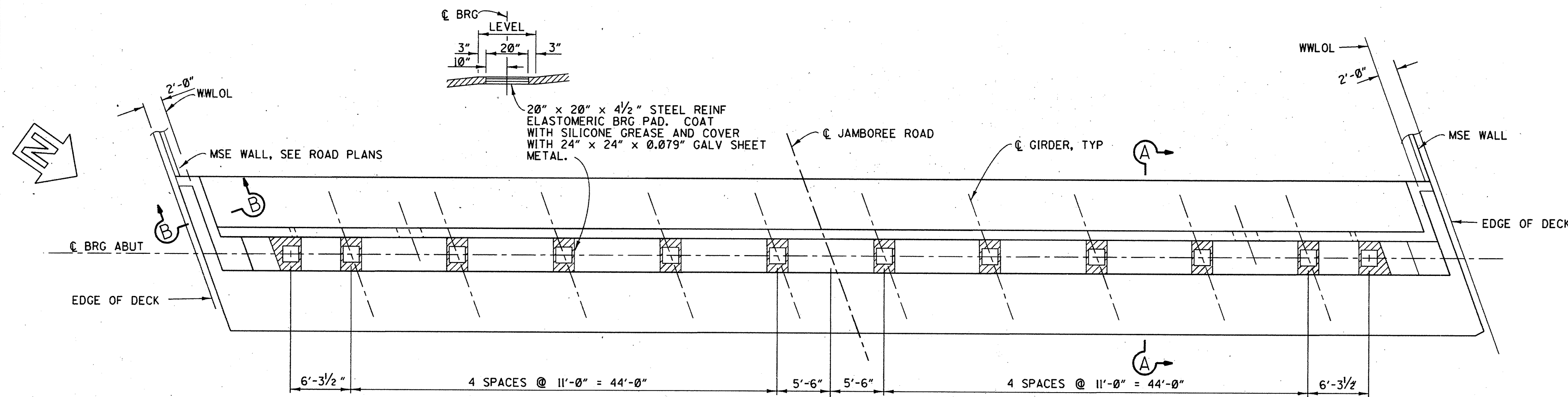
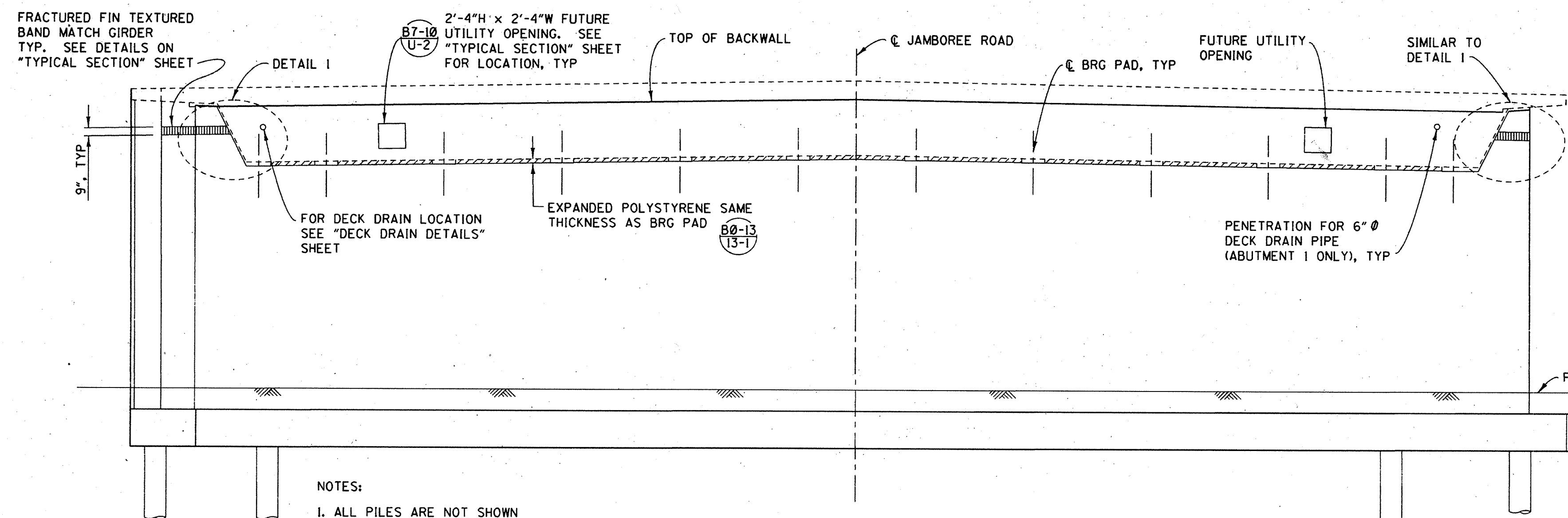




