0.99984470 TO OBTAIN GROUND DISTANCES. MAPPING ANGLE AND GRID SCALE FACTOR ARE TAKEN AT CONTROL POINT NUMBER 51, A \$\frac{1}{8}\$ INCH REBAR AND CAP STAMPED "PWS CONTROL". ELEVATIONS ARE NAVD 88 DATUM BASED ON OPUS SOLUTION UTILIZING THE GEOID 12B MODEL: AN ELEVATION OF 2823.34 FEET WAS MEASURED AT CONTROL POINT 51. THIS POINT BEARS S 59\* 22' 29" W 995.07' FROM CONTROL POINT 54 SHOWN HEREON.
- 2. THE RIGHT OF WAY SHOWN ON THIS SURVEY IS FIFTY FEET IN WIDTH CENTERED ON THE EXISTING CENTERLINE OF THE ROAD. A CENTERLINE WAS FIT TO OUR CENTERLINE SHOTS AS A BEST FIT ALIGNMENT USING TANGENTS AND TANGENT CURVES. THE FIFTY FOOT RIGHT OF WAY WAS GRANTED PER DEED RECORDED IN BOOK 48 OF DEEDS PAGE 257 PER THE COUNTY RIGHT OF WAY AGENT.

PROFESSIONAL FE	BAR IS ONE ORIGINAL
JARD MUZYCHUK	
90738	IF NOT ONE THIS SHEET SCALES ACC
ф. <u>12/31/23</u> / 🗕	SCALES ACC
CIVIL /	

CH ON	ROAD NAME:	ALDERPOINT ROAD		MAR	K
	ROAD NO:	F6B165	MILE POST: 7.58	- THO	MAS
WING	PROJECT NO.:	ER-32L0(291)	EA NO.:	DESIGNED BY:	Ем
CH ON DJUST	CONTRACT NO.	: 217258	BRIDGE NO: N/A	DRAWN BY:	FL
	DRAWING FILE	NAME:		REVIEWED BY:	GH
DINGLY	PLOT DATE:	FEBRUARY 2023	REVISION DATE:	APPROVED BY:	Ем

ALDERPOINT	RD	STORM	DAMAGE	(PM	7.58)	

