

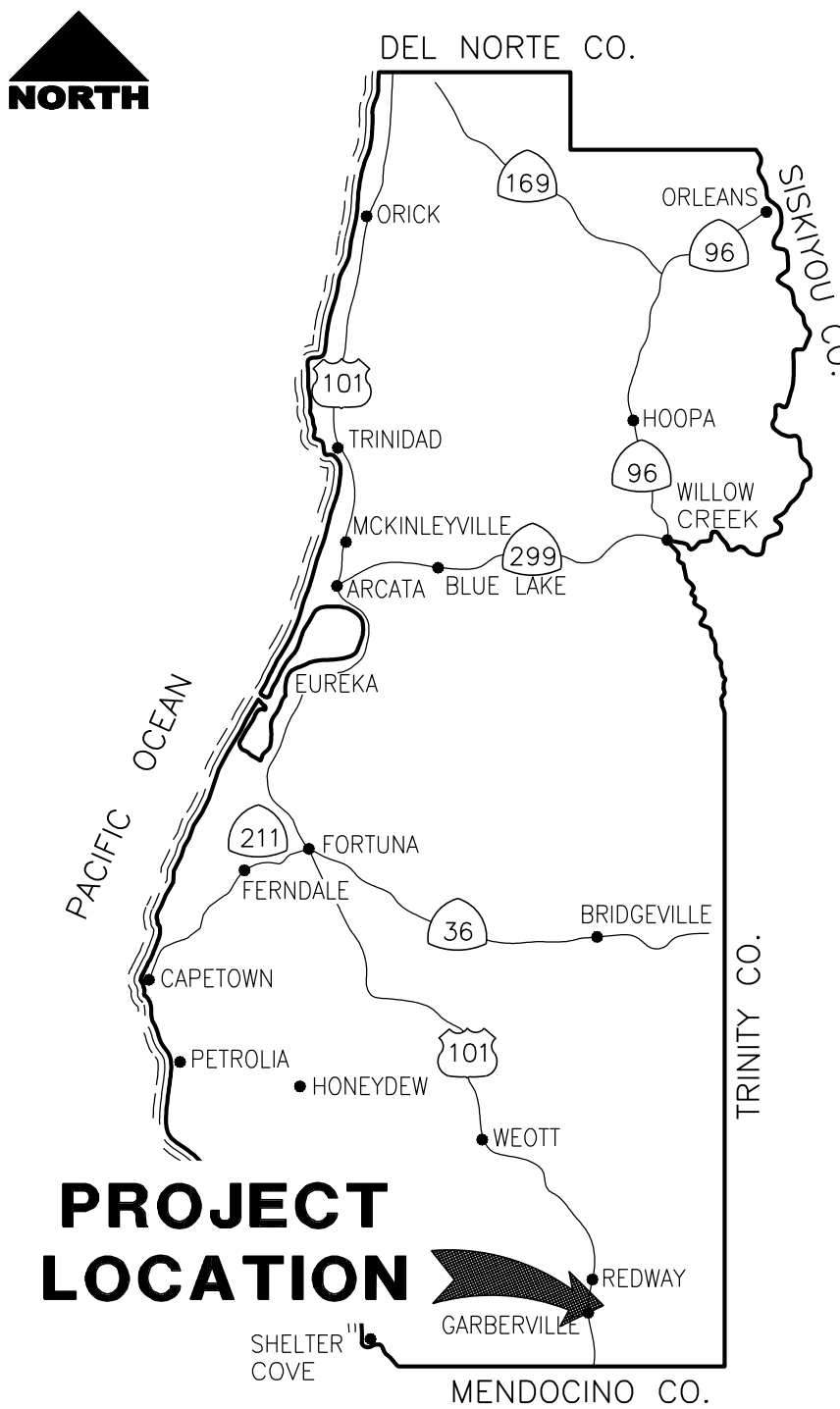
FUNDING SOURCE

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



COUNTY OF HUMBOLDT
DEPARTMENT OF PUBLIC WORKS

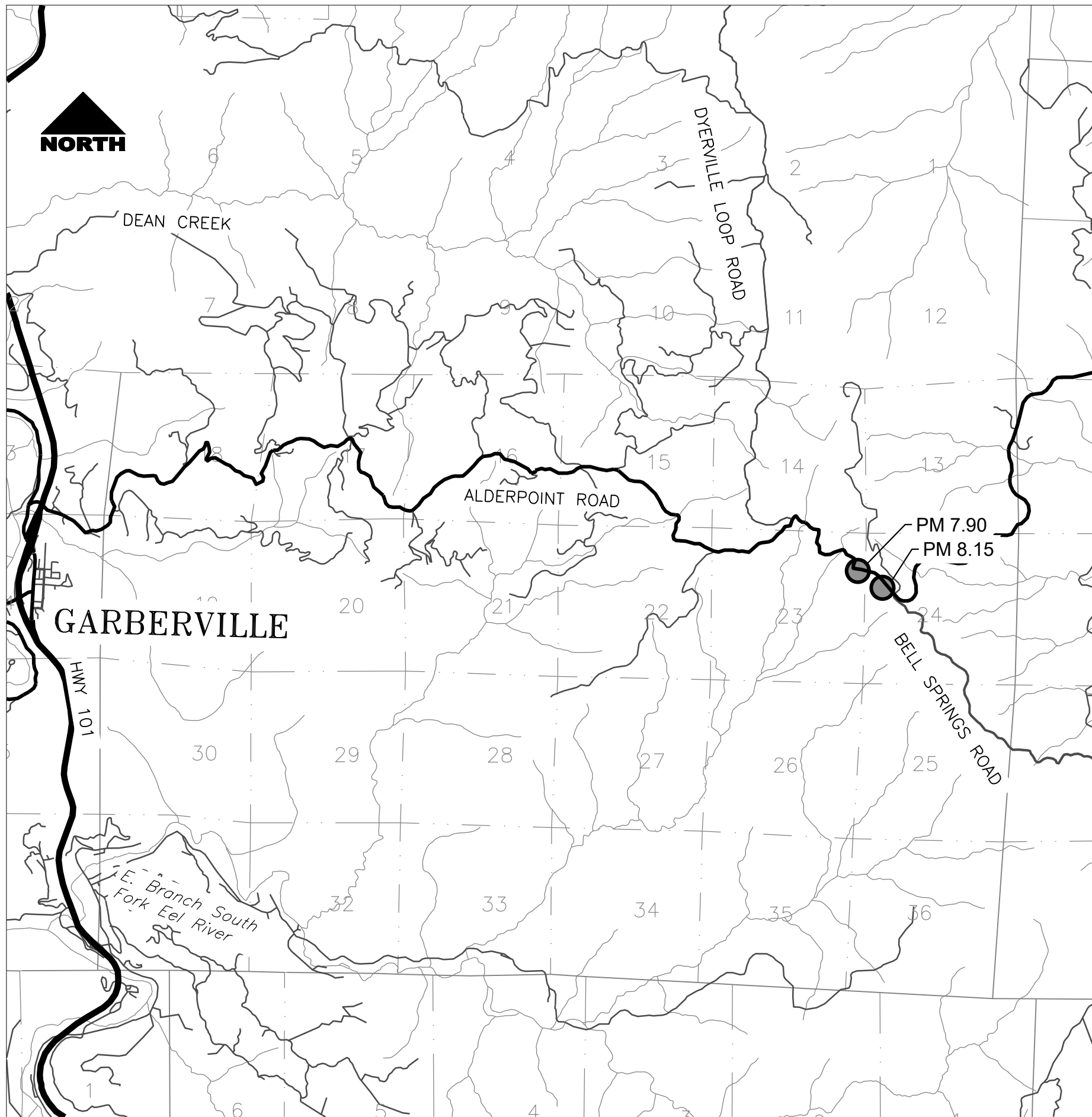
PROJECT PLANS FOR CONSTRUCTION OF
STORM DAMAGE REPAIR TO
ALDERPOINT ROAD (F6B165) AT P.M. 7.90 & 8.15
PROJECT NO. ER-32L0(292) & ER-32L0(293)
CONTRACT NO. 217259 & 217260



LOCATION MAP

SCALE: 1"=10± MILE

PM 7.90: 40.103071, -123.691335 (LATITUDE, LONGITUDE)
PM 8.15: 40.101422, -123.687509 (LATITUDE, LONGITUDE)



VICINITY MAP

1" = 4,000'



INDEX OF SHEETS

1	COVER SHEET, SHEET INDEX, AND MAPS	15	PROJECT CONTROL PM 8.15
2	QUANTITIES, CONSTRUCTION SIGNS, STOCKPILE & TRAFFIC CONTROL	16	PM 8.15 TYPICAL SECTIONS & PAY LIMITS
3	PROJECT CONTROL PM 7.90	17	PM 8.15 STAGE CONSTRUCTION & K-RAIL LAYOUT
4	PM 7.90 TYPICAL SECTIONS & PAY LIMITS	18	PM 8.15 PLAN & PROFILE
5	PM 7.90 STAGE CONSTRUCTION & K-RAIL LAYOUT	19	PM 8.15 DRAINAGE LAYOUT & ELEVATION
6	PM 7.90 PLAN & PROFILE	20	PM 8.15 DRAINAGE DETAILS
7	PM 7.90 DRAINAGE LAYOUT	21	PM 8.15 EROSION CONTROL
8	PM 7.90 WALL ELEVATION & DRAINAGE DETAIL	22	PM 8.15 SIGNING & STRIPING
9	PM 7.90 EROSION CONTROL	23-25	PM 8.15 SECTIONS
10	PM 7.90 SIGNING & STRIPING		
11-14	PM 7.90 SECTIONS		

NOTES

THE CONTRACTOR SHALL HAVE A CLASS "A" LICENSE FOR THIS PROJECT.

PROJECT PLANS AND SPECIAL PROVISIONS TO BE SUPPLEMENTED BY THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION STANDARD PLANS, STANDARD SPECIFICATIONS AND THE LATEST REVISED 2025 STANDARD PLANS & SPECIFICATIONS

(SEE APPLICABLE STANDARD PLAN LIST IN SPECIAL PROVISIONS)

DESIGN DESIGNATION

ADT = 1,691 VEHICLES/DAY

V = 35 MPH

RECOMMENDED

Jeffrey A. Ball
JEFFREY A. BALL
RCE 70631, EXP. 6/30/2027

4-16-2026
DATE



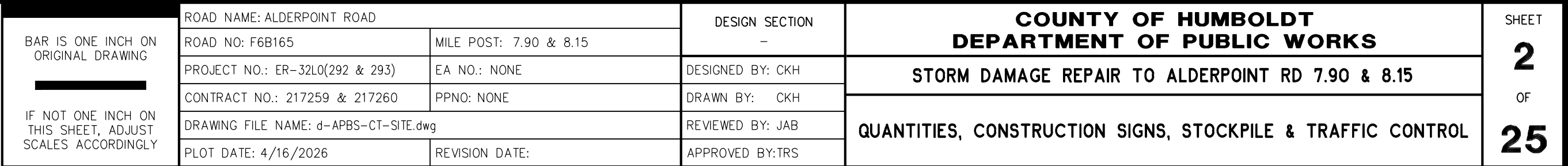
APPROVED

Tony R. Seghetti
TONY R. SEGHETTI
RCE 63714, EXP. 9/30/2026

4-16-2026
DATE



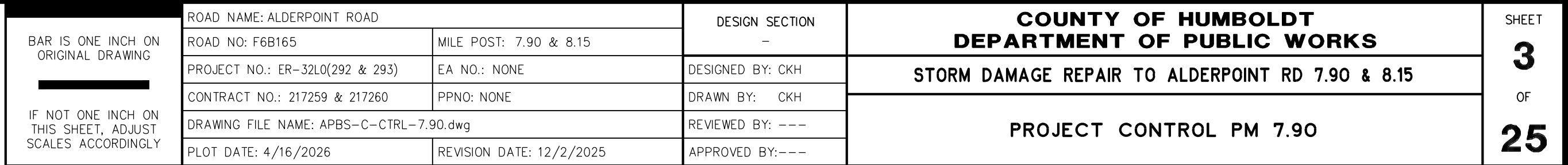
ORIGINAL LOW BID PRICE	CONSTRUCTED BY	RESIDENT ENGINEER
	PROJECT COMPLETED / /	CONSTRUCTION COST \$



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

- 1) MANAGE MATERIAL PER SECTION 13-4.03C OF THE 2025 CALTRANS STANDARD SPECIFICATIONS
- 2) IF STOCKPILE AREA IS IN A TURNOUT, THE TURNOUT SHALL BE REESTABLISHED TO PRE-CONSTRUCTION CONDITIONS
- 3) STOCKPILE LOCATIONS HAVE BEEN APPROVED BY PUBLIC WORKS AS DETAILED IN THE ENVIRONMENTAL REPORT.

CONSTRUCTION AREA SIGN SCHEDULE					
SIGN No.	SIGN DESIGNATION	PANEL SIZE	SIGN MESSAGE	NUMBER OF POSTS AND SIZE	QUANTITY
(A)	W20-1	30" x 30"	ROAD WORK AHEAD	(1) - 4" x 4"	3
(B)	W20-4	30" x 30"	ONE LANE ROAD AHEAD	(1) - 4" x 4"	2
(C)	W3-3	30" x 30"	SIGNAL SYMBOL	(1) - 4" x 4"	2
	W16-2aP	24" x 12"	500 FT		
(D)	R10-6	24" x 36"	STOP HERE ON RED	(1) - 4" x 4"	2
(E)	W3-1	30" x 30"	STOP SYMBOL	(1) - 4" x 4"	3
	W16-2aP	24" x 12"	500 FT		
(F)	R1-1	30" x 30"	STOP	(1) - 4" x 4"	2
	R-SPECIAL	24" X 18"	PROCEED WHEN CLEAR		
(G)	G20-2	36" x 18"	END ROAD WORK	(1) - 4" x 4"	3



ALIGNMENT SEGMENT GEOMETRY "A" LINE						
NO.	LENGTH	RADIUS	DIRECTION	A	START PT.	END PT.
C1	60.73	420.00	S21° 48' 52"W		"A" STA. 0+00.00 N. 1925574.95 E. 6088400.11	"A" STA. 0+60.73 N. 1925518.62 E. 6088377.56
C2	117.23	82.50	S23° 02' 10"E		"A" STA. 0+60.73 N. 1925518.62 E. 6088377.56	"A" STA. 1+77.96 N. 1925419.59 E. 6088419.67
C3	43.22	110.50	S74° 56' 59"E		"A" STA. 1+77.96 N. 1925419.59 E. 6088419.67	"A" STA. 2+21.18 N. 1925408.44 E. 6088461.14
C4	52.04	638.00	S88° 29' 31"E		"A" STA. 2+21.18 N. 1925408.44 E. 6088461.14	"A" STA. 2+73.23 N. 1925407.07 E. 6088513.15
C5	48.41	500.00	S88° 03' 19"E		"A" STA. 2+73.23 N. 1925407.07 E. 6088513.15	"A" STA. 3+21.63 N. 1925405.43 E. 6088561.52
C6	52.31	205.00	S77° 58' 16"E		"A" STA. 3+39.96 N. 1925403.92 E. 6088579.78	"A" STA. 3+92.28 N. 1925393.05 E. 6088630.81
C7	64.98	1000.00	S72° 31' 21"E		"A" STA. 3+92.28 N. 1925393.05 E. 6088630.81	"A" STA. 4+57.26 N. 1925373.53 E. 6088692.78
L1	18.33		S85° 16' 54"E		"A" STA. 3+21.63 N. 1925405.43 E. 6088561.52	"A" STA. 3+39.96 N. 1925403.92 E. 6088579.78
L2	115.27		S74° 23' 03"E		"A" STA. 4+57.26 N. 1925373.53 E. 6088692.78	"A" STA. 5+72.53 N. 1925342.51 E. 6088803.80

APN: 223-012-016

APN: 223-012-016

UNDERGROUND UTILITY NOTE

UNDERGROUND UTILITIES ARE SHOWN BASED ON A COMBINATION OF VISIBLE PHYSICAL EVIDENCE AND RECORDS MADE AVAILABLE TO THE SURVEYOR.

THE SURVEYOR MAKES NO GUARANTEES THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES ARE IN THE EXACT LOCATIONS INDICATED. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES.

CALL UNDERGROUND SERVICE ALERT (USA) 1-800-642-2444 A MINIMUM OF 48 HOURS PRIOR TO ANY EXCAVATIONS.

FACTOR OF 0.99983563 TO OBTAIN GROUND DISTANCES. MAPPING ANGLE AND GRID SCALE FACTOR ARE TAKEN AT CONTROL POINT NUMBER 50, A 12 INCH SPIKE. ELEVATIONS ARE NAVD 88 DATUM BASED ON OPUS SOLUTION UTILIZING THE GEOID 12B MODEL. AN ELEVATION OF 3028.20 FEET WAS MEASURED AT THE AFOREMENTIONED CONTROL POINT 50.

3. CONTOURS AND SPOT ELEVATIONS WERE OBTAINED BY CONVENTIONAL SURVEY TECHNIQUES. ONLY TREES 12 INCH AND BIGGER WERE LOCATED; NUMEROUS OTHER SMALLER TREES EXIST WITHIN AREA SURVEYED AND ARE NOT SHOWN. TREE LOCATIONS ARE GENERALLY SHOWN AT BREAST HEIGHT AND ARE APPROXIMATE DUE TO THE FACT NOT ALL TREES ARE GROWING VERTICALLY.

4. 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.

5. NO BOUNDARY SURVEYS WERE CONDUCTED AS PART OF THIS SURVEY. OWNERSHIP WAS NOT DETERMINED AS HUMBOLDT COUNTY ASSESSOR DEED REFERENCE (2002-17696-5) DOES NOT DESCRIBE THIS PARCEL. ADDITIONAL RESEARCH WILL BE NEEDED TO DETERMINE OWNERSHIP.

Point	Easting	Northing	Angle	Distance	Notes
C11	47.16	184.80	S77° 58' 16"E		"WL" STA. 1+48.65 N. 1925383.79 E. 6088578.12
C12	49.20	1020.20	S72° 02' 32"E		"WL" STA. 1+95.80 N. 1925373.99 E. 6088624.12
L3	18.33		S85° 16' 54"E		"WL" STA. 1+30.32 N. 1925385.30 E. 6088559.86

Point	Easting	Northing	Angle	Distance	Notes
C4	52.04	638.00	S88° 29' 31"E		"A" STA. 2+21.18 N. 1925408.44 E. 6088461.14
C5	48.41	500.00	S88° 03' 19"E		"A" STA. 2+73.23 N. 1925407.07 E. 6088513.15
C6	52.31	205.00	S77° 58' 16"E		"A" STA. 3+39.96 N. 1925403.92 E. 6088579.78
C7	64.98	1000.00	S72° 31' 21"E		"A" STA. 3+92.28 N. 1925393.05 E. 6088630.81
L1	18.33		S85° 16' 54"E		"A" STA. 3+21.63 N. 1925405.43 E. 6088561.52
L2	115.27		S74° 23' 03"E		"A" STA. 4+57.26 N. 1925373.53 E. 6088692.78

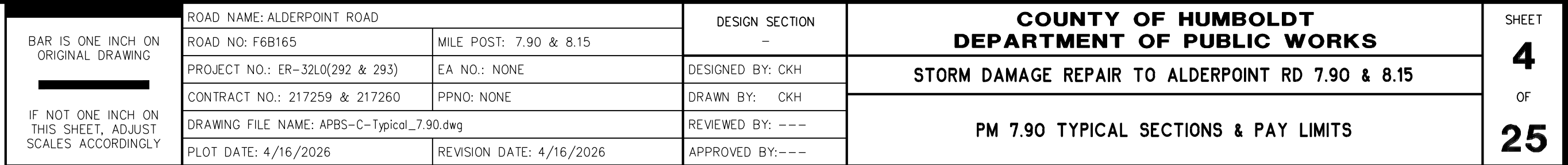
The map displays a road alignment with stationing from 0+00 to 5+73. Key features include:
- **Alignment 'A'**: A dashed line representing the proposed road alignment.
- **Alignment 'WL'**: A solid line representing the existing road alignment.
- **Stationing**: Marked along the alignment from 0+00 to 5+73.
- **Control Points**: Labeled C11, C12, L3, C4, C5, C6, C7, L1, L2, C8, C9, C10, C11, C12, L3, C4, C5, C6, C7, L1, L2.
- **Spot Elevations**: Indicated by triangles with numbers like #53 (EL=3013.68) and #52 (EL=3032.72).
- **Contours**: Dashed lines showing elevation contours (e.g., 3000, 3010, 3020).
- **Right of Way**: Indicated by a dashed line labeled 'R/W 66'.

UNDERGROUND UTILITY NOTE

UNDERGROUND UTILITIES ARE SHOWN BASED ON A COMBINATION OF VISIBLE PHYSICAL EVIDENCE AND RECORDS MADE AVAILABLE TO THE SURVEYOR.

THE SURVEYOR MAKES NO GUARANTEES THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES ARE IN THE EXACT LOCATIONS INDICATED. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES.

CALL UNDERGROUND SERVICE ALERT (USA) 1-800-642-2444
A MINIMUM OF 48 HOURS PRIOR TO ANY EXCAVATIONS.



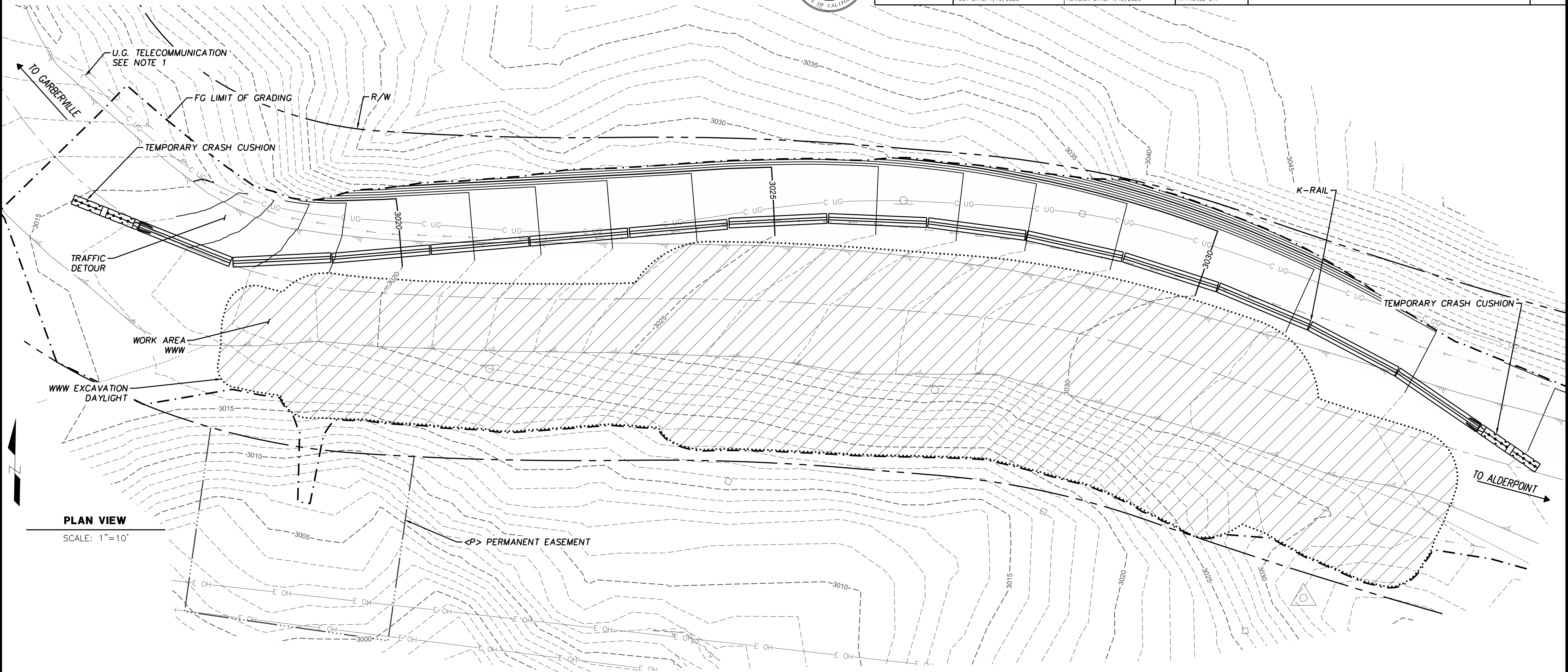
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NO SCALE

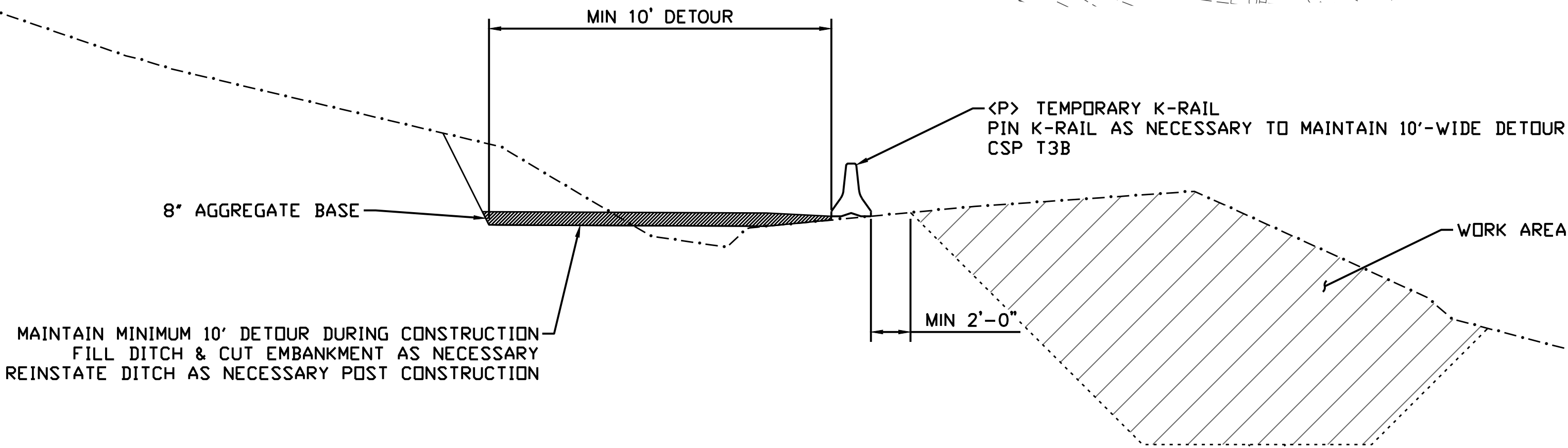


ROAD NAME: ALDERPOINT ROAD			DESIGN SECTION	COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS		SHEET
ROAD NO: F6B165	MILE POST: 7.90 & 8.15			STORM DAMAGE REPAIR TO ALDERPOINT RD 7.90 & 8.15		5
PROJECT NO.: ER-32LO(292 & 293)	EA NO.: NONE		DESIGNED BY: CKH	PM 7.90 STAGE CONSTRUCTION & K-RAIL LAYOUT		OF
CONTRACT NO.: 217259 & 217260	PPNO: NONE		DRAWN BY: CKH			25
DRAWING FILE NAME: 5 PM 7.90 Stage Construction & K-Rail Layout.dwg			REVIEWED BY: ---			
PLOT DATE: 4/16/2026	REVISION DATE: 4/16/2026		APPROVED BY: ---			



SHEET GENERAL NOTES

1. CONTRACTOR TO POTHOLE AND LOCATE UNDERGROUND FIBER-OPTIC CABLE TO DETERMINE IF CONFLICT EXISTS WITH TEMPORARY DETOUR. SEE SECTION 5 OF SPECIAL PROVISIONS FOR NOTIFYING AT&T IN THE EVENT OF A CONFLICT.
2. PAYMENT FOR POTHOLING IS INCLUDED UNDER THE BID ITEM FOR ROADWAY EXCAVATION.

