
FINAL ENVIRONMENTAL ASSESSMENT (EA/IS-09-080)

*BUENA VISTA WASTER STORAGE DISTRICT
BV8 STATE WATER PROJECT TURNOUT*

Appendix A
Final Project Designs (Pages 1-8)

December 2011

BUENA VISTA WATER STORAGE DISTRICT

KERN COUNTY, CALIFORNIA



PLANS FOR CONSTRUCTION OF BUENA VISTA TURNOUT NO. 8

APPROVED* BY:

DEPARTMENT OF WATER RESOURCES DATE
*APPROVAL IS CONDITIONAL AT THE TIME OF THIS APPROVAL, THE DWR IS DEVELOPING THE DESIGN OF A TRASH RACK ACCESS PLATFORM. THE PLATFORM WILL ALLOW SAFE ACCESS TO THE SURFACE OF THE TRASH RACK FOR ONGOING MANUAL REMOVAL OF TRASH AND DEBRIS. IT IS UNDERSTOOD AND AGREED WITH THE APPROVAL THAT THE BUENA VISTA WATER STORAGE DISTRICT WILL ARRANGE FOR THE TIMELY FABRICATION AND INSTALLATION OF THIS ITEM WHEN THE DESIGN IS FINALIZED AND FORWARDED TO THE BUENA VISTA WATER STORAGE DISTRICT.

ACCEPTED BY:

D. Bartel 10/07/11
DAN BARTEL DATE
DISTRICT MANAGER

RECOMMENDED BY:

David Hampton 10/07/11
DAVID HAMPTON DATE
DISTRICT ENGINEER

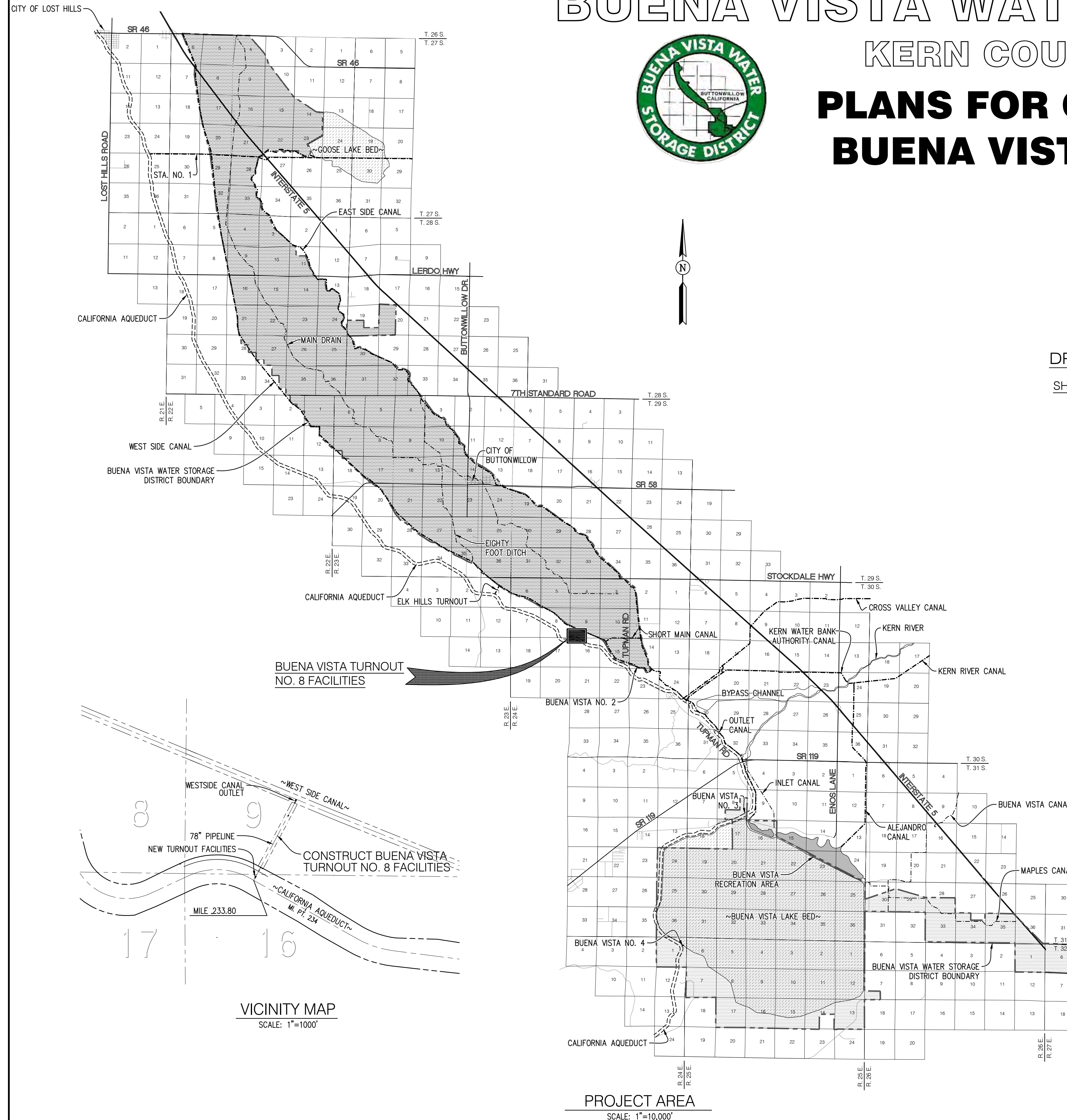
SUBMITTED BY:

Richard Meyer 10/07/11
RICHARD MEYER, RCE 28104 DATE



DRAWING INDEX

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24.	FLOOD CHANNEL DISTURBANCE REQUIREMENTS
25.	COFFER DAM DETAILS



VICINITY MAP
SCALE: 1"=1000'

PROJECT AREA
SCALE: 1"=10,000'

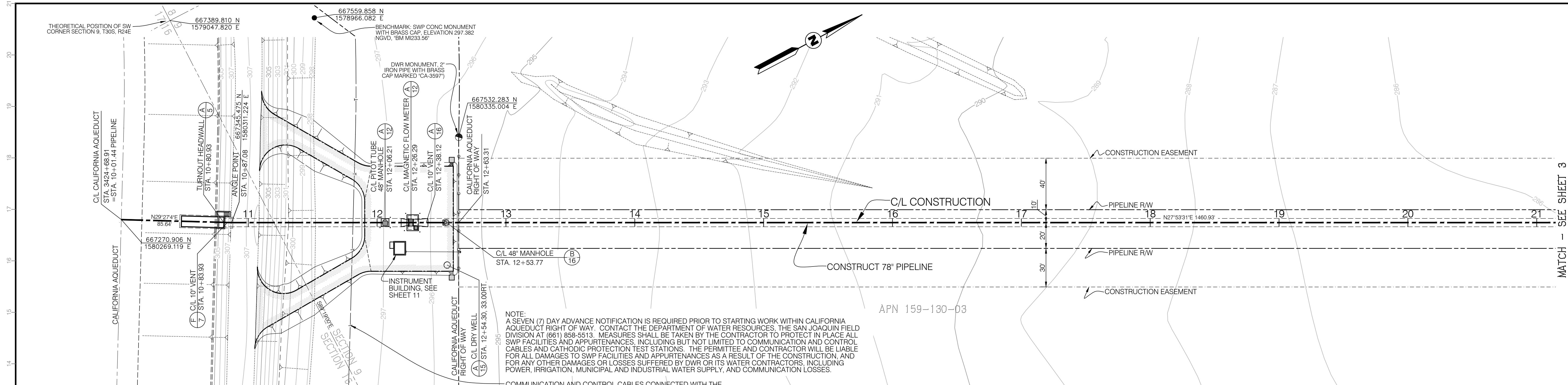
File Name: BWV09001TS1.DWG

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BUENA VISTA WATER STORAGE DIST.
CONSTRUCTION PLANS FOR
BUENA VISTA TURNOUT NO. 8

