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STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
PROJECT PLANS FOR CONSTRUCTION ON
STATE HIGHWAY
IN MONTEREY COUNTY NEAR LUCIA AT
0.4 MILE SOUTH OF BIG CREEK BRIDGE

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
05	MON	1	27.6		





LOCATION MAP



REGISTERED PROFESSIONAL ENGINEER

JEFFERSON
V. WESTON

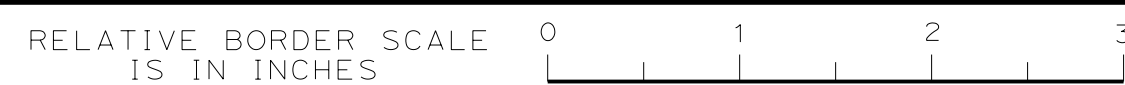
No. 53761

Exp. 6-30-25

CIVIL

STATE OF CALIFORNIA

NO SCALE



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DGN FILE => 0518000105ab001.dgn

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UNIT 1451	PROJECT NUMBER & PHASE	05180001051
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BORDER LAST REVISED 10/28/2022 | CALTRANS WEB SITE IS: [HTTP://WWW.DOT.CA.GOV/](http://www.dot.ca.gov/)

DATE PLOTTED => 24-FEB-2025	LAST REVISION
TIME PLOTTED => 16:18	02-24-25

NOTES:

1. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.
2. DIMENSIONS OF THE PAVEMENT STRUCTURES (STRUCTURAL SECTIONS) ARE SUBJECT TO TOLERANCES SPECIFIED IN THE STANDARD SPECIFICATIONS.
3. SUPERELEVATIONS ARE SHOWN ON THE SUPERELEVATION DIAGRAM.
4. EXISTING STRUCTURAL SECTION IS APPROXIMATE.

DESIGN DESIGNATION

ADT (2025)1,520D57.5% (SB)

ADT (2045)2,291T2.5%

DHV360V55 mph

ESALTI₂₀8.5

PAVEMENT CLIMATE REGION: CENTRAL COAST

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
05	Mon	1	27.6		

REGISTERED

DRAFT

DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER

JEFFERSON V. WESTON

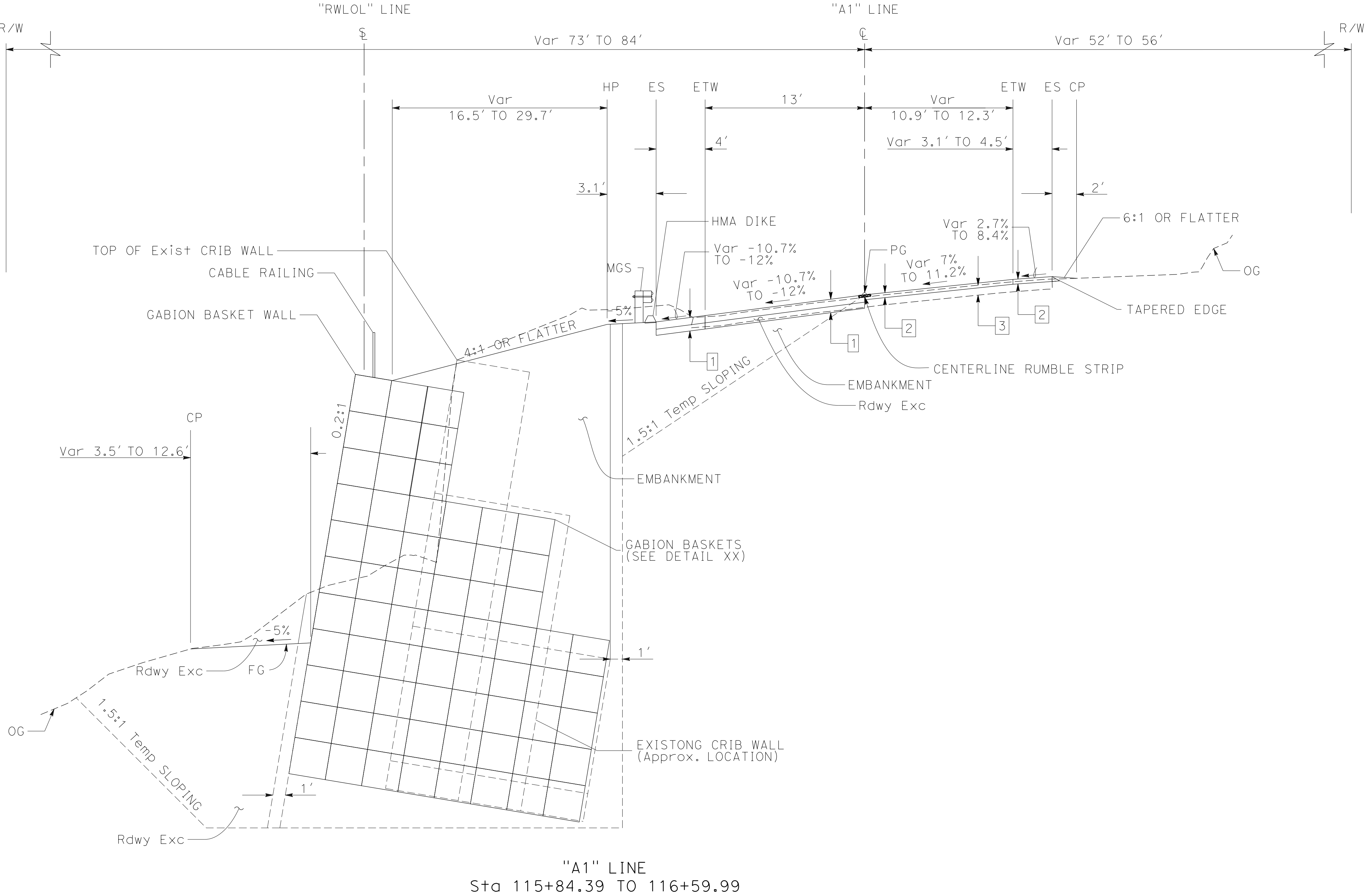
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TYPICAL PAVEMENT
STRUCTURAL SECTIONS

- 1 0.60' HMA (TYPE A)
0.50' CLASS 2 AB
- 2 0.20' COLD PLACE AC Pvm+
0.40' HMA (TYPE A)
- 3 Exist
0.30' AC
0.50' CLASS 2 AB

TYPICAL CROSS SECTION

NO SCALE

X-2

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ADT (2025)	1,520	D	57.5% (SB)	
ADT (2045)	2,291	T	2.5%	
DHV	360	V	55 mph	
ESAL		TI ₂₀	8.5	
PAVEMENT CLIMATE REGION:			CENTRAL COAST	

Dist

COUNTY

ROUTE

POST MILES TOTAL PROJECT

SHEET No.

TOTAL SHEETS

05

Mon

1

27.6

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REGISTERED PROFESSIONAL ENGINEER

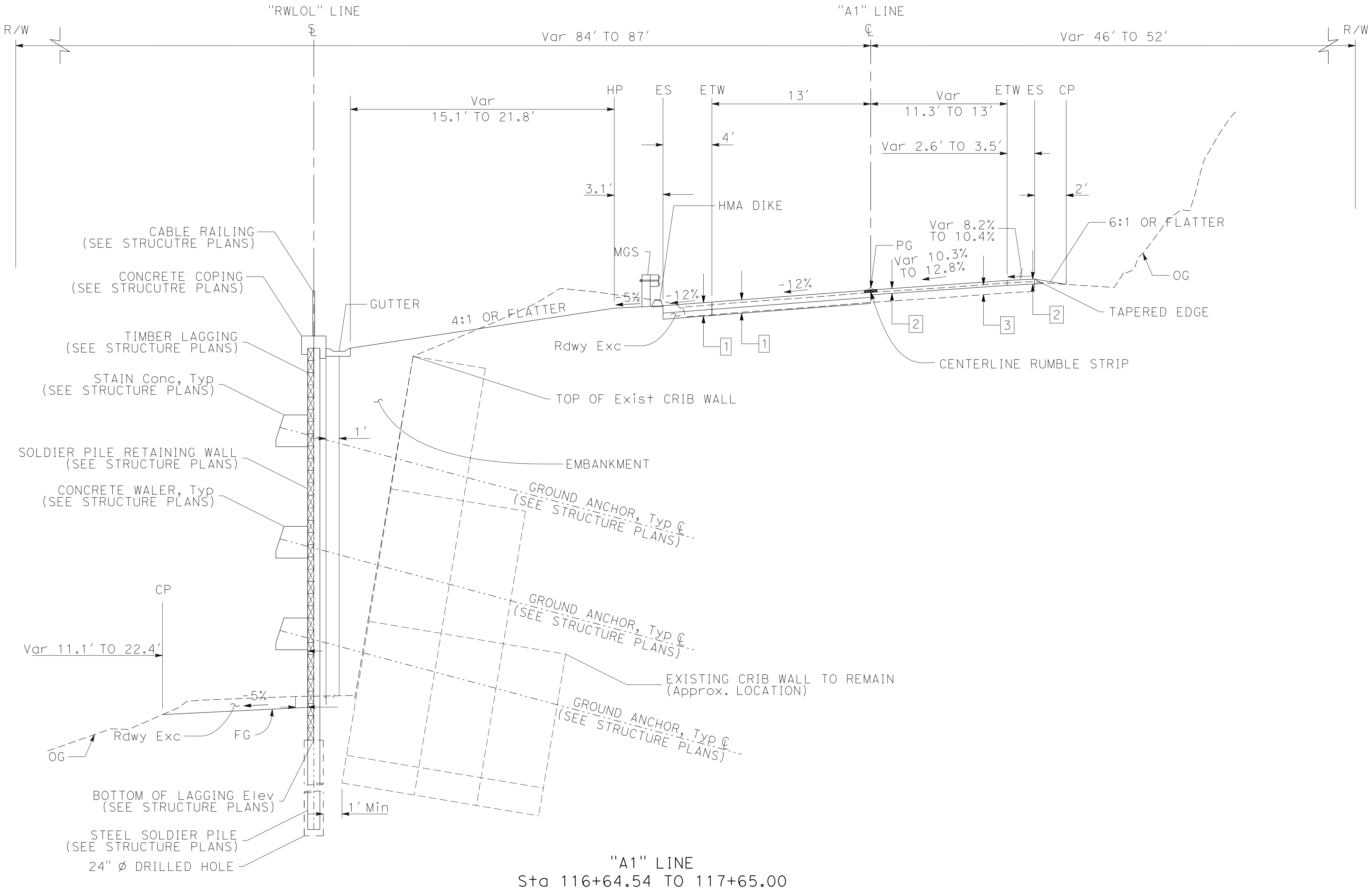
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Exp. 6-30-25

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STATE OF CALIFORNIA



TYPICAL PAVEMENT STRUCTURAL SECTIONS

- 1

0.60' HMA (TYPE A)
0.50' CLASS 2 AB
- 2

0.20' COLD PLACE AC Pvm+
0.40' HMA (TYPE A)
- 3

Exist
0.30' AC
0.50' CLASS 2 AB

"A1" LINE
Sta 116+64.54 TO 117+65.00

ROUTE 1

TYPICAL CROSS SECTION

NO SCALE

X-3

NOTES:

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PAVEMENT CLIMATE REGION: CENTRAL COAST

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V. WESTON

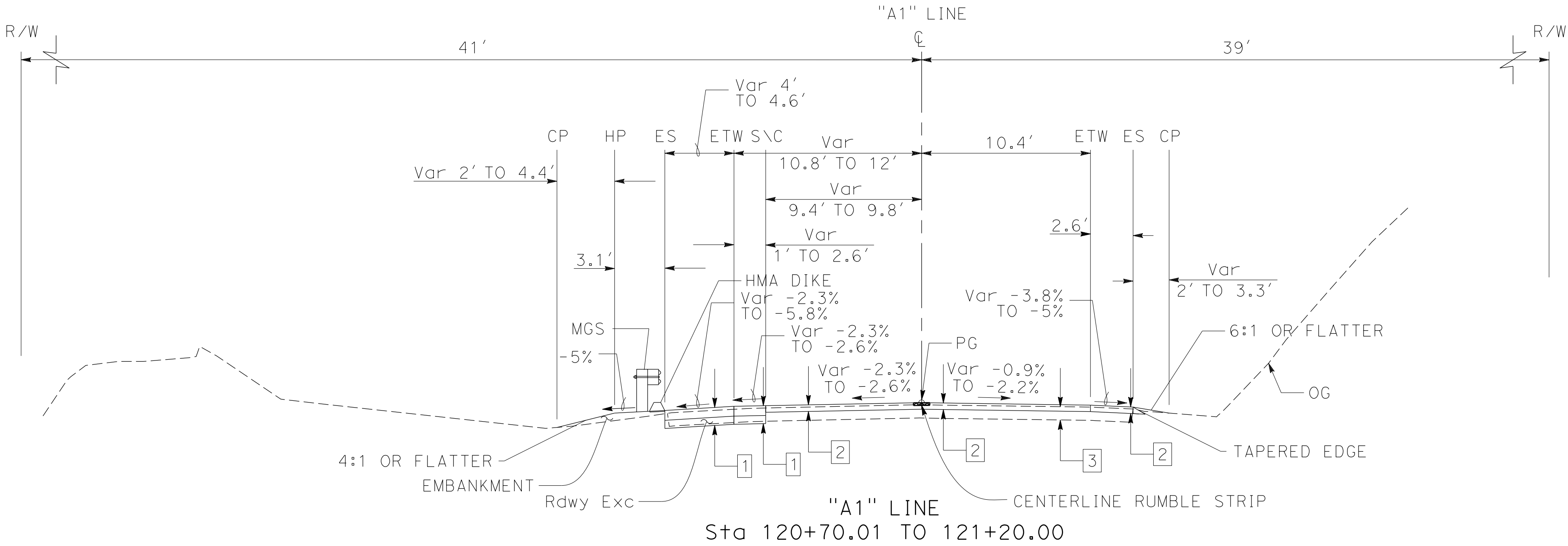
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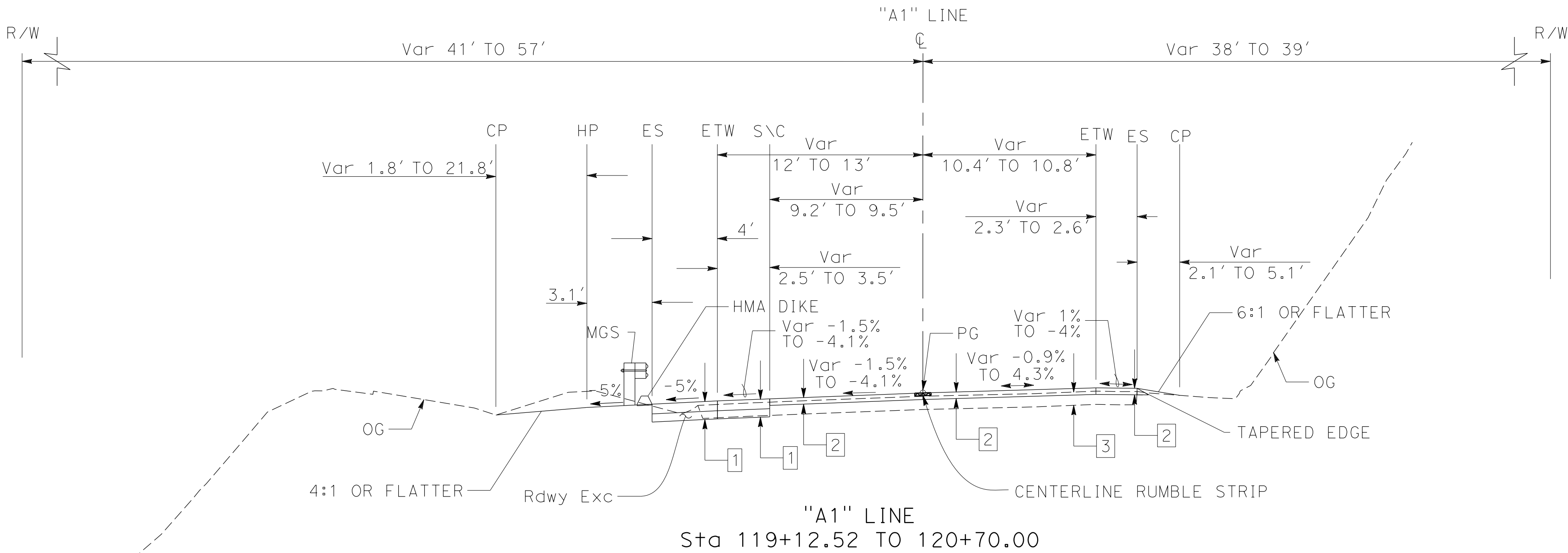
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ROUTE 1



ROUTE 1

TYPICAL PAVEMENT
STRUCTURAL SECTIONS

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0.50' CLASS 2 AB
- 2 0.20' COLD PLACE AC Pvm+
0.40' HMA (TYPE A)
- 3 Exist
0.30' AC
0.50' CLASS 2 AB

TYPICAL CROSS SECTION

NO SCALE

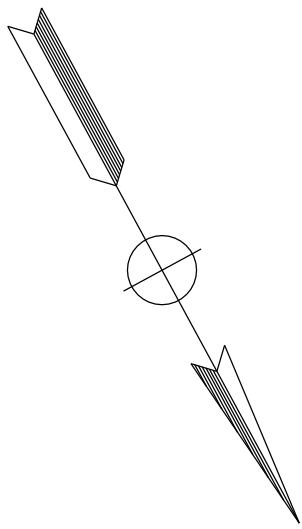
X-5

NOTES:

1. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.
2. FOR HMA DIKE LOCATIONS AND DETAILS SEE CONSTRUCTION DETAILS, SHEET C-1.
3. FOR SOLDIER PILE WALL. TANGENT WALL SEE STRUCTURE PLANS SHEET X-X

LEGEND:

PAVEMENT TRANSITION TAPER



Dist

COUNTY

ROUTE

POST MILES
TOTAL PROJECT

SHEET
No.

TOTAL
SHEETS

05

MON

1

27.6

REGISTERED

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REGISTERED PROFESSIONAL ENGINEER

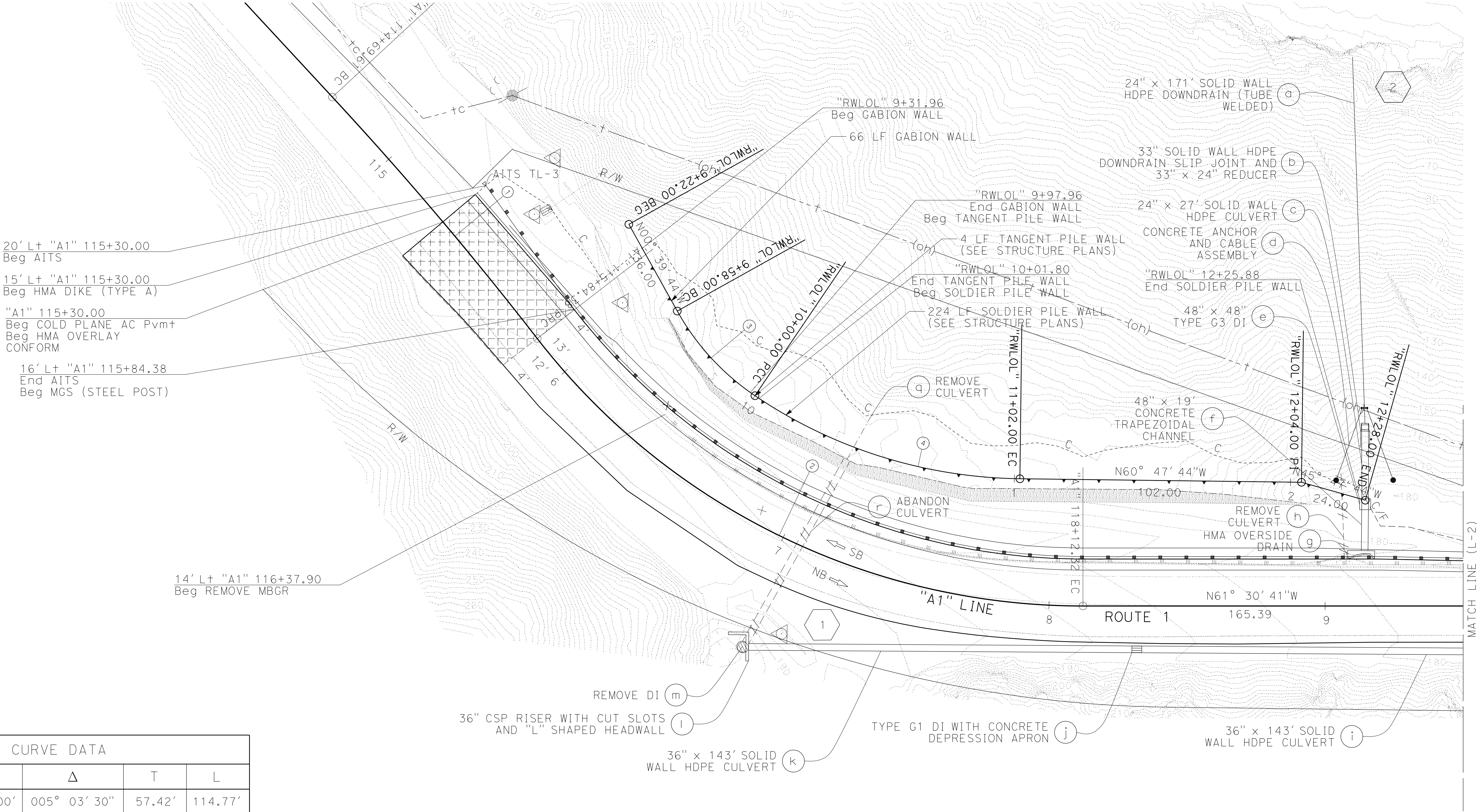
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STATE OF CALIFORNIA



CURVE DATA				
Curve #	R	Δ	T	L
1	1300.00'	005° 03' 30"	57.42'	114.77'
2	250.00'	052° 14' 20"	122.58'	227.93'
3	90.00'	026° 44' 17"	21.39'	42.00'
4	175.00'	033° 23' 43"	52.49'	102.00'

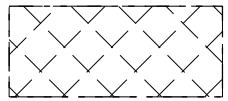
LAYOUT
SCALE: 1" = 20'

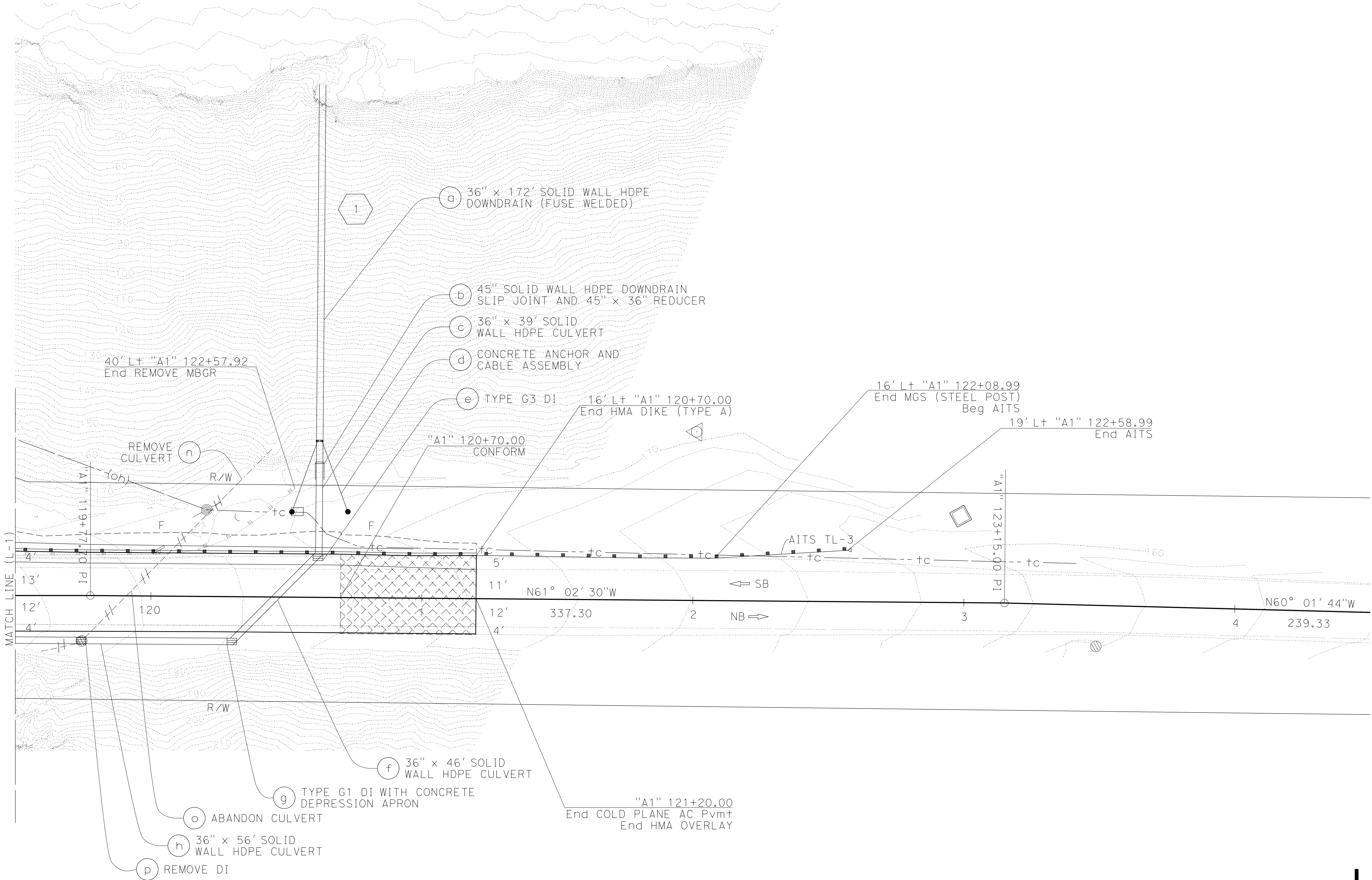
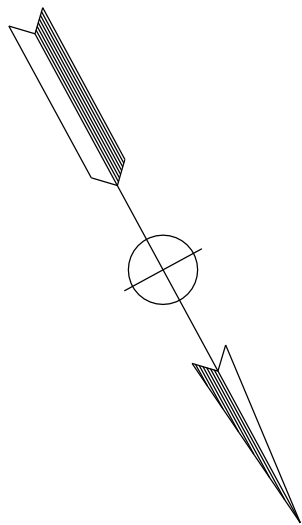
L-1

NOTES:

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2. FOR HMA DIKE LOCATIONS AND DETAILS SEE CONSTRUCTION DETAILS, SHEET C-1.
3. FOR SOLDIER PILE WALL. TANGENT WALL SEE STRUCTURE PLANS SHEET X-X