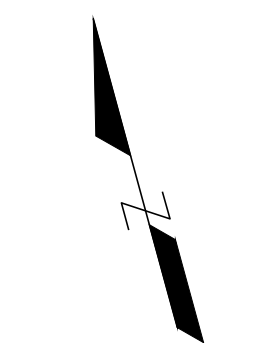
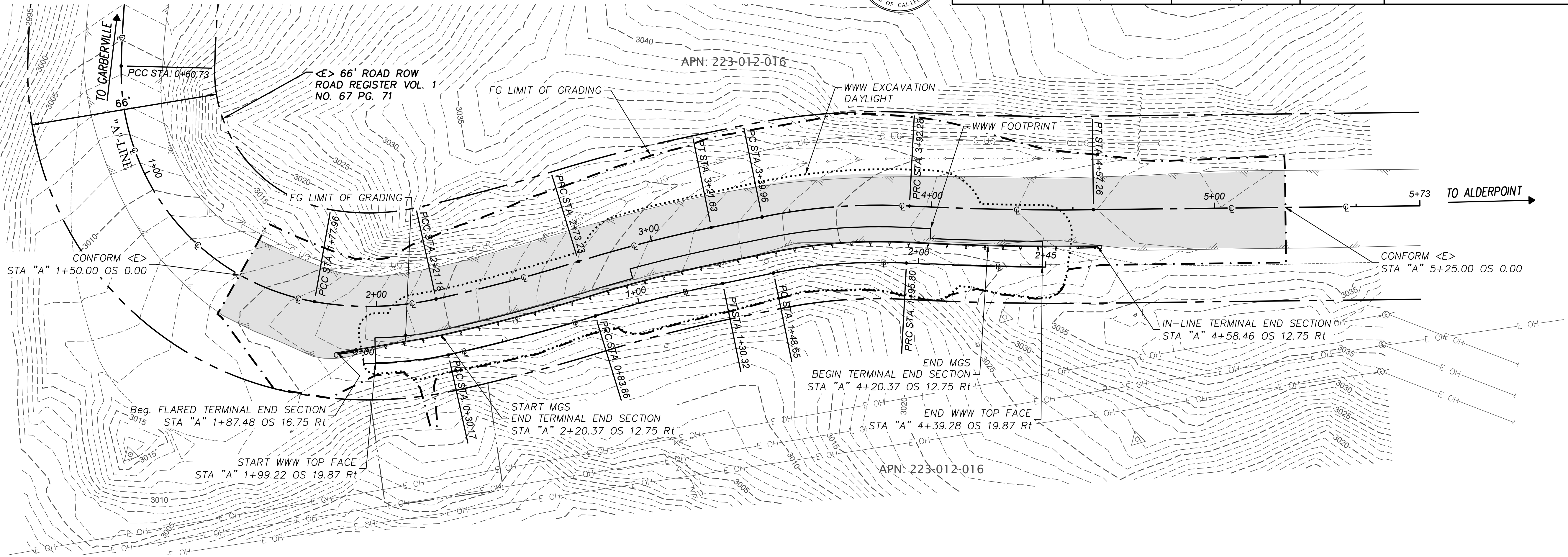


TYPICAL DETOUR

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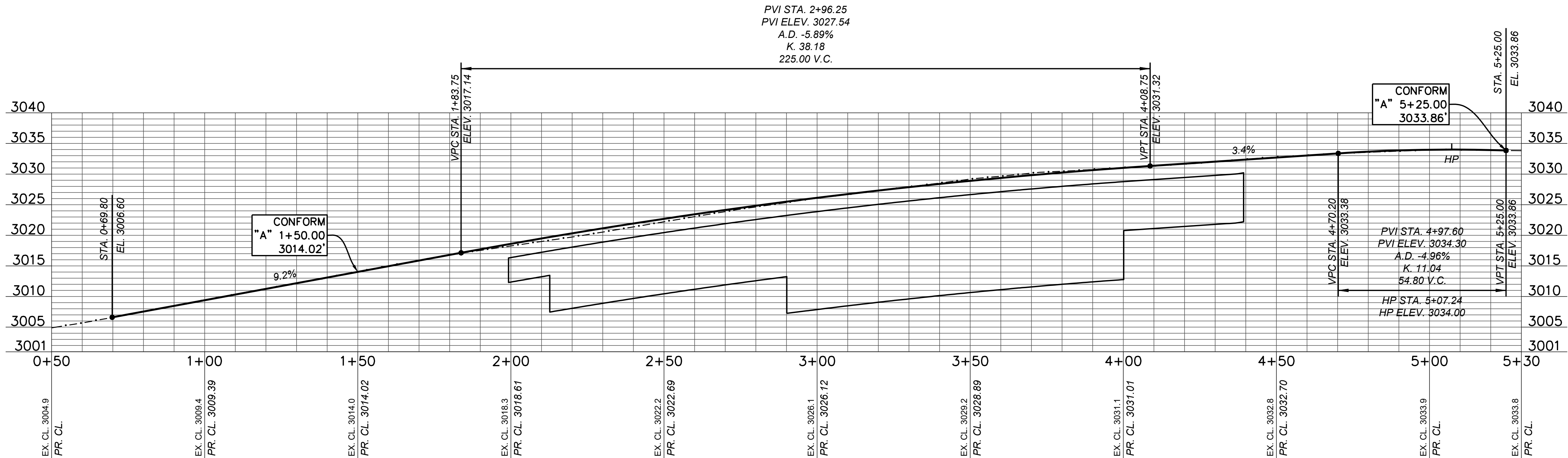


BAR IS ONE INCH ON ORIGINAL DRAWING IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	ROAD NAME: ALDERPOINT ROAD		DESIGN SECTION	COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS STORM DAMAGE REPAIR TO ALDERPOINT RD 7.90 & 8.15 PM 7.90 PLAN & PROFILE	SHEET 6 OF 25
	ROAD NO: F6B165	MILE POST: 7.90 & 8.15	---		
	PROJECT NO.: ER-32LO(292 & 293)	EA NO.: NONE	DESIGNED BY: CKH		
	CONTRACT NO.: 217259 & 217260	PPNO: NONE	DRAWN BY: CKH		
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	PLOT DATE: 4/16/2026		APPROVED BY: ---		



PLAN VIEW

SCALE: 1"=20'



PROFILE VIEW

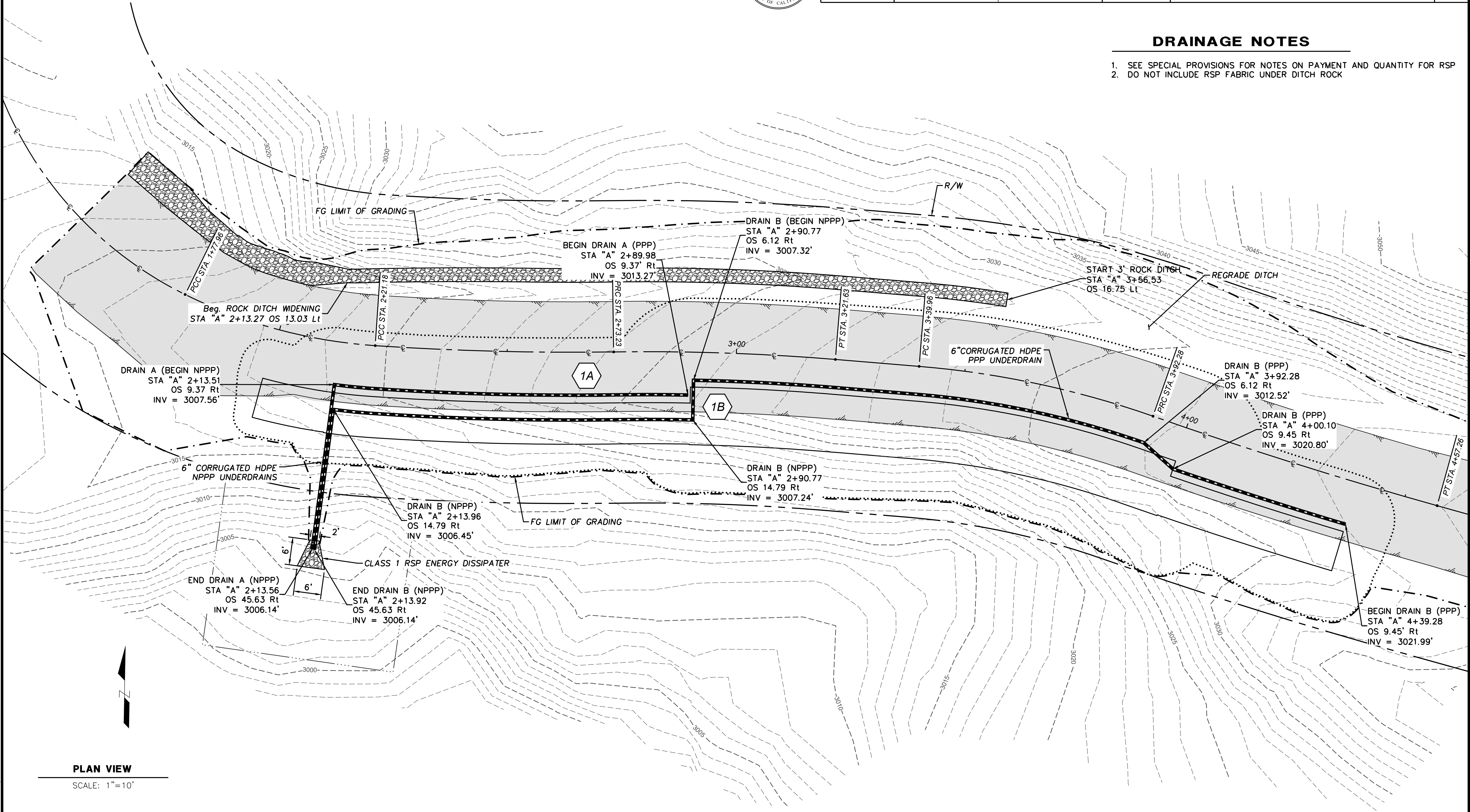
SCALE HORIZ: 1"=20'
SCALE VERT: 1"=10'



BAR IS ONE INCH ON ORIGINAL DRAWING IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	ROAD NAME: ALDERPOINT ROAD		DESIGN SECTION	COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS STORM DAMAGE REPAIR TO ALDERPOINT RD 7.90 & 8.15 PM 7.90 DRAINAGE LAYOUT	SHEET 7 OF 25
	ROAD NO: F6B165	MILE POST: 7.90 & 8.15	---		
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	CONTRACT NO.: 217259 & 217260	PPNO: NONE	DRAWN BY: CKH		
	DRAWING FILE NAME: APBS-C-DRAN-001.dwg		REVIEWED BY: ---		
	PLOT DATE: 4/16/2026	REVISION DATE: 4/16/2026	APPROVED BY: ---		

DRAINAGE NOTES

1. SEE SPECIAL PROVISIONS FOR NOTES ON PAYMENT AND QUANTITY FOR RSP
2. DO NOT INCLUDE RSP FABRIC UNDER DITCH ROCK

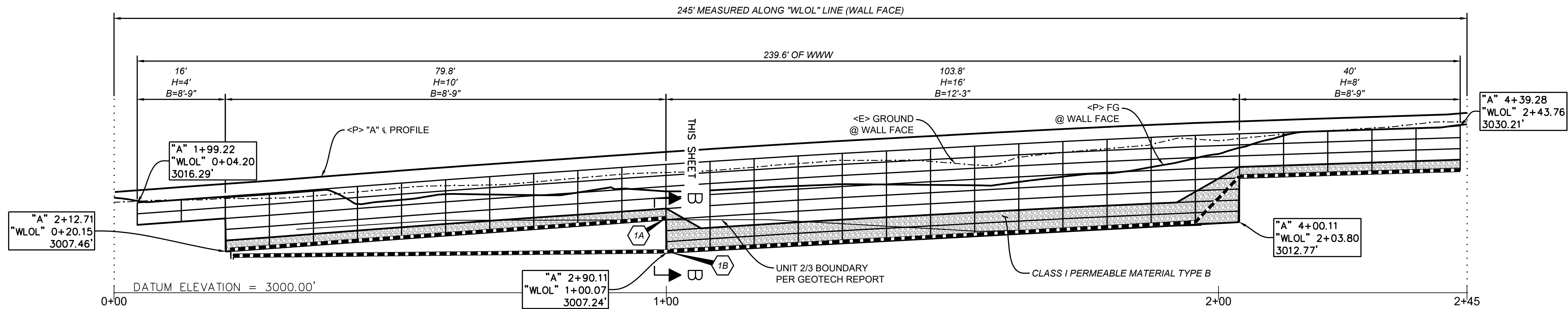


PLAN VIEW

SCALE: 1"=10'

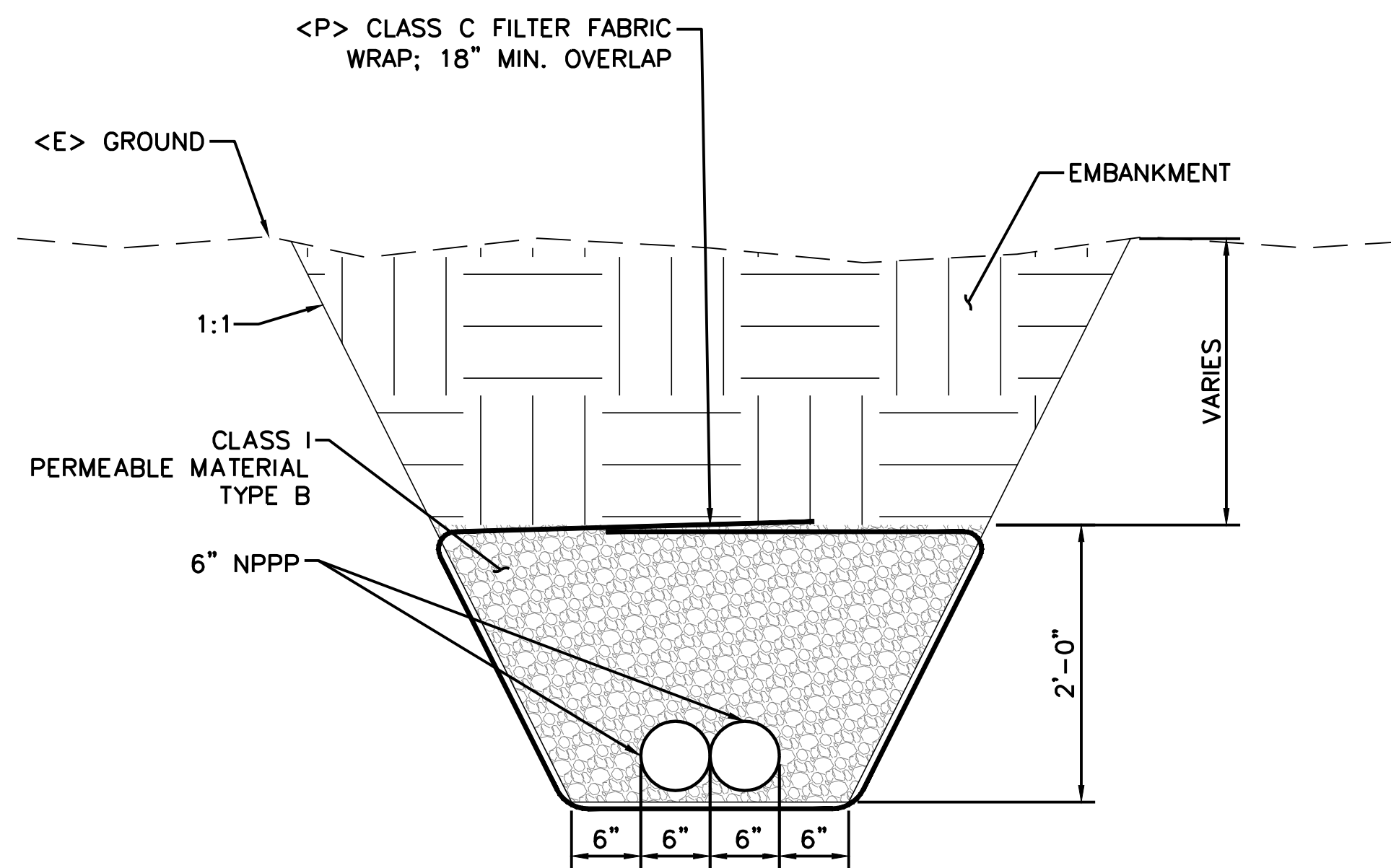


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	ROAD NO: F6B165	MILE POST: 7.90 & 8.15	---		
	PROJECT NO.: ER-32LO(292 & 293)	EA NO.: NONE	DESIGNED BY: CKH		
	CONTRACT NO.: 217259 & 217260	PPNO: NONE	DRAWN BY: CKH		
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	PLOT DATE: 4/16/2026		APPROVED BY: ---		



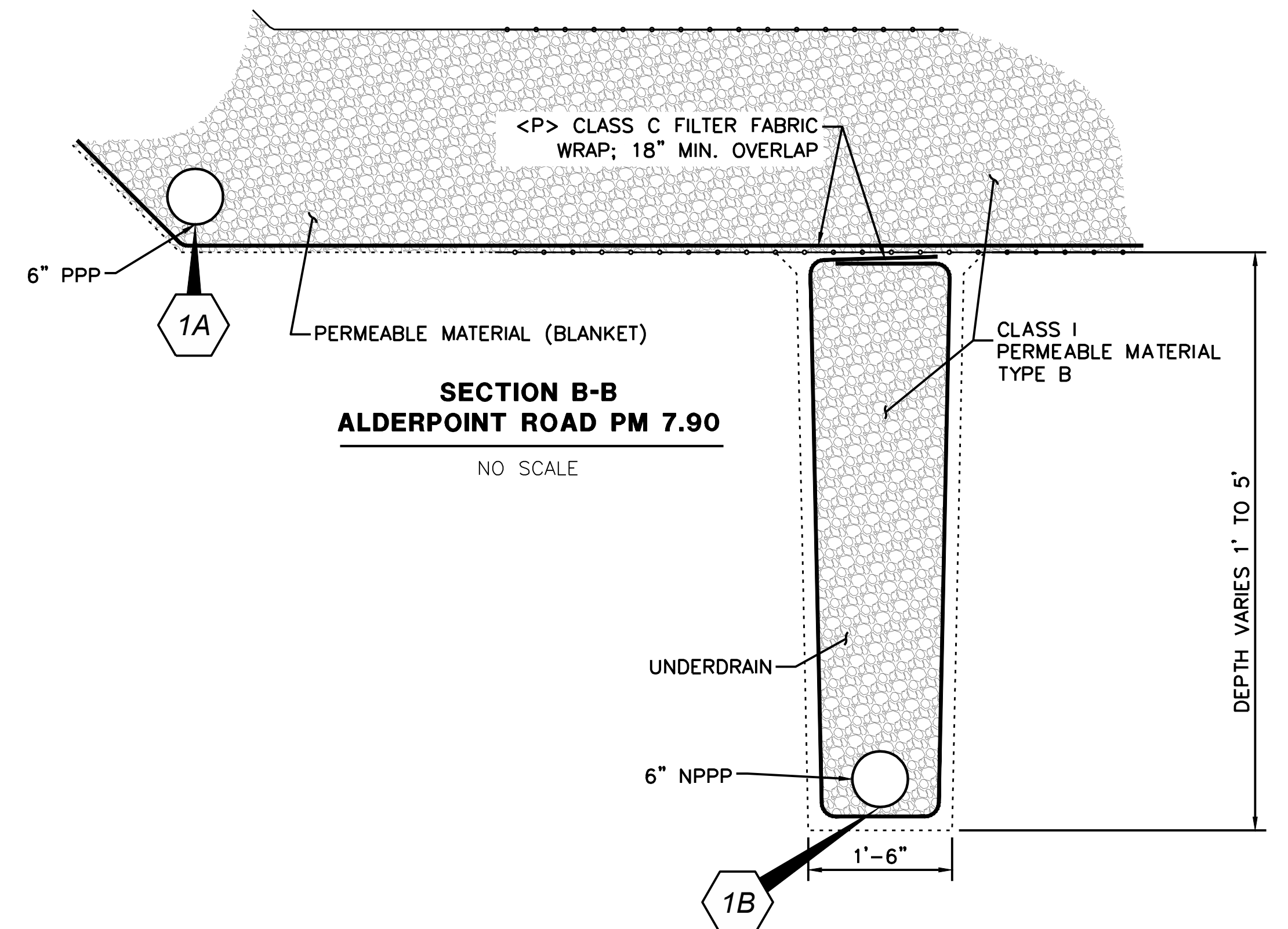
ELEVATION VIEW

SCALE 1" = 10'



SECTION A-A
ALDERPOINT ROAD PM 7.90

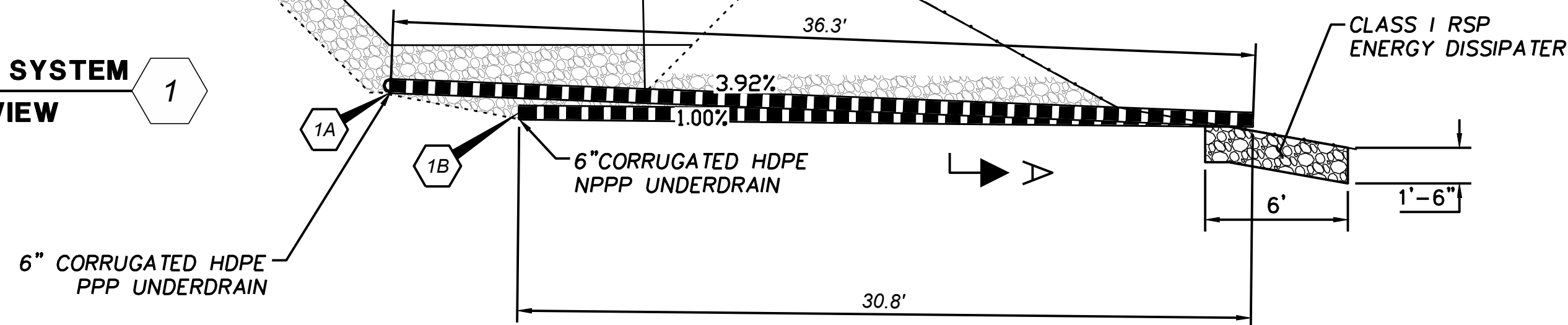
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SECTION B-B
ALDERPOINT ROAD PM 7.90

NO SCALE

DRAINAGE SYSTEM
SECTION VIEW

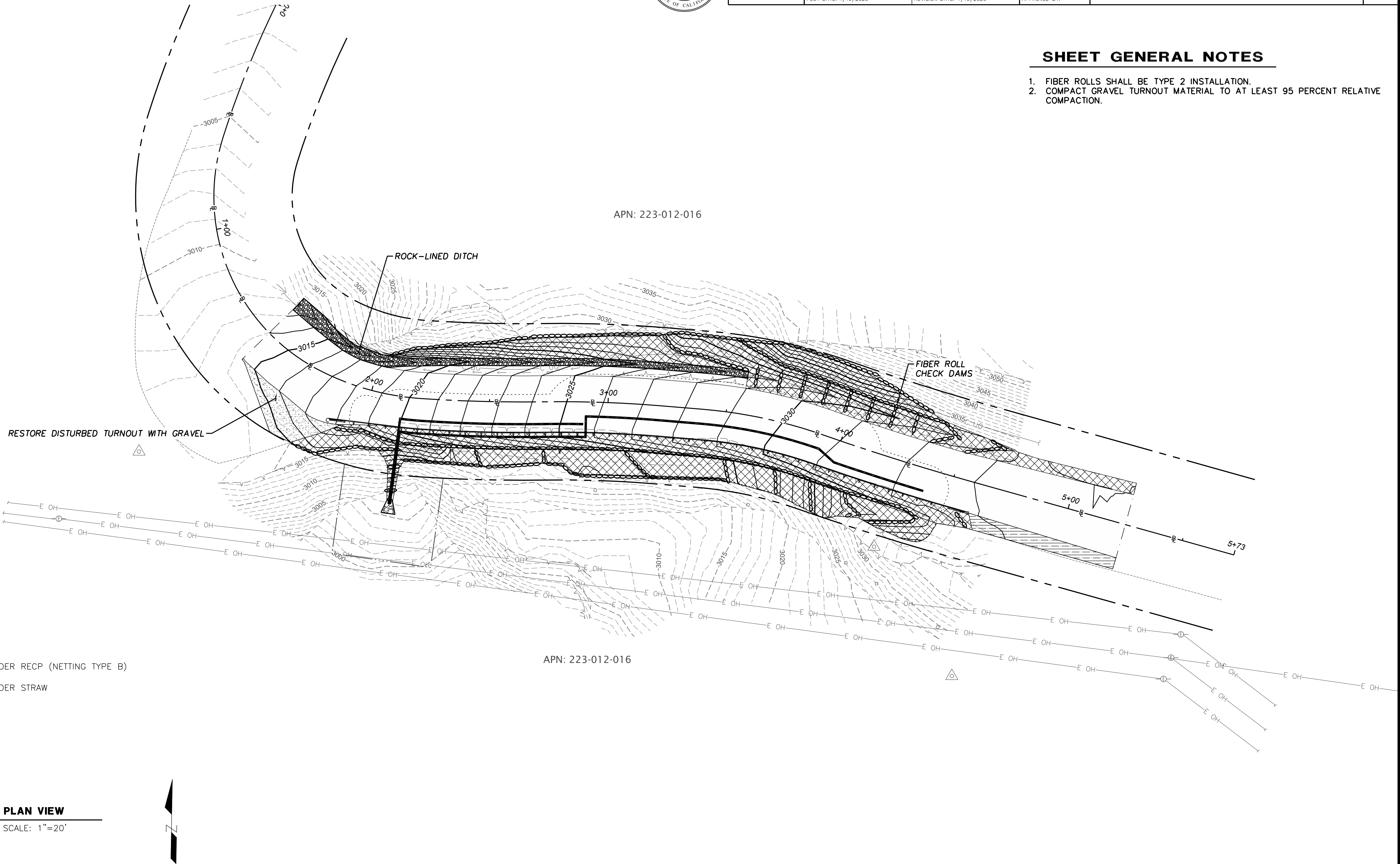




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	ROAD NO: F6B165	MILE POST: 7.90 & 8.15	---		
	PROJECT NO.: ER-32LO(292 & 293)	EA NO.: NONE	DESIGNED BY: CKH		
	CONTRACT NO.: 217259 & 217260	PPNO: NONE	DRAWN BY: CKH		
	DRAWING FILE NAME: d-APBS-C-EROS_AP790.dwg		REVIEWED BY: ---		
	PLOT DATE: 4/16/2026		APPROVED BY: ---		
		REVISION DATE: 4/16/2026			

SHEET GENERAL NOTES

- FIBER ROLLS SHALL BE TYPE 2 INSTALLATION.
- COMPACT GRAVEL TURNOUT MATERIAL TO AT LEAST 95 PERCENT RELATIVE COMPACTION.