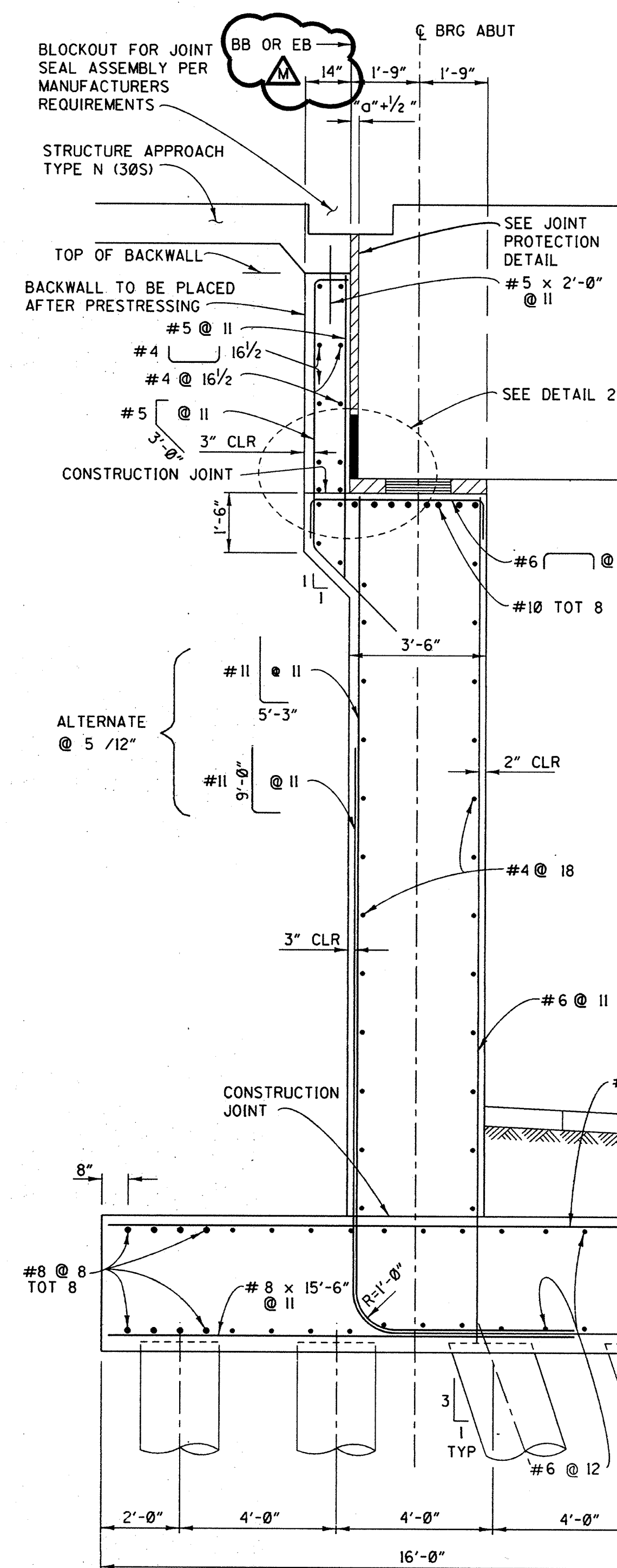
PLAN
(ABUTMENT 1 SHOWN, ABUTMENT 4 SIMILAR)
1/8" = 1'-0"

NOTE: MSE WALL FOOTING NOT SHOWN.