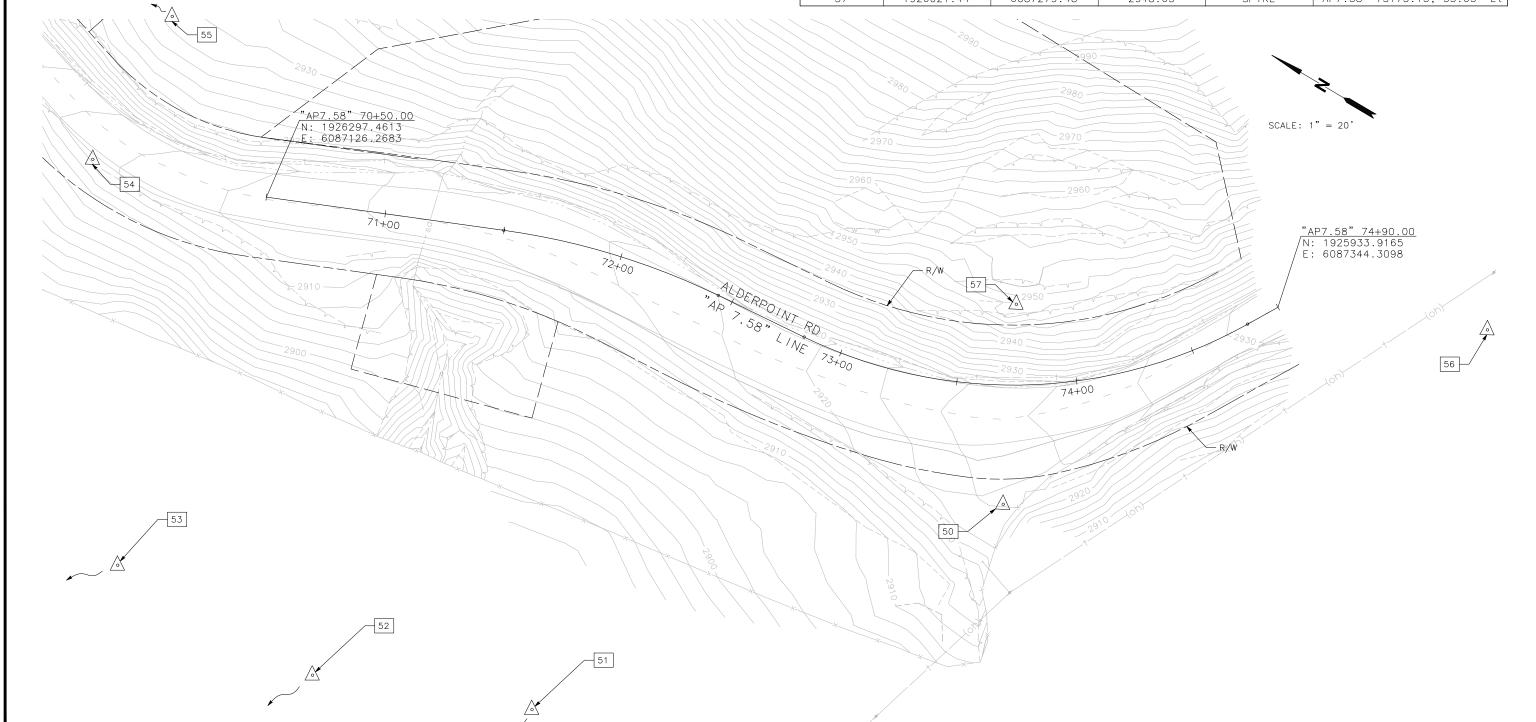
43

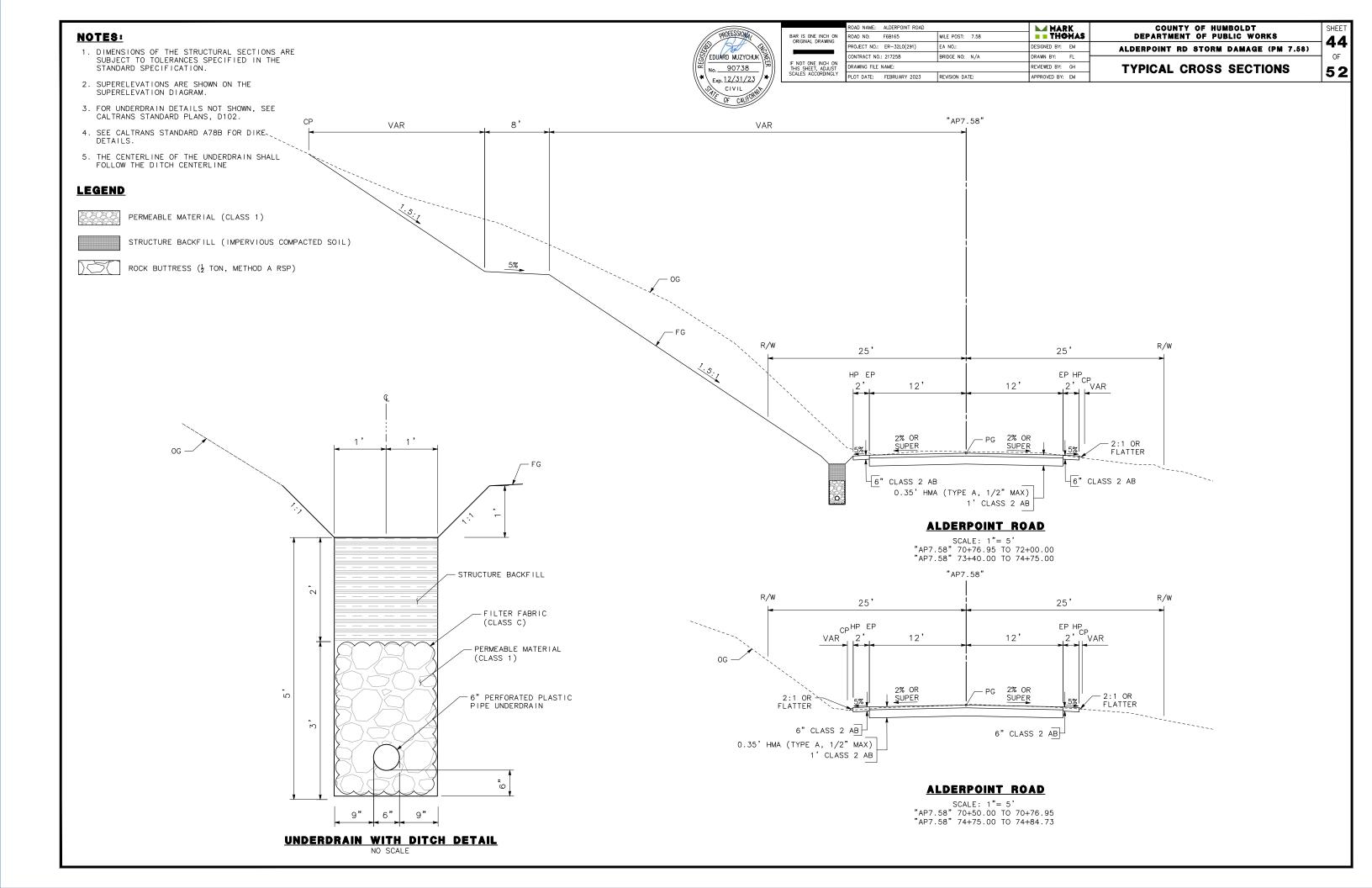