BAR IS ONE INCH ON ORIGINAL DRAWING  IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	ROAD NAME: ALDERPOINT ROAD		DESIGN SECTION	COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS STORM DAMAGE REPAIR TO ALDERPOINT RD 7.90 & 8.15 PM 7.90 SIGNING & STRIPING	SHEET 10 OF 25
	ROAD NO: F6B165	MILE POST: 7.90 & 8.15	---		
	PROJECT NO.: ER-32LO(292 & 293)	EA NO.: NONE	DESIGNED BY: CKH		
	CONTRACT NO.: 217259 & 217260	PPNO: NONE	DRAWN BY: CKH		
	DRAWING FILE NAME: APBS-C-PM_AP790 Signing & Striping.dwg		REVIEWED BY: ---		
	PLOT DATE: 4/16/2026	REVISION DATE: 4/16/2026	APPROVED BY: ---		

LEDGEND

-  No. EXISTING PAVEMENT DELINEATION DETAIL
-  No. PROPOSED PAVEMENT DELINEATION DETAIL
-  MARKER BEG/END OF TRAFFIC STRIPE DETAIL
-  OBJECT MARKER OR DELINEATOR

SIGNING & STRIPING NOTES

1. STRIPING SHOWN ON THIS PAGE USES CALTRANS STRIPING DETAILS EXCEPT FOR WIDTH.
2. STRIPING SHALL BE 4" WIDE.



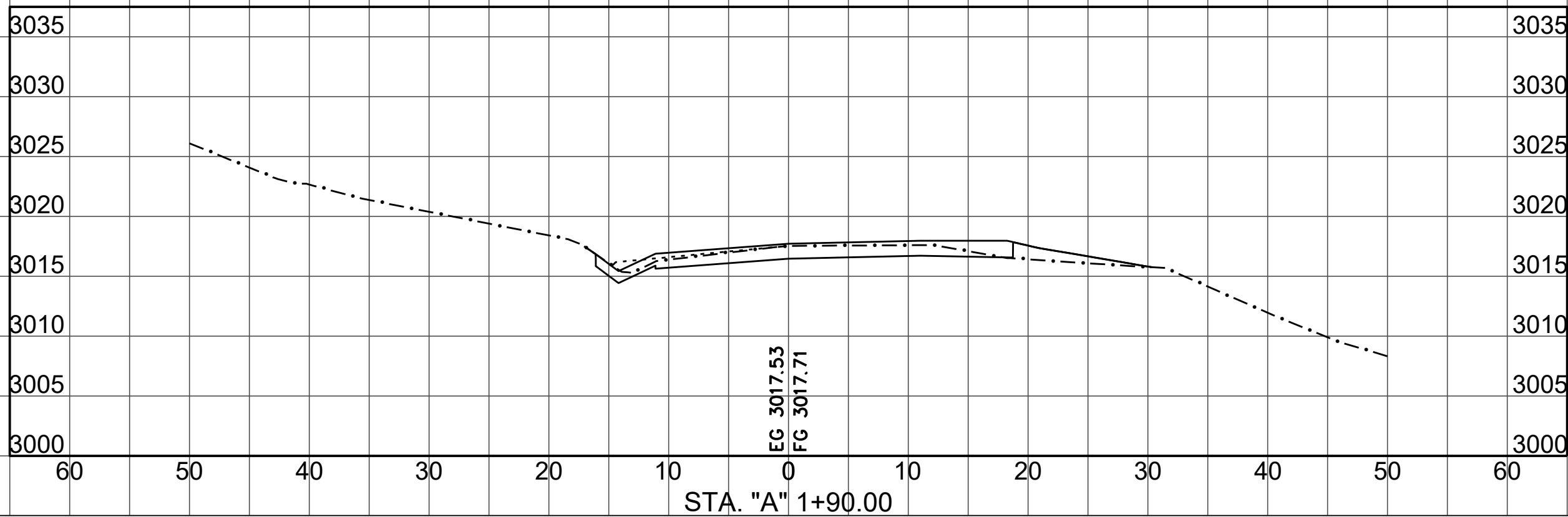
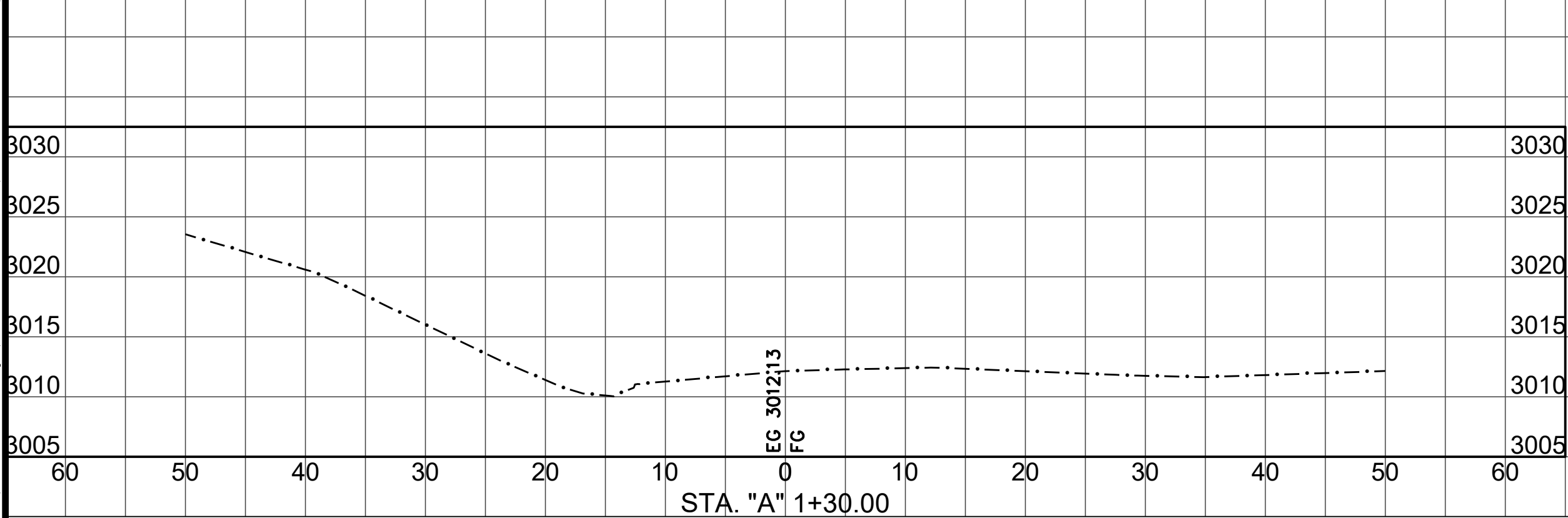
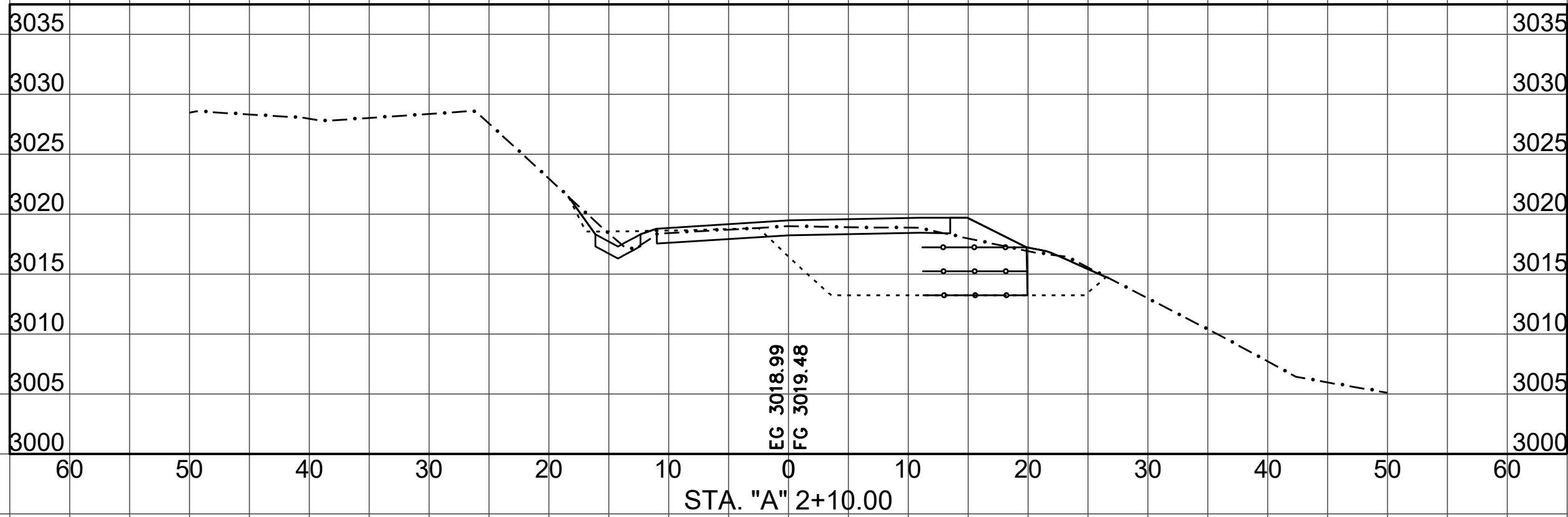
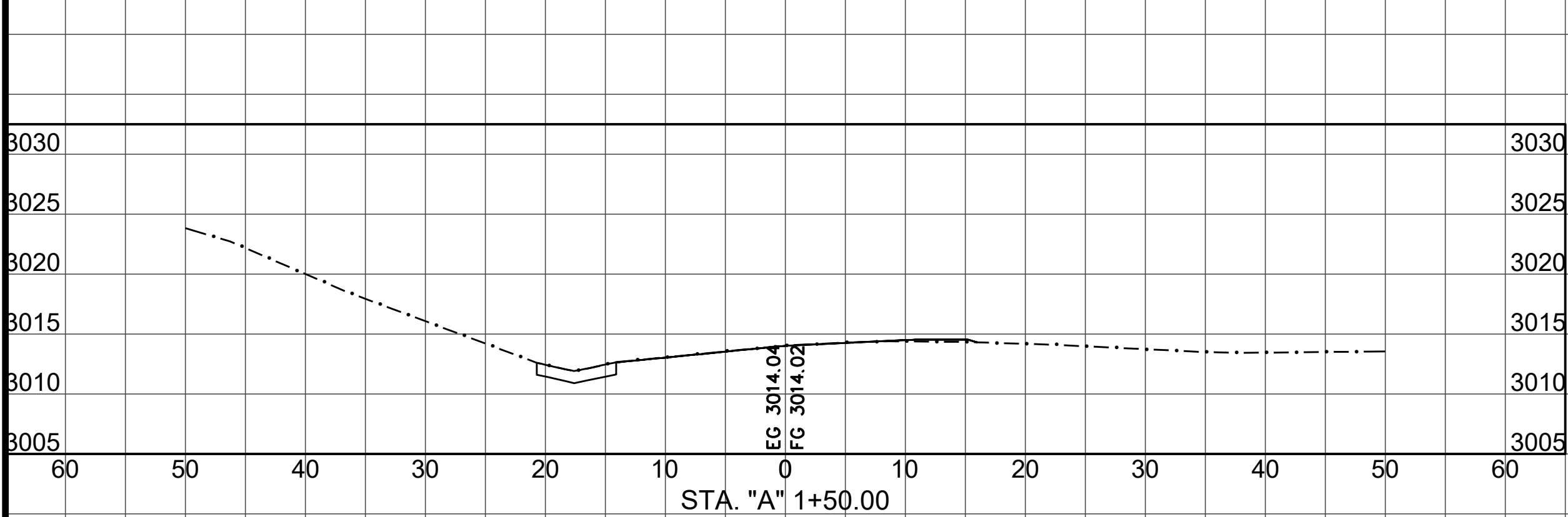
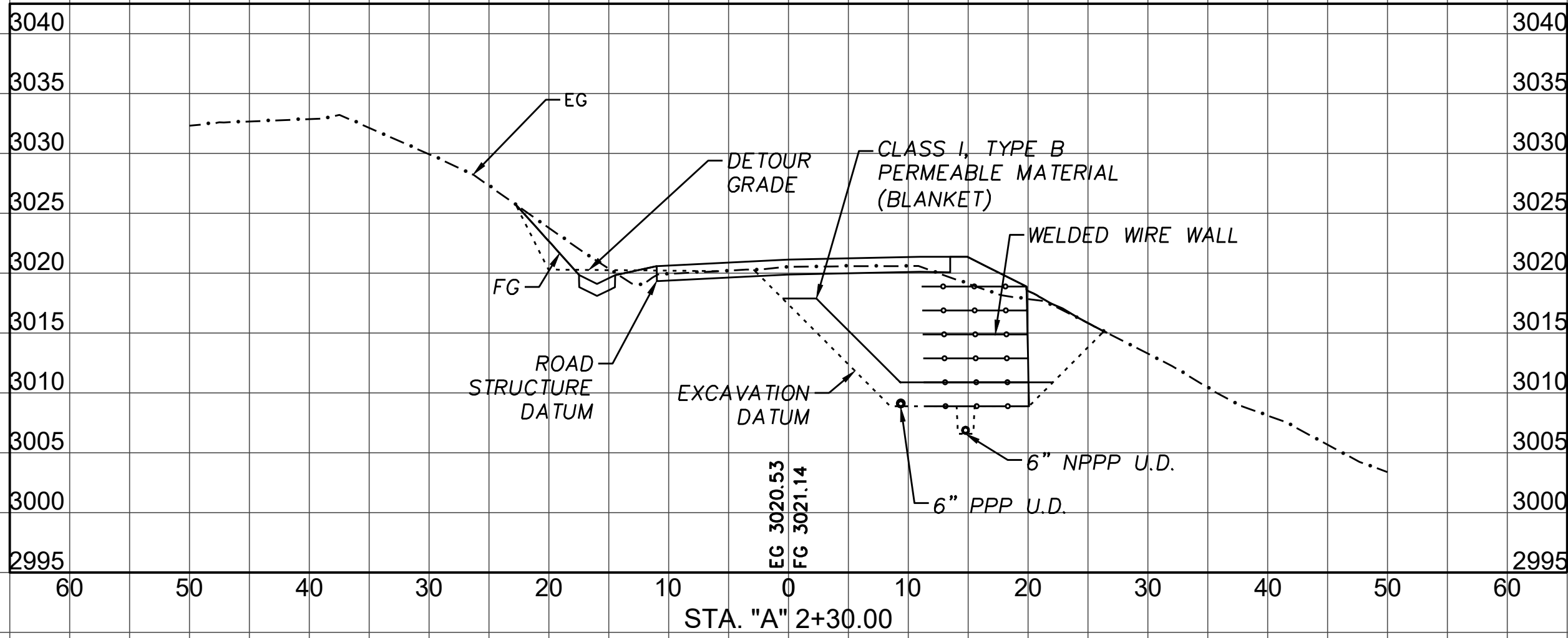
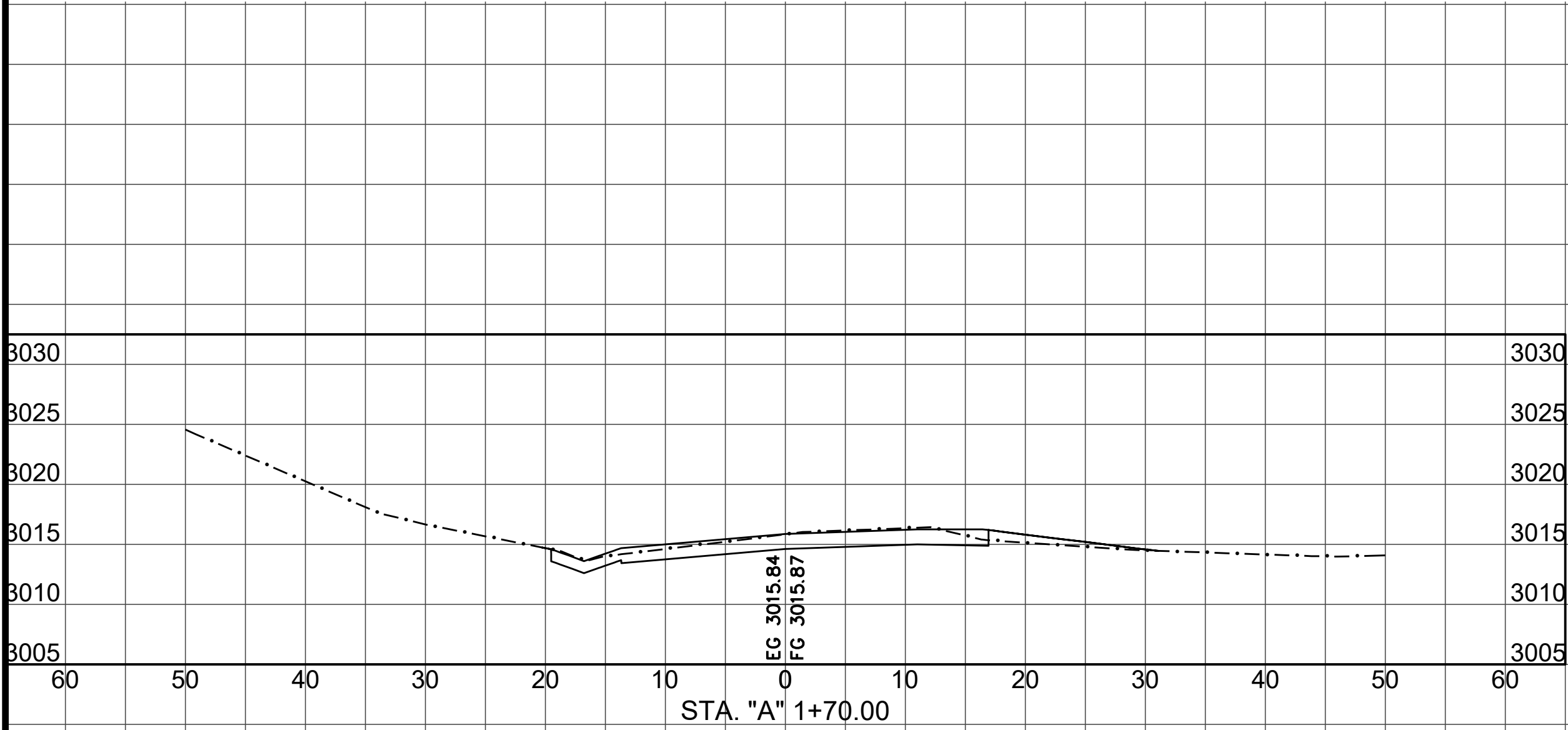
PLAN VIEW

SCALE: 1"=20'





BAR IS ONE INCH ON ORIGINAL DRAWING IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	ROAD NAME: ALDERPOINT ROAD		DESIGN SECTION	COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS STORM DAMAGE REPAIR TO ALDERPOINT RD 7.90 & 8.15 PM 7.90 SECTIONS	SHEET 11 OF 25
	ROAD NO: F6B165	MILE POST: 7.90 & 8.15	---		
	PROJECT NO.: ER-32L0(292 & 293)	EA NO.: NONE	DESIGNED BY: CKH		
	CONTRACT NO.: 217259 & 217260	PPNO: NONE	DRAWN BY: CKH		
	DRAWING FILE NAME: d-APBS-CO-ERTH_AP790_Rev4.dwg		REVIEWED BY: ---		
	PLOT DATE: 4/16/2026		APPROVED BY: ---		
		REVISION DATE: 4/15/2026			



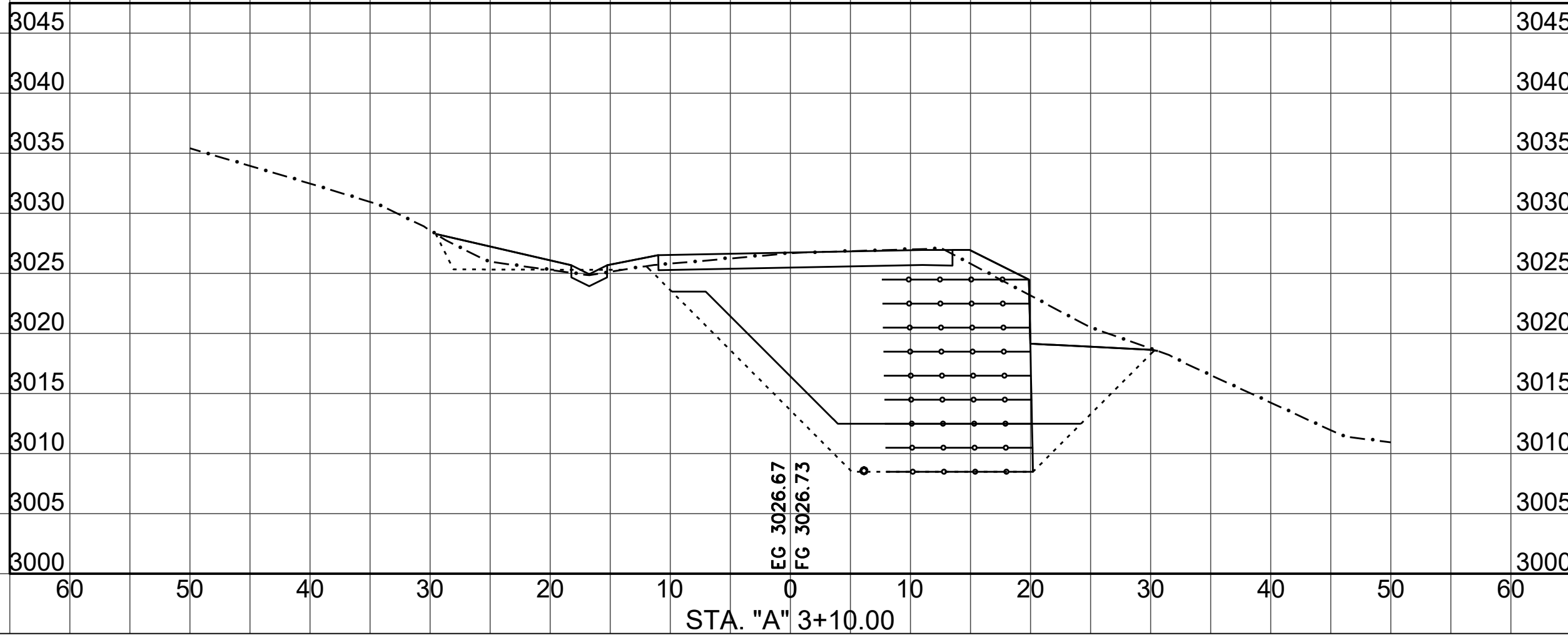
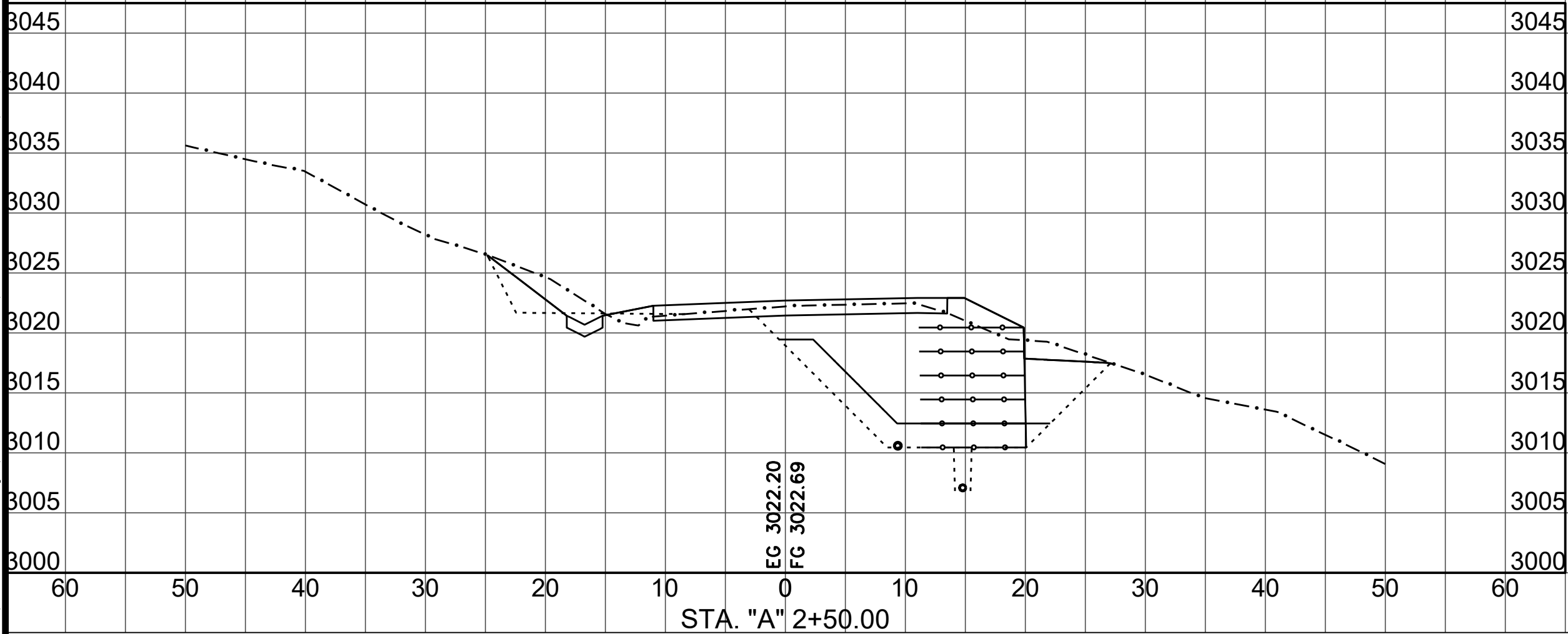
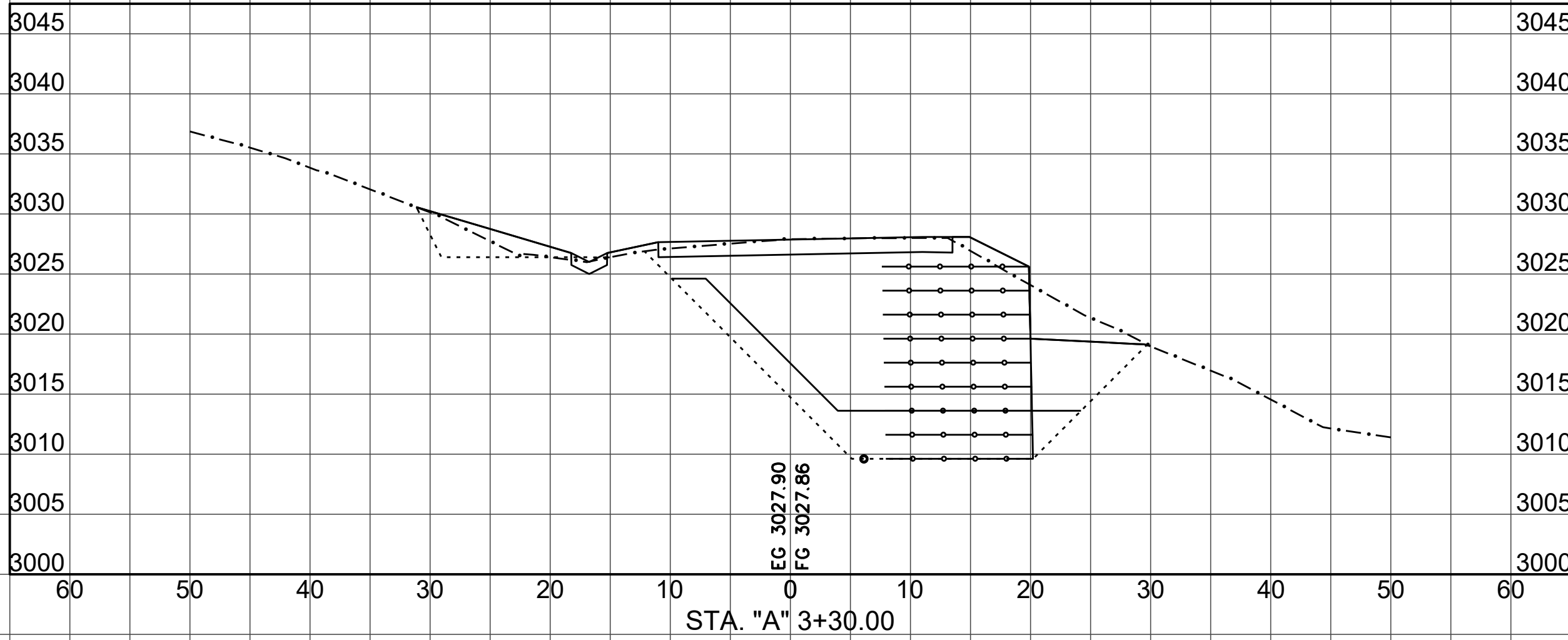
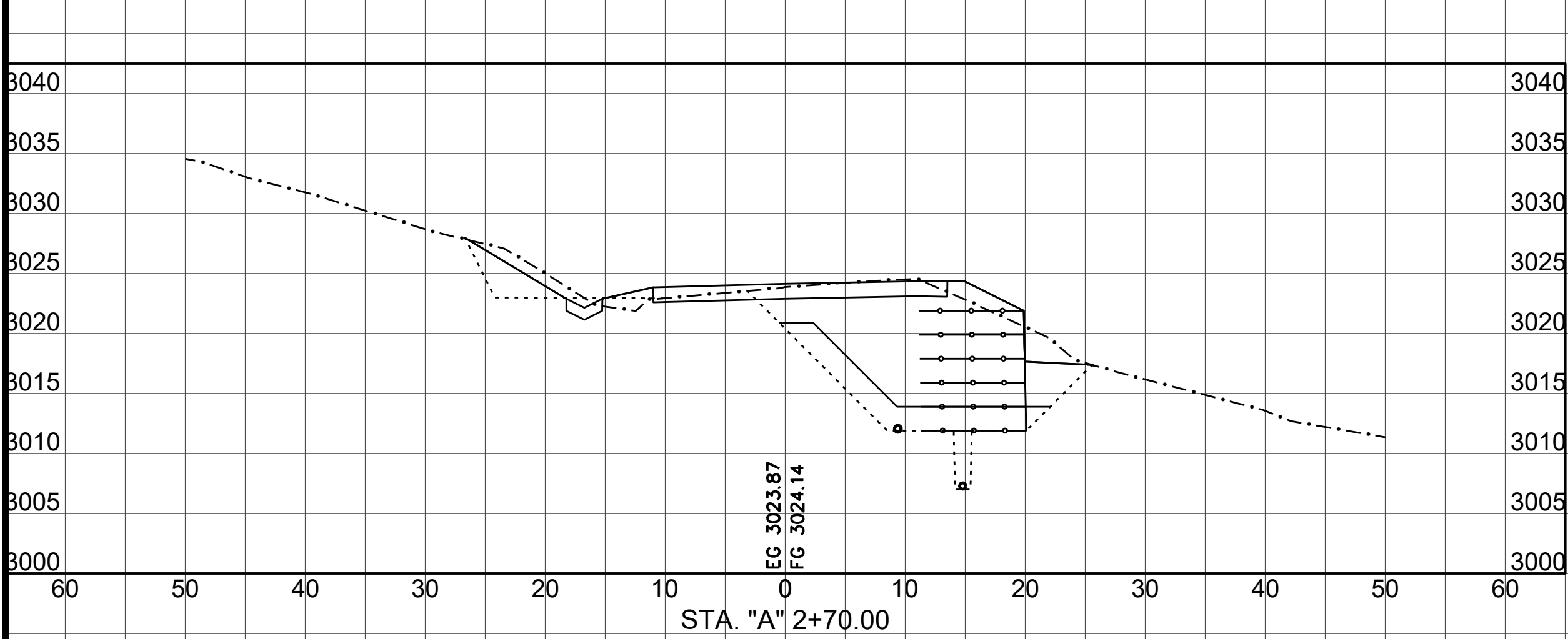
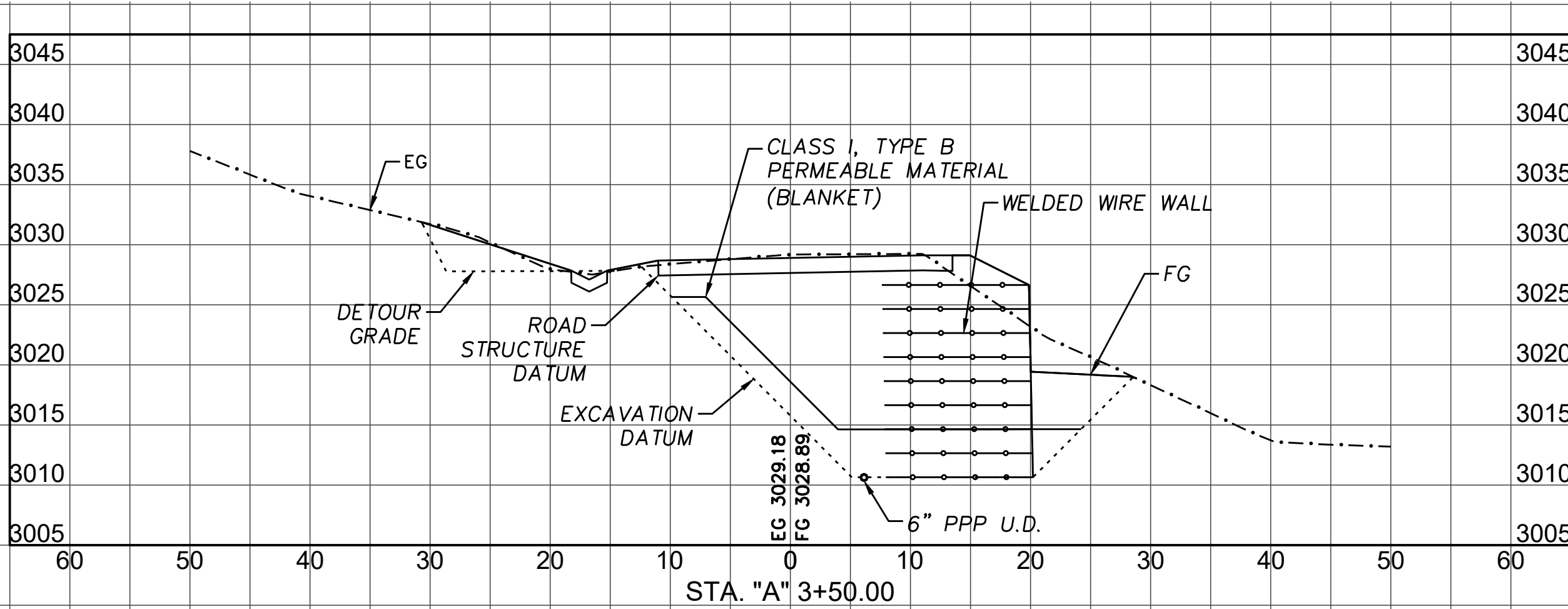
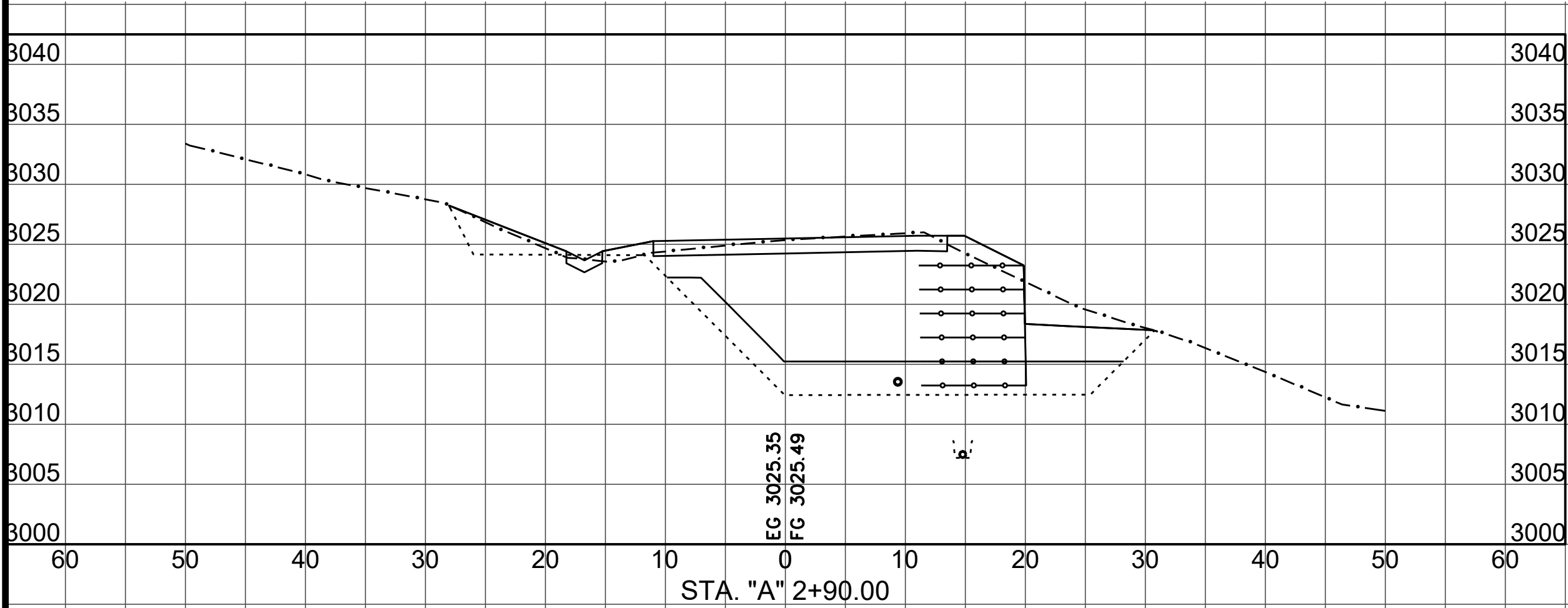
SECTION VIEWS