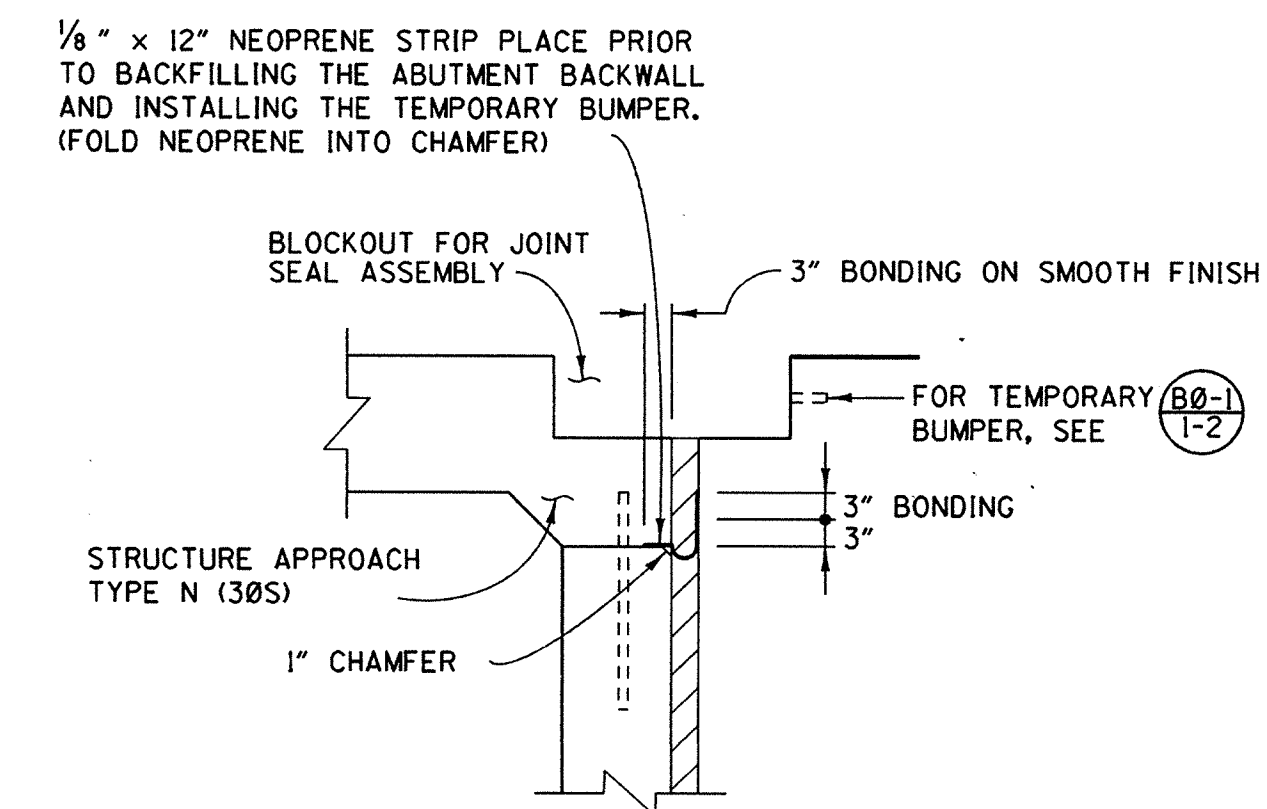


- NOTES:
1. ALL PILES ARE NOT SHOWN
 2. CONCRETE BARRIERS ARE NOT SHOWN

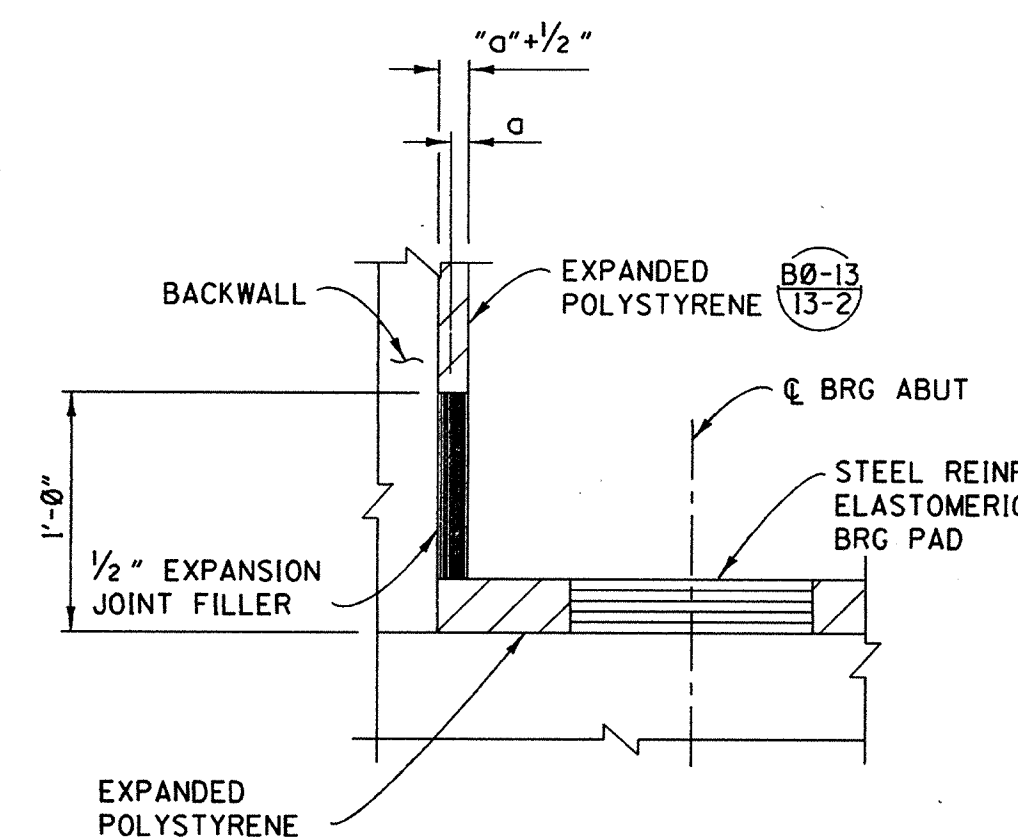
ELEVATION
(ABUTMENT 1 SHOWN, ABUTMENT 4 SIMILAR)
1/8" = 1'-0"



SECTION A-A
3/8" = 1'-0"



JOINT PROTECTION DETAIL
NO SCALE



DETAIL 2
NO SCALE

* 1" SEPARATION BETWEEN STEEL PILE AND FOOTING REINFORCEMENT TO BE MAINTAINED WITH NON-CONDUCTIVE MATERIAL.

NOTES:

1. FOR "a" DIMENSION AND MOVEMENT RATING (MR), SEE "JOINT SEAL ASSEMBLY" SHEET.
2. FOR DETAIL 1, AND SECTION B-B, SEE "ABUTMENT DETAILS No. 2" SHEET.
3. FOR PILE DETAILS SEE "ABUTMENT DETAILS No. 2" SHEET

URS GREINER, INC.
1241 EAST DYER ROAD, SUITE 250
SANTA ANA, CALIFORNIA 92705-5605

		Revision per Bulletins #2 and #3	
MARK	DATE	DESCRIPTION	
REVISIONS			
PREPARED UNDER RESPONSIBLE CHARGE OF:			
		DESIGNED J.W.	SHEET
		DRAWN A. GOMEZ	100
SCALE AS SHOWN	DATE 6-97	CHECKED G.L.R.	DRAWING NO.
		DATE 5-97	OF 130

ORANGE COUNTY
ENVIRONMENTAL MANAGEMENT AGENCY

JAMBOREE ROAD
GRADE SEPARATION AT
EDINGER AVENUE

ABUTMENT DETAILS No. 1