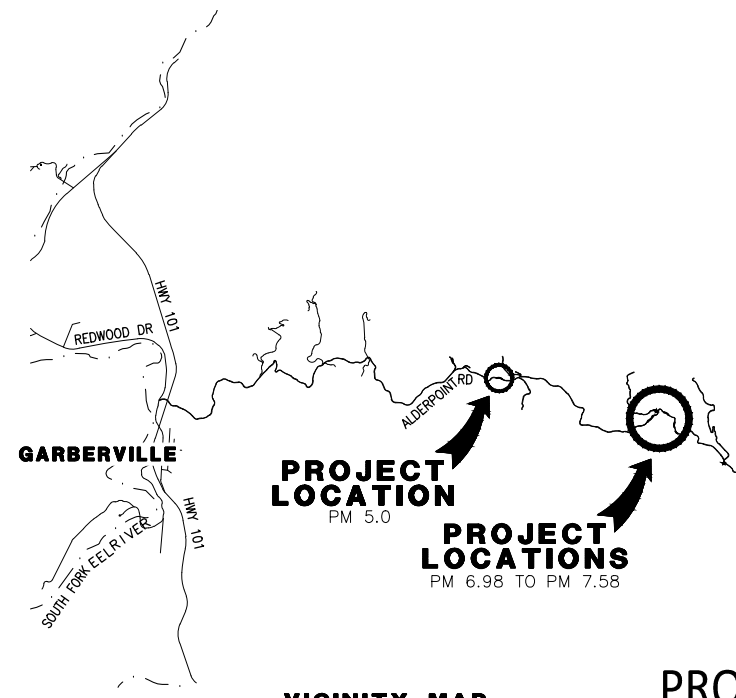


BAR IS ONE INCH ON ORIGINAL DRAWING IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	ROAD NAME: ALDERPOINT ROAD	DESIGNED BY: FL/KH	
	ROAD NO: F6B165	MILE POST: 5.0, 6.98, 7.25, 7.37, 7.58	DRAWN BY: FL/KH/CM
	PROJECT NO.:	EA NO.:	REVIEWED BY: GH/KD
	CONTRACT NO.:	BRIDGE NO: N/A	APPROVED BY: JH/EM
	DRAWING FILE NAME:		
PLOT DATE: FEBRUARY 2023	REVISION DATE:		

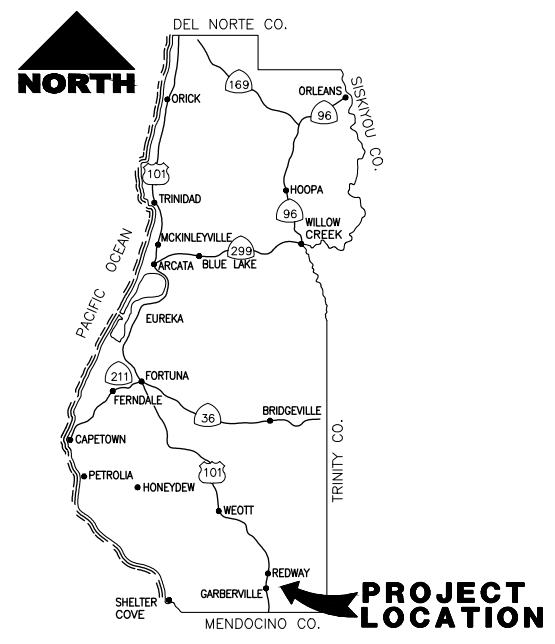
COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS PROJECT PLANS FOR CONSTRUCTION OF STORM DAMAGE REPAIRS ON ALDERPOINT ROAD [F6B165] AT P.M. 5.0, 6.98, 7.25, 7.37, 7.58

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



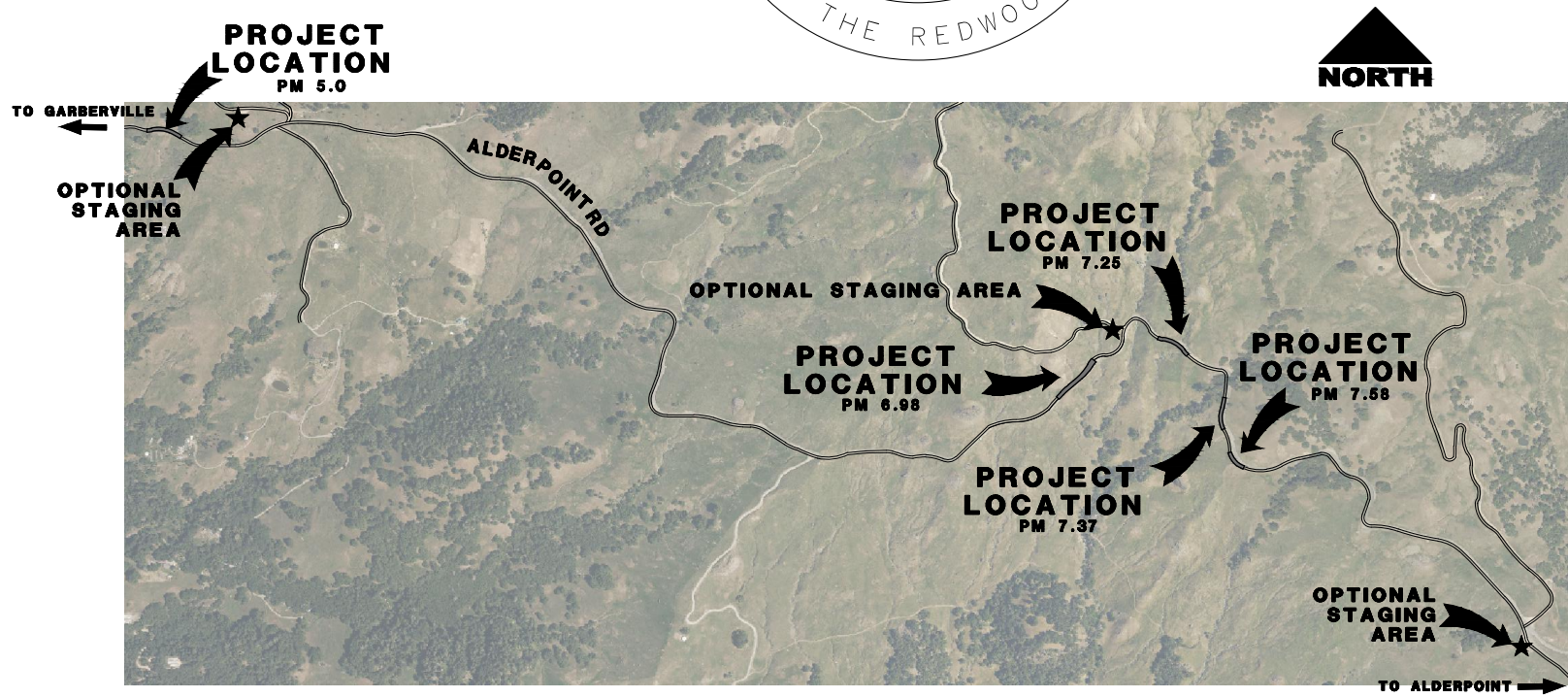
VICINITY MAP
NOT TO SCALE



LOCATION MAP
NOT TO SCALE

INDEX OF SHEETS

1	TITLE SHEET	37	PM 7.37 PROFILE
2	BID QUANTITY SUMMARY	38	PM 7.37 DRAINAGE AND UTILITY PLANS
3	KEY MAP	39	PM 7.37 DRAINAGE PROFILES
4	PM 5.0 PROJECT CONTROL	40	PM 7.37 EROSION CONTROL
5	PM 5.0 TYPICAL CROSS SECTIONS	41-42	PM 7.37 STAGE CONSTRUCTION
6	PM 5.0 LAYOUT	43	PM 7.58 PROJECT CONTROL
7	PM 5.0 PROFILE	44-45	PM 7.58 TYPICAL CROSS SECTIONS
8	PM 5.0 CONSTRUCTION DETAILS	46	PM 7.58 LAYOUT
9	PM 5.0 DRAINAGE AND UTILITY PLANS	47	PM 7.58 PROFILE
10	PM 5.0 DRAINAGE PROFILES	48	PM 7.58 DRAINAGE AND UTILITY PLANS
11	PM 5.0 EROSION CONTROL	49	PM 7.58 DRAINAGE PROFILES
12	PM 5.0 STAGE CONSTRUCTION	50	PM 7.58 EROSION CONTROL
13	PM 6.98 PROJECT CONTROL	51-52	DRAINAGE DETAILS



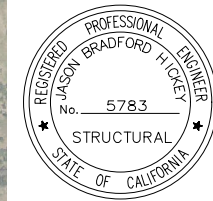
NOTES

- THE CONTRACTOR SHALL HAVE A CLASS "A" LICENSE FOR THIS PROJECT.
- STANDARD PLAN LIST APPLICABLE TO THIS CONTRACT IS INCLUDED IN THE SPECIAL PROVISIONS.

PROJECT LOCATION

PM	LATITUDE	LONGITUDE
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

APPROVED BY: *Tony Seghetti* 02/16/2023
 TONY SEGHETTI, RCE 63714
 COUNTY OF HUMBOLDT
 PUBLIC WORKS DEPUTY DIRECTOR DATE



J. Hickey 01/13/2023
 JASON HICKEY, SE 5783 DATE

GEOTECH REPORT

PM	NAME
PM 5.0	ALDERPOINT ROAD PM 5.00 STORM DAMAGE
PM 6.98	ALDERPOINT ROAD PM 6.98 STORM DAMAGE
PM 7.25	ALDERPOINT ROAD PM 7.25 STORM DAMAGE
PM 7.37	ALDERPOINT ROAD PM 7.37 STORM DAMAGE
PM 7.58	ALDERPOINT ROAD PM 7.58 STORM DAMAGE

2020 CRAWFORD & ASSOCIATES, INC.

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

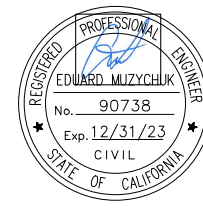
BAR IS ONE INCH ON ORIGINAL DRAWING IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	ROAD NAME: ALDERPOINT ROAD	MILE POST: 5.0, 6.98, 7.25, 7.37, 7.58
	ROAD NO: F6B165	EA NO.:
	PROJECT NO.:	BRIDGE NO: N/A
	CONTRACT NO.:	DRAWING FILE NAME:
	PLOT DATE: FEBRUARY 2023	REVISION DATE:

MARK THOMAS
 DESIGNED BY: FL/KH
 DRAWN BY: FL/KH/CM
 REVIEWED BY: GH/KD
 APPROVED BY: JH/EM

BID QUANTITY SUMMARY SHEET

ITEM No.	FINAL PAY ITEMS	BEES ITEM NUMBER	ITEM DESCRIPTION	UNIT	LOCATION					TOTAL
					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			1			1
9		130310	RAIN EVENT ACTION PLAN	EA			20			20
10		130320	STORM WATER SAMPLING ANALYSIS DAY	DAY			6			6
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		665048	48" CORRUGATED STEEL PIPE (.138" THICK) - ALUMINIZED	LF	0	0	61	0	0	61
32		680207A	4" PLASTIC PIPE	LF	0	105	0	0	0	105
33		680902	6" PERFORATED PLASTIC PIPE UNDERDRAIN	LF	452	700	400	286	320	2158
34		681023	6" PLASTIC PIPE	LF	78	168	84	44	0	374
35	F	682022	CLASS 1 PERMEABLE MATERIAL (BLANKET)	CY	520	380	550	410	0	1860
36		690112	12" CORRUGATED STEEL PIPE DOWNDRAIN (0.079" THICK) - ALUMINIZED	LF	0	0	20	0	0	20
37		690118	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		692301	ANCHOR ASSEMBLY	EA	4	3	6	3	4	20
40		692409	CABLE ANCHORAGE SYSTEM	EA	0	0	0	1	0	1
41		700639	36" CORRUGATED STEEL PIPE INLET (0.109" THICK)	LF	0	9	0	11	6	26
42		710136	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
46		729011	ROCK SLOPE PROTECTION FABRIC (CLASS B)	SY	17	23	277	20	17	354
47		840501	4" THERMOPLASTIC TRAFFIC STRIPE	LF	720	940	930	490	875	3955
48		999990	MOBILIZATION	LS	0.15	0.25	0.20	0.20	0.20	1

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



ROAD NAME: ALDERPOINT ROAD	MILE POST: 5.0, 6.98, 7.25, 7.37, 7.58
ROAD NO: F66165	EA NO:
PROJECT NO.:	BRIDGE NO: N/A
CONTRACT NO.:	DRAWING FILE NAME:
PLOT DATE: FEBRUARY 2023	REVISION DATE:

MARK THOMAS
DESIGNED BY: FL/KH
DRAWN BY: FL/KH/CM
REVIEWED BY: GH/KD
APPROVED BY: JH/EM

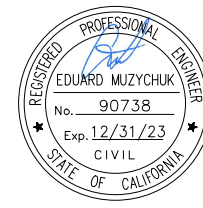
COUNTY OF HUMBOLDT
DEPARTMENT OF PUBLIC WORKS
ALDERPOINT RD STORM DAMAGE

SHEET **3**
 OF
52

KEY MAP



LOCATION MAP
 NOT TO SCALE



ROAD NAME: ALDERPOINT ROAD	MILE POST: 5.0
ROAD NO: F6B165	EA NO:
PROJECT NO: ER-32LO(273)	BRIDGE NO: N/A
CONTRACT NO: 217250	DRAWING FILE NAME:
PLOT DATE: FEBRUARY 2023	REVISION DATE:

MARK THOMAS
DESIGNED BY: FL
DRAWN BY: CM
REVIEWED BY: KAD
APPROVED BY: EM

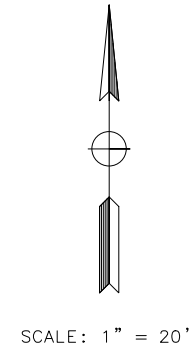
- NOTES:**
- CONTRACTOR MUST COMPLY WITH BUSINESS AND PROFESSIONS CODE SECTION 8771 (b) REGARDING REFERENCING, PRESERVING AND RECONSTRUCTING MONUMENTS, WHETHER OR NOT MONUMENTS ARE SHOWN IN THESE PLANS.
 - IF MONUMENT IS DAMAGED BY CONTRACTOR'S OPERATIONS, CONTRACTOR SHALL REPLACE MONUMENT AT CONTRACTOR'S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

ABBREVIATIONS:

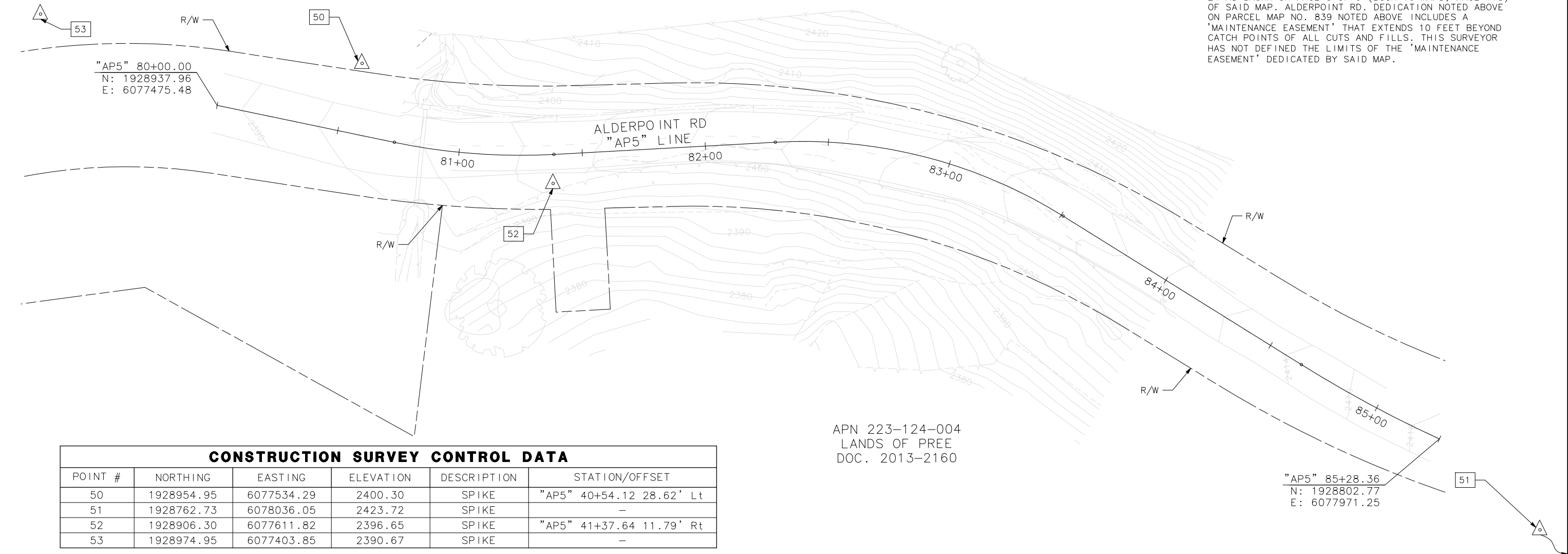
NGS NATIONAL GEODETIC SURVEY
PID PERMANENT IDENTIFIER

LEGEND:

△ CONTROL POINT



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



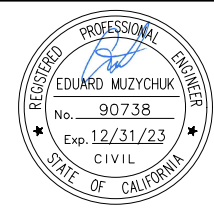
APN 223-124-004
LANDS OF PREE
DOC. 2013-2160

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	-

"AP5" 85+28.36
N: 1928802.77
E: 6077971.25

- DATUM:**
- 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 07 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.
 - 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 MAP NO. 1658, RECORDED IN BOOK 14 OF 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.



ROAD NAME: ALDERPOINT ROAD	MILE POST: 5.0
ROAD NO: F6B165	EA NO:
PROJECT NO.: ER-32LO(273)	BRIDGE NO: N/A
CONTRACT NO.: 217250	DRAWING FILE NAME:
PLOT DATE: FEBRUARY 2023	REVISION DATE:

MARK THOMAS
DESIGNED BY: FL
DRAWN BY: CM
REVIEWED BY: KAD
APPROVED BY: EM

LEGEND

-----	SAWCUT
- - - C - - - C -	CUT LINE
- - - F - - - F -	FILL LINE
-----	RIGHT OF WAY
-----	TEMPORARY CONSTRUCTION EASEMENT (TCE)
-----	DRAINAGE EASEMENT
[Hatched Box]	EXISTING WETLANDS
[Rock Pattern Box]	ROCK BUTTRESS (RSP 1/2 TON, METHOD A)
[Tree Symbol]	EXIST TREE
[Tree Symbol with X]	REMOVE EXIST TREE

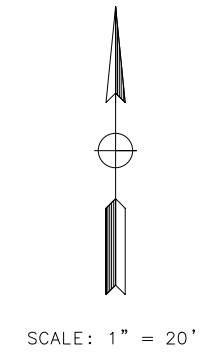
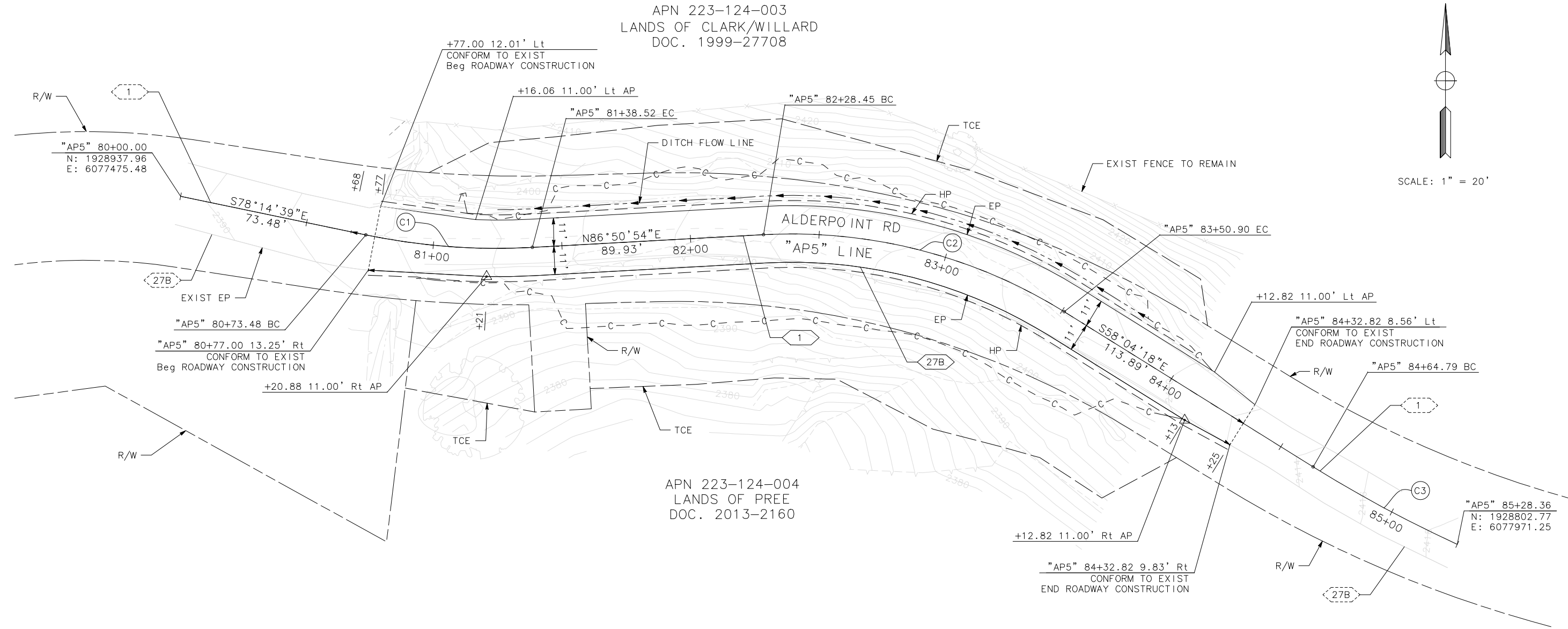
NOTE:
1. CA MUTCD CODES SHOWN AS DESIGNATED BY <CA> WHICH INDICATED A CALIFORNIA SIGN CODE. OTHERWISE, FEDERAL MUTCD CODES ARE SHOWN.

STRIPING LEGEND:

[No. in hexagon]	PAVEMENT DELINEATION DETAIL
[No. in dashed hexagon]	EXIST PAVEMENT DELINEATION DETAIL
[Arrow]	MARKER BEG/END OF TRAFFIC STRIPE DETAIL
[Triangle]	TRAFFIC STRIPE ANGLE POINT
[Delta]	ANGLE POINT
[Circle]	BC/EC/PCC

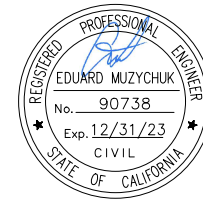
ALIGNMENT CURVE TABLE

CURVE	RADIUS	DELTA	TANGENT	LENGTH
C1	250.00'	14°54'28"	32.71'	65.05'
C2	200.00'	35°04'48"	63.21'	122.45'
C3	500.00'	7°17'04"	31.83'	63.57'

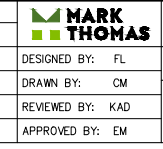


APN 223-124-003
LANDS OF CLARK/WILLARD
DOC. 1999-27708

APN 223-124-004
LANDS OF PREE
DOC. 2013-2160



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



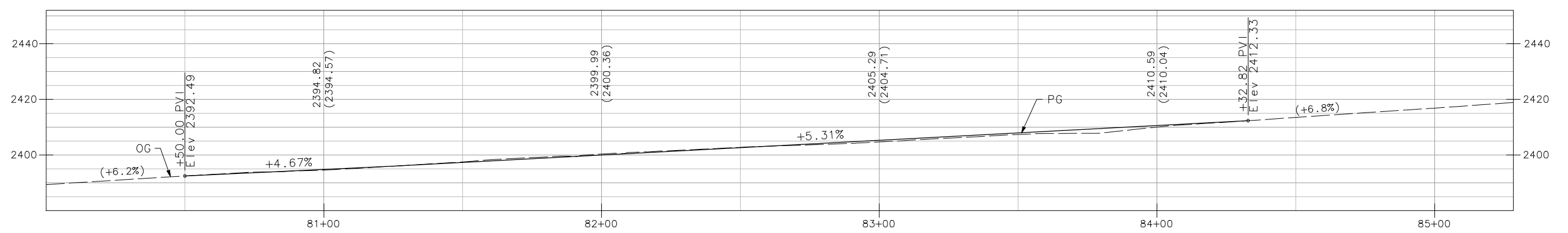
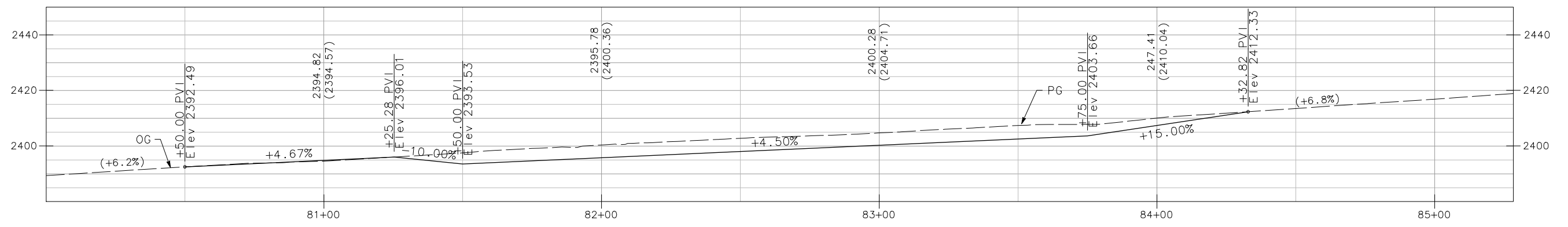
**COUNTY OF HUMBOLDT
DEPARTMENT OF PUBLIC WORKS**

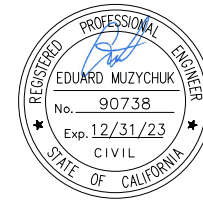
ALDERPOINT RD STORM DAMAGE (PM 5.0)

PROFILE

SHEET
7
OF
52

LEGEND:
(XXXX.XX) EXIST ELEVATION





ROAD NAME: ALDERPOINT ROAD	MILE POST: 5.0
ROAD NO: F6B165	EA NO:
PROJECT NO: ER-32LO(273)	BRIDGE NO: N/A
CONTRACT NO: 217250	DRAWING FILE NAME:
PLOT DATE: FEBRUARY 2023	REVISION DATE:

MARK THOMAS
DESIGNED BY: FL
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REVIEWED BY: KAD
APPROVED BY: EM

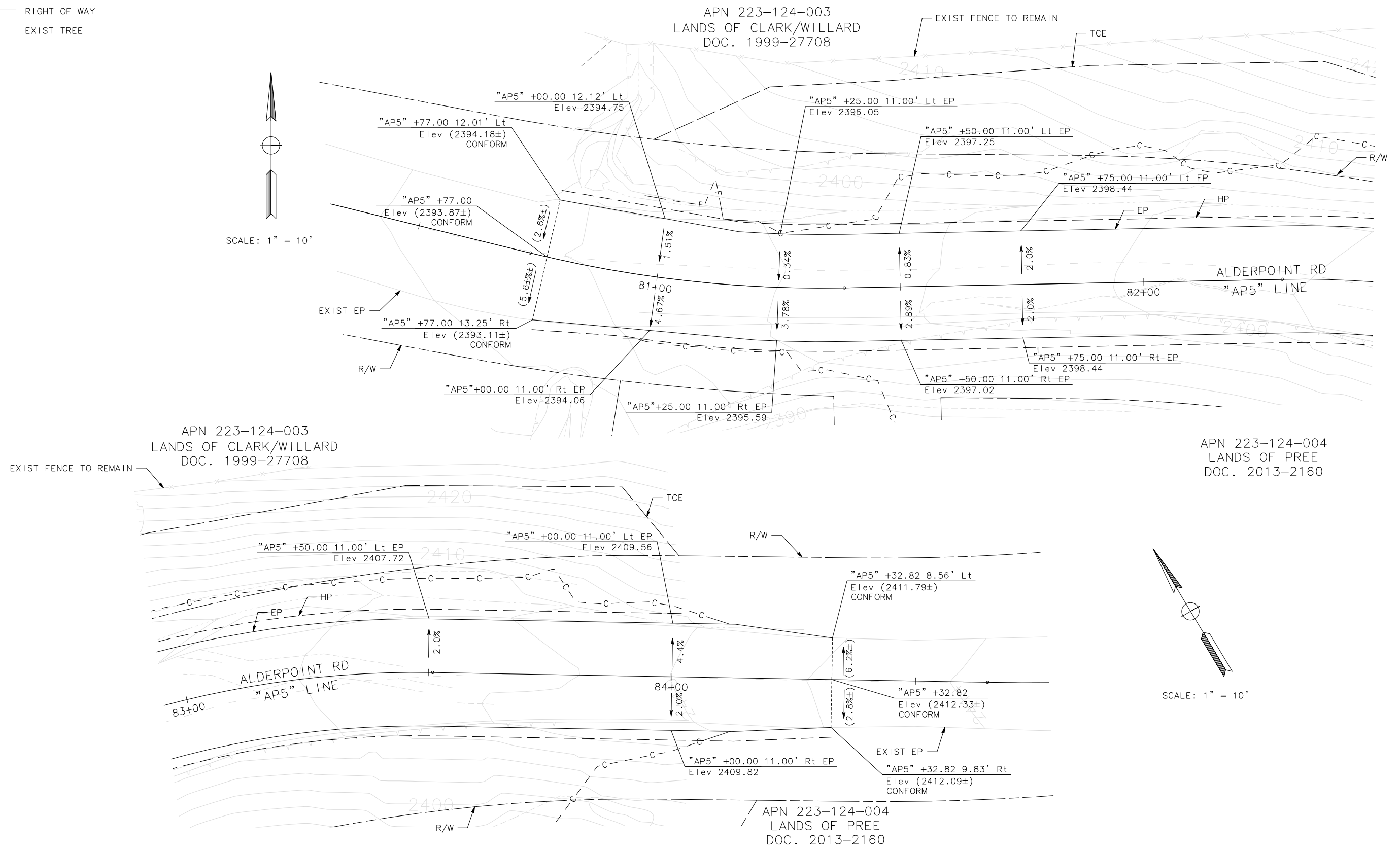
COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS
ALDERPOINT RD STORM DAMAGE (PM 5.0)
CONSTRUCTION DETAILS

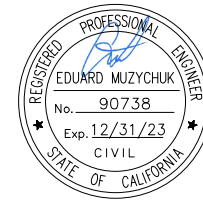
SHEET 8 OF 52

- LEGEND**
- - - C - - - CUT LINE
 - - - F - - - FILL LINE
 - SAWCUT
 - - - - - TEMPORARY CONSTRUCTION EASEMENT (TCE)
 - - - - - RIGHT OF WAY
 - EXIST TREE

SCALE: 1" = 10'

SCALE: 1" = 10'





ROAD NAME: ALDERPOINT ROAD	MILE POST: 5.0
ROAD NO: F6B165	EA NO:
PROJECT NO.: ER-32LO(273)	BRIDGE NO: N/A
CONTRACT NO.: 217250	DRAWING FILE NAME:
PLOT DATE: FEBRUARY 2023	REVISION DATE:

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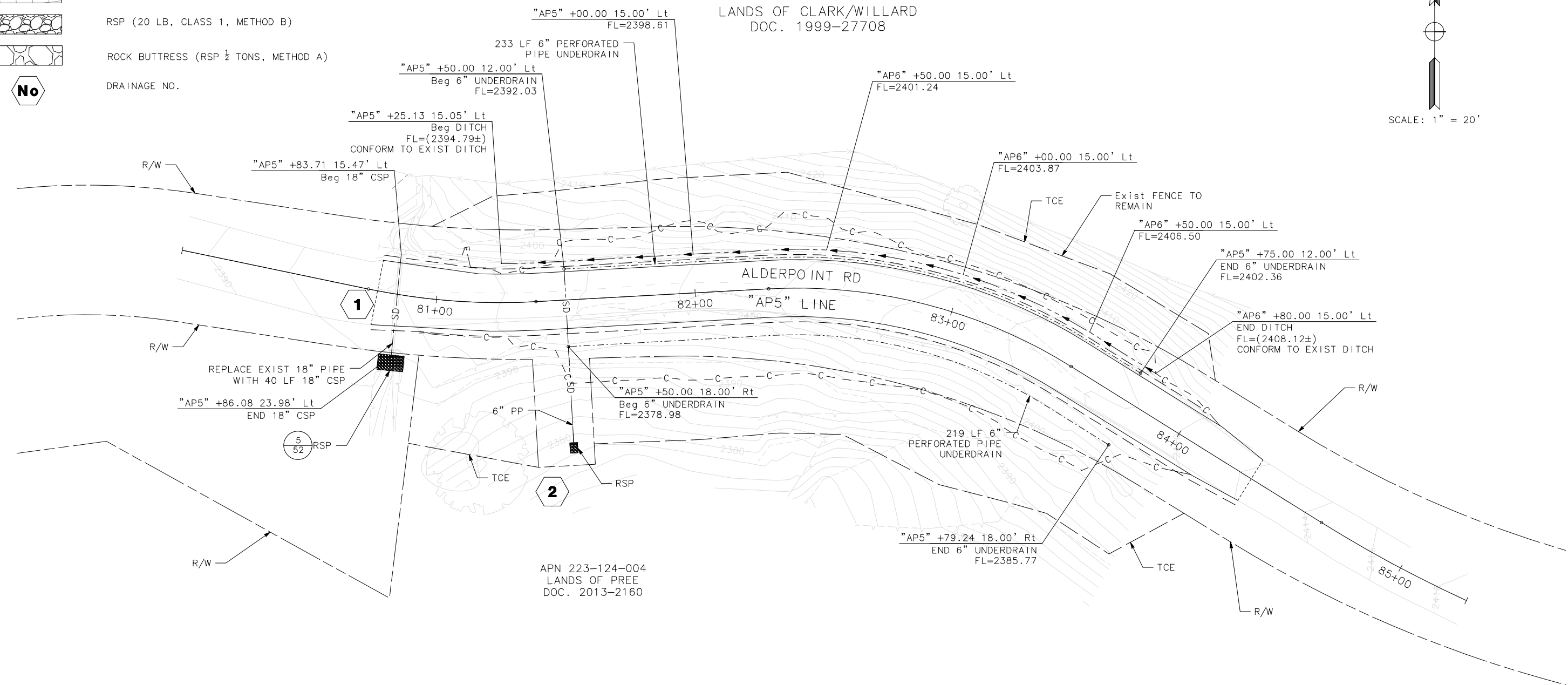
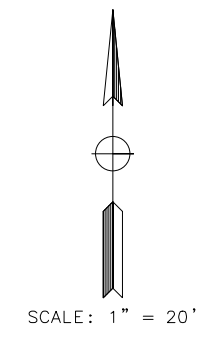
NOTES:

- FOR UNDERDRAIN DETAILS NOT SHOWN, SEE CALTRANS STANDARD PLAN D102.
- FOR TAPERED INLET AND FLUME DOWNDRAIN DETAILS NOT SHOWN, SEE CALTRANS STANDARD PLAN D87A.

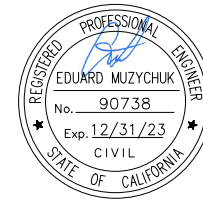
LEGEND:

- (oh) EXIST OVERHEAD TELEPHONE LINE
- EXIST TELEPHONE POLE
- EXIST UNDERGROUND TELEPHONE LINE
- PERFORATED PIPE UNDERDRAIN
- SD SOLID STORM DRAIN PIPE
- DITCH FLOW LINE
- EXISTING WETLANDS
- RSP (20 LB, CLASS 1, METHOD B)
- ROCK BUTTRESS (RSP 1/2 TONS, METHOD A)
- DRAINAGE NO.