SCALE HORIZ: 1"=10'
SCALE VERT: 1"=10'

S:\Engineering\projects\2017 Storm Damage\217259 & 217260 Alderpoint Rd PM 7.90 & 8.15\CAD\Production_Files\Model



BAR IS ONE INCH ON ORIGINAL DRAWING IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	ROAD NAME: ALDERPOINT ROAD		DESIGN SECTION	COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS STORM DAMAGE REPAIR TO ALDERPOINT RD 7.90 & 8.15 PM 7.90 SECTIONS	SHEET 12 OF 25
	ROAD NO: F6B165	MILE POST: 7.90 & 8.15	---		
	PROJECT NO.: ER-32L0(292 & 293)	EA NO.: NONE	DESIGNED BY: CKH		
	CONTRACT NO.: 217259 & 217260	PPNO: NONE	DRAWN BY: CKH		
	DRAWING FILE NAME: d:\APBS-CO-ERTH_AP790_Rev4.dwg		REVIEWED BY: ---		
	PLOT DATE: 4/16/2026		APPROVED BY: ---		
		REVISION DATE: 4/15/2026			



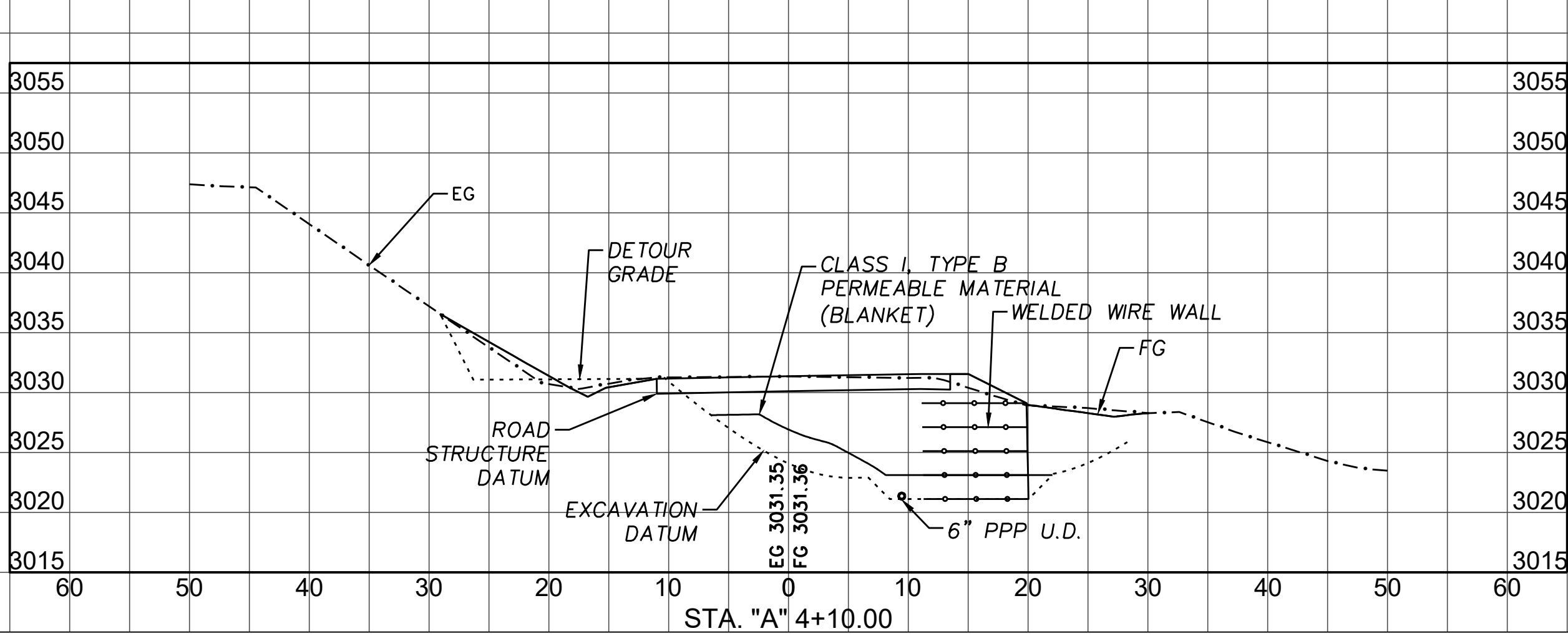
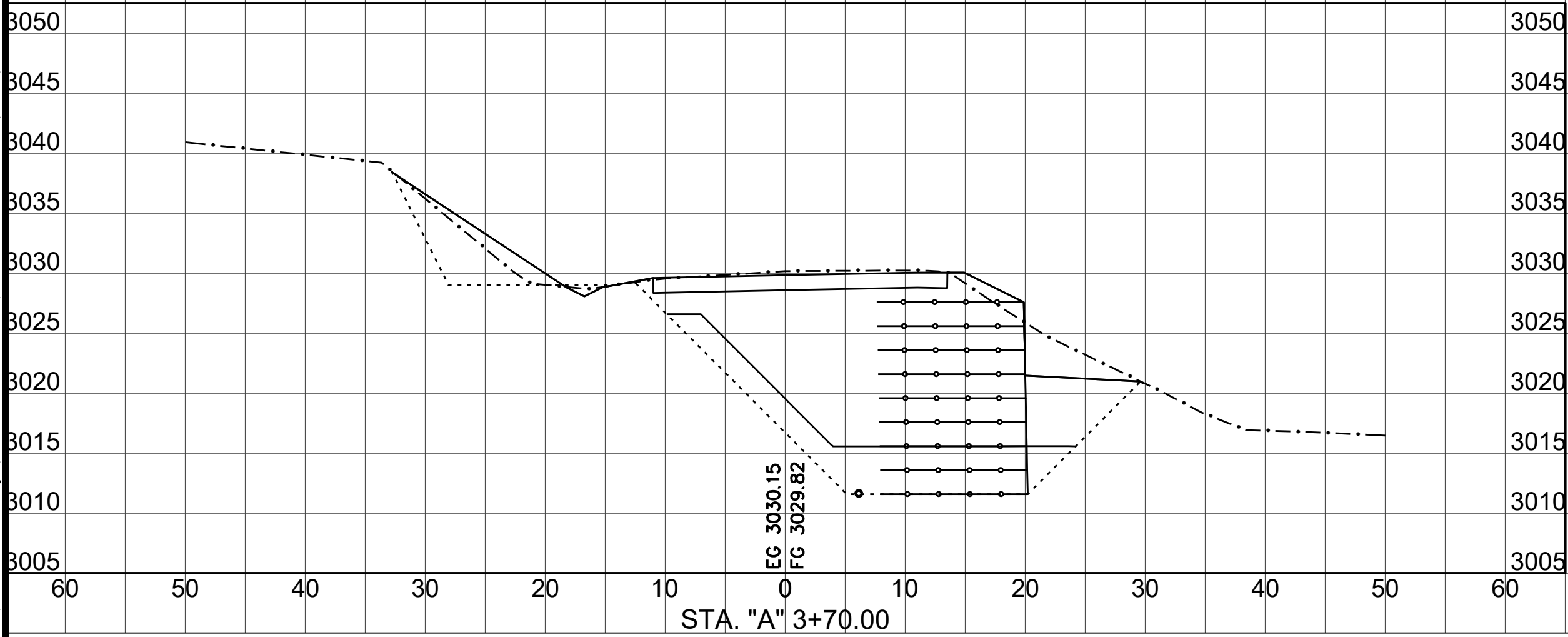
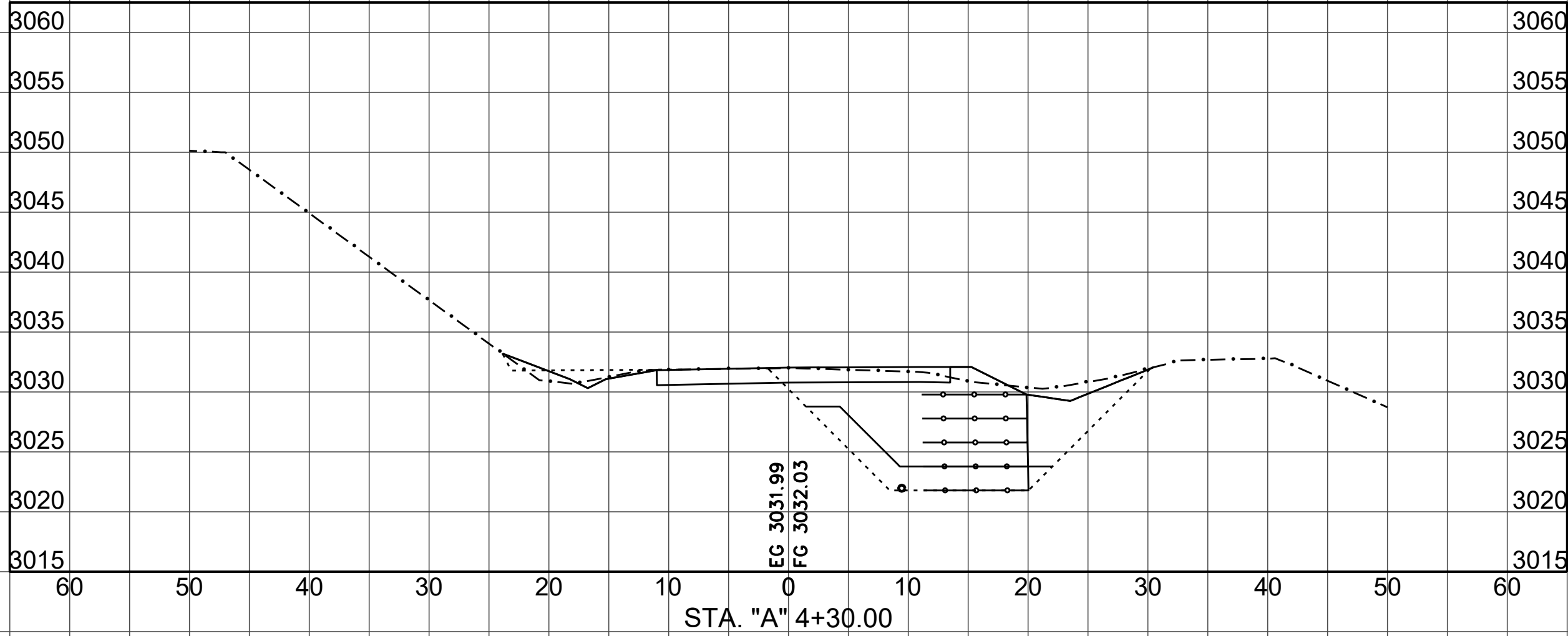
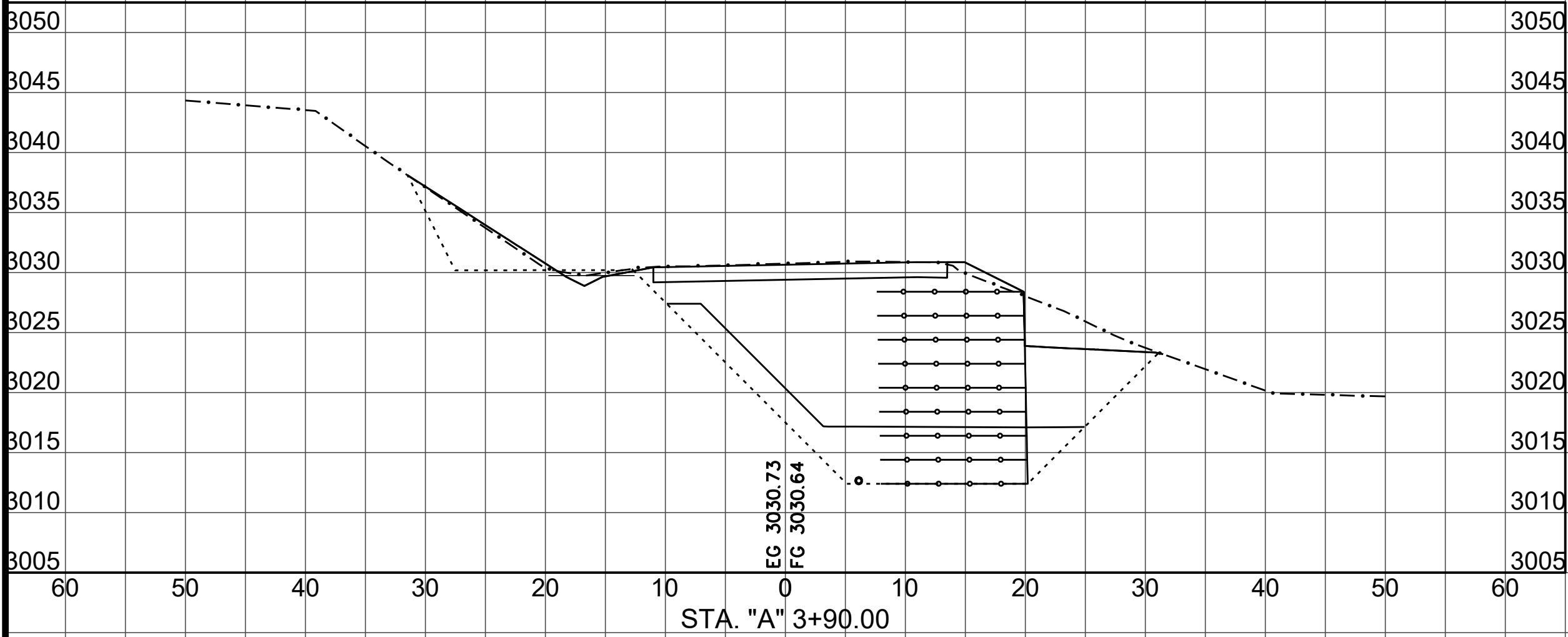
SECTION VIEWS

SCALE HORIZ: 1"=10'
SCALE VERT: 1"=10'

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BAR IS ONE INCH ON ORIGINAL DRAWING IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	ROAD NAME: ALDERPOINT ROAD		DESIGN SECTION	COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS	SHEET 13 OF 25
	ROAD NO: F6B165	MILE POST: 7.90 & 8.15	-		
	PROJECT NO.: ER-32LO(292 & 293)	EA NO.: NONE	DESIGNED BY: CKH	STORM DAMAGE REPAIR TO ALDERPOINT RD 7.90 & 8.15	
	CONTRACT NO.: 217259 & 217260	PPNO: NONE	DRAWN BY: CKH		
	DRAWING FILE NAME: d-APBS-CO-ERTH_AP790_Rev4.dwg		REVIEWED BY: ---	PM 7.90 SECTIONS	
PLOT DATE: 4/16/2026	REVISION DATE: 4/15/2026	APPROVED BY: ---			



