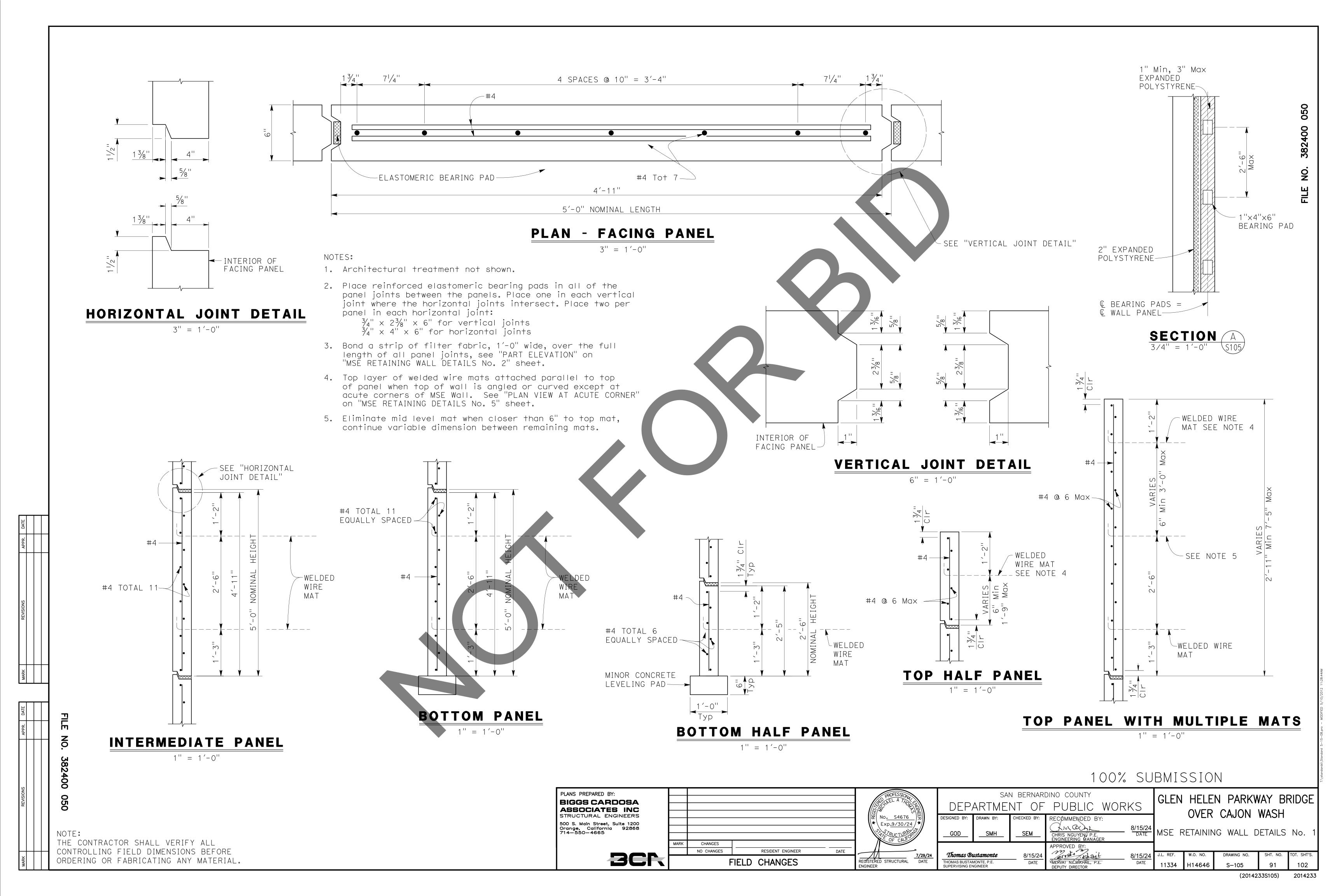
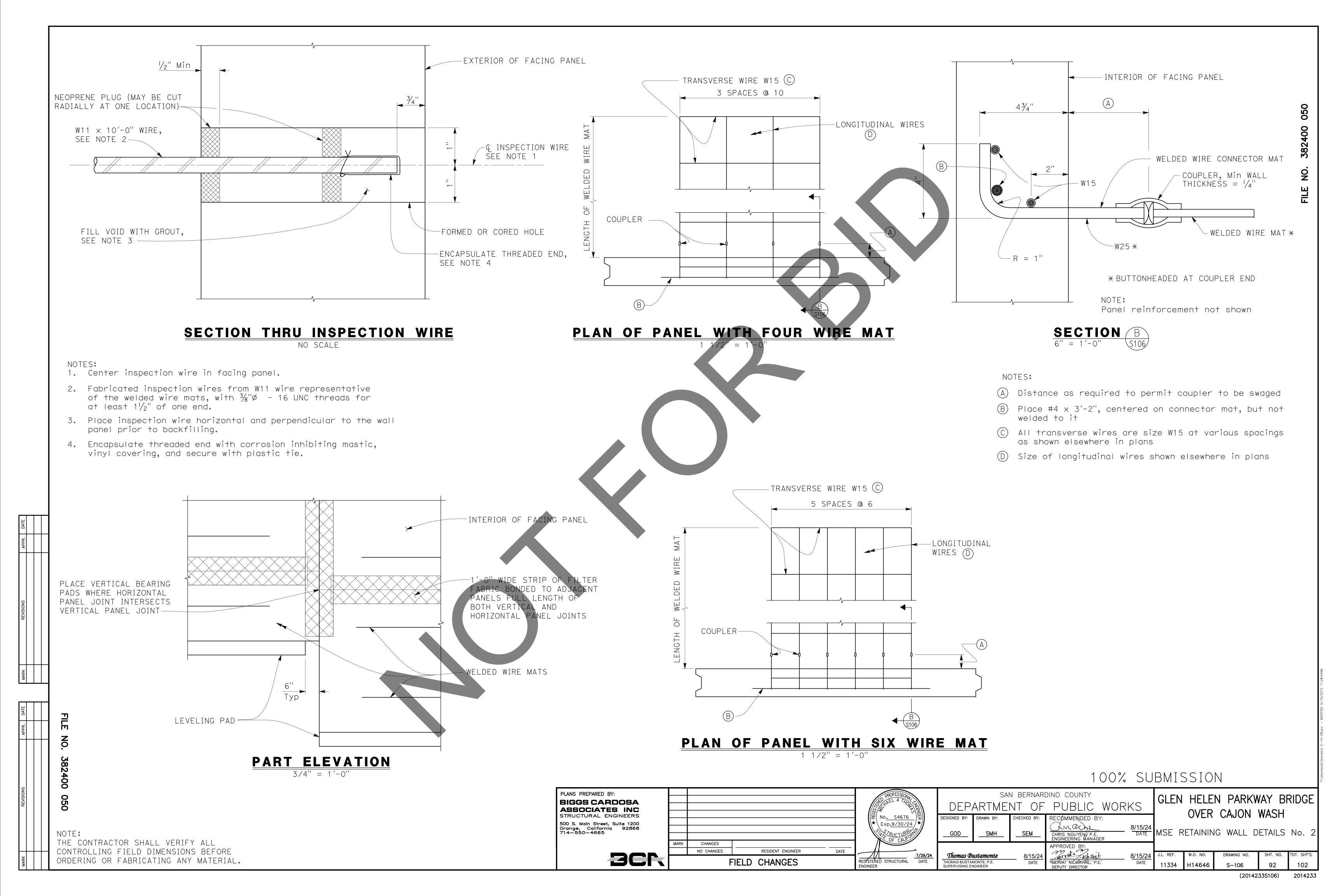