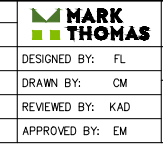
APN 223-124-003
LANDS OF CLARK/WILLARD
DOC. 1999-27708



APN 223-124-004
LANDS OF PREE
DOC. 2013-2160






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

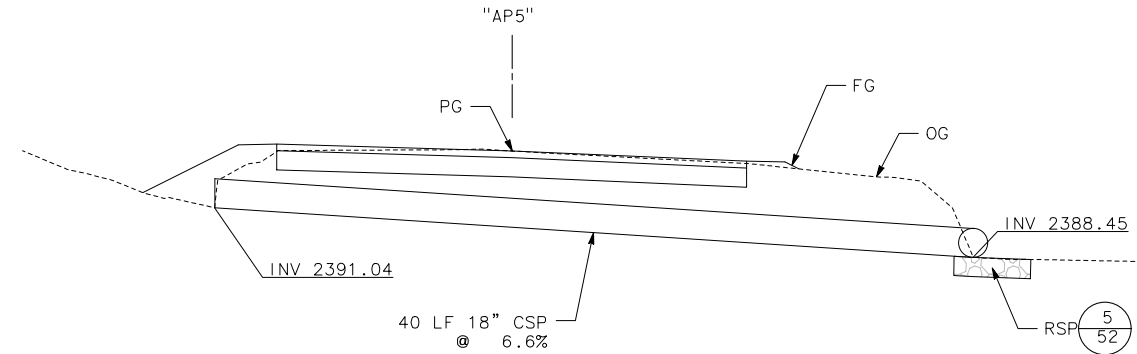


NOTES:

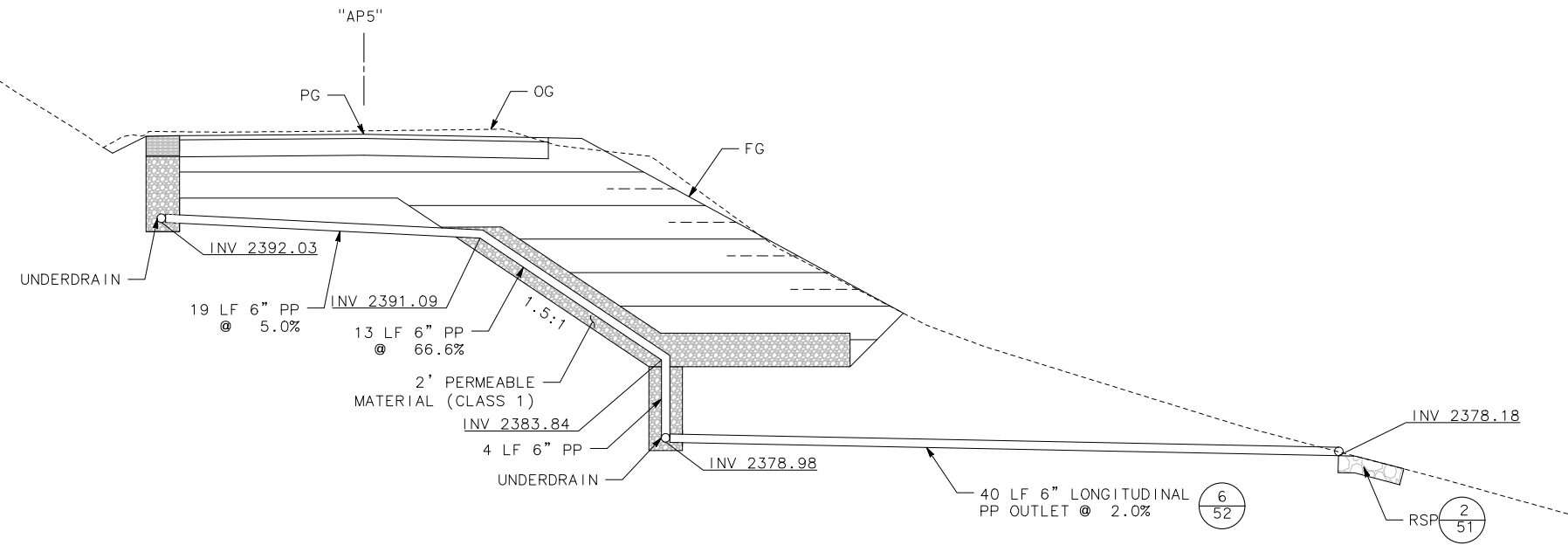
- FOR JOINT RESTRAINT ASSEMBLY DETAILS NOT SHOWN, SEE CALTRANS STANDARD PLAN D87B.
- FOR TRENCH DETAILS NOT SHOWN, SEE CALTRANS STANDARD PLAN A62F.
- DRAINAGE INLETS TO HAVE GALVANIZED GRATES OR PLATES.
- METAL PIPE JOINTS SHALL BE WATERTIGHT.
- FOR DRAINAGE INLET (TYPE OMP) DETAILS NOT SHOWN, SEE CALTRANS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

LEGEND

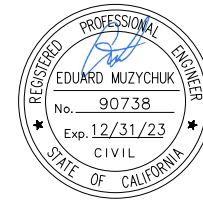
-  PERMEABLE MATERIAL (CLASS 1)
-  IMPERVIOUS COMPACTED SOIL
-  RSP (20 LB, CLASS 1, METHOD B)



DRAINAGE SYSTEM 1



DRAINAGE SYSTEM 2



ROAD NAME: ALDERPOINT ROAD	MILE POST: 5.0
ROAD NO: F6B165	EA NO:
PROJECT NO.: ER-32LO(273)	BRIDGE NO: N/A
CONTRACT NO.: 217250	DRAWING FILE NAME:
PLOT DATE: FEBRUARY 2023	REVISION DATE:

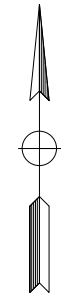
MARK THOMAS
DESIGNED BY: FL
DRAWN BY: CM
REVIEWED BY: KAD
APPROVED BY: EM

NOTES:

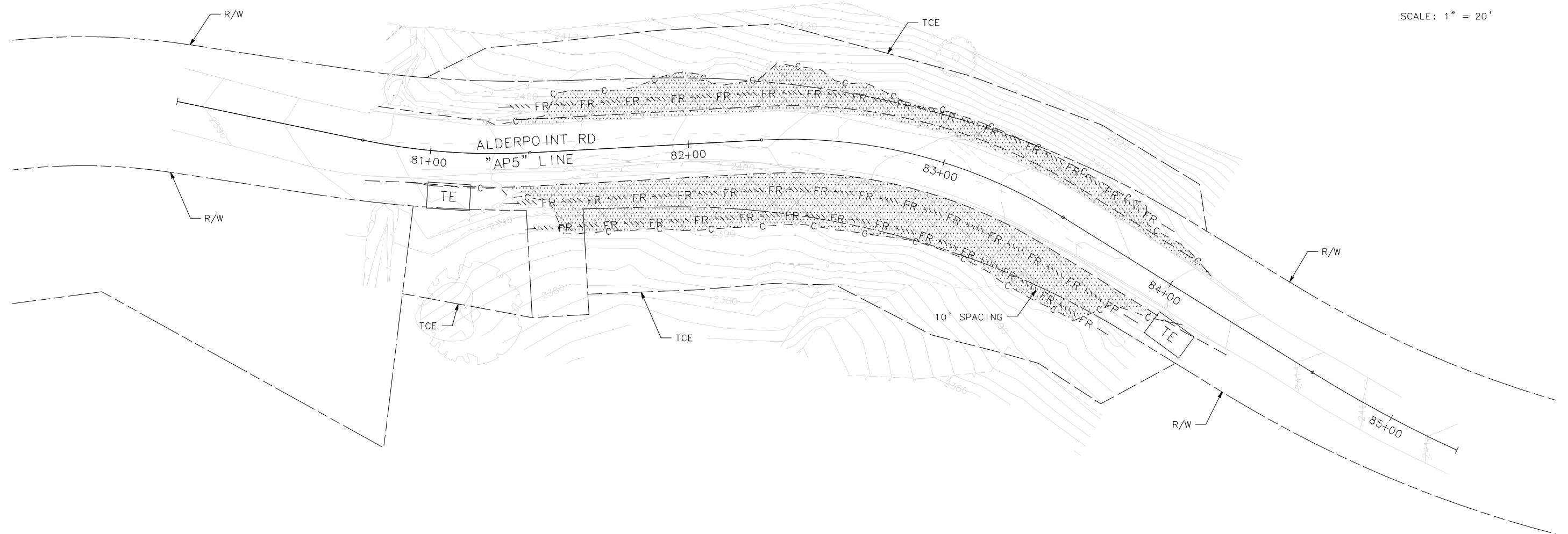
1. CONSTRUCTION ENTRANCE BMP'S MUST BE INSTALLED TO CONTROL VEHICLE TRACKING.
2. FOR FIBER ROLL DETAILS NOT SHOWN, SEE CALTRANS STANDARD PLANS, H51.

LEGEND:

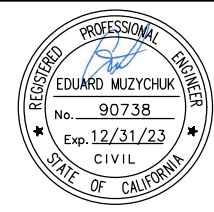
- DRY SEED AND STRAW WITH
- ROLLED EROSION CONTROL PRODUCT (RECP)
- EXISTING WETLANDS
- FIBER ROLL
- TEMP HIGH VISIBILITY FENCE
- TEMP SILT FENCE
- TEMP CHECK DAM
- TEMP CONSTRUCTION ENTRANCE
- TEMP DRAINAGE INLET PROTECTION



SCALE: 1" = 20'



THIS PLAN ACCURATE FOR EROSION CONTROL ONLY



ROAD NAME: ALDERPOINT ROAD	MILE POST: 5.0
ROAD NO: F6B165	EA NO:
PROJECT NO: ER-32LO(273)	BRIDGE NO: N/A
CONTRACT NO: 217250	DRAWING FILE NAME:
PLOT DATE: FEBRUARY 2023	REVISION DATE:

MARK THOMAS
DESIGNED BY: FL
DRAWN BY: CM
REVIEWED BY: KAD
APPROVED BY: EM

NOTES:

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

CONSTRUCTION SITE 1:

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

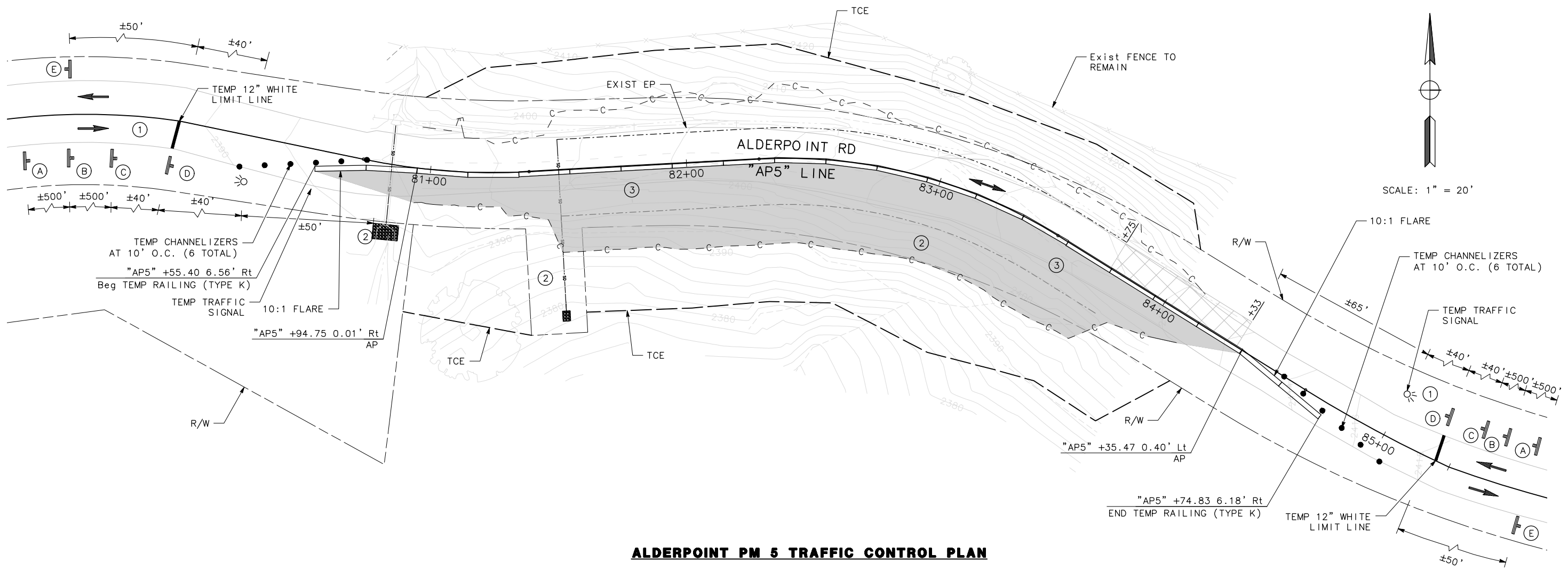
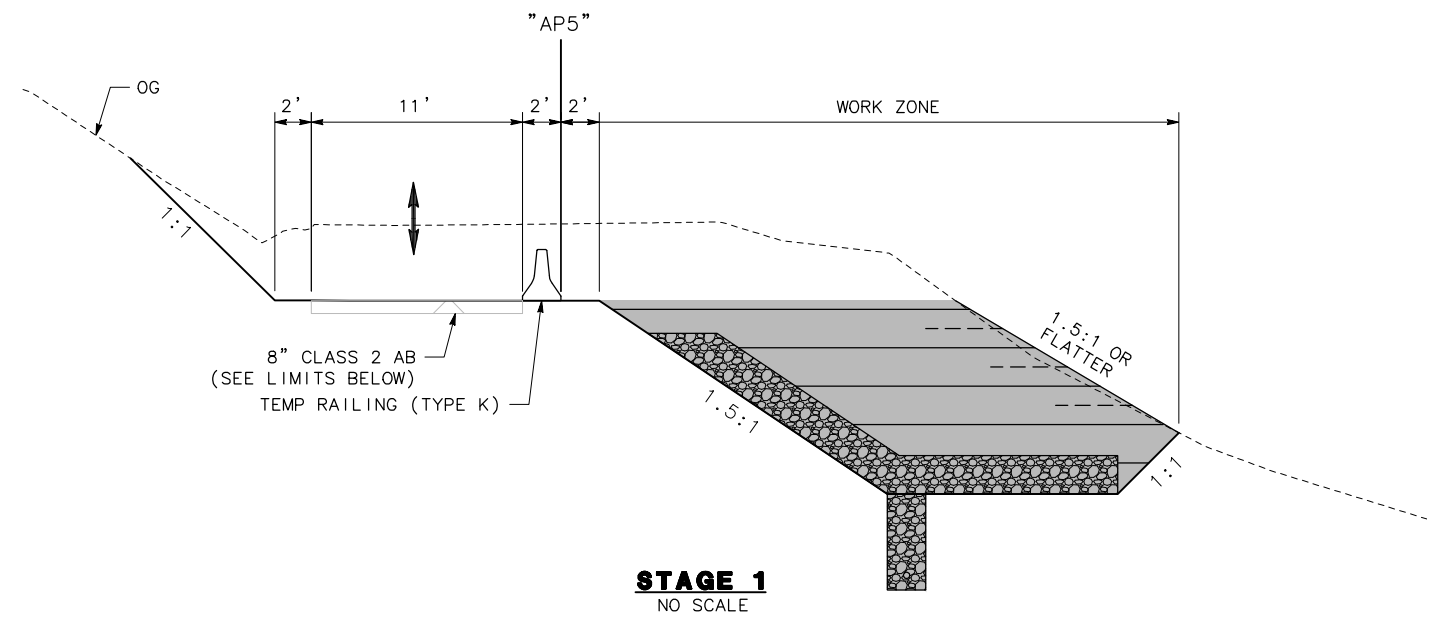
TRAFFIC SITE 1:

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

CONSTRUCTION AREA SIGNS		
SIGN LETTER	SIGN CODE	SIGN MESSAGE
A	W20-1	ROAD WORK AHEAD
B	W20-4	ONE LANE ROAD AHEAD
	W13-1P	20 MPH
C	W3-3	SIGNAL AHEAD
D	R8-10	STOP HERE ON RED
E	G20-2	END ROAD WORK

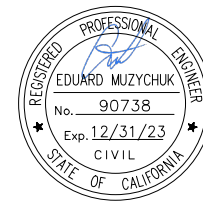
LEGEND

- 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
- CHANNELIZERS
- TEMP TRAFFIC SIGNAL



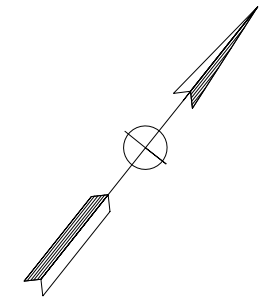
ALDERPOINT PM 5 TRAFFIC CONTROL PLAN

THIS PLAN ACCURATE FOR STAGE CONSTRUCTION ONLY



ROAD NAME: ALDERPOINT ROAD	MILE POST: 6.98
ROAD NO: F68165	EA NO:
PROJECT NO.: ER-32LO(278)	BRIDGE NO: N/A
CONTRACT NO.: 217255	DRAWING FILE NAME:
PLOT DATE: FEBRUARY 2023	REVISION DATE:

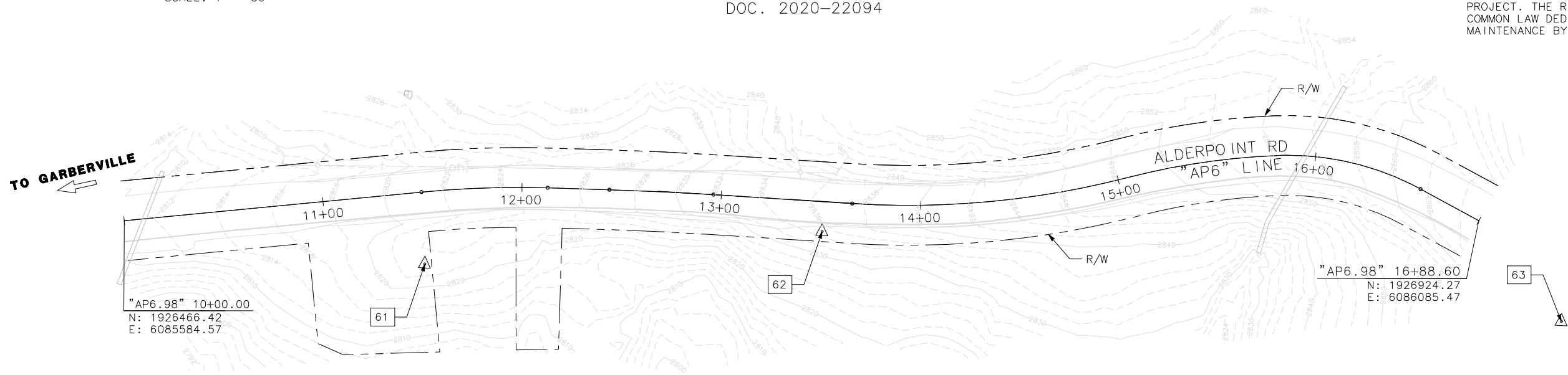
MARK THOMAS
DESIGNED BY: FL
DRAWN BY: FL
REVIEWED BY: GH
APPROVED BY: EM



SCALE: 1" = 30'

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

- DATUM:**
- 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 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 55, A 3/8 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.
 - 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.



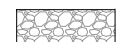

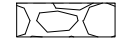
APN 223-012-015
LANDS OF GRANDALL
DOC. 2019-9838

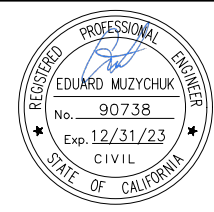
CONSTRUCTION SURVEY CONTROL DATA					
POINT #	NORTHING	EASTING	ELEVATION	DESCRIPTION	STATION/OFFSET
60	1925975.51	6087209.71	2924.18	REBAR & CAP "PWS CONTROL"	"AP6" 14+01.40 1524.92 Rt
61	1926552.02	6085710.36	2823.34	REBAR & CAP "PWS CONTROL"	"AP6" 11+47.82 36.08 Rt
62	1926698.35	6085846.30	2835.26	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	-

NOTES:

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

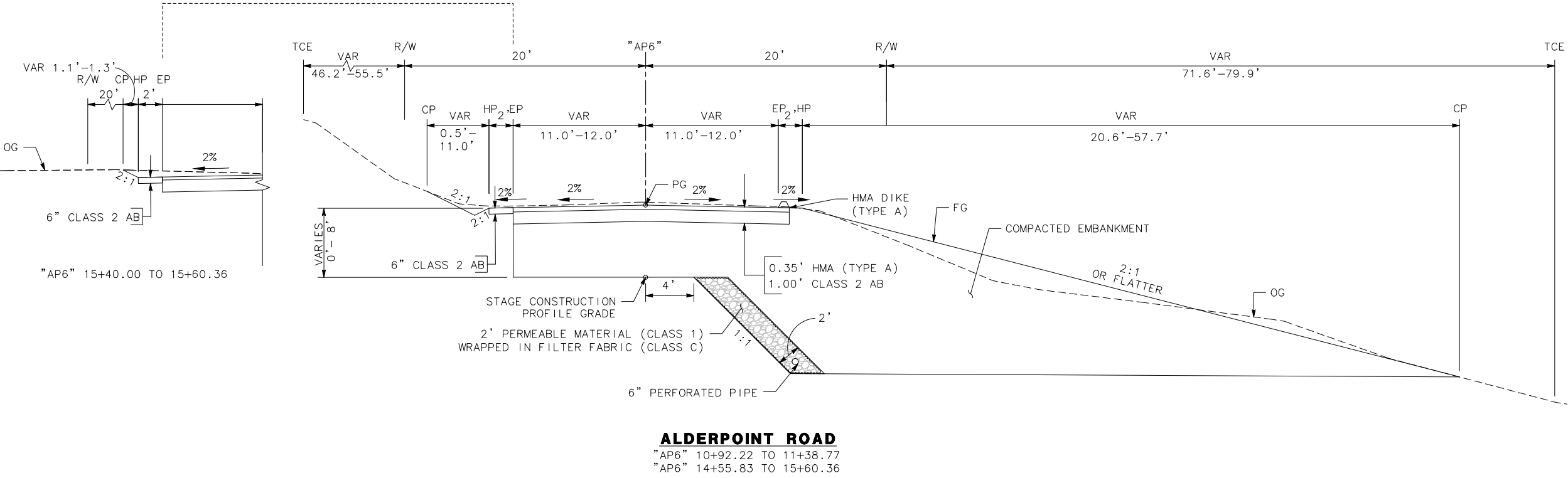
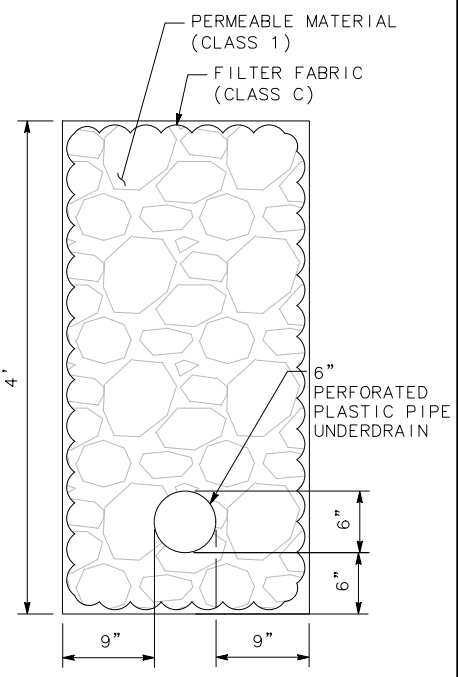
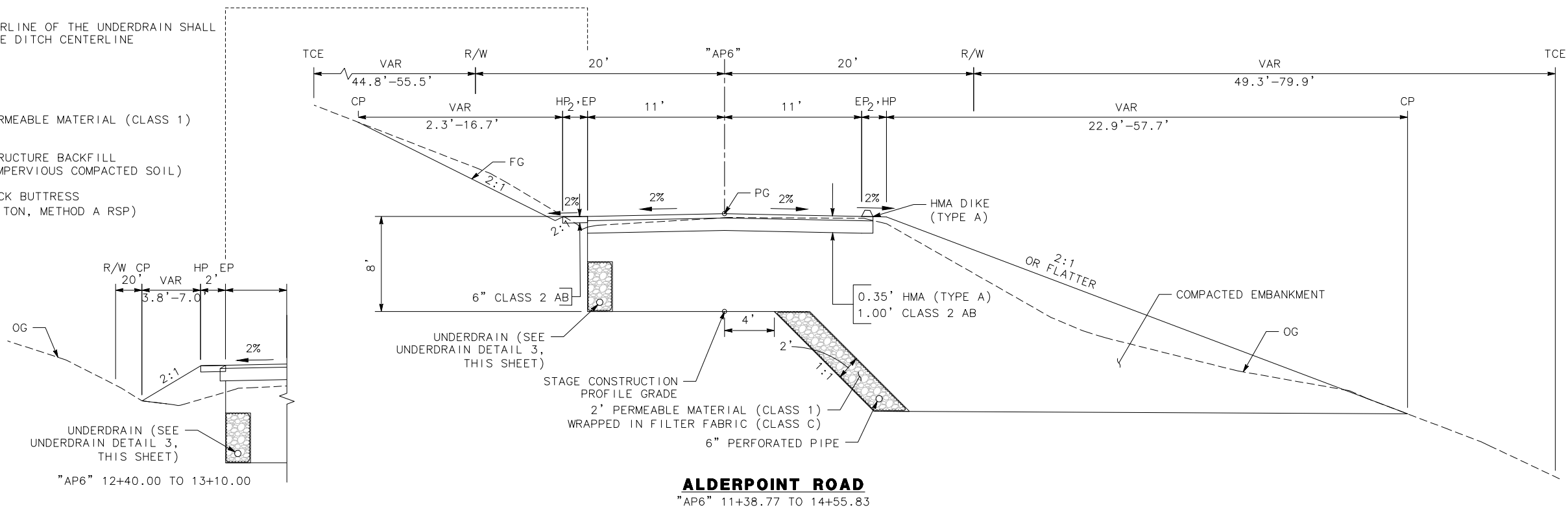
LEGEND

-  PERMEABLE MATERIAL (CLASS 1)
-  STRUCTURE BACKFILL (IMPERVIOUS COMPACTED SOIL)
-  ROCK BUTTRESS (1/2 TON, METHOD A RSP)



ROAD NAME: ALDERPOINT ROAD	MILE POST: 6.98
ROAD NO: F6B165	EA NO:
PROJECT NO.: ER-32LO(278)	BRIDGE NO: N/A
CONTRACT NO.: 217255	DRAWING FILE NAME:
PLOT DATE: FEBRUARY 2023	REVISION DATE:

MARK THOMAS
DESIGNED BY: FL
DRAWN BY: FL
REVIEWED BY: GH
APPROVED BY: EM



LEGEND

- SAWCUT
- - - C - - - CUT LINE
- - - F - - - FILL LINE
- RIGHT OF WAY
- TEMPORARY CONSTRUCTION EASEMENT (TCE)
- DRAINAGE EASEMENT
- [Hatched Box] EXISTING WETLANDS
- [Rock Pattern Box] ROCK BUTTRESS (RSP 1/2 TON, METHOD A)
- [Tree Symbol] EXIST TREE
- [Tree Symbol with X] REMOVE EXIST TREE

NOTE:

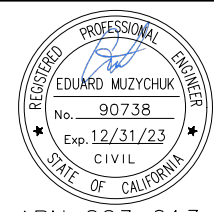
1. CA MUTCD CODES SHOWN AS DESIGNATED BY <CA> WHICH INDICATED A CALIFORNIA SIGN CODE. OTHERWISE, FEDERAL MUTCD CODES ARE SHOWN.
2. FOR ESA FENCING LOCATIONS, SEE SHEET EC-2.

STRIPING LEGEND:

- [No. in Circle] PAVEMENT DELINEATION DETAIL
- [No. in Circle] EXIST PAVEMENT DELINEATION DETAIL
- [Triangle with Arrow] MARKER BEG/END OF TRAFFIC STRIPE DETAIL
- [Triangle] TRAFFIC STRIPE ANGLE POINT
- [Triangle] ANGLE POINT
- [Circle] BC/EC/PCC

ALIGNMENT CURVE TABLE

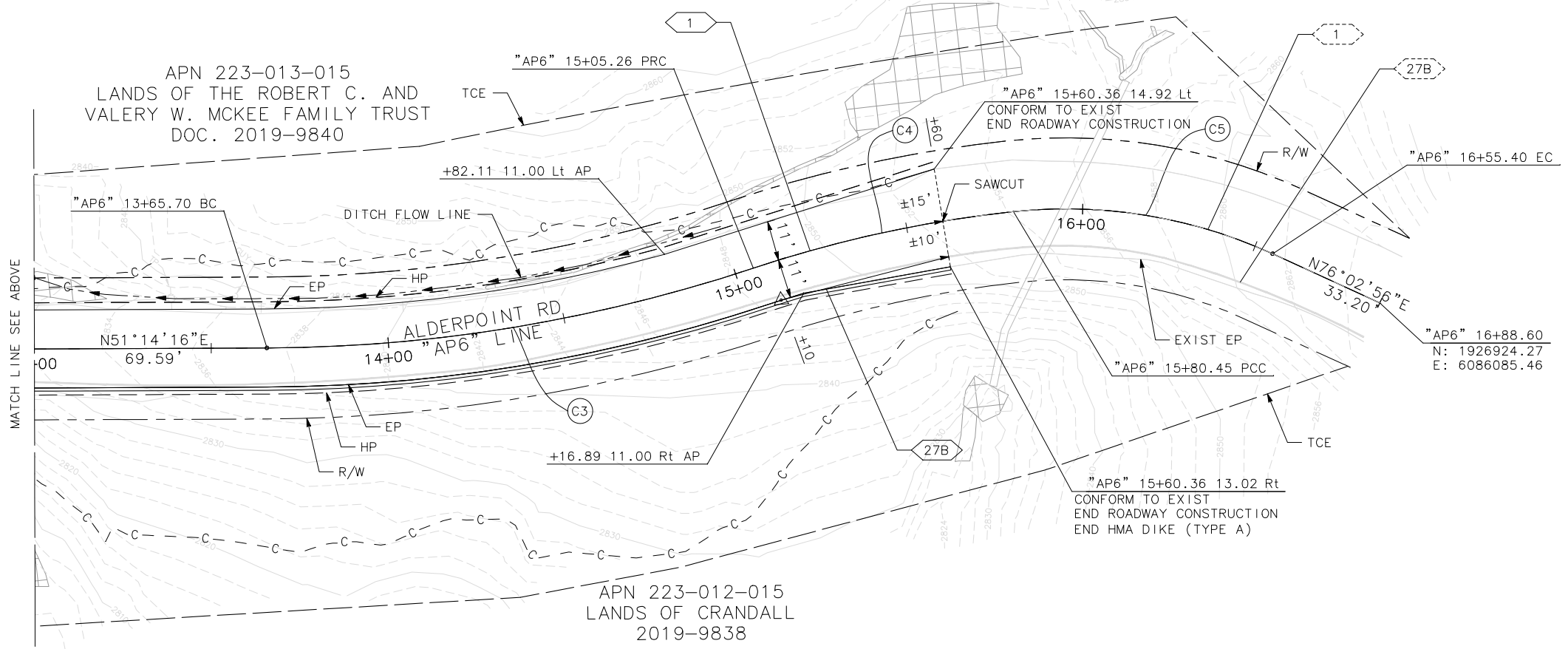
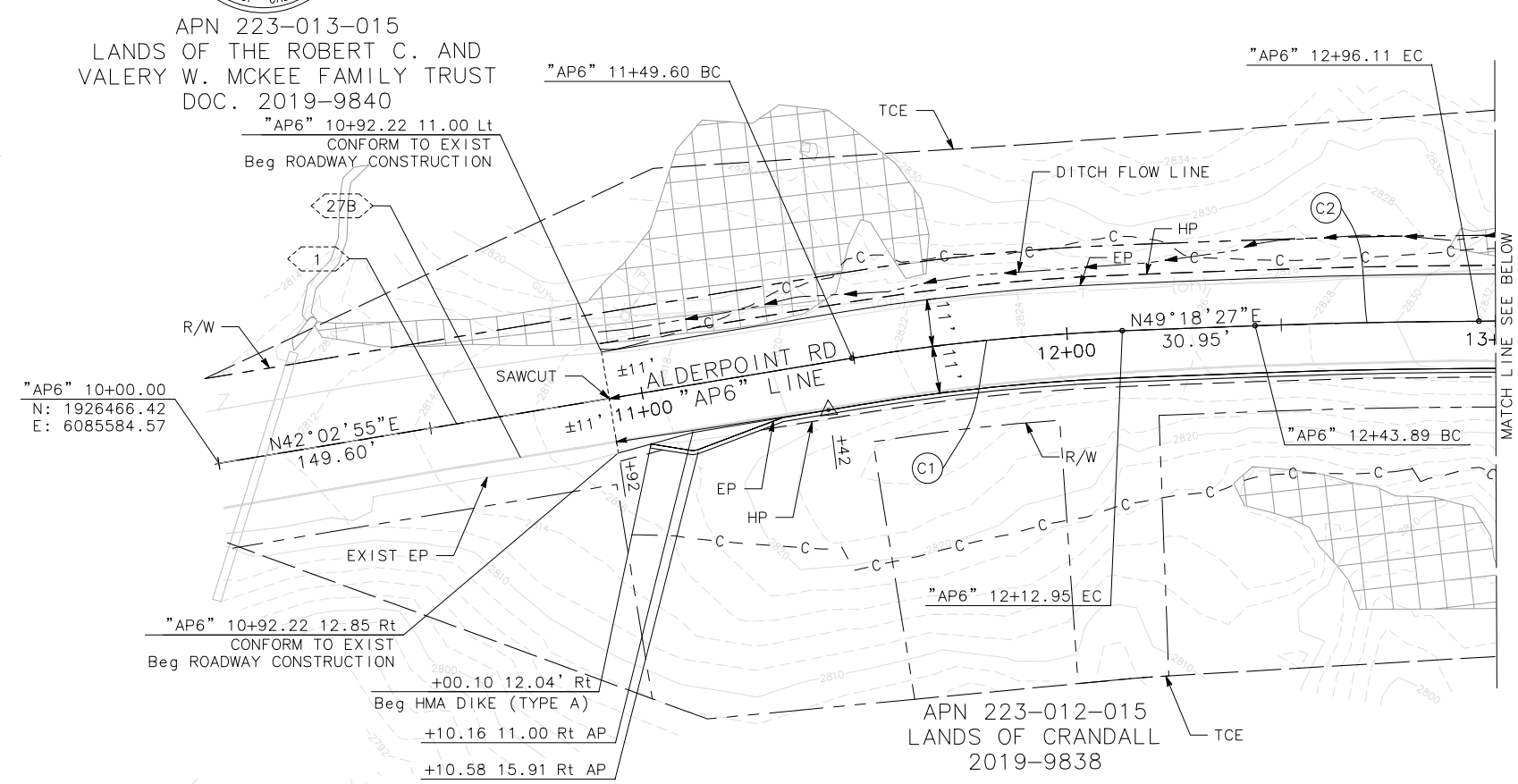
CURVE	RADIUS	DELTA	TANGENT	LENGTH
C1	500.00'	7°15'32"	31.72'	63.35'
C2	1550.00'	1°55'49"	26.11'	52.22'
C3	440.00'	18°10'21"	70.37'	139.55'
C4	350.00'	12°18'36"	37.74'	75.20'
C5	140.00'	30°40'25"	38.40'	74.95'

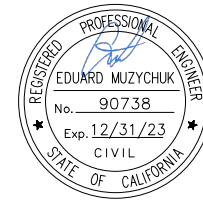


ROAD NAME: ALDERPOINT ROAD	MILE POST: 6.98
ROAD NO: F6B165	EA NO:
PROJECT NO.: ER-32LO(27B)	BRIDGE NO: N/A
CONTRACT NO.: 217255	DRAWING FILE NAME:
PLOT DATE: FEBRUARY 2023	REVISION DATE:

MARK THOMAS
DESIGNED BY: FL
DRAWN BY: FL
REVIEWED BY: GH
APPROVED BY: EM

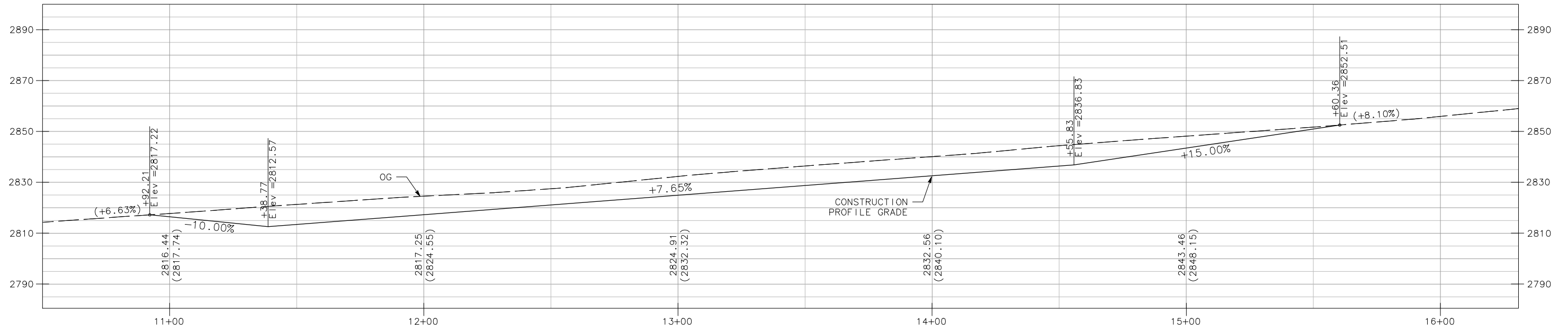
LAYOUT





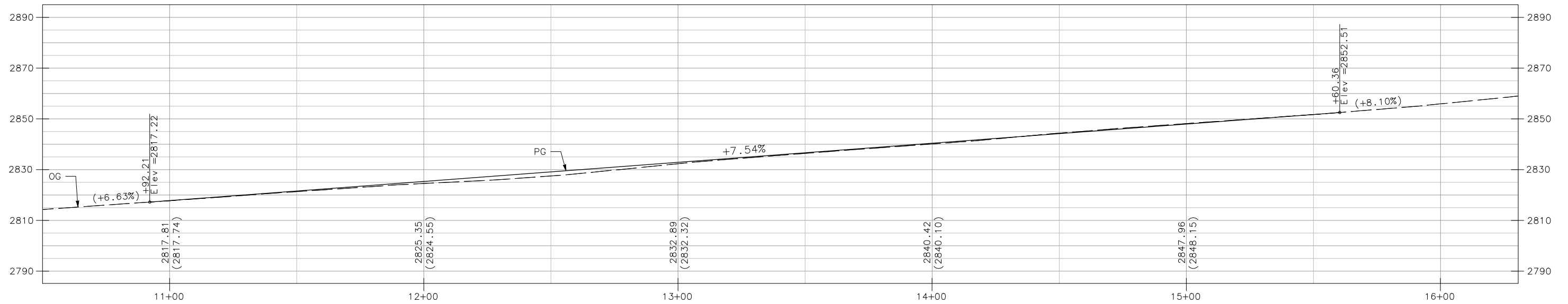
ROAD NAME: ALDERPOINT ROAD	MILE POST: 6.98
ROAD NO: F6B165	EA NO:
PROJECT NO.: ER-32LO(278)	BRIDGE NO: N/A
CONTRACT NO.: 217255	DRAWING FILE NAME:
PLOT DATE: FEBRUARY 2023	REVISION DATE:

MARK THOMAS
DESIGNED BY: FL
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APPROVED BY: EM



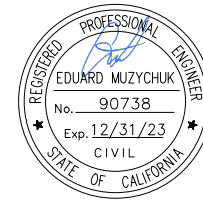
STAGE CONSTRUCTION PROFILE

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



PROFILE

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

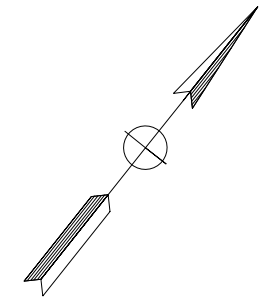


ROAD NAME: ALDERPOINT ROAD	MILE POST: 6.98
ROAD NO: F6B165	EA NO:
PROJECT NO: ER-32LO(278)	BRIDGE NO: N/A
CONTRACT NO: 217255	DRAWING FILE NAME:
PLOT DATE: FEBRUARY 2023	REVISION DATE:

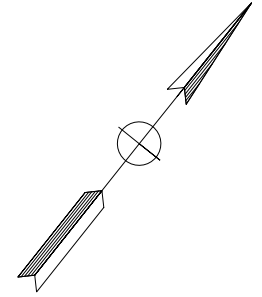
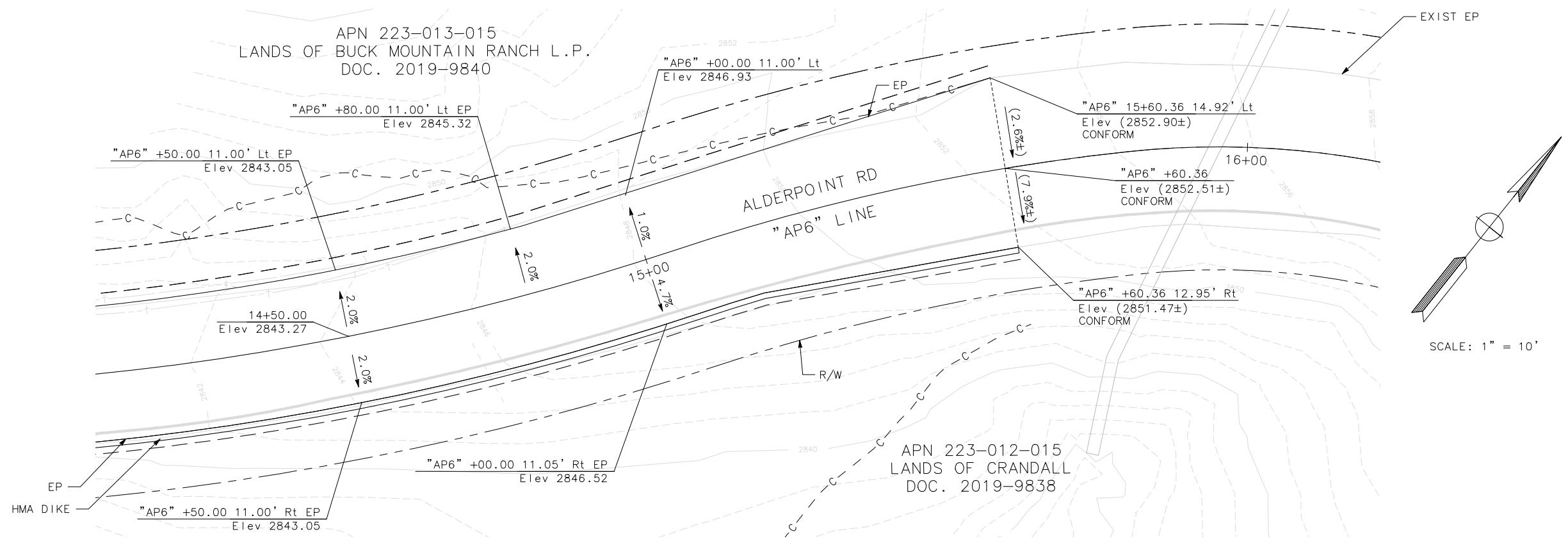
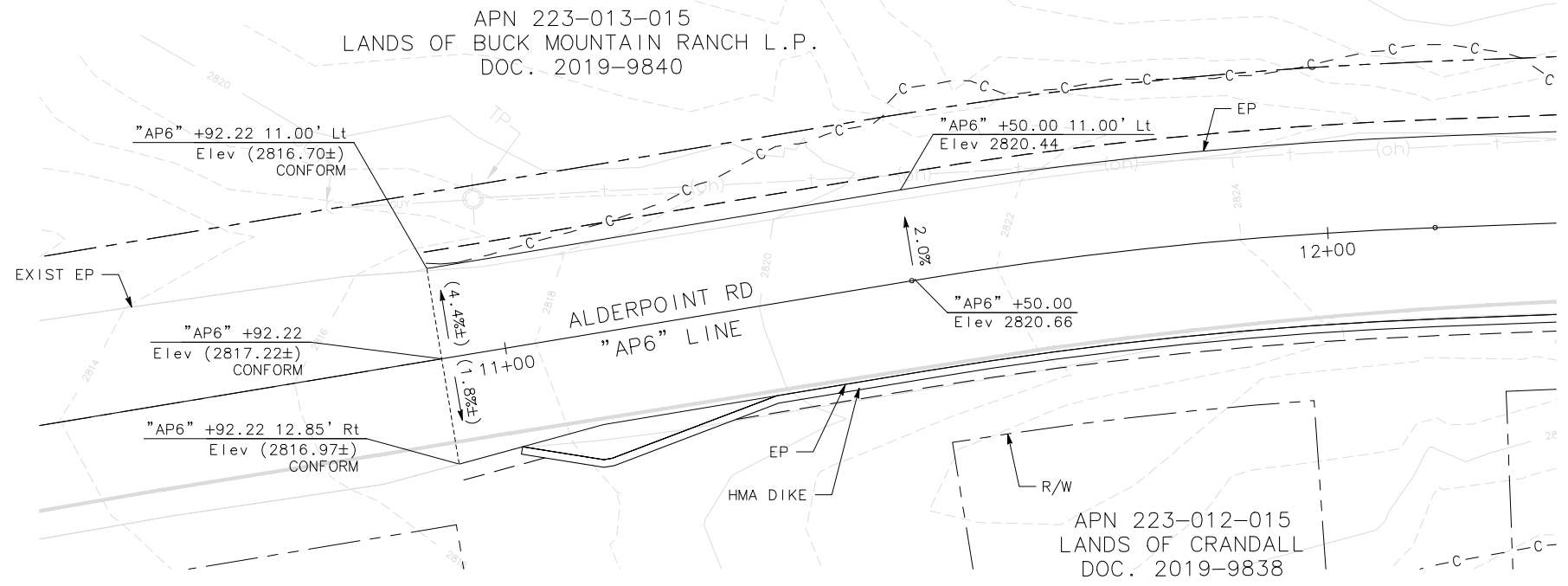
MARK THOMAS
DESIGNED BY: FL
DRAWN BY: FL
REVIEWED BY: GH
APPROVED BY: EM

COUNTY OF HUMBOLDT
DEPARTMENT OF PUBLIC WORKS
ALDERPOINT RD STORM DAMAGE (PM 6.98)
CONSTRUCTION DETAILS

SHEET **17**
 OF
52



SCALE: 1" = 10'

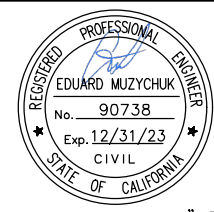
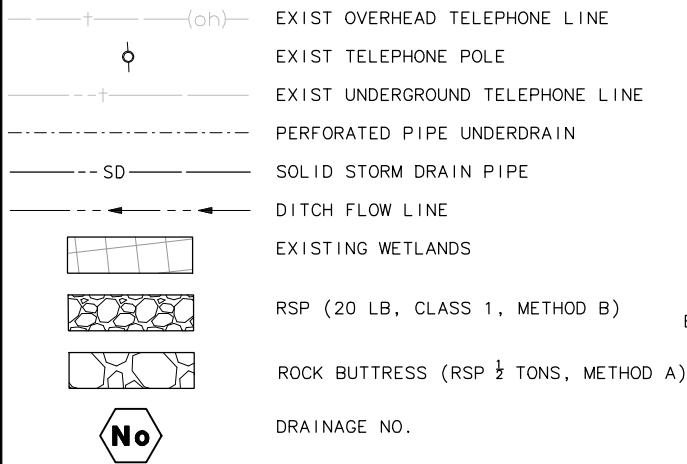


SCALE: 1" = 10'

NOTES:

1. FOR UNDERDRAIN DETAILS NOT SHOWN, SEE CALTRANS STANDARD PLAN D102.
2. FOR TAPERED INLET AND FLUME DOWNDRAIN DETAILS NOT SHOWN, SEE CALTRANS STANDARD PLAN D87A.
3. FOR ESA FENCING LOCATIONS, SEE SHEET 20.

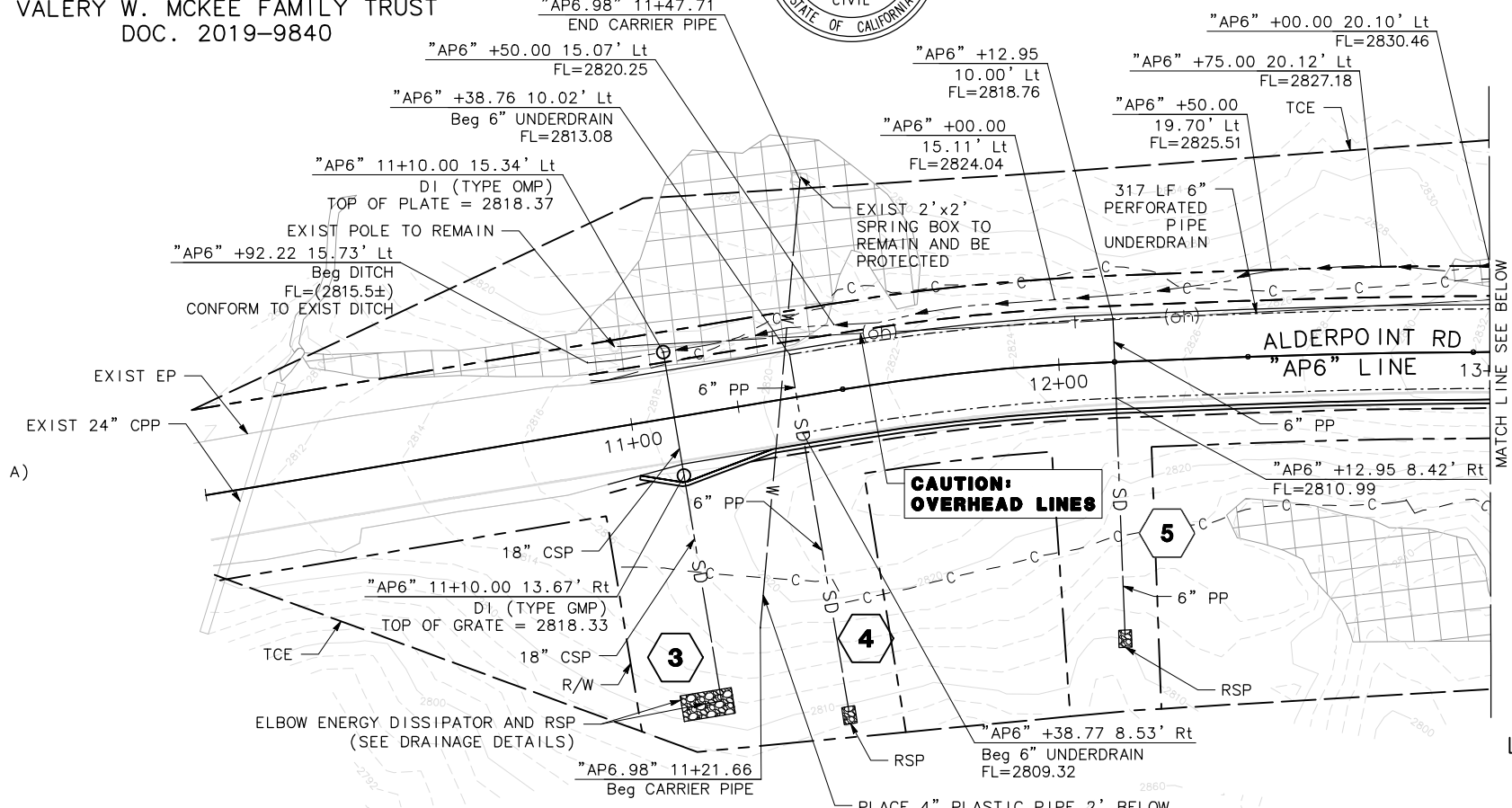
LEGEND:



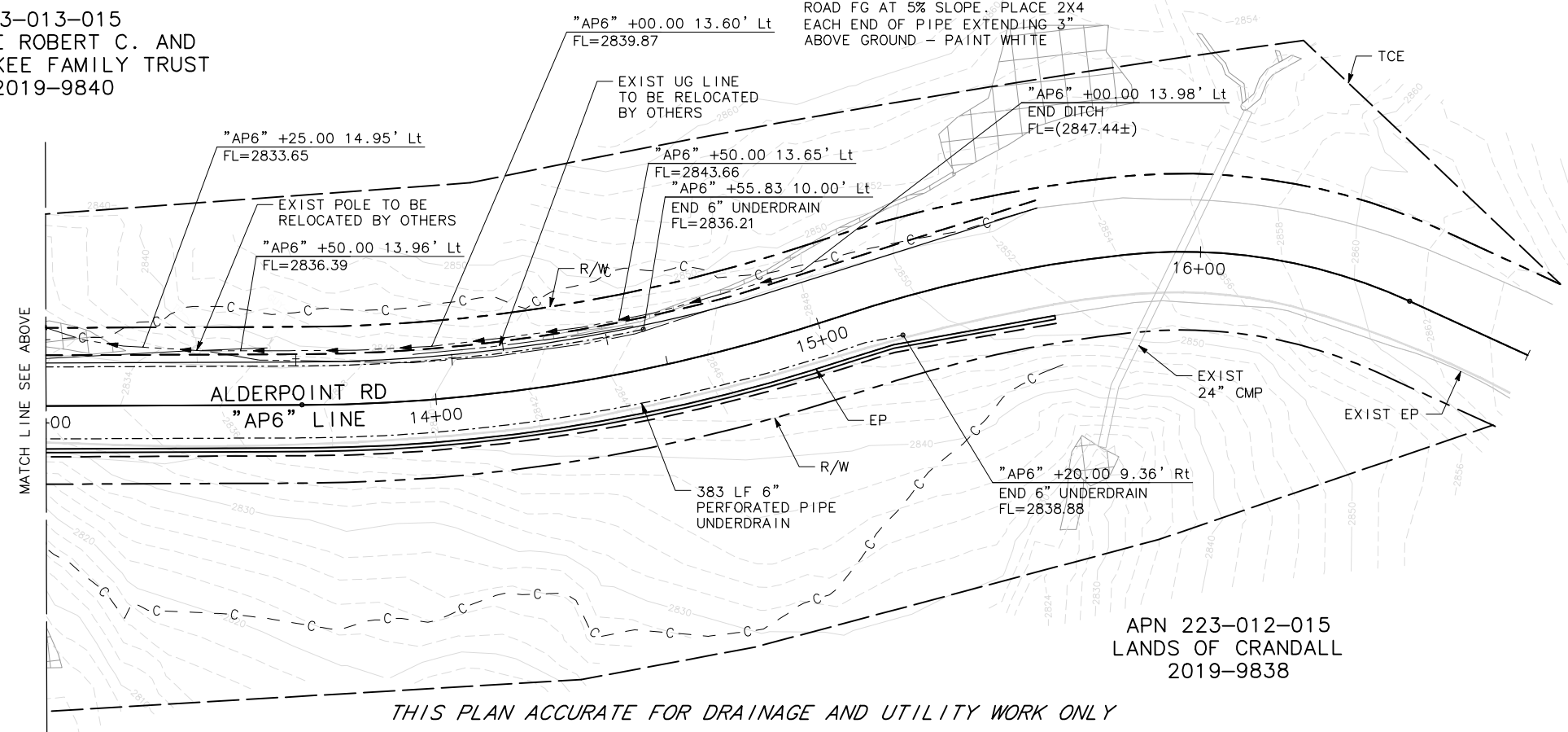
ROAD NAME: ALDERPOINT ROAD	MILE POST: 6.98
ROAD NO: F6B165	EA NO:
PROJECT NO: ER-32LO(278)	BRIDGE NO: N/A
CONTRACT NO: 217255	DRAWING FILE NAME:
PLOT DATE: FEBRUARY 2023	REVISION DATE:

MARK THOMAS
DESIGNED BY: FL
DRAWN BY: FL
REVIEWED BY: GH
APPROVED BY: EM

APN 223-013-015
LANDS OF THE ROBERT C. AND
VALERY W. MCKEE FAMILY TRUST
DOC. 2019-9840

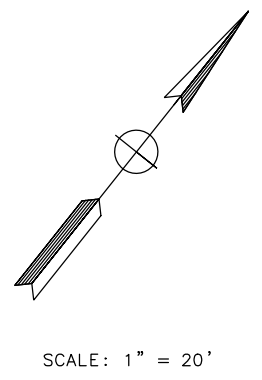
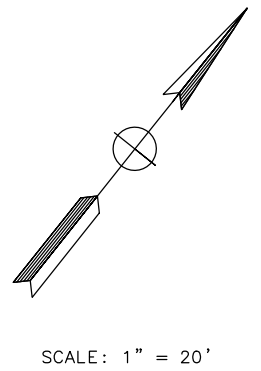


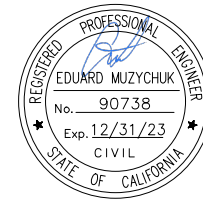
APN 223-013-015
LANDS OF THE ROBERT C. AND
VALERY W. MCKEE FAMILY TRUST
DOC. 2019-9840



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

THIS PLAN ACCURATE FOR DRAINAGE AND UTILITY WORK ONLY



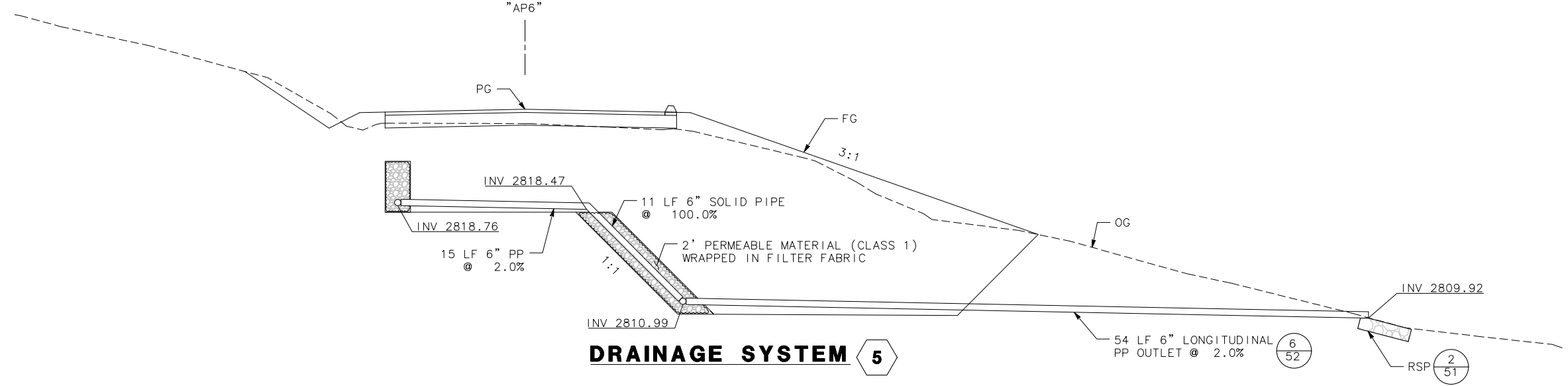
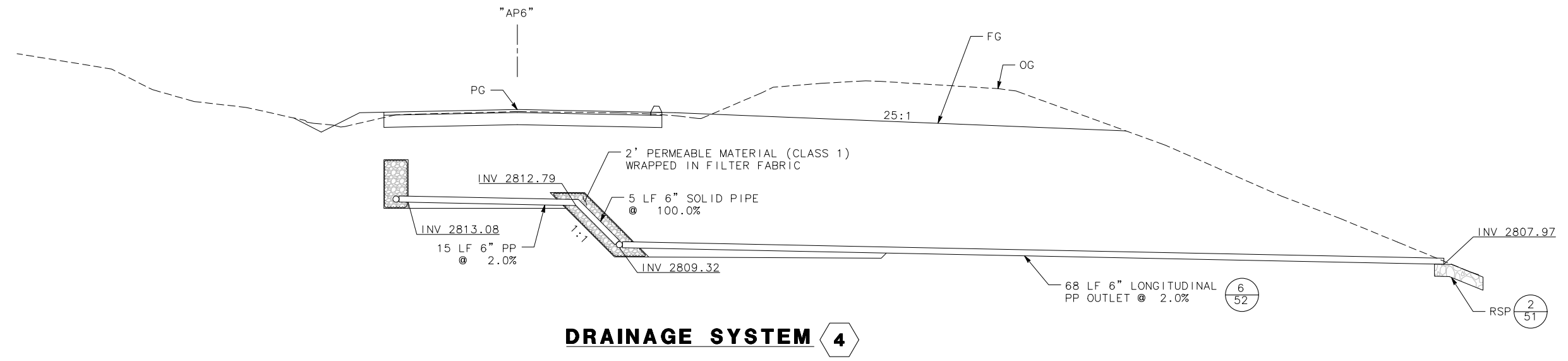
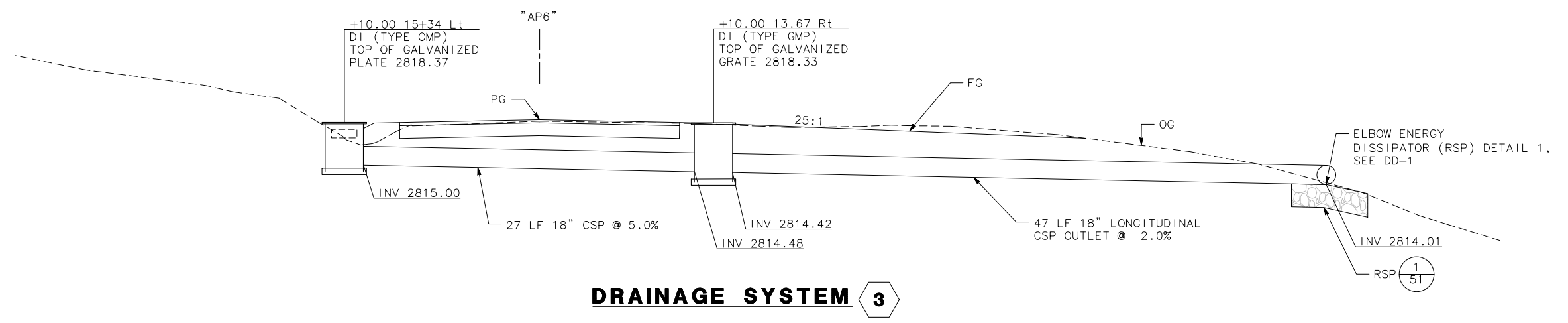


ROAD NAME: ALDERPOINT ROAD	MILE POST: 6.98
ROAD NO: F6B165	EA NO:
PROJECT NO: ER-32LO(278)	BRIDGE NO: N/A
CONTRACT NO: 217255	DRAWING FILE NAME:
PLOT DATE: FEBRUARY 2023	REVISION DATE:

DESIGNED BY: FL
DRAWN BY: FL
REVIEWED BY: GH
APPROVED BY: EM

- NOTES:**
- FOR JOINT RESTRAINT ASSEMBLY DETAILS NOT SHOWN, SEE CALTRANS STANDARD PLAN D87B.
 - FOR TRENCH DETAILS NOT SHOWN, SEE CALTRANS STANDARD PLAN A62F.
 - DRAINAGE INLETS TO HAVE GALVANIZED GRATES OR PLATES.
 - METAL PIPE JOINTS SHALL BE WATERTIGHT.
 - FOR DRAINAGE INLET (TYPE OMP) DETAILS NOT SHOWN, SEE CALTRANS STANDARD PLAN D75A.
 - FOR ANCHOR ASSEMBLY AND CABLE ANCHORAGE SYSTEM DETAILS NOT SHOWN, SEE CALTRANS STANDARD PLAN D87A AND D87C.
 - PIPE INLETS MUST BE PROTECTED WITH BITUMINOUS OR POLYMERIC SHEET COATING.
 - 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)

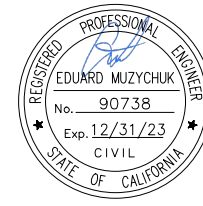


NOTES:

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

LEGEND:

-  DRY SEED AND STRAW WITH
-  ROLLED EROSION CONTROL PRODUCT (RECP)
-  EXISTING WETLANDS
-  FIBER ROLL
-  TEMP HIGH VISIBILITY FENCE
-  TEMP SILT FENCE
-  TEMP CHECK DAM
-  TEMP CONSTRUCTION ENTRANCE
-  TEMP DRAINAGE INLET PROTECTION

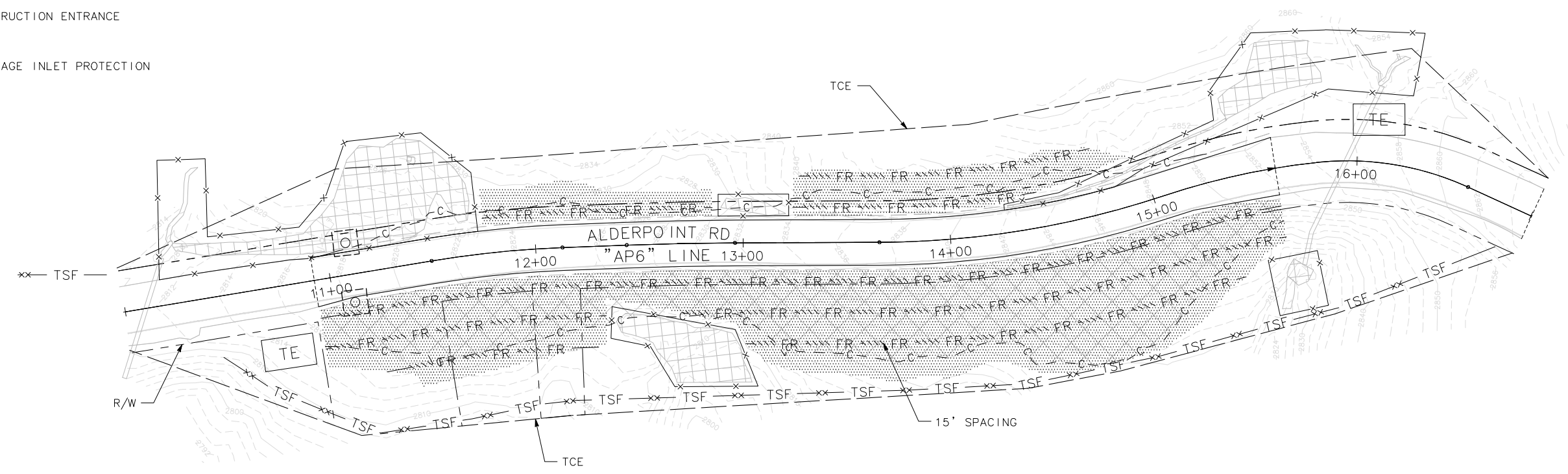
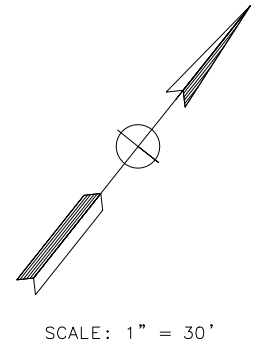


ROAD NAME: ALDERPOINT ROAD	MILE POST: 6.98
ROAD NO: F6B165	EA NO:
PROJECT NO.: ER-32LO(278)	BRIDGE NO: N/A
CONTRACT NO.: 217255	DRAWING FILE NAME:
PLOT DATE: FEBRUARY 2023	REVISION DATE:

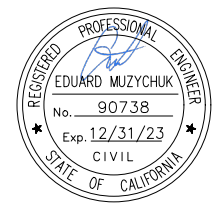
MARK THOMAS
DESIGNED BY: FL
DRAWN BY: FL
REVIEWED BY: GH
APPROVED BY: EM

COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS
ALDERPOINT RD STORM DAMAGE (PM 6.98)
EROSION CONTROL

SHEET
20
OF
52



THIS PLAN ACCURATE FOR EROSION CONTROL ONLY



ROAD NAME: ALDERPOINT ROAD	MILE POST: 6.98
ROAD NO.: F6B165	EA NO.:
PROJECT NO.: ER-32LO(278)	BRIDGE NO: N/A
CONTRACT NO.: 217255	DRAWING FILE NAME:
PLOT DATE: FEBRUARY 2023	REVISION DATE:

MARK THOMAS
DESIGNED BY: FL
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REVIEWED BY: GH
APPROVED BY: EM

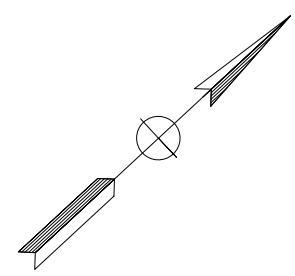
CONSTRUCTION SITE 2:

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

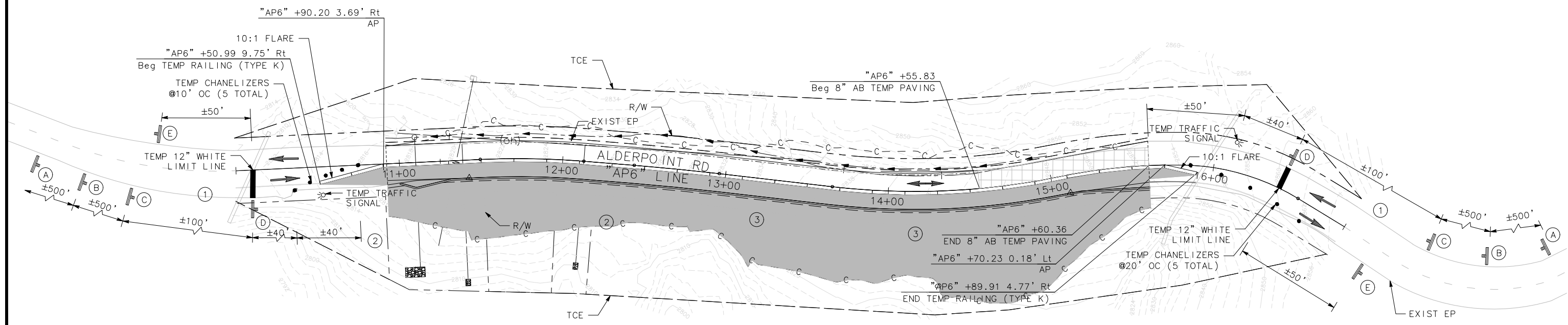
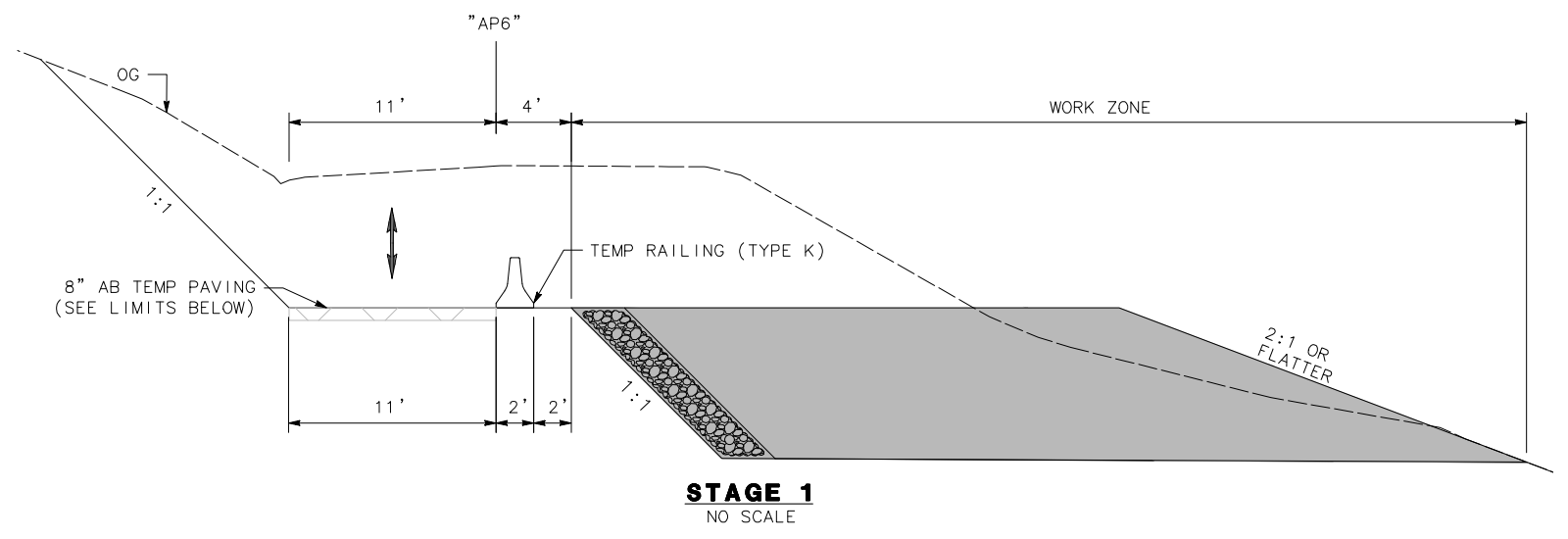
TRAFFIC SITE 2:

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.