**52** 

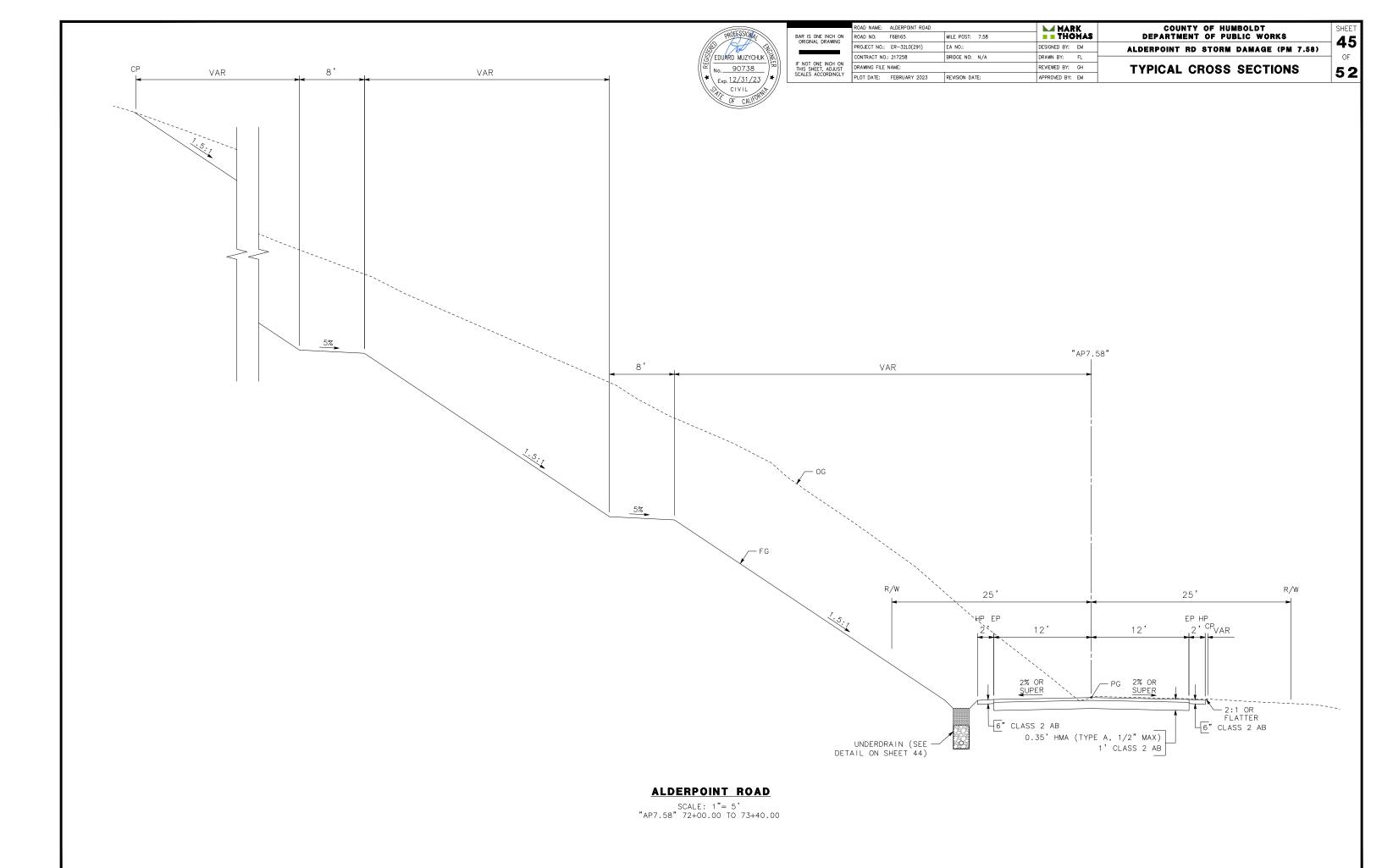
COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS

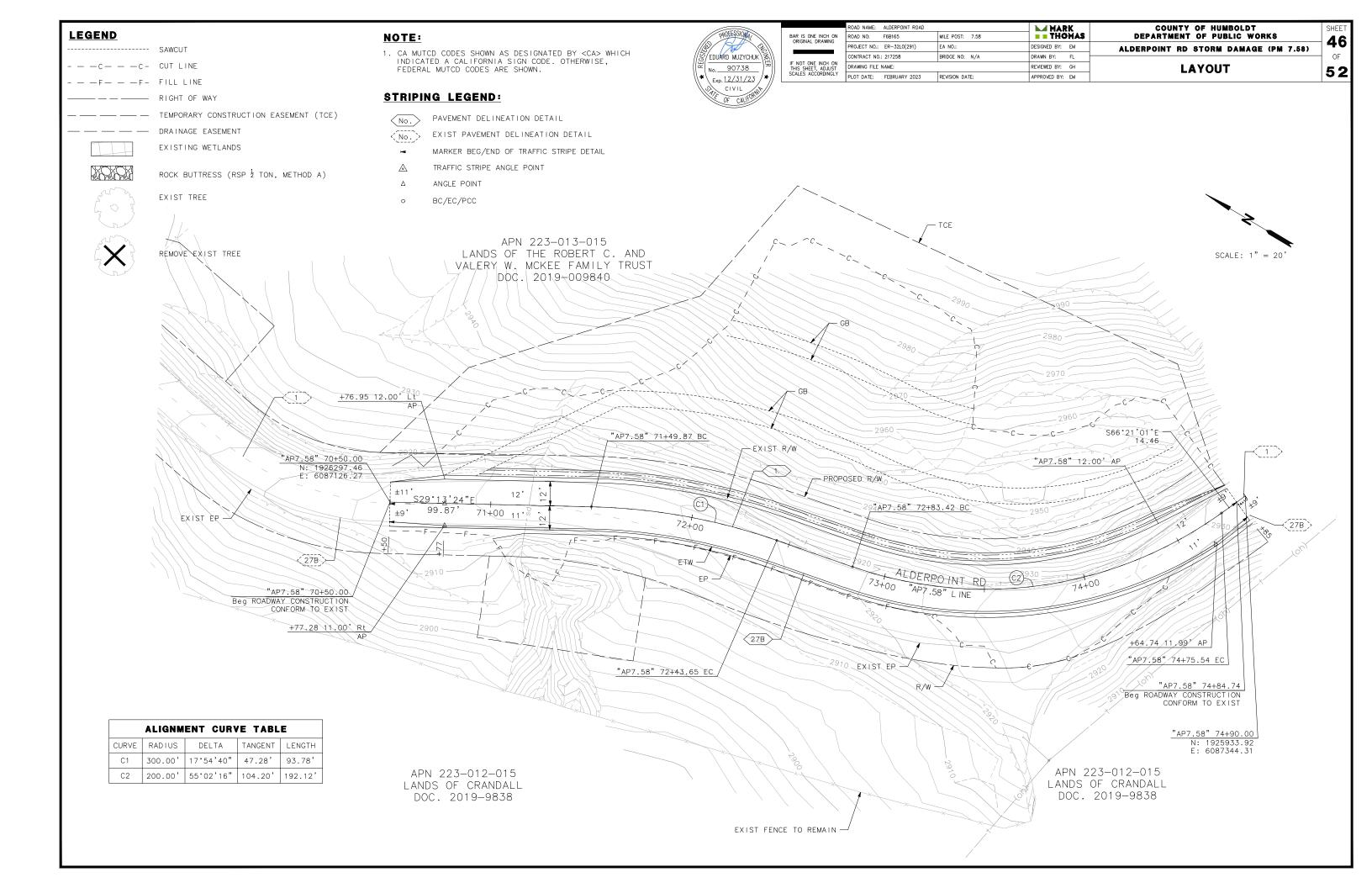
PROJECT CONTROL

	С	ONSTRUCTIO	N SURVEY	CONTROL DA	TA
POINT #	NORTHING	EASTING	ELEVATION	DESCRIPTION	STATION/OFFSET
50	1925975.51	6087209.71	2924.18	REBAR AND CAP	"AP7.58" 73+70.21, 49.73' Rt
51	1926552.02	6085710.36	2823.34	REBAR AND CAP	_
52	1926698.35	6085846.30	2835.26	SPIKE	_
53	1926914.92	6086150.16	2871.64	SPIKE	_
54	1927058.93	6086566.64	2909.09	SPIKE	_
55	1926556.27	6087130.00	2891.85	SPIKE	_
56	1925858.62	6087389.57	2933.18	SPIKE	_
57	1926021 44	6087279 48	2948 63	SPIKE	"AP7.58" 73+75.15. 33.65' Lt









**LEGEND:** 

(XXXX.XX) EXIST ELEVATION IN FEET



BAR IS ONE INCH ON ORIGINAL DRAWING	ROAD NO:	F6B165
ORIGINAL DRAWING	PROJECT NO.:	ER-32L
IF NOT ONE INCH ON THIS SHEET, ADJUST	CONTRACT NO.	: 217258
	DRAWING FILE	NAME:
SCALES ACCORDINGLY	PLOT DATE:	FEBRUA

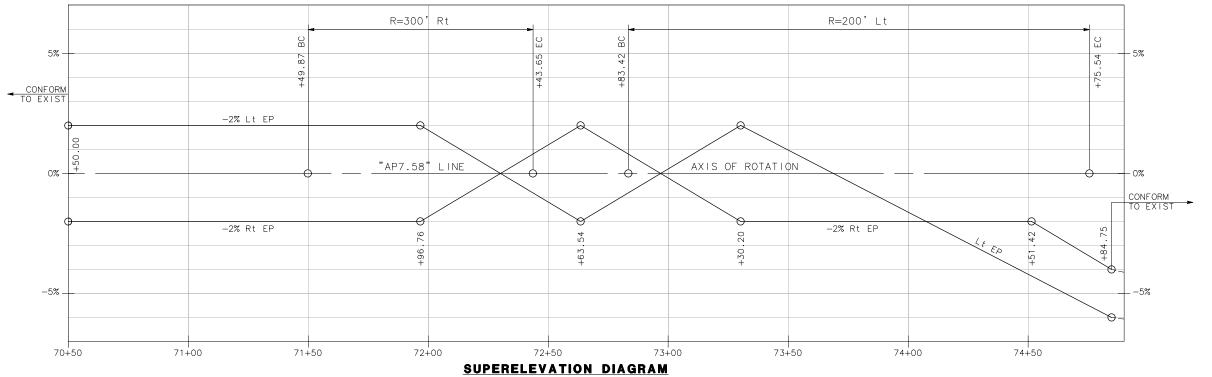
	ROAD NAME:	ALDERPOINT ROAD		MAR	K
ON NG	ROAD NO:	F6B165	MILE POST: 7.58	- THO	MA
	PROJECT NO.:	ER-32L0(291)	EA NO.:	DESIGNED BY:	ЕМ
ON JST IGLY	CONTRACT NO.	: 217258	BRIDGE NO: N/A	DRAWN BY:	FL
	DRAWING FILE	NAME:		REVIEWED BY:	GH
	PLOT DATE:	FEBRUARY 2023	REVISION DATE:	APPROVED BY:	ЕМ