NO 1
OF
25
SHEETS

PRINT DATE 10/07/11



PLAN - BV#8 PIPELINE

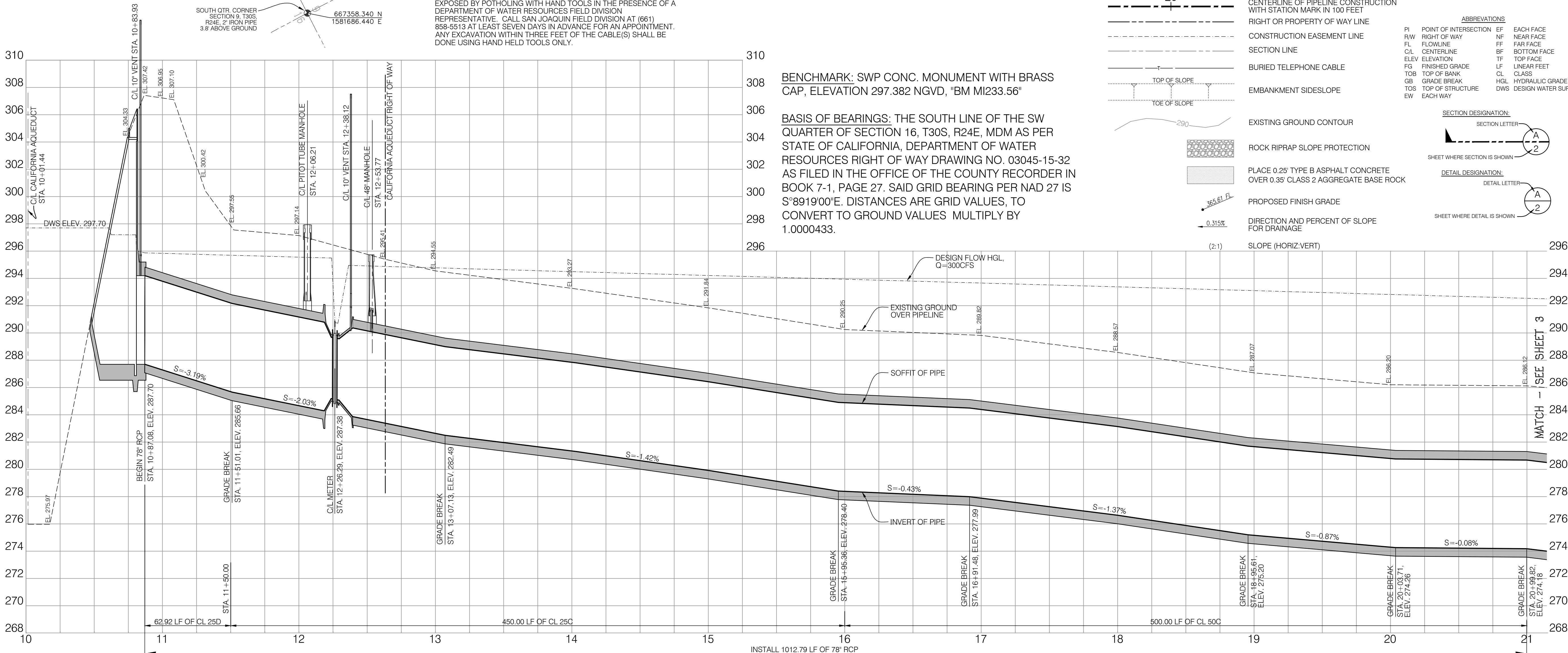
SCALE: 1"=40'

LEGEND

- 20
- CENTERLINE OF PIPELINE CONSTRUCTION WITH STATION MARK IN 100 FEET
- RIGHT OR PROPERTY OF WAY LINE
- CONSTRUCTION EASEMENT LINE
- SECTION LINE
- BURIED TELEPHONE CABLE
- EMBANKMENT SIDESLOPE
- EXISTING GROUND CONTOUR
- ROCK RIPRAP SLOPE PROTECTION
- PLACE 0.25' TYPE B ASPHALT CONCRETE OVER 0.35' CLASS 2 AGGREGATE BASE ROCK
- PROPOSED FINISH GRADE
- DIRECTION AND PERCENT OF SLOPE FOR DRAINAGE
- (2:1) SLOPE (HORIZ:VERT)
- ABBREVIATIONS
- | | | | |
|------|-----------------------|-----|----------------------|
| PI | POINT OF INTERSECTION | EF | EACH FACE |
| R/W | RIGHT OF WAY | NF | NEAR FACE |
| FL | FLOWLINE | FF | FAR FACE |
| C/L | CENTERLINE | BF | BOTTOM FACE |
| ELEV | ELEVATION | TF | TOP FACE |
| FG | FINISHED GRADE | LF | LINEAR FEET |
| TOB | TOP OF BANK | CL | CLASS |
| GB | GRADE BREAK | HGL | HYDRAULIC GRADE LINE |
| TOS | TOP OF STRUCTURE | DWS | DESIGN WATER SURFACE |
| EW | EACH WAY | | |
- SECTION DESIGNATION
- SECTION LETTER
- SHEET WHERE SECTION IS SHOWN
- DETAIL DESIGNATION
- DETAIL LETTER
- SHEET WHERE DETAIL IS SHOWN

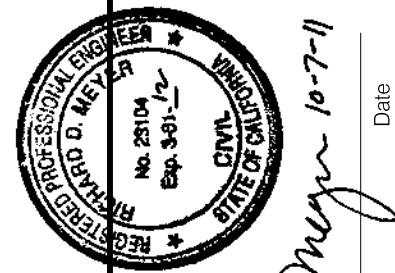
BENCHMARK: SWP CONC. MONUMENT WITH BRASS CAP, ELEVATION 297.382 NGVD, "BM M1233.56"

BASIS OF BEARINGS: THE SOUTH LINE OF THE SW QUARTER OF SECTION 16, T30S, R24E, MDM AS PER STATE OF CALIFORNIA, DEPARTMENT OF WATER RESOURCES RIGHT OF WAY DRAWING NO. 03045-15-32 AS FILED IN THE OFFICE OF THE COUNTY RECORDER IN BOOK 7-1, PAGE 27. SAID GRID BEARING PER NAD 27 IS S°89°19'00"E. DISTANCES ARE GRID VALUES, TO CONVERT TO GROUND VALUES MULTIPLY BY 1.0000433.



PROFILE - BV#8 PIPELINE

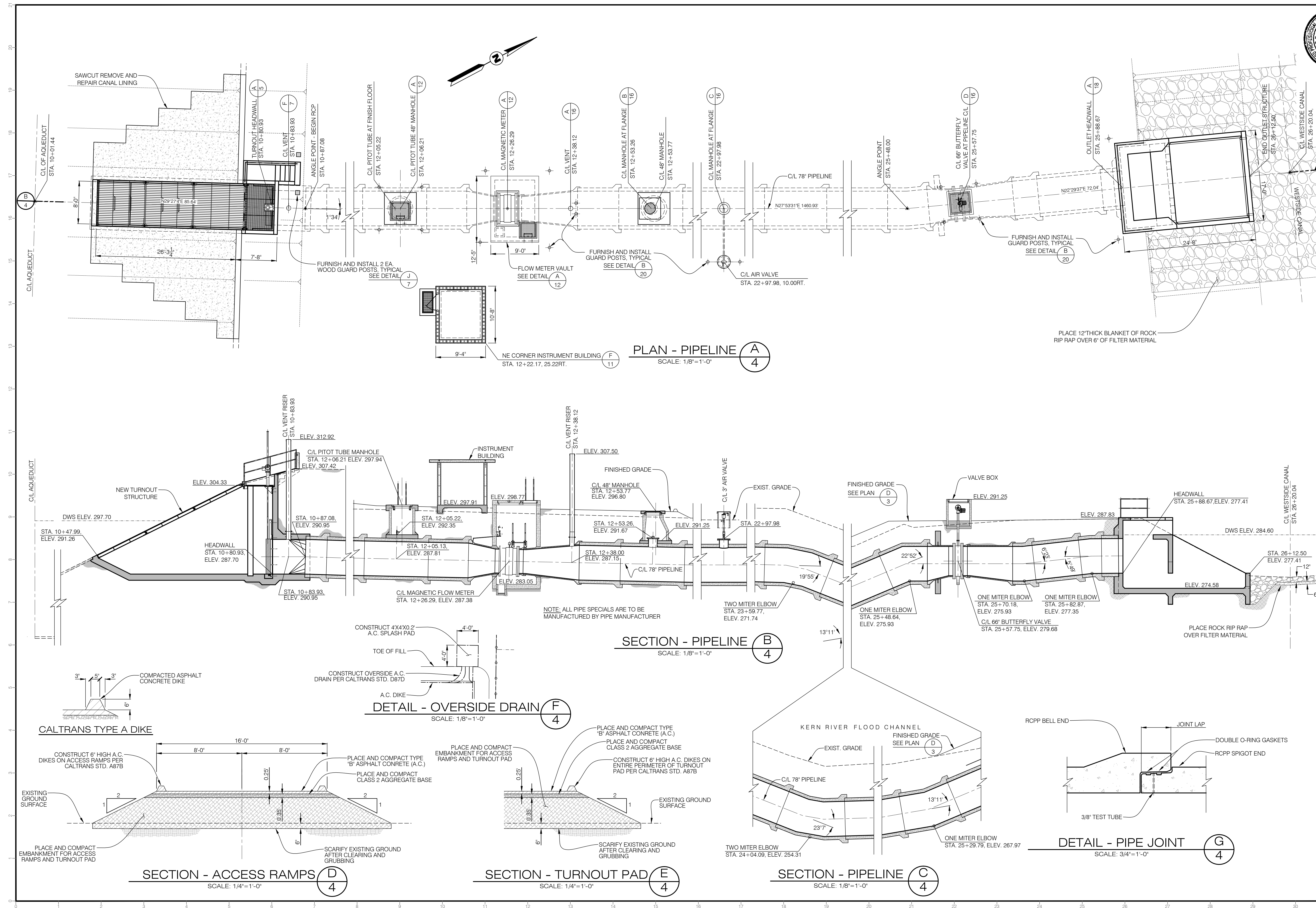
SCALE:
HORIZONTAL: 1"=40'
VERTICAL: 1"=4'