LEGEND:

 PAVEMENT TRANSITION TAPER



LAYOUT
SCALE: 1" = 20'

L-2

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
05	MON	1	27.6		

REGISTERED ENGINEER

DRAFT

DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER

JEFFERSON V. WESTON

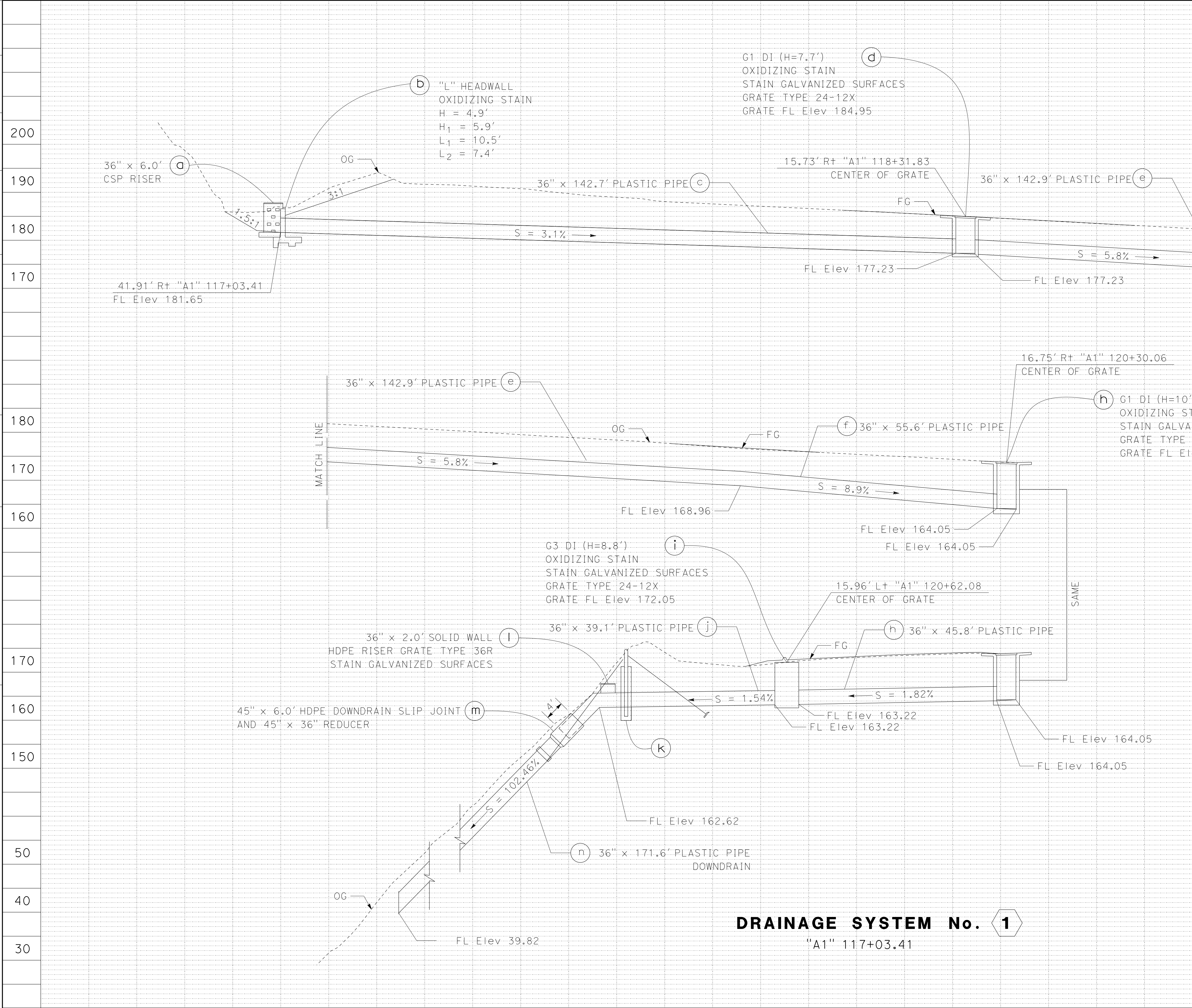
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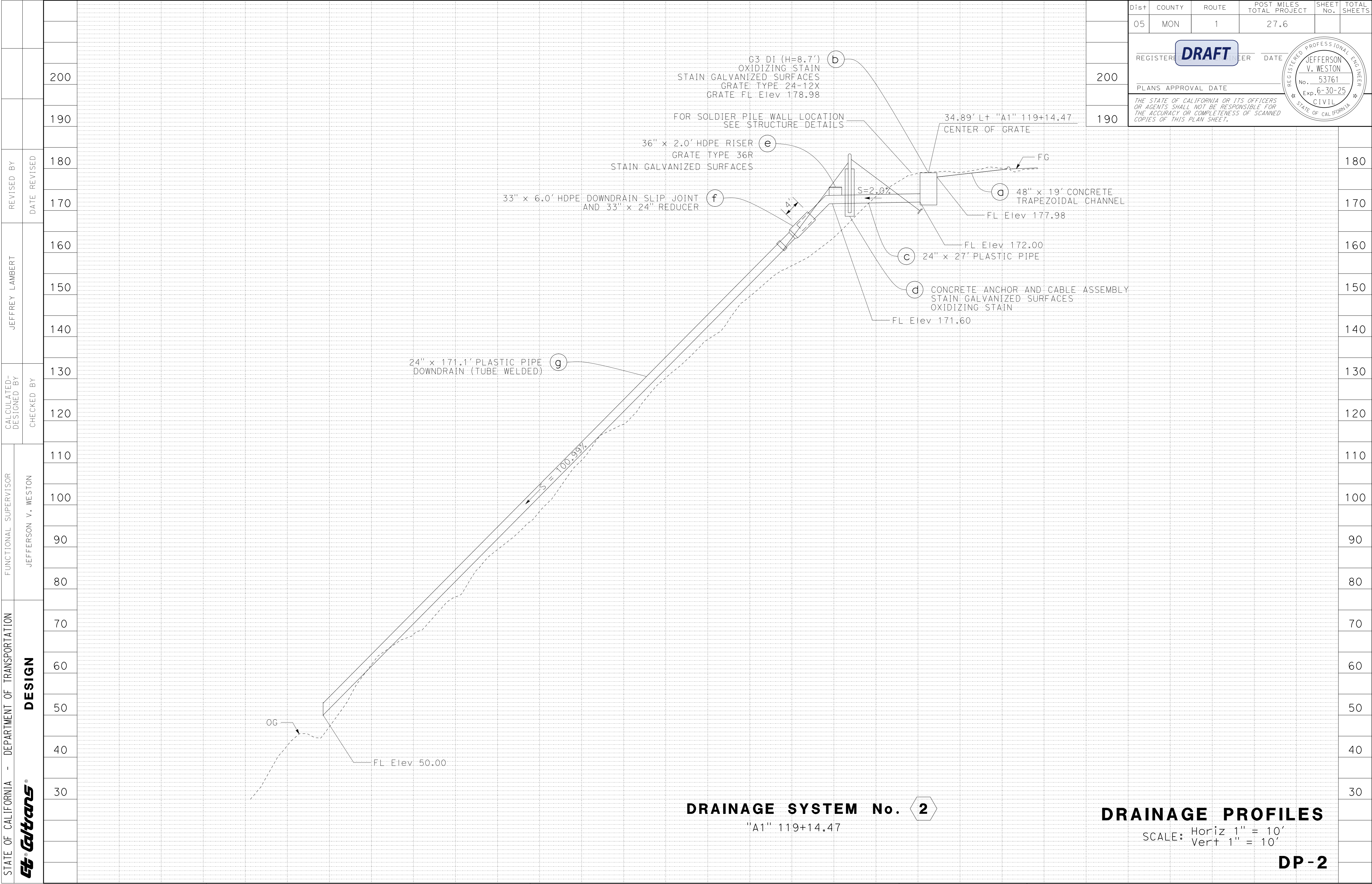
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STATE OF CALIFORNIA

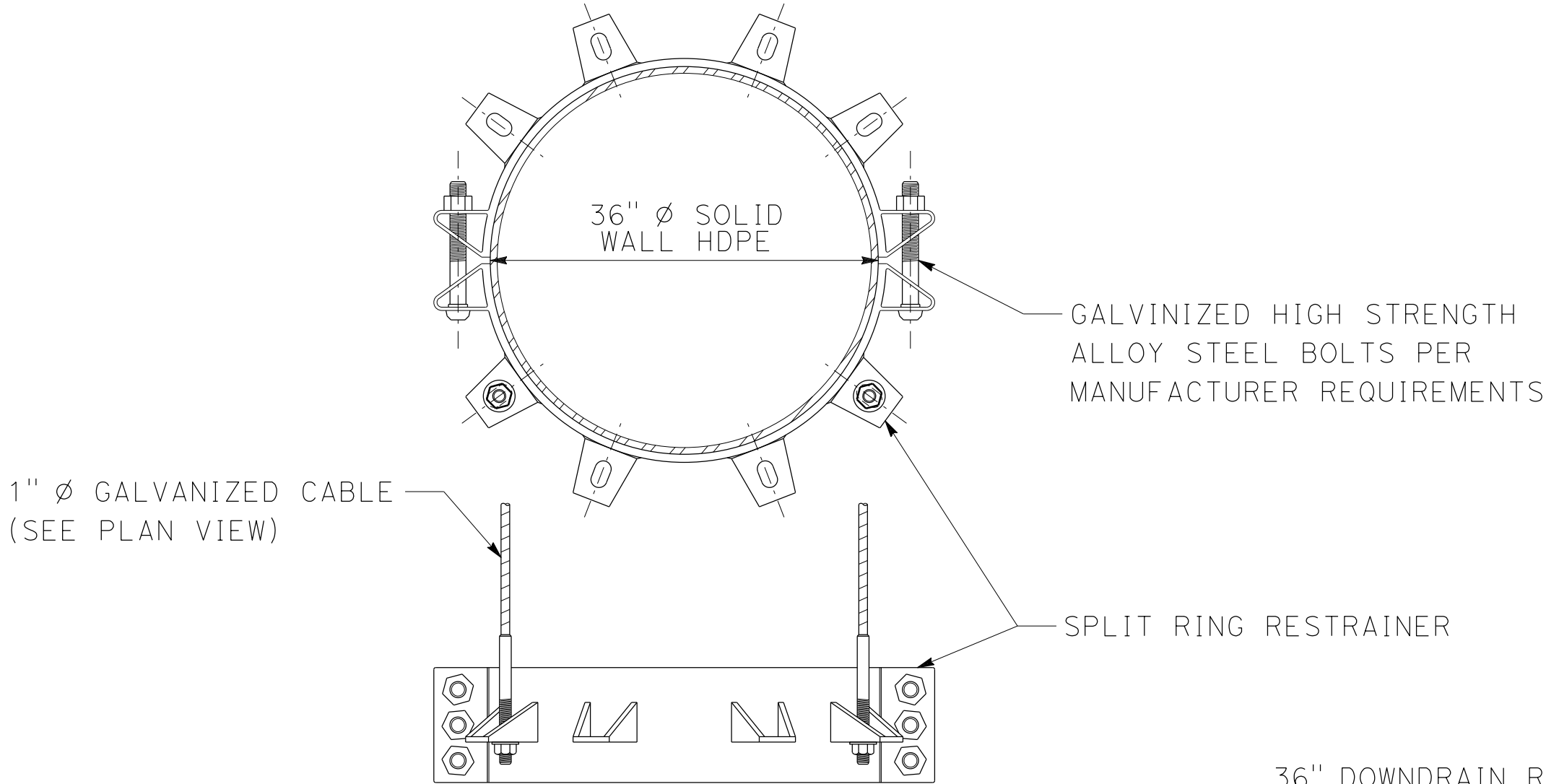
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NOTES:

1. FOR DETAILS OF RESTRAINER, REFER TO MANUFACTURER'S SPECIFICATIONS AND INSTALLATION INSTRUCTIONS.
2. FOR ADDITIONAL DETAILS OF SOIL ANCHOR, REFER TO MANUFACTURER'S SPECIFICATIONS AND INSTALLATION INSTRUCTIONS.
3. REFER TO STANDARD PLAN D87C FOR DETAILS CONCERNING STEEL ANCHOR PIPE, CABLE AND CABLE CLIPS.
4. CENTER EYEBOLT IN ANCHOR PIPE PARALLEL TO CABLE.
5. SOIL ANCHOR MUST BE PROOF TESTED TO REQUIRED CAPACITY.
6. STAIN ALL GALVANIZED SURFACES.
7. APPLY OXIDIZING STAIN TO ALL EXPOSED CONCRETE SURFACES.
8. WITH WRITTEN APPROVAL OF THE ENGINEER, A SINGLE STEP CONCENTRIC REDUCER MAY BE USED, BUT IN NO CASE SHALL AN ECCENTRIC REDUCER BE ALLOWED.
9. 36" SOLID WALL HDPE (DR 32.5) PIPE IS STATE-FURNISHED.

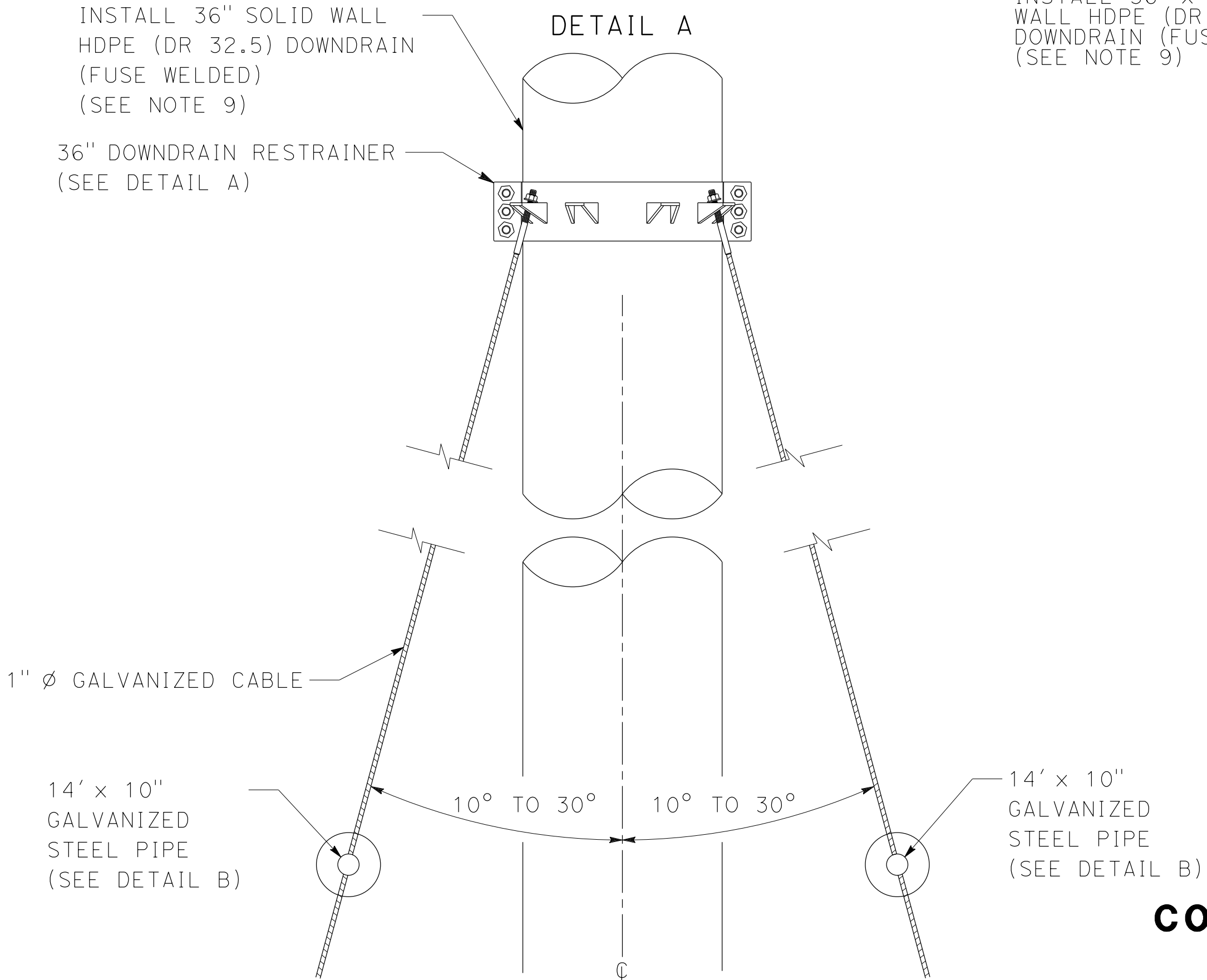


DOWNDRAIN RESTRAINER

INSTALL 36" SOLID WALL HDPE (DR 32.5) DOWNDRAIN (FUSE WELDED) (SEE NOTE 9)

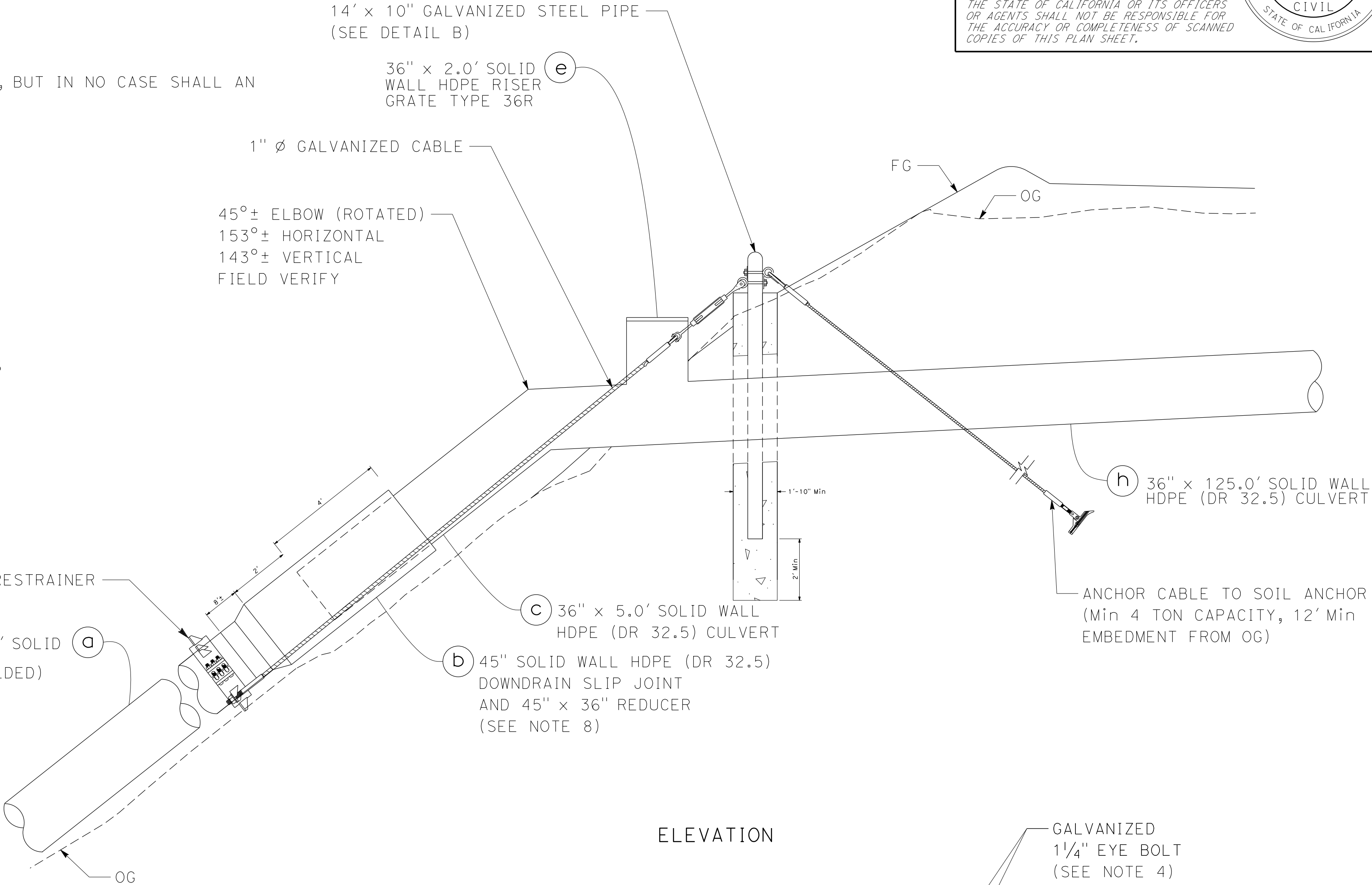
36" DOWNDRAIN RESTRAINER (SEE DETAIL A)

DETAIL A

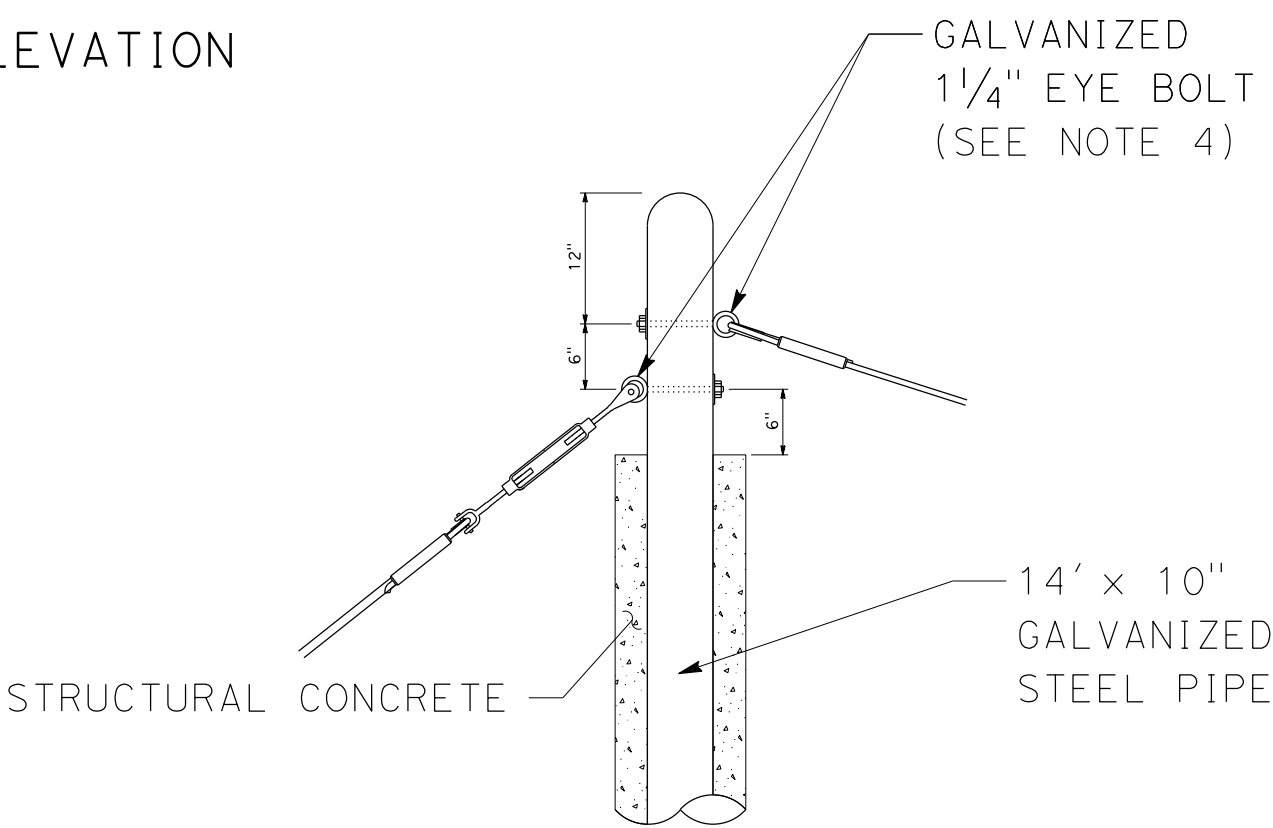


PLAN

CONCRETE ANCHOR AND CABLE ASSEMBLY 1



ELEVATION



DETAIL B

DRAINAGE DETAILS

NO SCALE

DD-1

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
05	Mon	1	27.6		
REGISTERED ENGINEER DATE					
PLANS APPROVAL DATE					
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JEFFERSON V. WESTON

No. 53761

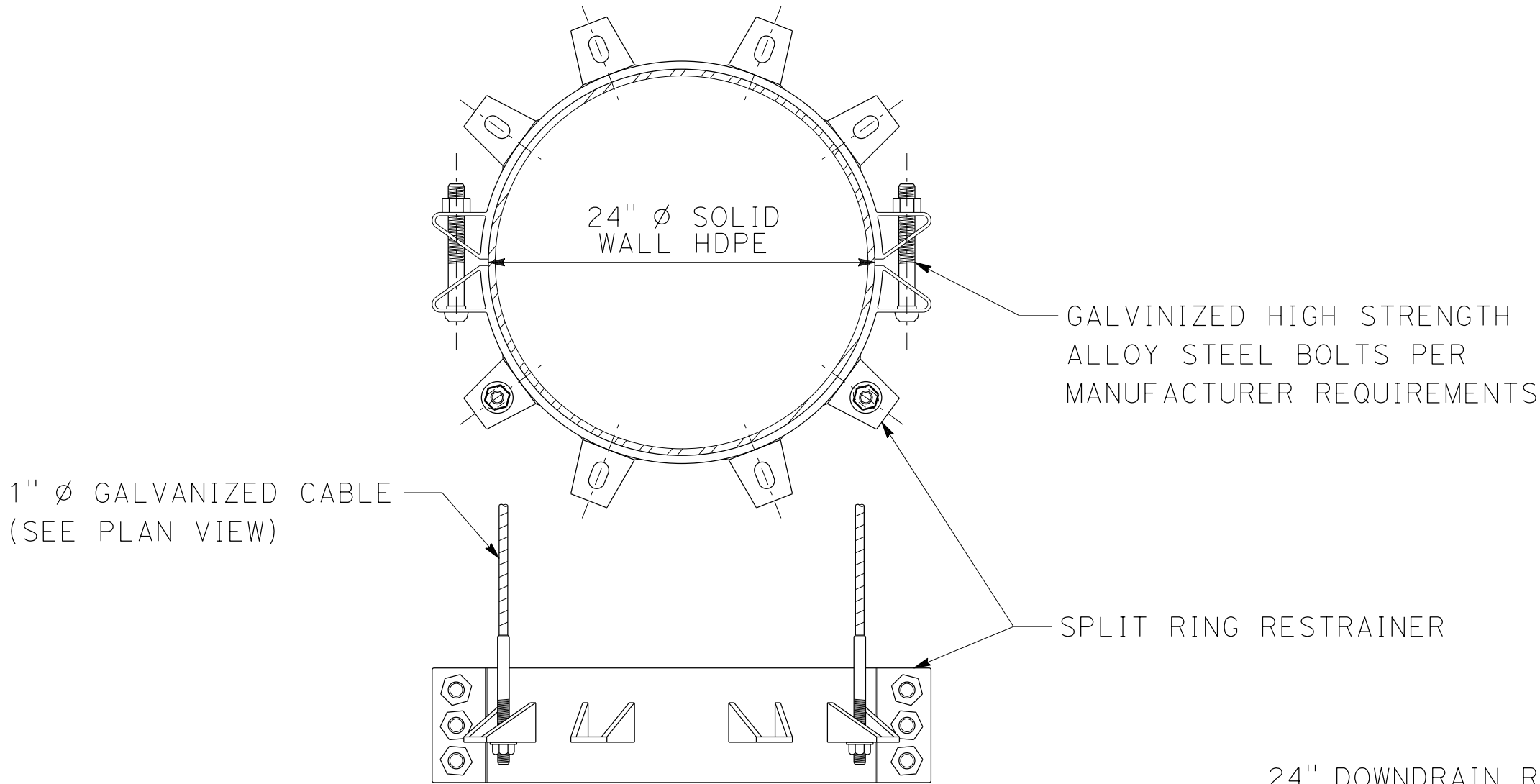
Exp. 6-30-25

CIVIL

STATE OF CALIFORNIA

NOTES:

1. FOR DETAILS OF RESTRAINER, REFER TO MANUFACTURER'S SPECIFICATIONS AND INSTALLATION INSTRUCTIONS.
2. FOR ADDITIONAL DETAILS OF SOIL ANCHOR, REFER TO MANUFACTURER'S SPECIFICATIONS AND INSTALLATION INSTRUCTIONS.
3. REFER TO STANDARD PLAN D87C FOR DETAILS CONCERNING STEEL ANCHOR PIPE, CABLE AND CABLE CLIPS.
4. CENTER EYEBOLT IN ANCHOR PIPE PARALLEL TO CABLE.
5. SOIL ANCHOR MUST BE PROOF TESTED TO REQUIRED CAPACITY.
6. STAIN ALL GALVANIZED SURFACES.
7. APPLY OXIDIZING STAIN TO ALL EXPOSED CONCRETE SURFACES.
8. WITH WRITTEN APPROVAL OF THE ENGINEER, A SINGLE STEP CONCENTRIC REDUCER MAY BE USED, BUT IN NO CASE SHALL AN ECCENTRIC REDUCER BE ALLOWED.
9. 24" SOLID WALL HDPE (DR 32.5) PIPE IS STATE-FURNISHED.