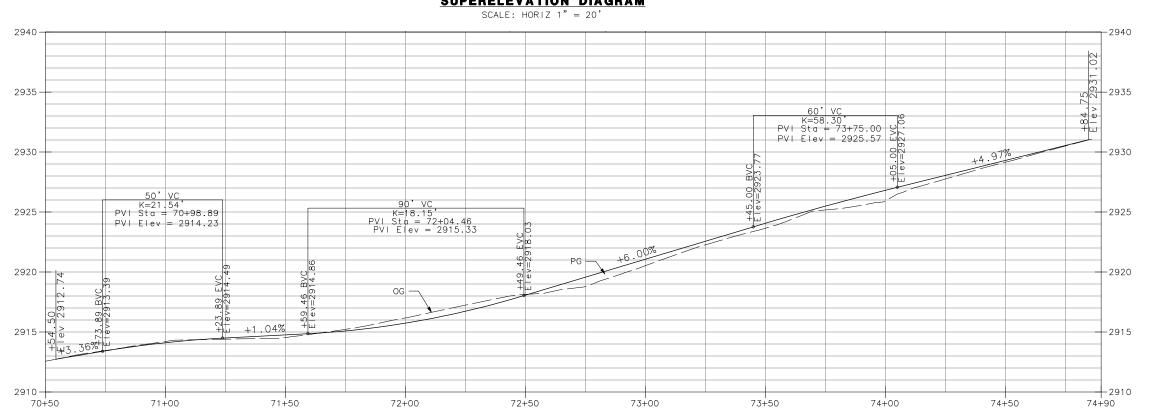
COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS 47 ALDERPOINT RD STORM DAMAGE (PM 7.58)

**PROFILE** 

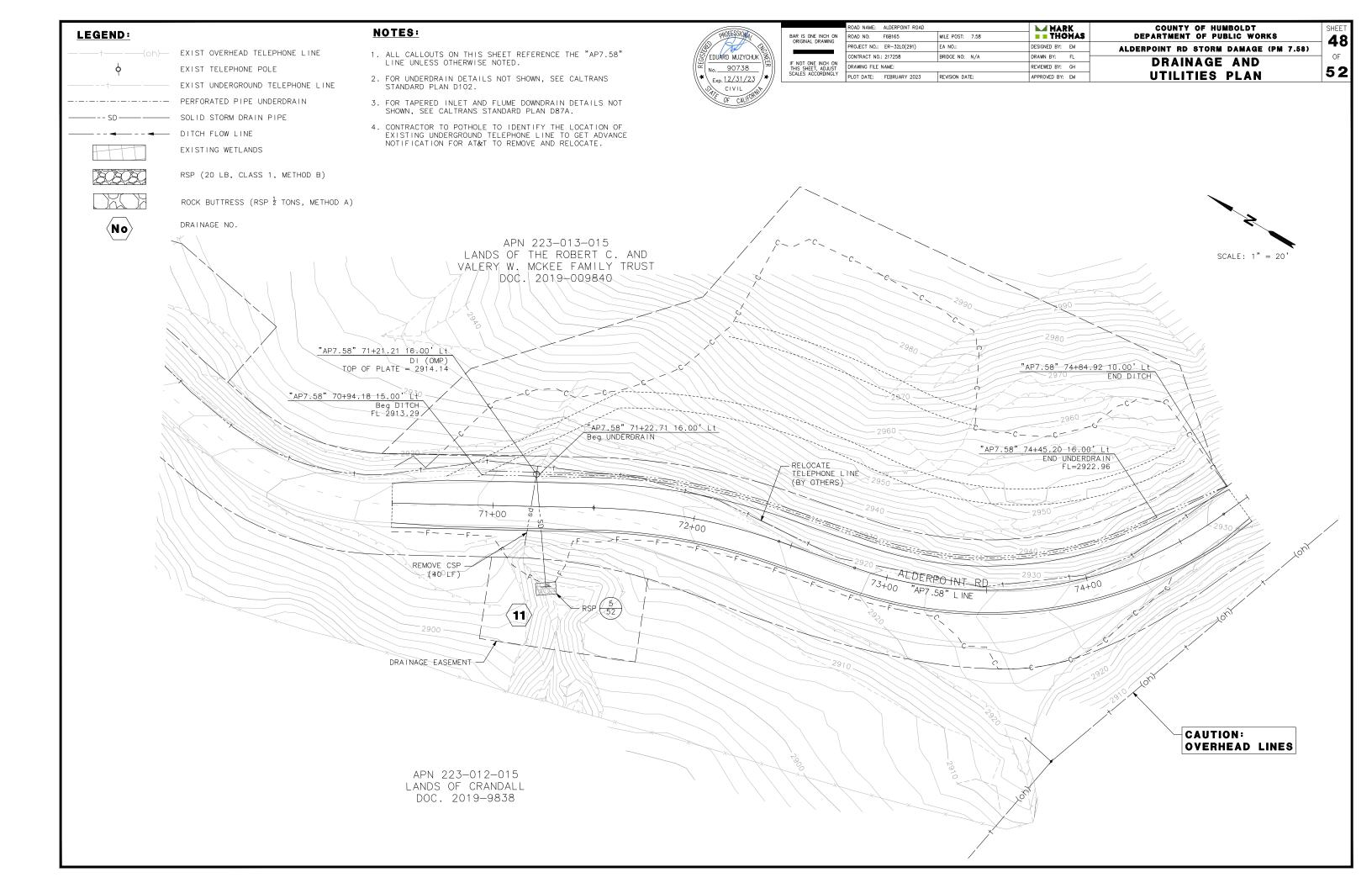


**52** 





**PROFILE** SCALE: HORIZ 1" = 20' VERT 1" = 4'



## NOTES:

- 1. FOR JOINT RESTRAINT ASSEMBLY DETAILS NOT SHOWN, SEE CALTRANS STANDARD PLAN D87B.
- 2. FOR TRENCH DETAILS NOT SHOWN, SEE CALTRANS STANDARD PLAN A62F.
- 3. DRAINAGE INLETS TO HAVE GALVANIZED GRATES OR
- 4. METAL PIPE JOINTS SHALL BE WATERTIGHT.
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## **LEGEND**