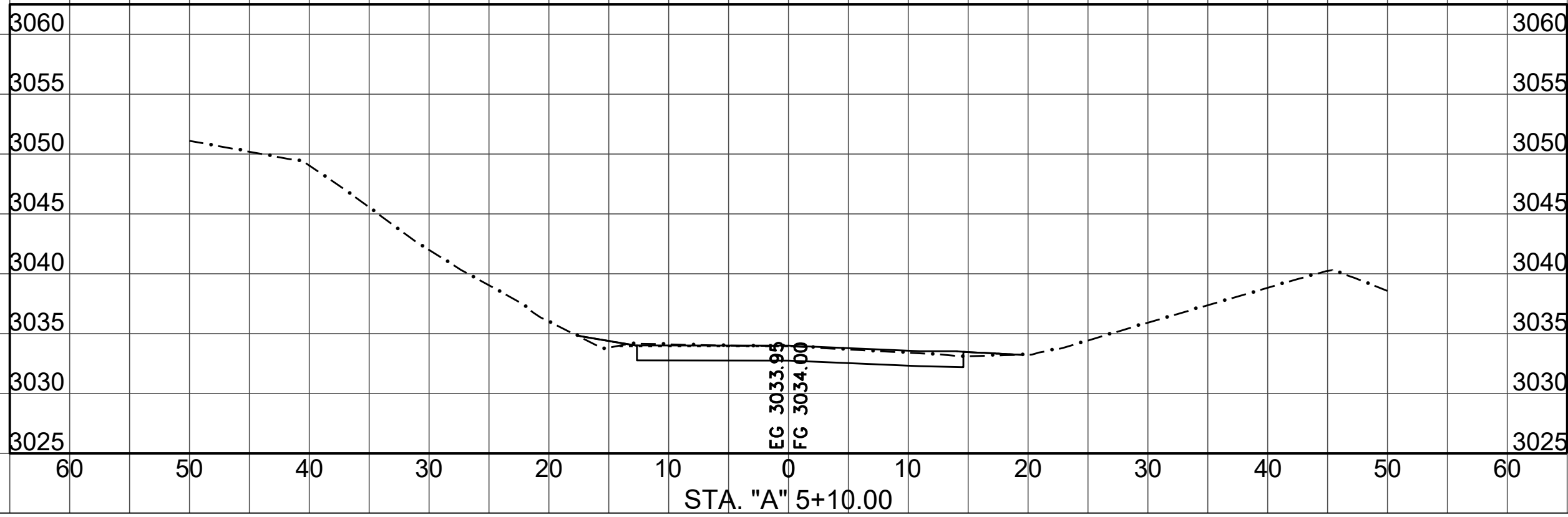
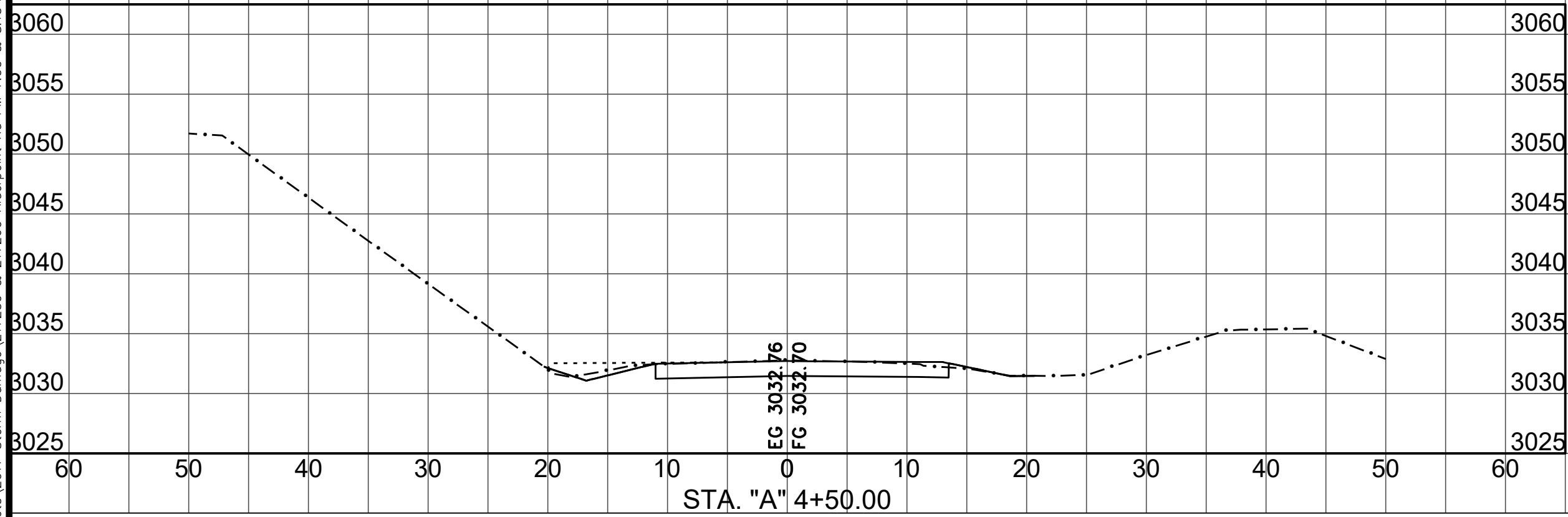
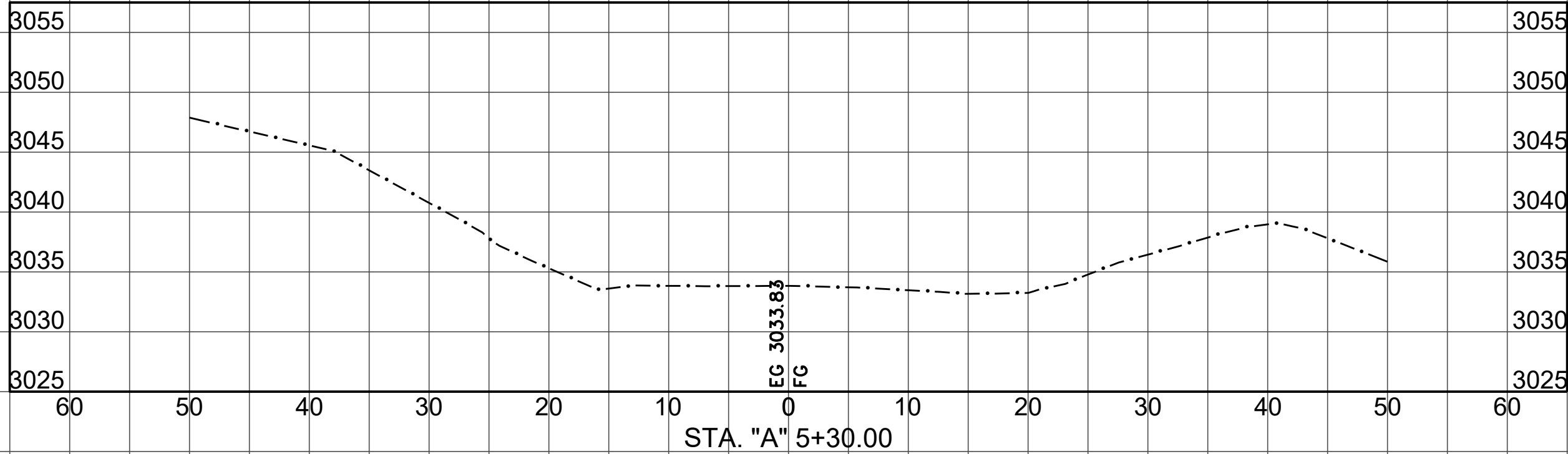
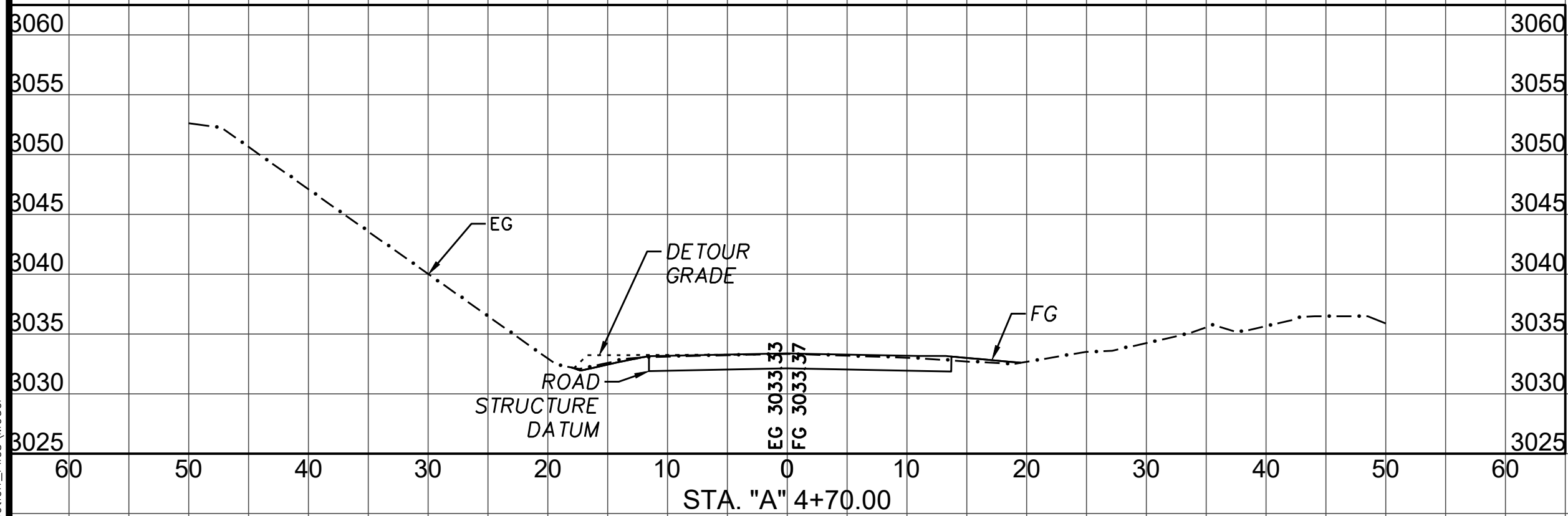
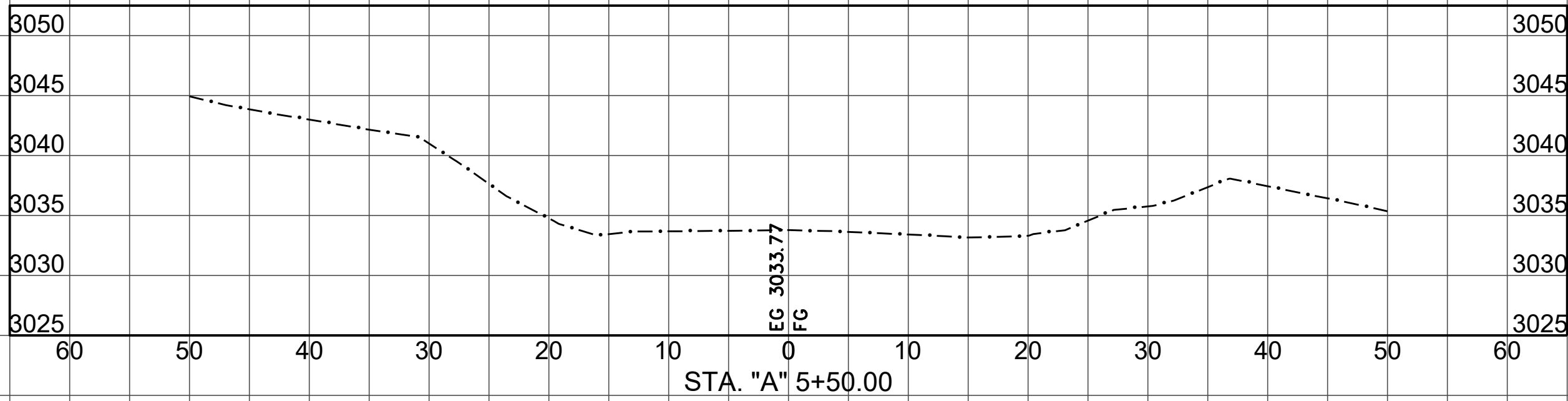
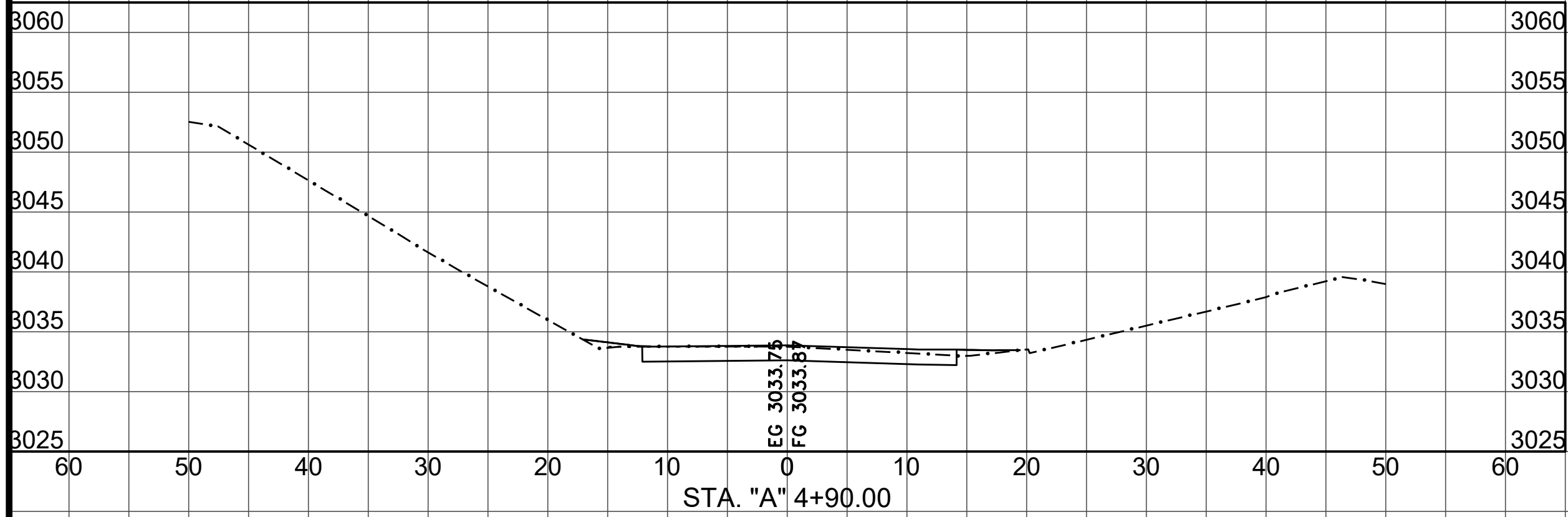
SECTION VIEWS

SCALE HORIZ: 1"=10'
SCALE VERT: 1"=10'

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BAR IS ONE INCH ON ORIGINAL DRAWING IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	ROAD NAME: ALDERPOINT ROAD		DESIGN SECTION	COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS STORM DAMAGE REPAIR TO ALDERPOINT RD 7.90 & 8.15 PM 7.90 SECTIONS	SHEET 14 OF 25
	ROAD NO: F6B165	MILE POST: 7.90 & 8.15	—		
	PROJECT NO.: ER-32L0(292 & 293)	EA NO.: NONE	DESIGNED BY: CKH		
	CONTRACT NO.: 217259 & 217260	PPNO: NONE	DRAWN BY: CKH		
	DRAWING FILE NAME: d-APBS-CO-ERTH_AP790_Rev4.dwg		REVIEWED BY: ---		
	PLOT DATE: 4/16/2026	REVISION DATE: 4/15/2026	APPROVED BY: ---		



SECTION VIEWS

SCALE HORIZ: 1"=10'
SCALE VERT: 1"=10'

S:\Engineering\projects\2017 Storm Damage\217259 & 217260 Alderpoint Rd PM 7.90 & 8.15\CAD\Production_Files\Model



BAR IS ONE INCH ON ORIGINAL DRAWING IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	ROAD NAME: ALDERPOINT ROAD		DESIGN SECTION	COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS STORM DAMAGE REPAIR TO ALDERPOINT RD 7.90 & 8.15 PROJECT CONTROL PM 8.15	SHEET 15 OF 25
	ROAD NO: F6B165	MILE POST: 7.90 & 8.15	—		
	PROJECT NO.: ER-32LO(292 & 293)	EA NO.: NONE	DESIGNED BY: CKH		
	CONTRACT NO.: 217259 & 217260	PPNO: NONE	DRAWN BY: CKH		
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	PLOT DATE: 4/16/2026		APPROVED BY: ---		
		REVISION DATE: 4/16/2026			

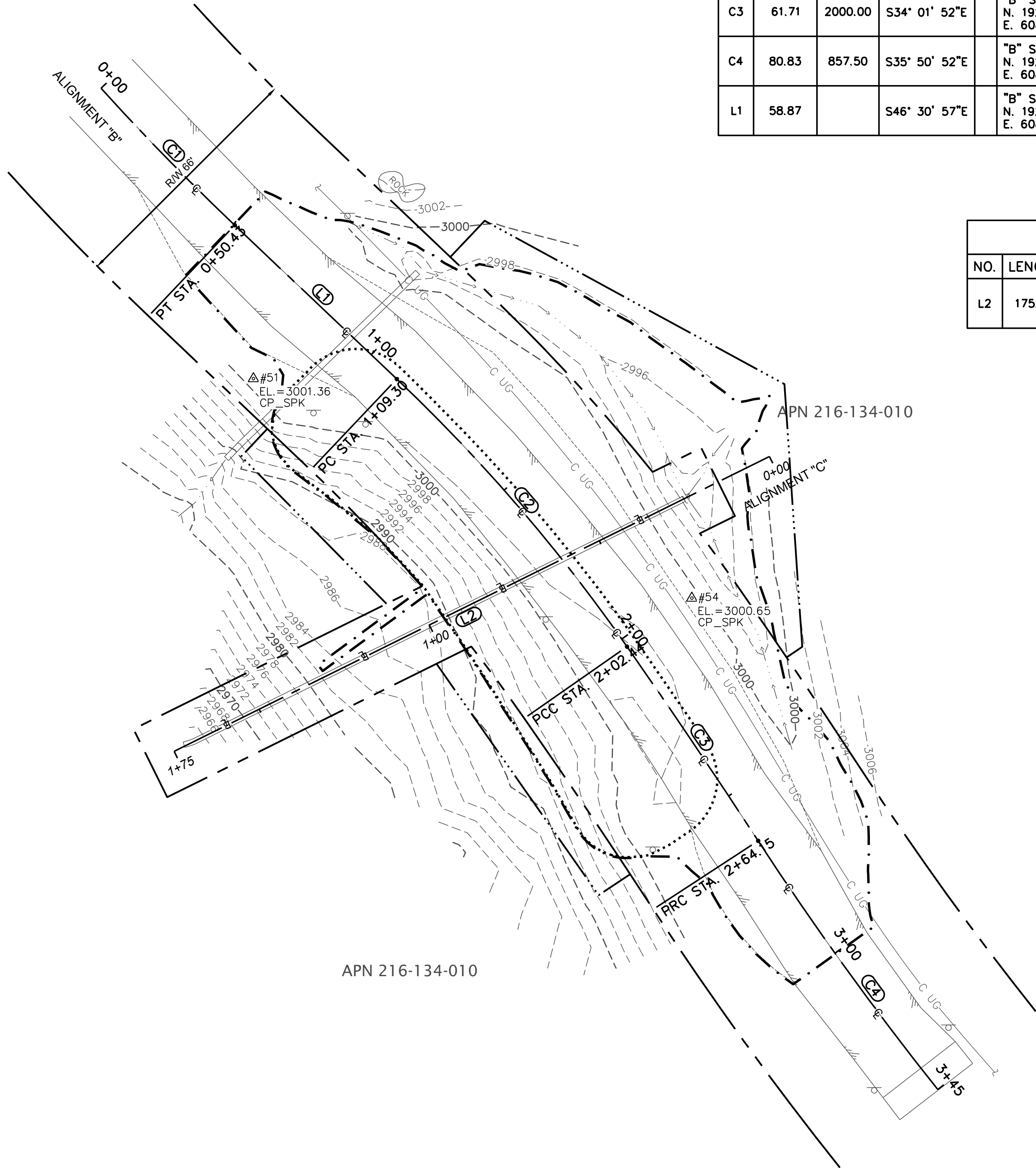
CONTROL POINT TABLE				
POINT NO.	NORTHING	EASTING	ELEVATION	DESCRIPTION
51	1924789.85	6089573.08	3001.36	CP_SPK
54	1924732.06	6089688.55	3000.65	CP_SPK

ALIGNMENT SEGMENT GEOMETRY "B" LINE						
NO.	LENGTH	RADIUS	DIRECTION	A	START PT.	END PT.
C1	50.43	655.00	S44° 18' 36"E		"B" STA. 0+00.00 N. 1924866.35 E. 6089532.92	"B" STA. 0+50.43 N. 1924830.27 E. 6089568.14
C2	93.14	460.00	S40° 42' 56"E		"B" STA. 1+09.30 N. 1924789.76 E. 6089610.85	"B" STA. 2+02.44 N. 1924719.29 E. 6089671.50
C3	61.71	2000.00	S34° 01' 52"E		"B" STA. 2+02.44 N. 1924719.29 E. 6089671.50	"B" STA. 2+64.15 N. 1924668.15 E. 6089706.04
C4	80.83	857.50	S35° 50' 52"E		"B" STA. 2+64.15 N. 1924668.15 E. 6089706.04	"B" STA. 3+44.98 N. 1924602.65 E. 6089753.36
L1	58.87		S46° 30' 57"E		"B" STA. 0+50.43 N. 1924830.27 E. 6089568.14	"B" STA. 1+09.30 N. 1924789.76 E. 6089610.85

ALIGNMENT SEGMENT GEOMETRY "C" LINE						
NO.	LENGTH	RADIUS	DIRECTION	A	START PT.	END PT.
L2	175.00		S63° 39' 32"W		"C" STA. 0+00.00 N. 1924769.36 E. 6089709.01	"C" STA. 1+75.00 N. 1924691.71 E. 6089552.18

SURVEY NOTES:

- THE PURPOSE OF THIS SURVEY IS TO DETERMINE TOPOGRAPHY FOR AN EMERGENCY STORM DAMAGE REPAIR SITE AT POST MILE 8.15 OF ALDERPOINT ROAD. THIS SURVEY REFLECTS CONDITIONS AT THE TIME OF SURVEY; FIELD WORK WAS PERFORMED SEPTEMBER 4 AND 6, 2019.
- 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 13 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 0.99983722 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 3001.36 FEET WAS MEASURED AT THE AFOREMENTIONED CONTROL POINT 51.
- CONTOURS AND SPOT ELEVATIONS WERE OBTAINED BY CONVENTIONAL SURVEY TECHNIQUES. ONLY TREES 12 INCH AND BIGGER WERE LOCATED; NUMEROUS OTHER SMALLER TREES EXIST WITHIN AREA SURVEYED AND ARE NOT SHOWN. TREE LOCATIONS ARE GENERALLY SHOWN AT BREAST HEIGHT AND ARE APPROXIMATE DUE TO THE FACT NOT ALL TREES ARE GROWING VERTICALLY.
- 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.
- NO BOUNDARY SURVEYS WERE CONDUCTED AS PART OF THIS SURVEY. OWNERSHIP IS SHOWN BASED ON HUMBOLDT COUNTY ASSESSOR DEED REFERENCE.



UNDERGROUND UTILITY NOTE

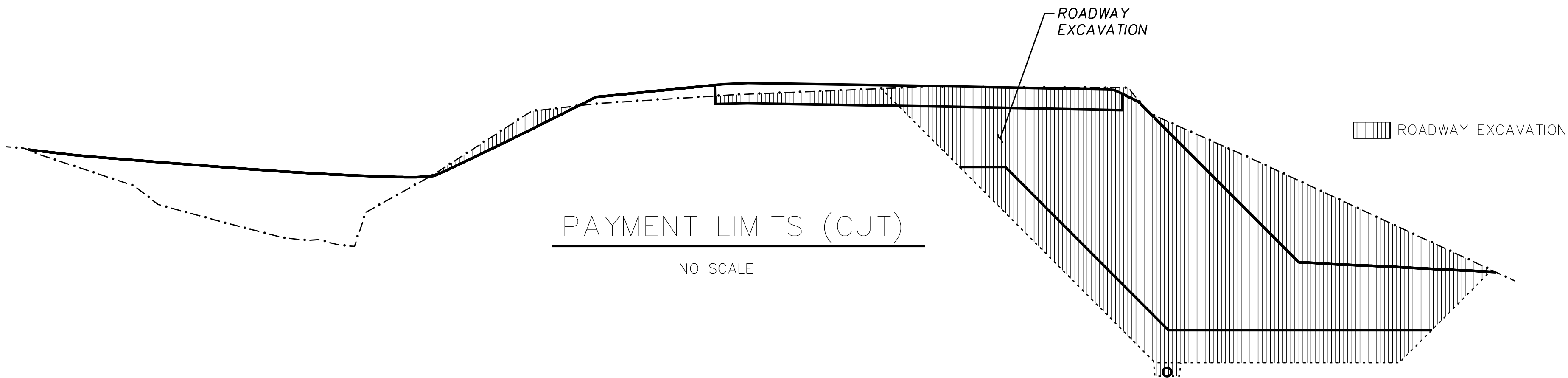
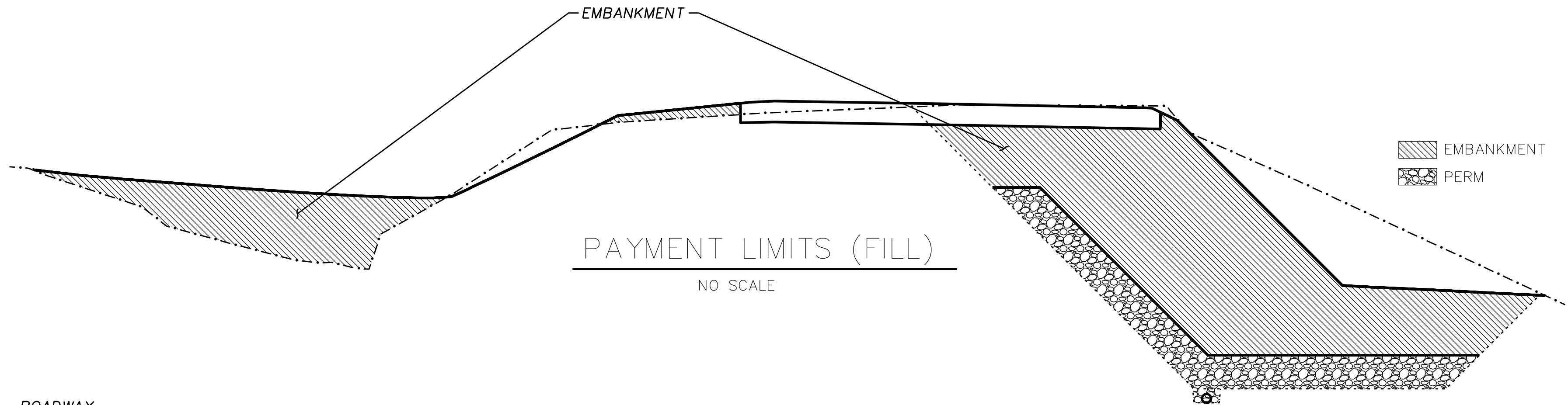
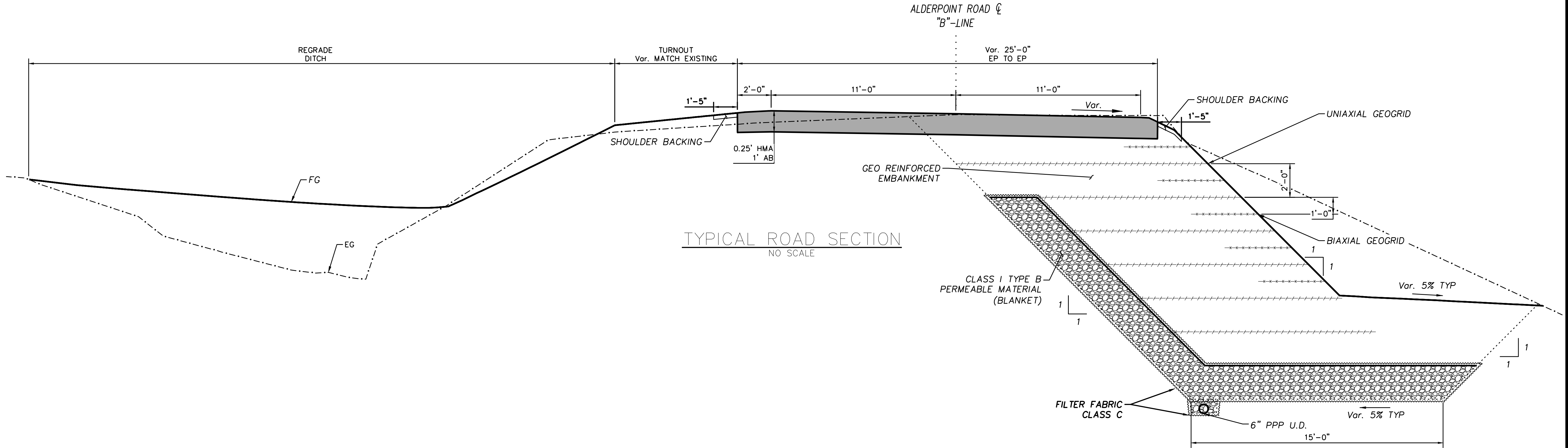
UNDERGROUND UTILITIES ARE SHOWN BASED ON A COMBINATION OF VISIBLE PHYSICAL EVIDENCE AND RECORDS MADE AVAILABLE TO THE SURVEYOR.

THE SURVEYOR MAKES NO GUARANTEES THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES ARE IN THE EXACT LOCATIONS INDICATED. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES.

CALL UNDERGROUND SERVICE ALERT (USA) 1-800-642-2444
A MINIMUM OF 48 HOURS PRIOR TO ANY EXCAVATIONS.



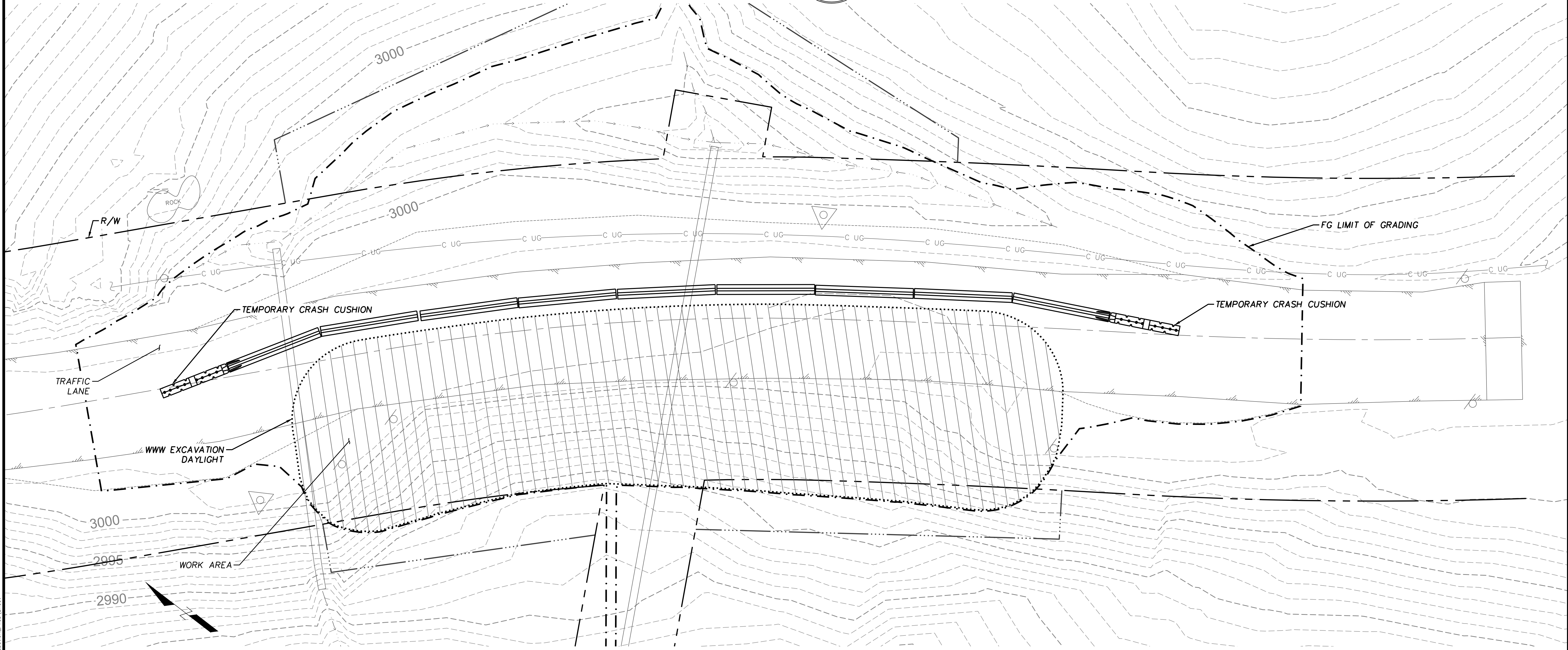
BAR IS ONE INCH ON ORIGINAL DRAWING IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	ROAD NAME: ALDERPOINT ROAD		DESIGN SECTION	COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS STORM DAMAGE REPAIR TO ALDERPOINT RD 7.90 & 8.15 PM 8.15 TYPICAL SECTIONS & PAY LIMITS	SHEET 16 OF 25
	ROAD NO: F6B165	MILE POST: 7.90 & 8.15	---		
	PROJECT NO.: ER-32LO(292 & 293)	EA NO.: NONE	DESIGNED BY: CKH		
	CONTRACT NO.: 217259 & 217260	PPNO: NONE	DRAWN BY: CKH		
	DRAWING FILE NAME: APBS-C-Typical_8.15.dwg		REVIEWED BY: ---		
	PLOT DATE: 4/16/2026	REVISION DATE: 4/16/2026	APPROVED BY: ---		