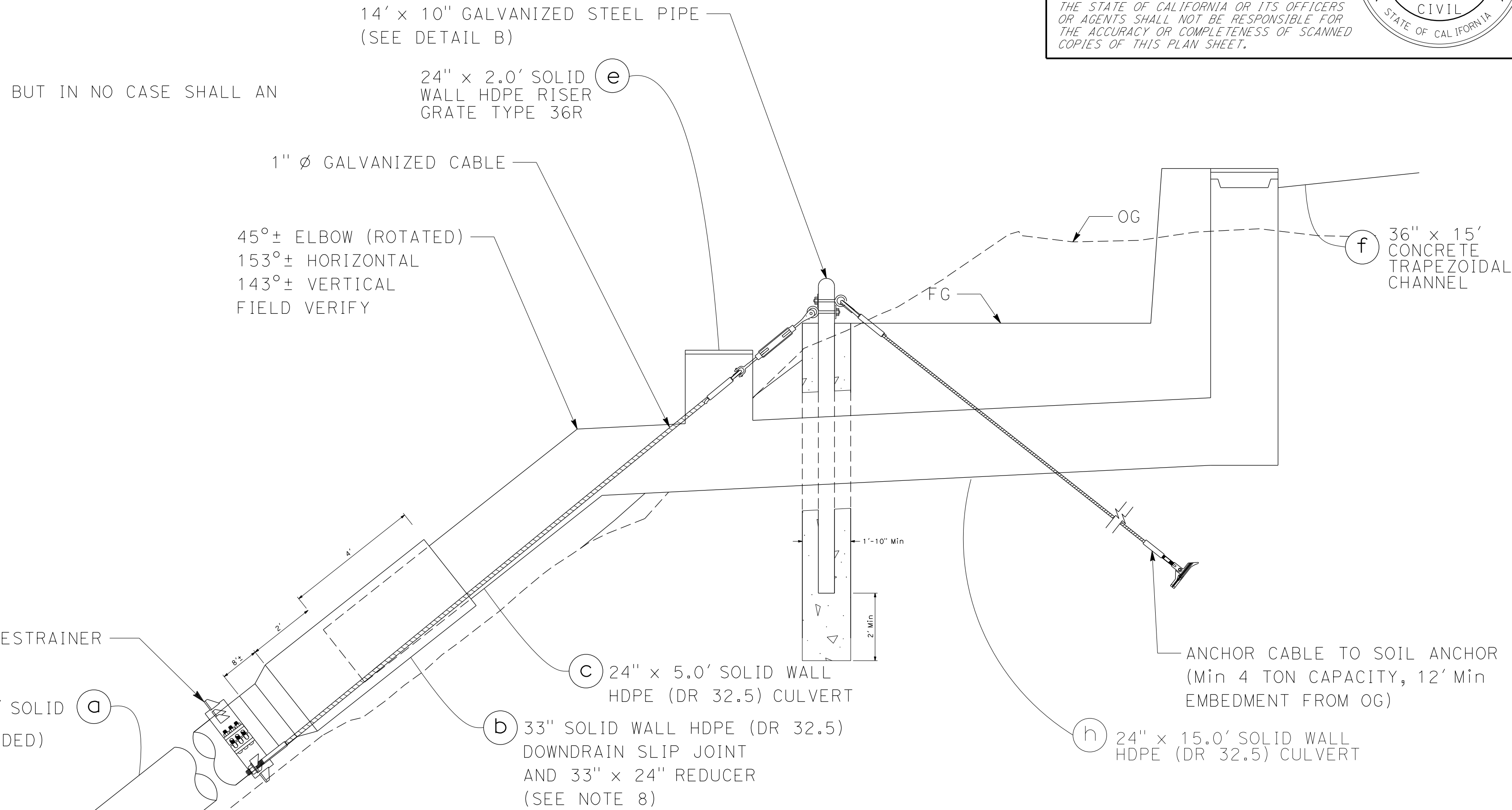
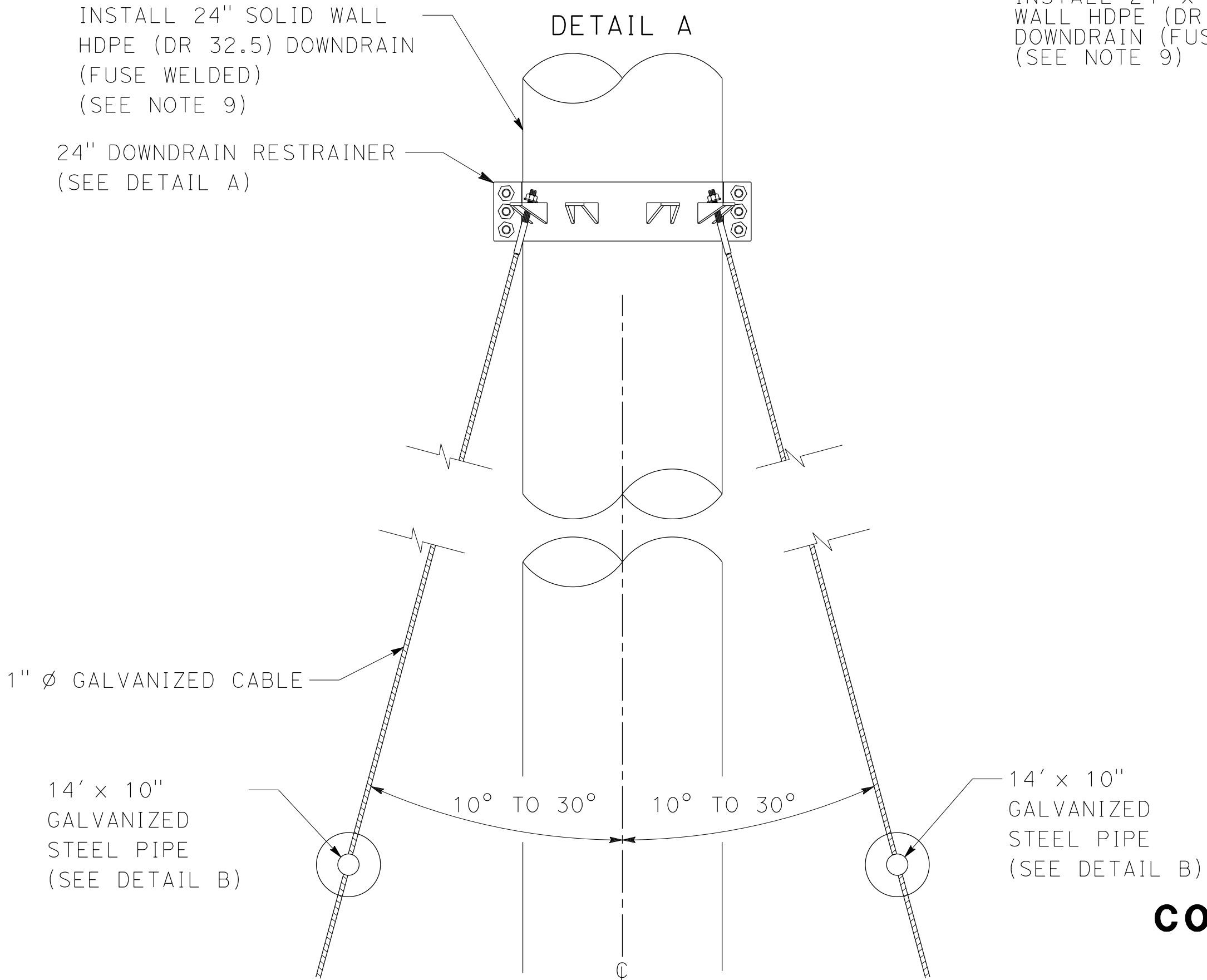


DOWNDRAIN RESTRAINER

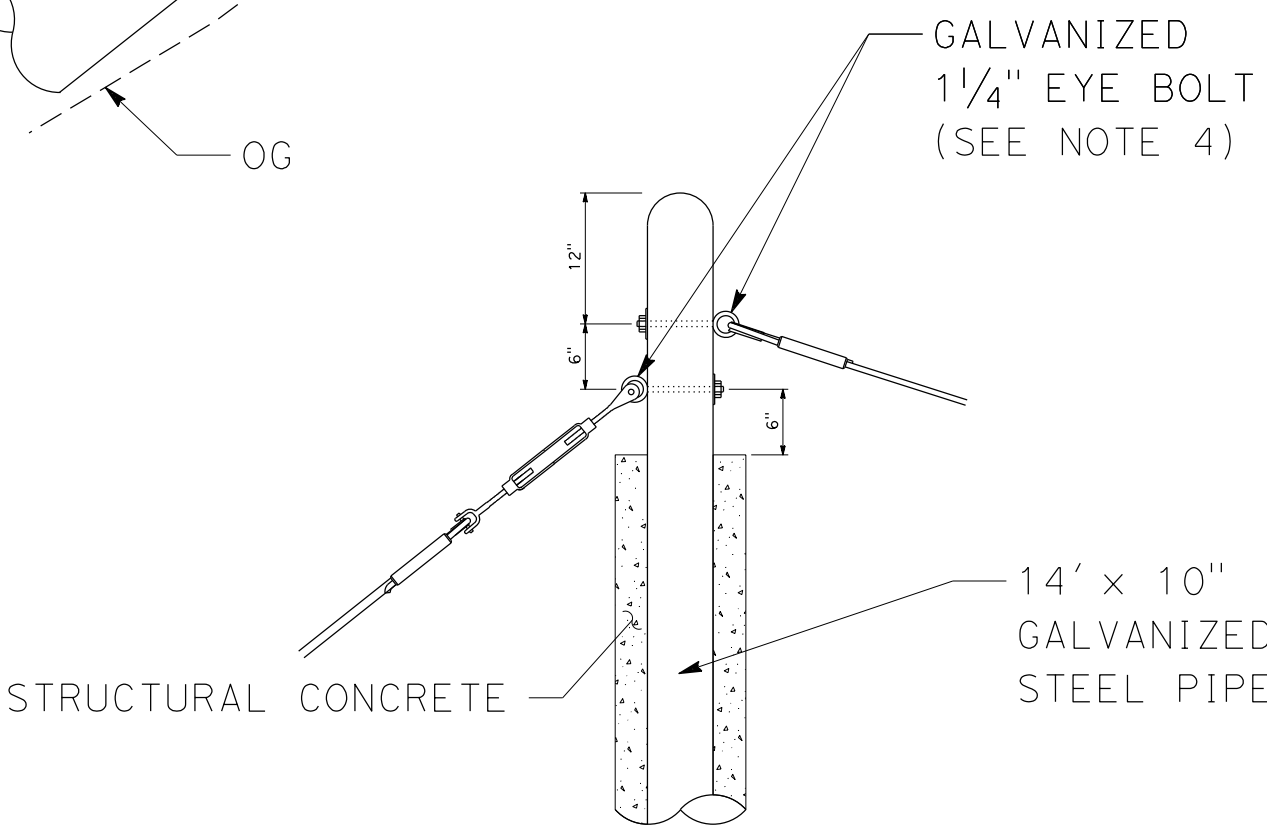
INSTALL 24" SOLID WALL HDPE (DR 32.5) DOWNDRAIN (FUSE WELDED) (SEE NOTE 9)

24" DOWNDRAIN RESTRAINER (SEE DETAIL A)

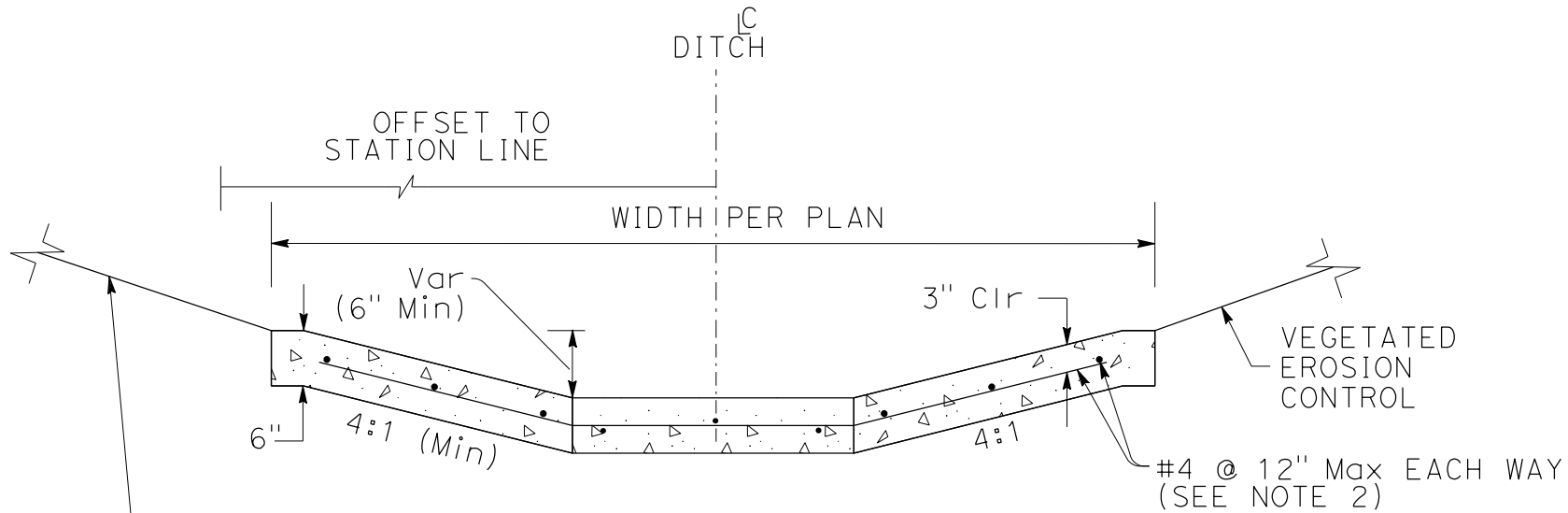
DETAIL A



ELEVATION



DETAIL B



CONCRETE TRAPEZOIDAL CHANNEL

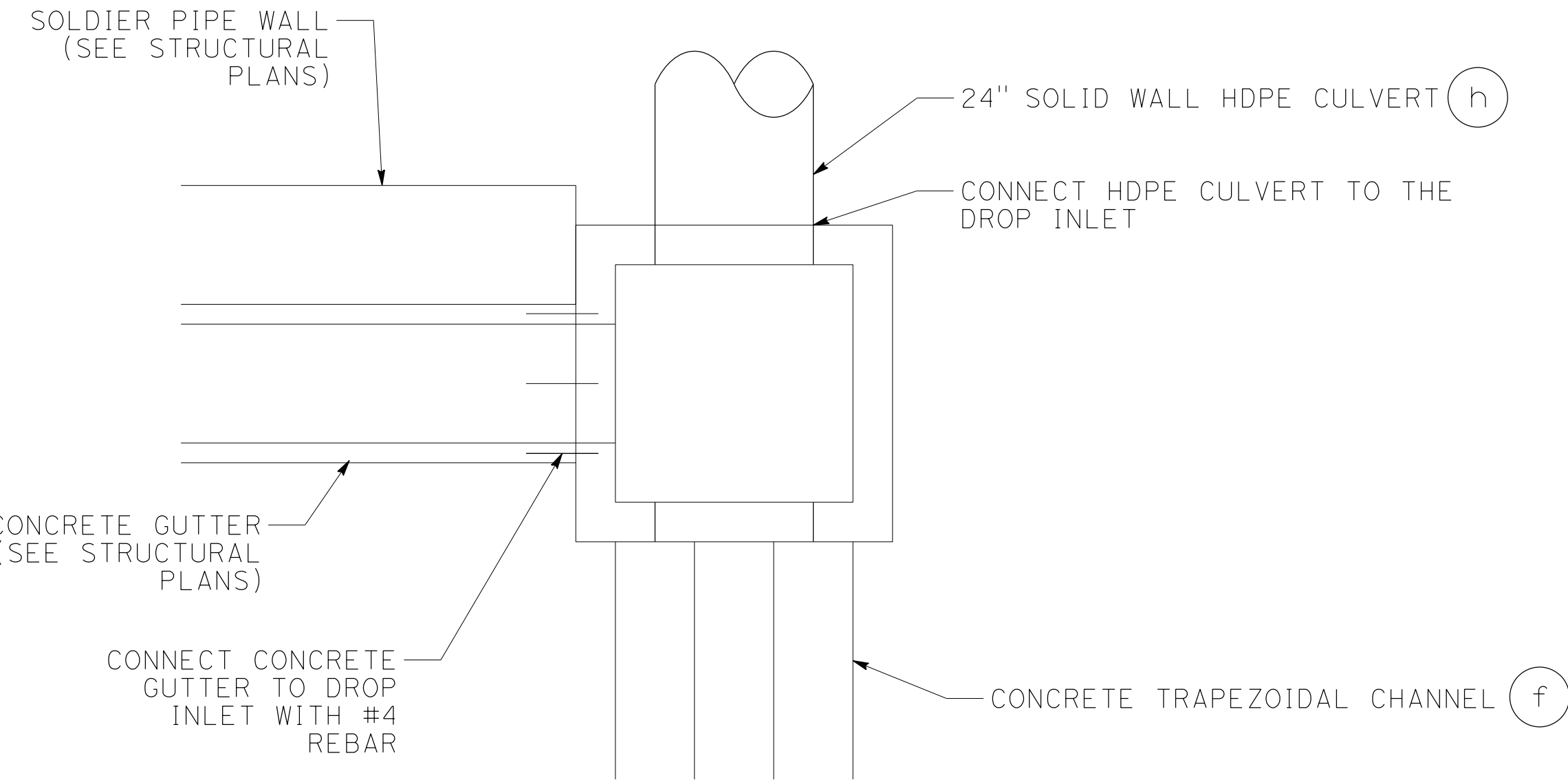
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CONCRETE ANCHOR AND CABLE ASSEMBLY 2

DRAINAGE DETAILS

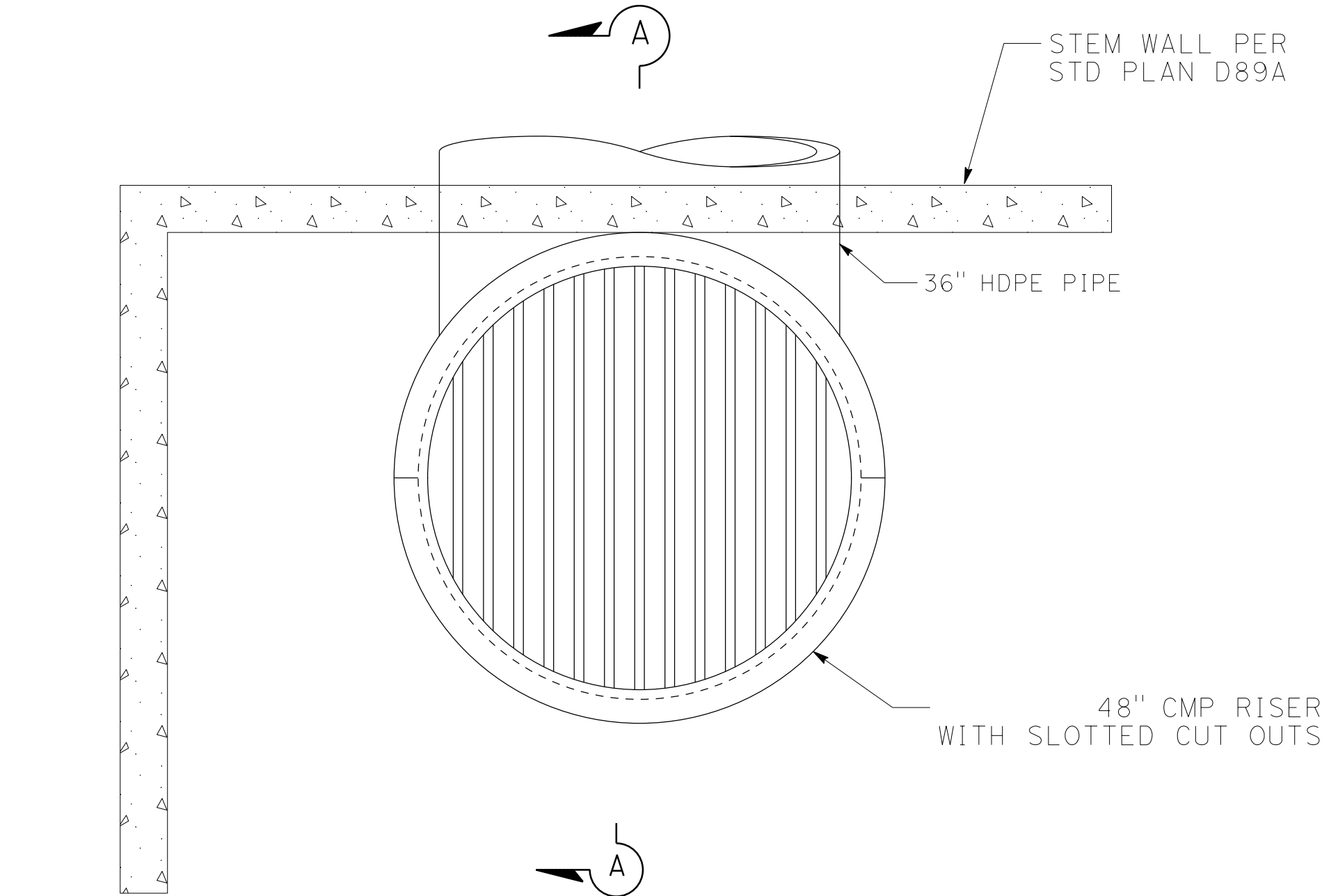
NO SCALE

DD-2



DRAINAGE INLET STRUCTURE

2



DRAINAGE INLET STRUCTURE

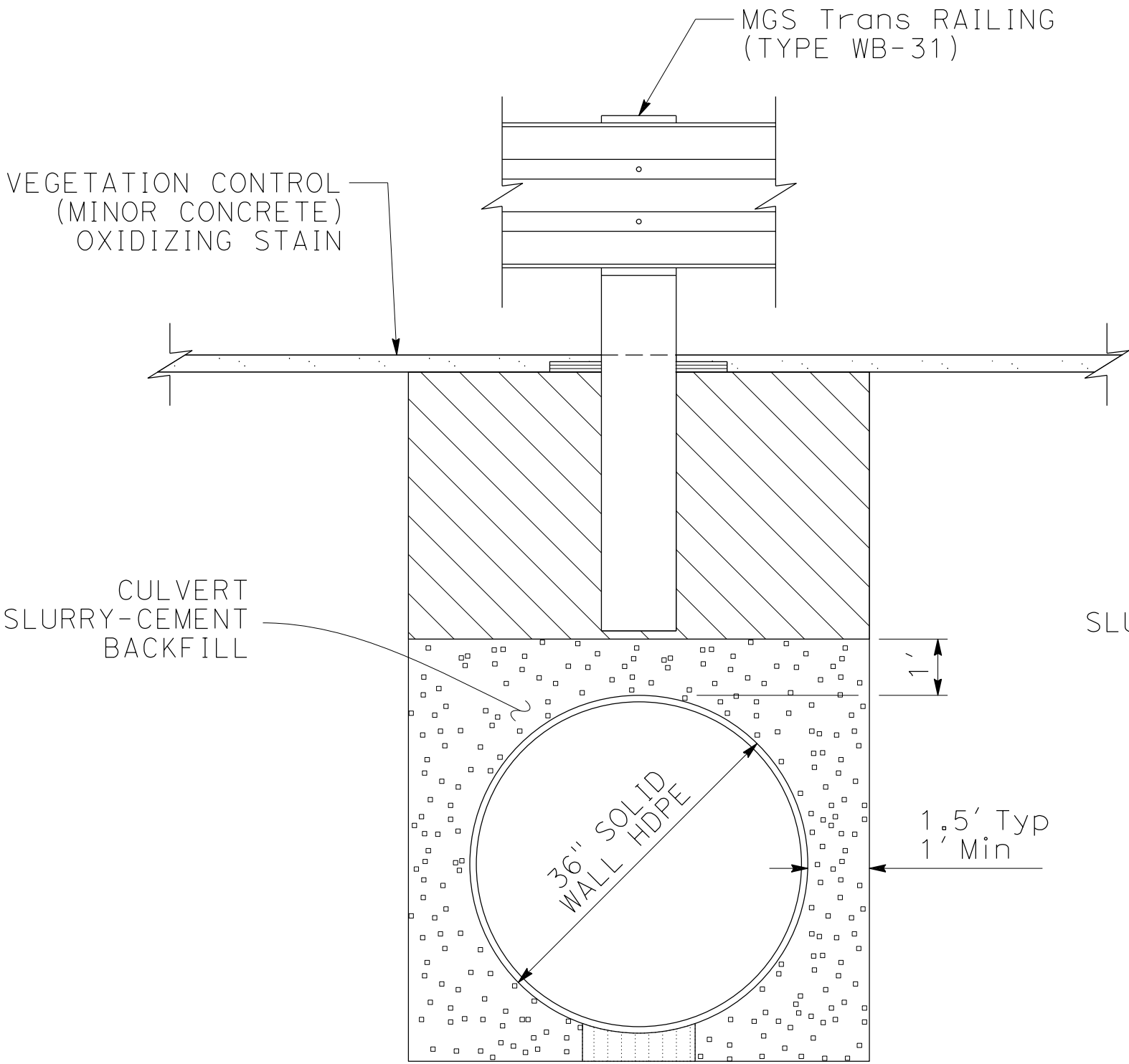
1

NOTES (THIS SHEET ONLY):

1. THE CONCRETE SHALL BE CURED FOR A MINIMUM PERIOD OF 48 HOURS BEFORE ANY WATER IS PERMITTED TO FLOW IN THE INVERT.
2. THE CONTRACTOR SHALL CLEAN THE ENTIRE INTERIOR SURFACE TO BE REPAIRED WITH HIGH-PRESSURE WATER JET AND/OR WET SAND BLASTING, AND THE SURFACE SHALL BE FREE OF DUST FLAKES AFTER DRILLING AND BONDING.
3. MINIMUM CONCRETE COVER ABOVE REBAR SHALL BE 1 1/2". DOWELS SHALL HAVE A MINIMUM 1 1/2" OF LATER CONCRETE COVER.