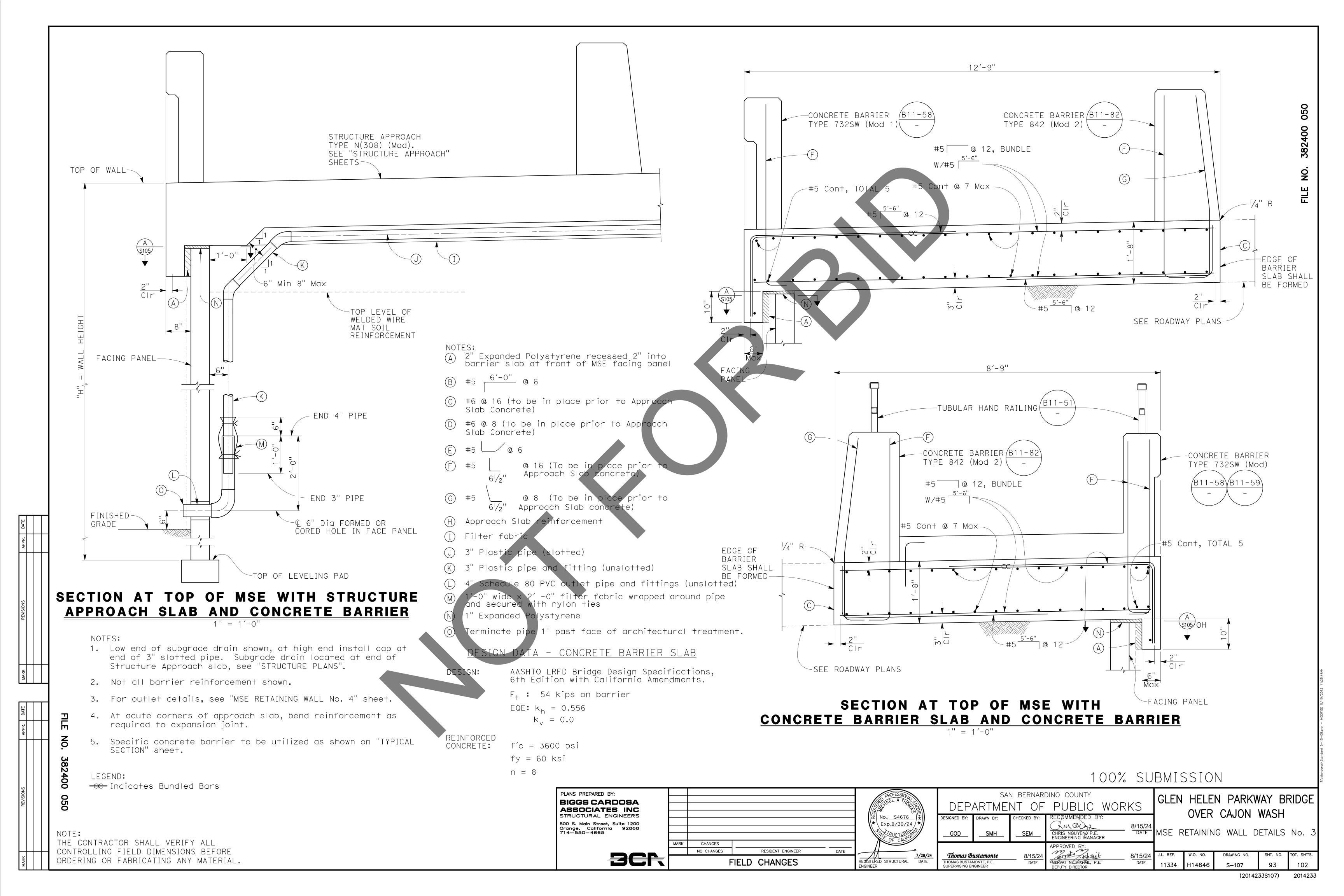
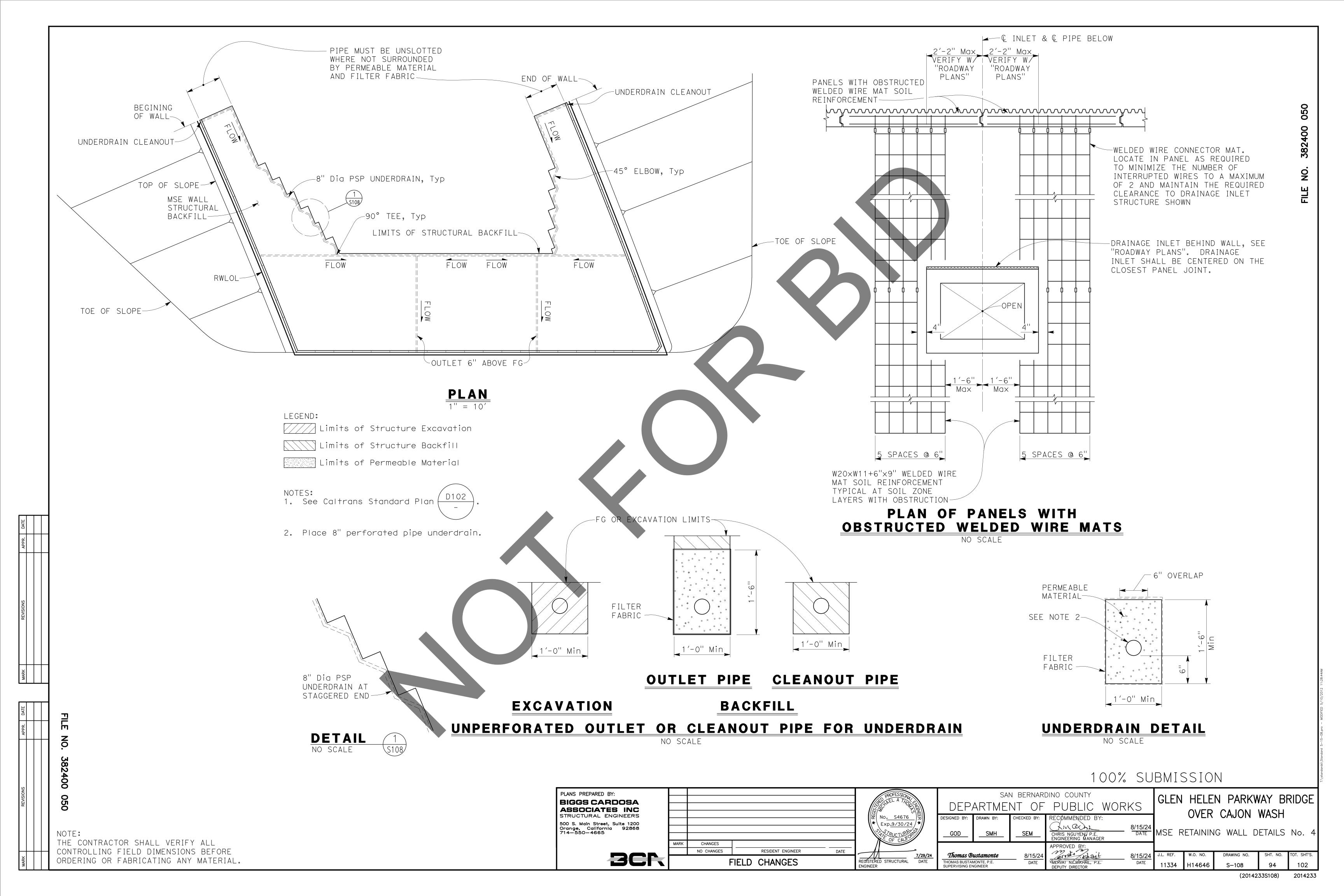