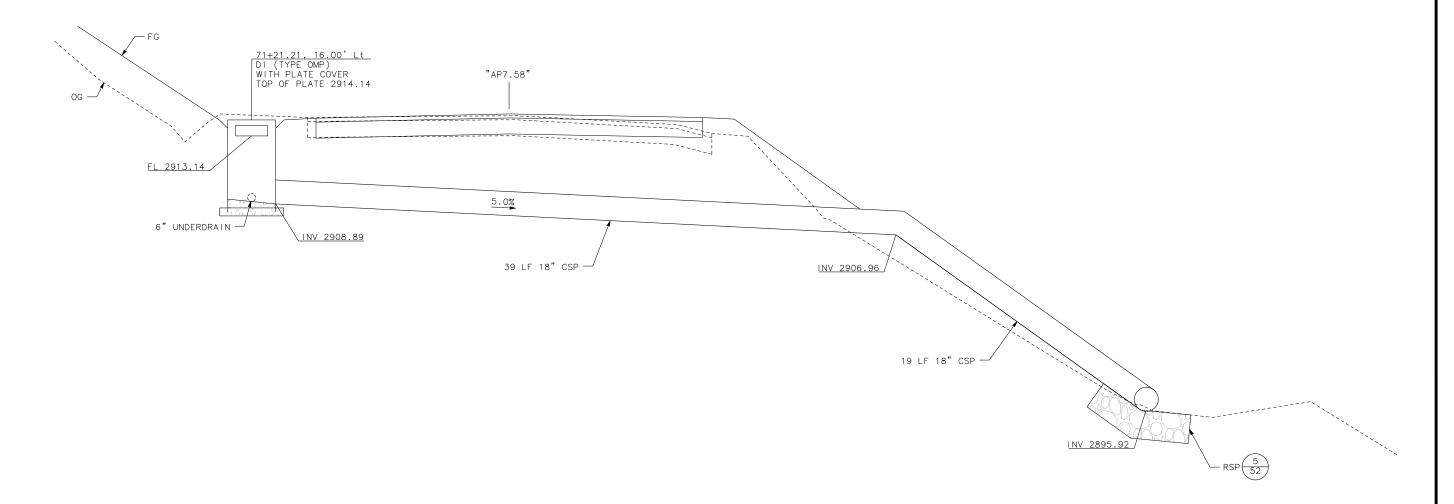
PERMEABLE MATERIAL (CLASS 1)



IMPERVIOUS COMPACTED SOIL



RSP (20 LB, CLASS 1, METHOD B)



S/EDUARD MUZYCHUK S

∖ <sub>Exp.</sub> <u>12/31/23</u> /≭

CIVIL

No. 90738

ROAD NAME: ALDERPOINT ROAD

PLOT DATE: FEBRUARY 2023

MILE POST: 7.58

BRIDGE NO: N/A

REVISION DATE:

EA NO.:

ROAD NO: F6B165

CONTRACT NO.: 217258

DRAWING FILE NAME:

PROJECT NO.: ER-32L0(291)