CONSTRUCTION AREA SIGNS		
SIGN LETTER	SIGN CODE	SIGN MESSAGE
A	W20-1	ROAD WORK AHEAD
B	W20-4	ONE LANE ROAD AHEAD
	W13-1P	20 MPH
C	W3-3	SIGNAL AHEAD SYMBOL
D	R8-10	STOP HERE ON RED
E	G20-2	END ROAD WORK



SCALE: 1' = 30"



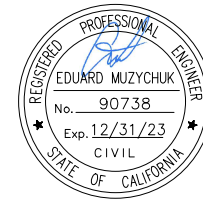
ALDERPOINT PM 6.98 TRAFFIC CONTROL PLAN

THIS PLAN ACCURATE FOR STAGE CONSTRUCTION ONLY

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 61 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 61, A 3/8" 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 THE AFOREMENTIONED CONTROL POINT 61. THIS POINT BEARS S 59° 22' 29" W 995.07' FROM CONTROL POINT 65 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.



ROAD NAME: ALDERPOINT ROAD	MILE POST: 7.25
ROAD NO: F6B165	EA NO:
PROJECT NO.: ER-32L0(279)	BRIDGE NO: N/A
CONTRACT NO.: 217256	DRAWING FILE NAME:
PLOT DATE: FEBRUARY 2023	REVISION DATE:

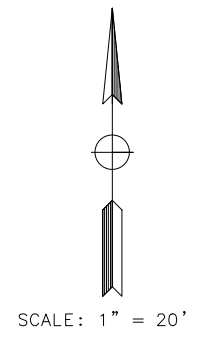
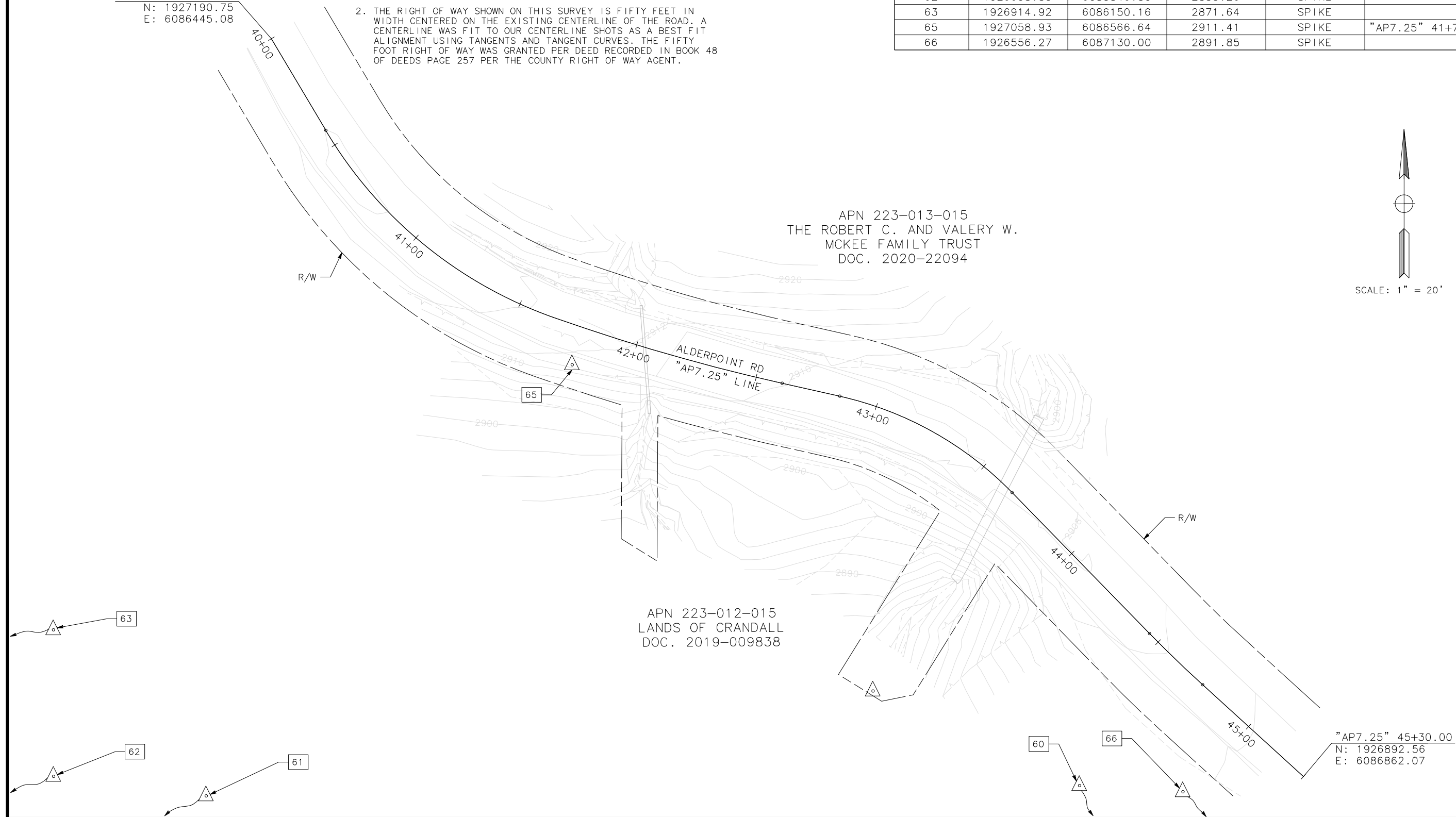
MARK THOMAS
 DESIGNED BY: KH
 DRAWN BY: KH
 REVIEWED BY: KD
 APPROVED BY: EM

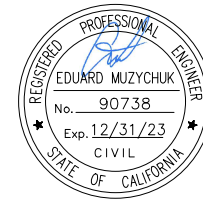
COUNTY OF HUMBOLDT
DEPARTMENT OF PUBLIC WORKS
ALDERPOINT RD STORM DAMAGE (PM 7.25)
PROJECT CONTROL

SHEET **22**
 OF **52**

POINT #	NORTHING	EASTING	ELEVATION	DESCRIPTION	STATION/OFFSET
60	1925975.51	6087209.71	2924.18	REBAR AND CAP	-
61	1926552.02	6085710.36	2823.34	REBAR AND CAP	-
62	1926698.35	6085846.30	2835.26	SPIKE	-
63	1926914.92	6086150.16	2871.64	SPIKE	-
65	1927058.93	6086566.64	2911.41	SPIKE	"AP7.25" 41+77.86 15.66' Rt
66	1926556.27	6087130.00	2891.85	SPIKE	-

"AP7.25" 40+00.00
 N: 1927190.75
 E: 6086445.08





ROAD NAME: ALDERPOINT ROAD	MILE POST: 7.25
ROAD NO: F6B165	EA NO:
PROJECT NO.: ER-32L0(279)	BRIDGE NO: N/A
CONTRACT NO.: 217256	DRAWING FILE NAME:
PLOT DATE: FEBRUARY 2023	REVISION DATE:

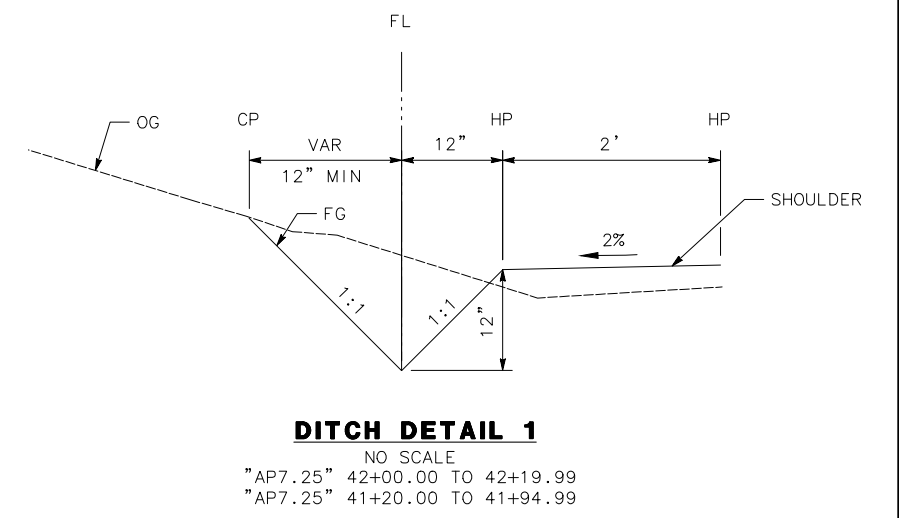
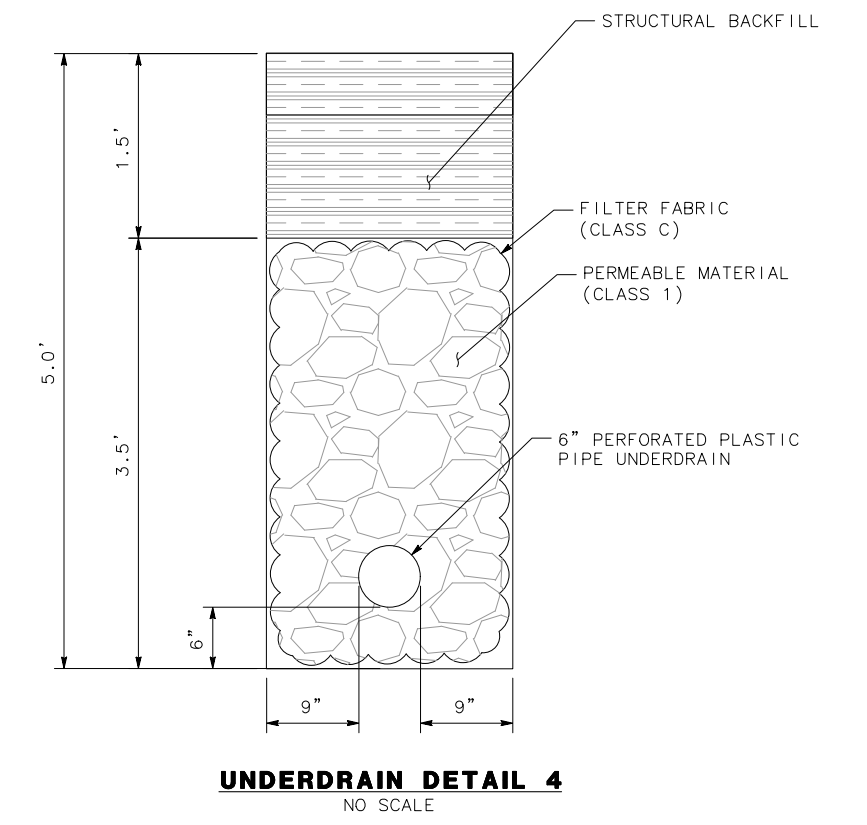
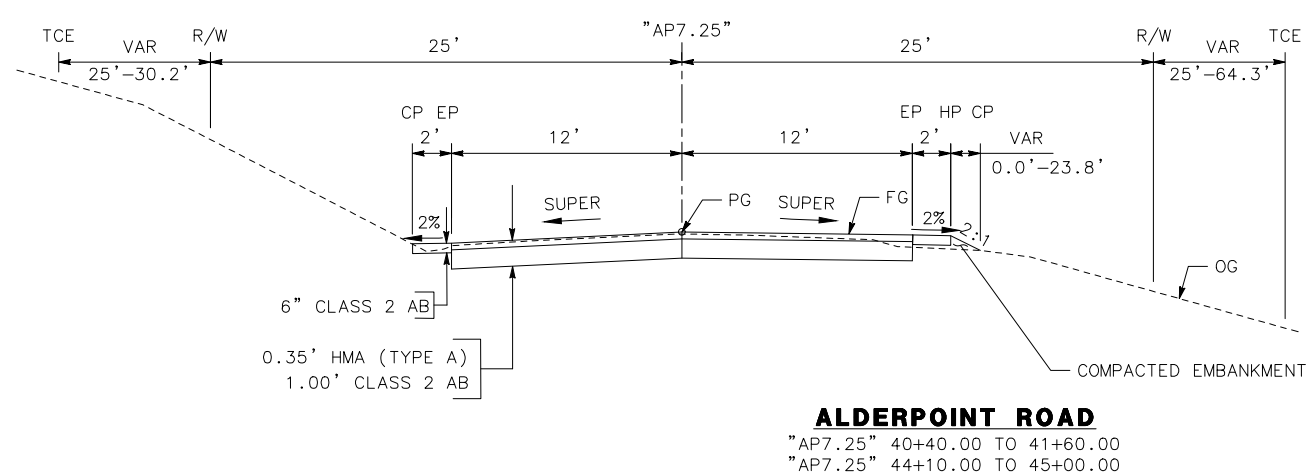
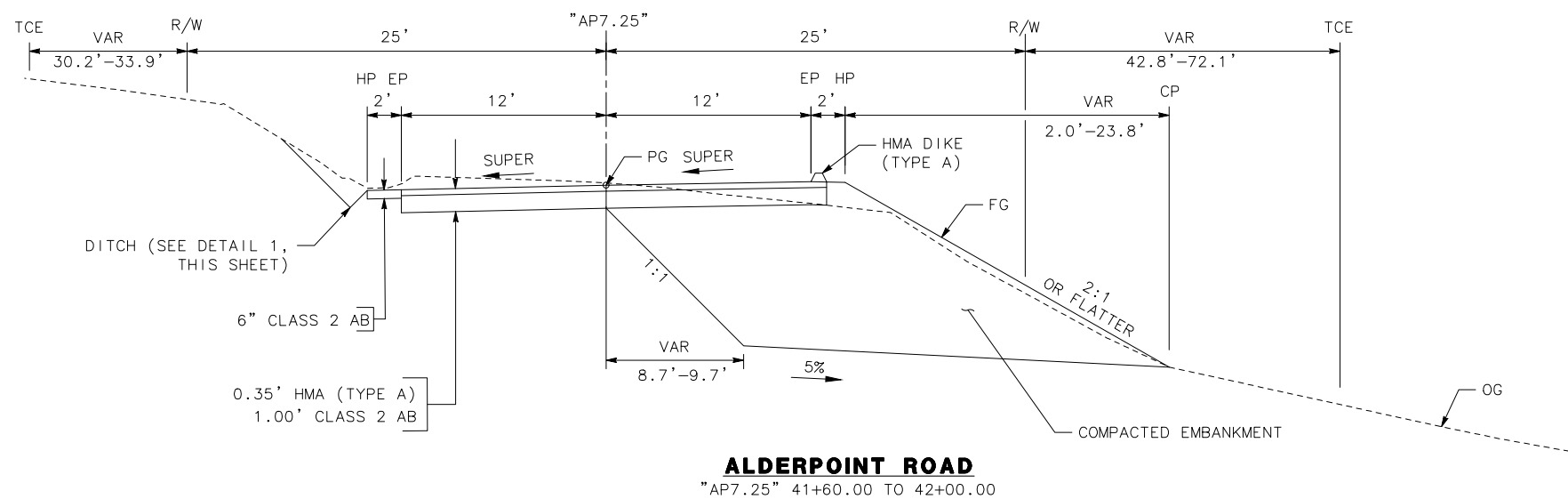
MARK THOMAS
DESIGNED BY: KH
DRAWN BY: KH
REVIEWED BY: KD
APPROVED BY: EM

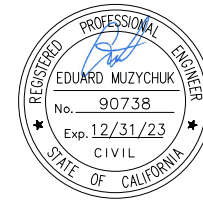
NOTES:

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

LEGEND

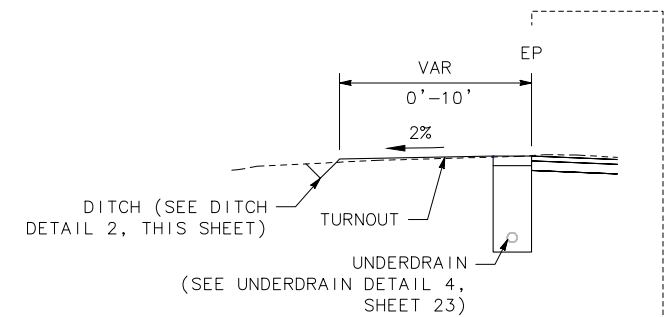
- PERMEABLE MATERIAL (CLASS 1)
- STRUCTURE BACKFILL (IMPERVIOUS COMPACTED SOIL)
- ROCK BUTTRESS (½ TON, METHOD A RSP)



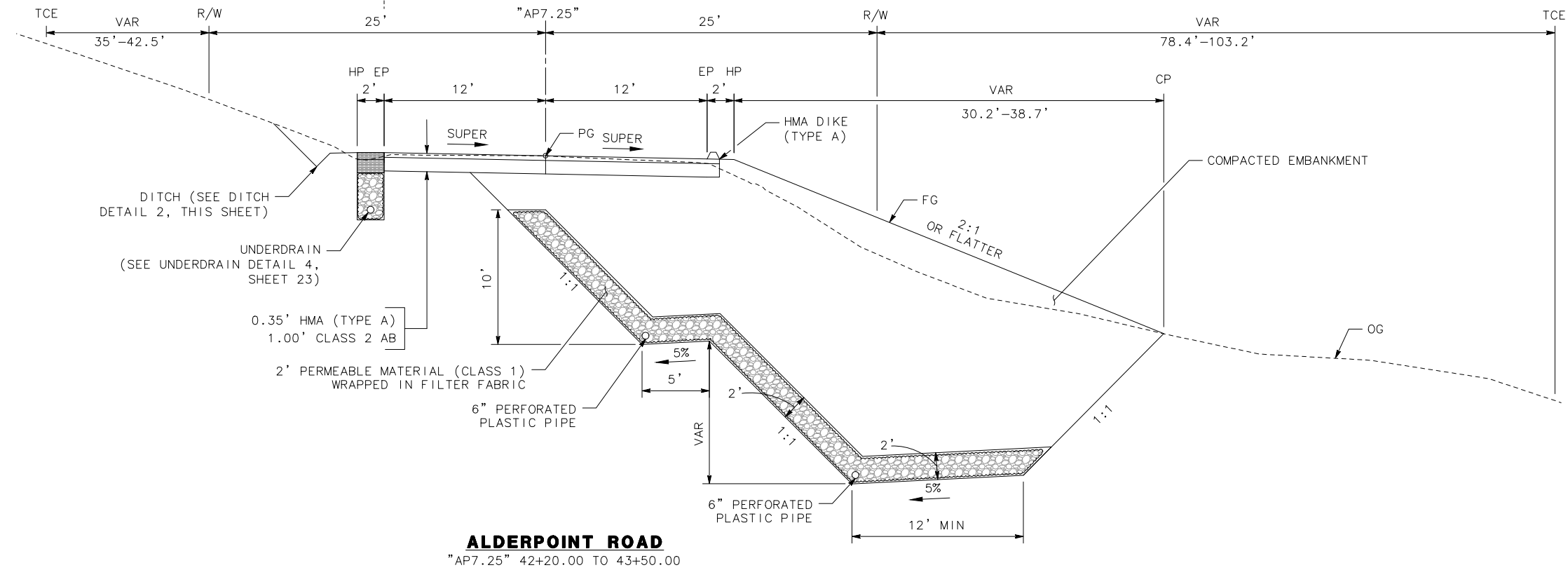


ROAD NAME: ALDERPOINT ROAD	MILE POST: 7.25
ROAD NO: F6B165	EA NO:
PROJECT NO.: ER-32L0(279)	BRIDGE NO: N/A
CONTRACT NO.: 217256	DRAWING FILE NAME:
PLOT DATE: FEBRUARY 2023	REVISION DATE:

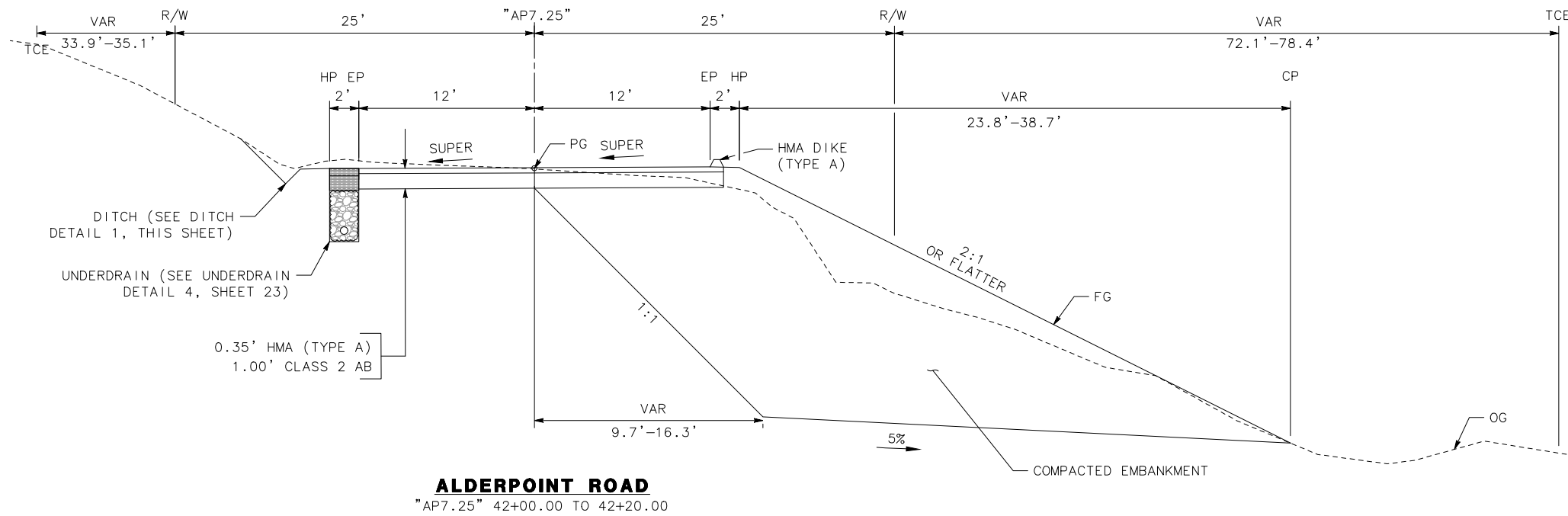
MARK THOMAS
DESIGNED BY: KH
DRAWN BY: KH
REVIEWED BY: KD
APPROVED BY: EM



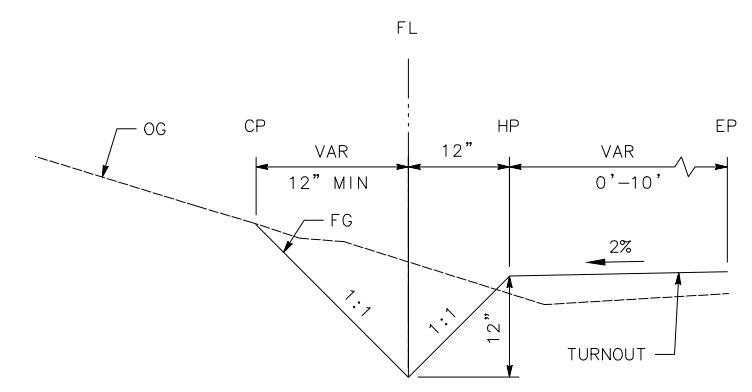
ALDERPOINT ROAD
SCALE: 1" = 5'
"AP7.25" 42+91.63 TO 44+04.29



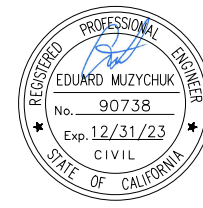
ALDERPOINT ROAD
"AP7.25" 42+20.00 TO 43+50.00



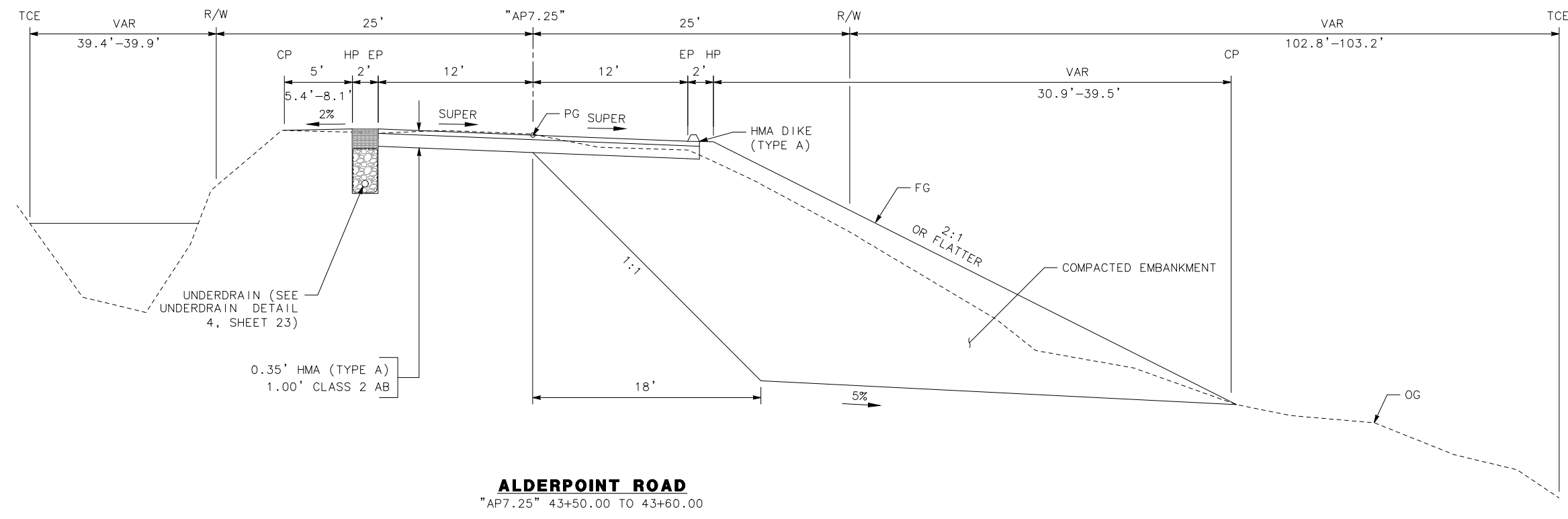
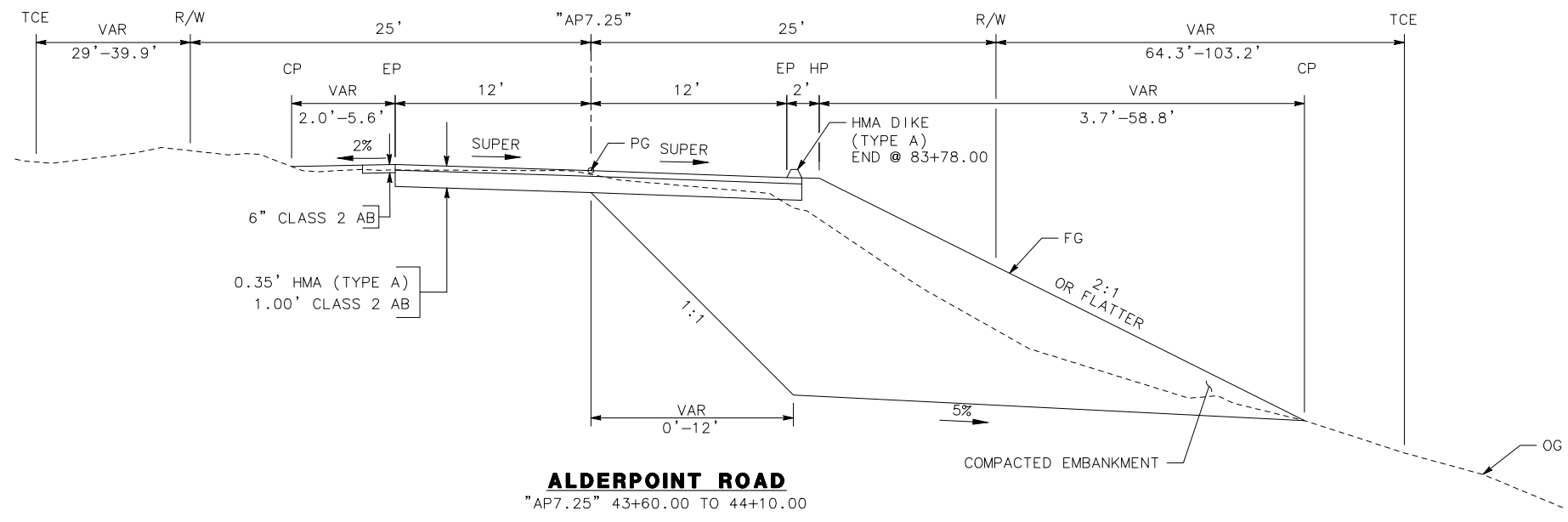
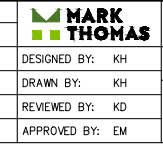
ALDERPOINT ROAD
"AP7.25" 42+00.00 TO 42+20.00



DITCH DETAIL 2
NO SCALE
"AP7.25" 42+20.00 TO 43+36.00



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



LEGEND

- SAWCUT
- - - C - - - CUT LINE
- - - F - - - FILL LINE
- RIGHT OF WAY
- TEMPORARY CONSTRUCTION EASEMENT (TCE)
- DRAINAGE EASEMENT
- [Grid Pattern] EXISTING WETLANDS
- [Rock Pattern] ROCK BUTTRESS (RSP 1/2 TON, METHOD A)
- [Tree Symbol] EXIST TREE
- [Tree with X] REMOVE EXIST TREE

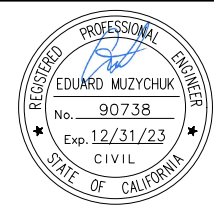
NOTE:

1. CA MUTCD CODES SHOWN AS DESIGNATED BY <CA> WHICH INDICATED A CALIFORNIA SIGN CODE. OTHERWISE, FEDERAL MUTCD CODES ARE SHOWN.

STRIPING LEGEND:

- [No.] PAVEMENT DELINEATION DETAIL
- [No.] EXIST PAVEMENT DELINEATION DETAIL
- [Triangle] MARKER BEG/END OF TRAFFIC STRIPE DETAIL
- [Triangle] TRAFFIC STRIPE ANGLE POINT
- [Triangle] ANGLE POINT
- [Circle] BC/EC/PCC

CURVE TABLE				
CURVE #	RADIUS	DELTA	TANGENT	LENGTH
C1	175.00'	39°45'31"	63.28'	121.44'
C2	800.00'	6°53'36"	48.18'	96.25'
C3	140.00'	33°05'52"	41.60'	80.87'
C4	500.00'	3°24'40"	14.89'	29.77'



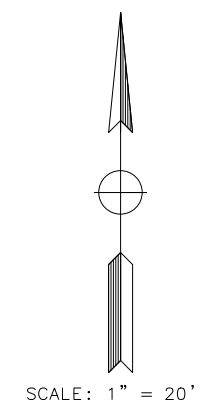
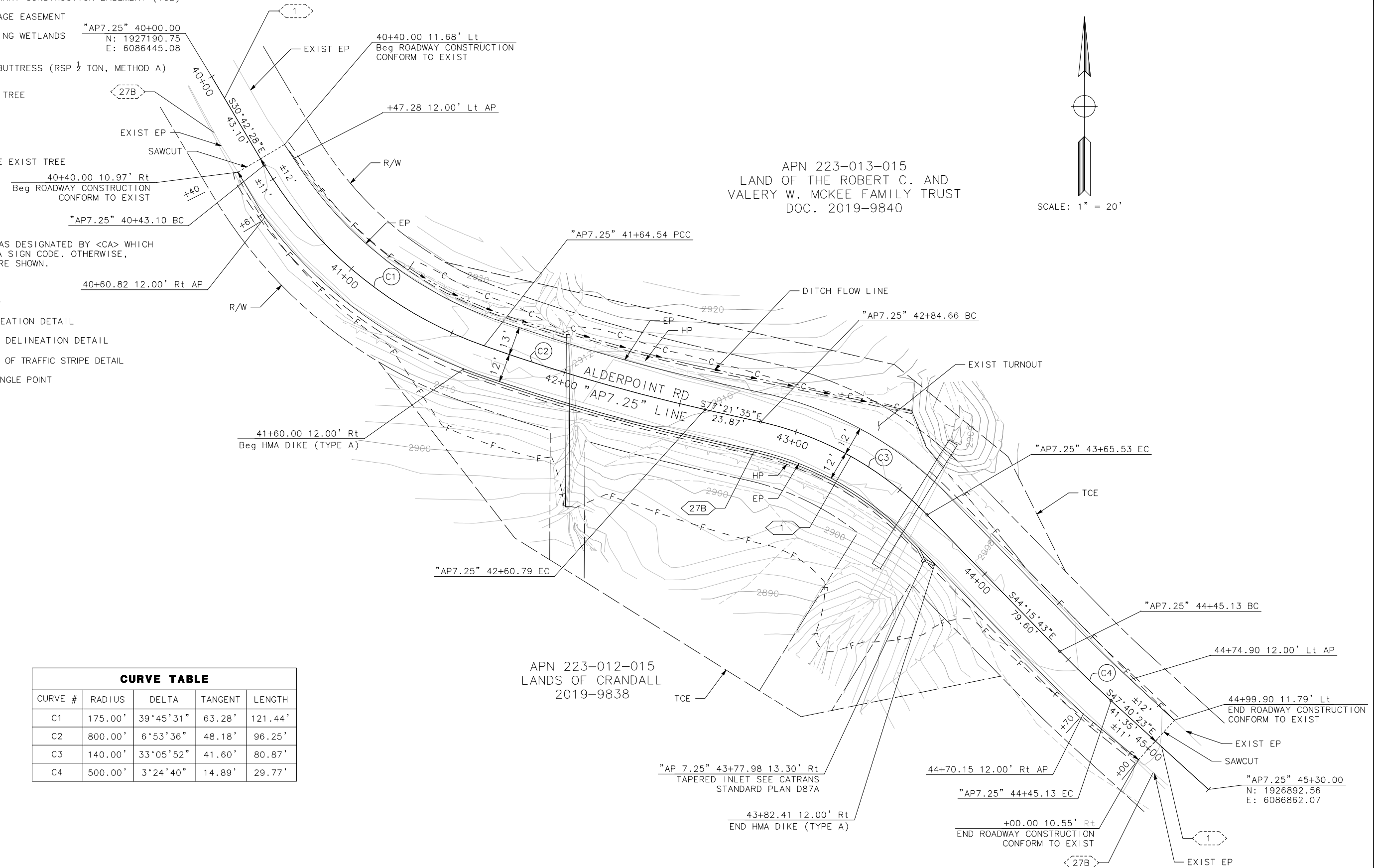
ROAD NAME: ALDERPOINT ROAD	MILE POST: 7.25
ROAD NO: F6B165	EA NO:
PROJECT NO: ER-32L0(279)	BRIDGE NO: N/A
CONTRACT NO: 217256	DRAWING FILE NAME:
PLOT DATE: FEBRUARY 2023	REVISION DATE:

MARK THOMAS
DESIGNED BY: KH
DRAWN BY: KH
REVIEWED BY: KD
APPROVED BY: EM

COUNTY OF HUMBOLDT
DEPARTMENT OF PUBLIC WORKS
ALDERPOINT RD STORM DAMAGE (PM 7.25)

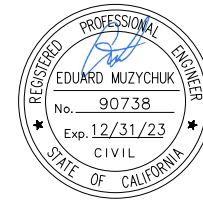
SHEET **26**
 OF **52**

LAYOUT



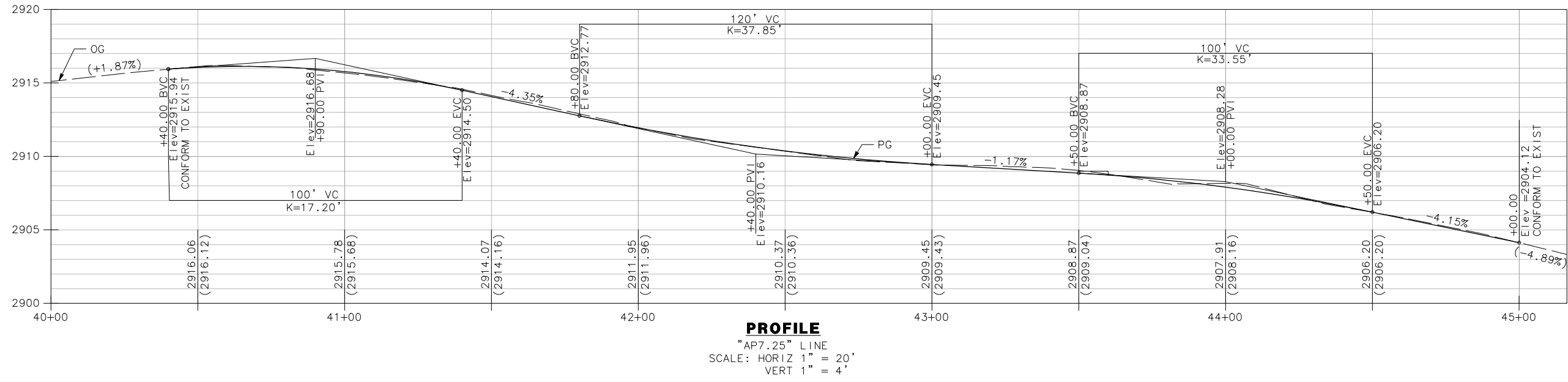
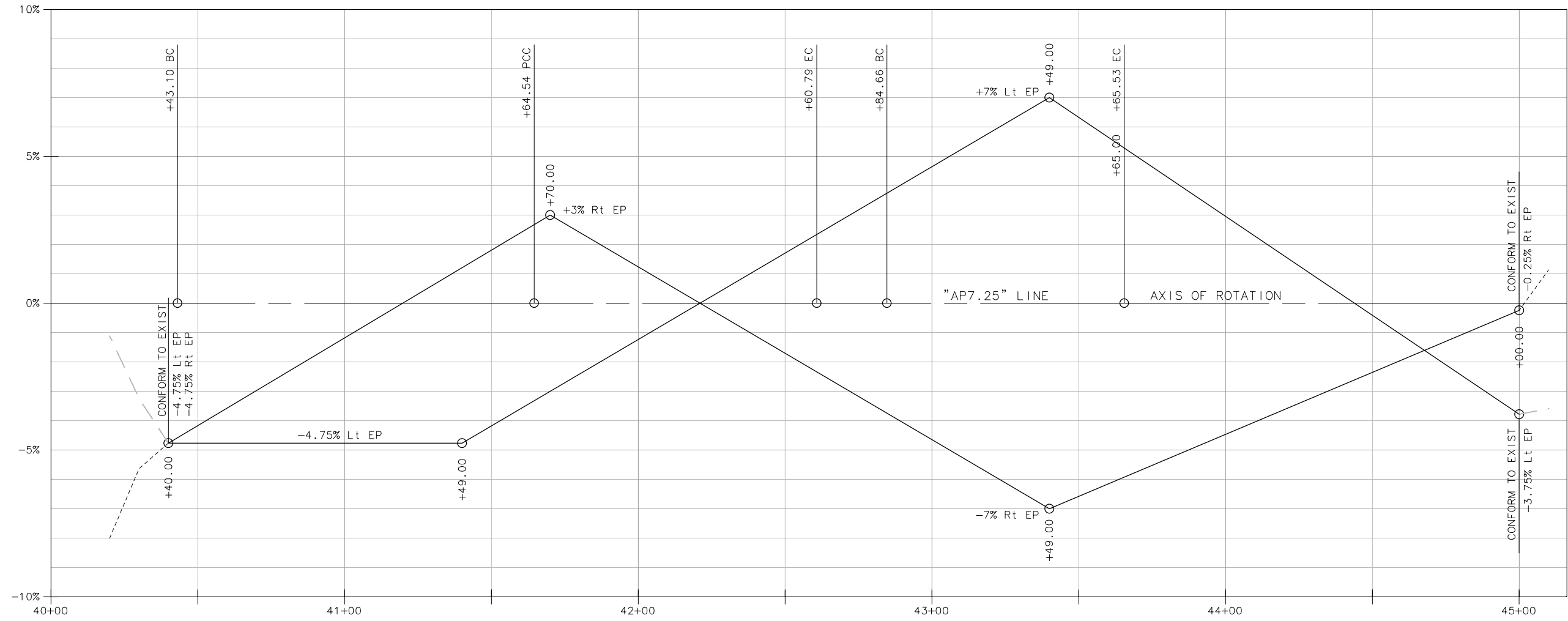
APN 223-013-015
 LAND OF THE ROBERT C. AND
 VALERY W. MCKEE FAMILY TRUST
 DOC. 2019-9840

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



BAR IS ONE INCH ON ORIGINAL DRAWING	ROAD NAME: ALDERPOINT ROAD	MILE POST: 7.25
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	ROAD NO: F6B165	EA NO:
	PROJECT NO.: ER-32L0(279)	BRIDGE NO: N/A
	CONTRACT NO.: 217256	DRAWING FILE NAME:
	PLOT DATE: FEBRUARY 2023	REVISION DATE:

MARK THOMAS
DESIGNED BY: KH
DRAWN BY: KH
REVIEWED BY: KD
APPROVED BY: EM

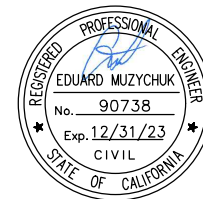


NOTES:

- FOR UNDERDRAIN DETAILS NOT SHOWN, SEE CALTRANS STANDARD PLAN D102.
- FOR TAPERED INLET AND FLUME DOWNDRAIN DETAILS NOT SHOWN, SEE CALTRANS STANDARD PLAN D87A.