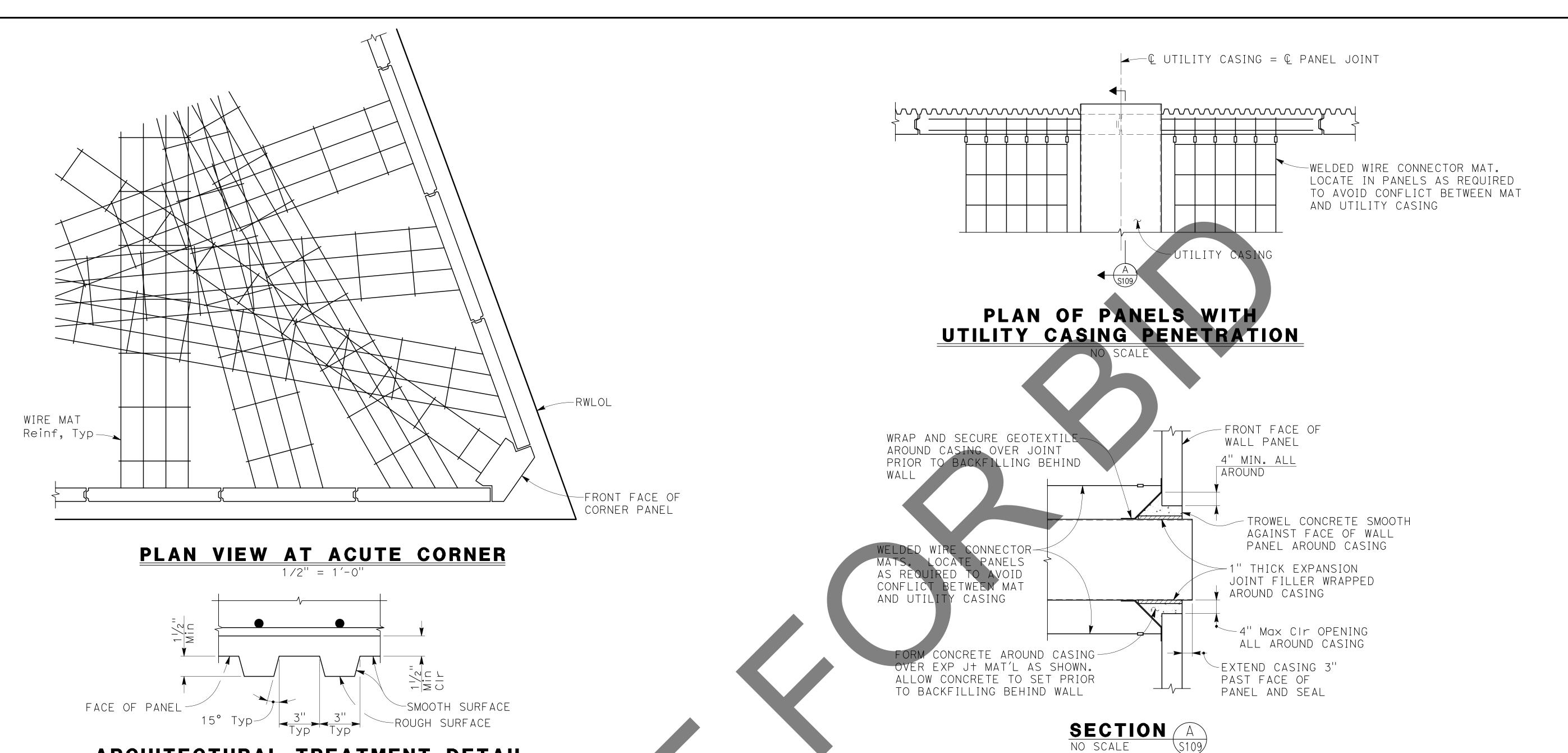
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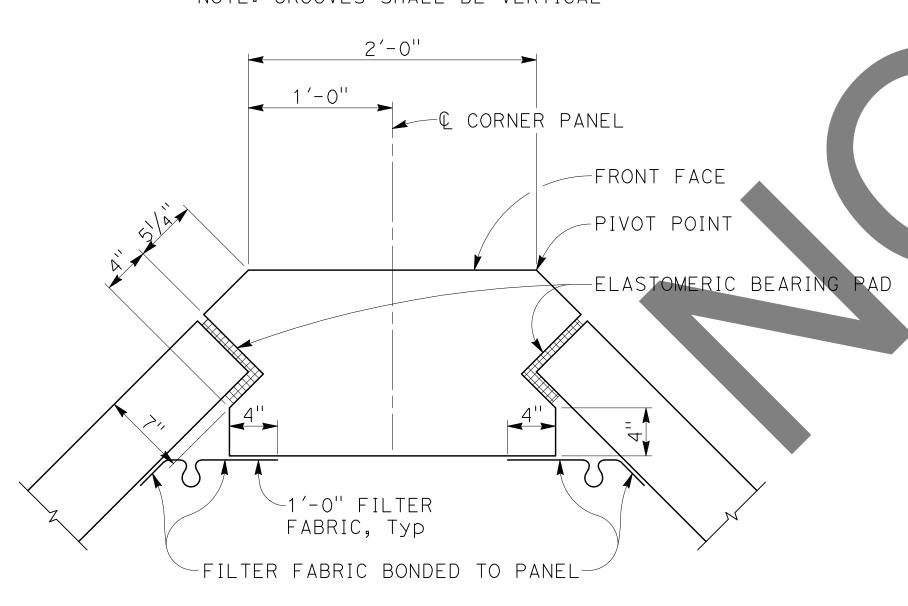