LEGEND (THIS SHEET ONLY):

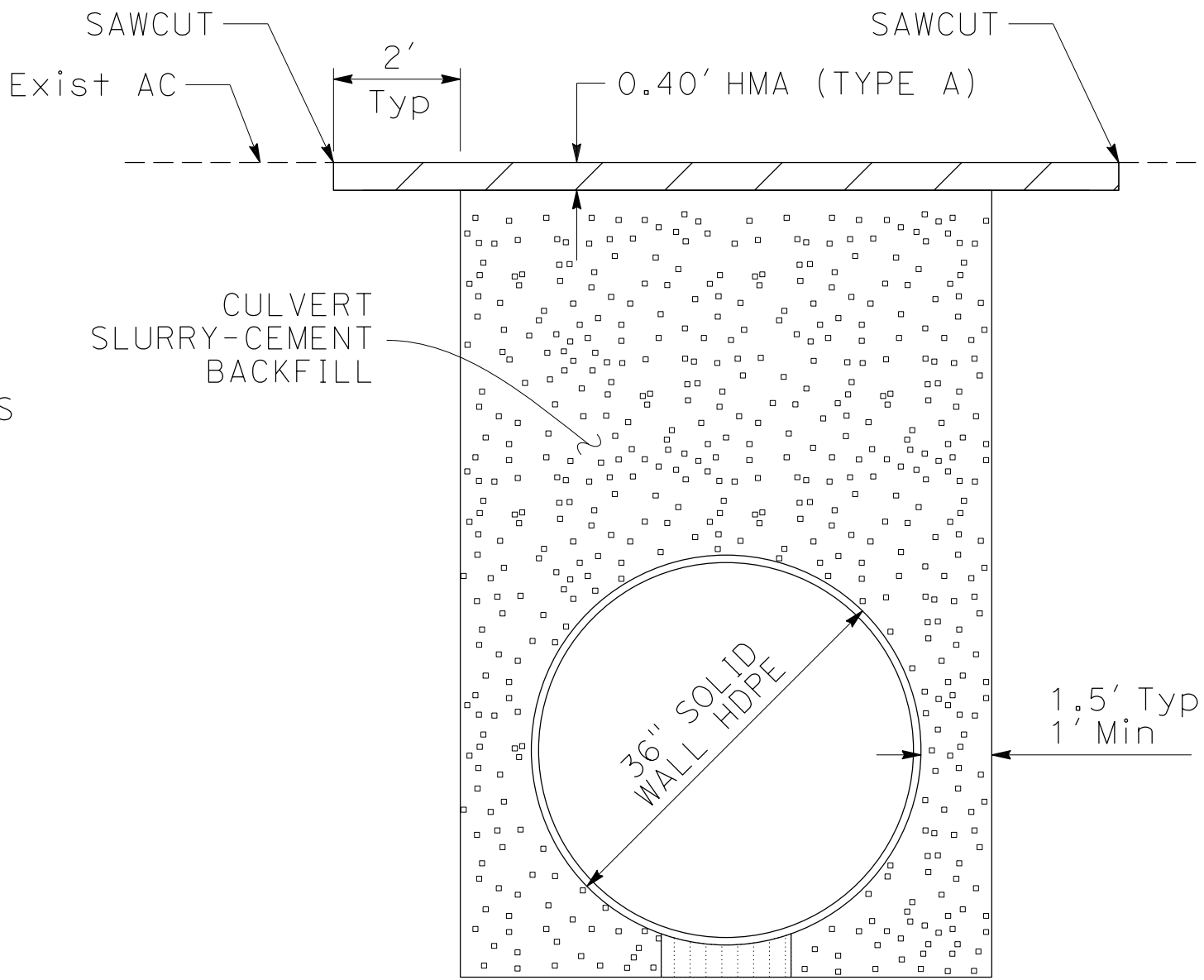
- MINOR CONCRETE (MINOR STRUCTURE)
- VEGETATION CONTROL (MINOR CONCRETE)
- ROADWAY EMBANKMENT
- CULVERT SLURRY-CEMENT BACKFILL PAY LIMITS
- 0.40' HMA (TYPE A)
- BEDDING (SEE S+d PLAN A62F)



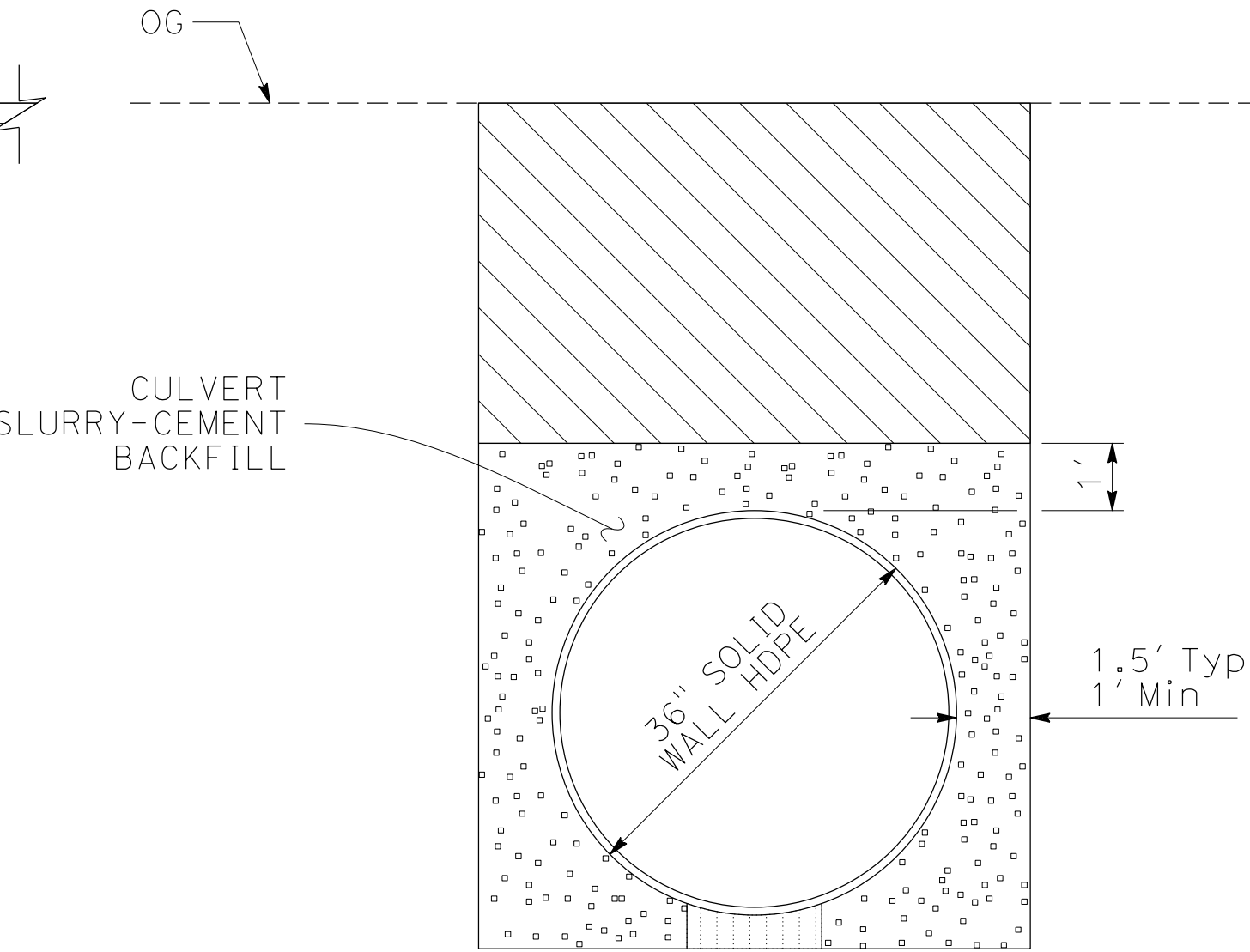
GUARDRAIL AREA

CULVERT SLURRY-CEMENT BACKFILL DETAIL

(FOR DETAILS NOT SHOWN SEE S+d PLAN A62F, A77N5)



PAVED AREA



NON-PAVED AREA

DRAINAGE DETAILS

NO SCALE

DD-3

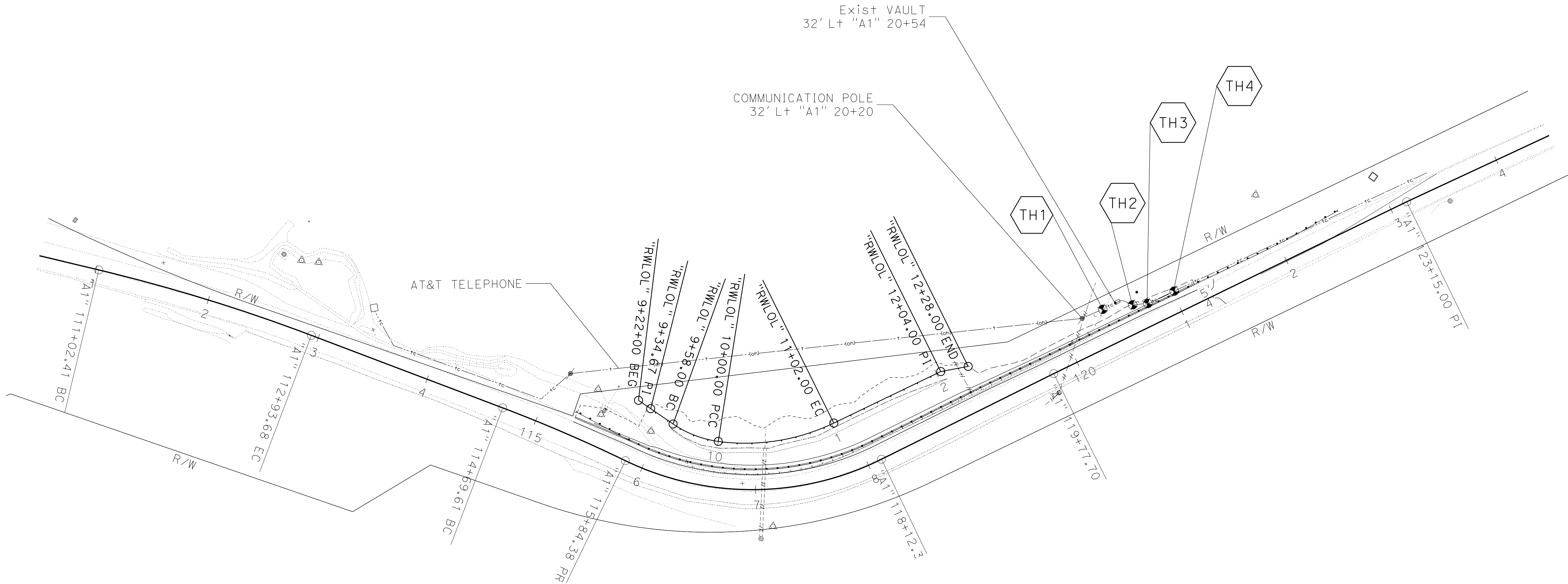
NOTES:

1. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.
2. ELEVATIONS SHOWN REFER TO TOP OF CONDUIT.
3. POTHOLE LOCATIONS ESTABLISHED BY FIELD MEASEMENTS FROM SURVEY CONTROL POINTS. ELEVATIONS ESTABLISHED FROM CONTOURS.
4. UTILITY OWNERSHIP:

ELECTRICAL - PACIFIC GAS & ELECTRIC (PG&E)
TELEPHONE - AMERICAN TELEPHONE & TELEGRAPH (AT&T)

POSITIVE LOCATION INFORMATION

No.	LOCATION	DEPTH	ELEVATION	METHOD
TH1	31.5' L+ "A1" 20+48	2.2'	171.14	TEST HOLE
TH2	23.5' L+ "A1" 20+61	1.4'	169.81	TEST HOLE
TH3	19.0' L+ "A1" 21+00	1.6'	169.49	TEST HOLE
TH4	18.5' L+ "A1" 22+35	1.6'	168.41	TEST HOLE



UTILITY PLAN
SCALE: 1" = 50'

U-1

Dist

COUNTY

ROUTE

POST MILES
TOTAL PROJECT

SHEET
No.

TOTAL
SHEETS

05

MON

1

27.6

REGISTERED PROFESSIONAL ENGINEER

DRAFT

DATE

JEFFERSON
V. WESTON

No. 53761

Exp. 6-30-25

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PLANS APPROVAL DATE

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NOTE:

1. EXACT SIGN LOCATIONS TO BE DETERMINED BY THE ENGINEER.
2. FOR ADDITIONAL CONSTRUCTION AREA SIGNS, SEE TRAFFIC HANDLING PLAN.

STATIONARY MOUNTED CONSTRUCTION AREA SIGNS

SIGN No.	SIGN DESIGNATION	PANEL SIZE	SIGN MESSAGE	NUMBER OF POSTS AND SIZE	NUMBER AND SIZE
A	W20-1	36" x 36"	ROAD WORK AHEAD	1 - 4" x 6"	2
B	G20-2	36" x 18"	END ROAD WORK	1 - 4" x 4"	2
C	C47B (CA)	96" x 60"	CONSTRUCTION PROJECT FUNDING IDENTIFICATION SIGN	2 - 6" x 6"	2

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JEFFERSON V. WESTON

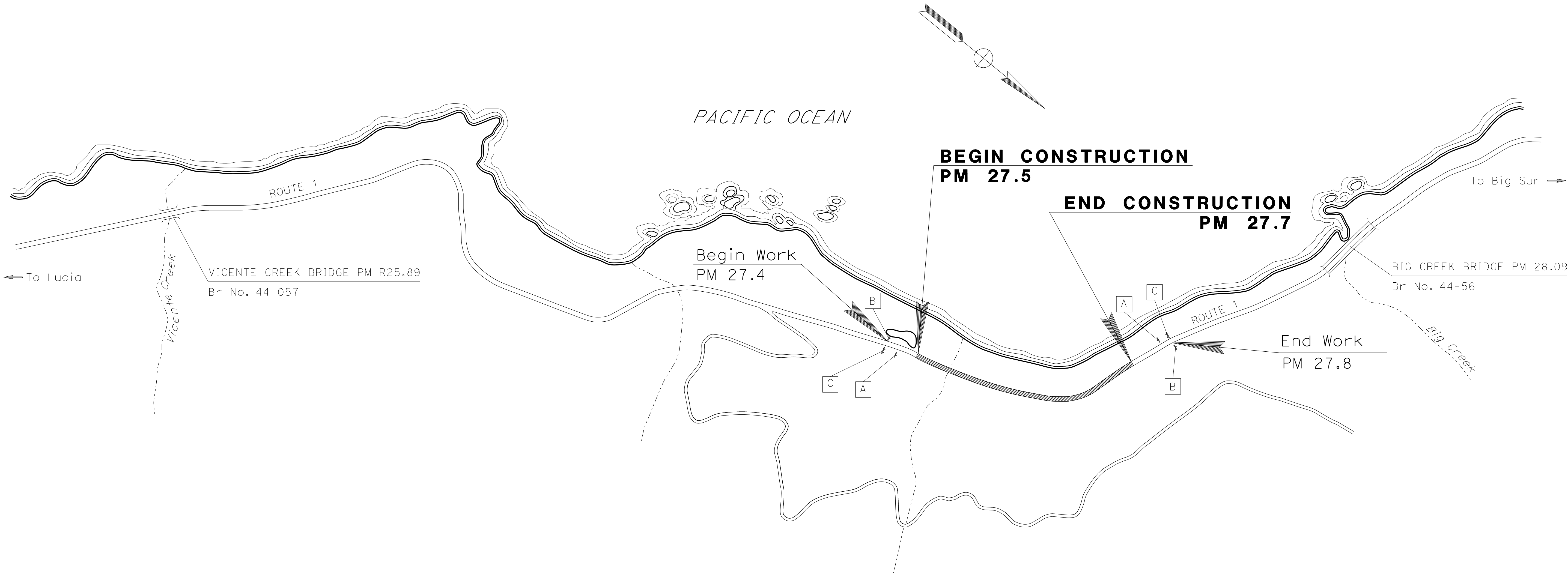
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CONSTRUCTION AREA SIGNS

NO SCALE

CS-1

APPROVED FOR CONSTRUCTION AREA SIGN WORK ONLY

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DRAFT

DATE _____

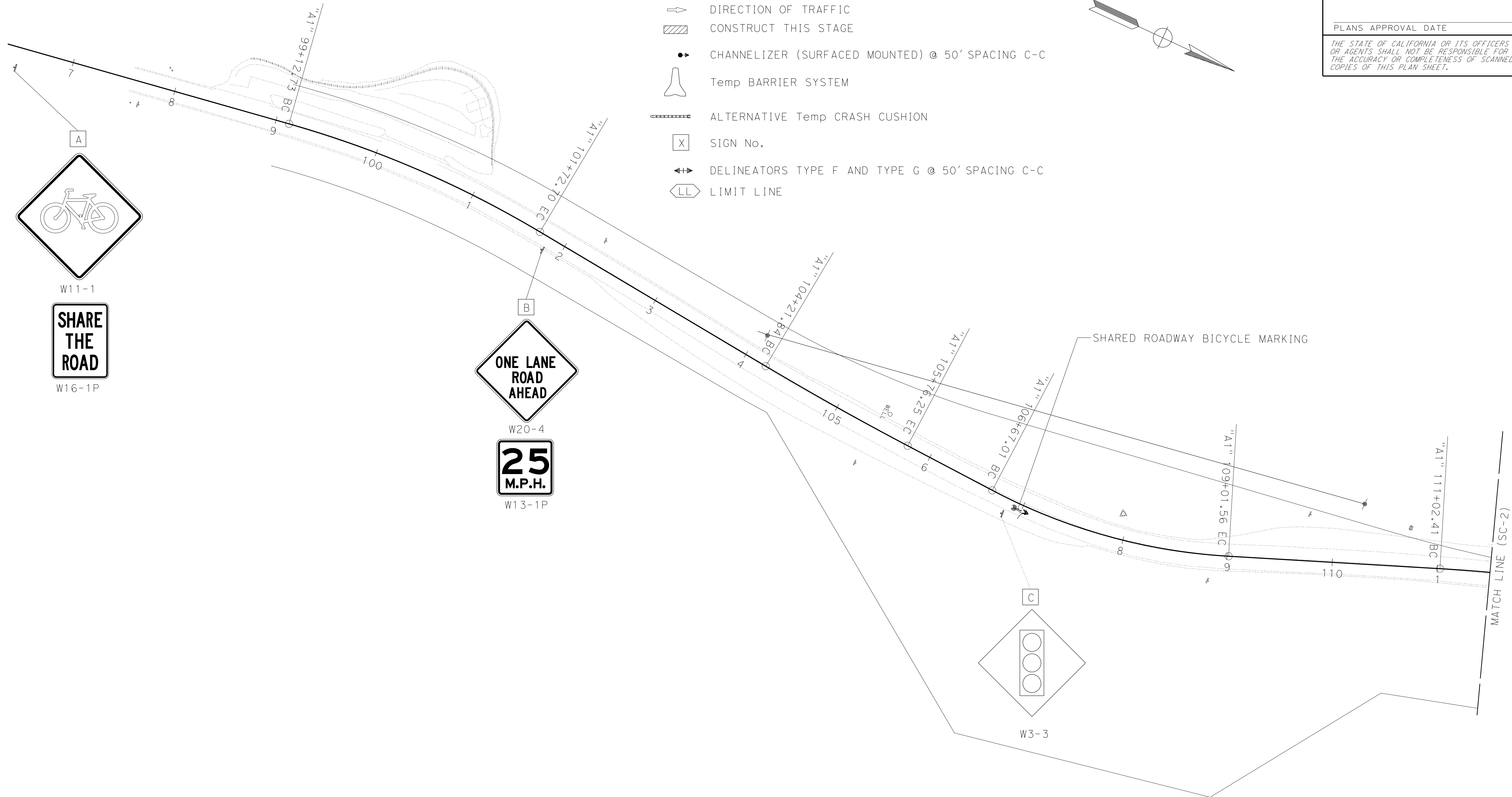
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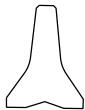
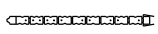
PLANS APPROVAL DATE _____

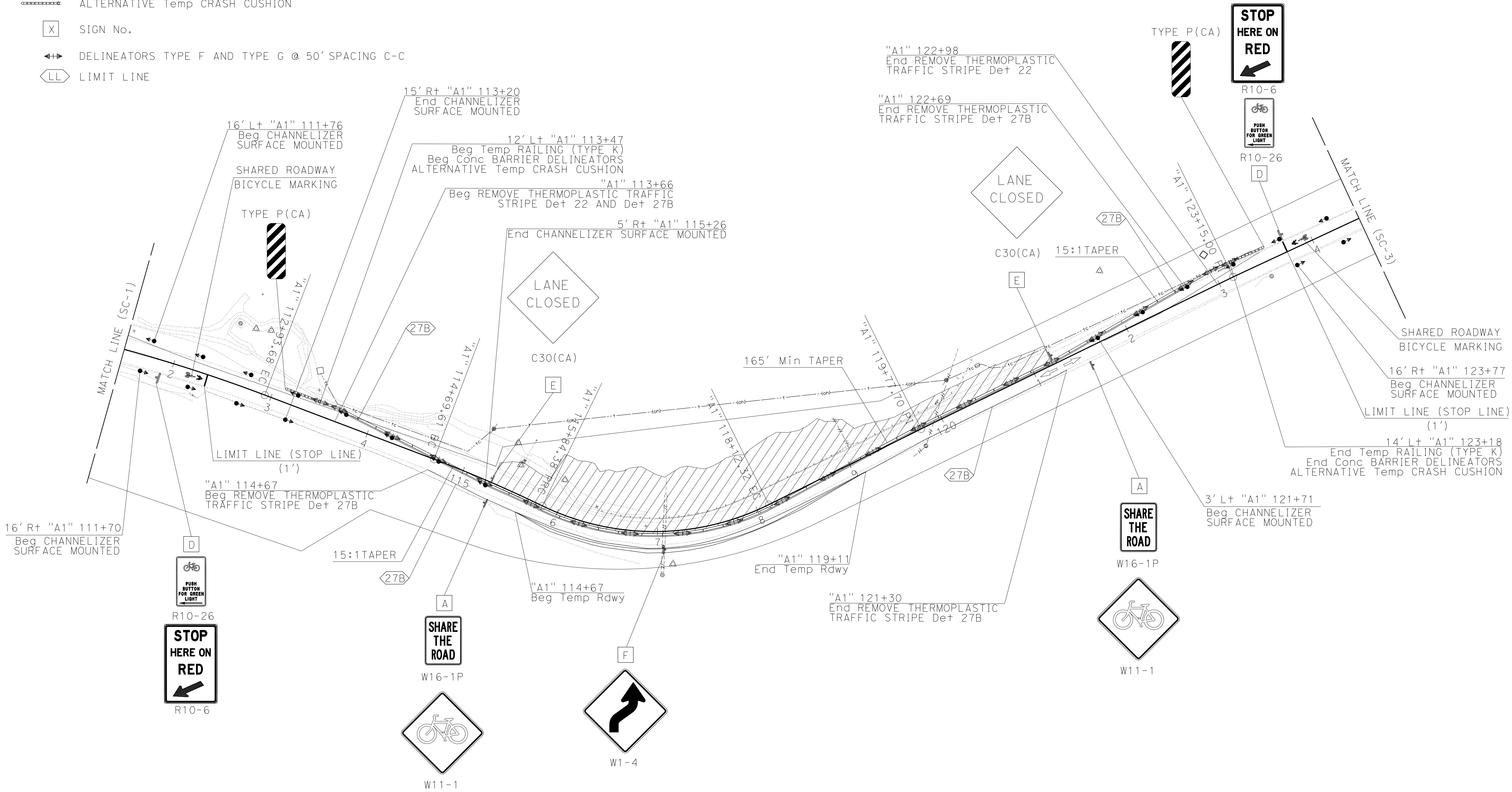
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LEGEND

-  DIRECTION OF TRAFFIC
-  CONSTRUCT THIS STAGE
-  CHANNELIZER (SURFACED MOUNTED) @ 50' SPACING C-C
-  Temp BARRIER SYSTEM
-  ALTERNATIVE Temp CRASH CUSHION
-  SIGN No.
-  DELINEATORS TYPE F AND TYPE G @ 50' SPACING C-C
-  LIMIT LINE



STAGE CONSTRUCTION AND
TRAFFIC HANDLING PLAN
SCALE: 1" = 50'
SC-2

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CIVIL
STATE OF CALIFORNIA

PLANS APPROVAL DATE

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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
05	MON	1	27.6		