LEGEND:

- (oh) EXIST OVERHEAD TELEPHONE LINE
- EXIST TELEPHONE POLE
- EXIST UNDERGROUND TELEPHONE LINE
- PERFORATED PIPE UNDERDRAIN
- SD SOLID STORM DRAIN PIPE
- DITCH FLOW LINE
- EXISTING WETLANDS
- RSP (20 LB, CLASS 1, METHOD B)
- ROCK BUTTRESS (RSP 1/2 TONS, METHOD A)
- DRAINAGE NO.



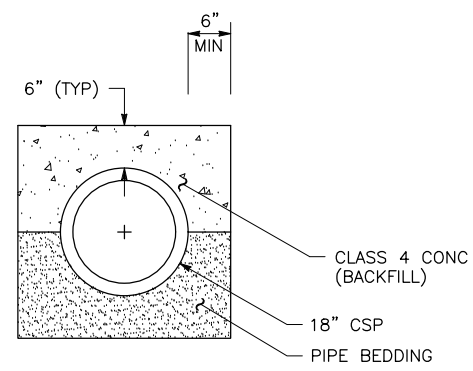
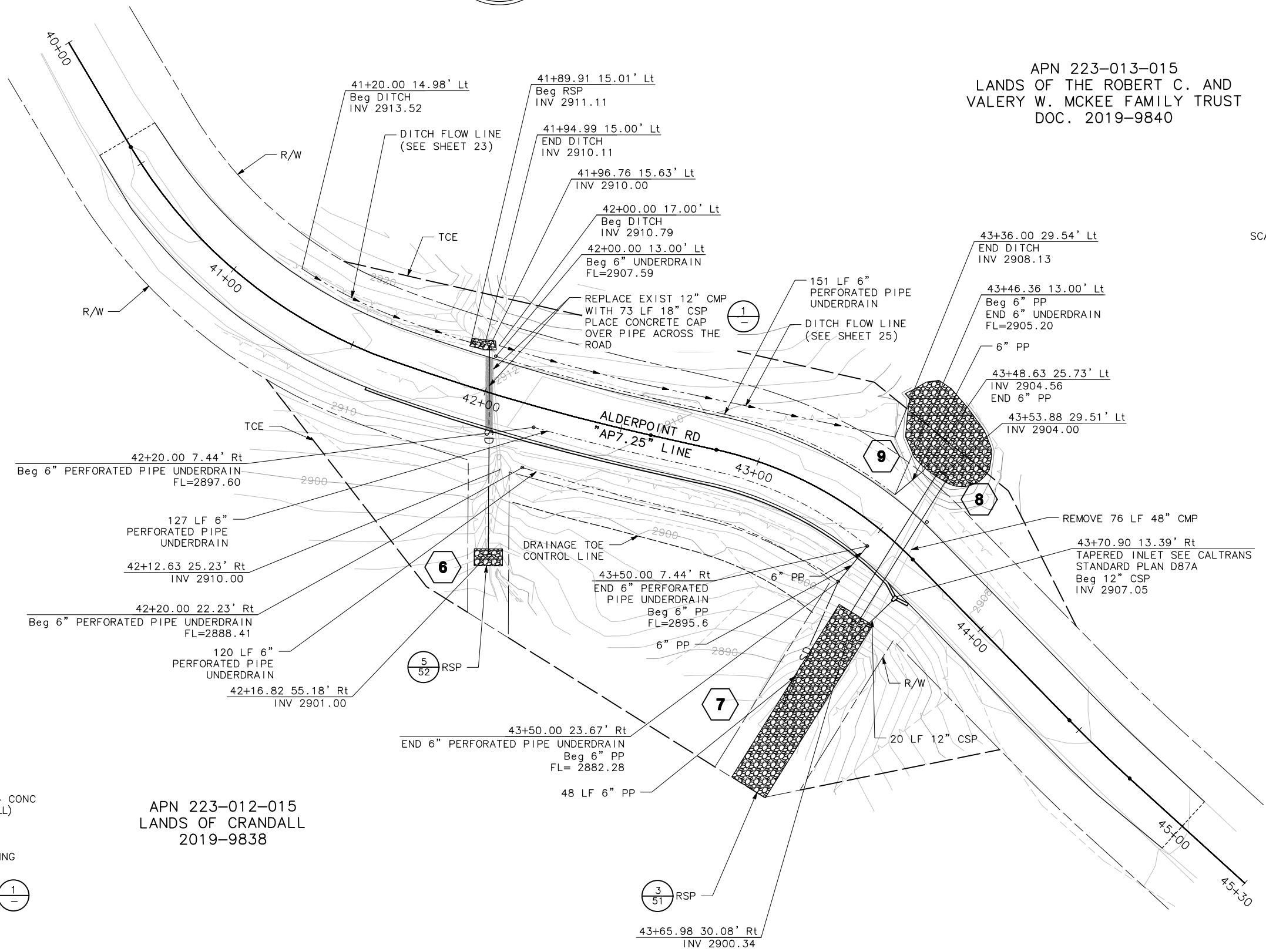
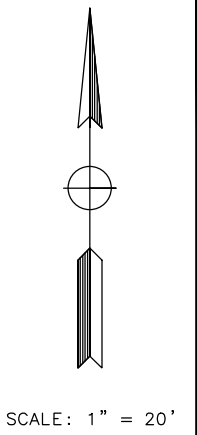
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ROAD NO: F68165	EA NO:
PROJECT NO: ER-32L0(279)	BRIDGE NO: N/A
CONTRACT NO: 217256	DRAWING FILE NAME:
PLOT DATE: FEBRUARY 2023	REVISION DATE:

MARK THOMAS
DESIGNED BY: KH
DRAWN BY: KH
REVIEWED BY: KD
APPROVED BY: EM

COUNTY OF HUMBOLDT
DEPARTMENT OF PUBLIC WORKS
ALDERPOINT RD STORM DAMAGE (PM 7.25)
DRAINAGE AND UTILITIES PLAN

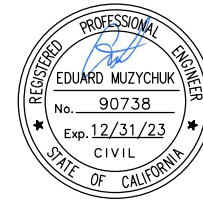
SHEET **28**
OF
52

APN 223-013-015
LANDS OF THE ROBERT C. AND
VALERY W. MCKEE FAMILY TRUST
DOC. 2019-9840



CONCRETE CAP DETAIL (1/-)
NO SCALE

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



ROAD NAME: ALDERPOINT ROAD	MILE POST: 7.25
ROAD NO: F6B165	EA NO:
PROJECT NO.: ER-32L0(279)	BRIDGE NO: N/A
CONTRACT NO.: 217256	DRAWING FILE NAME:
PLOT DATE: FEBRUARY 2023	REVISION DATE:

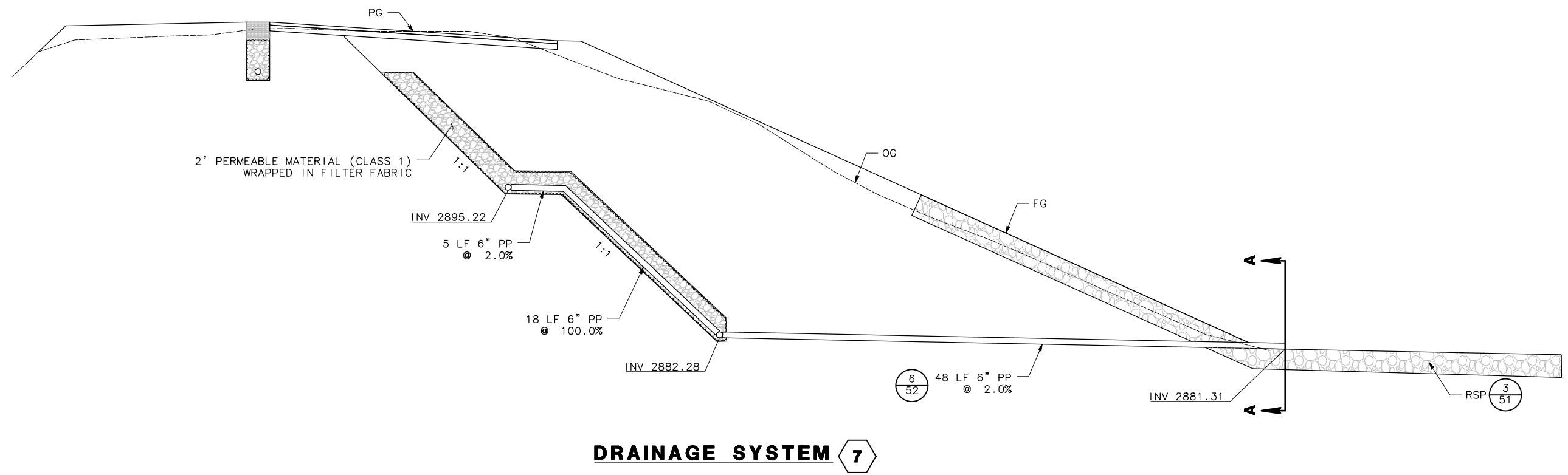
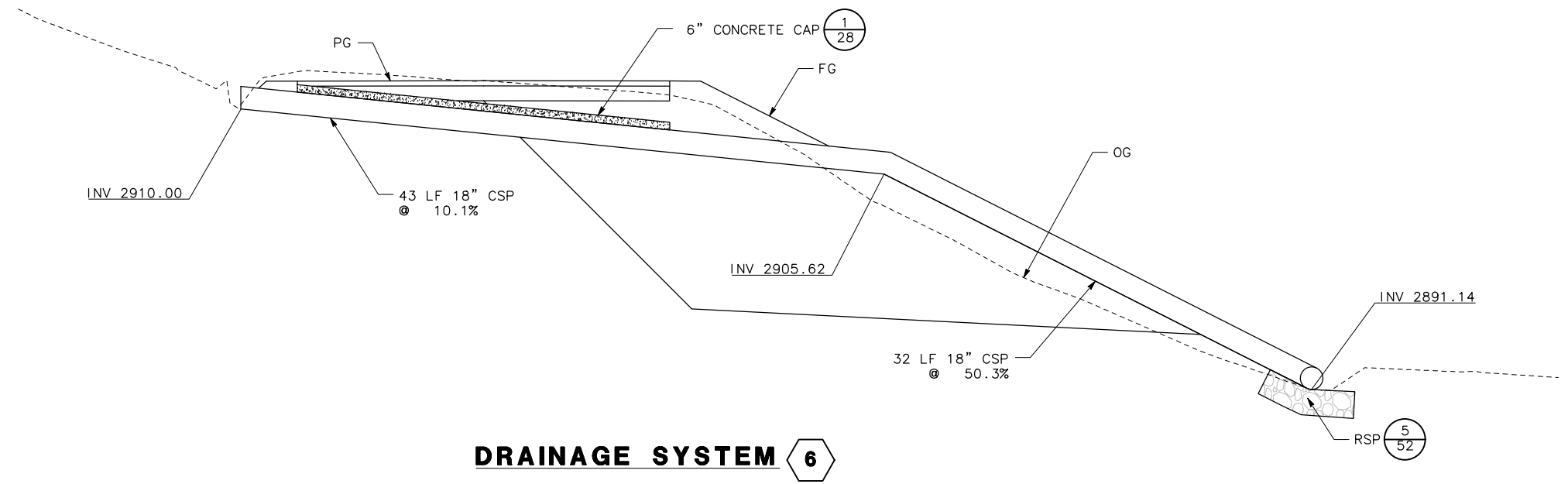
MARK THOMAS
DESIGNED BY: KH
DRAWN BY: KH
REVIEWED BY: KD
APPROVED BY: EM

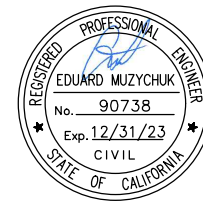
COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS
ALDERPOINT RD STORM DAMAGE (PM 7.25)
DRAINAGE PROFILES

SHEET
29
OF
52

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

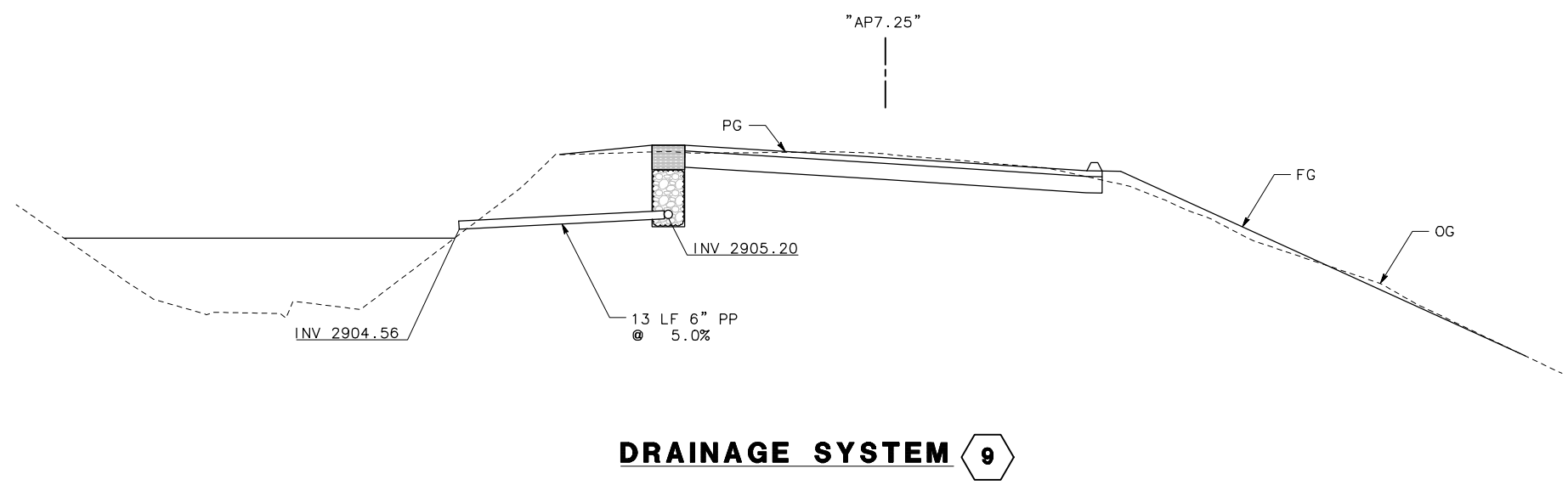
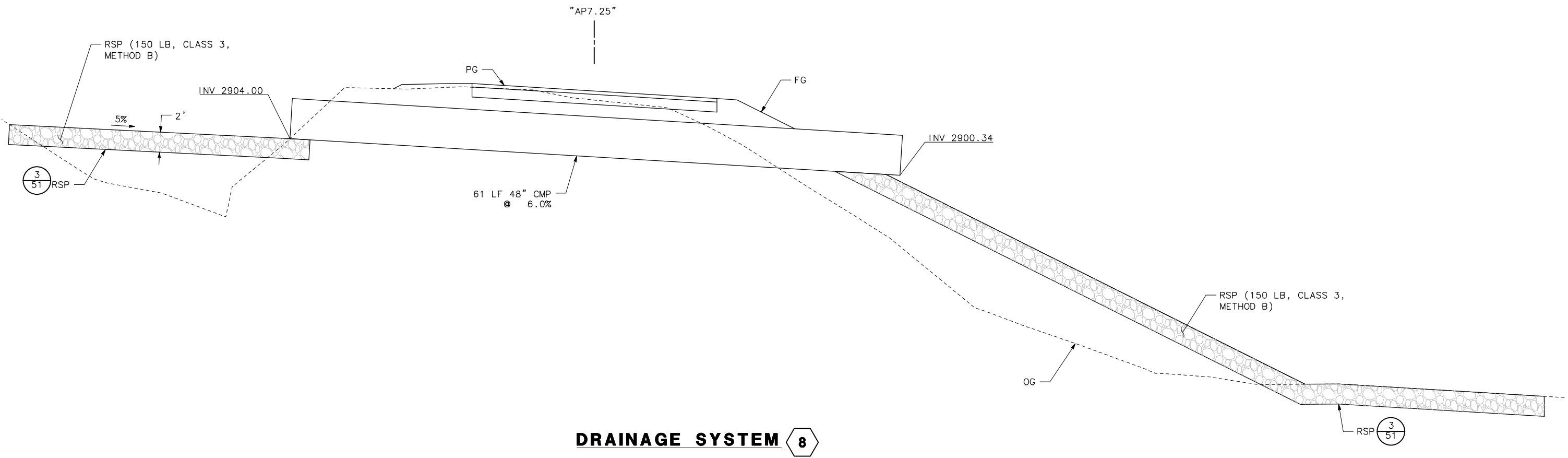
- LEGEND**
- PERMEABLE MATERIAL (CLASS 1)
 - IMPERVIOUS COMPACTED SOIL
 - RSP (20 LB, CLASS 1, METHOD B)





ROAD NAME: ALDERPOINT ROAD	
ROAD NO: F68165	MILE POST: 7.25
PROJECT NO.: ER-32L0(279)	EA NO:
CONTRACT NO.: 217256	BRIDGE NO: N/A
DRAWING FILE NAME:	
PLOT DATE: FEBRUARY 2023	REVISION DATE:




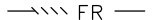





MARK THOMAS
DESIGNED BY: KH
DRAWN BY: KH
REVIEWED BY: KD
APPROVED BY: EM

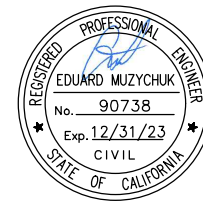


NOTES:

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

LEGEND:

-  DRY SEED AND STRAW WITH
-  ROLLED EROSION CONTROL PRODUCT (RECP)
-  EXISTING WETLANDS
-  FR — FIBER ROLL
-  —x— TEMP HIGH VISIBILITY FENCE
-  —xx— TSF — TEMP SILT FENCE
-  —CD— TEMP CHECK DAM
-  TE TEMP CONSTRUCTION ENTRANCE
-  [O] TEMP DRAINAGE INLET PROTECTION

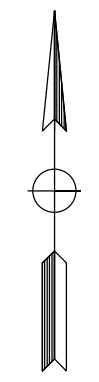
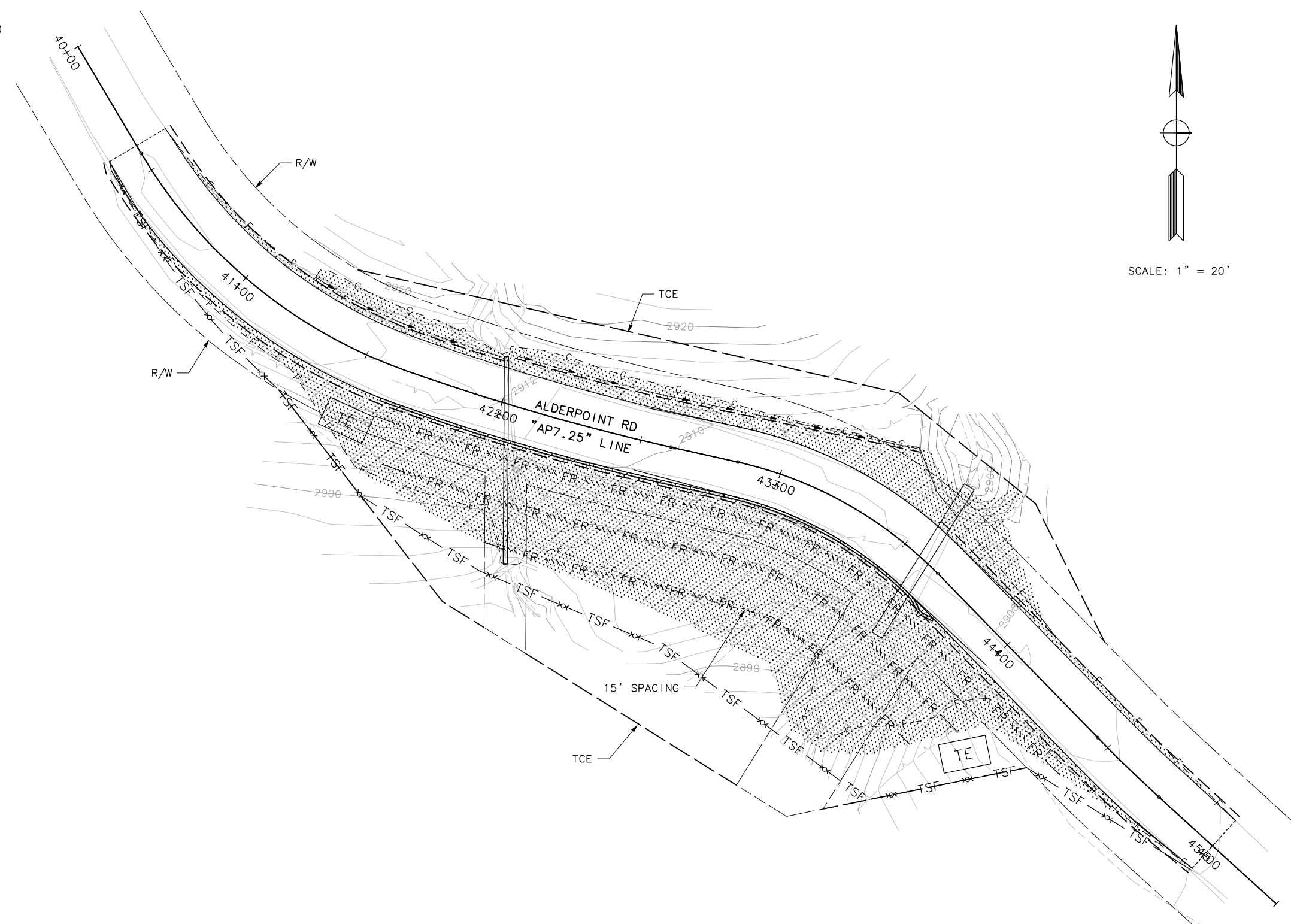


ROAD NAME: ALDERPOINT ROAD	MILE POST: 7.25
ROAD NO: F68165	EA NO:
PROJECT NO.: ER-32L0(279)	BRIDGE NO: N/A
CONTRACT NO.: 217256	DRAWING FILE NAME:
PLOT DATE: FEBRUARY 2023	REVISION DATE:

MARK THOMAS
DESIGNED BY: KH
DRAWN BY: KH
REVIEWED BY: KD
APPROVED BY: EM

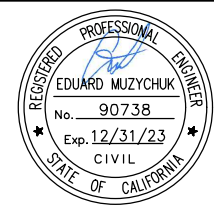
COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS
ALDERPOINT RD STORM DAMAGE (PM 7.25)
EROSION CONTROL

SHEET **31**
OF
52



SCALE: 1" = 20'

THIS PLAN ACCURATE FOR EROSION CONTROL ONLY



ROAD NAME: ALDERPOINT ROAD	MILE POST: 7.25
ROAD NO: F68165	EA NO:
PROJECT NO.: ER-32L0(279)	BRIDGE NO: N/A
CONTRACT NO.: 217256	DRAWING FILE NAME:
PLOT DATE: FEBRUARY 2023	REVISION DATE:

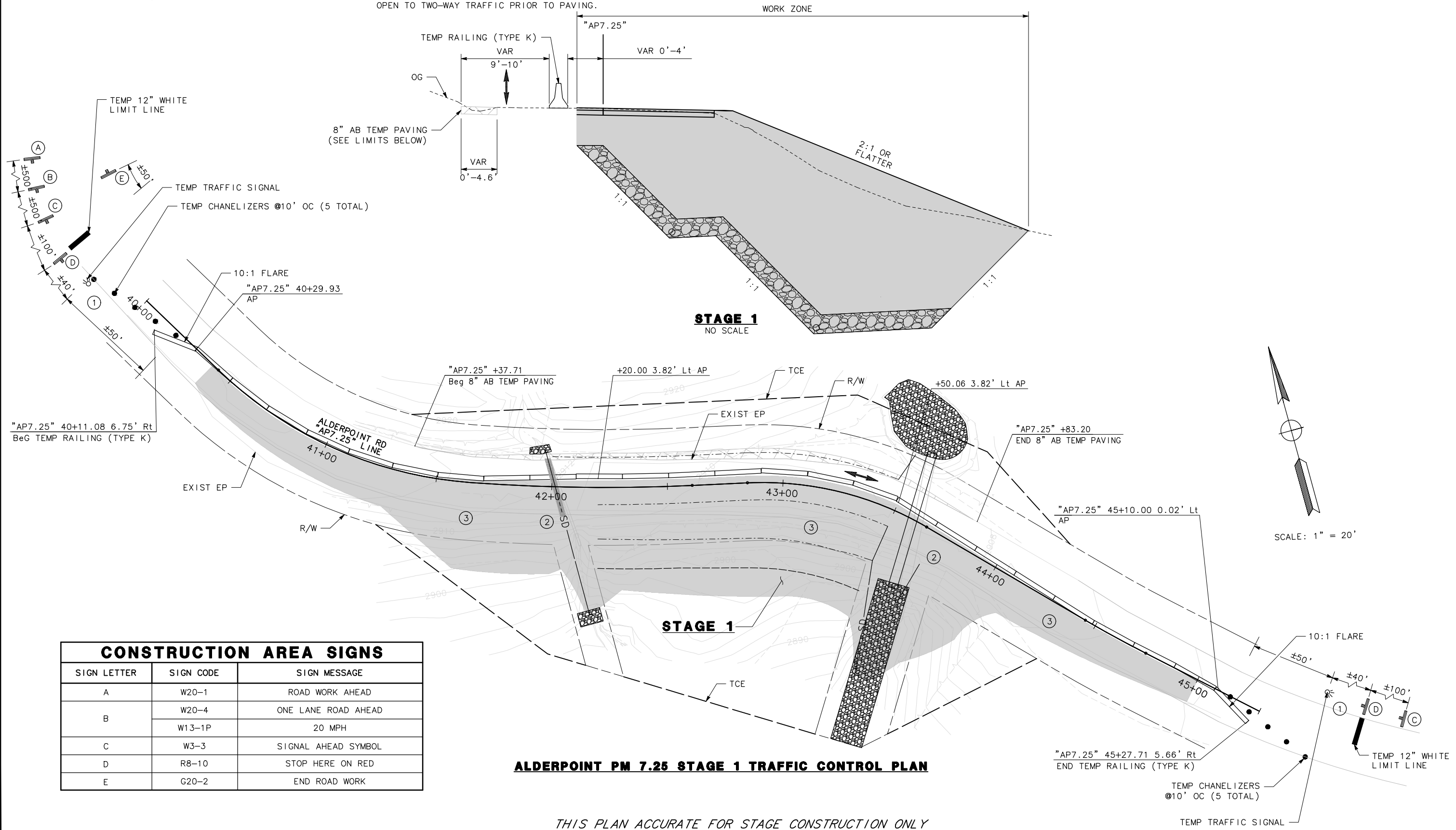
MARK THOMAS
DESIGNED BY: KH
DRAWN BY: KH
REVIEWED BY: KD
APPROVED BY: EM

CONSTRUCTION SITE 3:

- PAINT TEMP 12" WIDE WHITE LIMIT LINE, EACH DIRECTION. PLACE ADVANCED WARNING CONSTRUCTION AREA SIGNS AS SHOWN.
- REPLACE BOTH EXIST CMP.
- CONSTRUCT DRAINAGE BLANKET, EMBANKMENT, UNDER DRAINS, NEW PAVEMENT SECTION, AND OVERSIDE DRAIN PER PLANS.

TRAFFIC SITE 3:

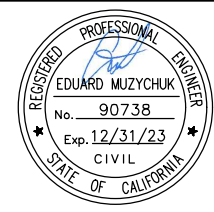
- ALLOW SINGLE-LANE CONTROLLED TRAFFIC AND PERIODIC TEMPORARY ROAD CLOSURES DURING CONSTRUCTION.
- PROVIDE MINIMUM NOTICE OF 2 WEEKS FOR CLOSURES LONGER THAN 15 MINUTES.
- "LOOSE GRAVEL" SIGNS ARE REQUIRED IF ROADWAY WILL BE OPEN TO TWO-WAY TRAFFIC PRIOR TO PAVING.



CONSTRUCTION AREA SIGNS		
SIGN LETTER	SIGN CODE	SIGN MESSAGE
A	W20-1	ROAD WORK AHEAD
B	W20-4	ONE LANE ROAD AHEAD
	W13-1P	20 MPH
C	W3-3	SIGNAL AHEAD SYMBOL
D	R8-10	STOP HERE ON RED
E	G20-2	END ROAD WORK

ALDERPOINT PM 7.25 STAGE 1 TRAFFIC CONTROL PLAN

THIS PLAN ACCURATE FOR STAGE CONSTRUCTION ONLY



ROAD NAME: ALDERPOINT ROAD	MILE POST: 7.25
ROAD NO: F68165	EA NO:
PROJECT NO.: ER-32L0(279)	BRIDGE NO: N/A
CONTRACT NO.: 217256	DRAWING FILE NAME:
PLOT DATE: FEBRUARY 2023	REVISION DATE:

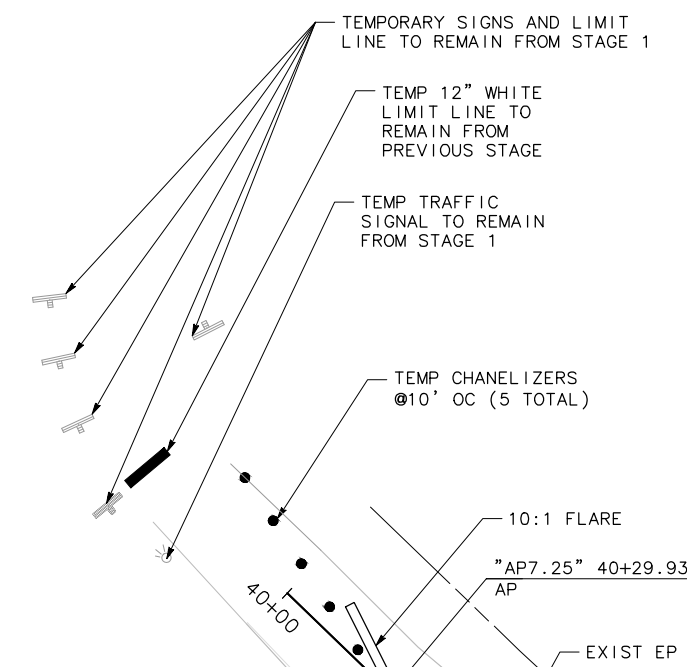
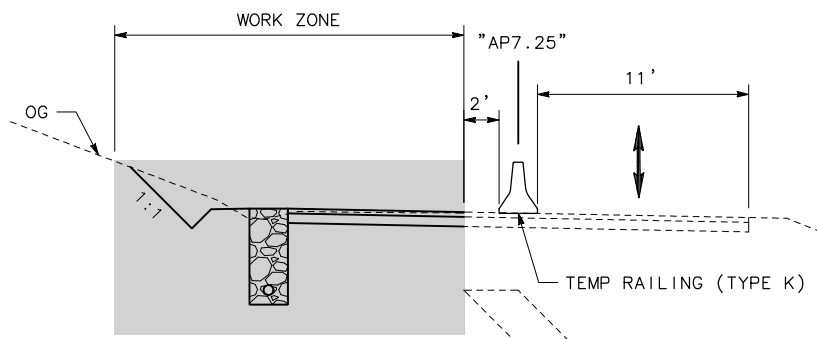
MARK THOMAS
DESIGNED BY: KH
DRAWN BY: KH
REVIEWED BY: KD
APPROVED BY: EM

CONSTRUCTION SITE 3:

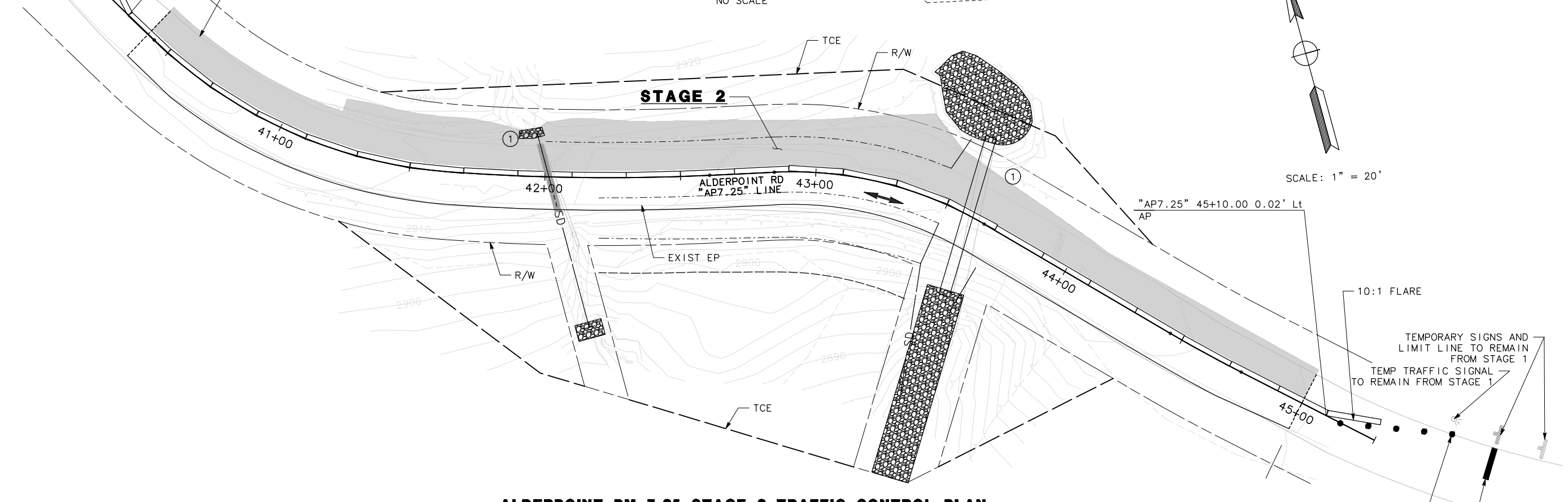
- REMOVE TEMPORARY PAVEMENT AREA, CONSTRUCT UNDER DRAINS AND OUTFALL PIPE

TRAFFIC SITE 3:

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



**STAGE 2
NO SCALE**

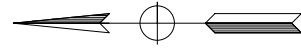


ALDERPOINT PM 7.25 STAGE 2 TRAFFIC CONTROL PLAN

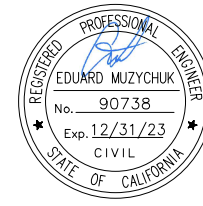
THIS PLAN ACCURATE FOR STAGE CONSTRUCTION ONLY

DATUM:

- 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 60 WAS HELD FOR HORIZONTAL POSITIONS SHOWN HEREON. THE MAPPING ANGLE IS 1 DEGREE 06 MINUTES 33 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 0.99984021 TO OBTAIN GROUND DISTANCES. MAPPING ANGLE AND GRID SCALE FACTOR ARE TAKEN AT CONTROL POINT NUMBER 60, A 3/8 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 2924.18 FEET WAS MEASURED AT THE AFOREMENTIONED CONTROL POINT 60. THIS POINT BEARS N 68° 58' 05" W 1606.37' FROM CONTROL POINT 61 SHOWN HEREON.
- 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.