ARCHITECTURAL TREATMENT DETAIL NO SCALE

NOTE: GROOVES SHALL BE VERTICAL



TYPICAL CORNER PANEL DETAIL

1 1/2" = 1'-0"

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

PLANS PREPARED BY: BIGGS CARDOSA ASSOCIATES INC STRUCTURAL ENGINEERS 500 S. Main Street, Suite 1200 Orange, California 92868 714—550—4665 CHANGES NO CHANGES RESIDENT ENGINEER DATE 3CK FIELD CHANGES

본 No. S4676 *\Exp<u>.9/30/24</u>/ REGISTERED STRUCTURAL DATE ENGINEER

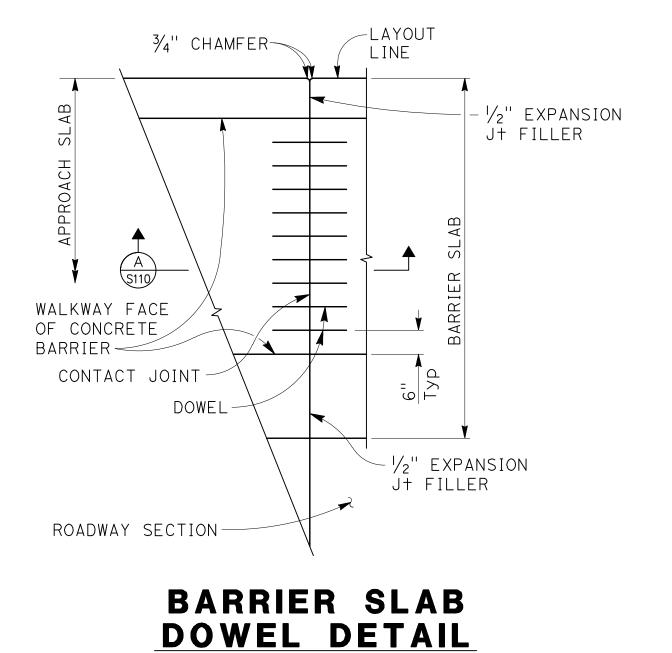
100% SUBMISSION SAN BERNARDINO COUNTY OF PUBLIC WORKS RECØMMENDED BY: CHRIS NGUYEN/ P.E. ENGINEERING MANAGER Thomas Bustamonte 8/15/24 DATE 8/15/24 DATE THOMAS BUSTAMONTE, P.E. SUPERVISING ENGINEER

GLEN HELEN PARKWAY BRIDGE OVER CAJON WASH

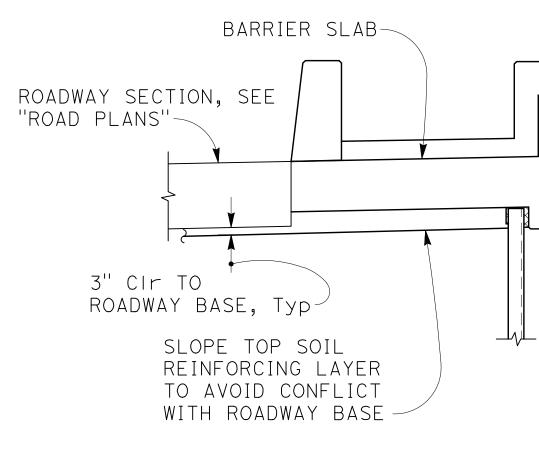
8/15/24 MSE RETAINING WALL DETAILS No. 5

11334 H14646

(2014233S109) 2014233

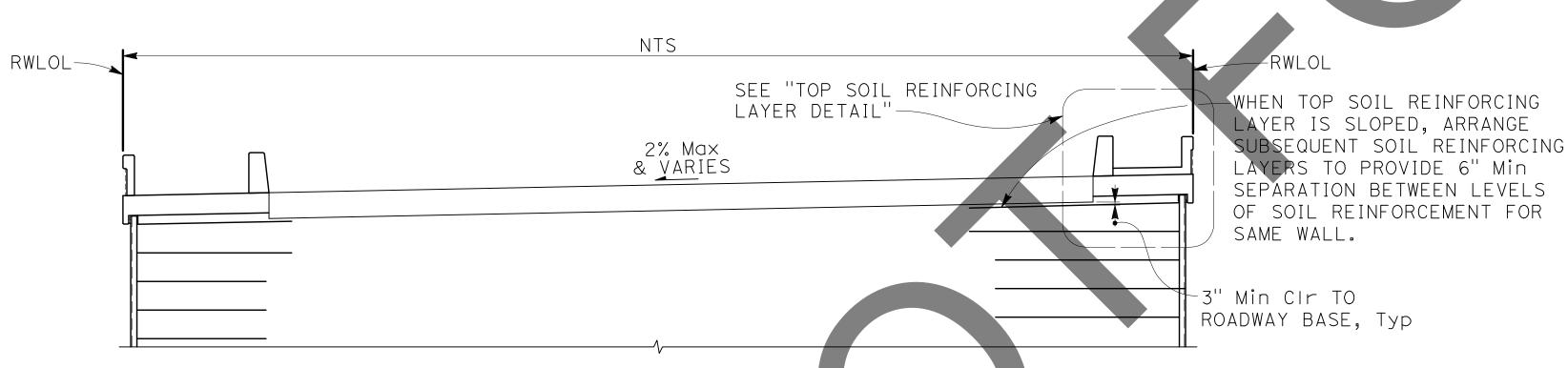


NO SCALE



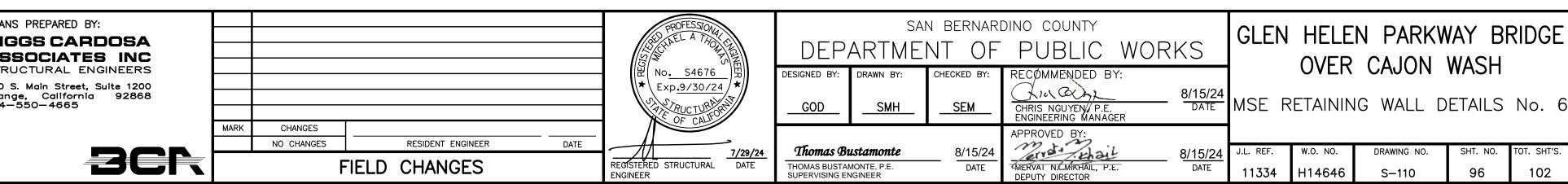
DOWEL, 3/4" Dia EPOXY COATED SMOO BAR, TOTAL 9 PER IER SLAB LLY SPACED SECTION A NO SCALE