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BUENA VISTA WATER STORAGE DISTRICT
BUENA VISTA TURNOUT #8
PLAN-PROFILE STA 10~ TO 21~

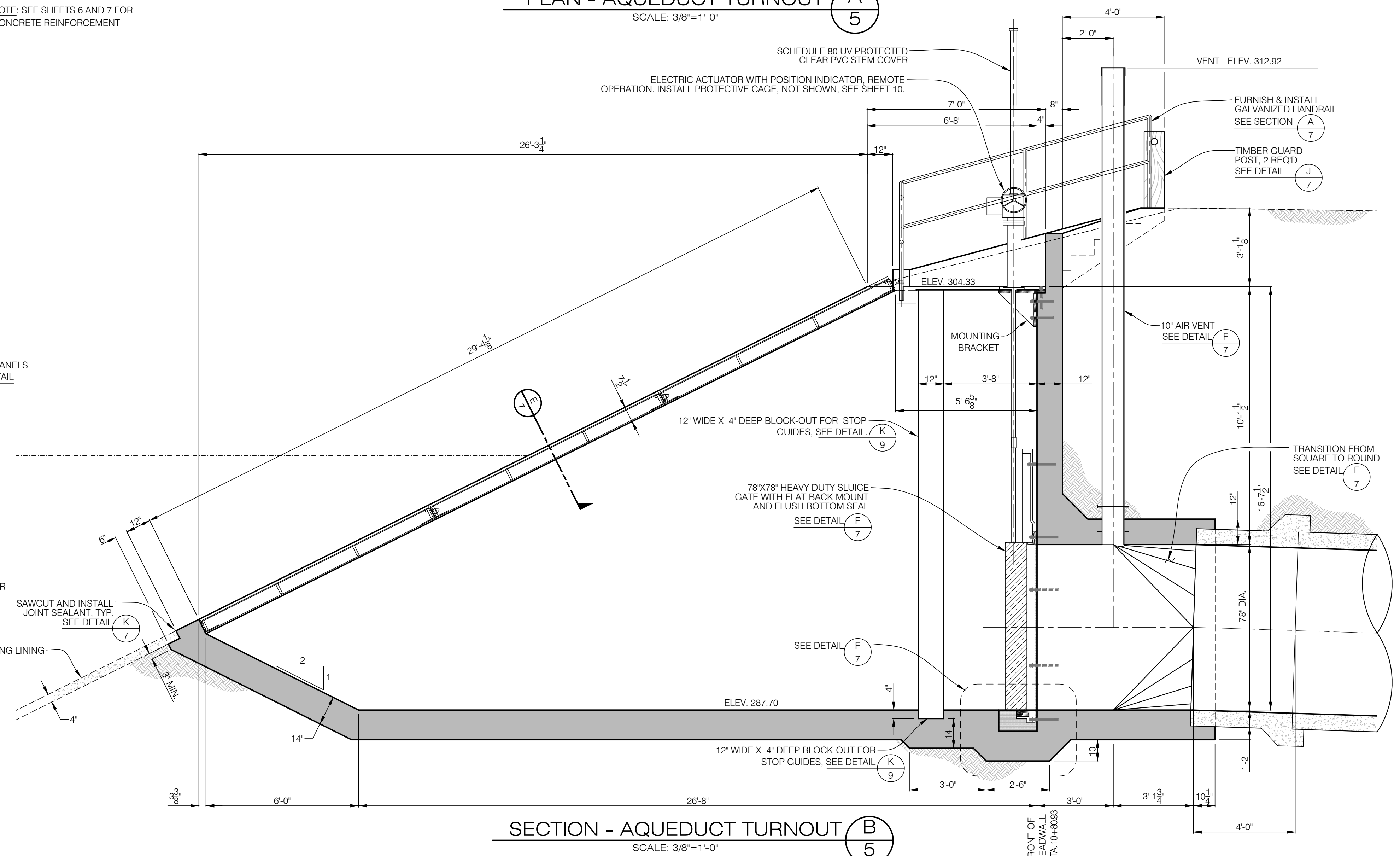
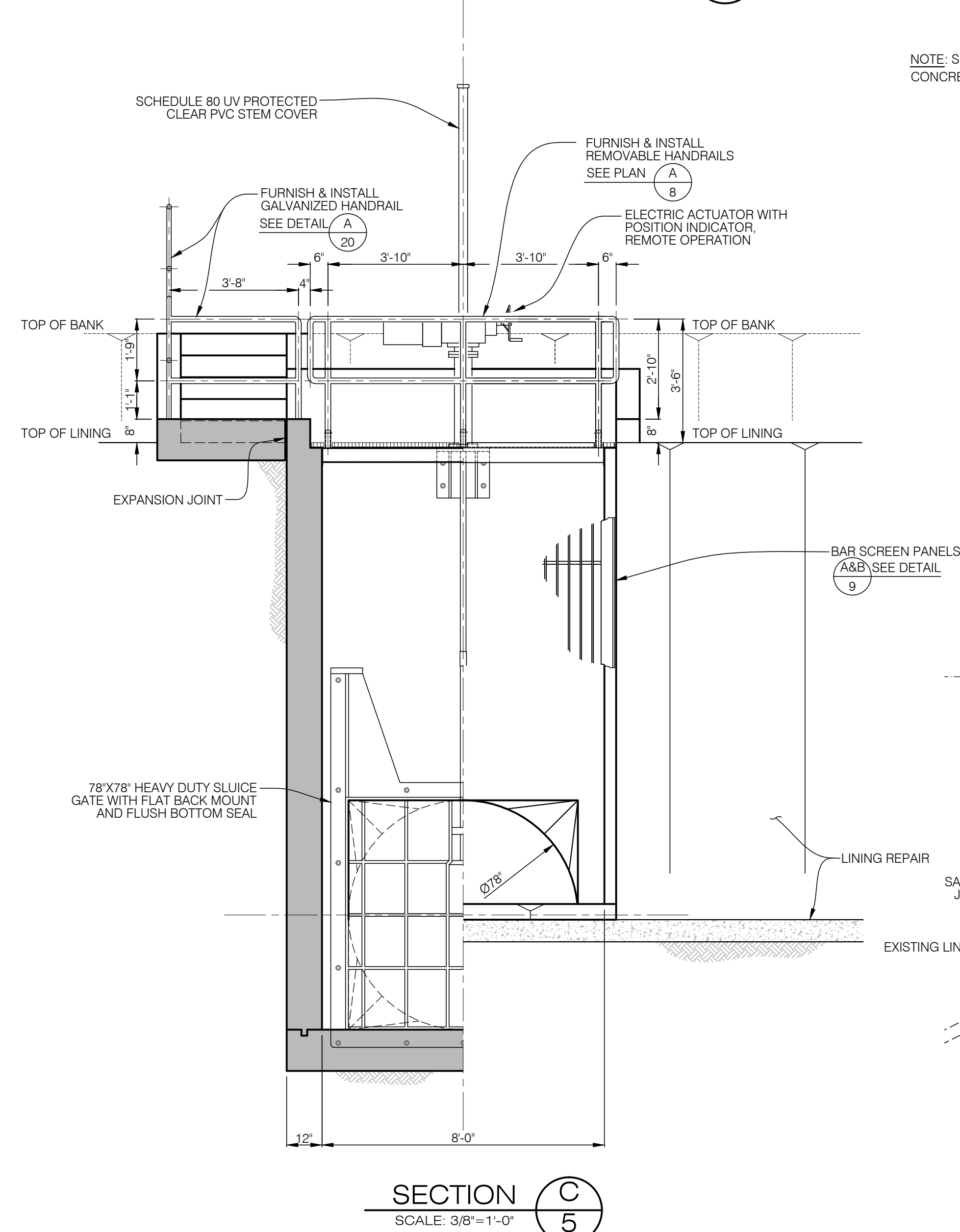
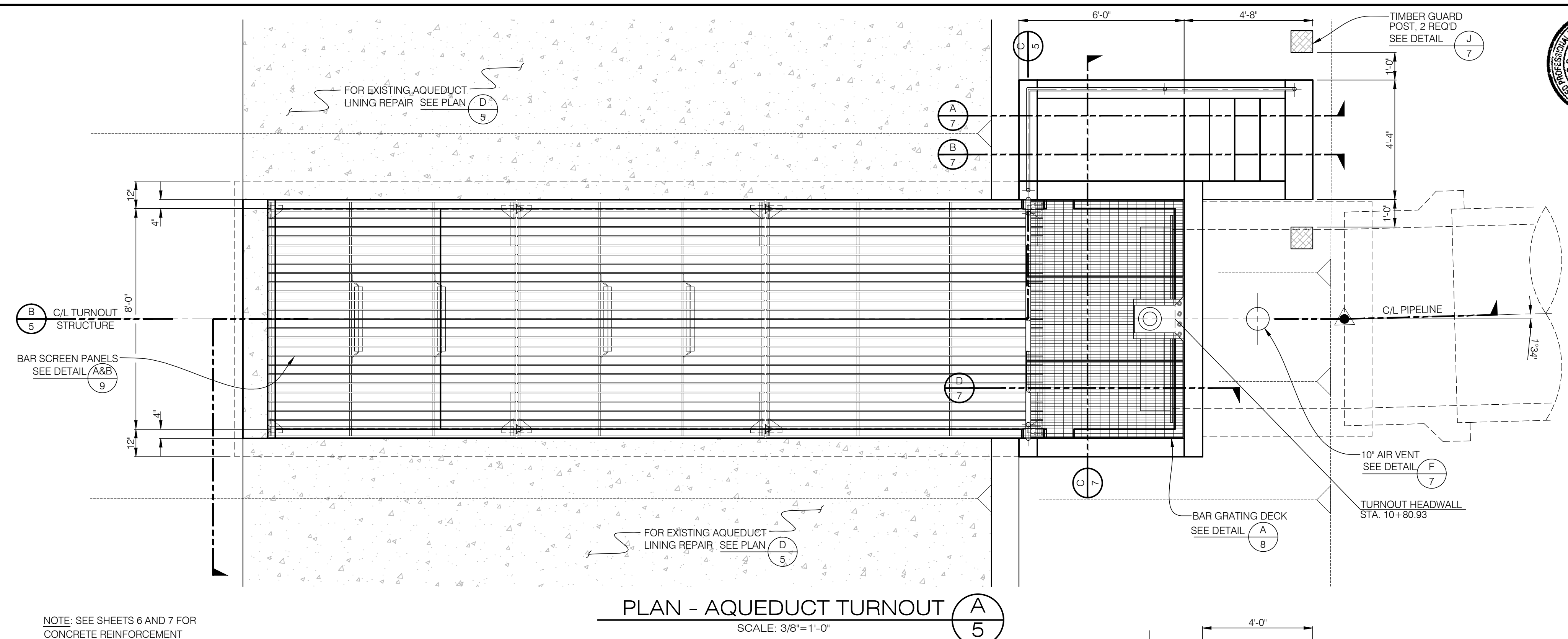
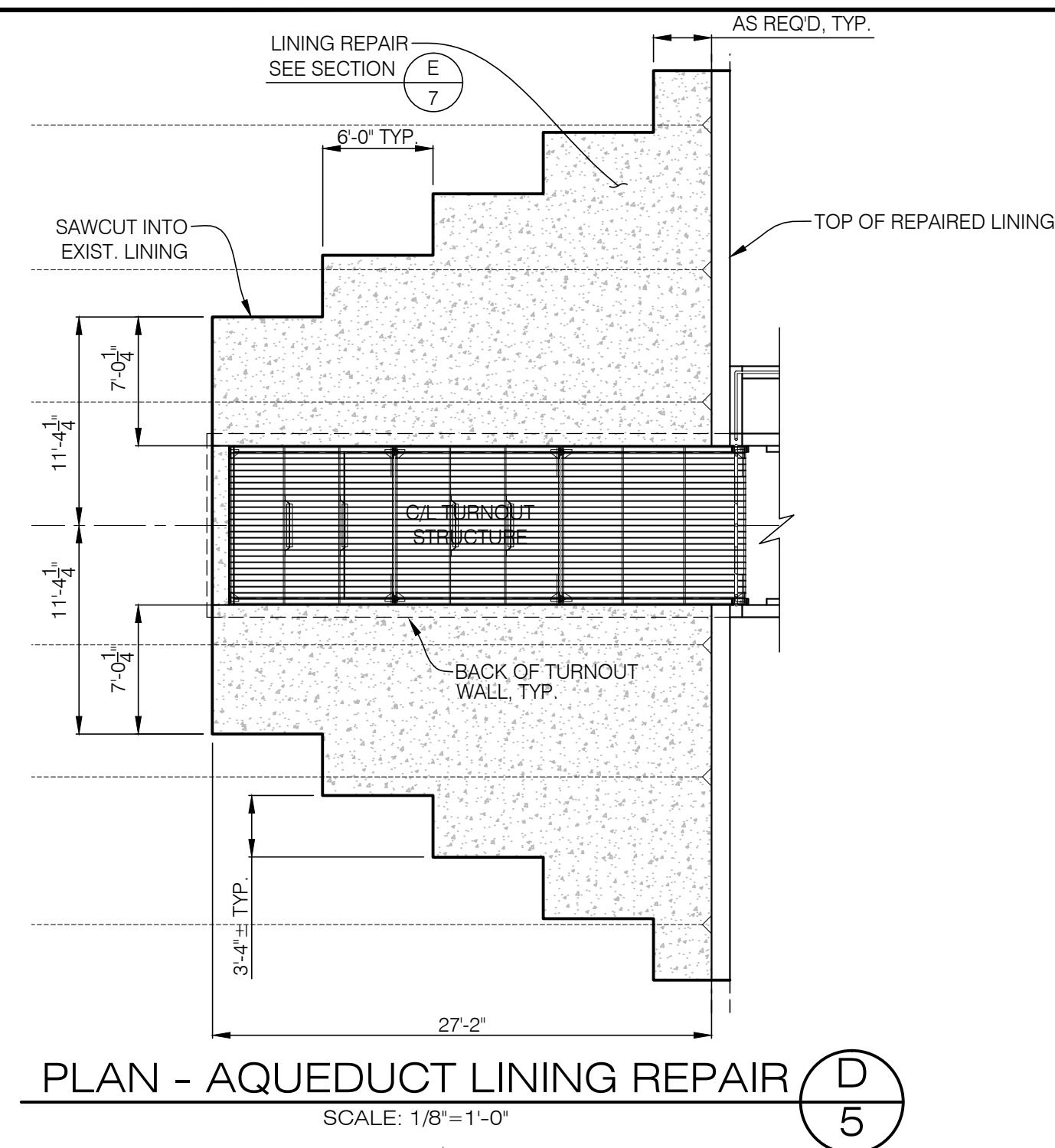
SHEET NO.
2
OF
25



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BUENA VISTA WATER STORAGE DISTRICT
BUENA VISTA TURNOUT #8
PIPELINE LAYOUT

SHEET NO.
4
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25



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BUENA VISTA WATER STORAGE DISTRICT
BUENA VISTA TURNOUT #8
AQUEDUCT TURNOUT STRUCTURE