MARK THOMAS

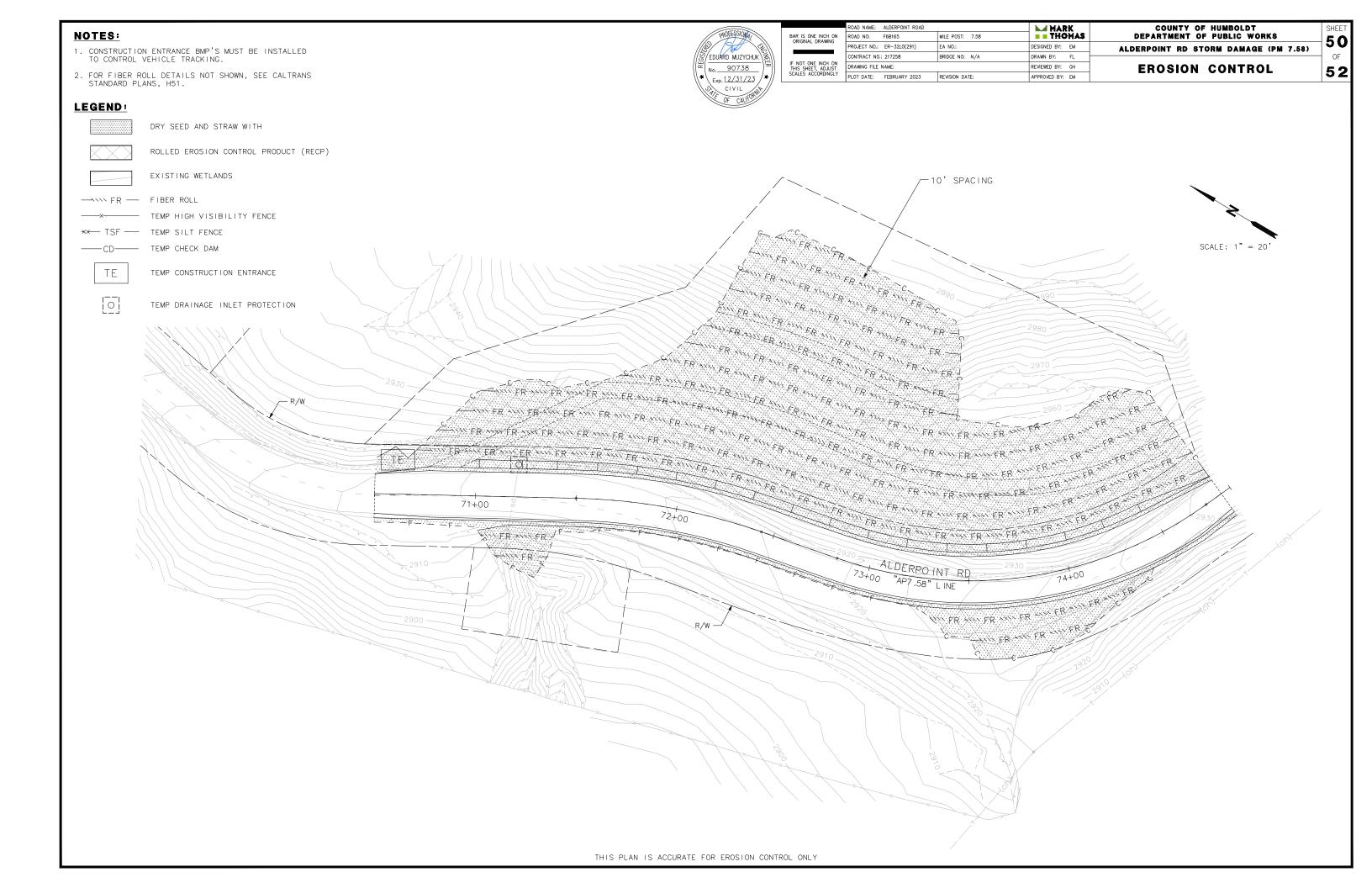
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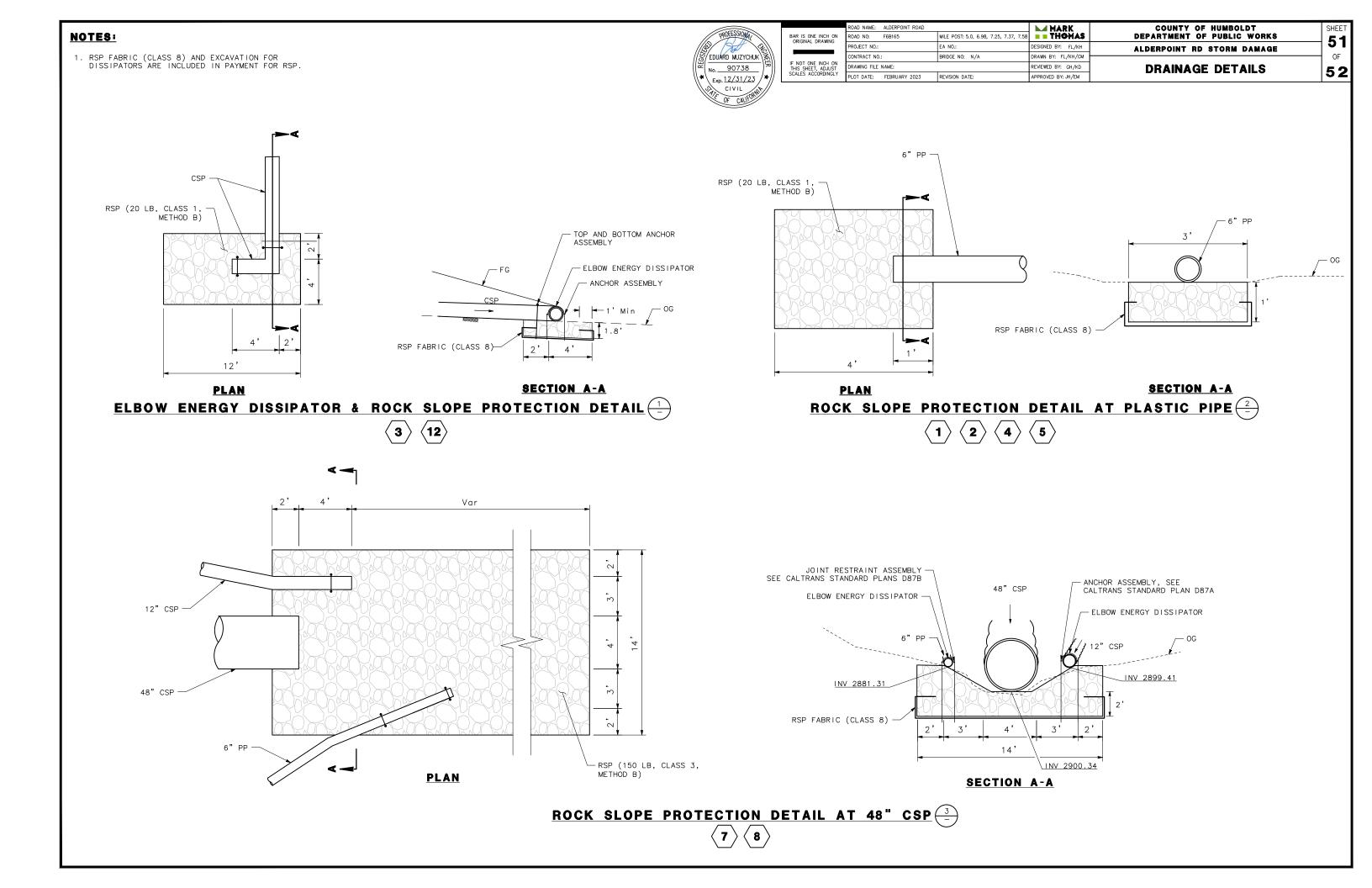
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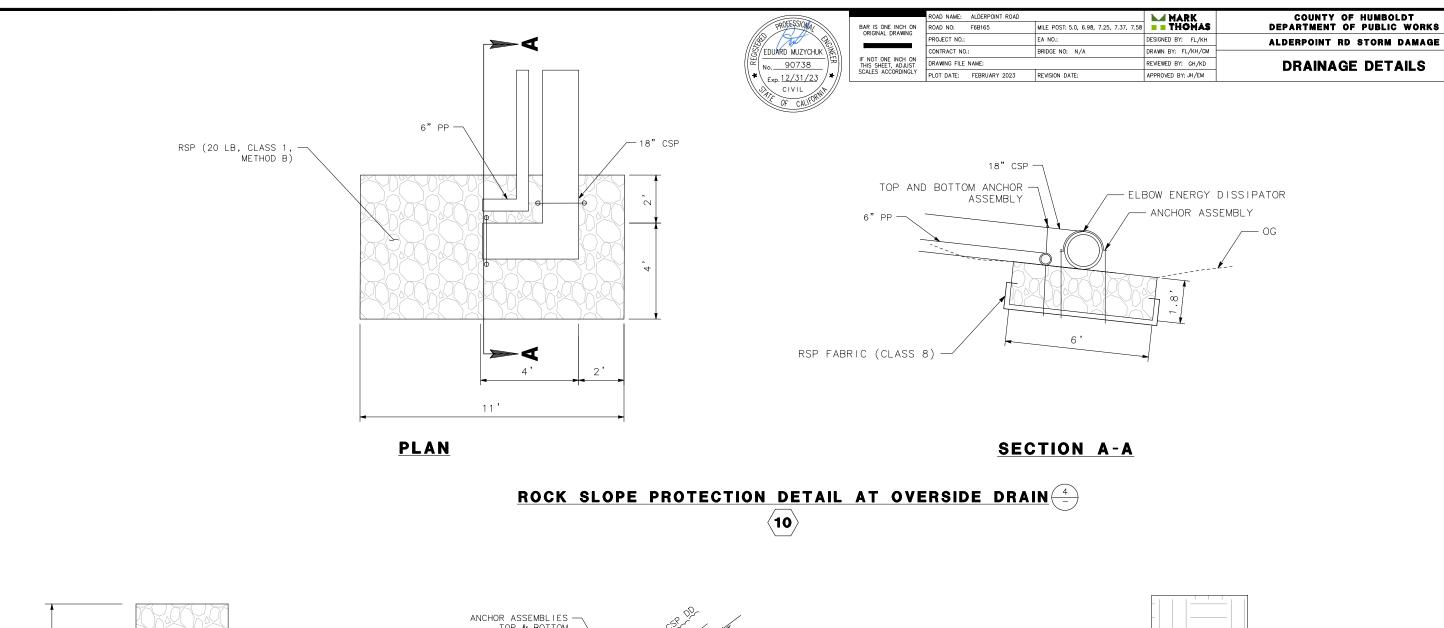