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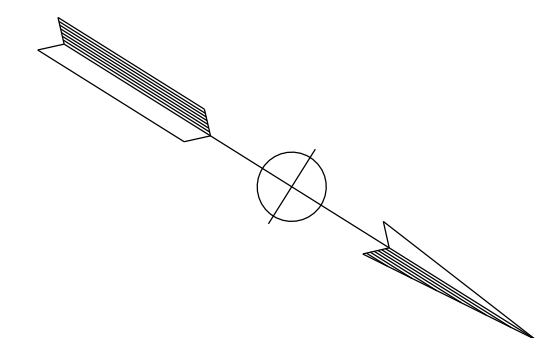
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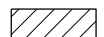
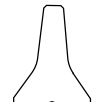
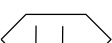
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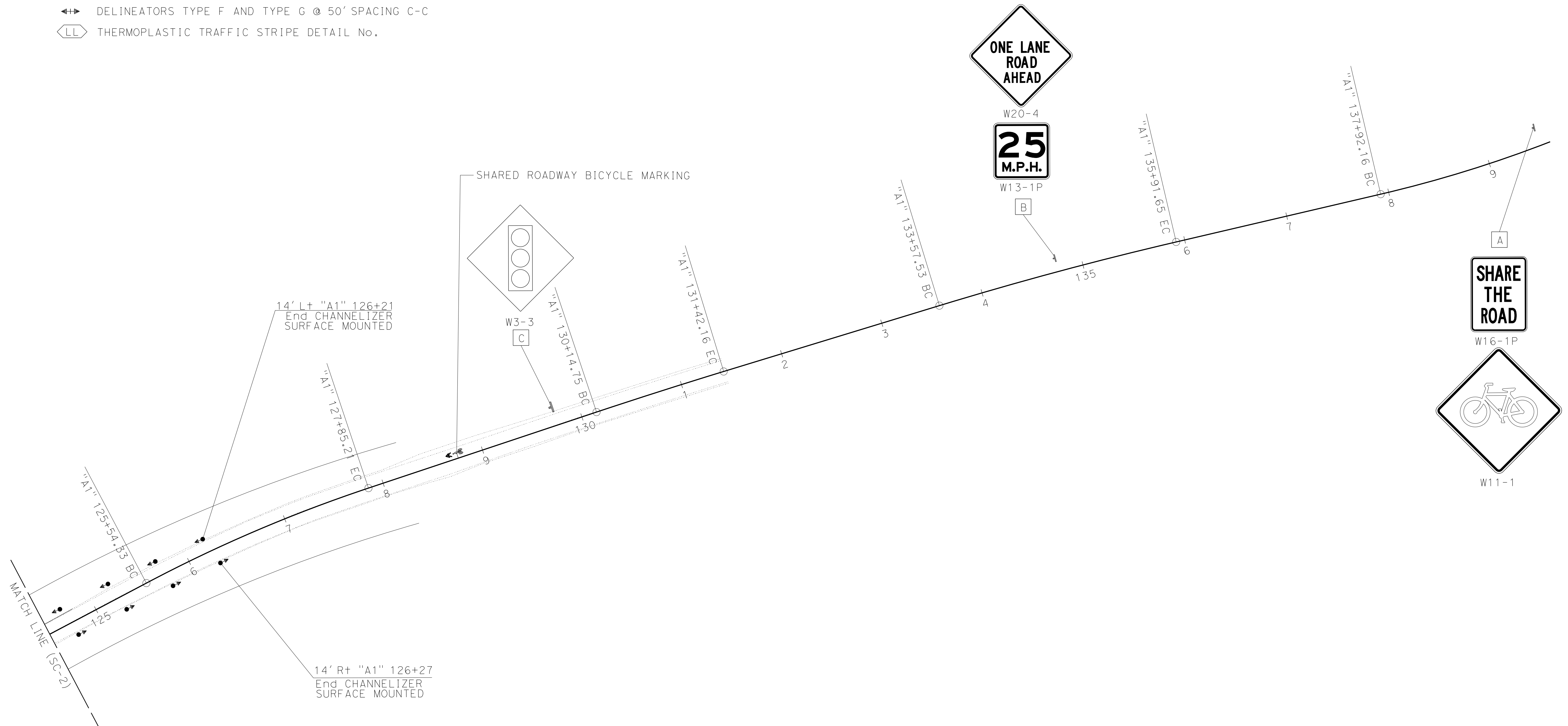
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- | <u>LEGEND</u> | |
|---|--|
|  | DIRECTION OF TRAFFIC |
|  | CONSTRUCT THIS STAGE |
|  | CHANNELIZER (SURFACED MOUNTED) @ 50' SPACING C-C |
|  | Temp BARRIER SYSTEM |
|  | ALTERNATIVE Temp CRASH CUSHION |
|  | SIGN No. |
|  | DELINEATORS TYPE F AND TYPE G @ 50' SPACING C-C |
|  | THERMOPLASTIC TRAFFIC STRIPE DETAIL No. |



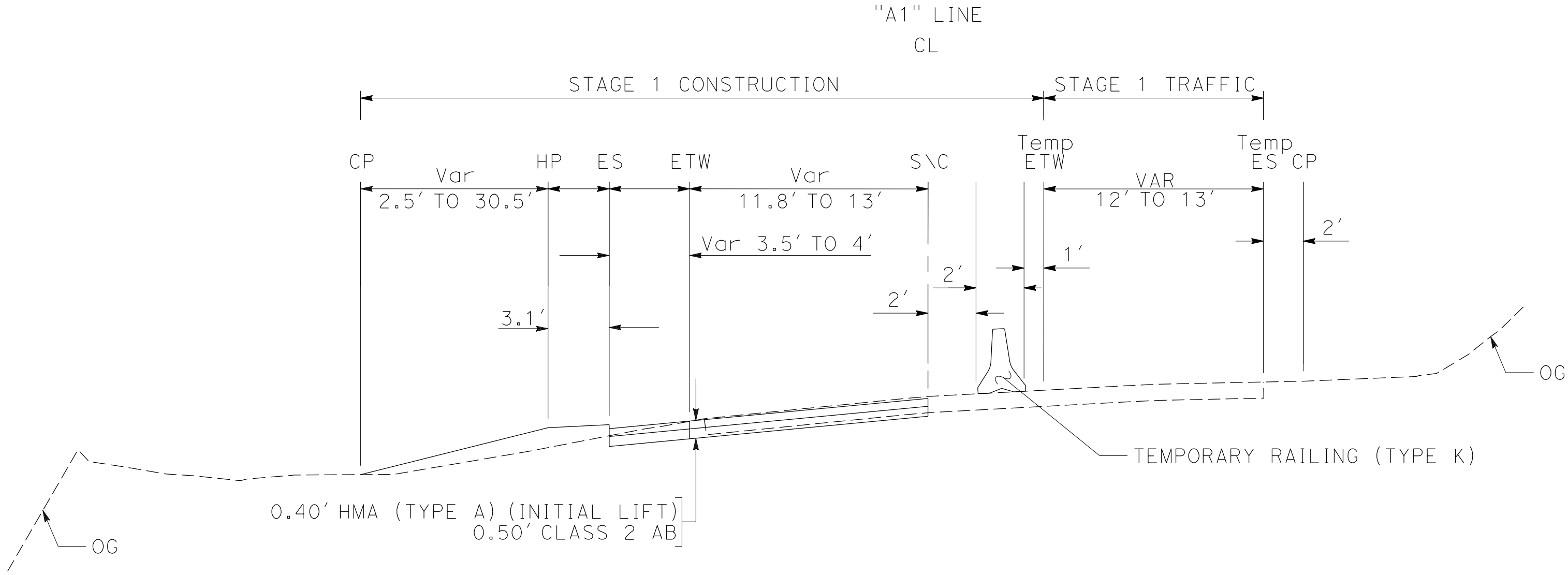
**STAGE CONSTRUCTION AND
TRAFFIC HANDLING PLAN**
SCALE: 1" = 50' **SC-3**

NOTES:

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2. DIMENSIONS OF THE PAVEMENT STRUCTURES (STRUCTURAL SECTIONS) ARE SUBJECT TO TOLERANCES SPECIFIED IN THE STANDARD SPECIFICATIONS.
3. EXISTING STRUCTURAL SECTION IS APPROXIMATE.

STAGE 1 CONSTRUCTION:

1. SET UP TEMPORARY TRAFFIC CONTROL.
2. CONSTRUCT CULVERT SYSTEM ALONG NB LANE AND AT HIGHWAY CROSSING.
3. CONSTRUCT TEMPORARY SIGNAL SYSTEM, INSTALL TEMPORARY SIGNS, RE-STRIPE, PLACE TEMPORARY RAILING (TYPE K) AND CRASH CUSHION, AND OPEN TRAFFIC CONTROL SYSTEM WITH REVERSIBLE CONTROL ALONG ROUTE 1.
4. CONSTRUCT SOLDIER PILE WALL.
5. SAWCUT AND REMOVE SB LANE AND SHOULDER WHERE SHOWN, PREPARE BASE, AND PLACE HMA INITIAL LIFT FOR ROADWAY WIDENING.
6. REMOVE AND REPLACE GUARDRAIL AND DIKE WHERE SHOWN.



STAGE CONSTRUCTION DETAILS
STAGE 1

NO SCALE

SCD-1

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
05	MON	1	27.6		

REGISTERED ENGINEER

DRAFT

DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER

JEFFERSON V. WESTON

No. 53761

Exp. 6-30-25

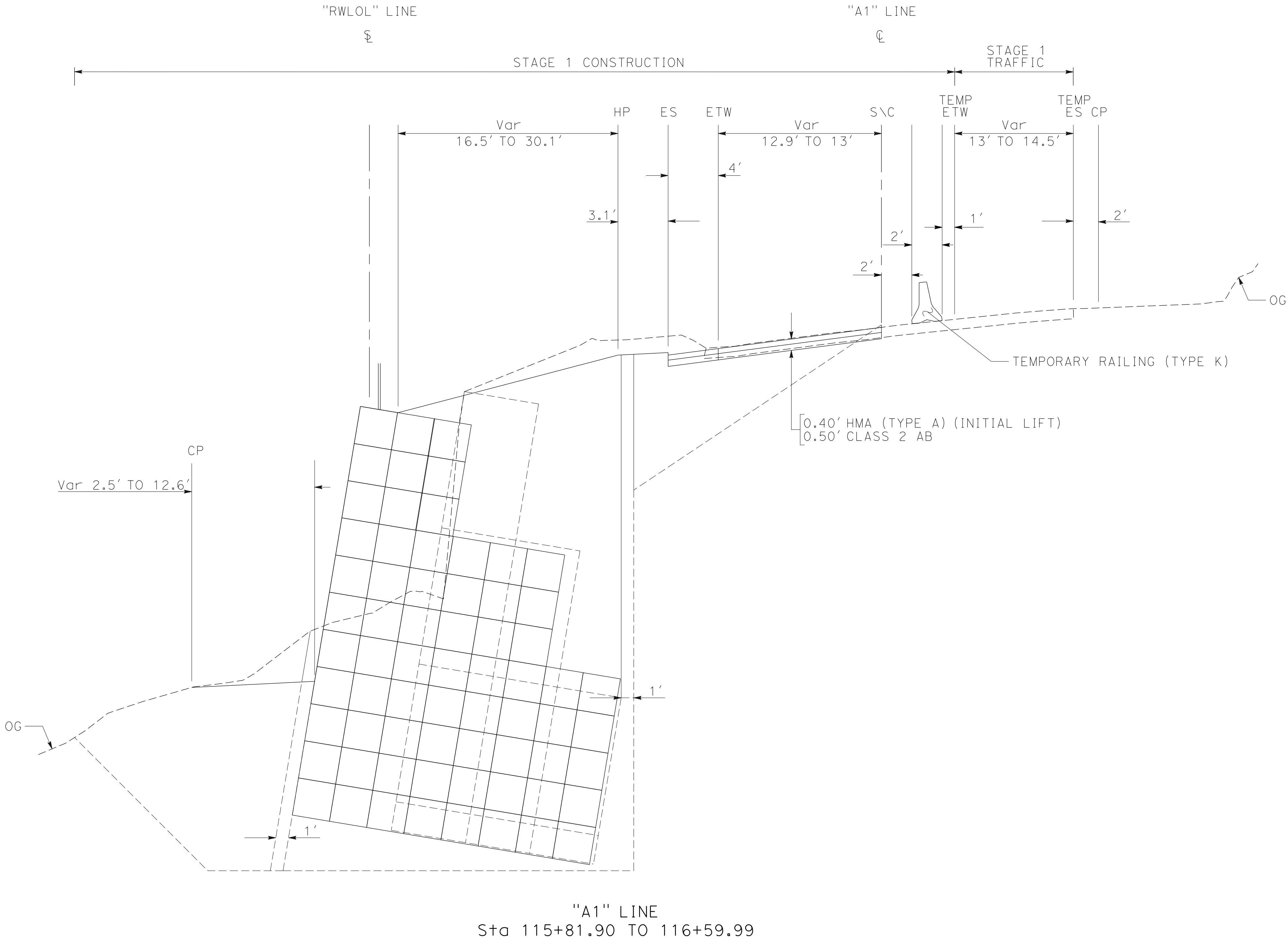
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ROUTE 1

STAGE CONSTRUCTION DETAILS

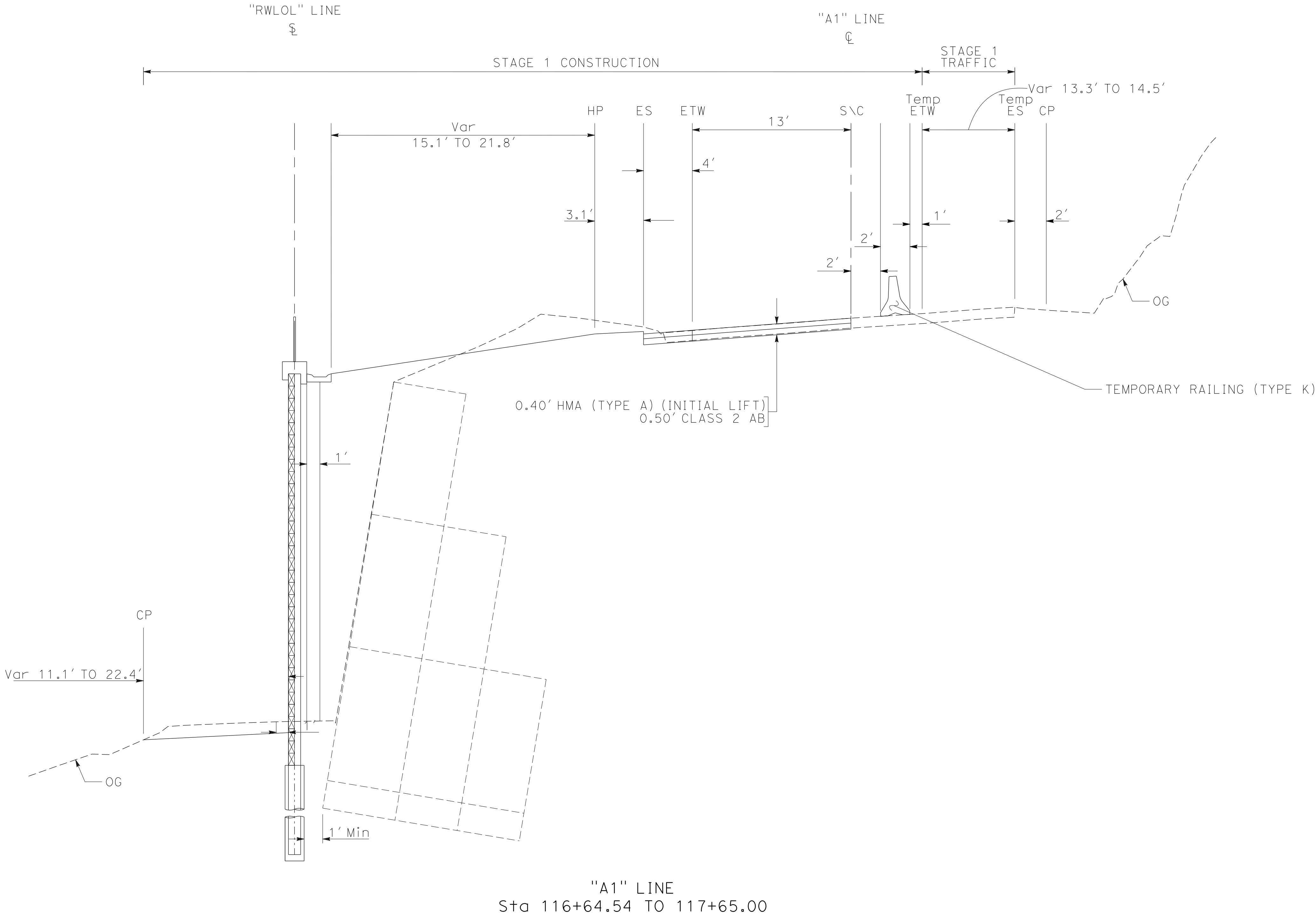
STAGE 1

NO SCALE

SCD-2

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STAGE CONSTRUCTION DETAILS

STAGE 1

NO SCALE

SCD-3

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REGISTERED ENGINEER

DRAFT

DATE

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REGISTERED PROFESSIONAL ENGINEER

JEFFERSON V. WESTON

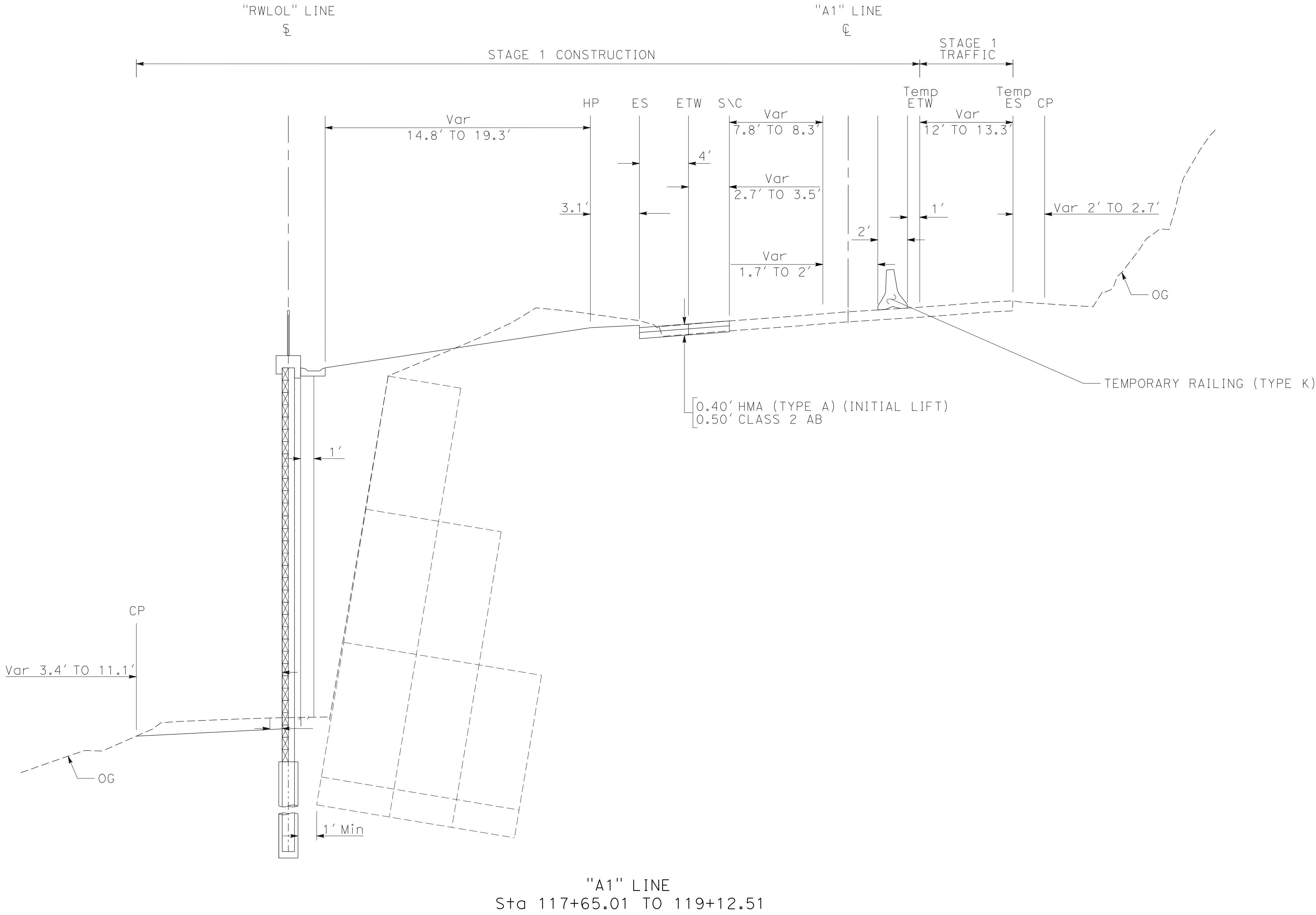
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STAGE CONSTRUCTION DETAILS

STAGE 1

NO SCALE

SCD-4

NOTES:

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REGISTERED ENGINEER

DRAFT

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REGISTERED PROFESSIONAL ENGINEER

JEFFERSON V. WESTON

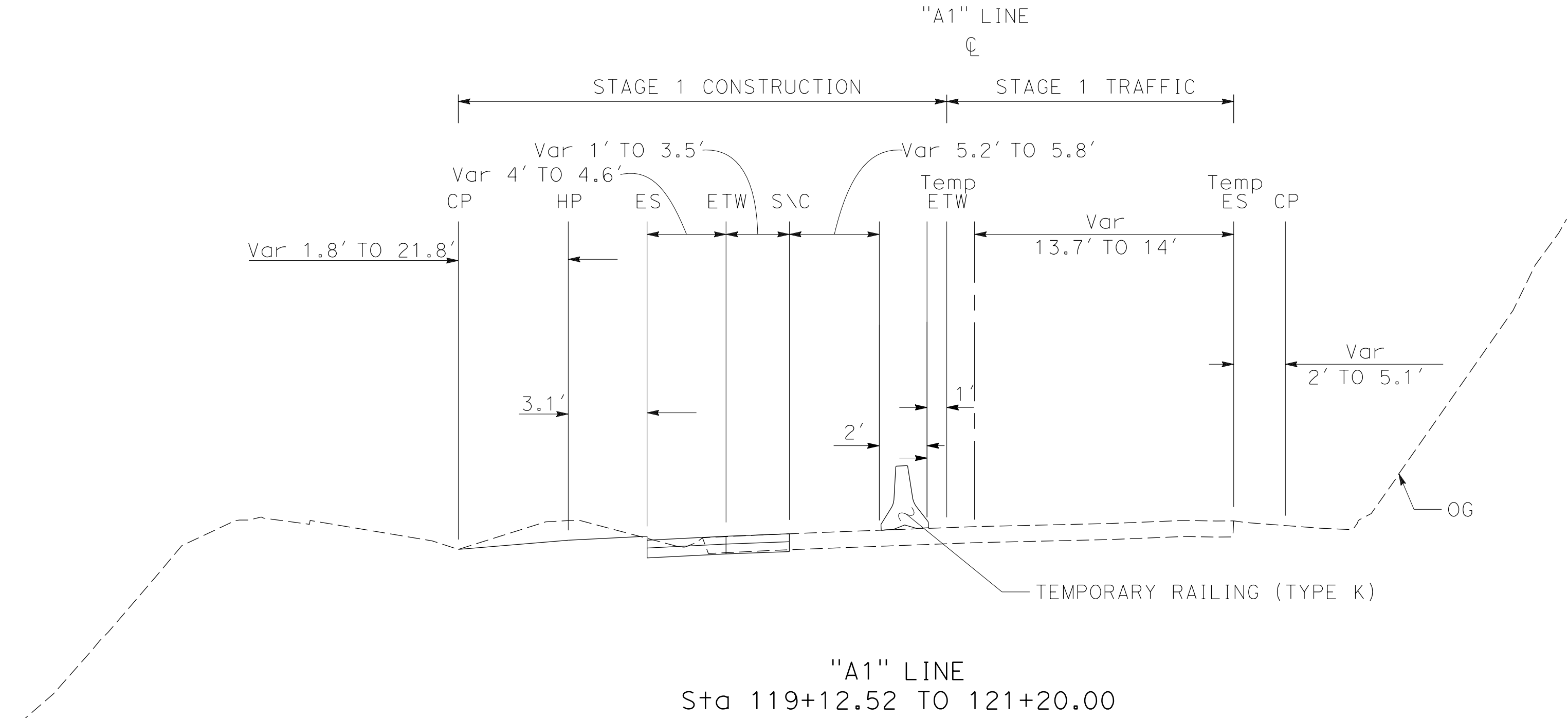
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ROUTE 1

STAGE CONSTRUCTION DETAILS
STAGE 1

NO SCALE

SCD-5

STATE OF CALIFORNIA

Caltrans

DEPARTMENT OF TRANSPORTATION

DESIGN

FUNCTIONAL SUPERVISOR

JEFFERSON V. WESTON

CALCULATED-DESIGNED BY

CHECKED BY

REVISOR

TIMOTHY SAUCERMAN

REVISION

DATE

NOTES:

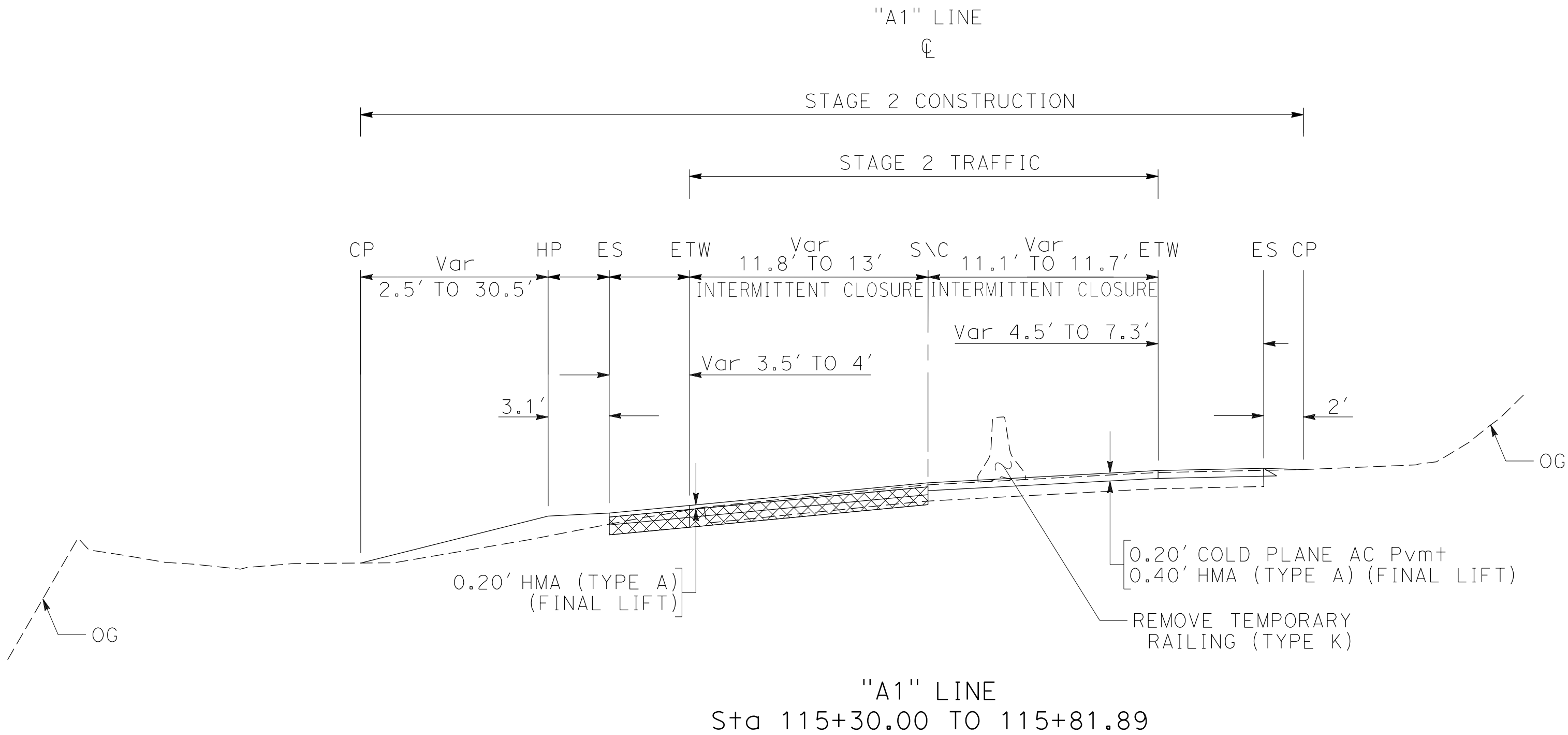
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LEGEND:

WORK COMPLETED IN PREVIOUS STAGE

STAGE 2 CONSTRUCTION:

1. REMOVE TEMPORARY RAILING (TYPE K), SIGNING, STRIPING, AND SIGNAL SYSTEM.
2. COLD PLANE PAVEMENT AND PLACE RHMA WEARING COURSE AND HMA DIKE.
3. INSTALL PERMANENT SIGNING, DELINEATORS, AND MARKINGS.
4. PLACE EROSION CONTROL MEASURES, PLANTING, AND IRRIGATION SYSTEM.