SHEET NO.
5
OF
25

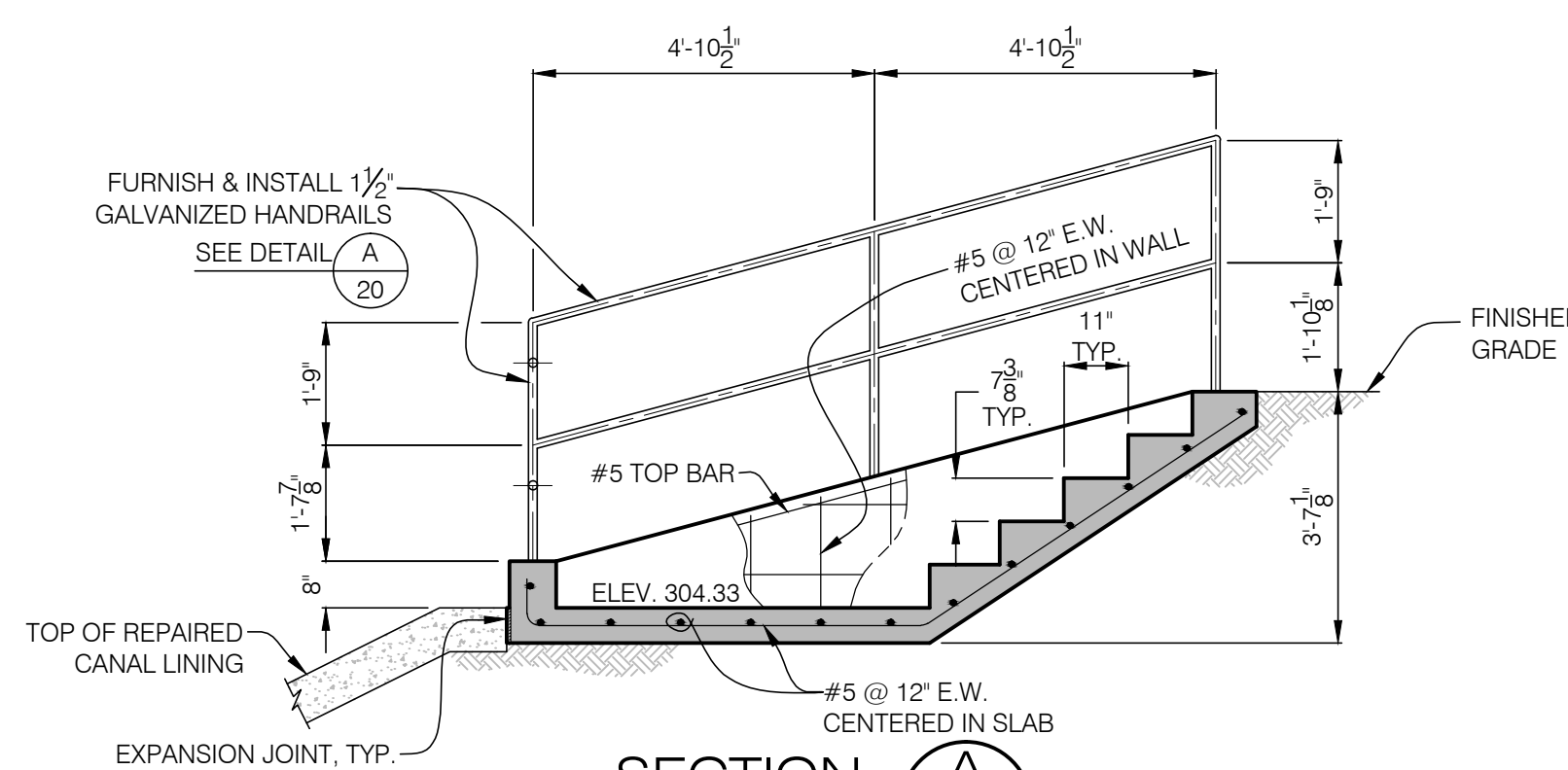


BUENA VISTA WATER STORAGE DISTRICT
BUENA VISTA TURNOUT #8
TURNOUT REINFORCING DETAILS

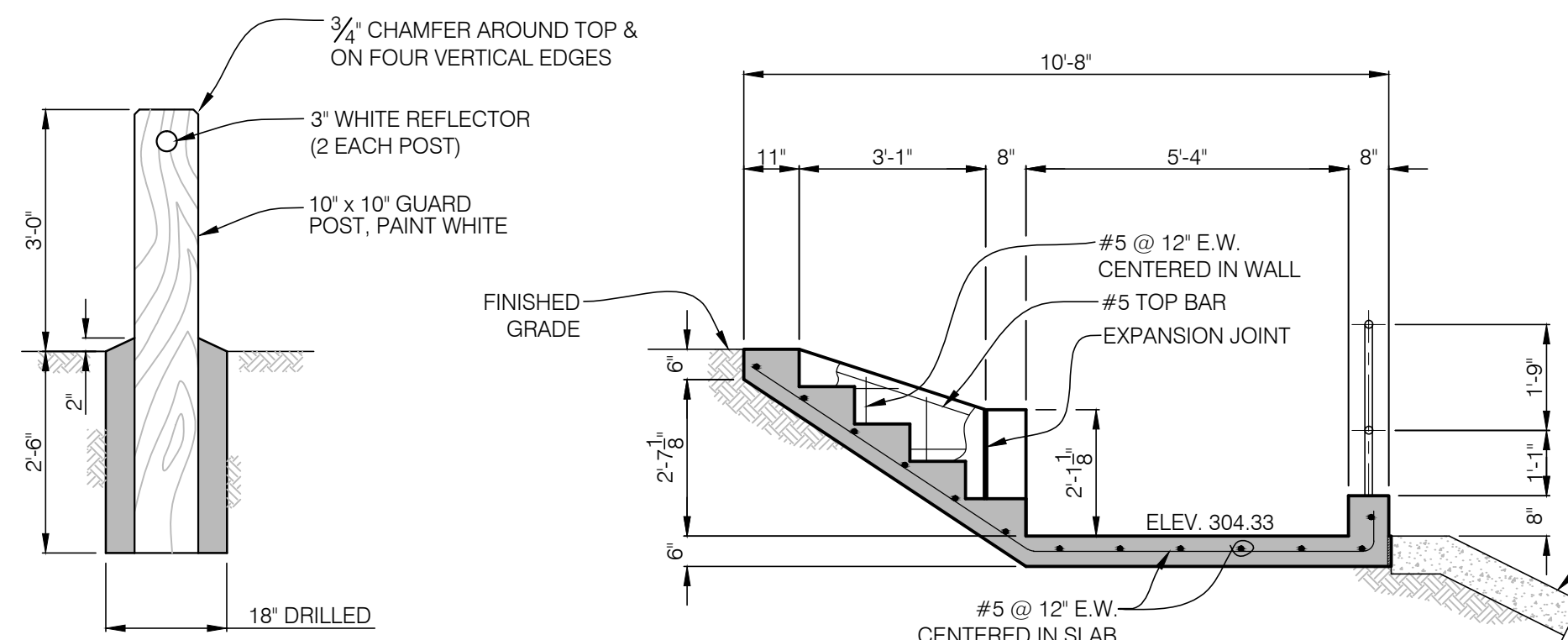
SHEET NO.
6
OF
25



Richard D. Meyer RCE 28104 Date 10-7-11