SCALE: 1" = 10'

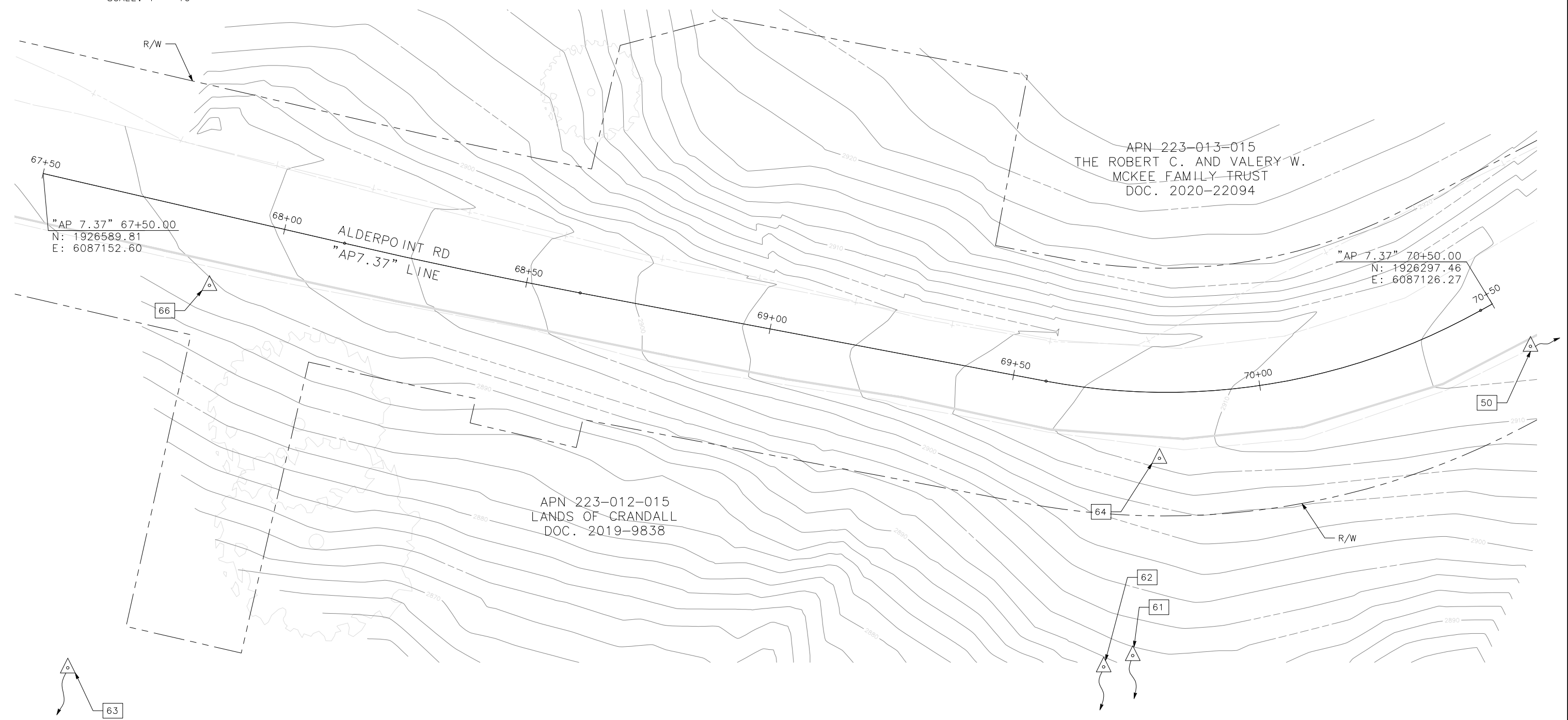


ROAD NAME: ALDERPOINT ROAD	MILE POST: 7.37
ROAD NO: F6B165	EA NO:
PROJECT NO.: ER-32LO(280)	BRIDGE NO: N/A
CONTRACT NO.: 217257	DRAWING FILE NAME:
PLOT DATE: FEBRUARY 2023	REVISION DATE:

MARK THOMAS
DESIGNED BY: EM
DRAWN BY: AM
REVIEWED BY: KD
APPROVED BY: EM

COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS	SHEET 34
ALDERPOINT RD STORM DAMAGE (PM 7.37)	OF
PROJECT CONTROL	52

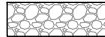


POINT #	NORTHING	EASTING	ELEVATION	DESCRIPTION	STATION/OFFSET
60	1925975.51	6087209.71	2924.18	REBAR AND CAP	-
61	1926552.02	6085710.36	2823.34	REBAR AND CAP	69+65.05 1409.67' Rt
62	1926698.35	6085846.30	2835.26	SPIKE	68+86.56 1300.16' Rt
63	1926914.92	6086150.16	2871.64	SPIKE	-
64	1926364.57	6087095.10	2909.09	SPIKE	69+79.84 13.32' Rt
66	1926556.27	6087130.00	2891.85	SPIKE	67+87.78 14.44' Rt

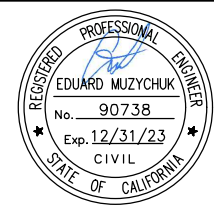


NOTES:

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.
6. SEE CALTRANS STANDARD P74 AND P76 FOR PAVEMENT EDGE TREATMENT DETAILS

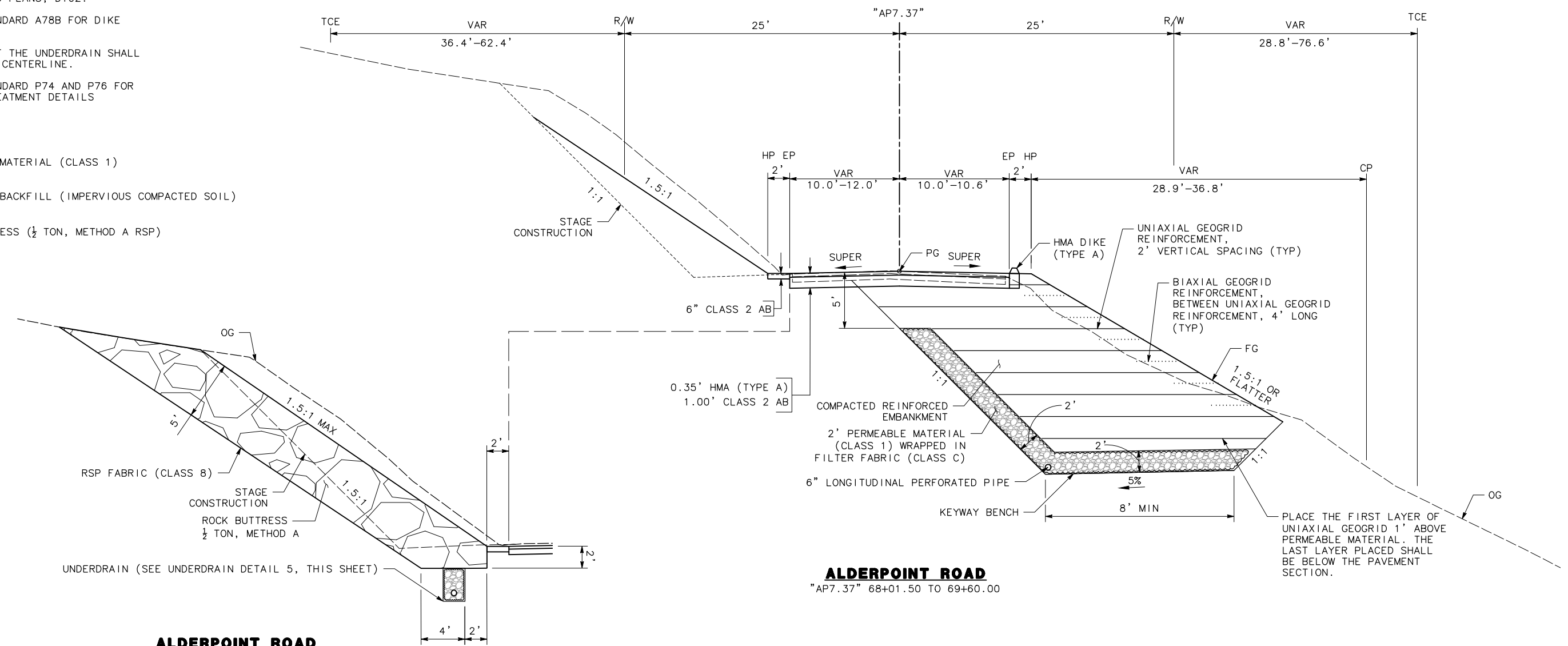
LEGEND

-  PERMEABLE MATERIAL (CLASS 1)
-  STRUCTURE BACKFILL (IMPERVIOUS COMPACTED SOIL)
-  ROCK BUTTRESS (1/2 TON, METHOD A RSP)



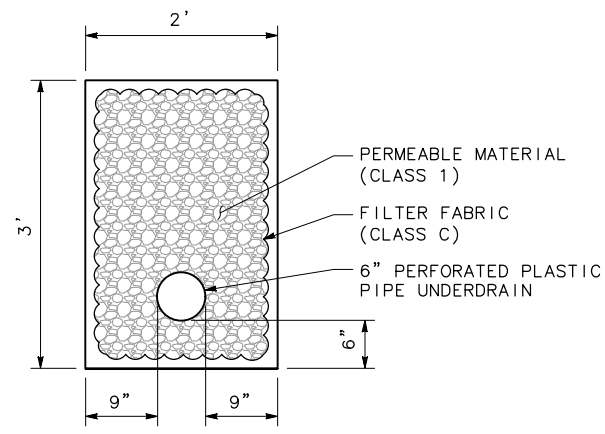
ROAD NAME: ALDERPOINT ROAD	MILE POST: 7.37
ROAD NO: F6B165	EA NO:
PROJECT NO.: ER-32LO(280)	BRIDGE NO: N/A
CONTRACT NO.: 217257	DRAWING FILE NAME:
PLOT DATE: FEBRUARY 2023	REVISION DATE:

MARK THOMAS
DESIGNED BY: EM
DRAWN BY: AM
REVIEWED BY: KD
APPROVED BY: EM

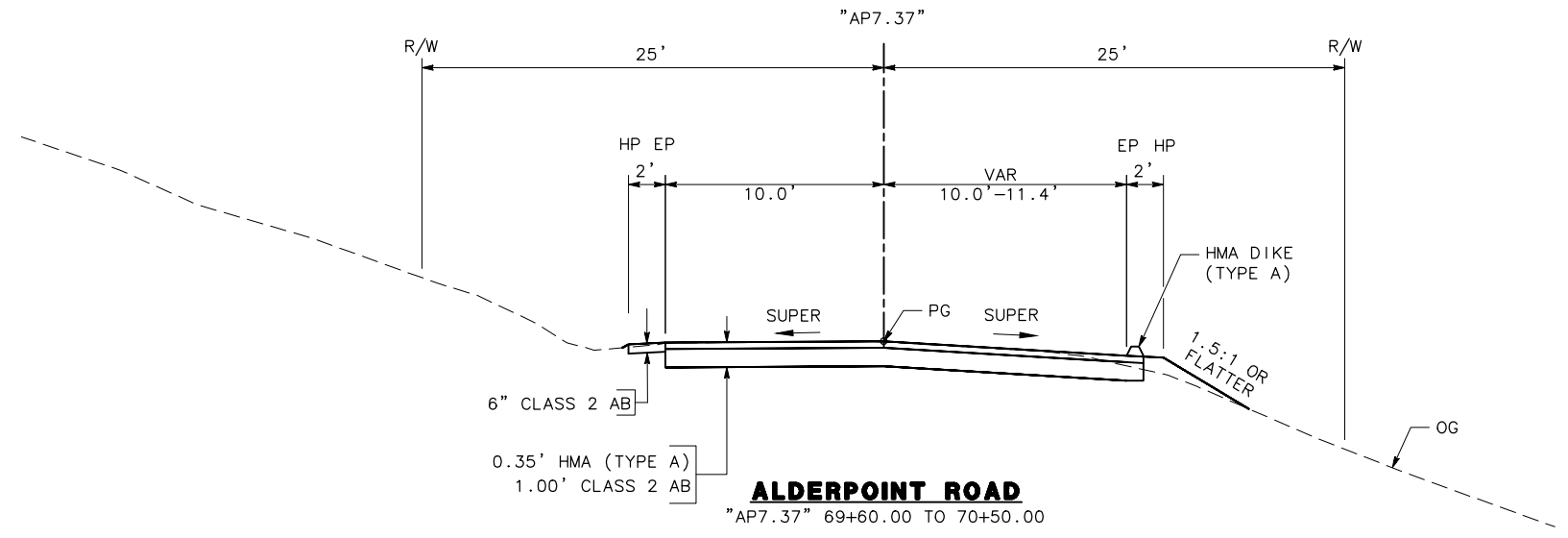


ALDERPOINT ROAD
"AP7.37" 68+00.00 TO 69+40.00

ALDERPOINT ROAD
"AP7.37" 68+01.50 TO 69+60.00



UNDERDRAIN DETAIL 5
NO SCALE



ALDERPOINT ROAD
"AP7.37" 69+60.00 TO 70+50.00

LEGEND

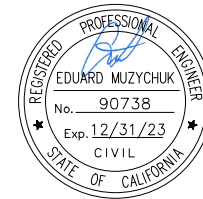
- SAWCUT
- - - C - - - CUT LINE
- - - F - - - FILL LINE
- RIGHT OF WAY
- TEMPORARY CONSTRUCTION EASEMENT (TCE)
- DRAINAGE EASEMENT
- [Hatched Box] EXISTING WETLANDS
- [Rock Pattern Box] ROCK BUTTRESS (RSP 1/2 TON, METHOD A)
- [Tree Symbol] EXIST TREE

NOTE:

1. CA MUTCD CODES SHOWN AS DESIGNATED BY <CA> WHICH INDICATED A CALIFORNIA SIGN CODE. OTHERWISE, FEDERAL MUTCD CODES ARE SHOWN.

STRIPING LEGEND:

- [No. in Hexagon] PAVEMENT DELINEATION DETAIL
- [No. in Dashed Hexagon] EXIST PAVEMENT DELINEATION DETAIL
- [Arrow] MARKER BEG/END OF TRAFFIC STRIPE DETAIL
- [Triangle] TRAFFIC STRIPE ANGLE POINT
- [Delta] ANGLE POINT
- [Circle] BC/EC/PCC



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

ROAD NAME: ALDERPOINT ROAD	MILE POST: 7.37
ROAD NO: FB8165	EA NO:
PROJECT NO: ER-32LO(280)	BRIDGE NO: N/A
CONTRACT NO: 217257	DRAWING FILE NAME:
PLOT DATE: FEBRUARY 2023	REVISION DATE:

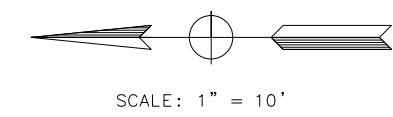
MARK THOMAS
DESIGNED BY: EM
DRAWN BY: AM
REVIEWED BY: KD
APPROVED BY: EM

COUNTY OF HUMBOLDT
DEPARTMENT OF PUBLIC WORKS
ALDERPOINT RD STORM DAMAGE (PM 7.37)

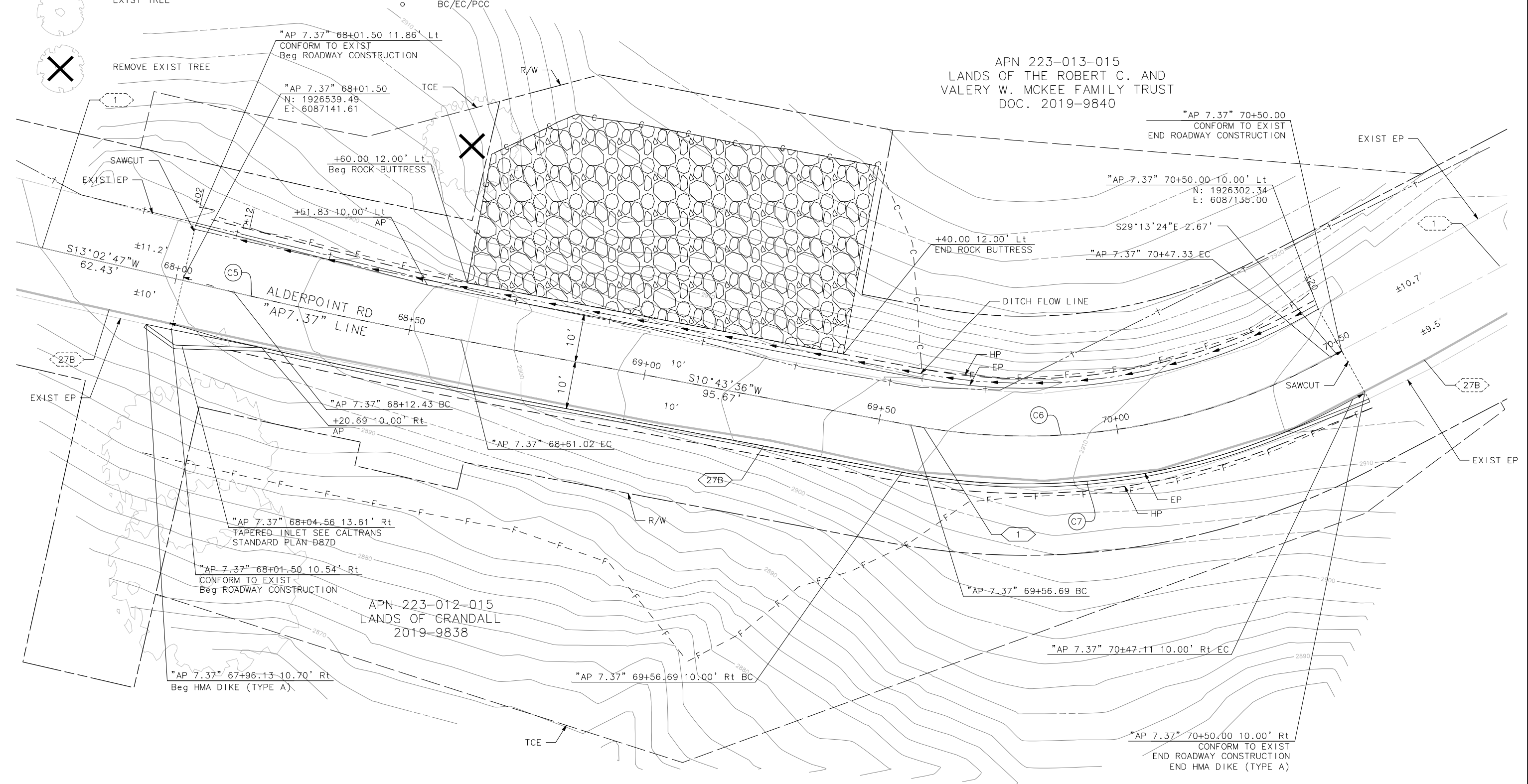
LAYOUT

SHEET **36**
OF
52

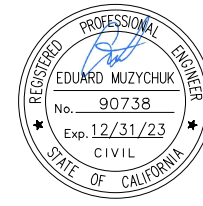
CURVE #	RADIUS	DELTA	TANGENT	LENGTH
C5	1200.00'	2°19'12"	24.30'	48.59'
C6	130.00'	39°57'00"	47.25'	90.64'
C7	140.00'	39°51'08"	50.75'	97.38'



APN 223-013-015
LANDS OF THE ROBERT C. AND
VALERY W. MCKEE FAMILY TRUST
DOC. 2019-9840



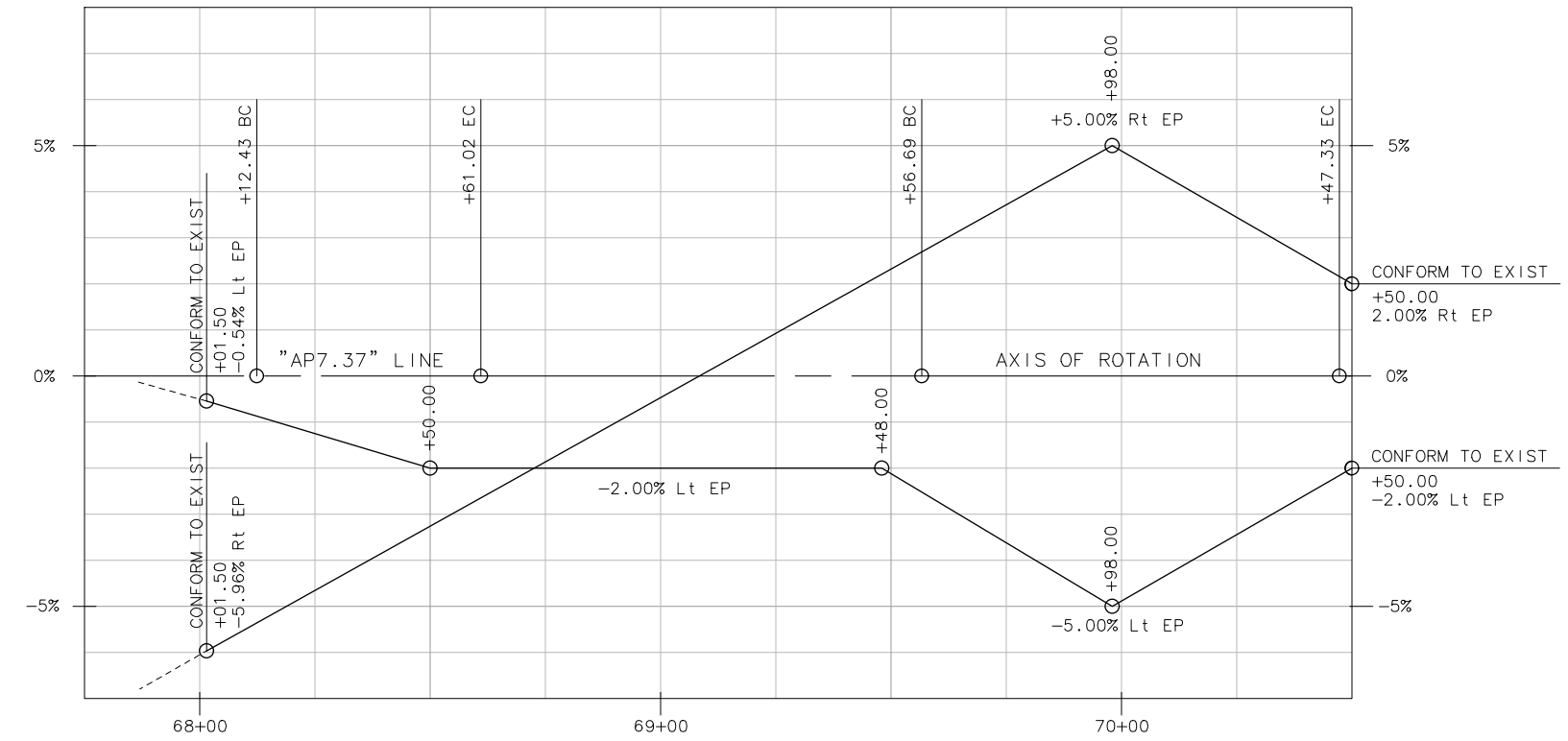
APN 223-012-015
LANDS OF GRANDALL
2019-9838



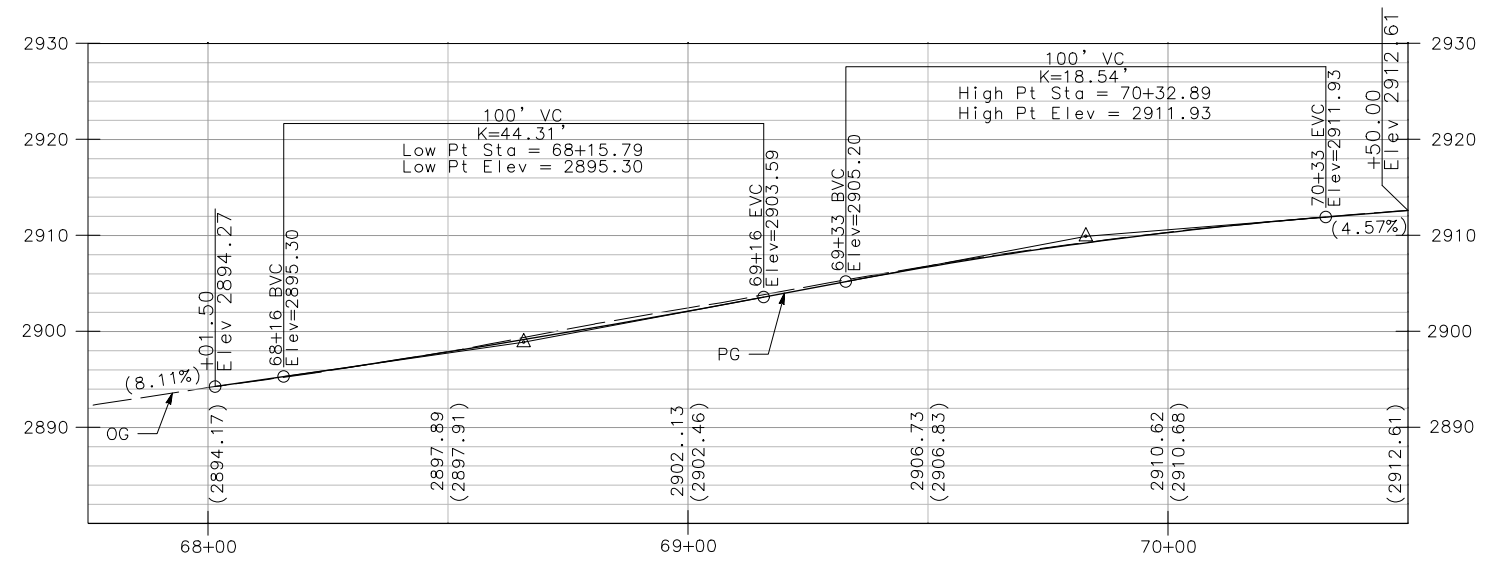
BAR IS ONE INCH ON ORIGINAL DRAWING	ROAD NAME: ALDERPOINT ROAD	MILE POST: 7.37
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	ROAD NO: F6B165	EA NO:
	PROJECT NO.: ER-32LO(280)	BRIDGE NO: N/A
	CONTRACT NO.: 217257	DRAWING FILE NAME:
	PLOT DATE: FEBRUARY 2023	REVISION DATE:

MARK THOMAS
DESIGNED BY: EM
DRAWN BY: AM
REVIEWED BY: KD
APPROVED BY: EM

PROFILE





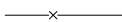

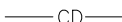




SUPERELEVATION DIAGRAM
"AP7.37" LINE
SCALE: HORIZ 1" = 20'



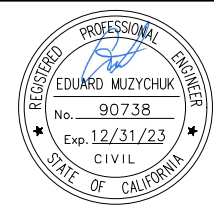
PROFILE
"AP7.37" LINE
SCALE: HORIZ 1" = 20'
VERT 1" = 4'

LEGEND:

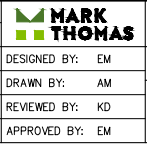
-  DRY SEED AND STRAW WITH
-  ROLLED EROSION CONTROL PRODUCT (RECP)
-  EXISTING WETLANDS
-  FR — FIBER ROLL
-  —x— TEMP HIGH VISIBILITY FENCE
-  —x— TSF — TEMP SILT FENCE
-  —CD— TEMP CHECK DAM
-  [TE] TEMP CONSTRUCTION ENTRANCE
-  [O] TEMP DRAINAGE INLET PROTECTION

NOTES:

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



ROAD NAME: ALDERPOINT ROAD		MILE POST: 7.37	
ROAD NO: F6B165	EA NO:	DESIGNED BY: EM	
PROJECT NO.: ER-32LO(280)	BRIDGE NO: N/A	DRAWN BY: AM	
CONTRACT NO.: 217257	DRAWING FILE NAME:	REVIEWED BY: KD	
PLOT DATE: FEBRUARY 2023	REVISION DATE:	APPROVED BY: EM	

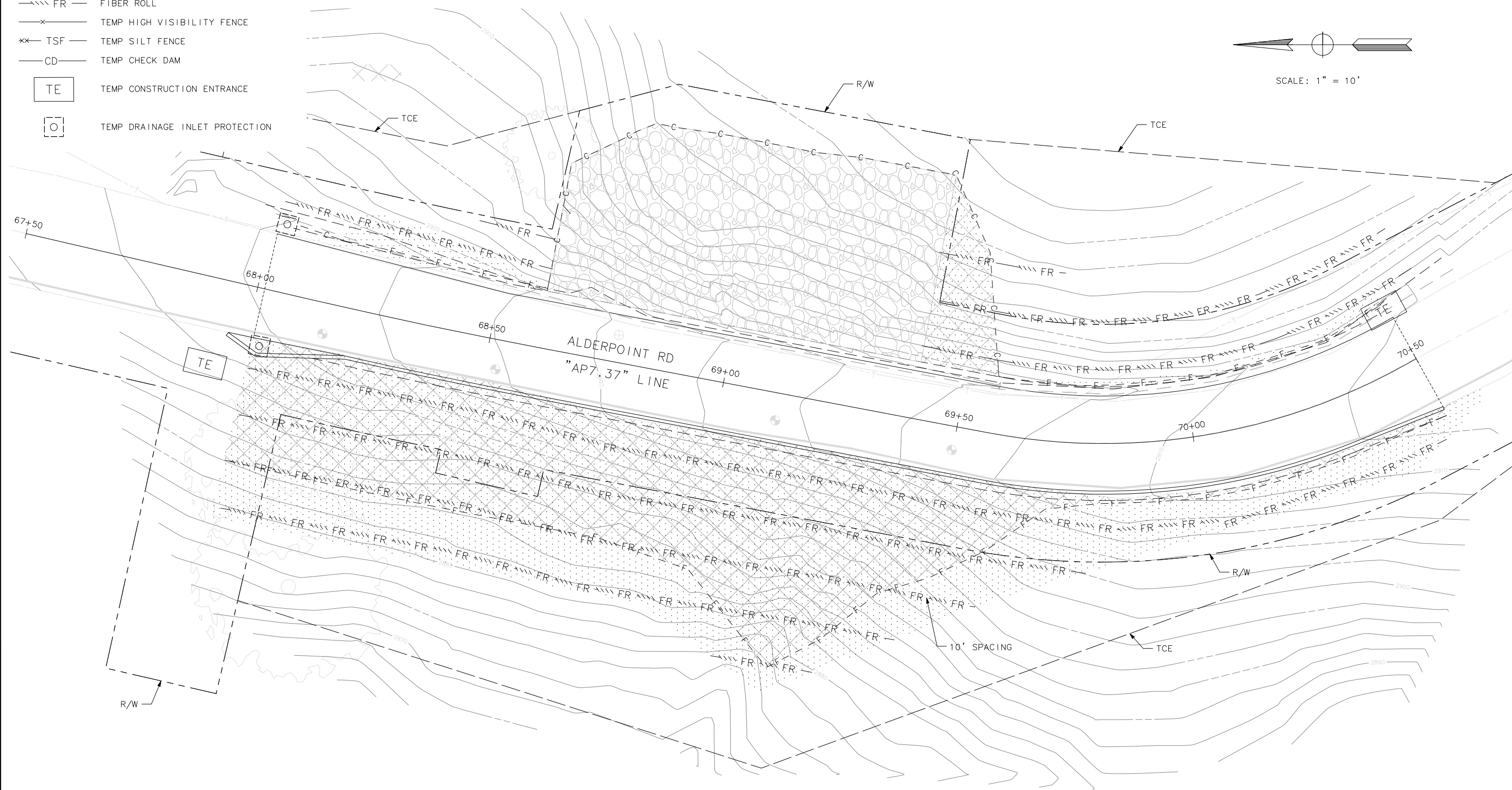
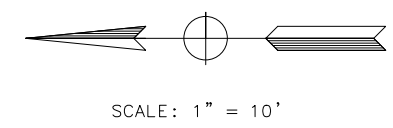


**COUNTY OF HUMBOLDT
DEPARTMENT OF PUBLIC WORKS**

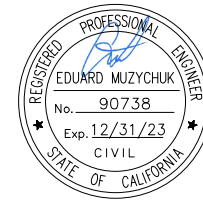
ALDERPOINT RD STORM DAMAGE (PM 7.37)

EROSION CONTROL

SHEET
40
OF
52



THIS PLAN ACCURATE FOR EROSION CONTROL ONLY



ROAD NAME: ALDERPOINT ROAD	MILE POST: 7.37
ROAD NO: F6B165	EA NO:
PROJECT NO: ER-32LO(280)	BRIDGE NO: N/A
CONTRACT NO: 217257	DRAWING FILE NAME:
PLOT DATE: FEBRUARY 2023	REVISION DATE:

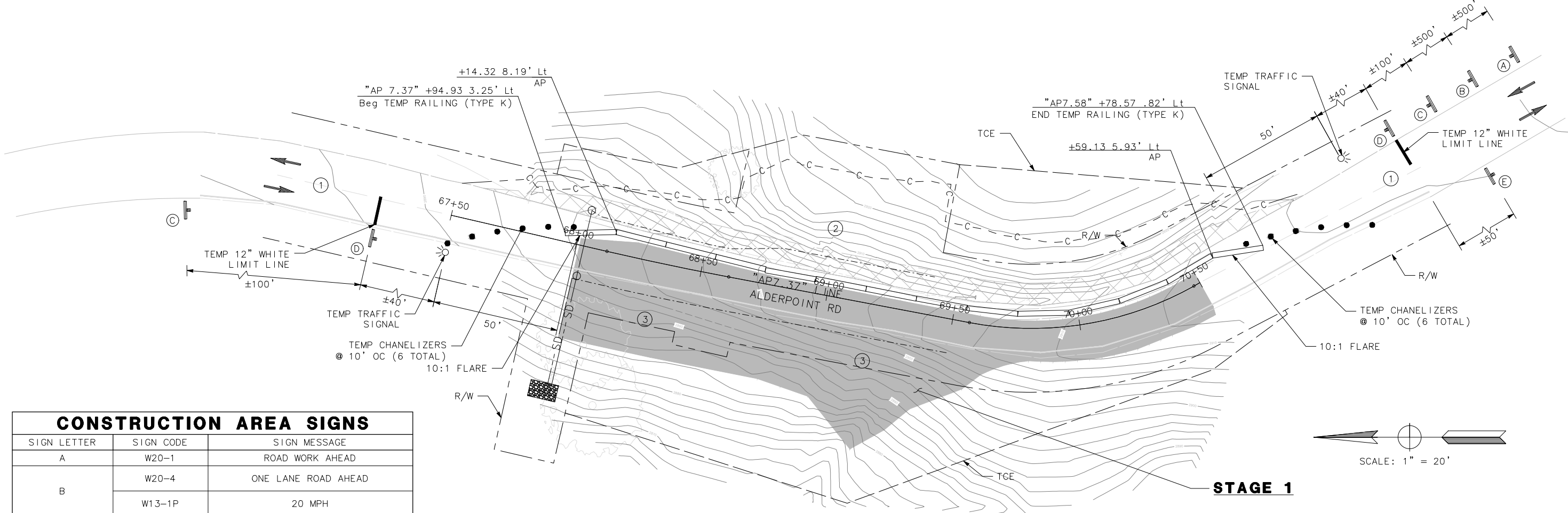
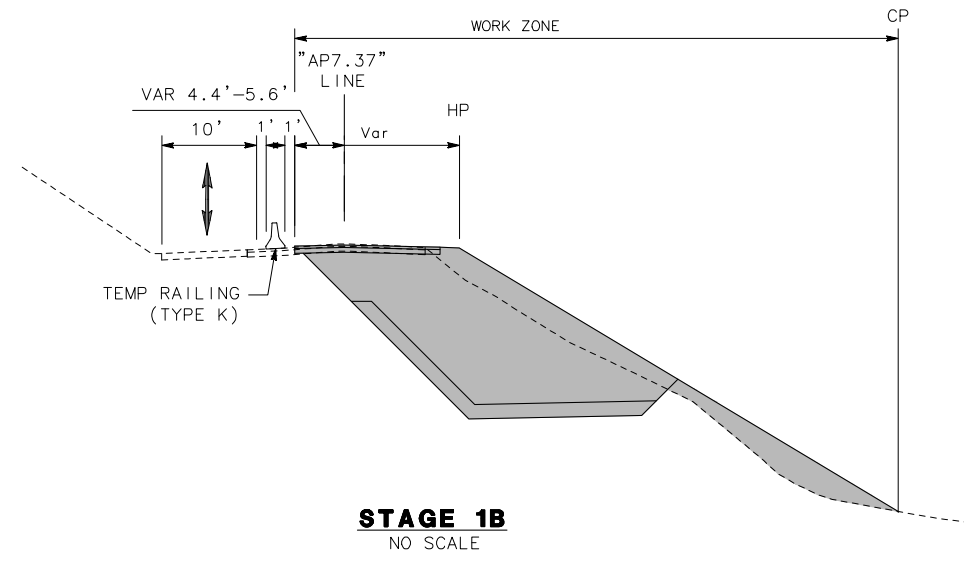
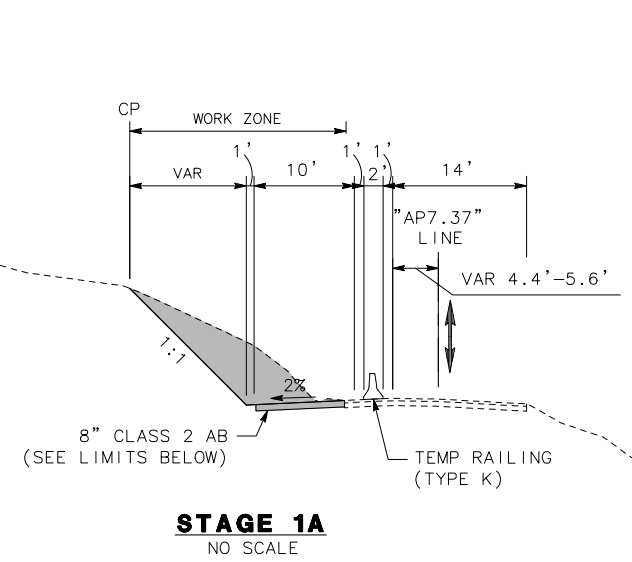
MARK THOMAS
DESIGNED BY: EM
DRAWN BY: AM
REVIEWED BY: KD
APPROVED BY: EM

CONSTRUCTION SITE 4:

- PAINT TEMP 12" WIDE WHITE LIMIT LINE, EACH DIRECTION. PLACE ADVANCED WARNING CONSTRUCTION AREA SIGNS AS SHOWN.
- CONSTRUCT 10' TEMPORARY LANE.
- EXCAVATE AND CONSTRUCT REINFORCED EMBANKMENT

TRAFFIC SITE 4:

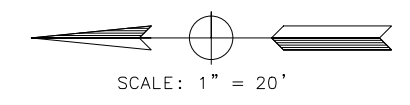
- STAGE 1: MAINTAIN ONE-LANE TRAFFIC CONTROL WITH TEMPORARY SIGNAL.
- STAGE 2: MAINTAIN ONE-LANE TRAFFIC CONTROL WITH TEMPORARY SIGNAL.
- PROVIDE MINIMUM NOTICE OF 2 WEEKS FOR CLOSURES LONGER THAN 15 MINUTES.
- "LOOSE GRAVEL" SIGNS ARE REQUIRED IF ROADWAY WILL BE OPEN TO TWO-WAY TRAFFIC PRIOR TO PAVING.

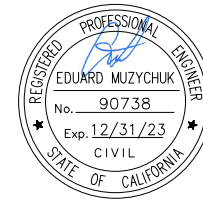


CONSTRUCTION AREA SIGNS		
SIGN LETTER	SIGN CODE	SIGN MESSAGE
A	W20-1	ROAD WORK AHEAD
B	W20-4	ONE LANE ROAD AHEAD
	W13-1P	20 MPH
C	W3-3	SIGNAL AHEAD SYMBOL
D	R8-10	STOP HERE ON RED
E	G20-2	END ROAD WORK

ALDERPOINT PM 7.37 STAGE 1 TRAFFIC CONTROL PLAN

THIS PLAN ACCURATE FOR STAGE CONSTRUCTION ONLY





ROAD NAME: ALDERPOINT ROAD	MILE POST: 7.37
ROAD NO: F6B165	EA NO:
PROJECT NO.: ER-32LO(280)	BRIDGE NO: N/A
CONTRACT NO.: 217257	DRAWING FILE NAME:
PLOT DATE: FEBRUARY 2023	REVISION DATE:

MARK THOMAS
DESIGNED BY: EM
DRAWN BY: AM
REVIEWED BY: KD
APPROVED BY: EM

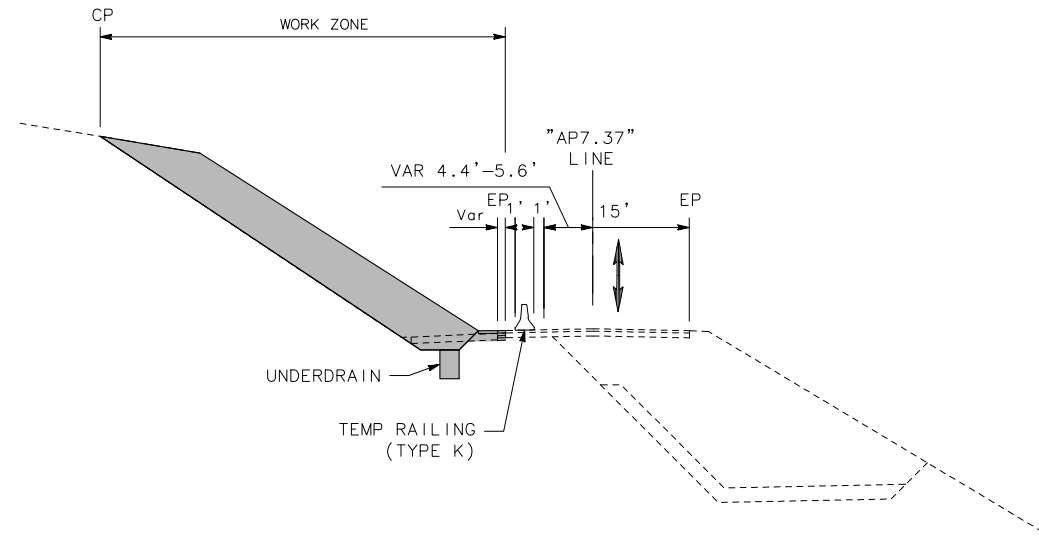
COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS	SHEET 42 OF 52
ALDERPOINT RD STORM DAMAGE (PM 7.37)	
STAGE CONSTRUCTION	

CONSTRUCTION SITE 4:

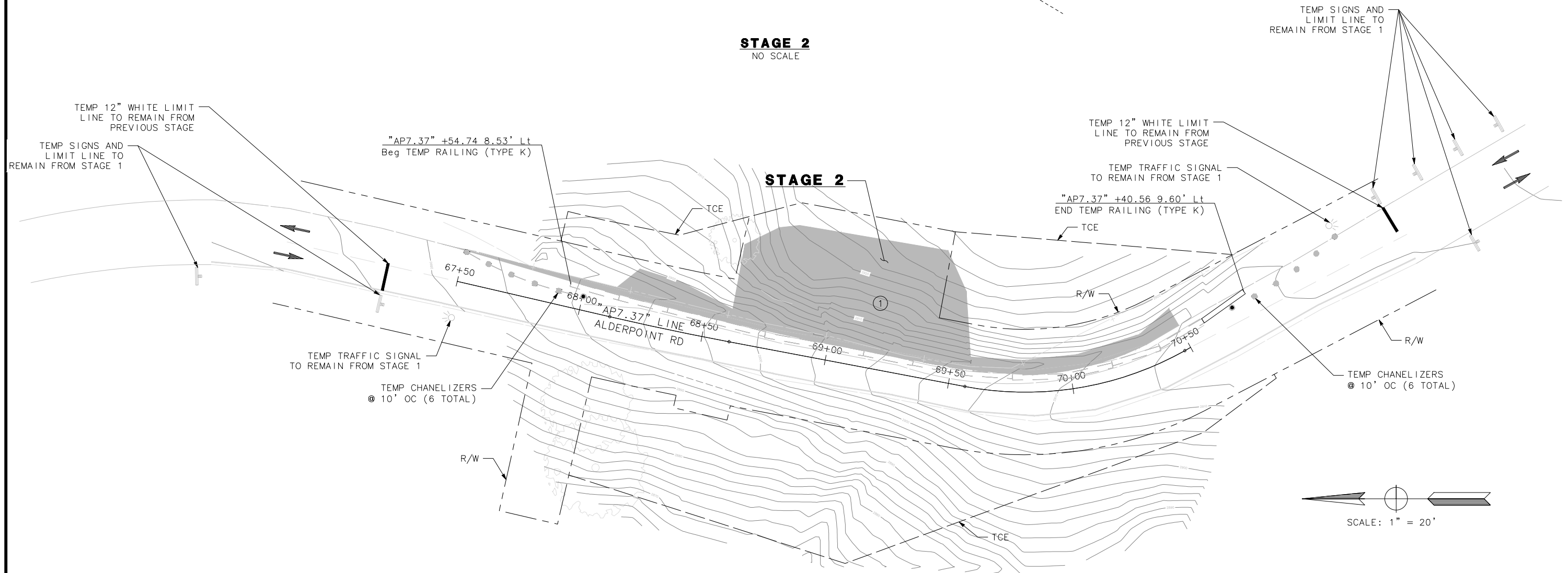
- 1. CONSTRUCT UNDERDRAIN, DRAINAGE INLET, AND ROCK BUTTRESS.

TRAFFIC SITE 4:

- 1. STAGE 2: MAINTAIN ONE-LANE TRAFFIC CONTROL WITH TEMPORARY SIGNAL.
- 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.

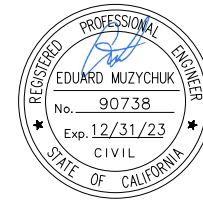


STAGE 2
NO SCALE



ALDERPOINT PM 7.37 STAGE 2 TRAFFIC CONTROL PLAN

THIS PLAN ACCURATE FOR STAGE CONSTRUCTION ONLY



ROAD NAME: ALDERPOINT ROAD	MILE POST: 7.58
ROAD NO: F6B165	EA NO:
PROJECT NO.: ER-32LO(291)	BRIDGE NO: N/A
CONTRACT NO.: 217258	DRAWING FILE NAME:
PLOT DATE: FEBRUARY 2023	REVISION DATE:

MARK THOMAS
DESIGNED BY: EM
DRAWN BY: FL
REVIEWED BY: GH
APPROVED BY: EM

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

SHEET
43
OF
52

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:

△ CONTROL POINT

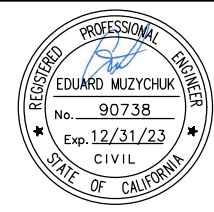
DATUM:

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 3/8 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.

CONSTRUCTION SURVEY CONTROL DATA

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



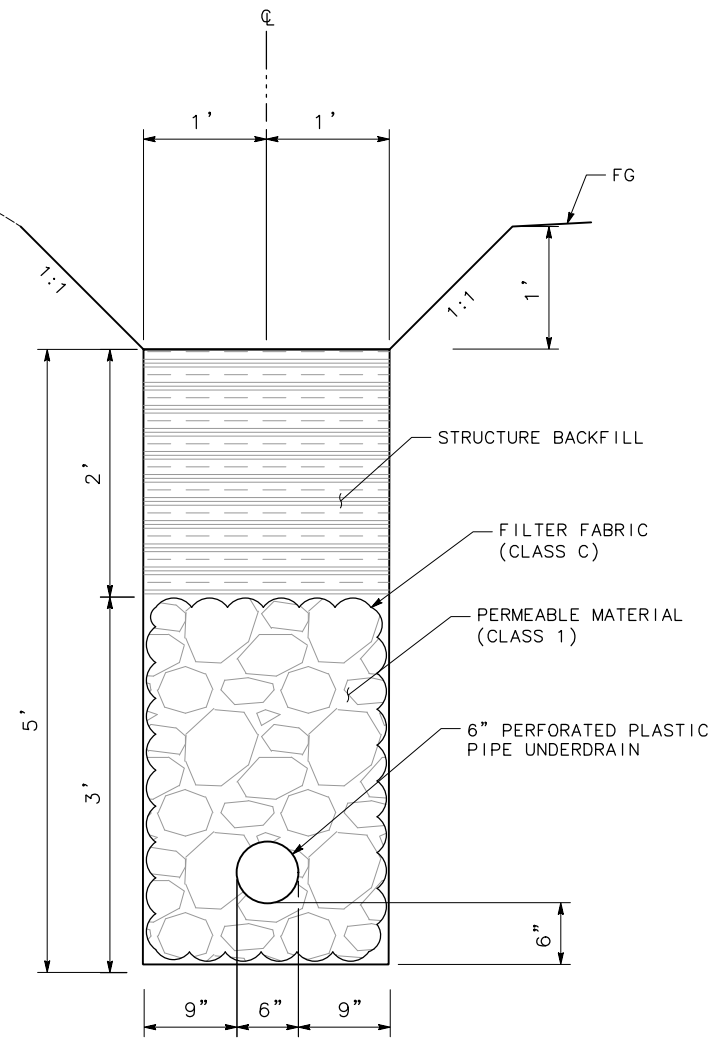
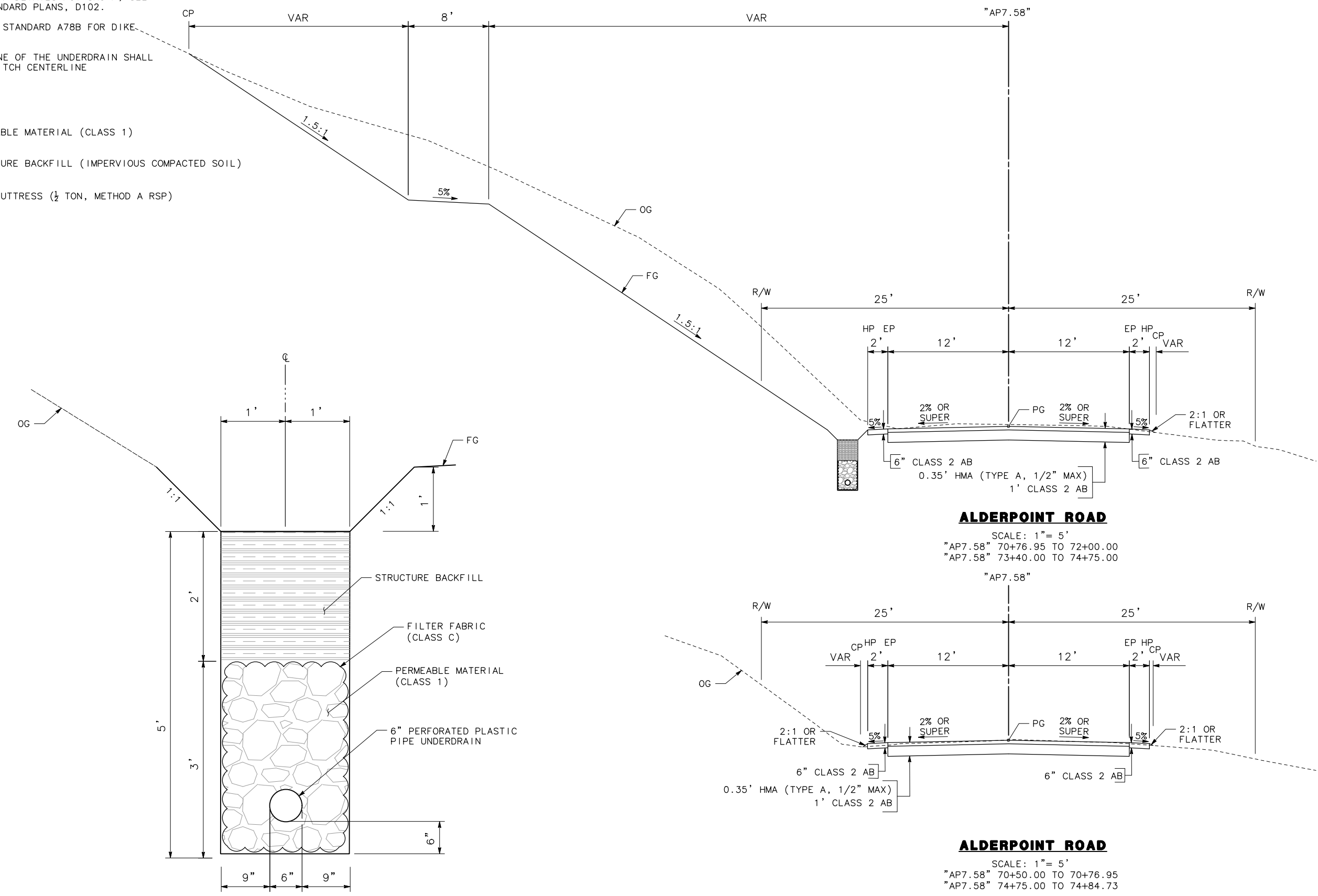


BAR IS ONE INCH ON ORIGINAL DRAWING	ROAD NAME: ALDERPOINT ROAD	MILE POST: 7.58
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	ROAD NO: F68165	EA NO:
	PROJECT NO.: ER-32L0(291)	BRIDGE NO: N/A
	CONTRACT NO.: 217258	DRAWING FILE NAME:
	PLOT DATE: FEBRUARY 2023	REVISION DATE:

MARK THOMAS
DESIGNED BY: EM
DRAWN BY: FL
REVIEWED BY: GH
APPROVED BY: EM

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

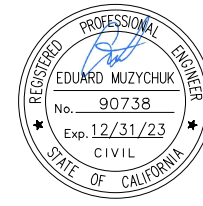
- LEGEND**
- PERMEABLE MATERIAL (CLASS 1)
 - STRUCTURE BACKFILL (IMPERVIOUS COMPACTED SOIL)
 - ROCK BUTTRESS (1/2 TON, METHOD A RSP)



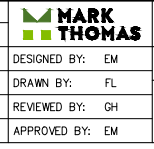
UNDERDRAIN WITH DITCH DETAIL
NO SCALE

ALDERPOINT ROAD
SCALE: 1" = 5'
"AP7.58" 70+76.95 TO 72+00.00
"AP7.58" 73+40.00 TO 74+75.00

ALDERPOINT ROAD
SCALE: 1" = 5'
"AP7.58" 70+50.00 TO 70+76.95
"AP7.58" 74+75.00 TO 74+84.73



ROAD NAME: ALDERPOINT ROAD		MILE POST: 7.58	
ROAD NO: F6B165	EA NO:		DESIGNED BY: EM
PROJECT NO.: ER-32L0(291)	BRIDGE NO: N/A		DRAWN BY: FL
CONTRACT NO.: 217258	DRAWING FILE NAME:		REVIEWED BY: GH
PLOT DATE: FEBRUARY 2023	REVISION DATE:		APPROVED BY: EM

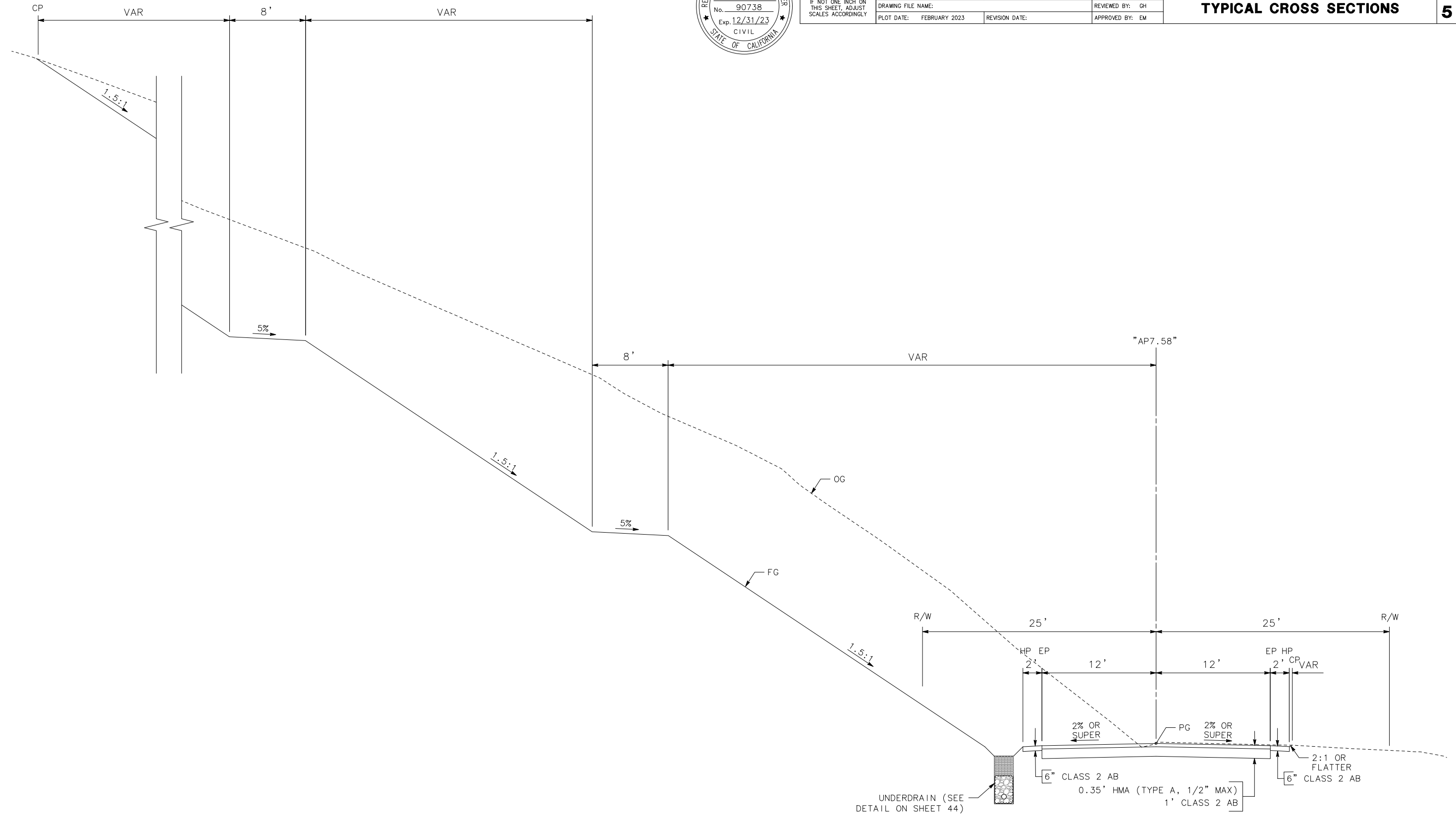


**COUNTY OF HUMBOLDT
DEPARTMENT OF PUBLIC WORKS**

ALDERPOINT RD STORM DAMAGE (PM 7.58)

TYPICAL CROSS SECTIONS

SHEET
45
OF
52



ALDERPOINT ROAD
SCALE: 1" = 5'
"AP7.58" 72+00.00 TO 73+40.00

LEGEND

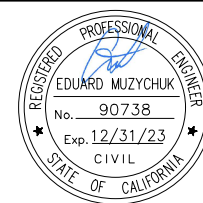
- SAWCUT
- - - C - - - C - CUT LINE
- - - F - - - F - FILL LINE
- RIGHT OF WAY
- TEMPORARY CONSTRUCTION EASEMENT (TCE)
- DRAINAGE EASEMENT
- [Grid Pattern] EXISTING WETLANDS
- [Rock Pattern] ROCK BUTTRESS (RSP 1/2 TON, METHOD A)
- [Tree Symbol] EXIST TREE
- [Tree Symbol with X] REMOVE EXIST TREE

NOTE:

1. CA MUTCD CODES SHOWN AS DESIGNATED BY <CA> WHICH INDICATED A CALIFORNIA SIGN CODE. OTHERWISE, FEDERAL MUTCD CODES ARE SHOWN.

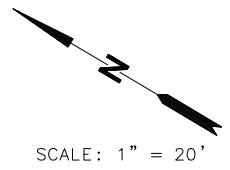
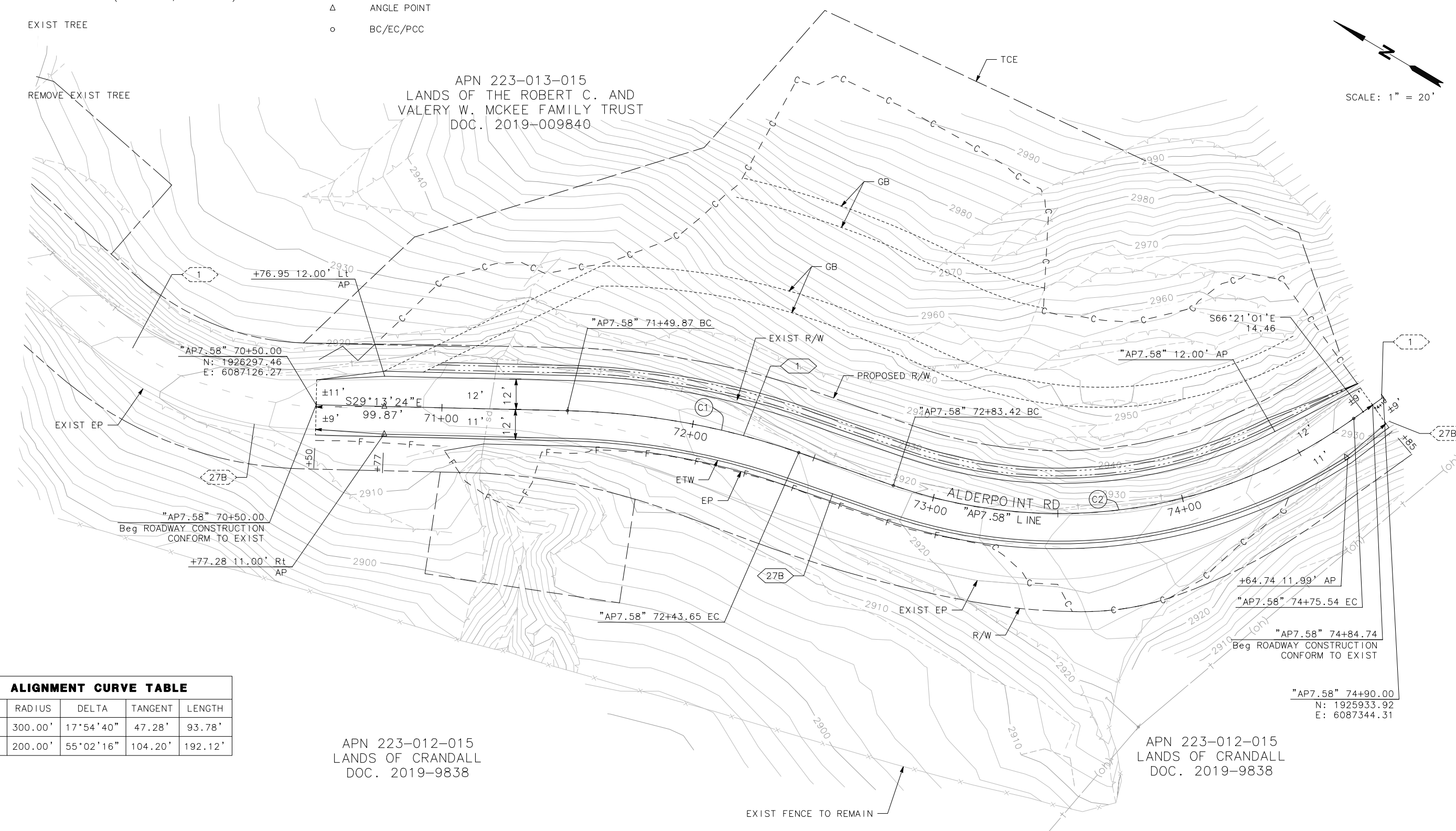
STRIPING LEGEND:

- [No. in hexagon] PAVEMENT DELINEATION DETAIL
- [No. in dashed hexagon] EXIST PAVEMENT DELINEATION DETAIL
- [Arrow] MARKER BEG/END OF TRAFFIC STRIPE DETAIL
- [Triangle] TRAFFIC STRIPE ANGLE POINT
- [Delta] ANGLE POINT
- [Circle] BC/EC/PCC



ROAD NAME: ALDERPOINT ROAD	MILE POST: 7.58
ROAD NO: F6B165	EA NO:
PROJECT NO.: ER-32L0(291)	BRIDGE NO: N/A
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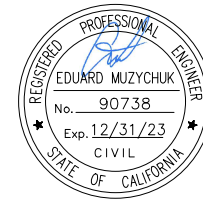
APN 223-013-015
LANDS OF THE ROBERT C. AND
VALERY W. MCKEE FAMILY TRUST
DOC. 2019-009840

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

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

ALIGNMENT CURVE TABLE

CURVE	RADIUS	DELTA	TANGENT	LENGTH
C1	300.00'	17°54'40"	47.28'	93.78'
C2	200.00'	55°02'16"	104.20'	192.12'



ROAD NAME: ALDERPOINT ROAD	MILE POST: 7.58
ROAD NO: F6B165	EA NO:
PROJECT NO.: ER-32L0(291)	BRIDGE NO: N/A
CONTRACT NO.: 217258	DRAWING FILE NAME:
PLOT DATE: FEBRUARY 2023	REVISION DATE:

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**COUNTY OF HUMBOLDT
DEPARTMENT OF PUBLIC WORKS**

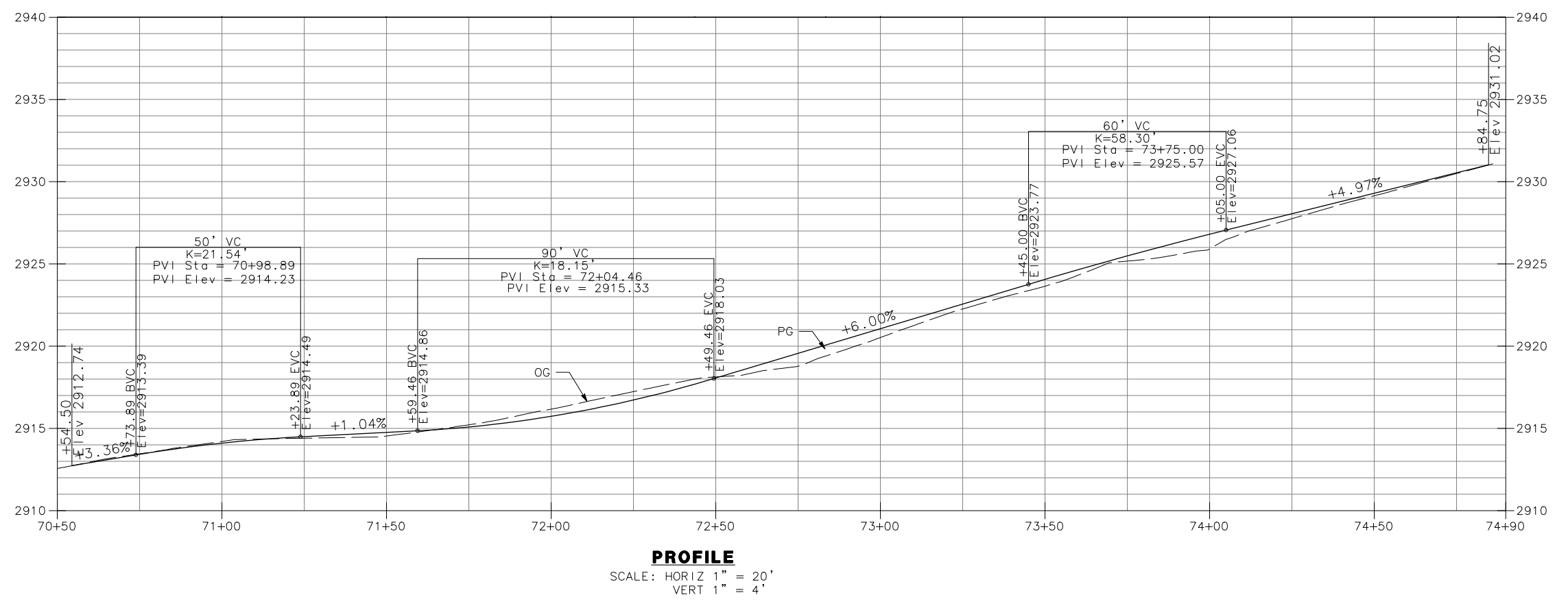
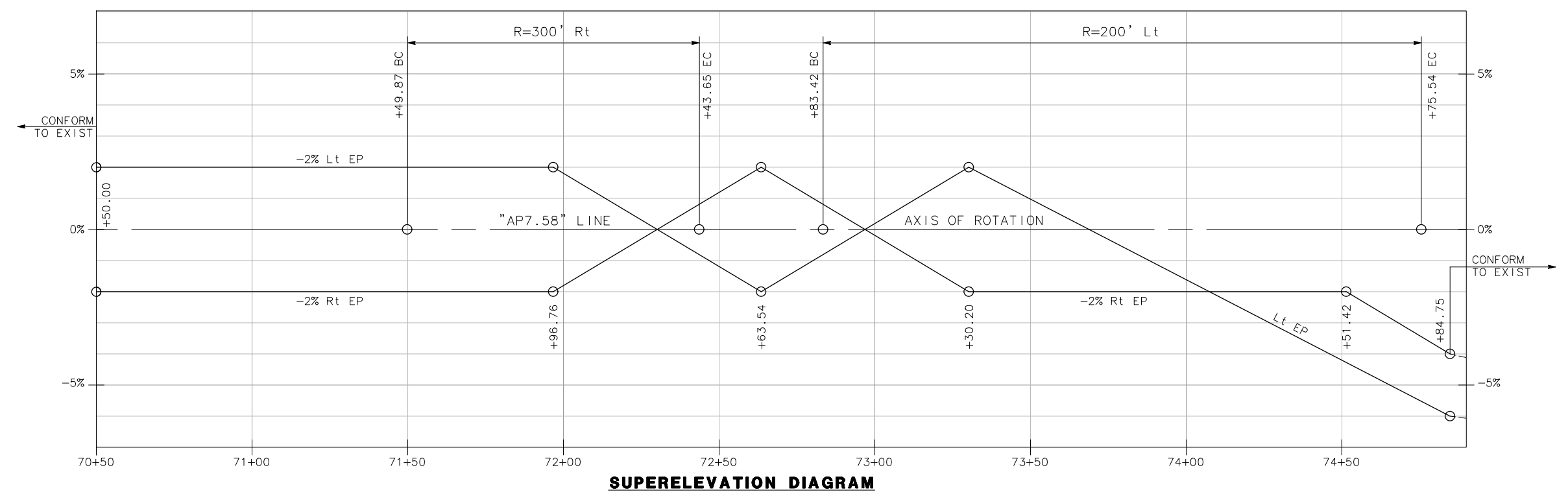
ALDERPOINT RD STORM DAMAGE (PM 7.58)

PROFILE






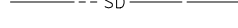
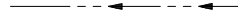
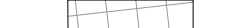
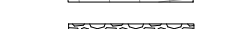

SHEET
47
OF
52

LEGEND:

(XXXX.XX) EXIST ELEVATION IN FEET

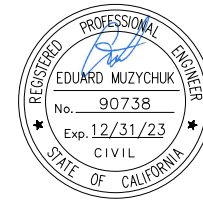


LEGEND:

-  (oh) EXIST OVERHEAD TELEPHONE LINE
-  EXIST TELEPHONE POLE
-  EXIST UNDERGROUND TELEPHONE LINE
-  PERFORATED PIPE UNDERDRAIN
-  SD SOLID STORM DRAIN PIPE
-  DITCH FLOW LINE
-  EXISTING WETLANDS
-  RSP (20 LB, CLASS 1, METHOD B)
-  ROCK BUTTRESS (RSP 1/2 TONS, METHOD A)
-  DRAINAGE NO.

