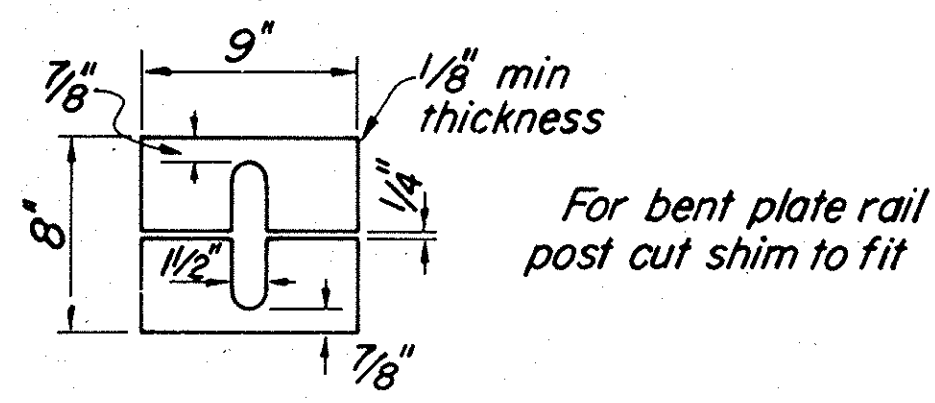
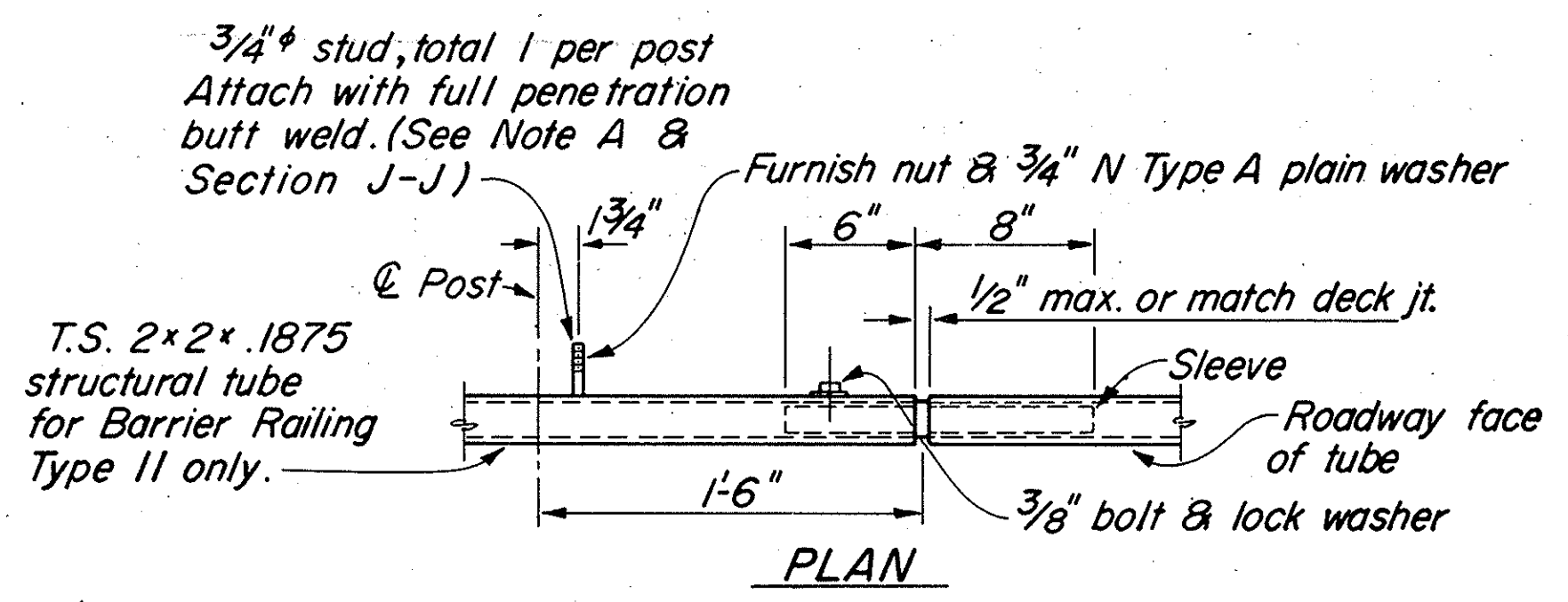




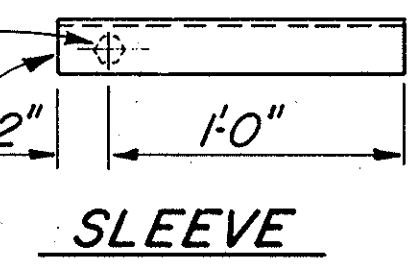
POST SHIM DETAIL



PLAN

Tack weld 3/8" nut inside of sleeve for 3/8" hex bolt with lock washer. (total 1) See Note B.