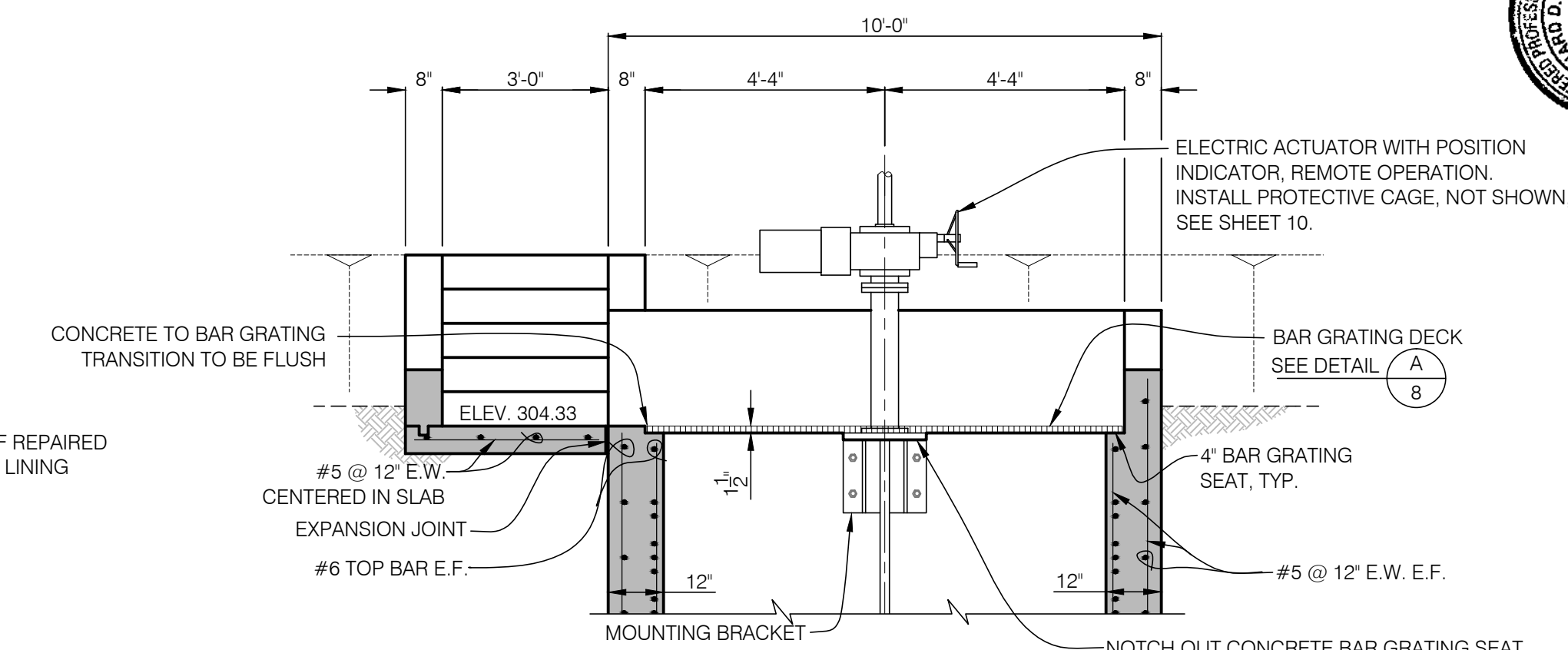


SECTION **A**
SCALE: 3/8"=1'-0"

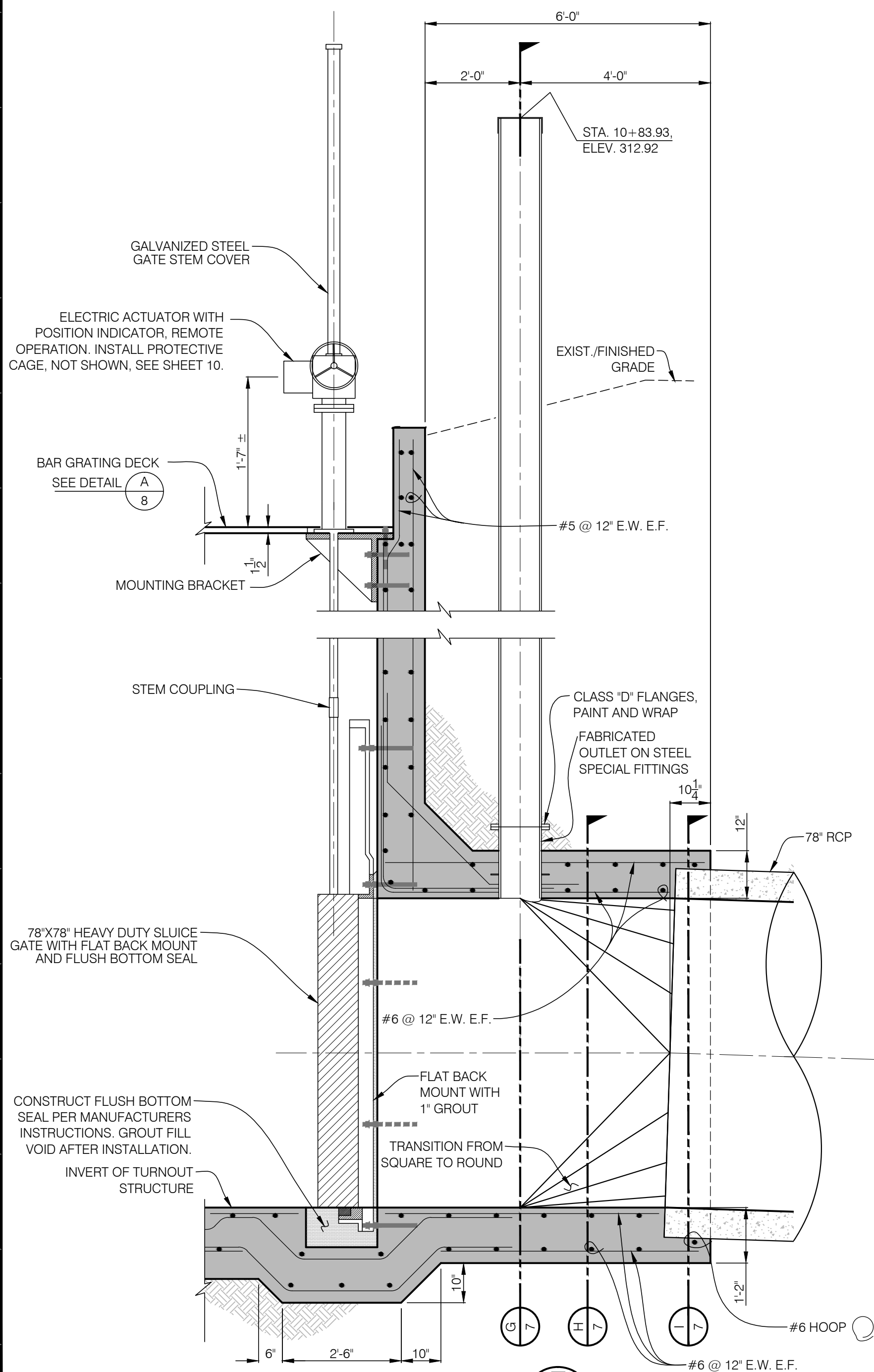


DETAIL- TURNOUT GUARD POST
SCALE: 1/2"=1'-0"

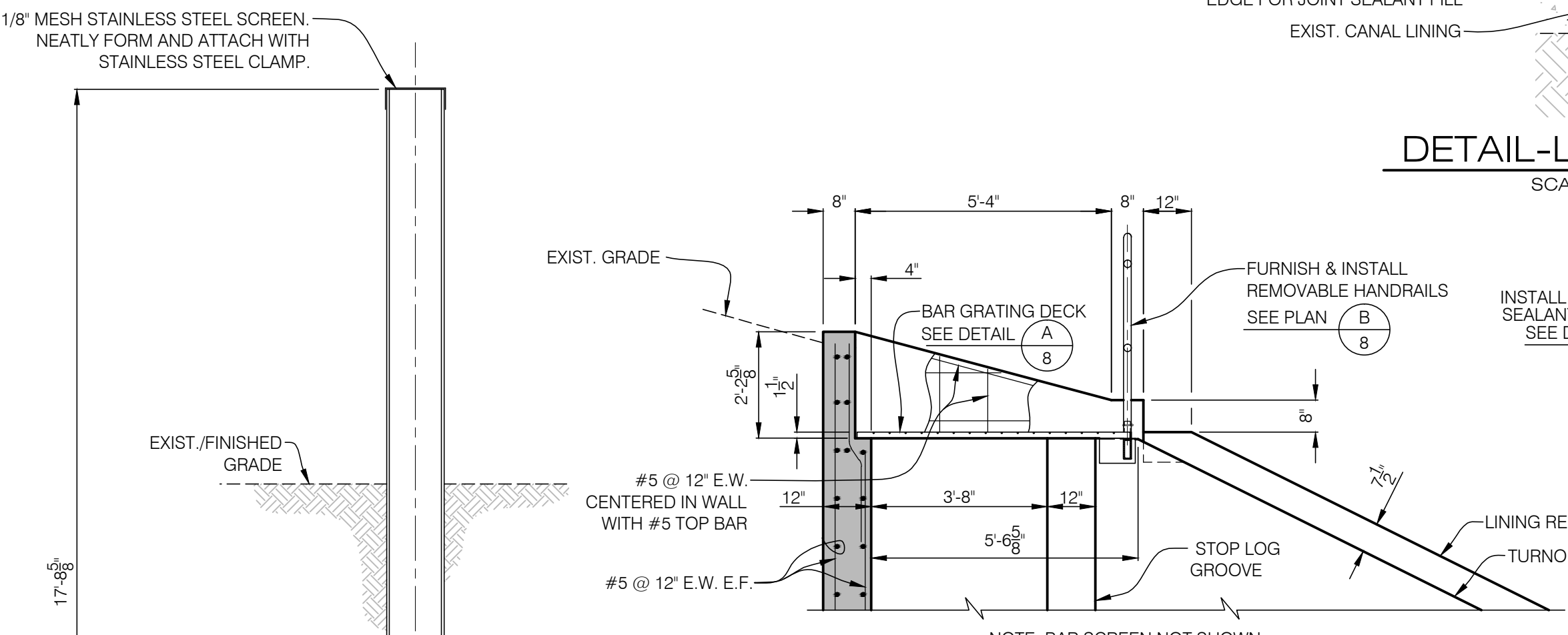
SECTION **B**
SCALE: 3/8"=1'-0"



