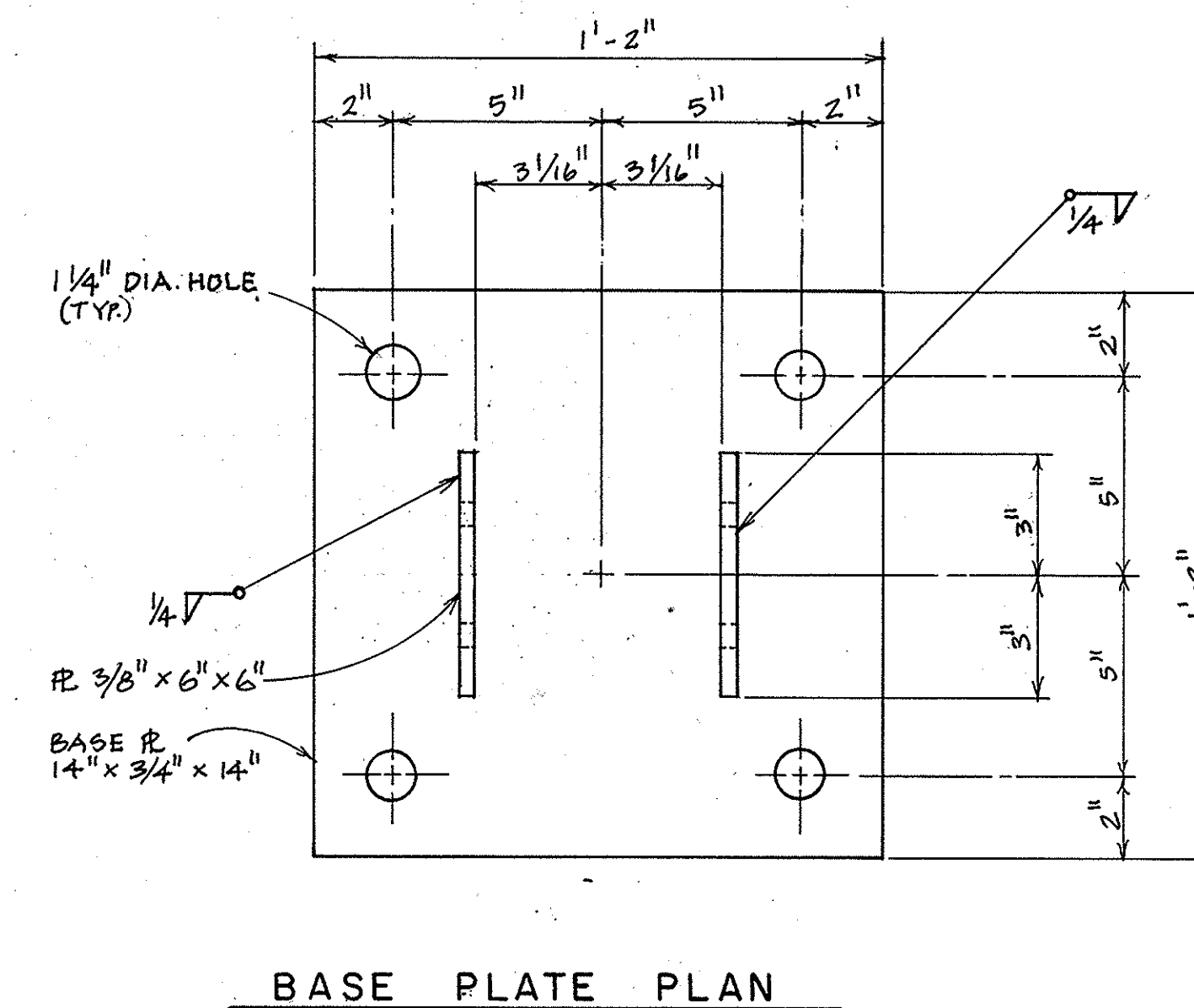
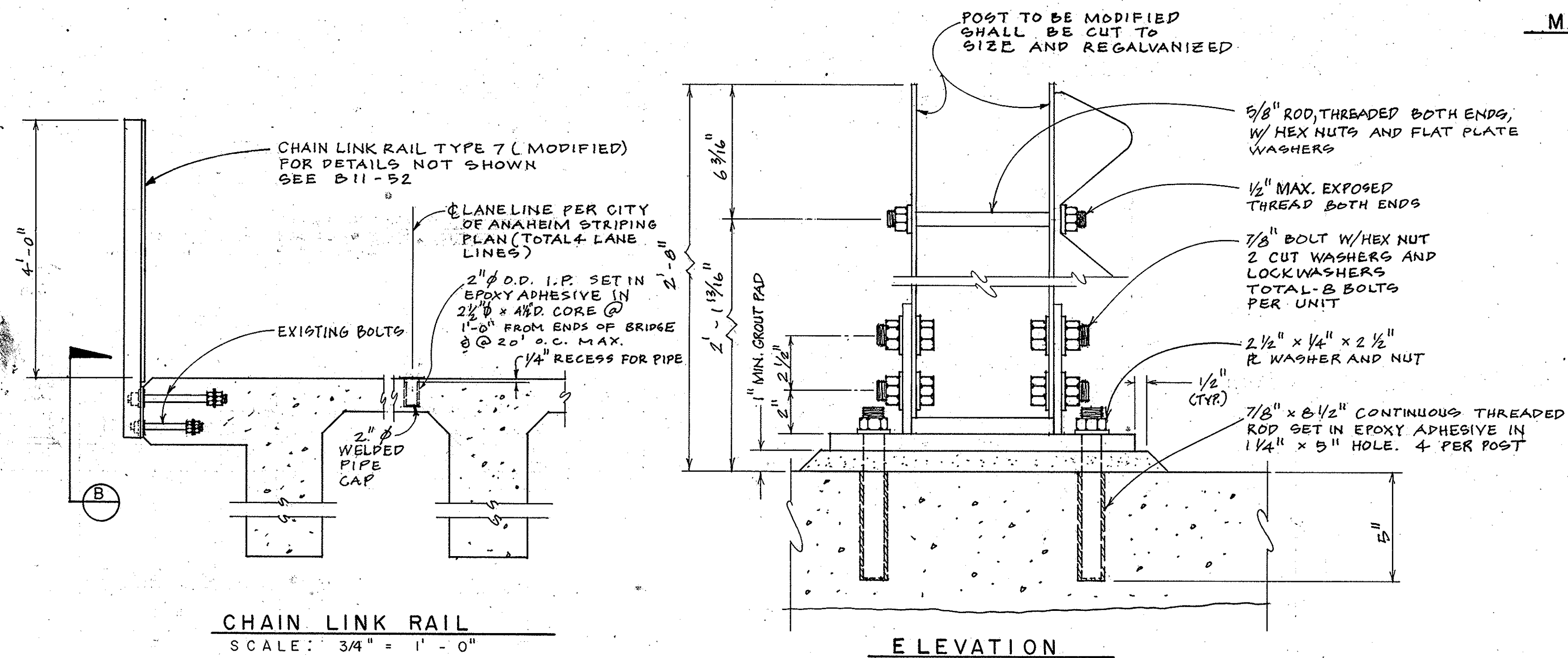
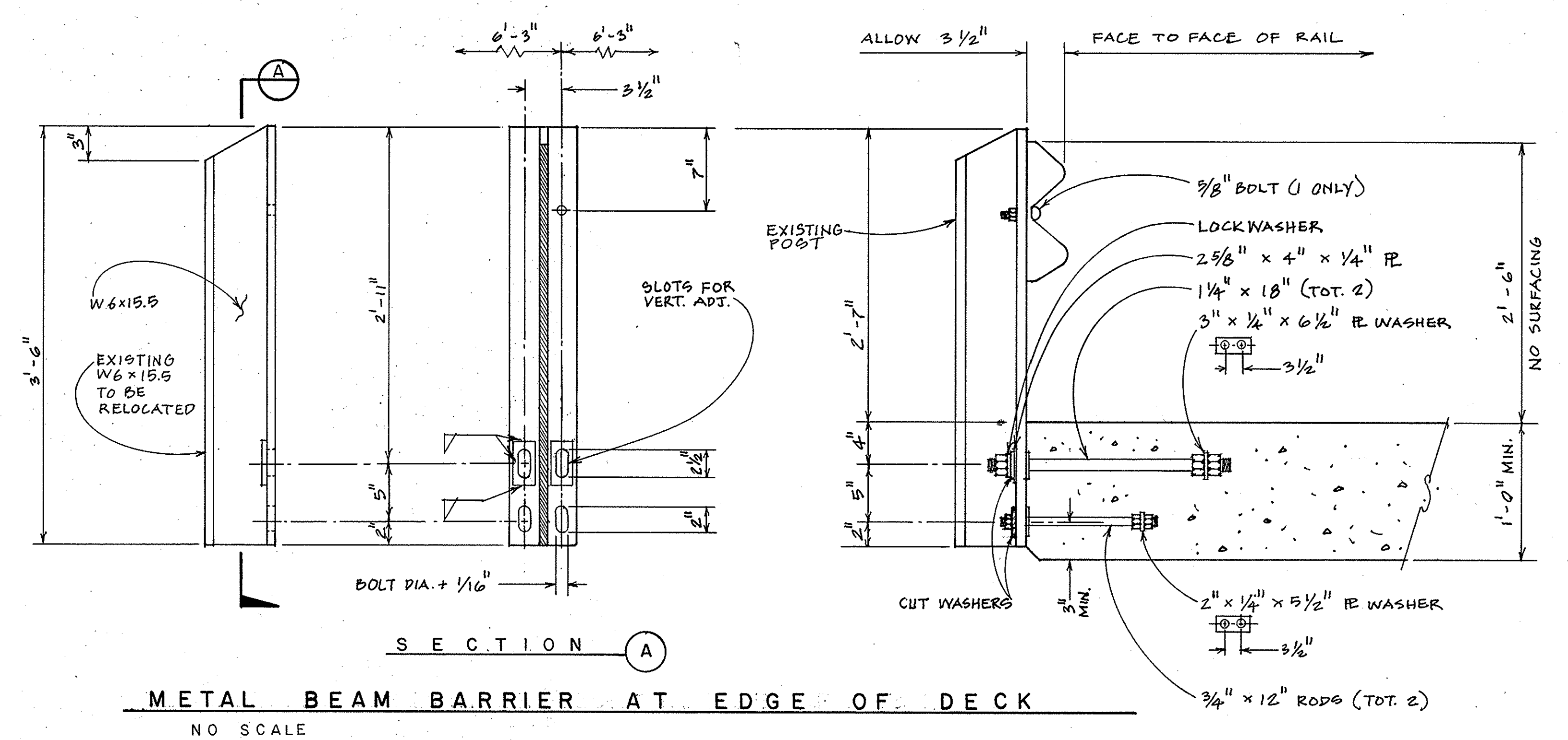
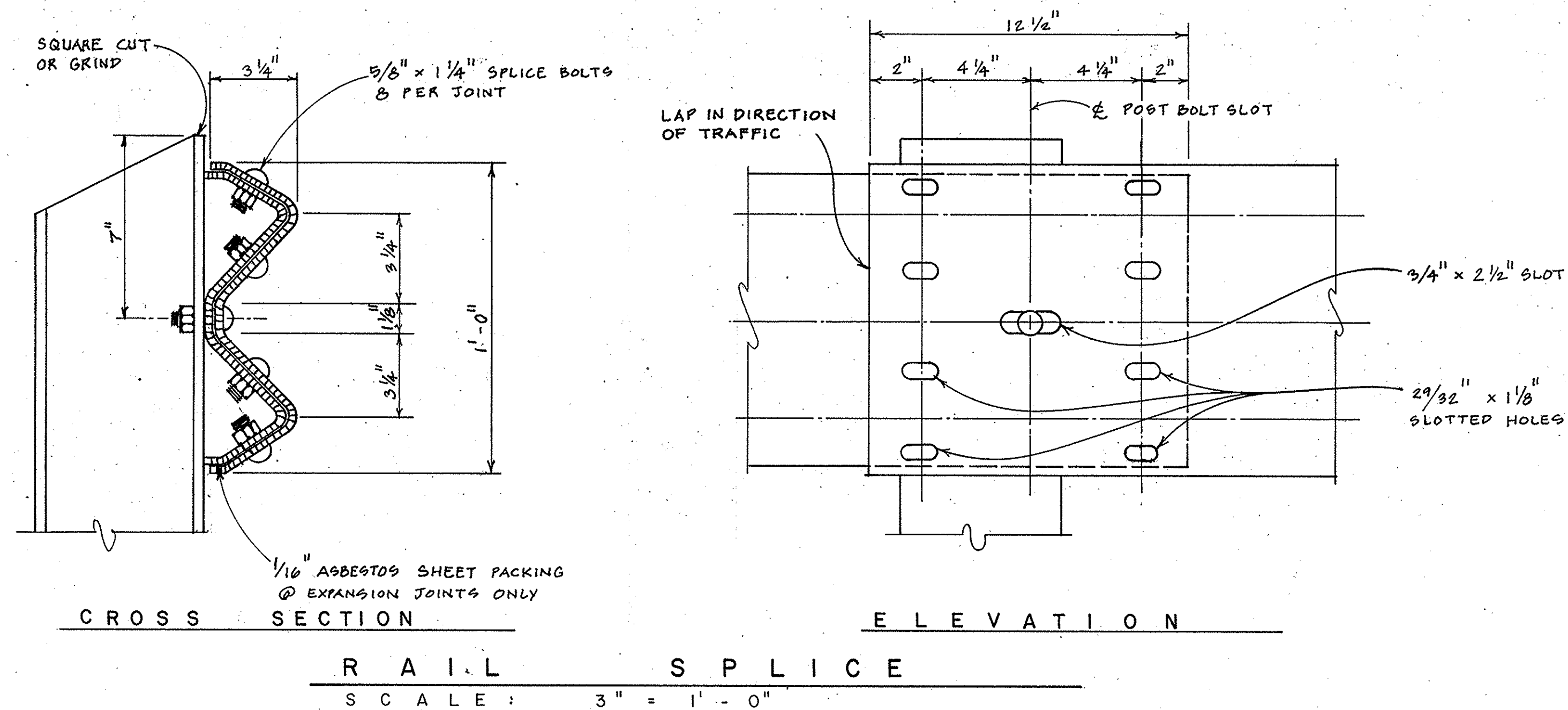




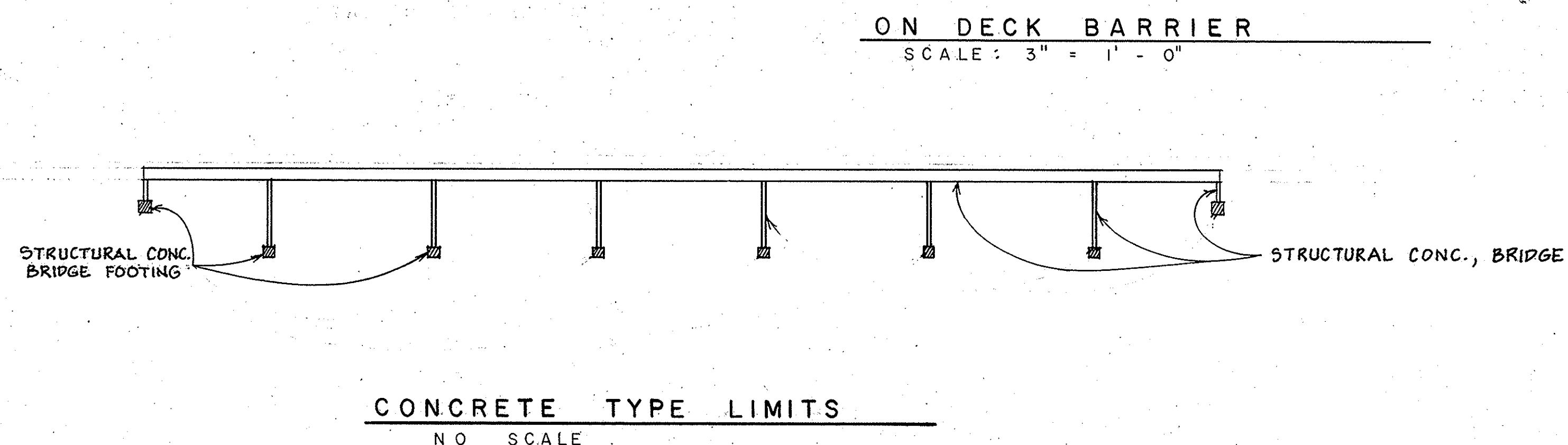
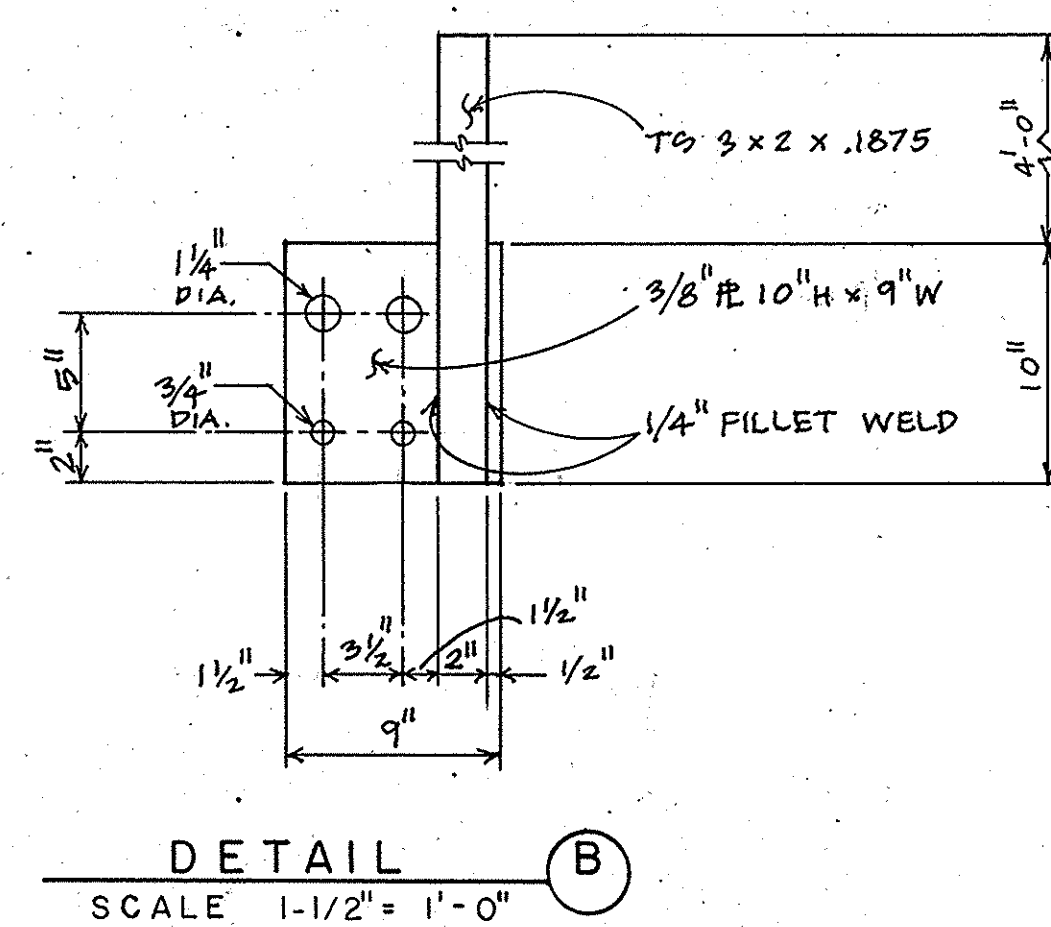
NOTES