STAGE CONSTRUCTION DETAILS
STAGE 2

NO SCALE

SCD-6

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
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REGISTERED PROFESSIONAL ENGINEER

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JEFFERSON V. WESTON

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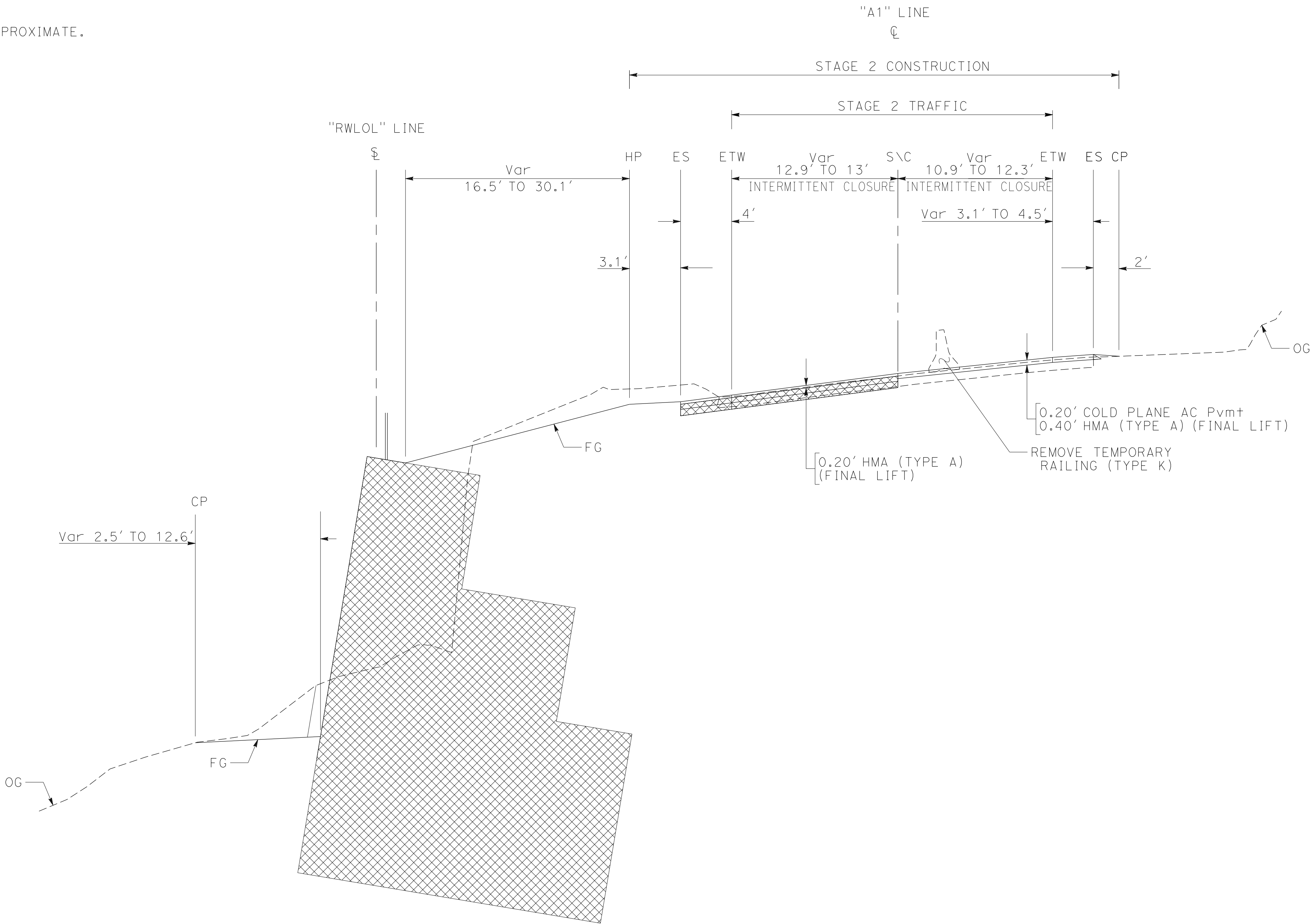
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ROUTE 1

STAGE CONSTRUCTION DETAILS
STAGE 2

NO SCALE

SCD-7

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
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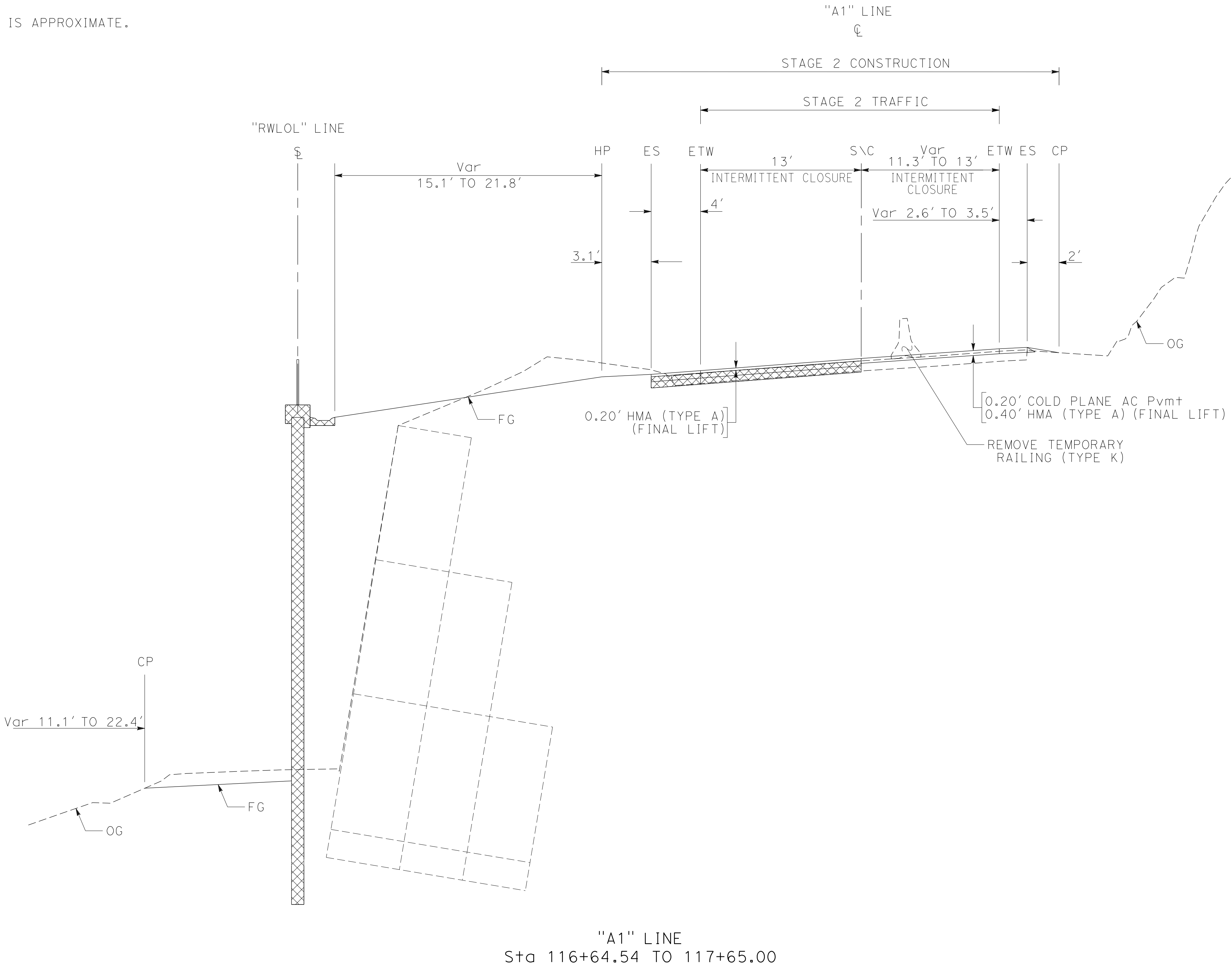
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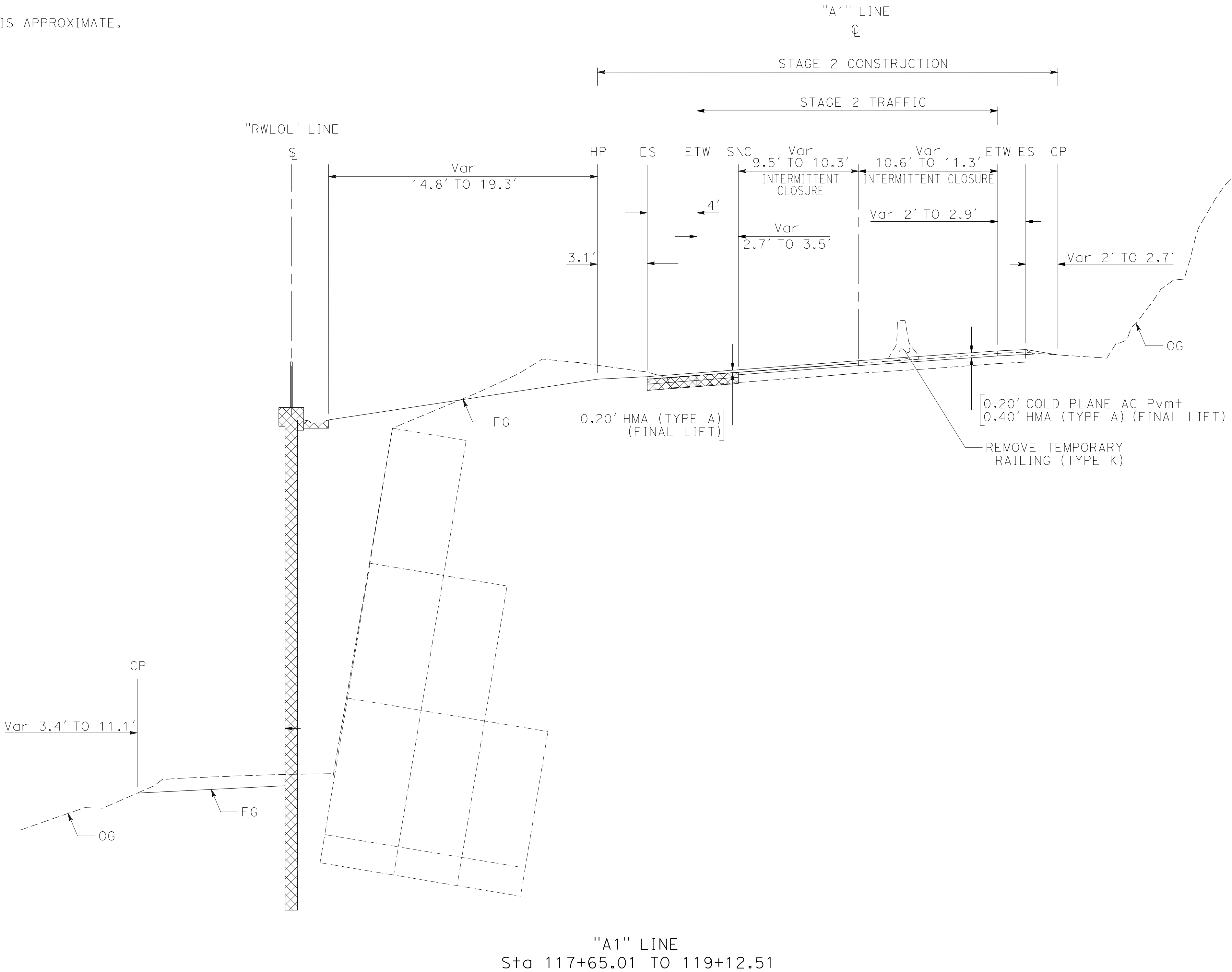
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STAGE CONSTRUCTION DETAILS

STAGE 2

NO SCALE

SCD-9

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REGISTERED ENGINEER

DRAFT

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JEFFERSON V. WESTON

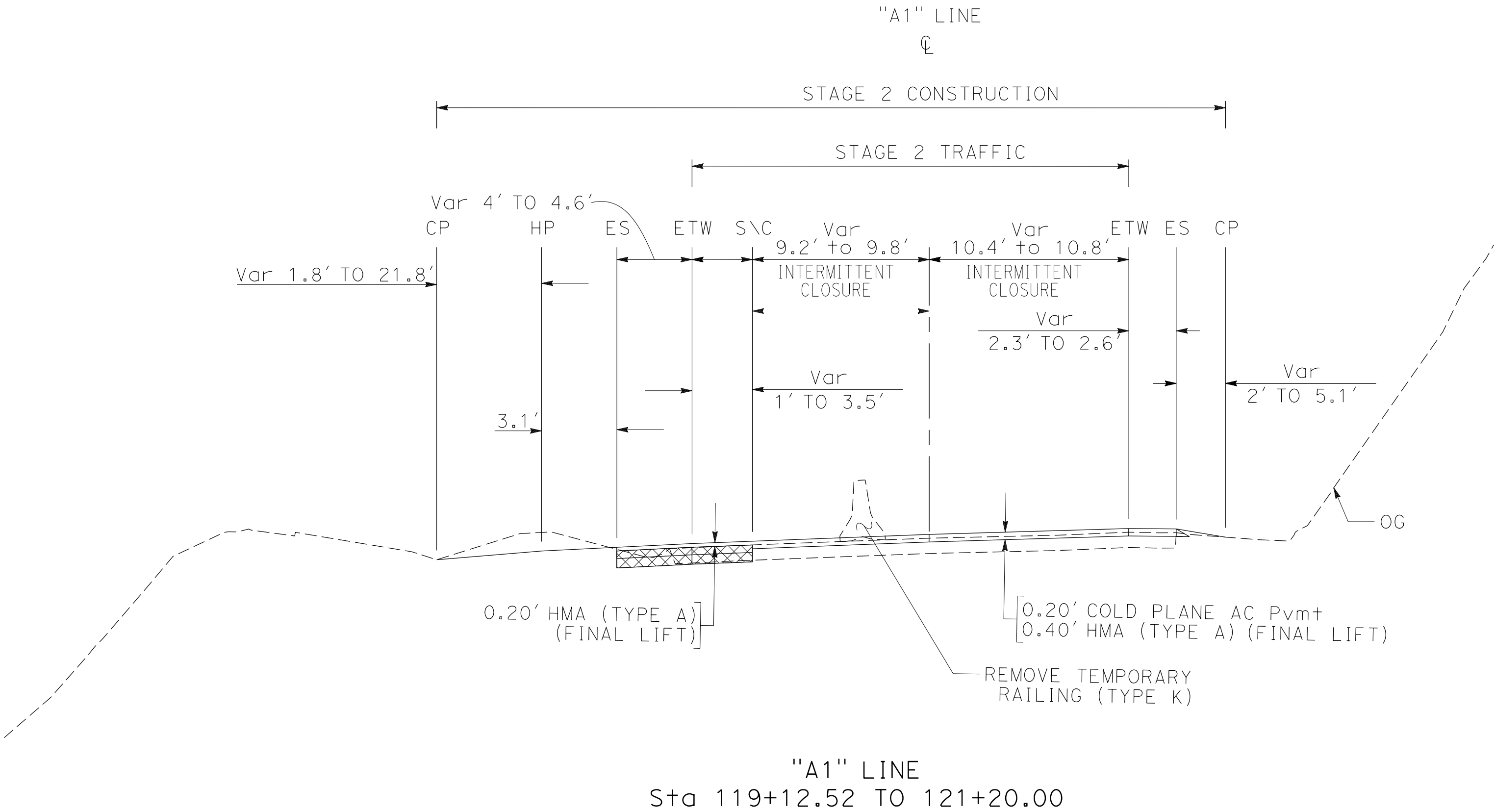
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STAGE CONSTRUCTION DETAILS

STAGE 2

NO SCALE

SCD-10

TEMPORARY PAVEMENT DELINEATION QUANTITIES													
SHEET No.	ROUTE	LOCATION STA TO STA		DIRECTION	INSTALL / REMOVE (I/R)	DETAIL No.	TEMPORARY TRAFFIC STRIPE PAINT	REMOVE PAVEMENT MARKER	REMOVE THERMOPLASTIC TRAFFIC STRIPE	REMOVE PAINTED TRAFFIC STRIPE		TEMPORARY PAVEMENT MARKING (PAINT)	REMOVE PAINTED PAVEMENT MARKING
		FROM	TO				LF	EA	LF	LF		DESCRIPTION	SQFT
SC-1 TO SC-3	ROUTE 1	106+96.07		NB	I						SHARED ROADWAY BICYCLE MARKING	11.5	11.5
		112+18.98		NB	I						SHARED ROADWAY BICYCLE MARKING	11.5	11.5
		114+67.34	121+29.88	NB	I	27B	677			677	EDGE OF TRAVELED WAY		
		114+67.34	121+29.88	NB	R	27B			672		EDGE OF TRAVELED WAY		
		113+66.39	122+98.18	NB/SB	R	22		78	1865		CENTERLINE		
		113+66.29	122+68.52	SB	I	27B	908			908	EDGE OF TRAVELED WAY		
		113+66.29	122+68.52	SB	R	27B			894		EDGE OF TRAVELED WAY		
		123+92.08		SB	I						SHARED ROADWAY BICYCLE MARKING	11.5	11.5
		128+75.65		SB	I						SHARED ROADWAY BICYCLE MARKING	11.5	11.5
		112+34.74		NB	I						LIMIT LINE	12.0	12.0
		123+72.99		SB	I						LIMIT LINE	12.0	12.0
		TOTAL							1585	78	3431	1585	

TEMPORARY BARRIER SYSTEM			
SHEET No.	ROUTE	LOCATION	QUANTITY
		STA TO STA	LF
SC-2	ROUTE 1	113+46.61 TO 123+17.95	976
TOTAL			976

TRAFFI

Dist

COUNTY

ROUTE

POST MILES TOTAL PROJECT

SHEET No.

TOTAL SHEETS

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REGISTERED PROFESSIONAL ENGINEER

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STATIONARY MOUNTED CONSTRUCTION AREA SIGNS

SIGN No. ☒	SIGN DESIGNATION	PANEL SIZE	SIGN MESSAGE	NUMBER OF POSTS AND SIZE	NUMBER OF SIGNS
A	W11-1	36" x 36"	BICYCLE SYMBOL	1 - 4" x 6"	4
	W16-1P	18" x 24"	SHARE THE ROAD		
B	W20-4	36" x 36"	ONE LANE ROAD AHEAD	1 - 4" x 6"	2
	W13-1P	30" x 30"	25 M.P.H		
C	W3-3	36" x 36"	SIGNAL SYMBOL	1 - 4" x 4"	2
D	R10-6	24" x 36"	STOP HERE ON RED	1 - 4" x 6"	2
	R10-26	9" x 15"	BIKE PUSH BUTTON FOR GREEN LIGHT		
E	C30(CA)	30" x 30"	LANE CLOSED	1 - 4" x 6"	2
F	W1-4	36" x 36"	REVERSE CURVE (RIGHT)	1 - 4" x 4"	1

OBJECT MARKER, DELINEATOR & TEMPORARY CRASH CUSHION

SHEET No.	OBJECT MARKER (TYPE P)	DELINEATOR (CLASS 1)		ALTERNATIVE Temp CRASH CUSHION
		TYPE F	TYPE G	
	EA	EA	EA	EA
SC-1				
SC-2	2	11	11	2
SC-3				
TOTAL	2	22		2

* QUANTITY INCLUDED IN DELINEATOR TABLE ON PDQ-1

CHANNELIZER (SURFACE MOUNTED)

SHEET No.	ROUTE	LOCATION	DIRECTION	QUANTITY
		STA TO STA		EA
SC-2	ROUTE 1	111+70.44 TO 113+20.44	NB	8
SC-2	ROUTE 1	111+75.64 TO 115+25.64	SB	4
SC-2 TO SC-3	ROUTE 1	123+76.61 TO 126+26.61	NB	6
SC-2 TO SC-3	ROUTE 1	121+70.78 TO 126+20.78	SB	10
TOTAL				28

TRAFFIC HANDLING QUANTITIES
THQ-2

Dist

COUNTY

ROUTE

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TOTAL PROJECT

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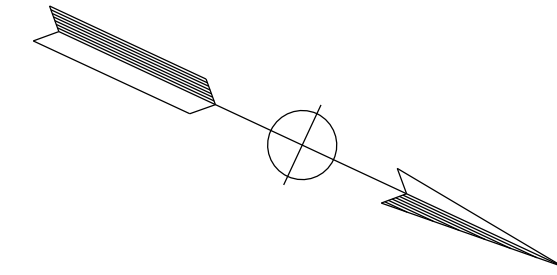
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LEGEND:

- | | |
|----|---|
| XX | THERMOPLASTIC TRAFFIC STRIPE DETAIL NO. |
| ▶ | LIMIT STRIPING DETAIL |
| ◄► | GUARDRAIL DELINEATORS TYPE F AND TYPE G @ 50' SPACING C-C |
| ▶ | OBJECT MARKER (TYPE P) (CA) |



APPROVED FOR PAVEMENT DELINEATION WORK ONLY

PAVEMENT DELINEATION AND SIGN PLAN

SCALE: 1" = 50'

PD-1

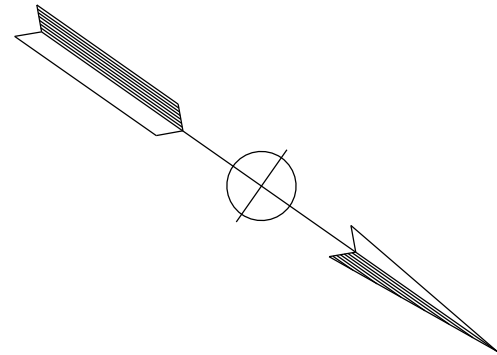
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	FUNCTIONAL SUPERVISOR				
Caltrans® DESIGN	JEFFERSON V. WESTON	CALCULATED-DESIGNED BY	TIMOTHY SAUCERMAN	REVISED BY	
		CHECKED BY		DATE REVISED	

BORDER LAST REVISED 7/2/2010	USERNAME => DGN FILE => 0518000105na001.dgn	RELATIVE BORDER SCALE IS IN INCHES		UNIT 1451	PROJECT NUMBER & PHASE	05180001051
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LEGEND:

- XX

THERMOPLASTIC TRAFFIC STRIPE DETAIL No.
- LIMIT STRIPING DETAIL
- GUARDRAIL DELINEATORS TYPE F AND TYPE G @ 50' SPACING C-C
- OBJECT MARKER (TYPE P) (CA)



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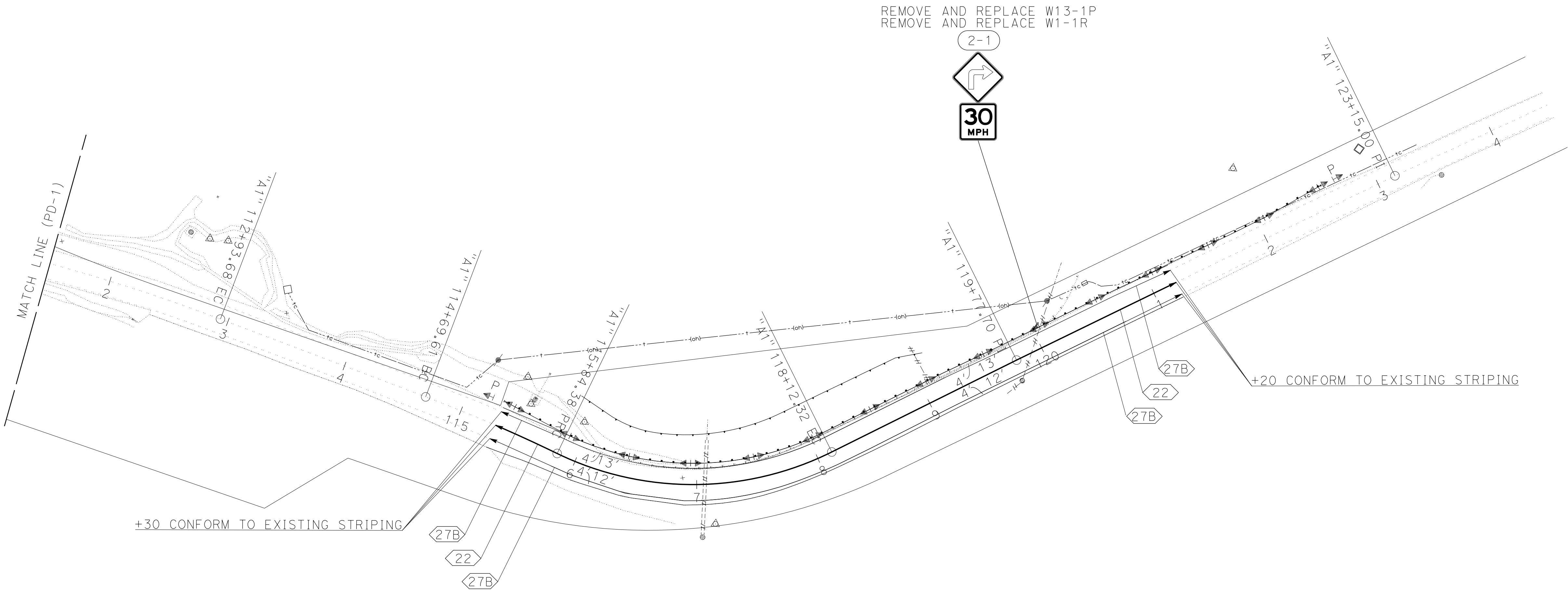
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APPROVED FOR PAVEMENT DELINEATION WORK ONLY

PAVEMENT DELINEATION AND SIGN PLAN

SCALE: 1" = 50'

PD-2

PAVEMENT DELINEATION QUANTITIES

ROUTE	LOCATION		DIRECTION	DETAIL No.	INSTALL / REMOVE (I/R)	NUMBER OF DETAILS	PAVEMENT MARKER (RETROREFLECTIVE)	THERMOPLASTIC TRAFFIC STRIPE (ENHANCED WET NIGHT VISIBILITY)
							TYPE D	6" SOLID W/Y
	FROM	TO					EA	LF
	115+30	121+20	NB/SB	22	I	1	50	1180
1	115+30	121+20	NB	27B	I	1		600
	115+30	121+20	SB	27B	I	1		579
TOTAL							50	2359

ROADSIDE SIGN QUANTITIES

SHEET No.	SIGN No.	SIGN DESIGNATION	SIGN MESSAGE	PANEL SIZE	No. OF POSTS AND POST SIZE	BACKGROUND		LEGEND		FURNISH SINGLE SHEET ALUMINUM SIGN			FURNISH LAMINATED PANEL SIGN (1" TYPE B)	ROADSIDE SIGN - ONE POST	ROADSIDE SIGN - TWO POST	INSTALL ROADSIDE SIGN (LWP)	FURNISH LAMINATED WOOD BOX POST (TYPE M)	REMOVE ROADSIDE SIGN	INSTALL ROADSIDE SIGN PANEL ON EXISTING POST	OBJECT MARKER (TYPE L-1)	OBJECT MARKER (TYPE K)	TREATED WOOD WASTE	
						SHEETING COLOR	RETROREFLECTIVITY ASTM TYPE	SHEETING COLOR	RETROREFLECTIVITY ASTM TYPE	(0.080"-FRAMED)	(0.063"-UNFRAMED)	(0.080"-UNFRAMED)											
PD-1	1-1	W13-1P	ADVISORY SPEED (30MPH)	36"x36"	1-4"x4"	FY	XI	BLACK			SQFT	SQFT	SQFT	SQFT	EA	EA	EA	EA	EA	EA	EA	EA	LB
PD-1		W1-1L	TURN LEFT	36"x36"	1-4"x4"	FY	XI	BLACK				9.00			1				1		1		76
PD-2	2-1	W13-1P	ADVISORY SPEED (30MPH)	36"x36"	1-4"x4"	FY	XI	BLACK				9.00			1				1		1		
PD-2		W1-1R	TURN RIGHT	36"x36"	1-4"x4"	FY	XI	BLACK				9.00			1				1				
TOTAL												36.00			4				4		2		76

Dist

COUNTY

ROUTE

POST MILES
TOTAL PROJECT

SHEET
No.