NOTES:

1. ALL CALLOUTS ON THIS SHEET REFERENCE THE "AP7.58" LINE UNLESS OTHERWISE NOTED.
2. FOR UNDERDRAIN DETAILS NOT SHOWN, SEE CALTRANS STANDARD PLAN D102.
3. FOR TAPERED INLET AND FLUME DOWNDRAIN DETAILS NOT SHOWN, SEE CALTRANS STANDARD PLAN D87A.
4. CONTRACTOR TO POTHOLE TO IDENTIFY THE LOCATION OF EXISTING UNDERGROUND TELEPHONE LINE TO GET ADVANCE NOTIFICATION FOR AT&T TO REMOVE AND RELOCATE.



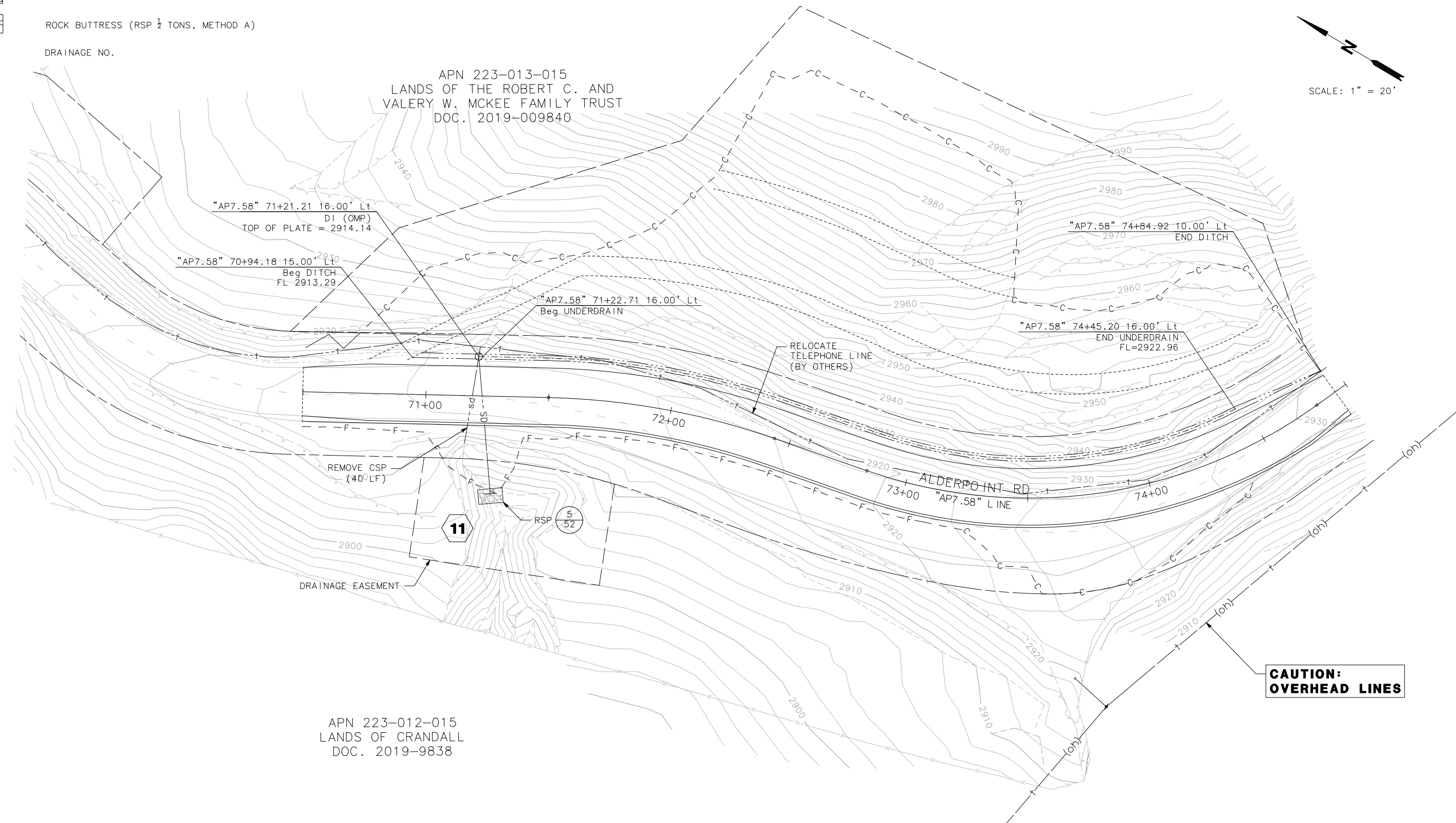
BAR IS ONE INCH ON ORIGINAL DRAWING
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

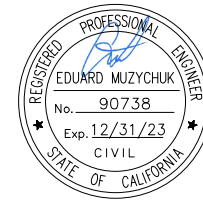
ROAD NAME: ALDERPOINT ROAD	MILE POST: 7.58
ROAD NO: F6B165	EA NO:
PROJECT NO: ER-32L0(291)	BRIDGE NO: N/A
CONTRACT NO: 217258	DRAWING FILE NAME:
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REVIEWED BY: GH
APPROVED BY: EM

COUNTY OF HUMBOLDT
DEPARTMENT OF PUBLIC WORKS
ALDERPOINT RD STORM DAMAGE (PM 7.58)
DRAINAGE AND UTILITIES PLAN

SHEET **48**
OF
52





ROAD NAME: ALDERPOINT ROAD	MILE POST: 7.58
ROAD NO: F6B165	EA NO:
PROJECT NO.: ER-32L0(291)	BRIDGE NO: N/A
CONTRACT NO.: 217258	DRAWING FILE NAME:
PLOT DATE: FEBRUARY 2023	REVISION DATE:

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

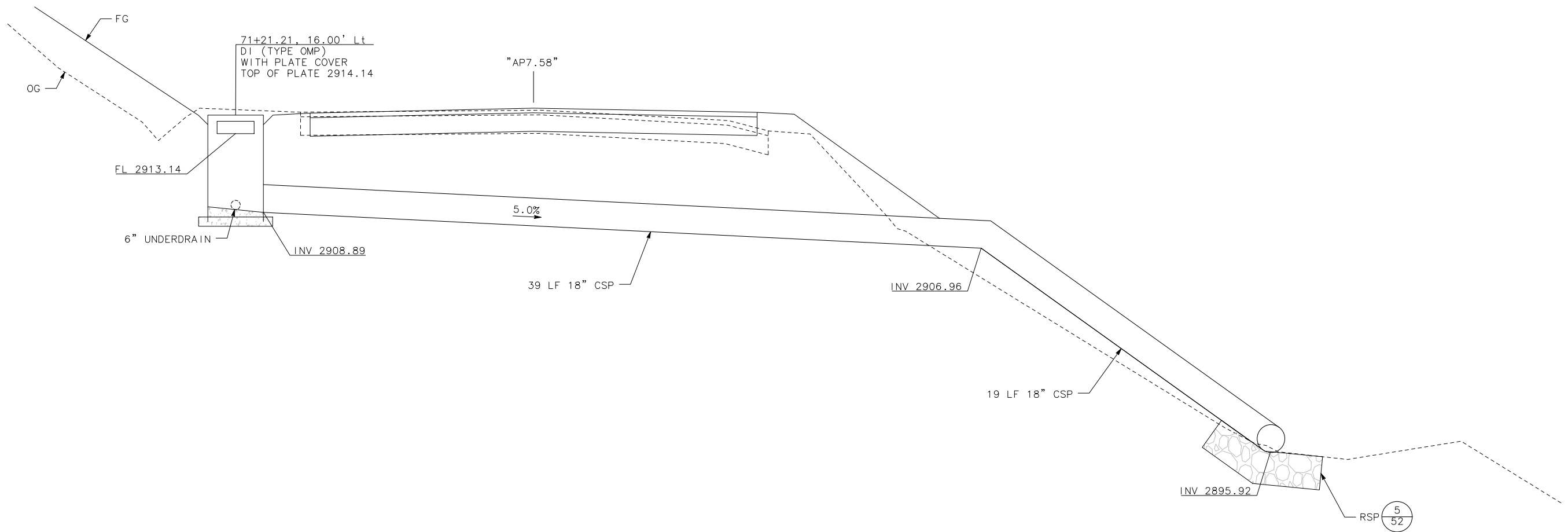
SHEET
49
OF
52

NOTES:

- FOR JOINT RESTRAINT ASSEMBLY DETAILS NOT SHOWN, SEE CALTRANS STANDARD PLAN D87B.
- FOR TRENCH DETAILS NOT SHOWN, SEE CALTRANS STANDARD PLAN A62F.
- DRAINAGE INLETS TO HAVE GALVANIZED GRATES OR PLATES.
- METAL PIPE JOINTS SHALL BE WATERTIGHT.
- FOR DRAINAGE INLET (TYPE OMP) DETAILS NOT SHOWN, SEE CALTRANS STANDARD PLAN D75A.
- FOR ANCHOR ASSEMBLY AND CABLE ANCHORAGE SYSTEM DETAILS NOT SHOWN, SEE CALTRANS STANDARD PLAN D87A AND D87C.
- PIPE INLETS MUST BE PROTECTED WITH BITUMINOUS OR POLYMERIC SHEET COATING.
- 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)




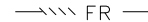
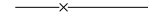

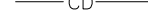




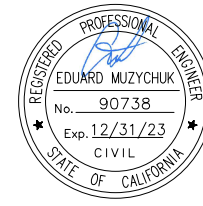
DRAINAGE SYSTEM 11

NOTES:

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

LEGEND:

-  DRY SEED AND STRAW WITH
-  ROLLED EROSION CONTROL PRODUCT (RECP)
-  EXISTING WETLANDS
-  FR — FIBER ROLL
-  —x— TEMP HIGH VISIBILITY FENCE
-  xx— TEMP SILT FENCE
-  —CD— TEMP CHECK DAM
-  [TE] TEMP CONSTRUCTION ENTRANCE
-  [O] TEMP DRAINAGE INLET PROTECTION

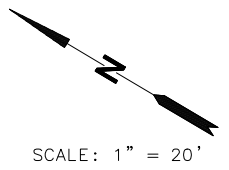
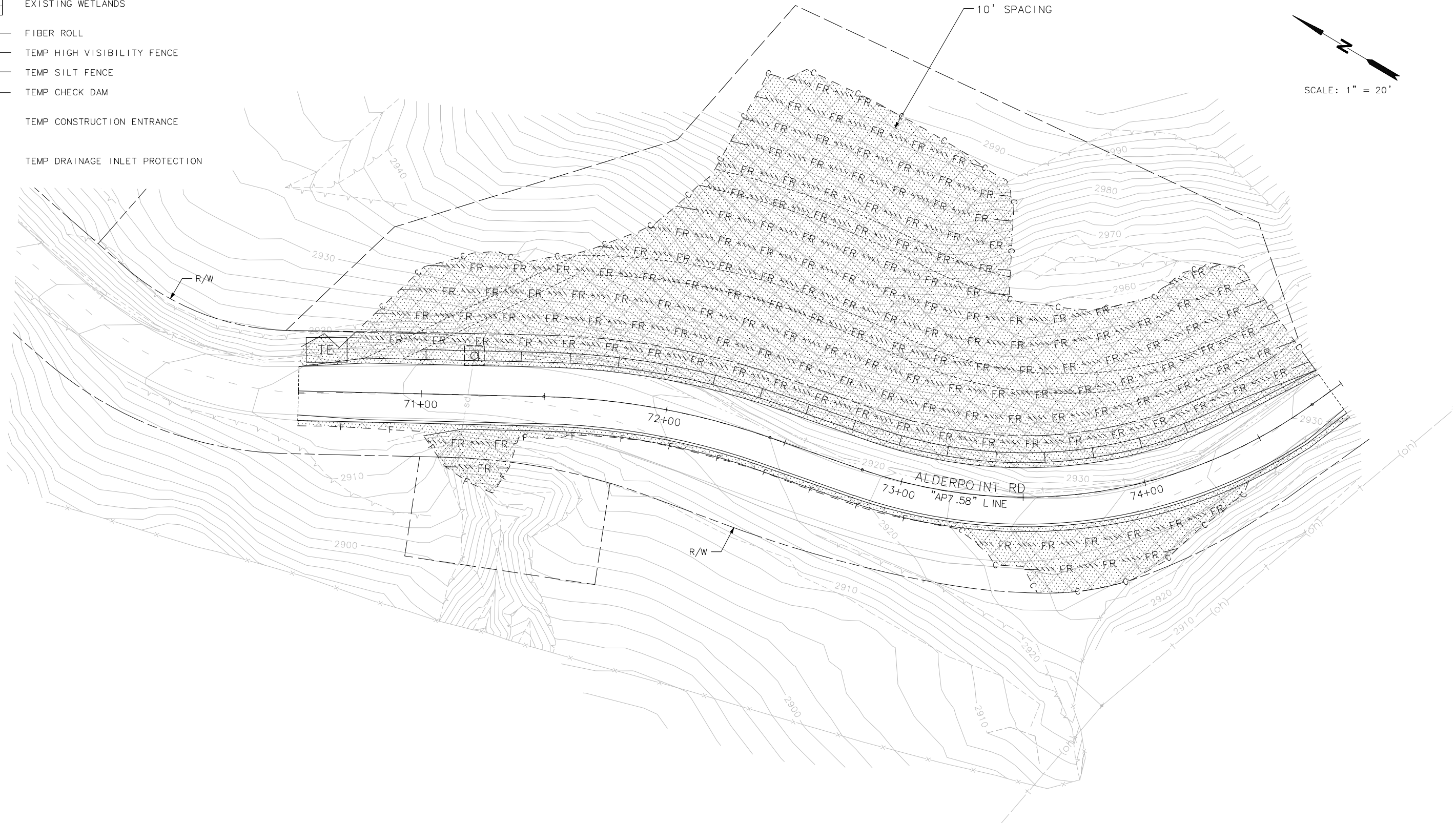


ROAD NAME: ALDERPOINT ROAD	MILE POST: 7.58
ROAD NO: F6B165	EA NO:
PROJECT NO.: ER-32L0(291)	BRIDGE NO: N/A
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COUNTY OF HUMBOLDT
DEPARTMENT OF PUBLIC WORKS
ALDERPOINT RD STORM DAMAGE (PM 7.58)
EROSION CONTROL

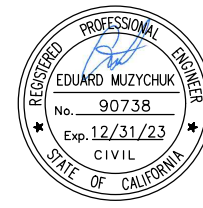
SHEET
50
OF
52



SCALE: 1" = 20'

NOTES:

1. RSP FABRIC (CLASS 8) AND EXCAVATION FOR DISSIPATORS ARE INCLUDED IN PAYMENT FOR RSP.

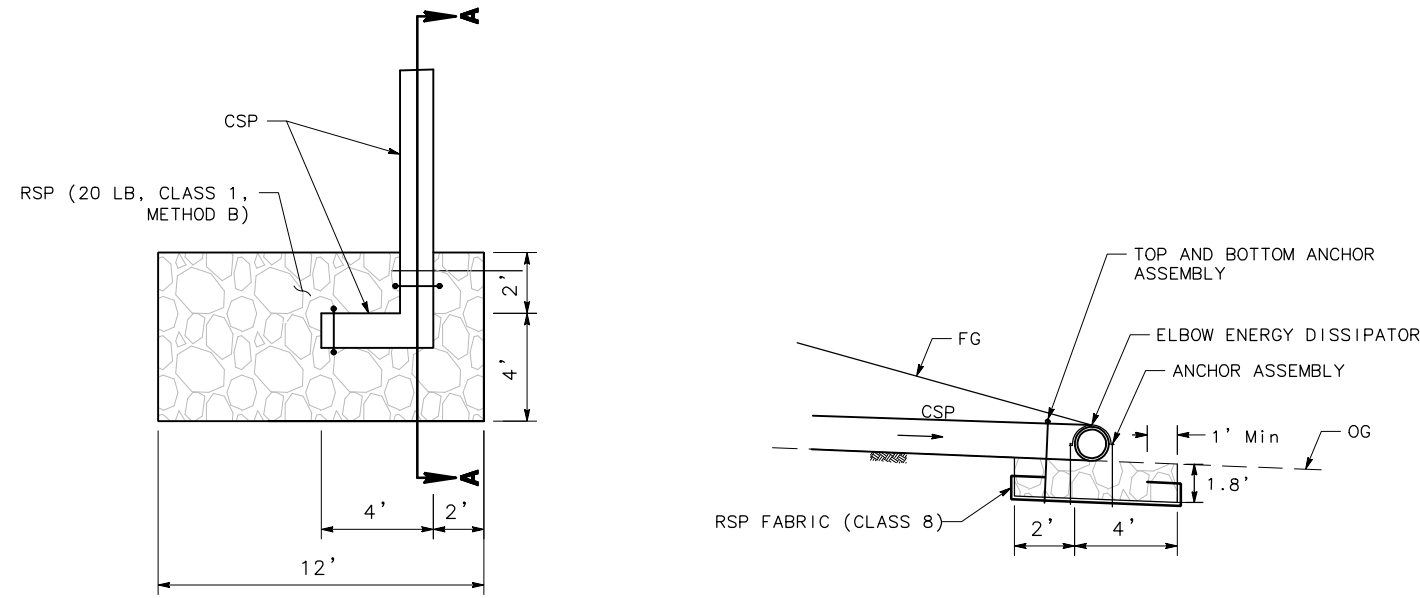


ROAD NAME: ALDERPOINT ROAD	MILE POST: 5.0, 6.98, 7.25, 7.37, 7.58
ROAD NO: F6B165	EA NO:
PROJECT NO:	BRIDGE NO: N/A
CONTRACT NO:	DRAWING FILE NAME:
PLOT DATE: FEBRUARY 2023	REVISION DATE:

MARK THOMAS
DESIGNED BY: FL/KH
DRAWN BY: FL/KH/CM
REVIEWED BY: GH/KD
APPROVED BY: JH/EM

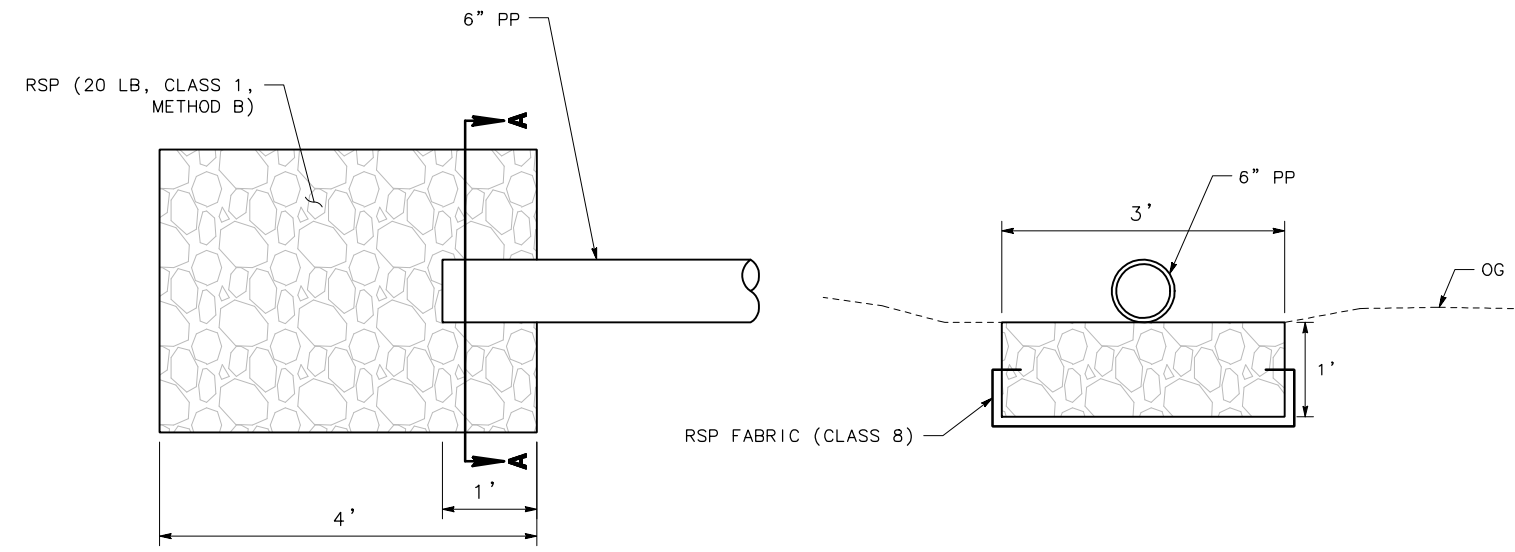
COUNTY OF HUMBOLDT
DEPARTMENT OF PUBLIC WORKS
ALDERPOINT RD STORM DAMAGE
DRAINAGE DETAILS

SHEET
51
OF
52



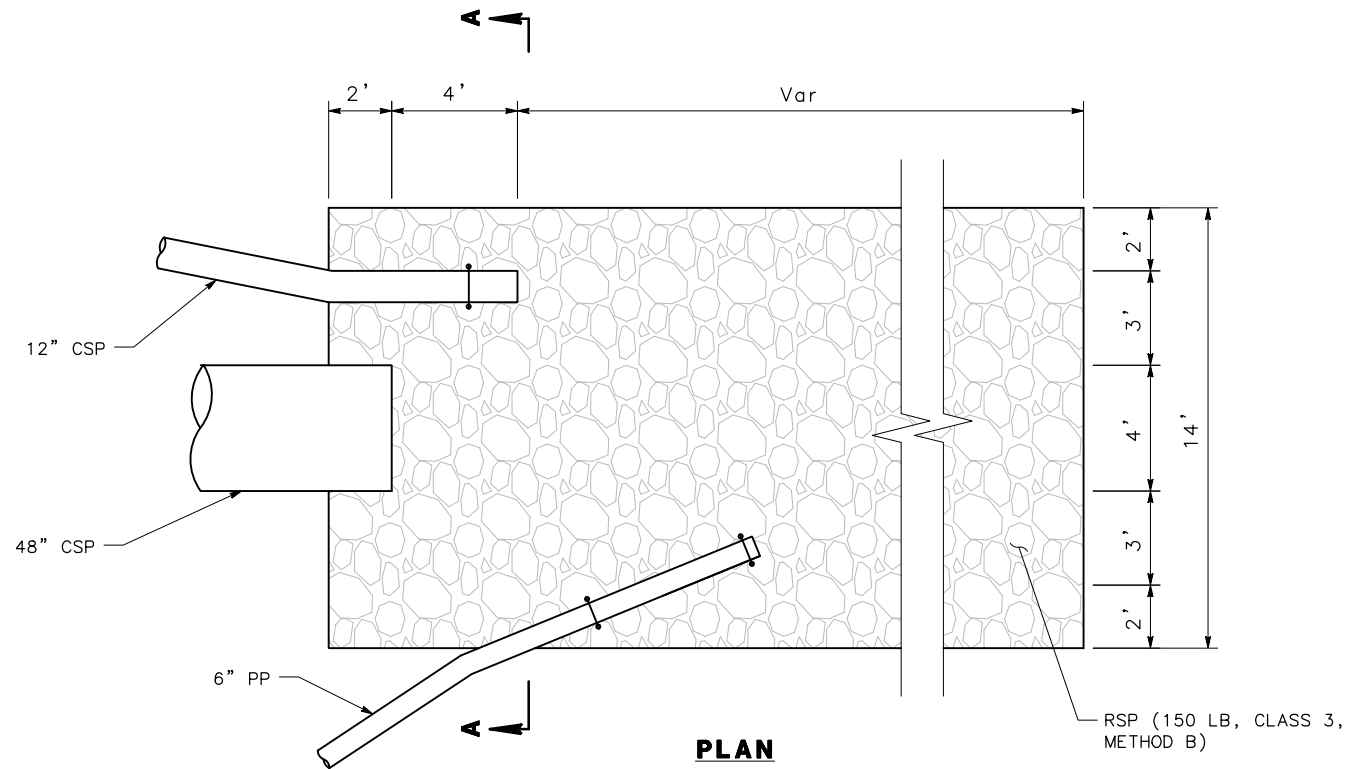
PLAN **SECTION A-A**
ELBOW ENERGY DISSIPATOR & ROCK SLOPE PROTECTION DETAIL (1/-)

3 12



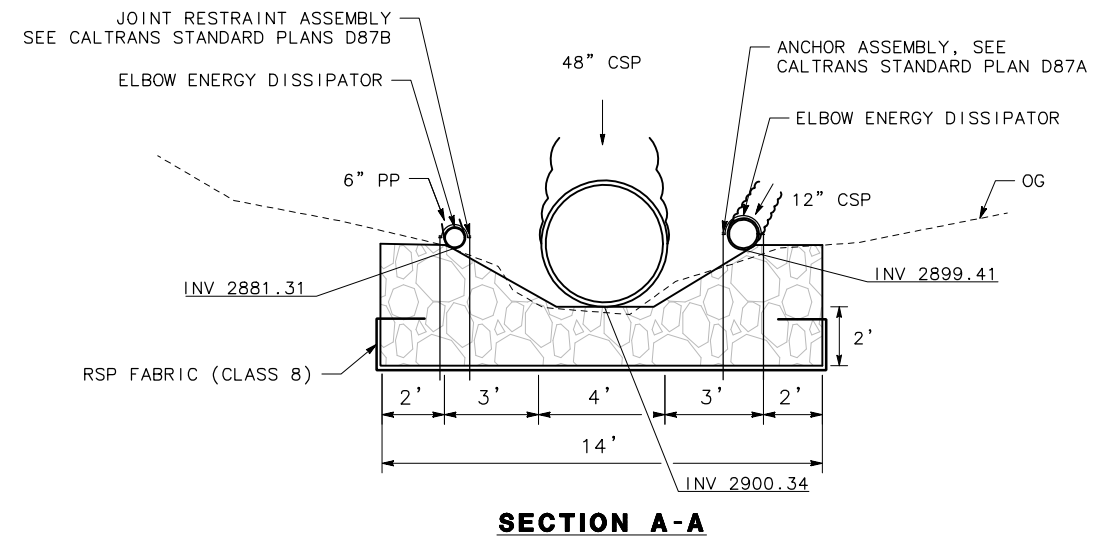
PLAN **SECTION A-A**
ROCK SLOPE PROTECTION DETAIL AT PLASTIC PIPE (2/-)

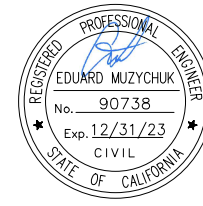
1 2 4 5



PLAN **SECTION A-A**
ROCK SLOPE PROTECTION DETAIL AT 48" CSP (3/-)

7 8



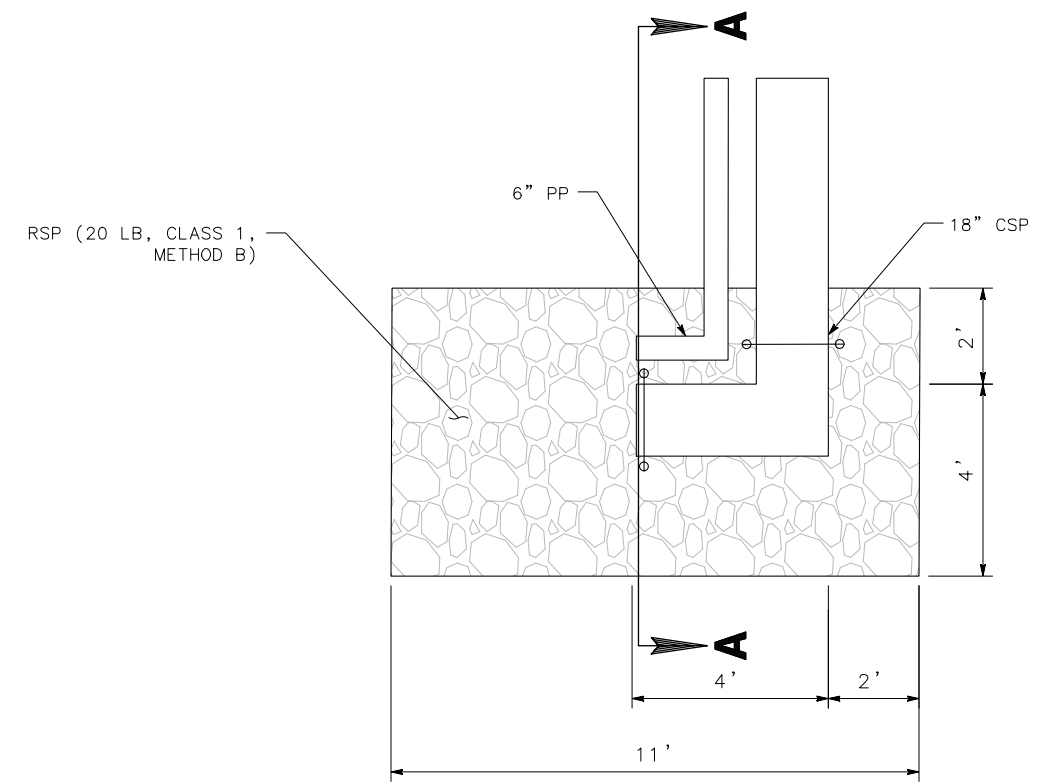


ROAD NAME: ALDERPOINT ROAD	MILE POST: 5.0, 6.98, 7.25, 7.37, 7.58
ROAD NO: F6B165	EA NO:
PROJECT NO:	BRIDGE NO: N/A
CONTRACT NO.:	DRAWING FILE NAME:
PLOT DATE: FEBRUARY 2023	REVISION DATE:

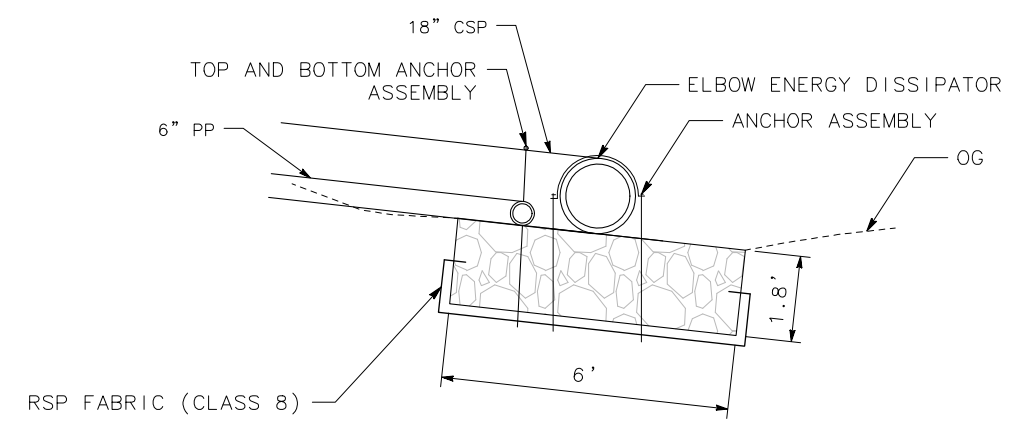
MARK THOMAS
 DESIGNED BY: FL/KH
 DRAWN BY: FL/KH/CM
 REVIEWED BY: GH/KD
 APPROVED BY: JH/EM

COUNTY OF HUMBOLDT
DEPARTMENT OF PUBLIC WORKS
ALDERPOINT RD STORM DAMAGE
DRAINAGE DETAILS

SHEET **52**
 OF
52



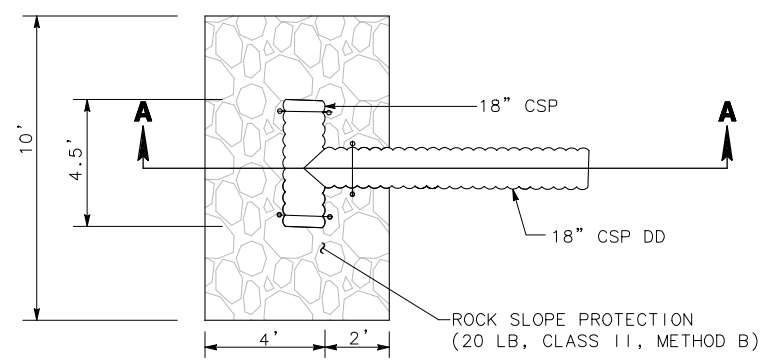
PLAN



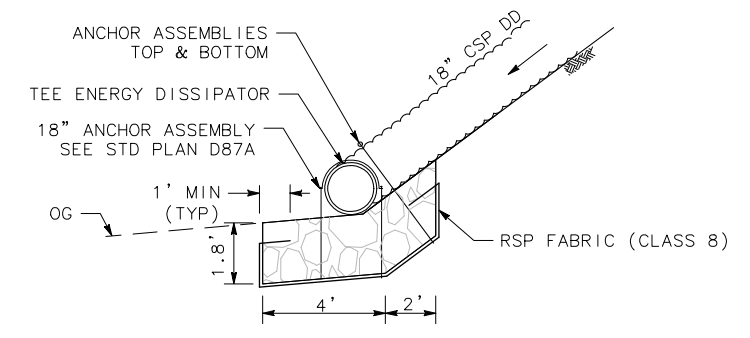
SECTION A-A

ROCK SLOPE PROTECTION DETAIL AT OVERSIDE DRAIN 4

10



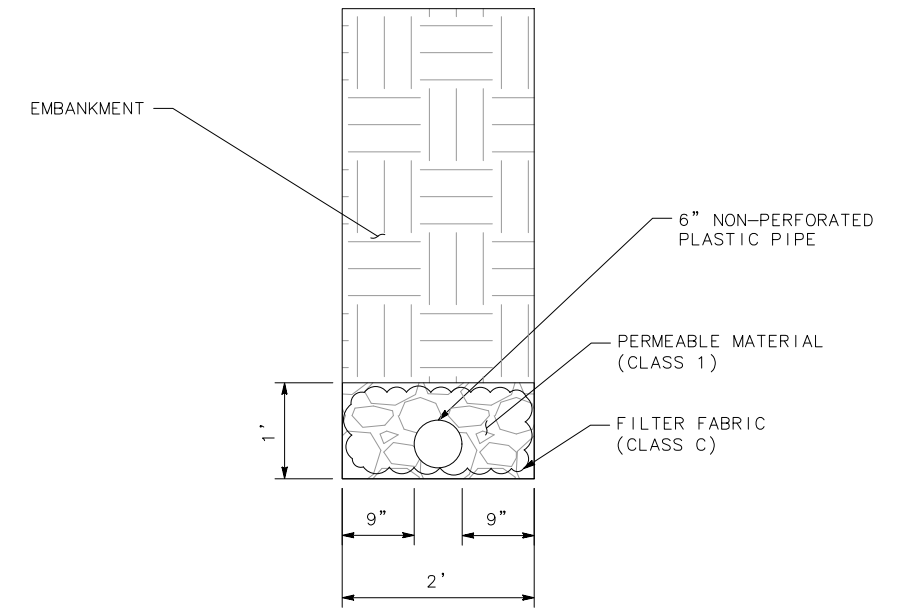
PLAN



SECTION A-A

TEE ENERGY DISSIPATOR & ROCK SLOPE PROTECTION DETAIL 5

1 6 11



UNDERDRAIN OUTLET 6
 NO SCALE