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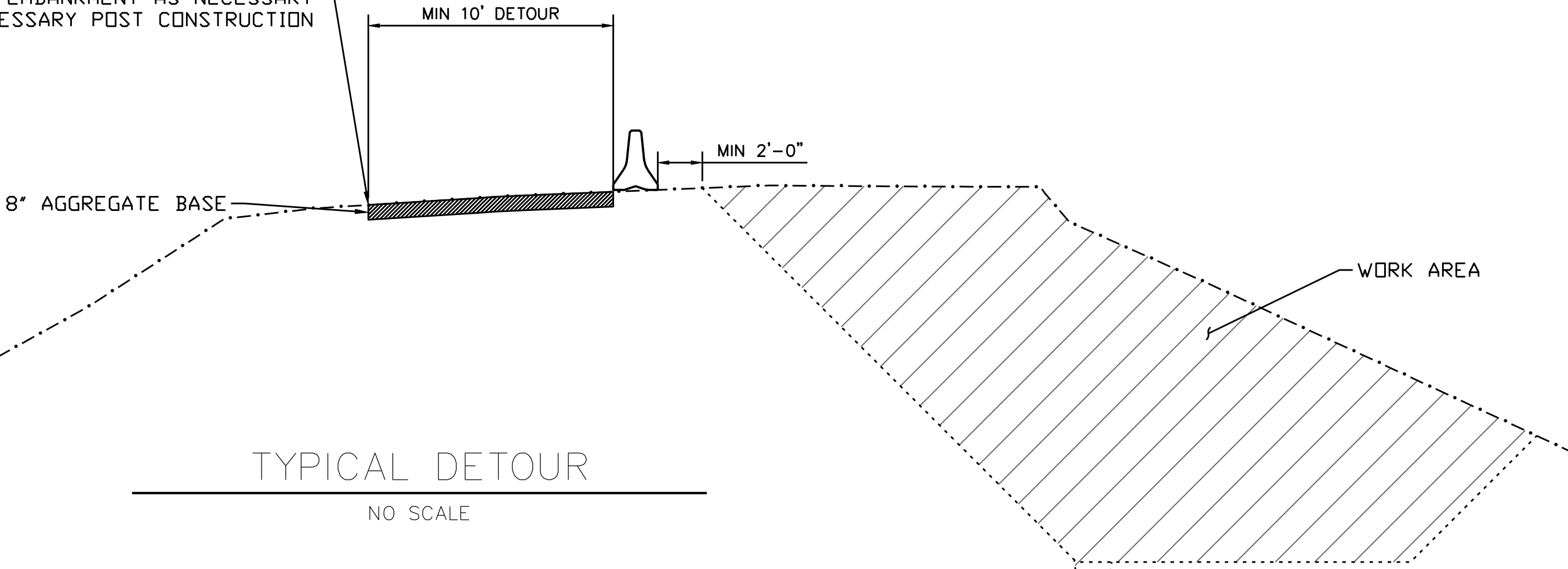
BAR IS ONE INCH ON ORIGINAL DRAWING IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	ROAD NAME: ALDERPOINT ROAD		DESIGN SECTION	COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS STORM DAMAGE REPAIR TO ALDERPOINT RD 7.90 & 8.15 PM 8.15 STAGE CONSTRUCTION & K-RAIL LAYOUT	SHEET 17 OF 25
	ROAD NO: F6B165	MILE POST: 7.90 & 8.15	---		
	PROJECT NO.: ER-32LO(292 & 293)	EA NO.: NONE	DESIGNED BY: CKH		
	CONTRACT NO.: 217259 & 217260	PPNO: NONE	DRAWN BY: CKH		
	DRAWING FILE NAME: 21 PM 8.15 Stage Construction & K-Rail Layout.dwg		REVIEWED BY: ---		
	PLOT DATE: 4/16/2026		APPROVED BY: ---		



PLAN VIEW

SCALE: 1"=20'

MAINTAIN MINIMUM 10' DETOUR DURING CONSTRUCTION
FILL DITCH & CUT EMBANKMENT AS NECESSARY
REINSTATE DITCH AS NECESSARY POST CONSTRUCTION

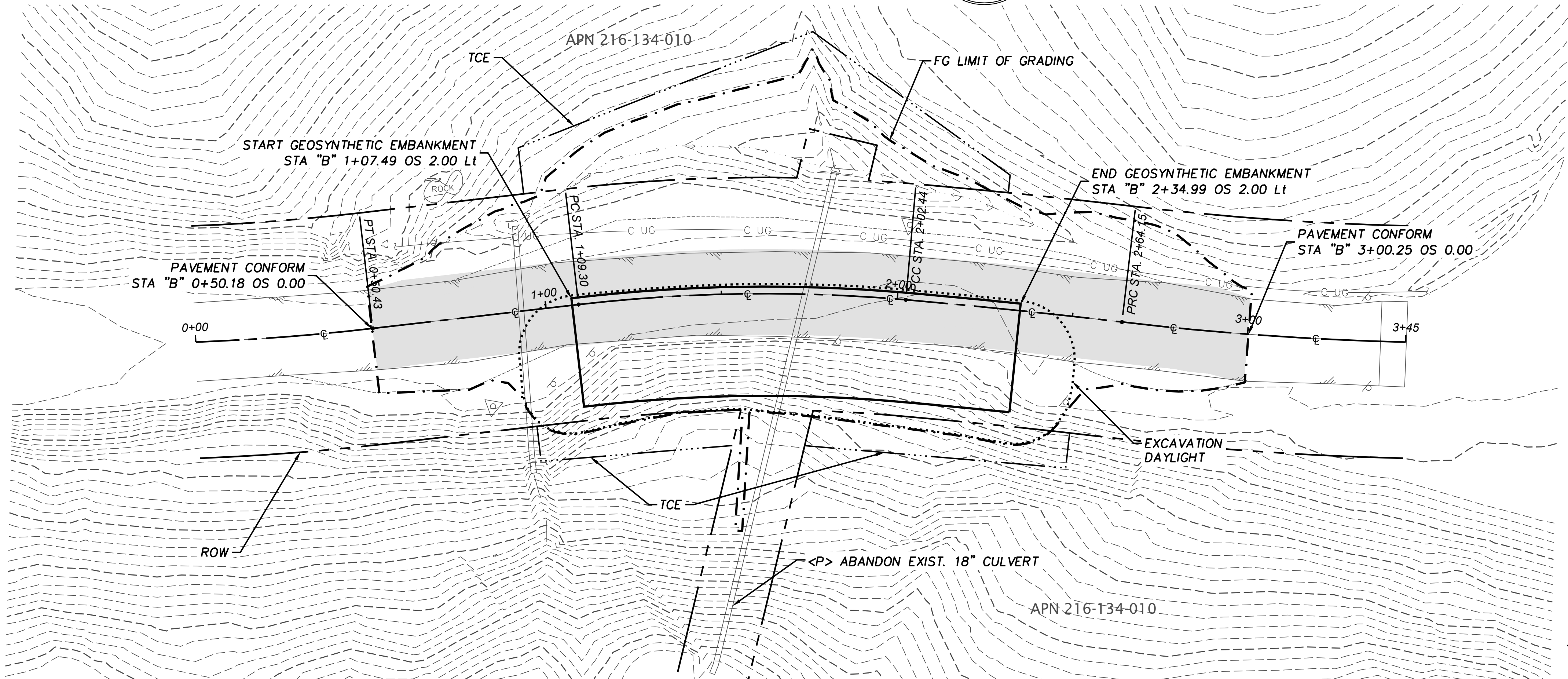


TYPICAL DETOUR

NO SCALE

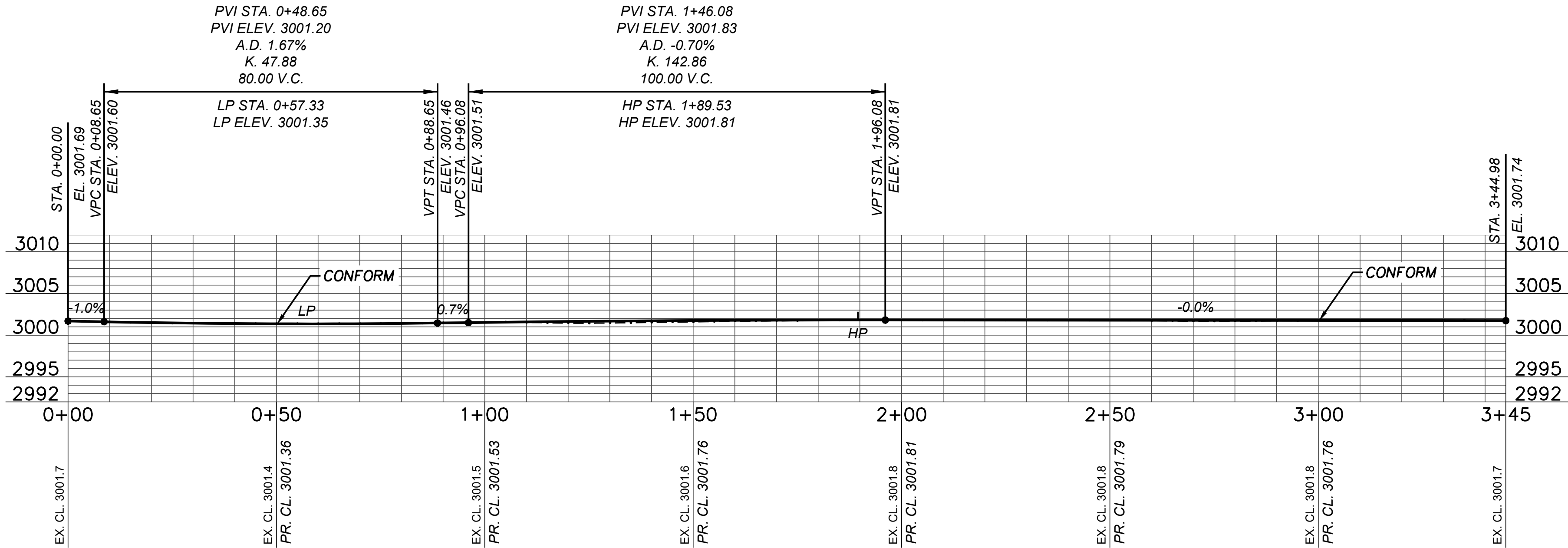


BAR IS ONE INCH ON ORIGINAL DRAWING IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	ROAD NAME: ALDERPOINT ROAD		DESIGN SECTION	COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS STORM DAMAGE REPAIR TO ALDERPOINT RD 7.90 & 8.15 PM 8.15 PLAN & PROFILE	SHEET 18 OF 25
	ROAD NO: F6B165	MILE POST: 7.90 & 8.15	---		
	PROJECT NO.: ER-32LO(292 & 293)	EA NO.: NONE	DESIGNED BY: CKH		
	CONTRACT NO.: 217259 & 217260	PPNO: NONE	DRAWN BY: CKH		
	DRAWING FILE NAME: B-VFM7-PLPR12.dwg		REVIEWED BY: ---		
	PLOT DATE: 4/16/2026		APPROVED BY: ---		



PLAN VIEW

SCALE: 1"=20'

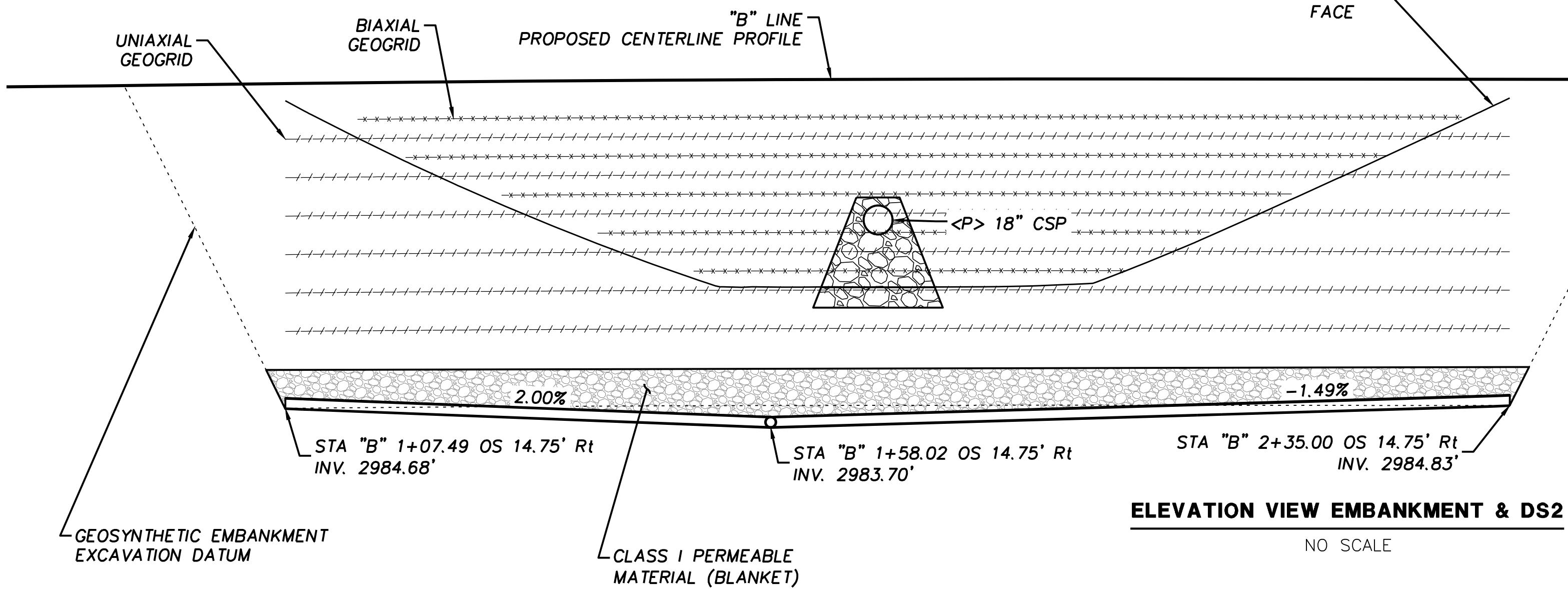
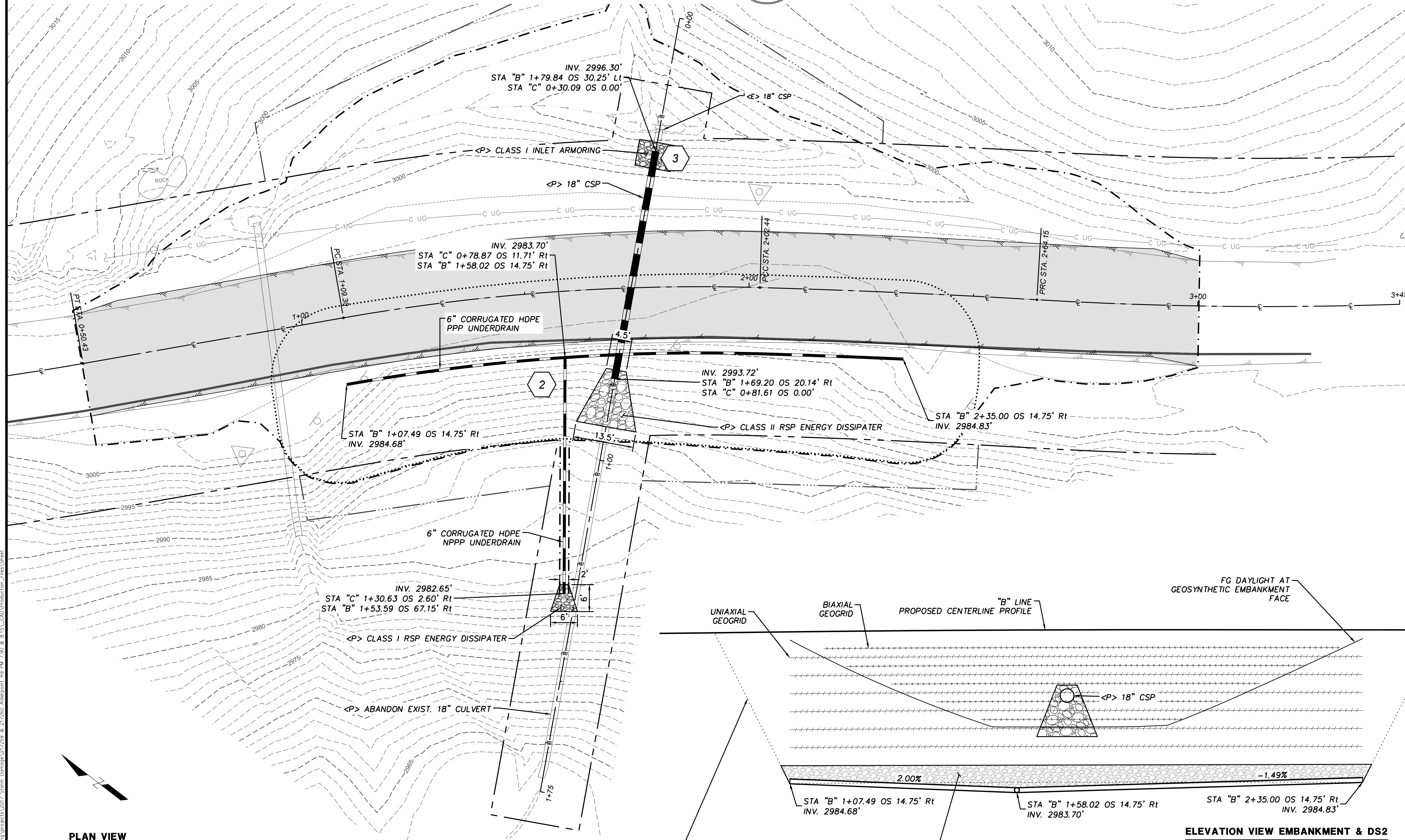


PROFILE VIEW

SCALE HORIZ: 1"=20'
SCALE VERT: 1"=10'



BAR IS ONE INCH ON ORIGINAL DRAWING IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	ROAD NAME: ALDERPOINT ROAD	DESIGN SECTION	COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS	SHEET 19 OF 25
	ROAD NO: F6B165	MILE POST: 7.90 & 8.15	STORM DAMAGE REPAIR TO ALDERPOINT RD 7.90 & 8.15	
	PROJECT NO.: ER-32LO(292 & 293)	EA NO.: NONE	PM 8.15 DRAINAGE LAYOUT & ELEVATION	
	CONTRACT NO.: 217259 & 217260	PPNO: NONE		
	DRAWING FILE NAME: APBS-C-DRAN-002.dwg	REVIEWED BY: ---		
	PLOT DATE: 4/16/2026	REVISION DATE: 4/16/2026	APPROVED BY: ---	



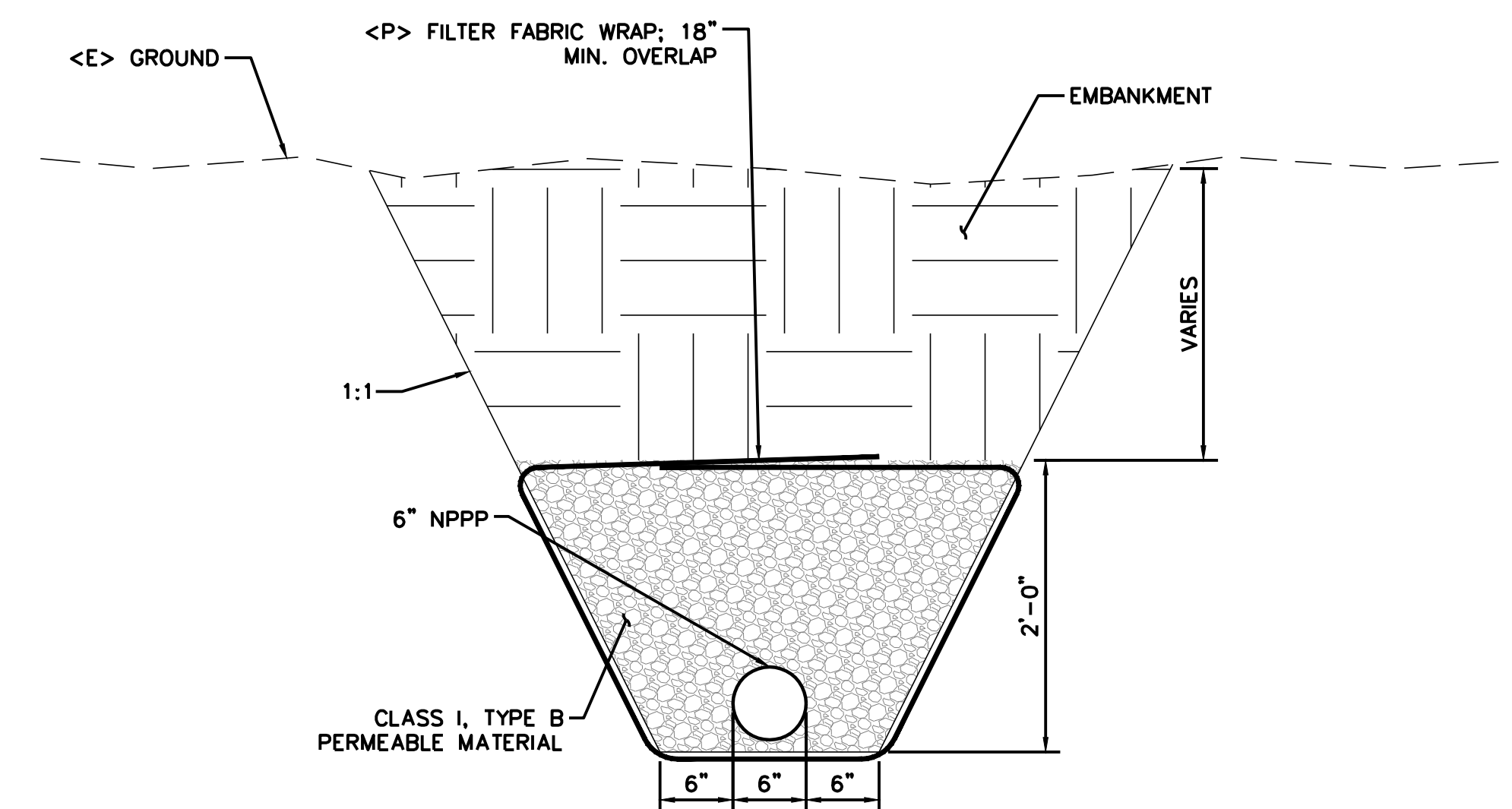
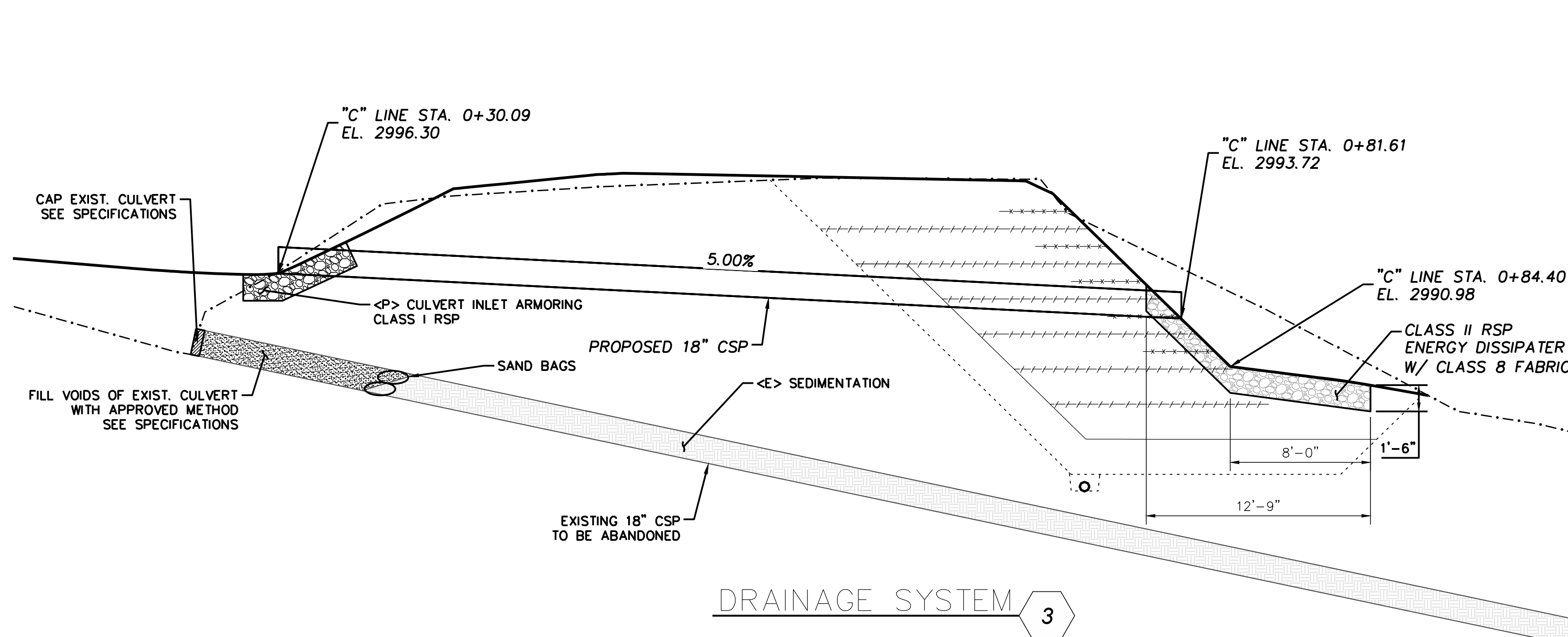
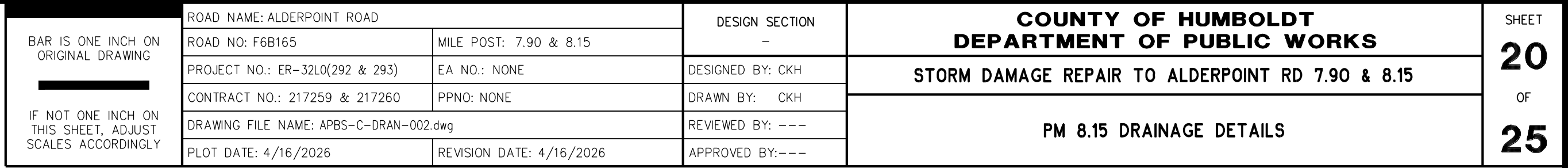
PLAN VIEW
SCALE: 1"=10'

ELEVATION VIEW EMBANKMENT & DS2
NO SCALE

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BORDER LAST REVISED 11/8/2024

1. CAP, EXCAVATION, BACKFILL, AND WORK RELATED TO ABANDONING CULVERT ARE INCLUDED IN THE BID ITEM FOR ABANDON CULVERT.
2. DO NOT INSTALL RSP FABRIC FOR CULVERT INLET ARMORING

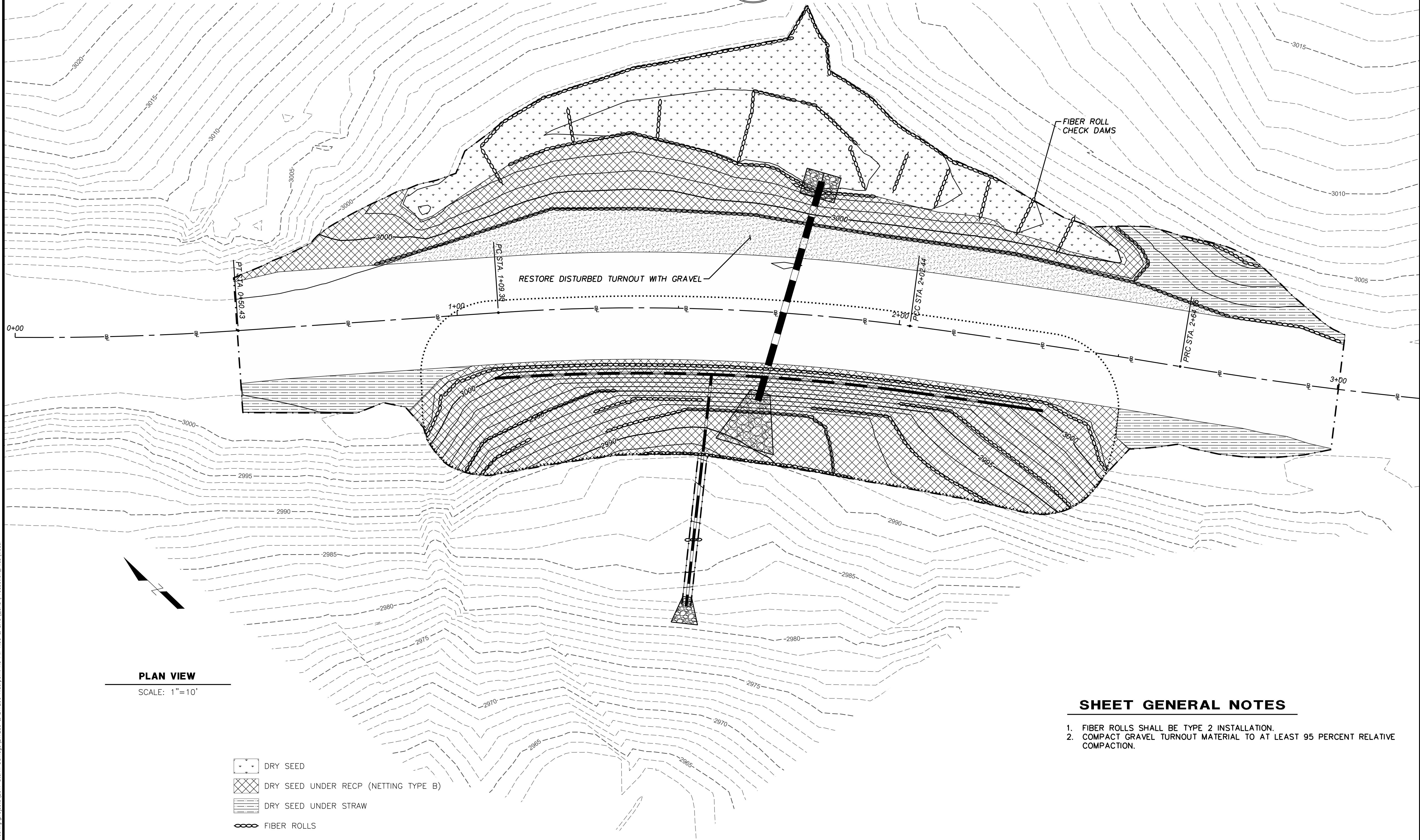


SECTION A-A
ALDERPOINT ROAD PM 8.15 - UNDERDRAIN OUTLET

NO SCALE



BAR IS ONE INCH ON ORIGINAL DRAWING IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	ROAD NAME: ALDERPOINT ROAD		DESIGN SECTION	COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS		SHEET
	ROAD NO: F6B165	MILE POST: 7.90 & 8.15	—	STORM DAMAGE REPAIR TO ALDERPOINT RD 7.90 & 8.15		21
	PROJECT NO.: ER-32LO(292 & 293)	EA NO.: NONE	DESIGNED BY: CKH	PM 8.15 EROSION CONTROL		OF
	CONTRACT NO.: 217259 & 217260	PPNO: NONE	DRAWN BY: CKH			25
	DRAWING FILE NAME: d-APBS-C-EROS_AP815.dwg		REVIEWED BY: ---			
	PLOT DATE: 4/16/2026	REVISION DATE: 4/16/2026	APPROVED BY: ---			



SHEET GENERAL NOTES

1. FIBER ROLLS SHALL BE TYPE 2 INSTALLATION.
2. COMPACT GRAVEL TURNOUT MATERIAL TO AT LEAST 95 PERCENT RELATIVE COMPACTION.