TOTAL
SHEETS

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PAVEMENT STRUCTURE

STATION	HOT MIX ASPHALT (TYPE A)	CLASS 2 AGGREGATE BASE	TACK COAT	COLD PLANE ASPHALT CONCRETE PAVEMENT
	TON	CY	TON	SQYD
"A1" 115+30 TO 121+20	625.9	100.9	0.7	1,410
FROM HMA DIKE	12.4			
FROM PAVEMENT EDGE TREATMENT	6.0			
TOTAL	644.3	100.9	0.7	1,410

PLACE HOT MIX ASPHALT DIKE

STATION	DIRECTION	HOT MIX ASPHALT (TYPE A)	PLACE HOT MIX ASPHALT DIKE (TYPE A)
		TON	LF
"A1" 115+84 TO 120+70	SB	12.4	470
TOTAL		12.4*	470

* QUANTITY INCLUDED IN PAVEMENT STRUCTURE TABLE.

PAVEMENT EDGE TREATMENT

STATION	DIRECTION	(N) TAPERED EDGE	HOT MIX ASPHALT (TYPE A)	SHOULDER BACKING
		LF	TON	TON
"A1" 115+30 TO 121+20	NB	603	6.0	9.7
"A1" 115+30 TO 115+84	SB	54		3.6
"A1" 120+70 TO 121+20	SB	50		1.1
TOTAL		707	6.0*	14.5

* QUANTITY INCLUDED IN PAVEMENT STRUCTURE TABLE.
(N) - NOT A SEPARATE BID ITEM

EARTHWORK

STATION	ROADWAY EXCAVATION	(N) EMBANKMENT
	CY	CY
"A1" 115+30 TO 121+20	1881	801
TOTAL	1881	801

(N) - NOT A SEPARATE BID ITEM

FENCE

STATION	DIRECTION	TEMPORARY HIGH- VISIBILITY FENCE
		LF
"RWLOL" 10+02 TO 12+26	NB/SB	460
TOTAL		460

RUMBLE STRIP (GROUND-IN)

STATION	DIRECTION	CENTERLINE LENGTH
		LF
"A1" 115+30 TO 121+20	NB/SB	590
TOTAL		590

STAIN GALVANZIED SURFACES**

STATION	MIDWEST GUARDRAIL SYSTEM (STEEL POST)	INLINE TERMINAL SYSTEMS	END ANCHOR ASSEMBLY (TYPE SFT-M)	RETAINING WALL CABLE RAILING	INLET GRATES AND RISER PIPE	CONCRETE ANCHOR AND CABLE ASSEMBLY
	LF	LF	EA	LF	EA	EA
"A1" 115+30 TO 115+84		55	1			
"A1" 115+84 TO 122+09	608					
"A1" 122+09 TO 122+59		49	1			
"RWLOL" 9+32 TO 12+26				294		
"A1" 118+32					1	
"A1" 119+10					2	1
"A1" 120+30					1	
"A1" 120+62					2	1
TOTAL	608	104	2	294	6	2

** THIS IS A LUMP SUM ITEM, FOR INFORMATION
PURPOSES ONLY

TEMPORARY WATER POLLUTION CONTROL

STATION	TEMPORARY CHECK DAM	TEMPORARY DRAINAGE INLET PROTECTION	GRAVEL BAG BERM	TEMPORARY LARGE SEDIMENT BARRIER	TEMPORARY CONCRETE WASHOUT
	LF	EA	LF	LF	LS
"A1" 115+84 TO 117+84	200				
"A1" 118+32 TO 120+62		9	90		
"RWLOL" 10+02 TO 12+26				230	1
"A1" 115+30 TO 121+20					1
TOTAL	200	9	90	230	1

SUMMARY OF QUANTITIES

Q-1

NOTE:
Underlined portions of botanical name indicate abbreviations used on Planting Plans.

IRRIGATION SPRINKLER SCHEDULE

SYMBOL	ITEM DESCRIPTION	SPRAY PATTERN	OPERATING PRESSURE	DISCHARGE RATE (+/- 5%)	DISCHARGE RATE (+/- 5%)	INLET CONNECTION DIAMETER	RISER SPRINKLER ASSEMBLY			REMARKS
			psi	GPM	GPH		TYPE	HEIGHT	MATERIAL	
	3/4" DRIP IRRIGATION TUBING	DRIP	30	-	1.0	-	-	-	PI	①②③

IRRIGATION REQUIREMENTS

- ① PRESSURE COMPENSATING
- ② EMITTER TO BE LOCATED WITHIN PLANTING BASINS ALONG UPHILL EDGE OF ROOTBALL
- ③ ONE PER PLANT

IRRIGATION QUANTITIES

SHEET	3/4" DRIP IRRIGATION TUBING	CAM COUPLER ASSEMBLY	1" PLASTIC PIPE (SCHEDULE 40) (SUPPLY LINE)
	LF	EA	LF
IPP-1	1,104	1	368

PLANTING QUANTITIES

SHEET	SOIL AMENDMENT	PACKET FERTLIZER	PLANT (GROUP M)	WOOD MULCH
	CY	EA	EA	CY
IPP-1	1.5	560	560	0.5

Dist

COUNTY

ROUTE

POST MILES TOTAL PROJECT

SHEET No.

TOTAL SHEETS

05

MON

1

27.5/27.7

XX

XX

PRELIMINARY

LICENSED LANDSCAPE ARCHITECT

XX-XX-XX

PLANS APPROVAL DATE

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

LICENSED LANDSCAPE ARCHITECT

JAKE MINNICK NO. 6945

Signature

05/31/26

Renewal Date

XX/XX/24

Date

STATE OF CALIFORNIA

SECTION
PLANT (GROUP M)

PLANT LEGEND

PLANT GROUP (SIZE)	PLANT No.	SYMBOL	BOTANICAL NAME	COMMON NAME	HOLE SIZE		BASIN TYPE	PLANT AREA GROUP F/H/M/SOD	WOOD MULCH	APPLICATION RATES								ON CENTER SPACING	MINIMUM PLANTING DISTANCE FROM:						REMARKS					
					DIAMETER	DEPTH				PACKET FERTILIZER	SOIL AMENDMENT	IRON SULFATE	SLOW-RELEASE FERTILIZER		ORGANIC FERTILIZER				ETW	EP	FENCE	WALL	PAVED DITCH	EARTH DITCH						
													PI+	(N) PI+ Est+b	PI+	(N) PI+ Est+b														
M (LINERS)	1		ERIOGONUM PARVIFOLIUM	SEACLIFF BUCKWHEAT	②	②	-	2810	0.02	1	0.05	-	-	-	-	-	②	-	10	-	-	-	-	-	SHRUB					

(N) - NOT A SEPARATE BID ITEM

PLANTING REQUIREMENTS

- ① QUANTITIES SHOWN ARE "PER PLANT" UNLESS SHOWN AS SQFT OR SQYD APPLICATION RATES
- ② SEE DETAIL

PLAN
PLANT AND PLASTIC PIPE AND TUBING LAYOUT

SECTION
CAM COUPLER ASSEMBLY

ELEVATION
EMITTER

LANDSCAPE DETAILS
LD-1

BORDER LAST REVISED 9/8/2021

USERNAME => s148881
DGN FILE => 0518000105sy001.dgn

RELATIVE BORDER SCALE
IS IN INCHES

0 1 2 3

UNIT 4660

PROJECT NUMBER & PHASE

05180001051

LAST REVISION DATE PLOTTED => 19-FEB-2025
01-08-25 TIME PLOTTED => 13:12

NOTE:
Underlined portions of botanical name indicate abbreviations used on Planting Plans.

IRRIGATION QUANTITY

SHEET No.	WYE STRAINER ASSEMBLY	CAM COUPLER ASSEMBLY	IRRIGATION SUPPLY LINE		
			DRIP IRRIGATION TUBING	EMITTERS (N)	PLASTIC PIPE (SCHEDULE 40) (SUPPLY LINE)
			3/4"		1"
IPP-1	1	1	1,104	146	368

(N) - NOT A SEPARATE BID ITEM

PLANT QUANTITIES

SHEET No.	BOTANICAL NAME	COMMON NAME	PLANT GROUP	PLANT BASIN		SOIL AMENDMENT
			U	PACKET FERTILIZER	WOOD (*) MULCH	
			EA	LB	CY	CY
IPP-1	<u>ERIOGONUM PARVIFOLIUM</u>	SEACLIFF BUCKWHEAT	560	360	0.5	1.5

(*) - QUANTITY INCLUDED IN WOOD MULCH TABLE

WOOD MULCH

SHEET No.	WOOD MULCH
	CY
EC-1	38.0
FROM PLANT QUANTITIES TABLE	0.5
TOTAL	38.5

LANDSCAPE QUANTITIES

LQ-1

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
05	MON	1	27.5/27.7	XX	XX

PRELIMINARY
LICENSED LANDSCAPE ARCHITECT

XX-XX-XX
PLANS APPROVAL DATE

Signature
05/31/26
Renewal Date
XX/XX/24
Date

LICENSED LANDSCAPE ARCHITECT
JAKE R. MINNICK NO. 6926
STATE OF CALIFORNIA

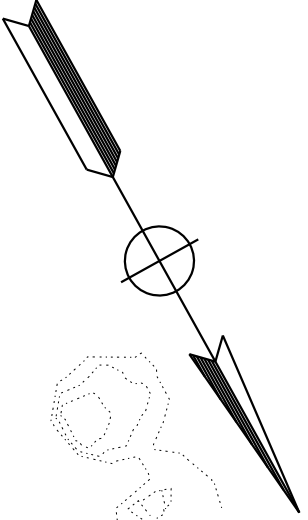
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NOTE:

FOR ACCURATE RIGHT OF WAY DATA, CONTACT
RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

LEGEND:

- DRIP IRRIGATION TUBING
- ROADSIDE CLEARING, HIGHWAY PLANTING,
AND PLANT ESTABLISHMENT WORK LIMITS



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
05	MON	1	27.5/27.7	XX	XX

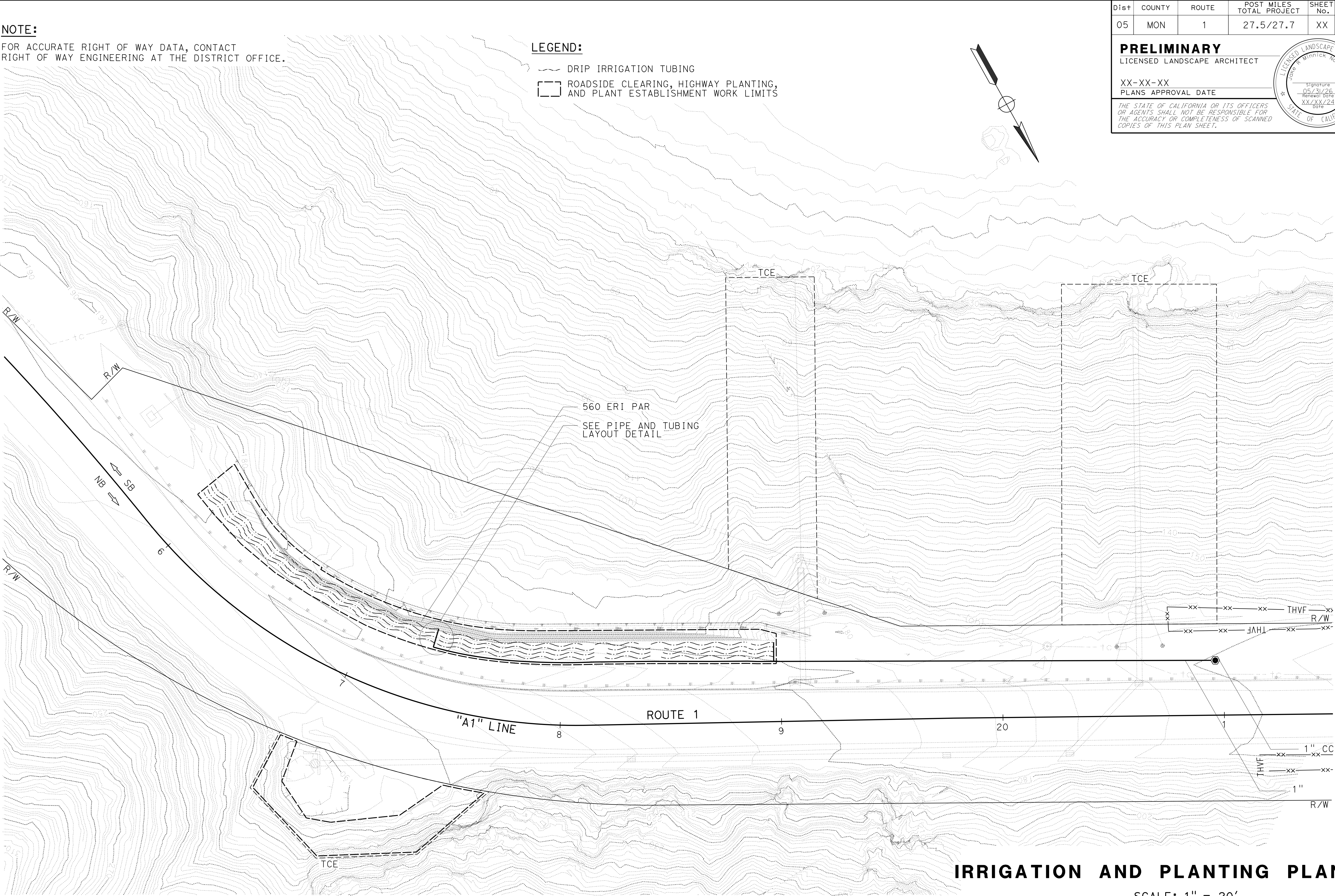
PRELIMINARY

LICENSED LANDSCAPE ARCHITECT

XX-XX-XX

PLANS APPROVAL DATE

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IRRIGATION AND PLANTING PLAN

SCALE: 1" = 20'

IPP-1

APPROVED FOR IRRIGATION AND PLANTING WORK ONLY

SEQUENCE	ITEM	MATERIAL		APPLICATION RATE	REMARKS
		DESCRIPTION	TYPE		
STEP 1	COMPOST (CY)	COMPOST	MEDIUM	135 CY/AC	1" DEPTH
STEP 2	HYDROSEED	SEED	MIX 1	35 LB/ACRE	
		FIBER	WOOD	2000 LB/ACRE	
		TACKIFIER	PSYLLIUM	200 LB/ACRE	

SEQUENCE	ITEM	MATERIAL		APPLICATION RATE	REMARKS
		DESCRIPTION	TYPE		
STEP 1	COMPOST (CY)	COMPOST	MEDIUM	268 CY/AC	2" DEPTH
STEP 2	INCORPORATE MATERIALS	INCORPORATE COMPOST			12" DEPTH
STEP 3	WOOD MULCH	WOOD MULCH	WOOD CHIP	305 CY/AC	3" DEPTH

SEQUENCE	ITEM	MATERIAL		REMARKS
		DESCRIPTION	TYPE	
INSTALL BEFORE HYDRAULIC APPLICATIONS	FIBER ROLLS	FIBER ROLL	8"-10" Dia	TYPE 2 INSTALLATION

SHEET NUMBER	DESCRIPTION	COMPOST	HYDROSEED	(*) WOOD MULCH	FIBER ROLLS	INCORPORATE MATERIALS
		CY	SQFT	CY	LF	SQFT
EC-1	EC (TYPE 1)	68	21,941			
	EC (TYPE 2)	25		30		4150
	FIBER ROLLS				2,091	
TOTAL		93	21,941	30	2,091	4150

(*) QUANTITIES INCLUDED ON SHEET LD-1

MOVE-IN/MOVE-OUT
(EROSION CONTROL)

EA
2

Dist

COUNTY

ROUTE

POST MILES
TOTAL PROJECT

SHEET
No.

TOTAL
SHEETS

05

MON

1

27.5/27.7

XX

XX

PRELIMINARY

LICENSED LANDSCAPE ARCHITECT

XX-XX-XX

PLANS APPROVAL DATE

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LICENSED LANDSCAPE ARCHITECT

Jake R. Minnick No. 6925

Signature
05/31/26
Renewal Date
XX/XX/24
Date

STATE OF CALIFORNIA

BOTANICAL NAME (COMMON NAME)	PERCENT GERMINATION (MINIMUM)	POUNDS PURE LIVE SEED PER ACRE (SLOPE MEASUREMENT)
ACHILLEA MILLEFOLIUM (YARROW)	50	0.5
ACMISPON GLABER (DEER WEED)	70	2.5
ARTEMISIA CALIFORNICA (CALIFORNIA SAGEBRUSH)	20	0.5
DIPLACUS AURANTIACUS (MONKEY FLOWER)	20	0.5
ERIOGONUM PARVIFOLIUM (SEACLIFF BUCKWHEAT)	20	5
ERIOPHYLLUM STAECHADIFOLIUM (LIZARDTAIL)	20	0.5
FESTUCA MICROSTACHYS (SMALL FESCUE)	70	5
LUPINUS NANUS (SKY LUPINE)	70	5
KOLERIA MACRANTHA (JUNE GRASS)	70	5
SALVIA MELLIFERA (BLACK SAGE)	30	0.5
STIPA PULCHRA (PURPLE NEEDLE GRASS)	70	10

EROSION CONTROL LEGEND

ECL-1

BORDER LAST REVISED 9/8/2021

USERNAME => s148881
DGN FILE => 0518000105tc001.dgn

RELATIVE BORDER SCALE
IS IN INCHES

0123

UNIT 4660

PROJECT NUMBER & PHASE

05180001051

LAST REVISION

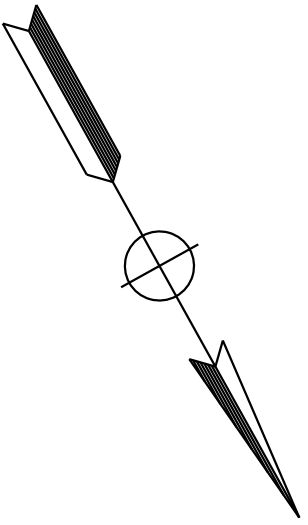
DATE PLOTTED => 21-FEB-2025

01-08-25

TIME PLOTTED => 07:18

NOTE:
FOR ACCURATE RIGHT OF WAY DATA, CONTACT
RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

- LEGEND:**
- FIBER ROLL
 - EROSION CONTROL (TYPE 1)
 - EROSION CONTROL (TYPE 2)



DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
05	MON	1	27.5/27.7	XX	XX

PRELIMINARY
LICENSED LANDSCAPE ARCHITECT

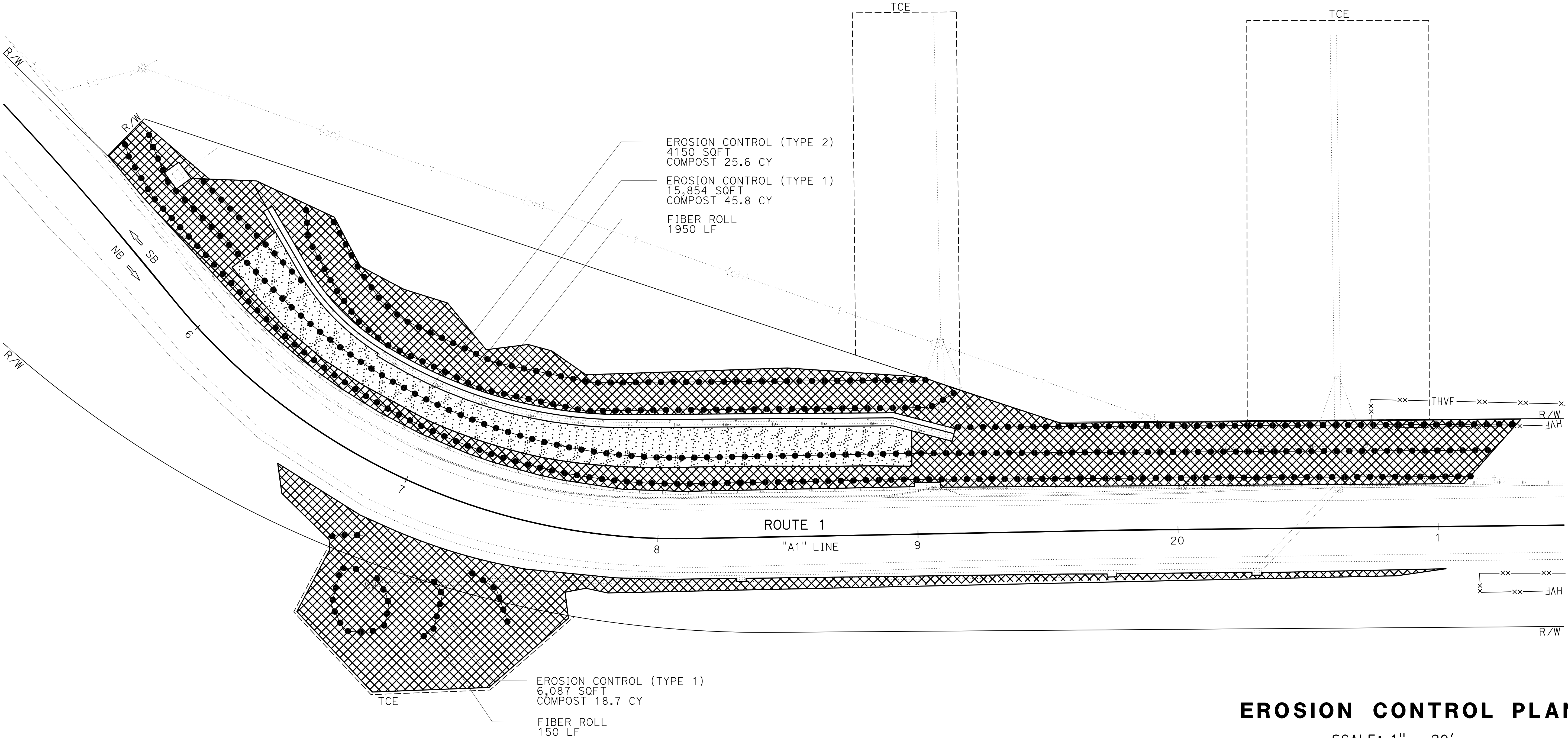
XX-XX-XX
PLANS APPROVAL DATE

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LICENSED LANDSCAPE ARCHITECT
JAKE MINNICK NO. 0125

Signature
05/31/26
Renewal Date
XX/XX/24
Date

STATE OF CALIFORNIA



APPROVED FOR EROSION CONTROL WORK ONLY

EROSION CONTROL PLAN
SCALE: 1" = 20'
EC-1

NOTES:

1. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.
2. ALL PULL BOXES MUST BE No. 5 UNLESS OTHERWISE NOTED.