TOP SOIL REINFORCING **LAYER DETAIL** NO SCALE



BACK TO BACK WALL SOIL REINFORCING DETAIL

100% SUBMISSION SAN BERNARDINO COUNTY



NOTES:

1. Concrete barrier, barrier slab and approach

barrier at low side of roadway only.

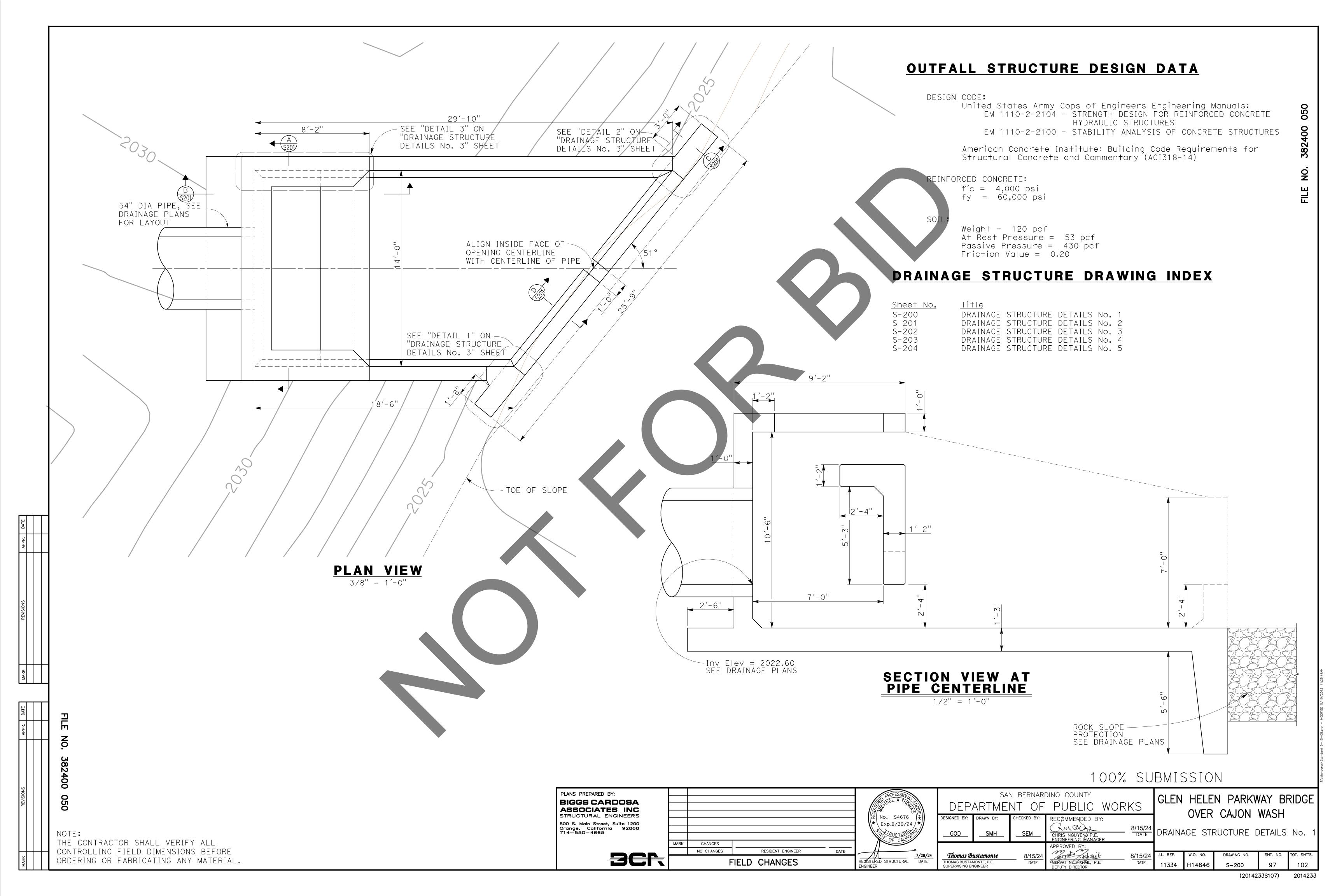
2. Provide ½" open joint in concrete barrier at location of contact joint between approach slab and barrier slab. Provide Type AL Seal (see Std. Plan B6-21) in ½" open joint at traffic face of concrete barrier at bottom 6" of