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	ROAD NO: F6B165	MILE POST: 7.90 & 8.15	—		
	PROJECT NO.: ER-32L0(292 & 293)	EA NO.: NONE	DESIGNED BY: CKH		
	CONTRACT NO.: 217259 & 217260	PPNO: NONE	DRAWN BY: CKH		
	DRAWING FILE NAME: APBS-C-PM_AP815 Signing & Striping.dwg		REVIEWED BY: ---		
	PLOT DATE: 4/16/2026	REVISION DATE: 4/16/2026	APPROVED BY: ---		

LEDGEND

- No.

EXISTING PAVEMENT DELINEATION DETAIL
- No.

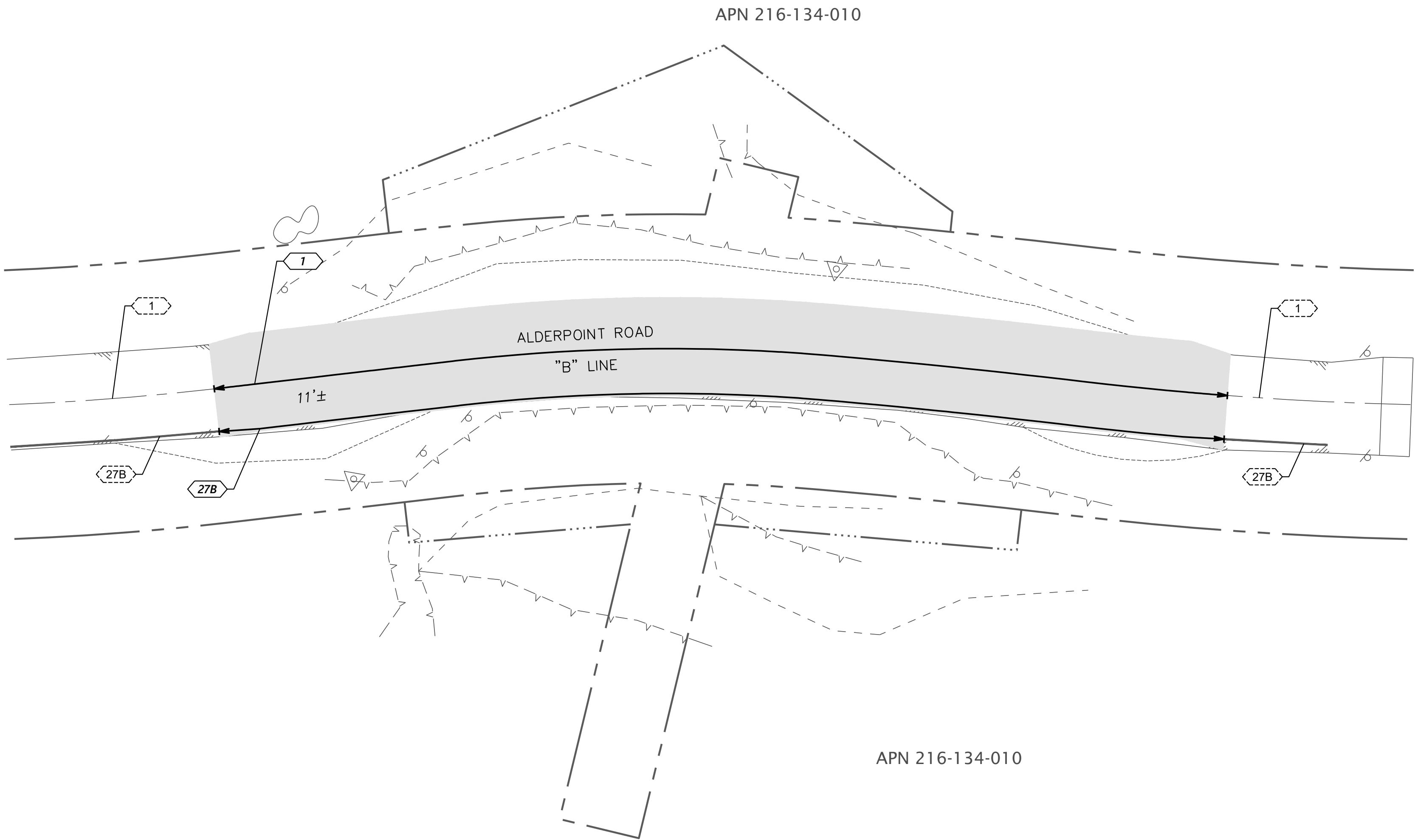
PERMANENT PAVEMENT DELINEATION DETAIL
- ▶

MARKER BEG/END OF TRAFFIC STRIPE DETAIL
- ▶

OBJECT MARKER OR DELINEATOR

SIGNING & STRIPING NOTES

1. STRIPING SHOWN ON THIS PAGE USES CALTRANS STRIPING DETAILS EXCEPT FOR WIDTH.
2. STRIPING SHALL BE 4" WIDE.

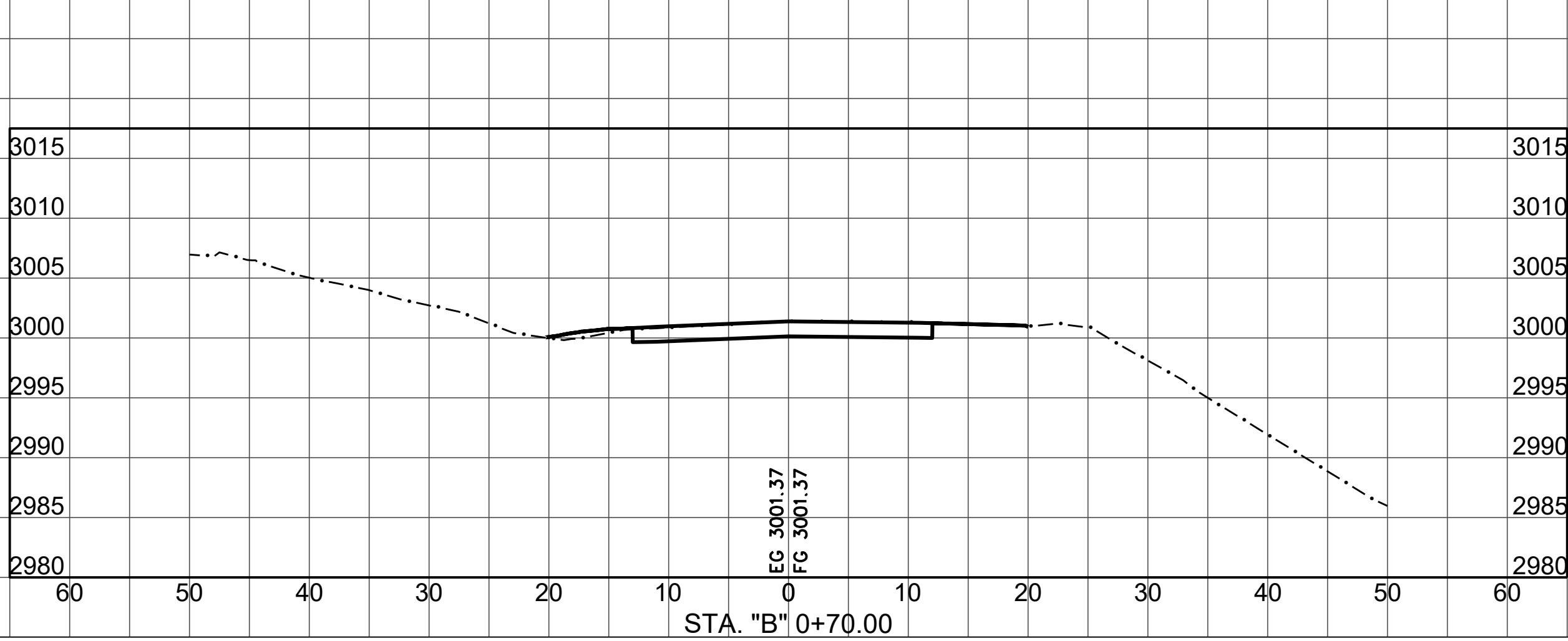
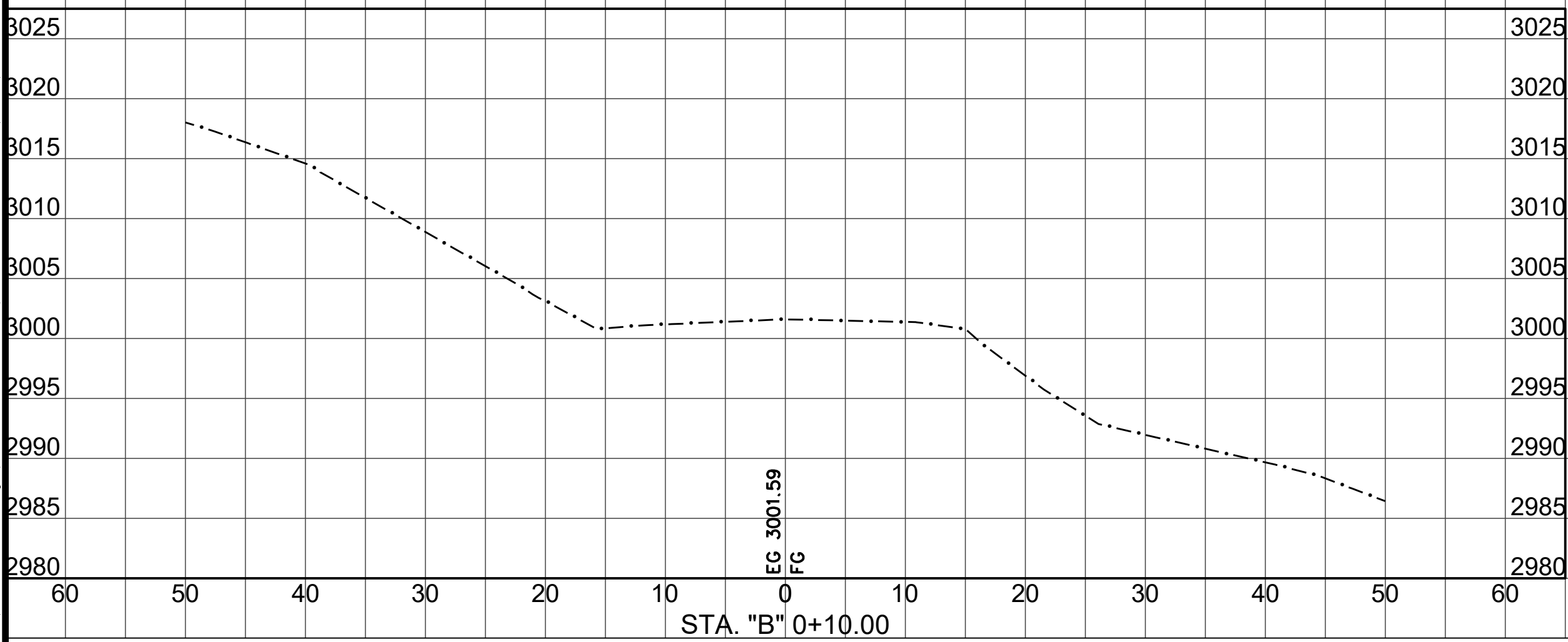
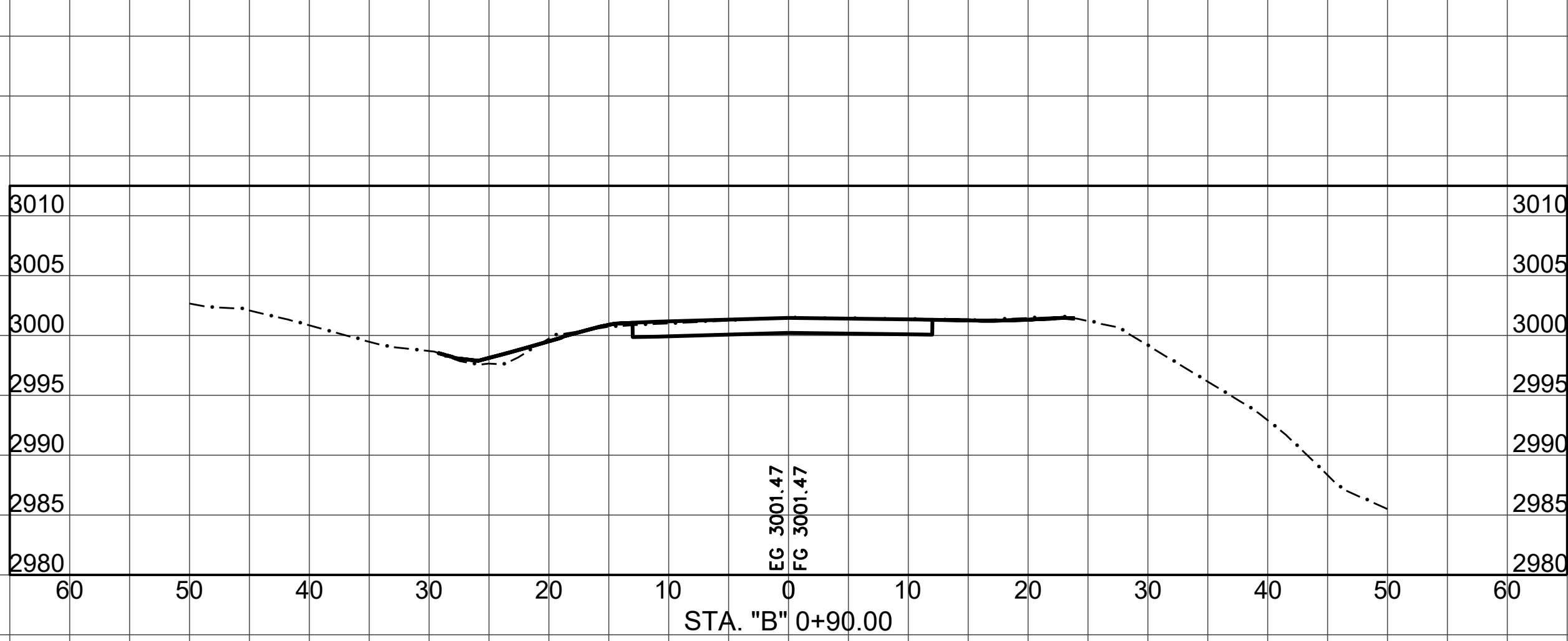
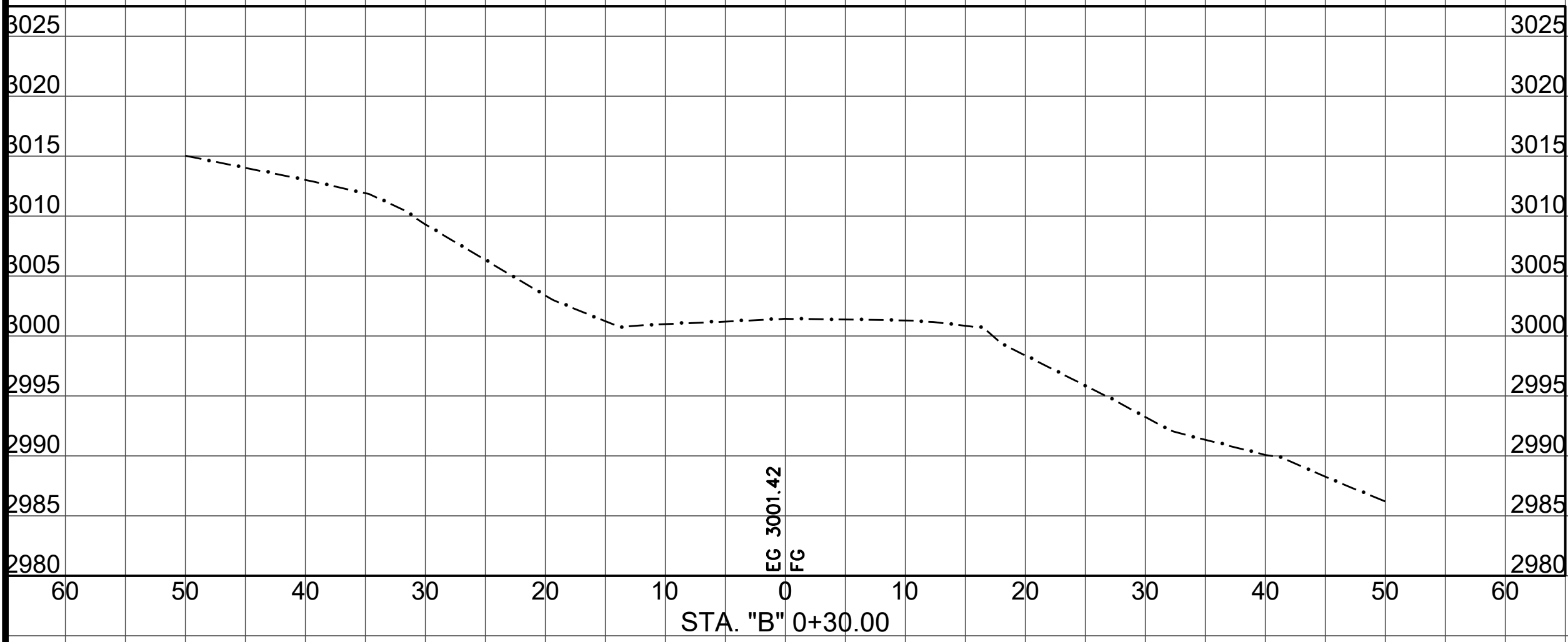
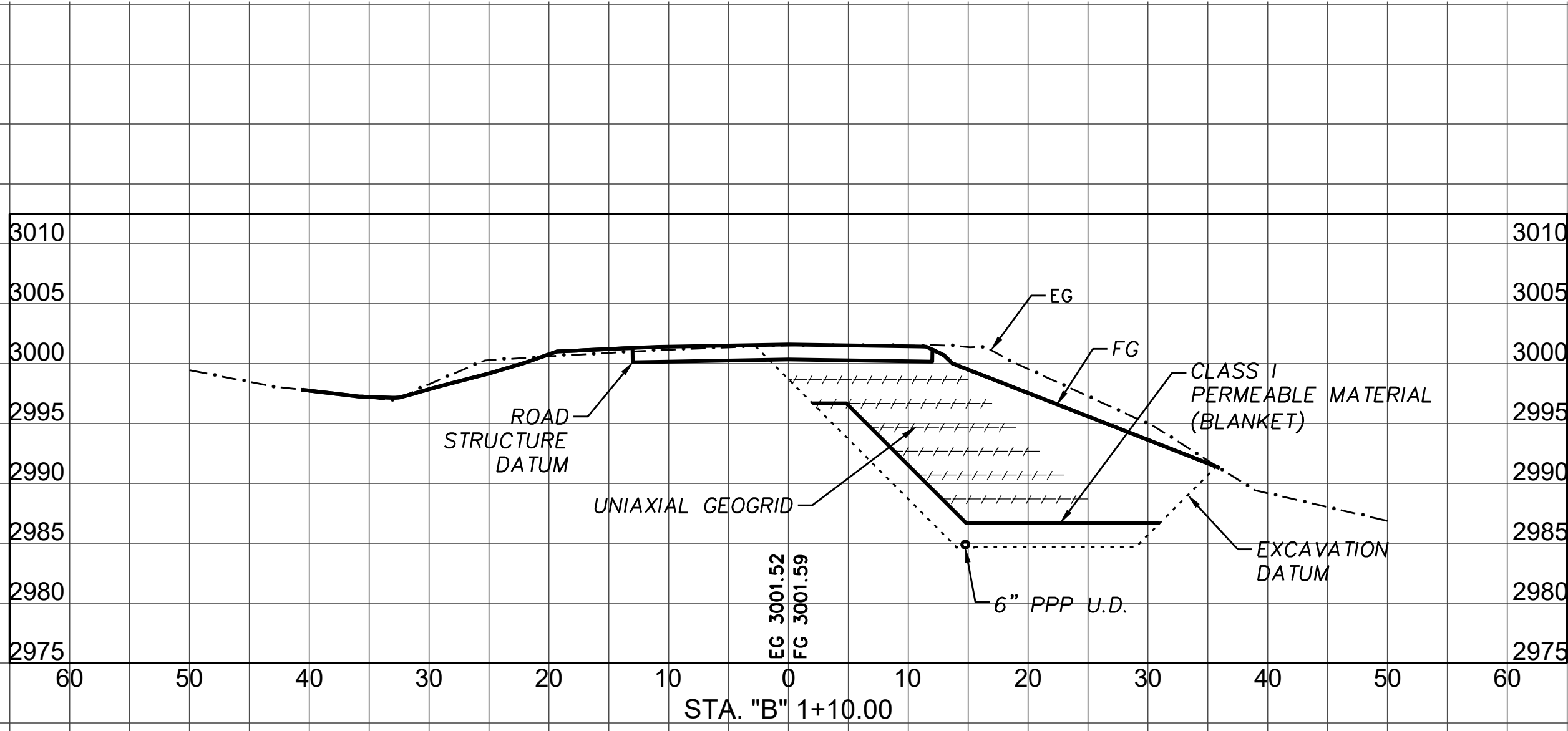
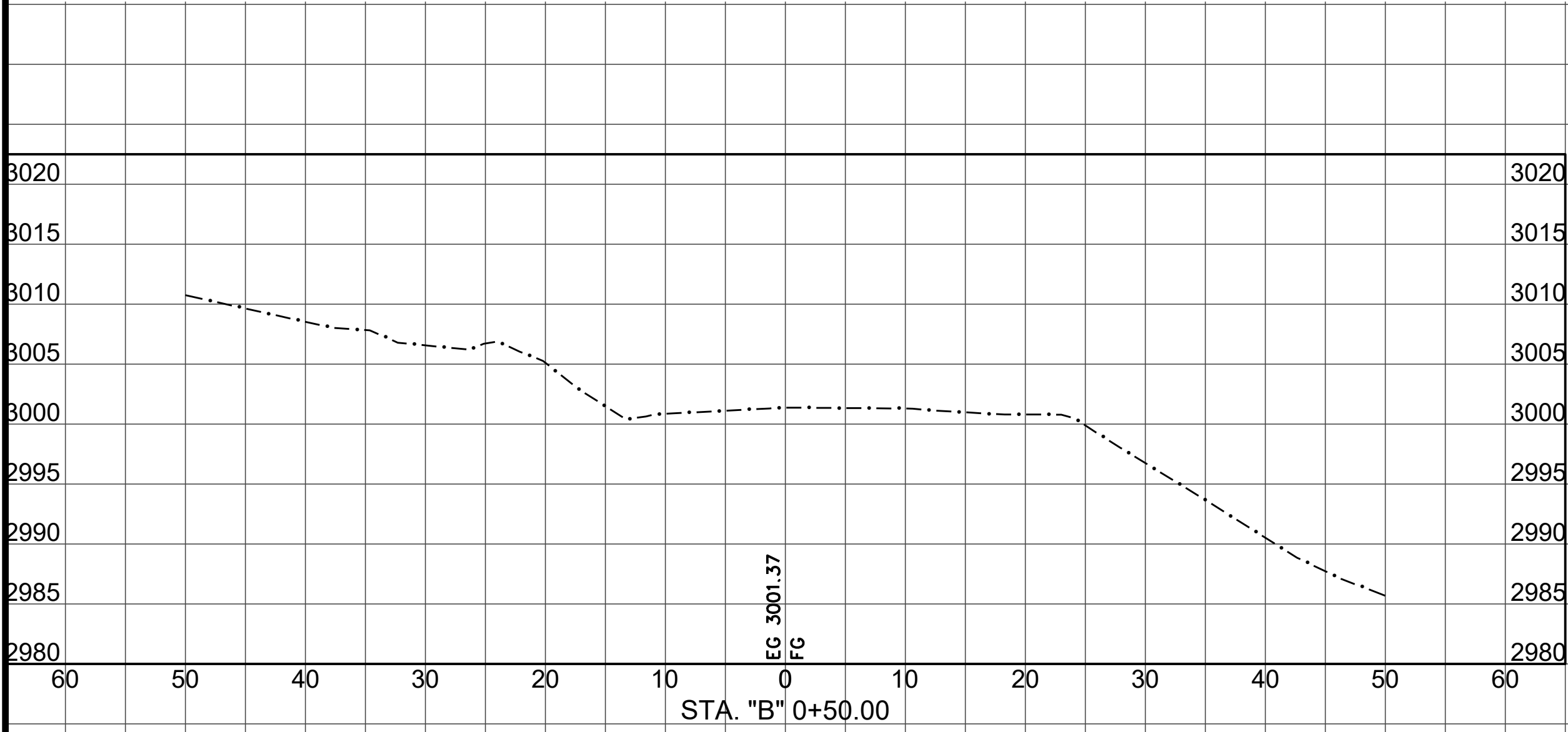


PLAN VIEW

SCALE: 1"=20'



BAR IS ONE INCH ON ORIGINAL DRAWING IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	ROAD NAME: ALDERPOINT ROAD		DESIGN SECTION	COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS STORM DAMAGE REPAIR TO ALDERPOINT RD 7.90 & 8.15 PM 8.15 SECTIONS	SHEET 23 OF 25
	ROAD NO: F6B165	MILE POST: 7.90 & 8.15	---		
	PROJECT NO.: ER-32LO(292 & 293)	EA NO.: NONE	DESIGNED BY: CKH		
	CONTRACT NO.: 217259 & 217260	PPNO: NONE	DRAWN BY: CKH		
	DRAWING FILE NAME: d-APBS-CO-ERTH_AP815.dwg		REVIEWED BY: ---		
	PLOT DATE: 4/16/2026		APPROVED BY: ---		
		REVISION DATE: 4/15/2026			