AT RAIL SPLICE NEAREST EXPANSION JOINT IN BRIDGE DECK, SLOT HOLES IN MOVABLE SECTION OF RAIL TO ALLOW SAME AMOUNT OF MOVEMENT AS IS PROVIDED IN BRIDGE DECK. PLACE 1/16" ASBESTOS SHEET PACKING BETWEEN RAIL ELEMENTS, ADJUST BOLTS TO PROVIDE SLIDING FIT AND SET THREADS.

USE 3"-6" POSTS WHENEVER POSSIBLE. ALL ANCHOR RODS TO HAVE HEX NUTS. PROVIDE LOCKWASHERS FOR TOP ANCHOR RODS. WELD 2 5/8" x 4" x 1/4" PLATES ON W POSTS WHEN USING 1 1/4" ANCHOR RODS. CONTRACTOR TO PROVIDE METAL SHIMS TO ALIGN POSTS. SPACE POSTS TO CLEAR EXPANSION JOINTS BY 1'-0" MIN. TO & POST. POSTS AND ANCHORS TO BE GALVANIZED AFTER FABRICATION. RAILINGS ON RETAINING WALLS TO BE PLACED AFTER WALLS ARE BACKFILLED. BEND RODS IF NECESSARY TO MAINTAIN MINIMUM CLEARANCE ON SUPERELEVATED SLABS.

H6x22.5 POSTS MAY BE SUBSTITUTED FOR W.6 x 15.5 POSTS
AT CONTRACTORS OPTION.

2-5/8" x 4" x 1/4" PLATES SHOWN ON W6 x 15.5 POSTS
NOT REQUIRED ON H6 x 22.5 POSTS



MARK	DATE	DESCRIPTION	ORANGE COUNTY ENVIRONMENTAL MANAGEMENT AGENCY		SHEET
			ORANGEWOOD AVE. BRIDGE		
			BARRIER RAIL DETAILS		
			PREPARED UNDER SUPERVISION OF <i>W.D. Jennings</i> 6-18-82 DATE		
REVISIONS DESIGNED E. A. DRAWN N. O. CHECKED G. A.			SCALE AS SHOWN	DATE DWG. NO.	12