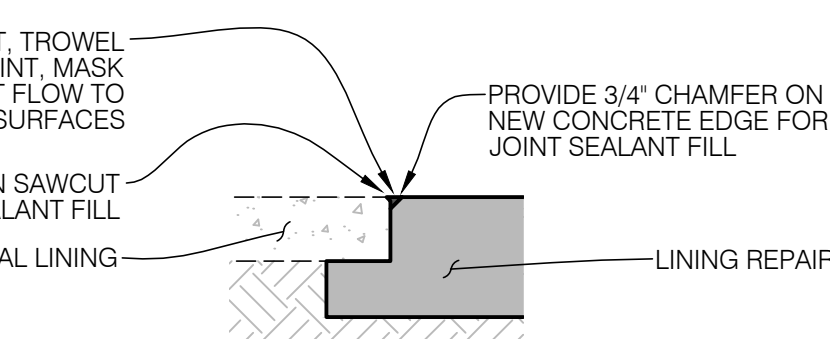
SECTION **C**
SCALE: 3/8"=1'-0"



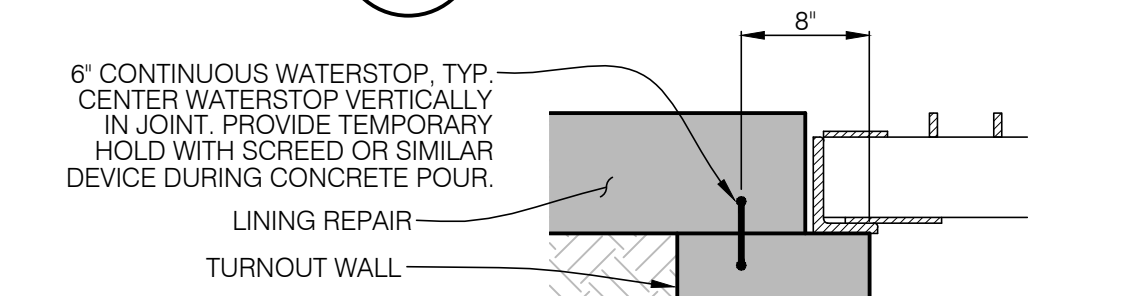
DETAIL **F**
SCALE: 1/2"=1'-0"



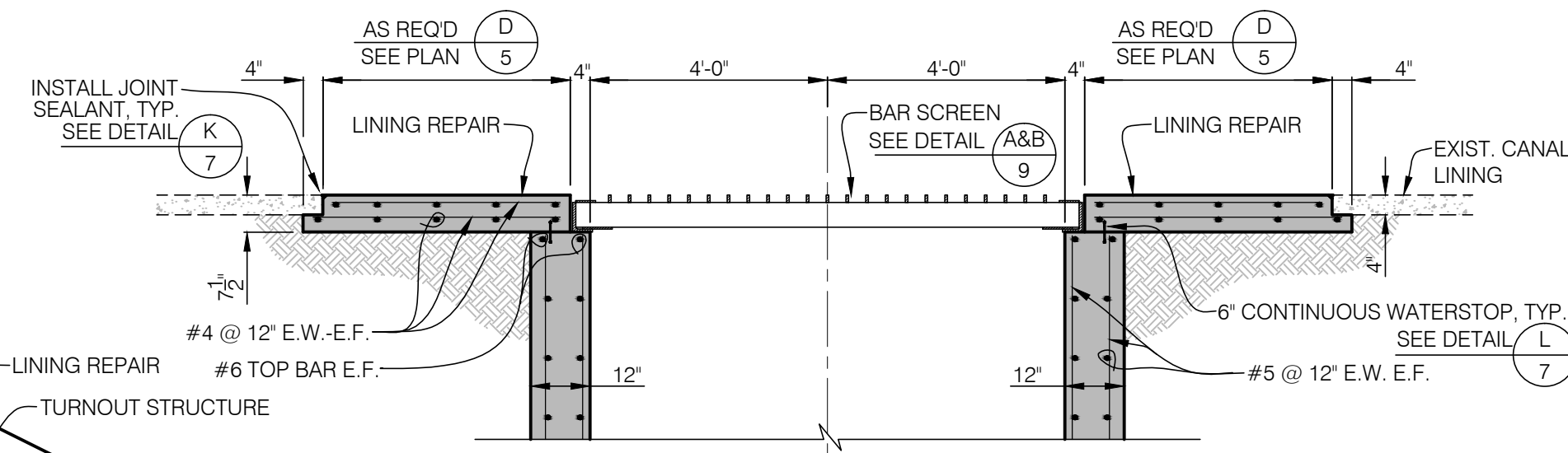
SECTION **D**
SCALE: 3/8"=1'-0"



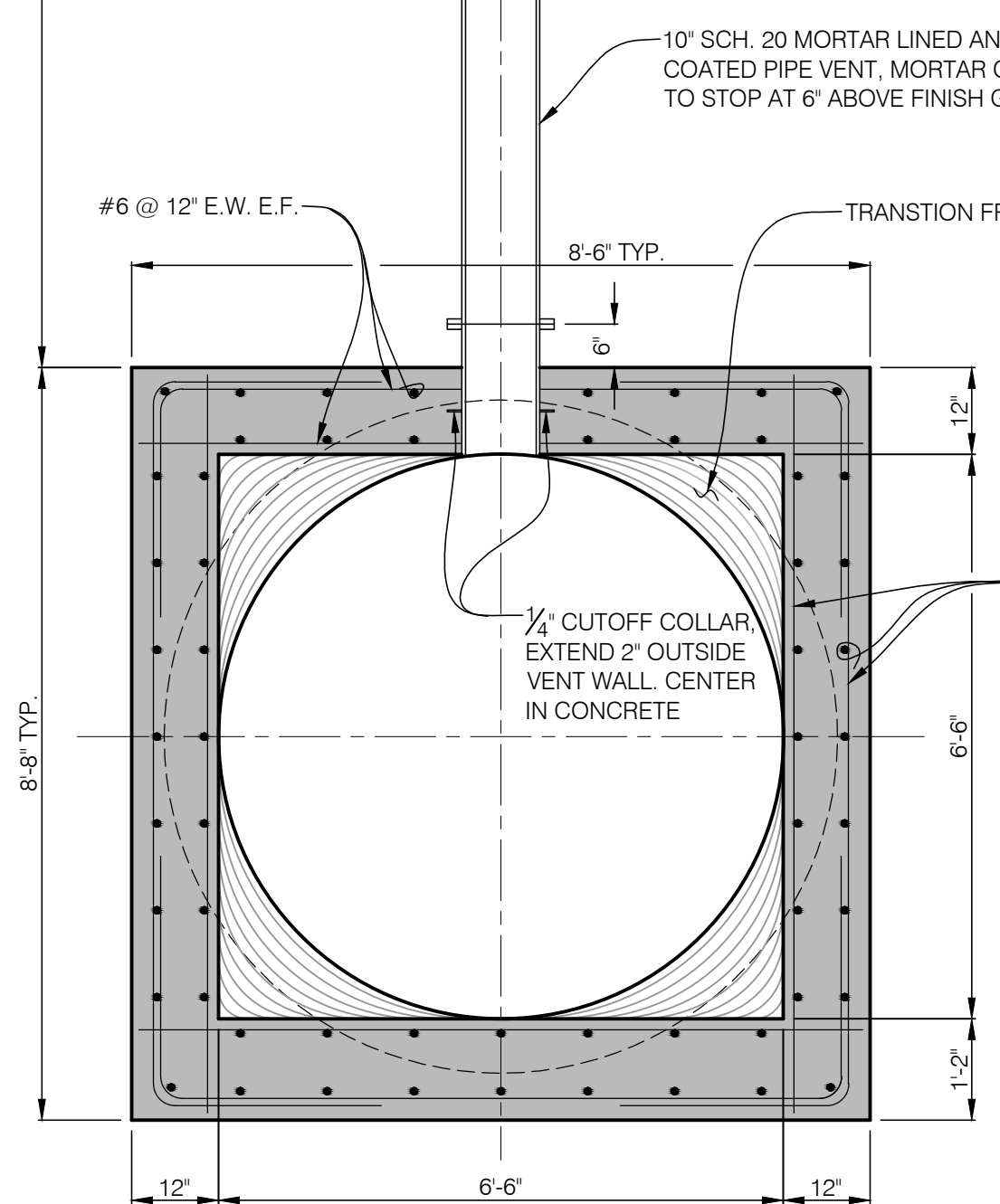
DETAIL-LINING JOINT **K**
SCALE: 1"=1'-0"