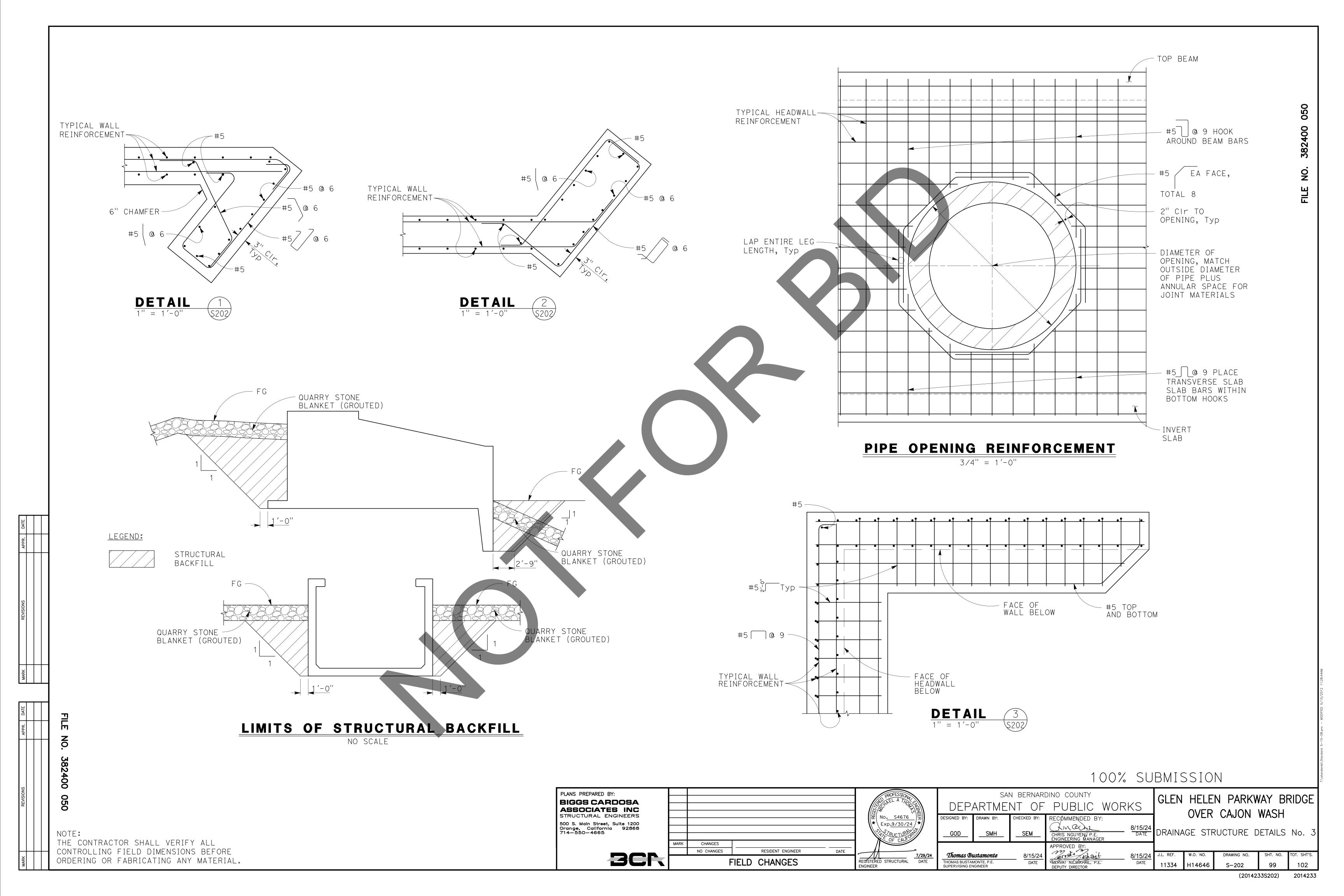
slab reinforcement not shown.

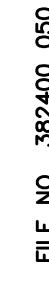
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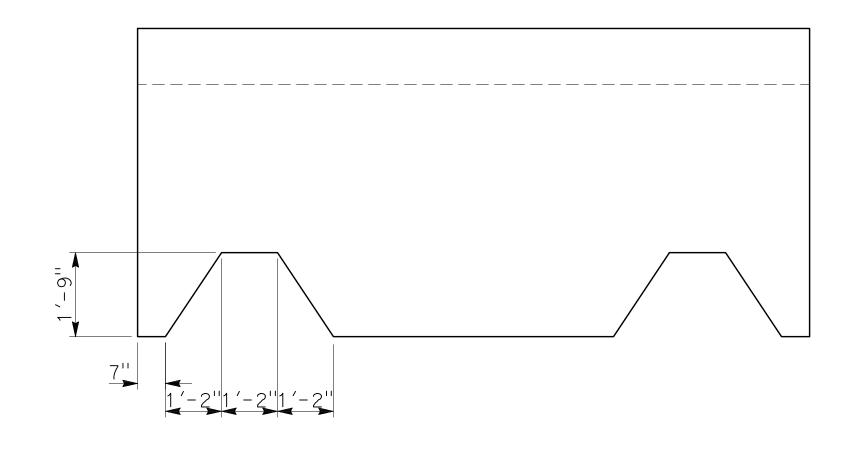
THE CONTRACTOR SHALL VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL.

PLANS PREPARED BY: BIGGS CARDOSA ASSOCIATES INC STRUCTURAL ENGINEERS 500 S. Main Street, Suite 1200 Orange, California 92868 714—550—4665



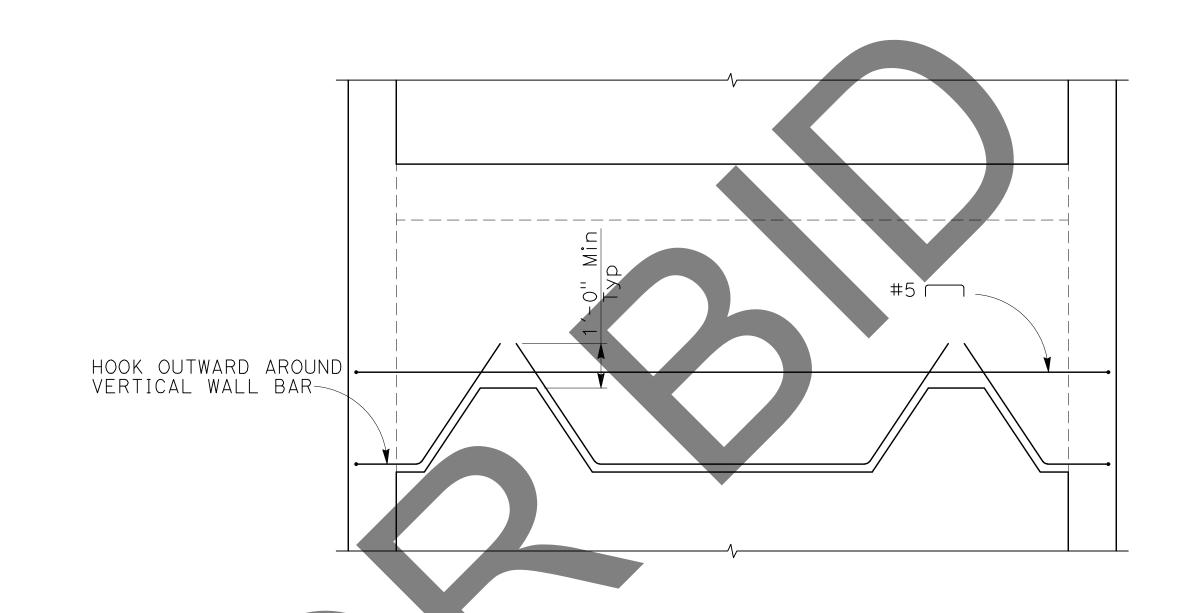






DISSIPATER LAYOUT

1/2" = 1'-0"



DISSIPATER ELEVATION

1/2" = 1'-0"

BOTTOM OF — CHAMFER " CIr to face

ARMOR PLATE DETAIL 1/2" = 1'-0"