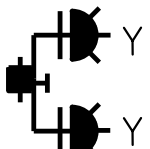
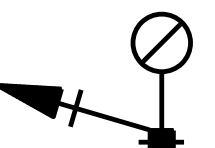
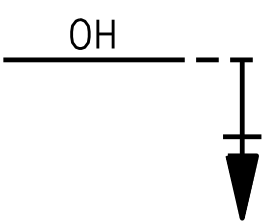
LEGEND (FOR SHEET E1-E4):

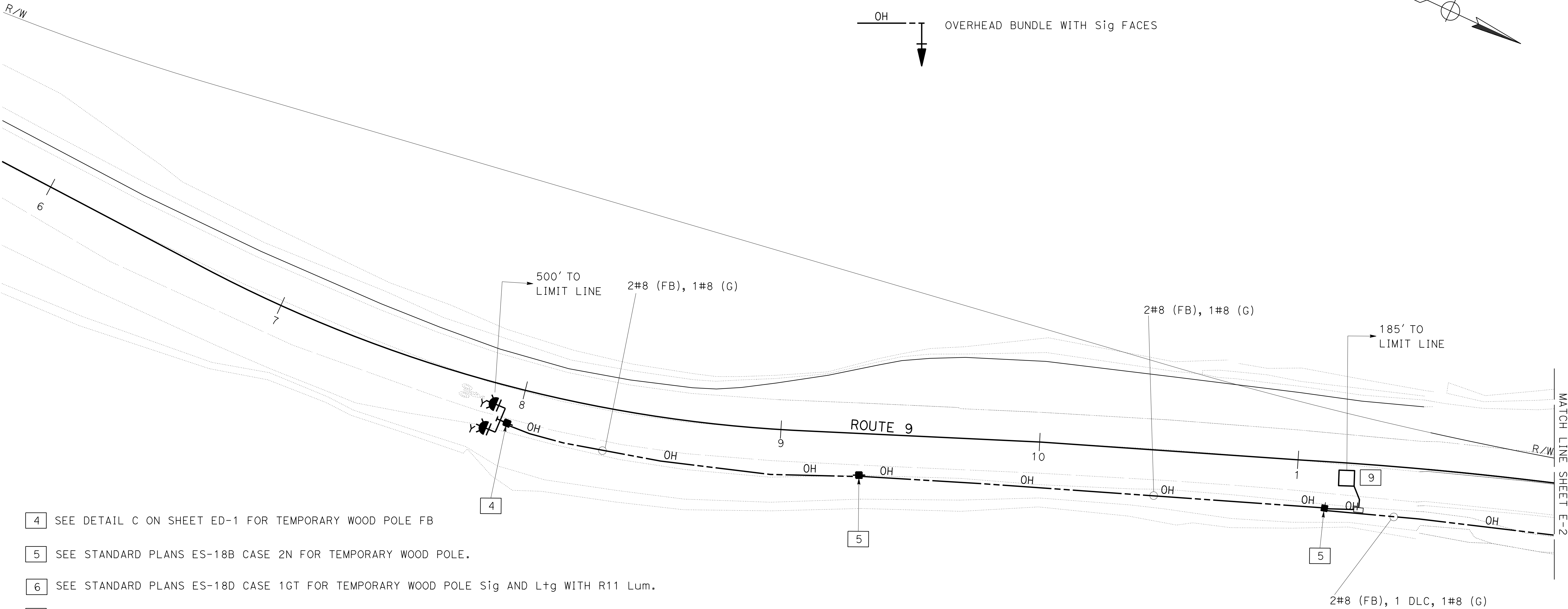
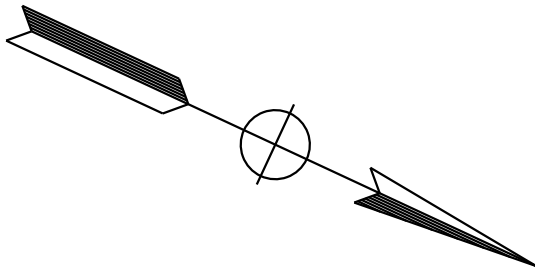
- 1 SEE DETAIL A ON SHEET ED-1 FOR GENERATOR SYSTEM.
- 2 TEMPORARY WOOD POLE WITH UNMETERED SERVICE ENCLOSURE. SEE DETAIL B ON SHEET ED-1 FOR SERVICE ENCLOSURE WIRING DIAGRAM.
- 3 DEPARTMENT- FURNISHED MODEL 2070E CONTROLLER ASSEMBLY. ADD UPS. FOR CABINET PLATFORM , SEE DETAIL D ON SHEET ED-1.

ABBREVIATION:

PG&E - PACIFIC GAS AND ELECTRIC COMPANY

SYMBOLS:

-  TEMPORARY WOOD POLE FB
-  TEMPORARY WOOD POLE Sig AND Ltg
-  GENERATOR SYSTEM
-  OVERHEAD BUNDLE WITH 1#8(G) (CONDUCTORS AS NOTED)
-  OVERHEAD BUNDLE WITH Sig FACES



- 4 SEE DETAIL C ON SHEET ED-1 FOR TEMPORARY WOOD POLE FB
- 5 SEE STANDARD PLANS ES-18B CASE 2N FOR TEMPORARY WOOD POLE.
- 6 SEE STANDARD PLANS ES-18D CASE 1GT FOR TEMPORARY WOOD POLE Sig AND Ltg WITH R11 Lum.
- 7 SEE STANDARD PLANS ES-18B CASE 3N FOR TEMPORARY WOOD POLE Sig AND PBA WITH SIGN R10-3.
- 8 SEE STANDARD PLANS ES-18B CASE 1N FOR TEMPORARY WOOD POLE Sig AND PBA WITH SIGN R10-3.
- 9 LOOP DETECTORS MUST HAVE 5 TURNS.

TEMPORARY SIGNAL SYSTEMS

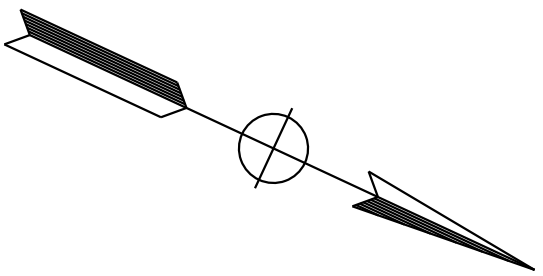
SCALE: 1" = 20'

E-1

APPROVED FOR ELECTRICAL WORK ONLY

NOTES:

1. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.
2. ALL PULL BOXES MUST BE No. 5 UNLESS OTHERWISE NOTED.



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
05	MON	001	27.5/27.7		

REGISTERED ENGINEER

DRAFT

DATE

PLANS APPROVAL DATE

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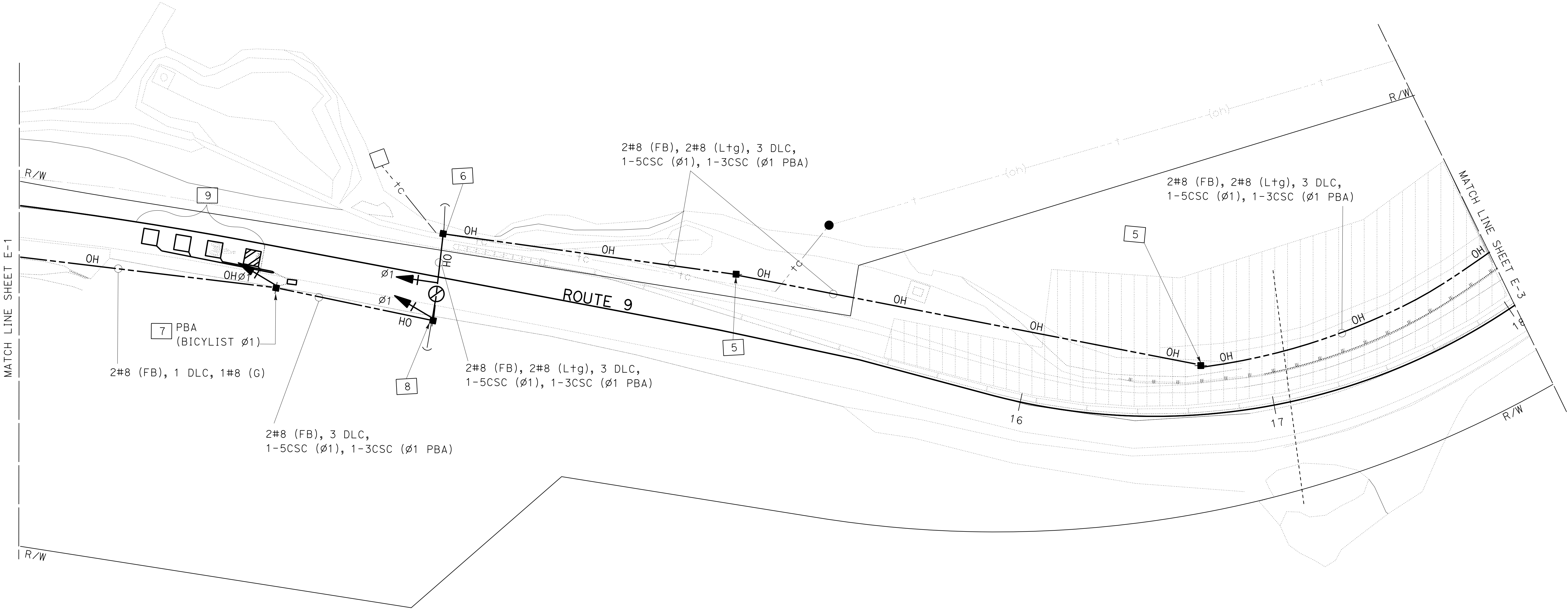
REGISTERED PROFESSIONAL ENGINEER

No.

Exp.

ELECTRICAL

STATE OF CALIFORNIA



TEMPORARY SIGNAL SYSTEMS

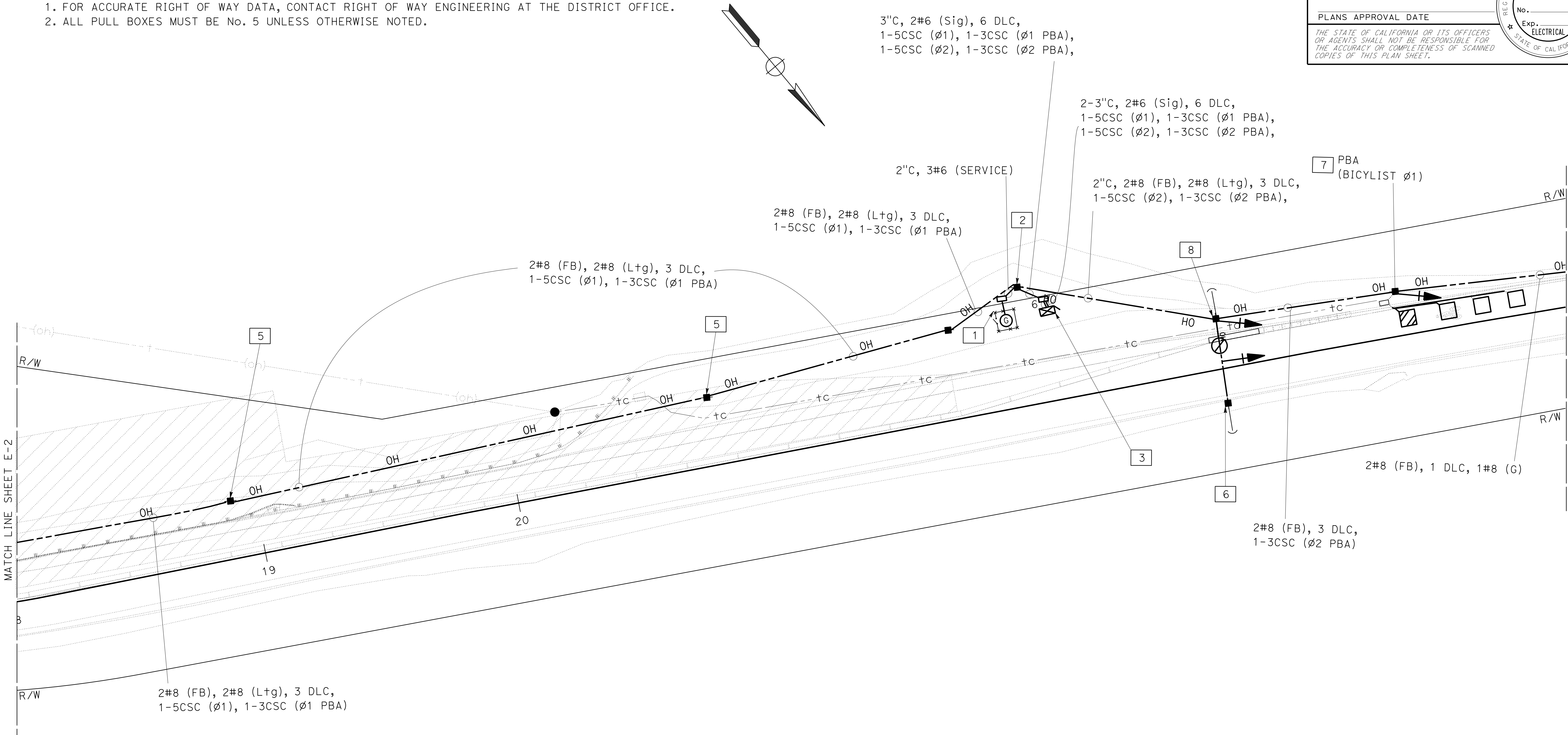
SCALE: 1" = 20'

E-2

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NOTES:

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2. ALL PULL BOXES MUST BE No. 5 UNLESS OTHERWISE NOTED.



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
05	MON	001	27.5/27.7		

REGISTERED ENGINEER

DRAFT

DATE

PLANS APPROVAL DATE

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REGISTERED PROFESSIONAL ENGINEER
No. _____
Exp. _____
ELECTRICAL
STATE OF CALIFORNIA

TEMPORARY SIGNAL SYSTEMS

SCALE: 1" = 20'

E-3

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NOTES:

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2. ALL PULL BOXES MUST BE NO. 5 UNLESS OTHERWISE NOTED.

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
05	MON	001	27.5/27.7		

REGISTERED ENGINEER

DRAFT

DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER

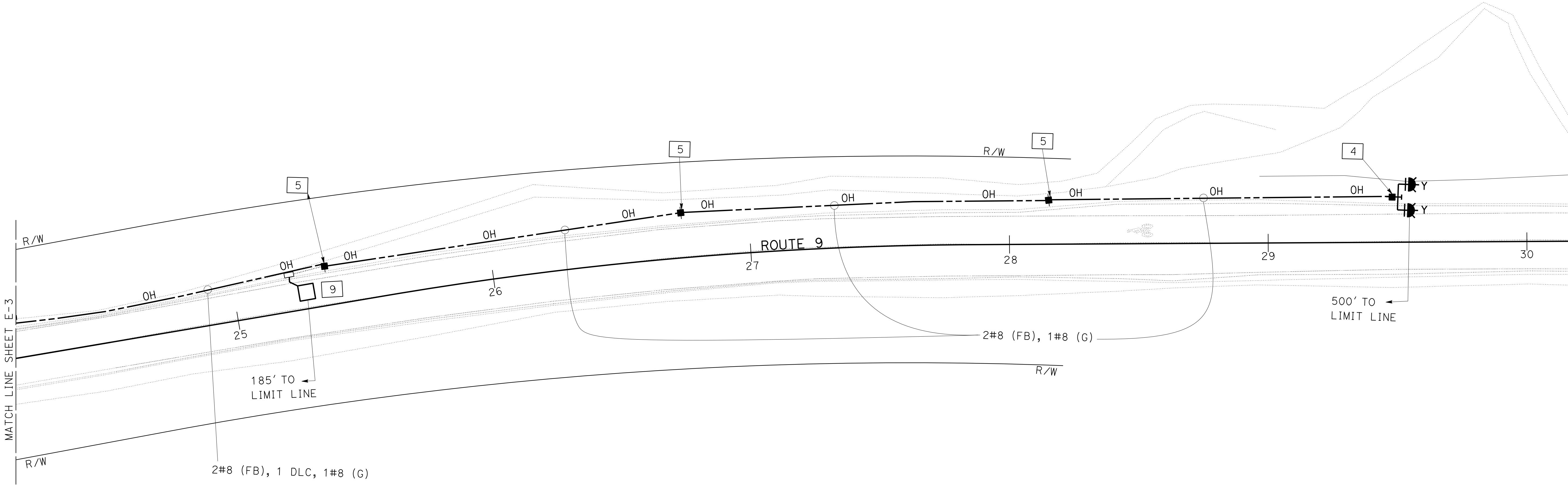
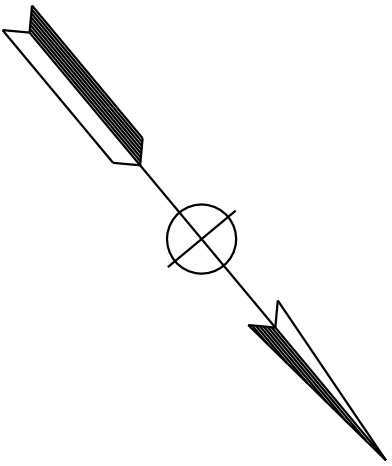
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Exp.

ELECTRICAL

STATE OF CALIFORNIA

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TEMPORARY SIGNAL SYSTEMS

SCALE: 1" = 20'

E-4

05

MON

001

27.5/27.7

XX-XX-XX

REGISTERED ENGINEER

DATE

PLANS APPROVAL DATE

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REGISTERED PROFESSIONAL ENGINEER

No.

Exp.

ELECTRICAL

STATE OF CALIFORNIA

TOTAL SHEETS

00-00-00

NOTE:

THE ELECTRICAL SYSTEM QUANTITY TABLE SUMMARIZES SIGNIFICANT COMPONENTS. SEE ELECTRICAL SYSTEM PLANS AND SPECIFICATIONS TO DETERMINE ALL MATERIALS NEEDED FOR THE SYSTEM.

TEMPORARY SIGNAL SYSTEMS

SHEET No.	(N)																					
	No. 5 PB	No. 6 PB	DETECTOR LOOP, TYPE A	DETECTOR LOOP, TYPE D	LUMINAIRE-R11	GENERATOR SYSTEM	APS	CONTROLLER CABINET	TEMPORARY WOOD POLE	Sig OVERHEAD BUNDLE	TEMPORARY WOOD POLES WITH Sig Ltg EQUIPMENT	TEMPORARY WOOD POLE WITH FB	2" C, TYPE 3	3" C, TYPE 3	No. 6 CONDUCTOR	No. 8 CONDUCTOR	No. 8 CONDUCTOR (G)	5CSC	3CSC	DLC	OVERHEAD BUNDLE	
	EA												LF									
E-1	1		1						3			1				1000	500			100	500	
E-2	1		3	1	1		1		5	1	1					1400	700	550	550	700	700	
E-3	2	1	3	1	1	1	1	1	6	1			90	15	20	1400	700	700	700	700	700	
E-4	1		1						4			1				1200	600			150	600	

(N) - NOT A SEPARATE BID ITEM

NOTES:

1. For "GENERAL NOTES" and "INDEX TO PLANS", see "INDEX TO PLANS" sheet.
2. Exist culvert to be abandoned with the vertical portion in front of the existing crib wall to be removed, see ROADWAY PLANS.
3. Steel pile size of tangent pile is W24x408. Drilled Hole diameter of tangent pile is 36".

① Paint "BIG CREEK RETAINING WALL
Br. No. 44E0027"
Year constructed

LEGEND:

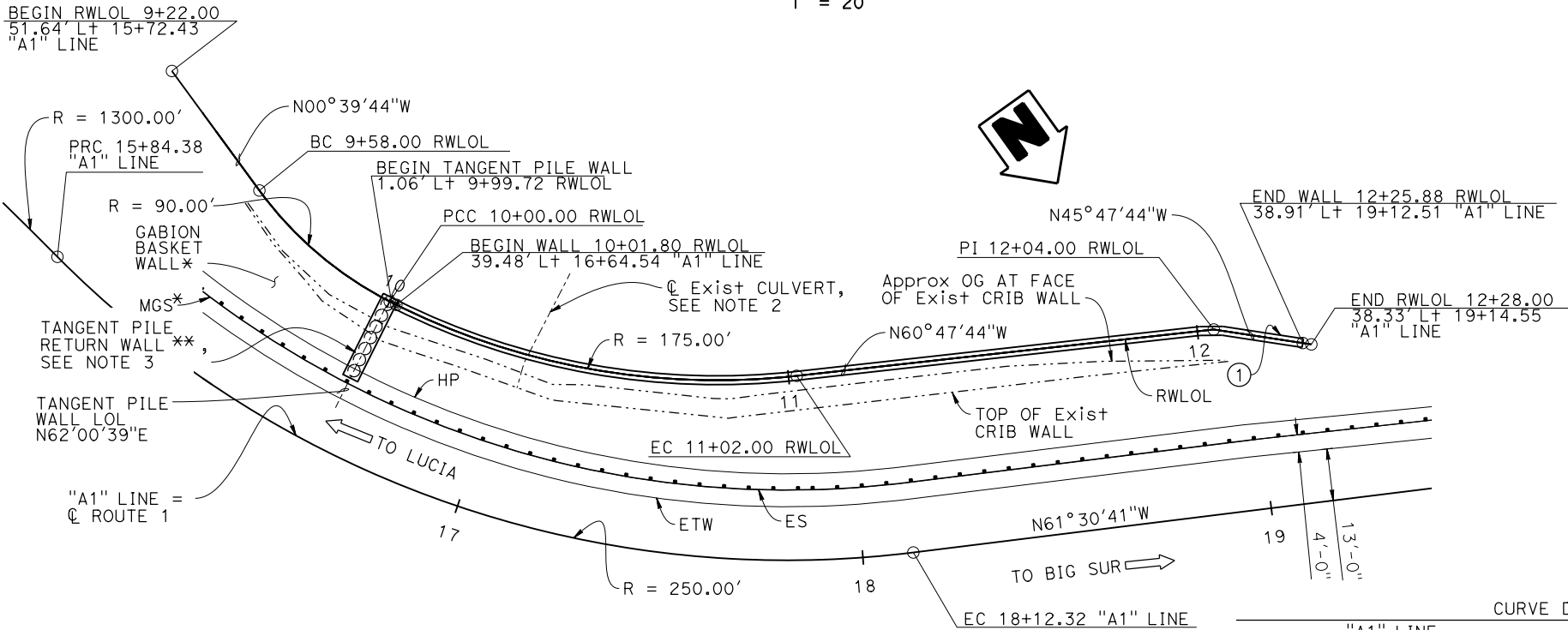
- Existing Structure
- * See ROADWAY PLANS
- o Ground Anchor
- ** Integral Color Concrete
- *** Stain Galvanized Surfaces

DATE OF ESTIMATE	01-05-2025
BRIDGE REMOVAL	= N/A
STRUCTURE DEPTH	= N/A
LENGTH	= 218 FT
HEIGHT	= 32 FT
AREA	= 6,976 SQFT
COST/f+2	= \$738.10
TOTAL COST INCLUDING TRO, MOBILIZATION & 25% CONTINGENCY	= \$5,149,000
WORKING DAYS	= 271

GP

DEVELOPED MIRRORED ELEVATION

1" = 20'

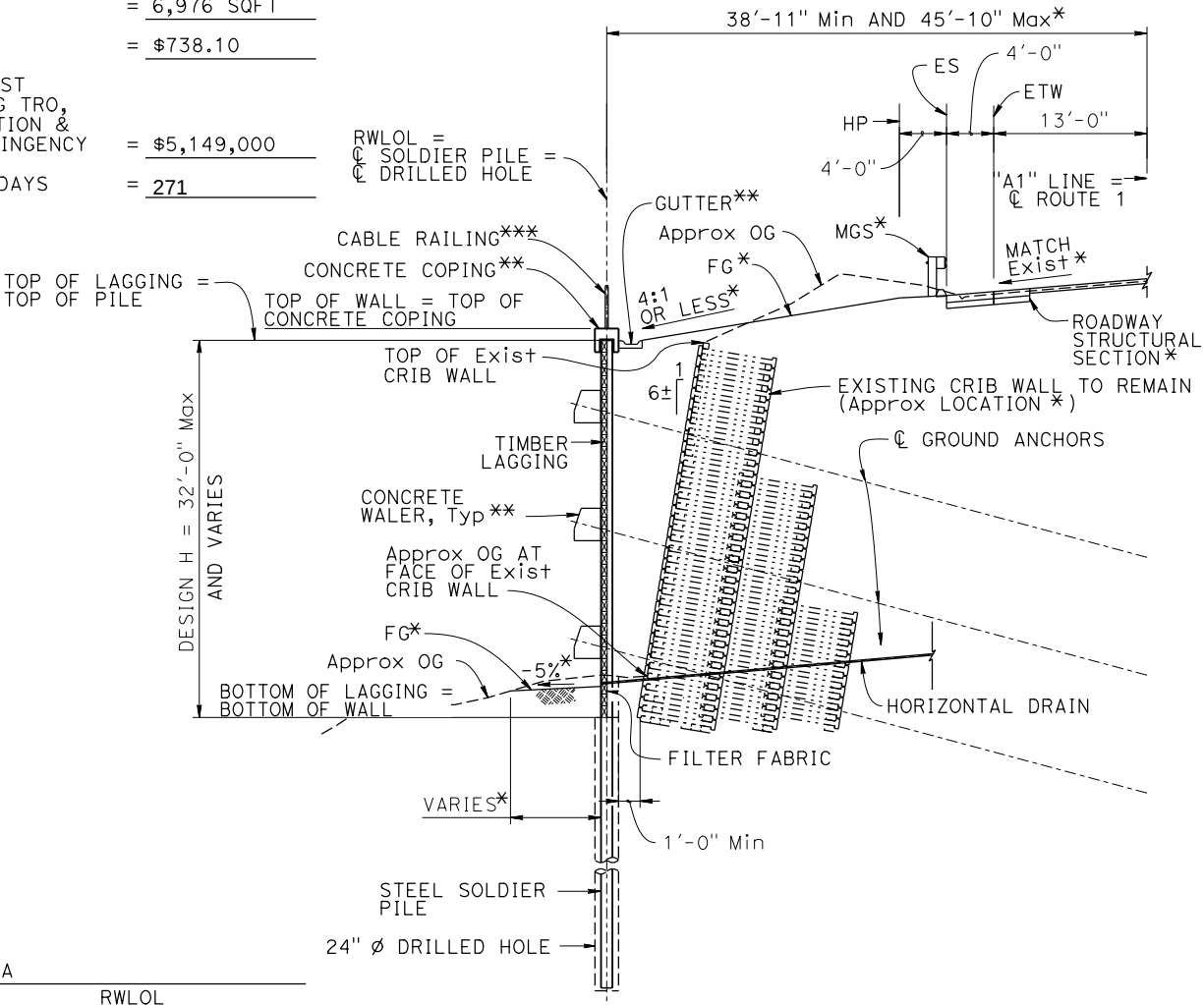


NOTE:
THE CONTRACTOR SHALL VERIFY ALL
CONTROLLING FIELD DIMENSIONS
BEFORE ORDERING OR FABRICATING
ANY MATERIAL.

PLAN

1" = 20'

CURVE DATA			
"A1" LINE	RWLOL	"A1" LINE	RWLOL
R = 1300.00' Δ = 05°03'30" T = 57.42' L = 114.77'	R = 250.00' Δ = 52°14'20" T = 122.58' L = 227.94'	R = 90.00' Δ = 26°44'17" T = 21.39' L = 42.00'	R = 175.00' Δ = 33°23'43" T = 52.49' L = 102.00'



TYPICAL SECTION

1/8" = 1'-0"