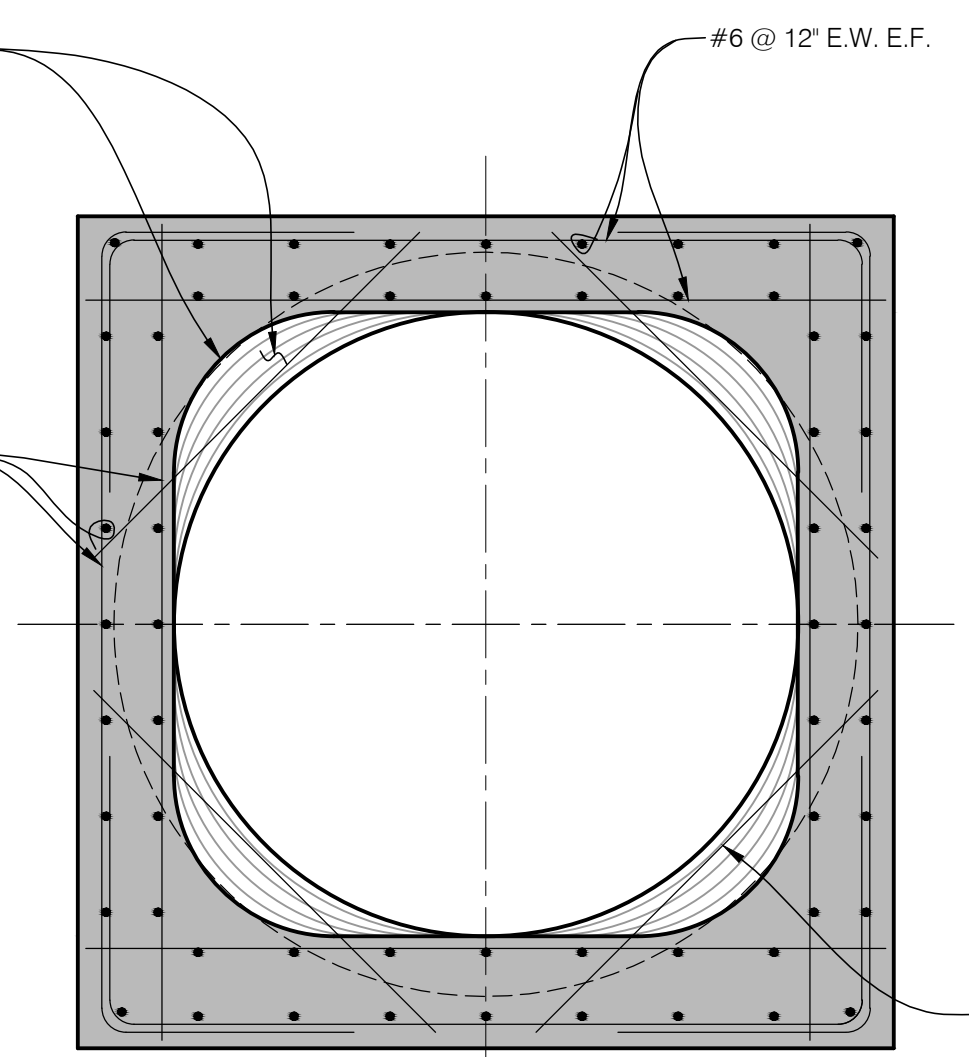
DETAIL-WATERSTOP **L**
SCALE: 1"=1'-0"



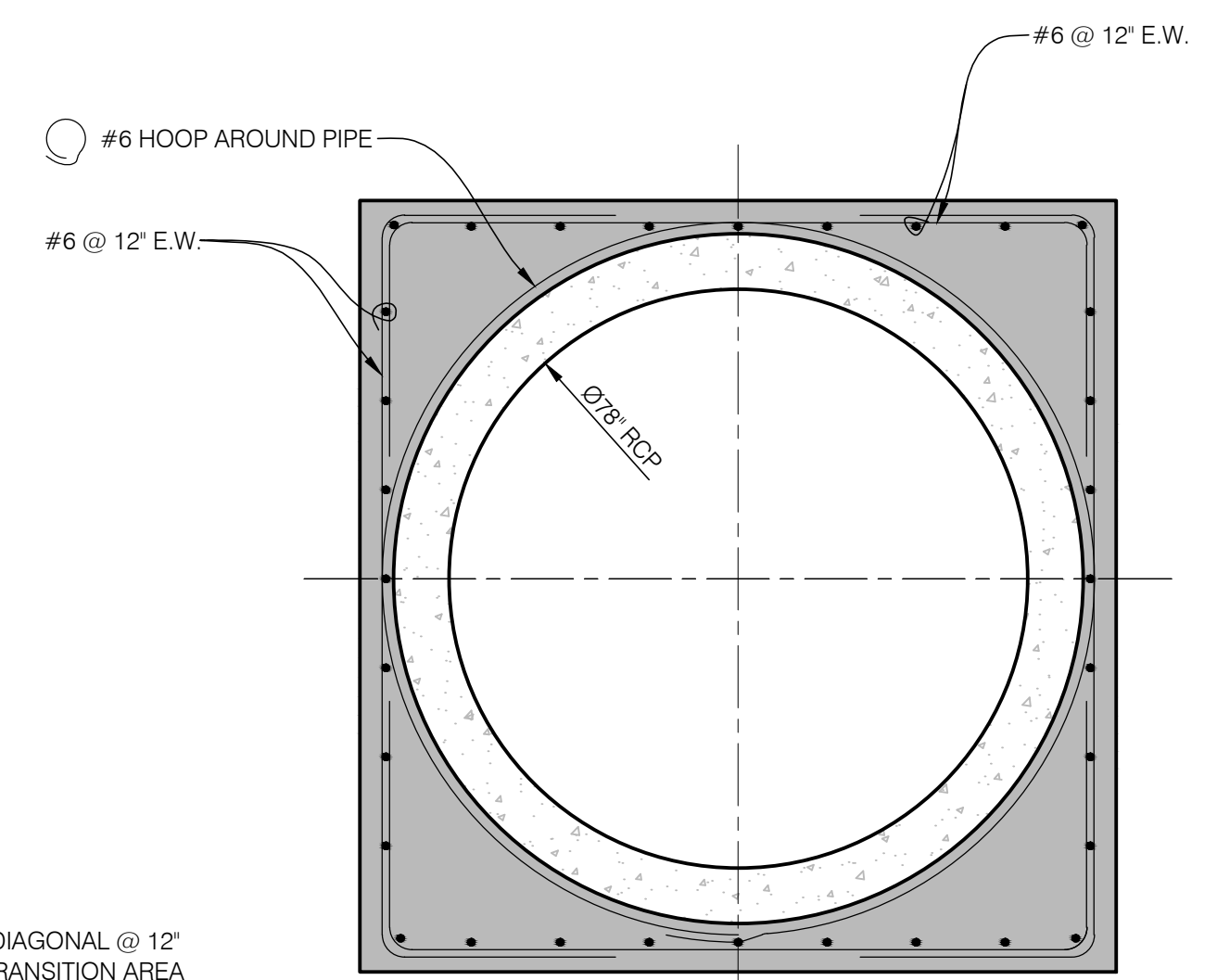
SECTION **E**
SCALE: 3/8"=1'-0"



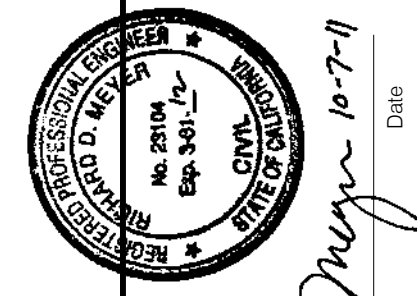
SECTION **G**
SCALE: 1/2"=1'-0"



SECTION **H**
SCALE: 1/2"=1'-0"



SECTION **I**
SCALE: 1/2"=1'-0"



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BUENA VISTA TURNOUT #8
TURNOUT SLUICE GATE & STAIRWELL DETAILS