100% SUBMISSION

PLANS PREPARED BY:	
BIGGS CARDOSA ASSOCIATES INC	
STRUCTURAL ENGINEERS	
500 S. Main Street, Suite 1200 Orange, California 92868 714—550—4665	
	M

RK	CHANGES NO CHANGES	RESIDENT ENGINEER	DATE	No. S4676 Exp.9/30/24 ATEUCTURE OF CAME
	F	TELD CHANGES		REGISTERED STRUCTURAL ENGINEER

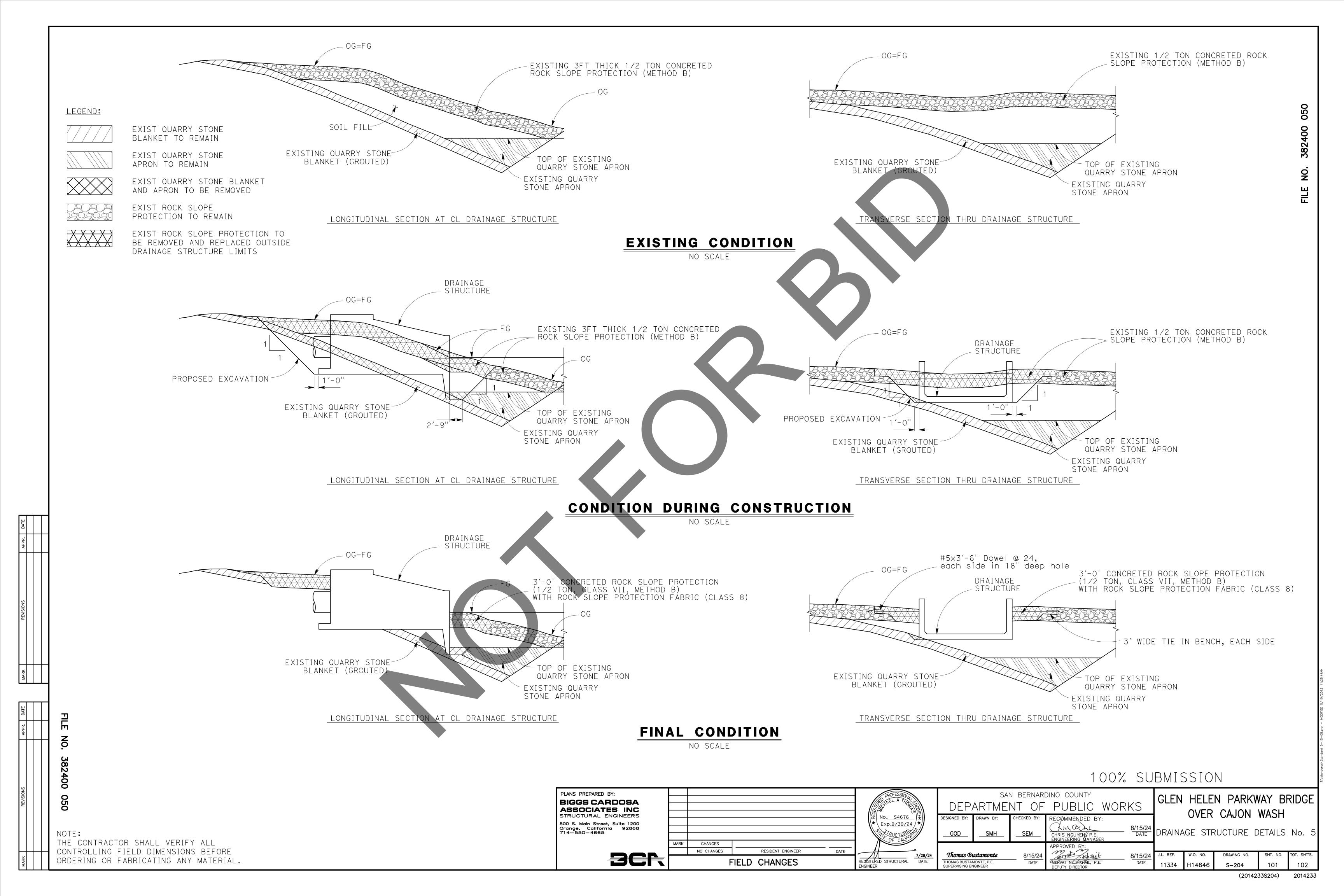
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No. \$4676 Exp.9/30/24 * * * * * * * * * * * * *	DESIGNED BY:	DRAWN BY: SMH	CHECKED BY:	RECOMMENDED BY CHRIS NGUYEN/ P.E. ENGINEERING MANAG	8/15/2 DATE
7/29/24 D STRUCTURAL DATE	Thomas Bo THOMAS BUSTAI SUPERVISING EN	MONTE, P.E.	8/15/24 DATE	APPROVED BY: WERVAI N. MIKHAIL, P.I. DEPUTY DIRECTOR	8/15/2 E. DATE