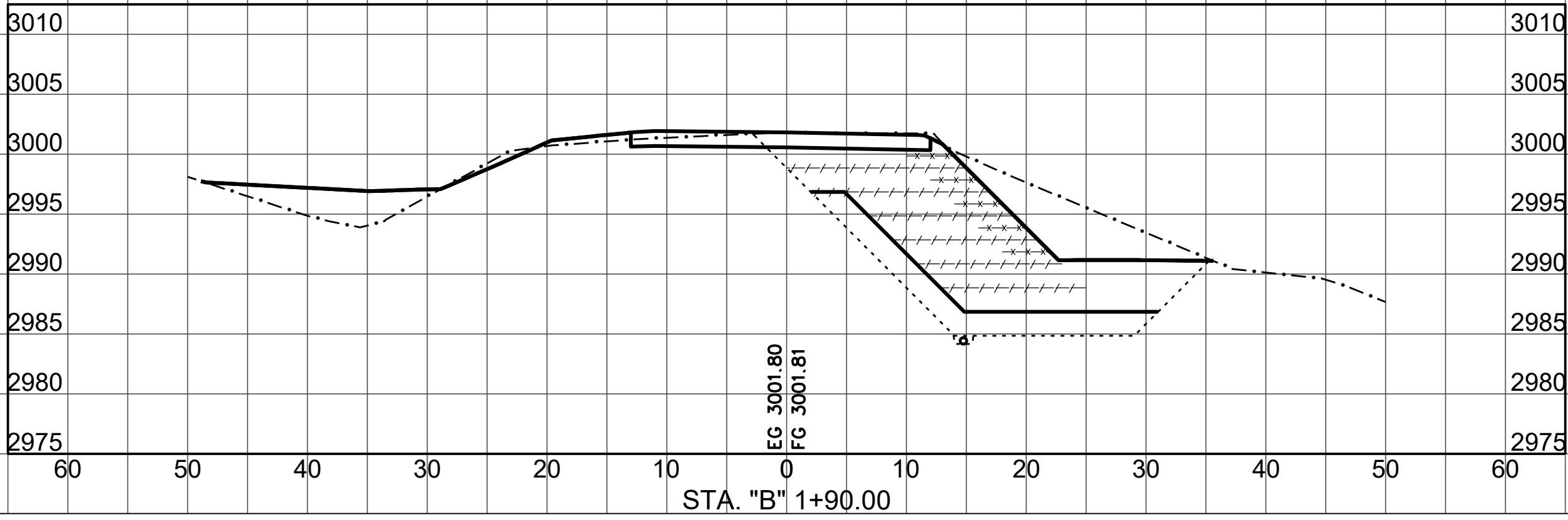
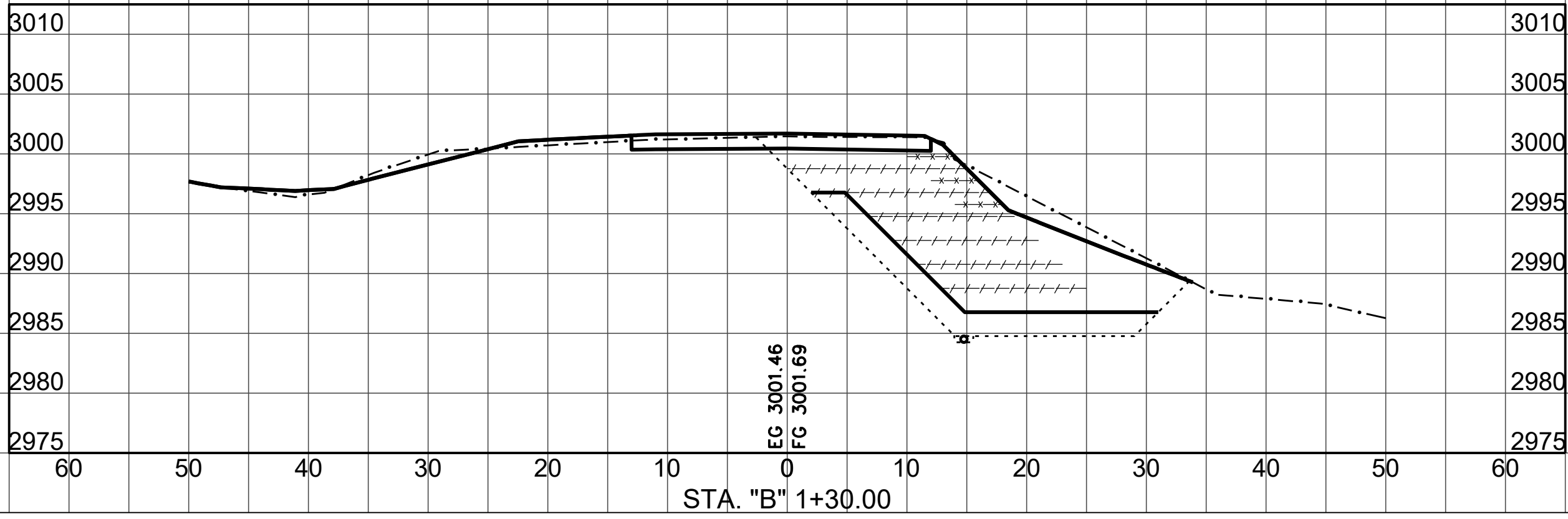
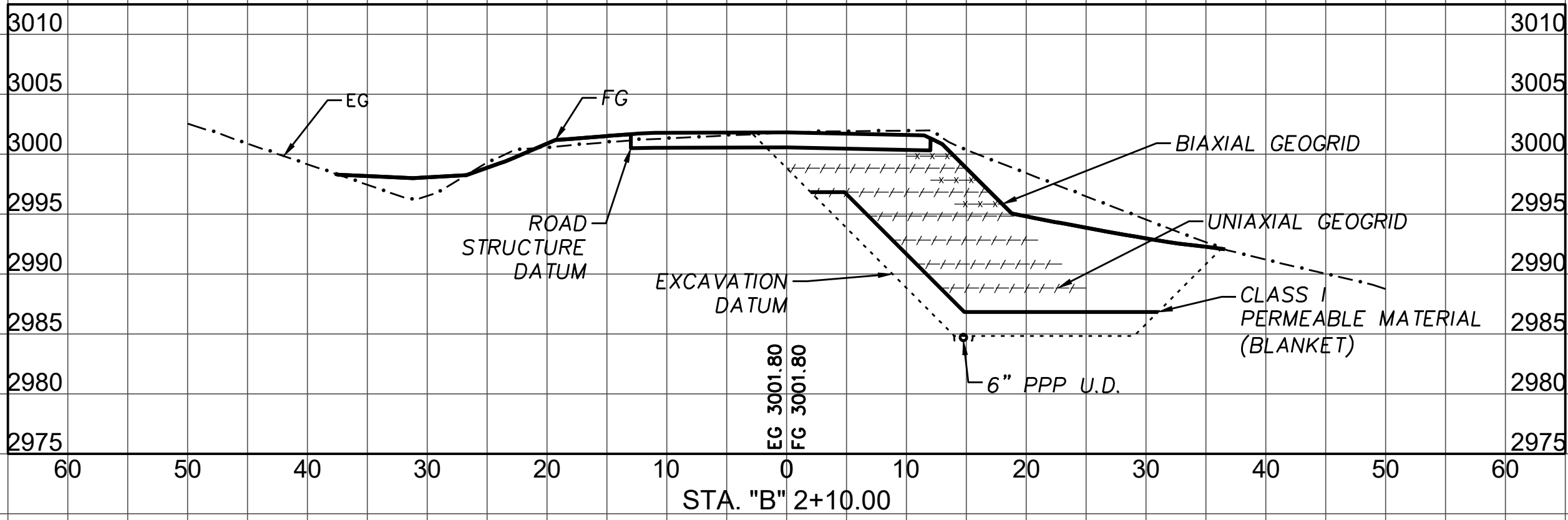
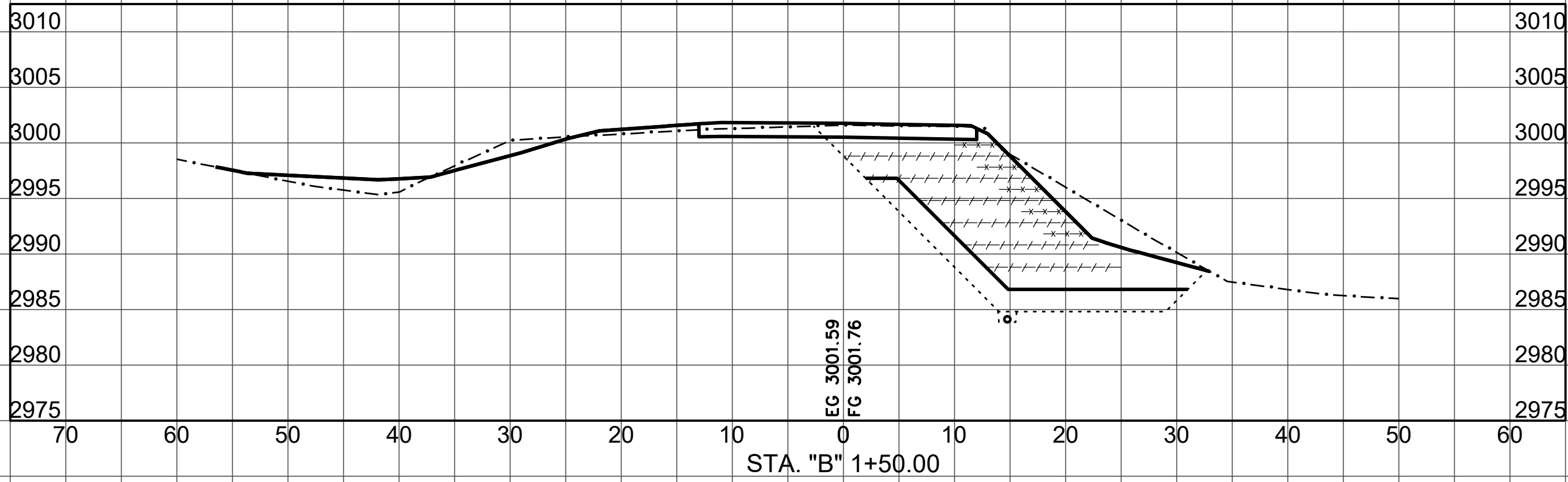
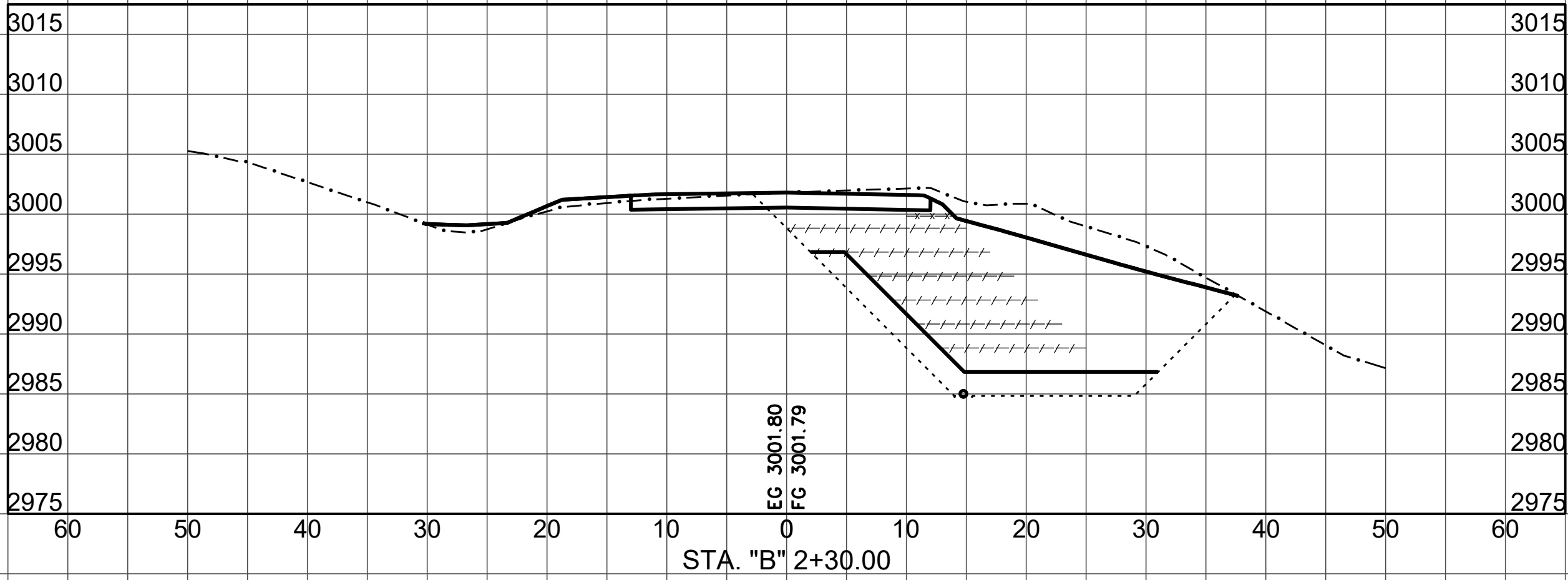
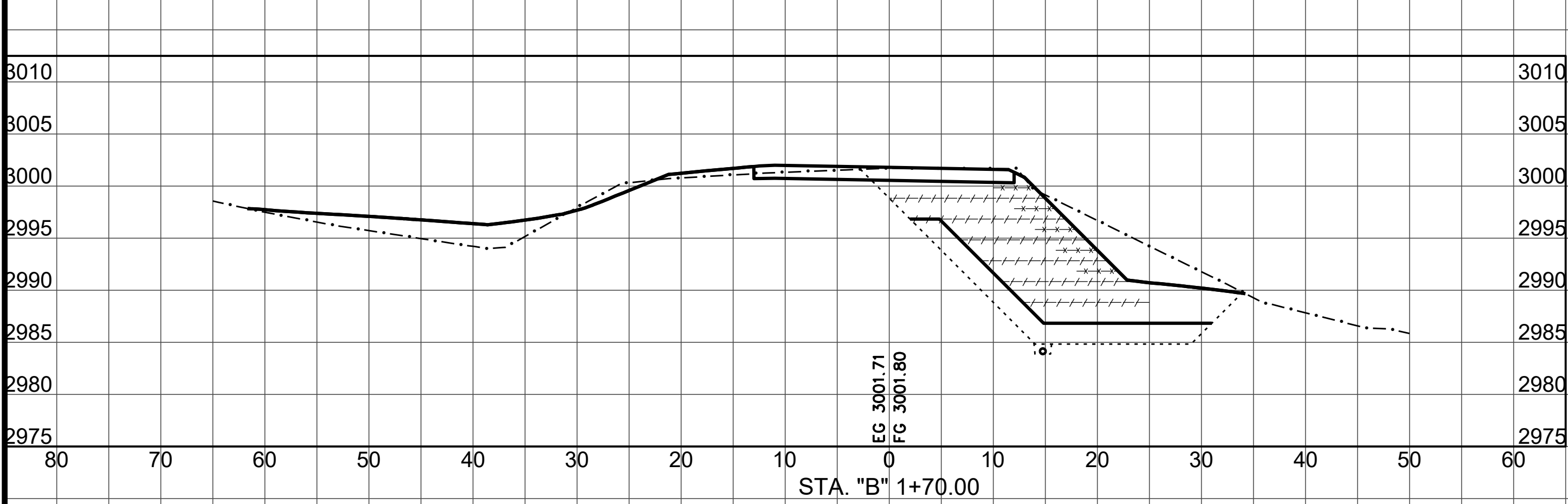
SECTION VIEWS

SCALE HORIZ: 1"=10'
SCALE VERT: 1"=10'

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BAR IS ONE INCH ON ORIGINAL DRAWING IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	ROAD NAME: ALDERPOINT ROAD		DESIGN SECTION	COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS STORM DAMAGE REPAIR TO ALDERPOINT RD 7.90 & 8.15 PM 8.15 SECTIONS	SHEET 24 OF 25
	ROAD NO: F6B165	MILE POST: 7.90 & 8.15	---		
	PROJECT NO.: ER-32LO(292 & 293)	EA NO.: NONE	DESIGNED BY: CKH		
	CONTRACT NO.: 217259 & 217260	PPNO: NONE	DRAWN BY: CKH		
	DRAWING FILE NAME: d-APBS-CO-ERTH_AP815.dwg		REVIEWED BY: ---		
	PLOT DATE: 4/16/2026	REVISION DATE: 4/15/2026	APPROVED BY: ---		

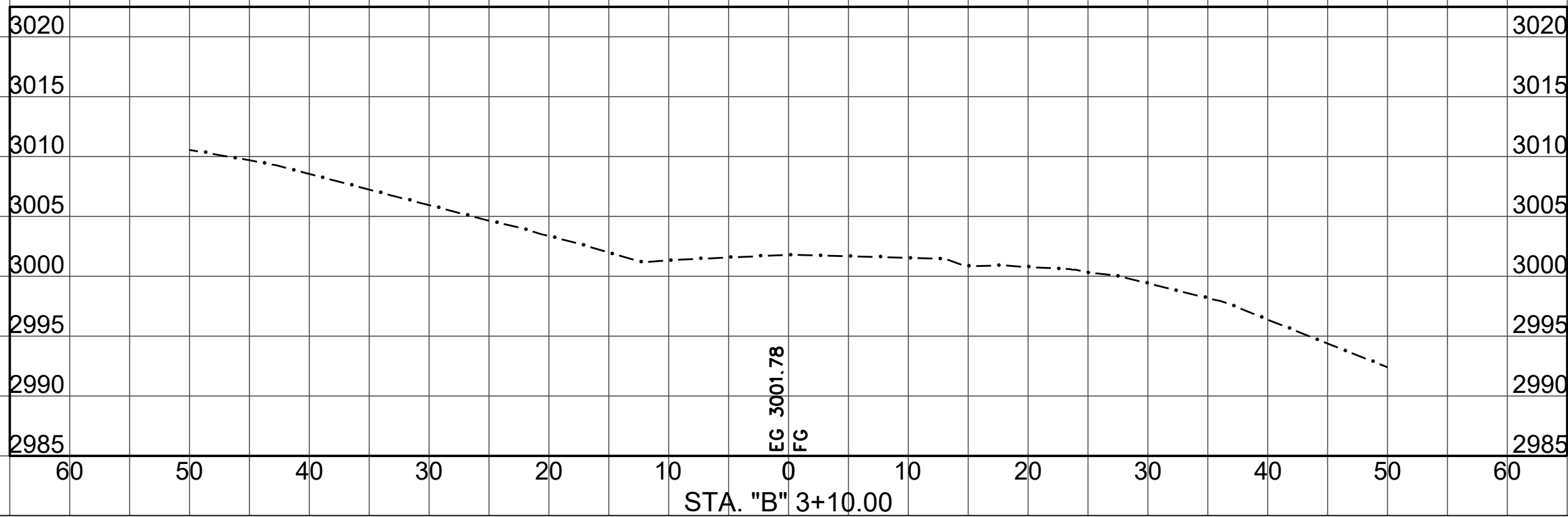
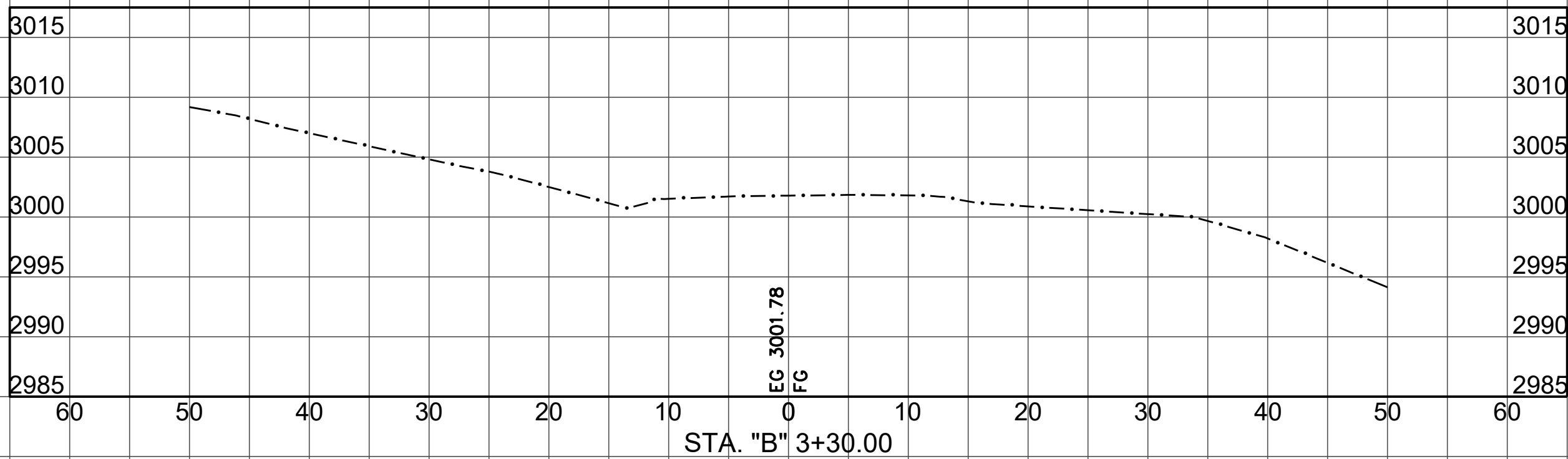
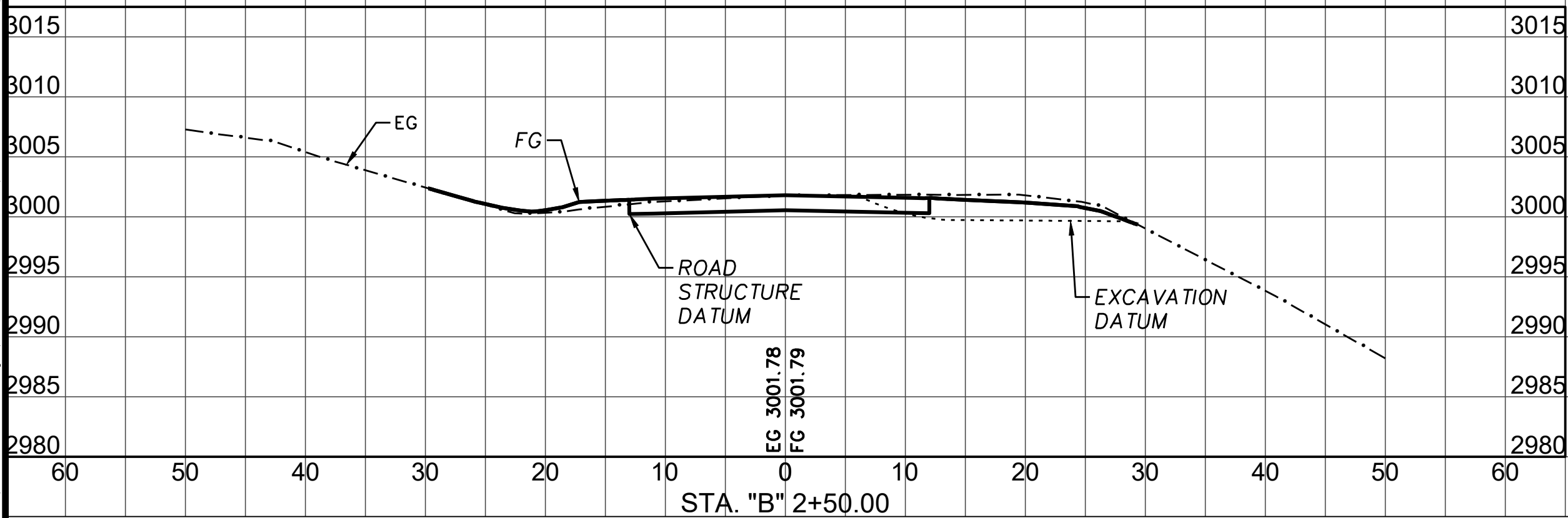
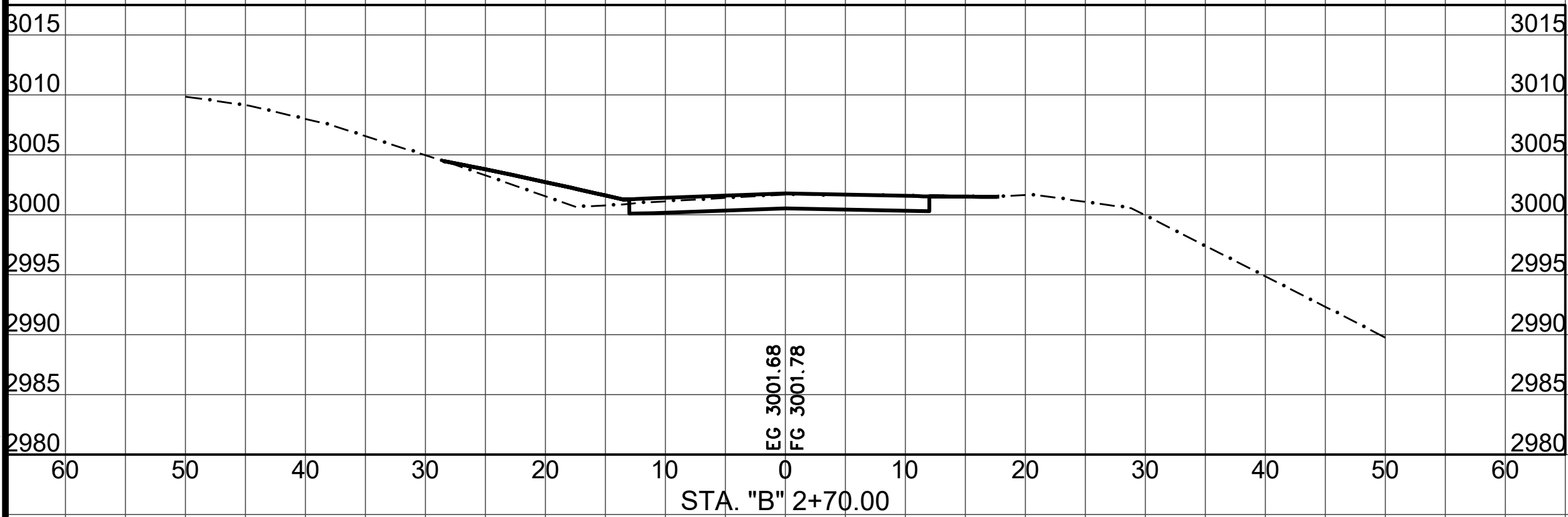
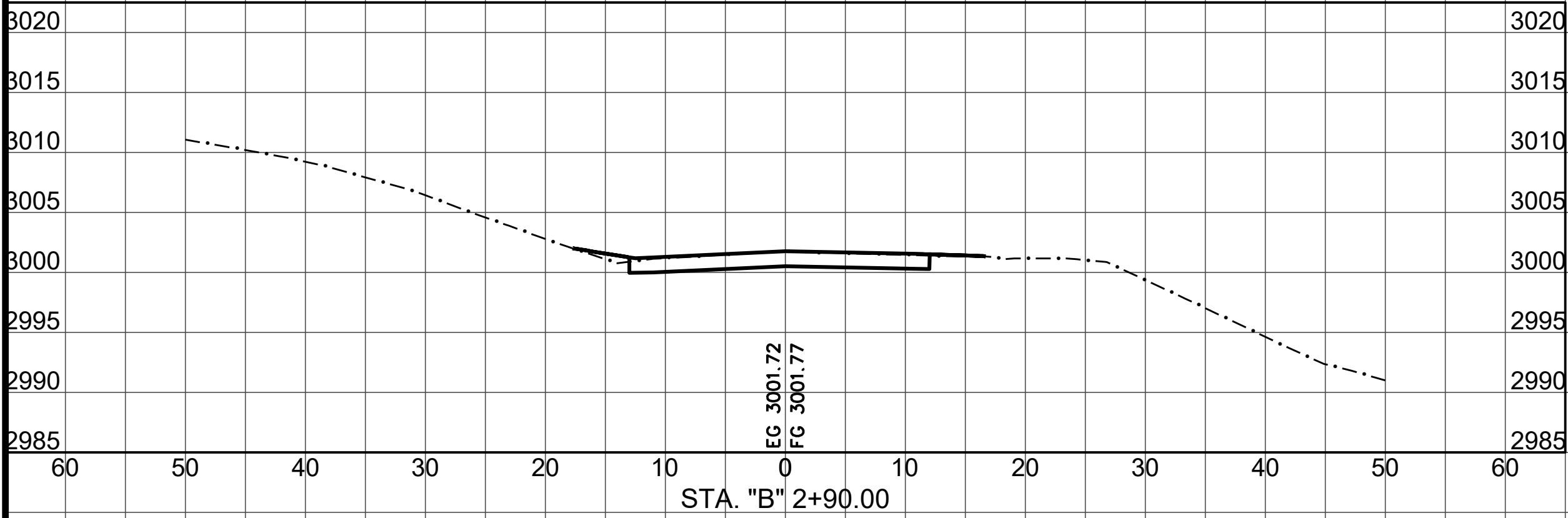


SECTION VIEWS

SCALE HORIZ: 1"=10'
SCALE VERT: 1"=10'



BAR IS ONE INCH ON ORIGINAL DRAWING IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	ROAD NAME: ALDERPOINT ROAD		DESIGN SECTION	COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC WORKS STORM DAMAGE REPAIR TO ALDERPOINT RD 7.90 & 8.15	SHEET 25 OF 25
	ROAD NO: F6B165	MILE POST: 7.90 & 8.15	—		
	PROJECT NO.: ER-32LO(292 & 293)	EA NO.: NONE	DESIGNED BY: CKH		
	CONTRACT NO.: 217259 & 217260	PPNO: NONE	DRAWN BY: CKH	PM 8.15 SECTIONS	
	DRAWING FILE NAME: d-APBS-CO-ERTH_AP815.dwg		REVIEWED BY: ---		
	PLOT DATE: 4/16/2026	REVISION DATE: 4/15/2026	APPROVED BY:---		



SECTION VIEWS

SCALE HORIZ: 1"=10'
SCALE VERT: 1"=10'

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