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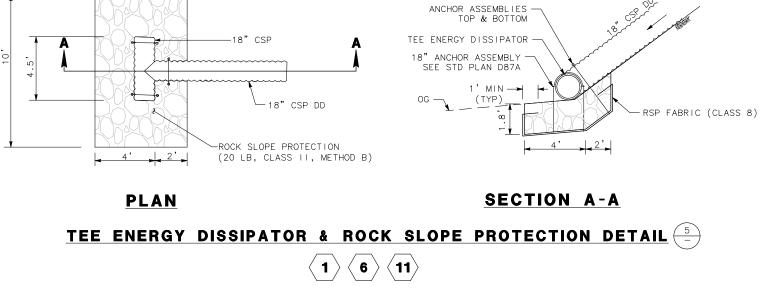
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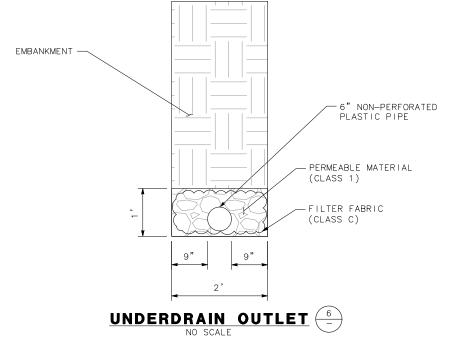
49 or 52











OF