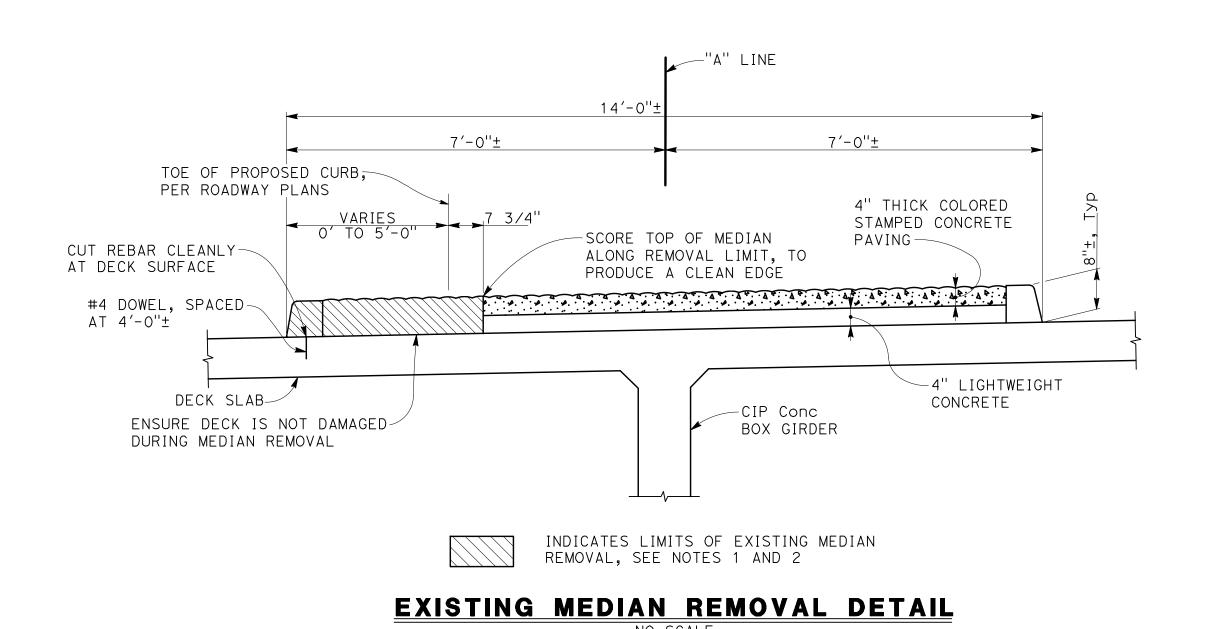
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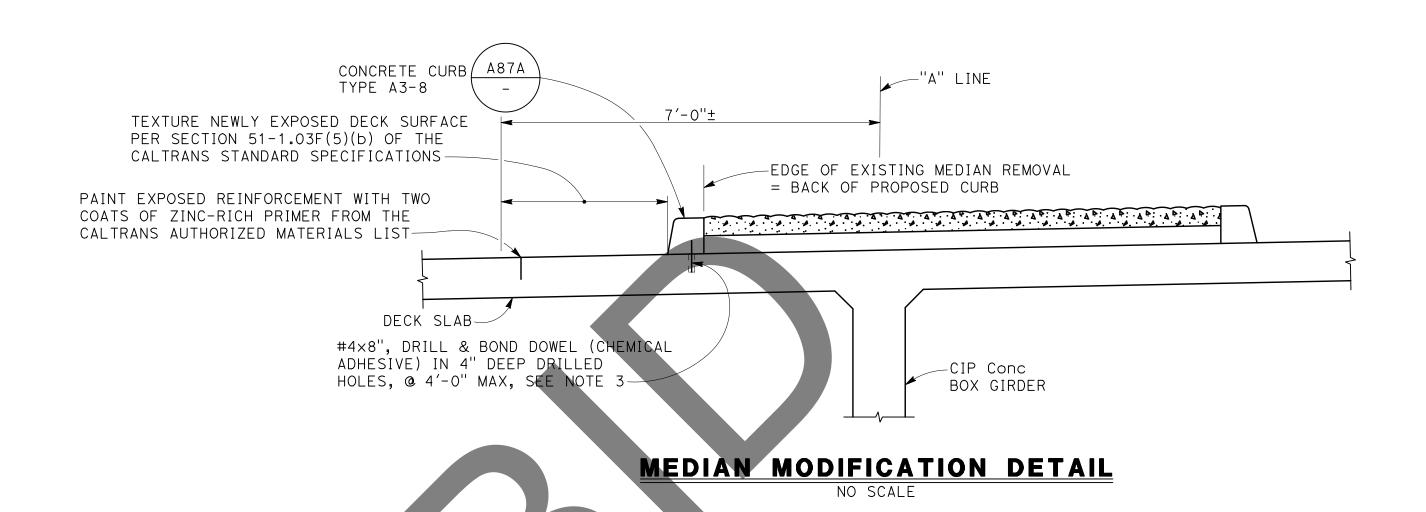
DRAINAGE STRUCTURE DETAILS No. 4 11334 H14646

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

(2014233S203) 2014233

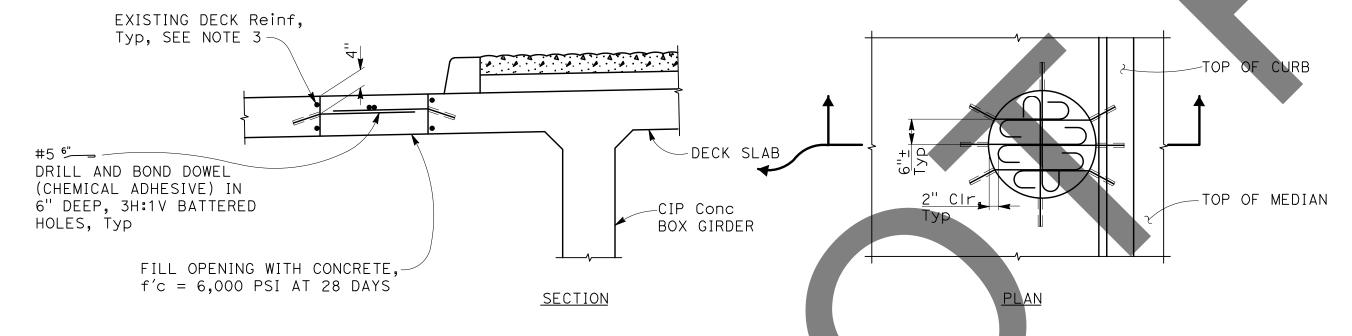






NOTES:

- 1. Existing median removal includes removal of the manhole frame and cover near station 35+14.00
- 2. Take care to protect existing joint seal assembly during existing median removal.
- 3. Ensure drilling does not damage bridge reinforcement. If reinforcement is encountered during drilling, stop drilling immediately and fill the partial hole with 4,000 psi 28-day strength non-shrink grout from the Caltrans Authorized Materials list.
- 4. All Drill and Bond dowels must be grade 60 Stainless Steel rebar conforming to ASTM A995.



INFILL OF MANHOLE OPENING NEAR Sta. 35+14.00

100% SUBMISSION

366		F	FIELD CHANGES	
		NO CHANGES	RESIDENT ENGINEER	DATE
	MARK	CHANGES		
500 S. Main Street, Suite 1200 Orange, California 92868 714—550—4665				
BIGGS CARDOSA ASSOCIATES INC STRUCTURAL ENGINEERS				
PLANS PREPARED BY:				

	PROFESSIONAL A THOMAS OF CALLO OF CALLO	
	REGISTERED STRUCTURAL DATE ENGINEER	

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	SAN BERNARDINO COUNTY								
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	DESIGNED BY:	DRAWN BY:	CHECKED BY:	RECOMMENDED B	Y:				
	GOD	SMH	SEM	CHRIS NGUYEN/ P.E. ENGINEERING MANAG	-	8/15/24 DATE			
	Thomas D		0/45/04	APPROVED BY:	,	0/45/04			
<u>24 </u>	Thomas BO THOMAS BUSTAI SUPERVISING EN	MONTE, P.E.	8/15/24 DATE	MERVAT N. MIKHAIL, P. DEPUTY DIRECTOR		8/15/24 DATE			

GLEN HELEN PARKWAY GRADE SEPERATION

MODIFICATION DETAILS FROM 500' SOUTHWEST OF UPRR CROSSING TO CAJON BOULEVARD 11334 H14646 S-300

(2014233S205) 2014233

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

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