Sleeve formed of 3/16" R, bent thus: 61 for sliding fit inside of rail tube.

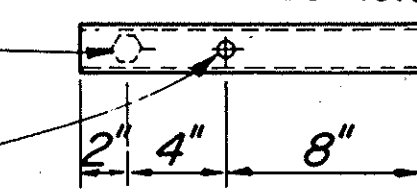


SLEEVE

Note A:

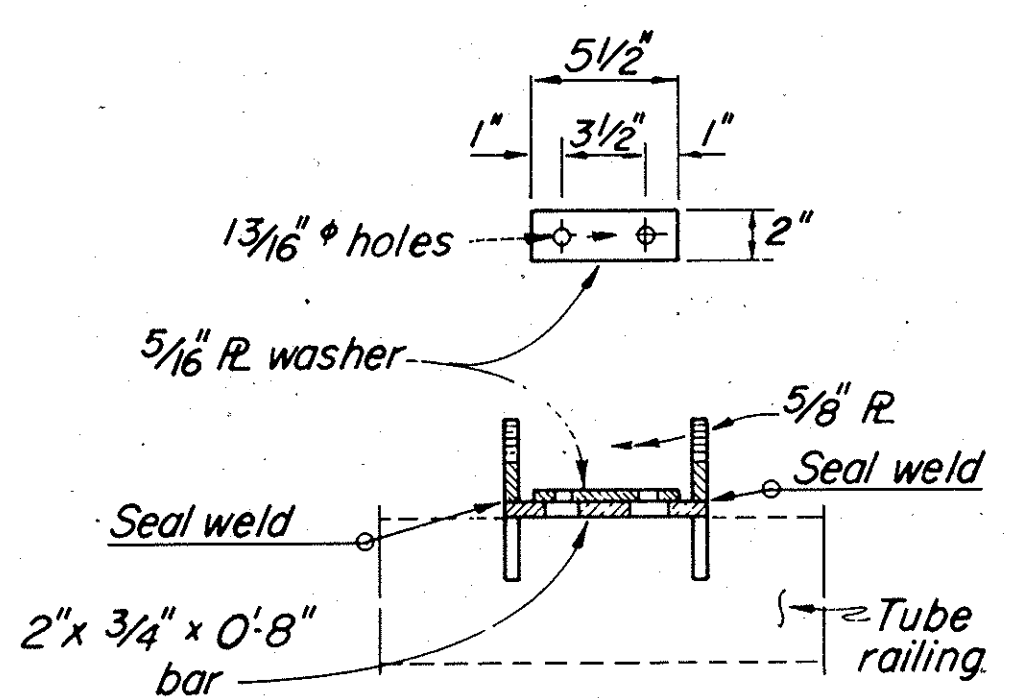
3/8" studs may be used with 2x2 tube in lieu of 3/4" studs. Decrease post slotted hole size to 5/8" x 1/8" and use 3/8" W type A plain washers.

Tack weld 3/8" nut inside of sleeve for 3/8" hex bolt with lock washer. (total 1) See Note B.

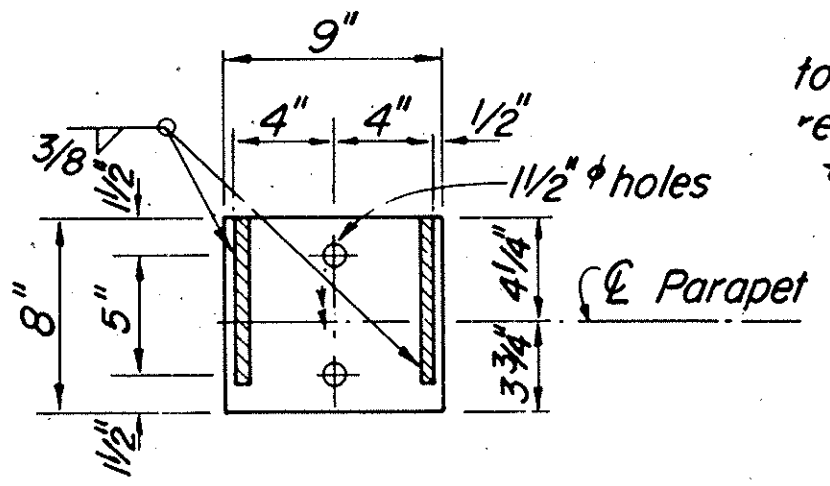


1/2" holes near & far side. Sleeve formed of 3/16" R, bent thus: for sliding fit inside of rail tube.

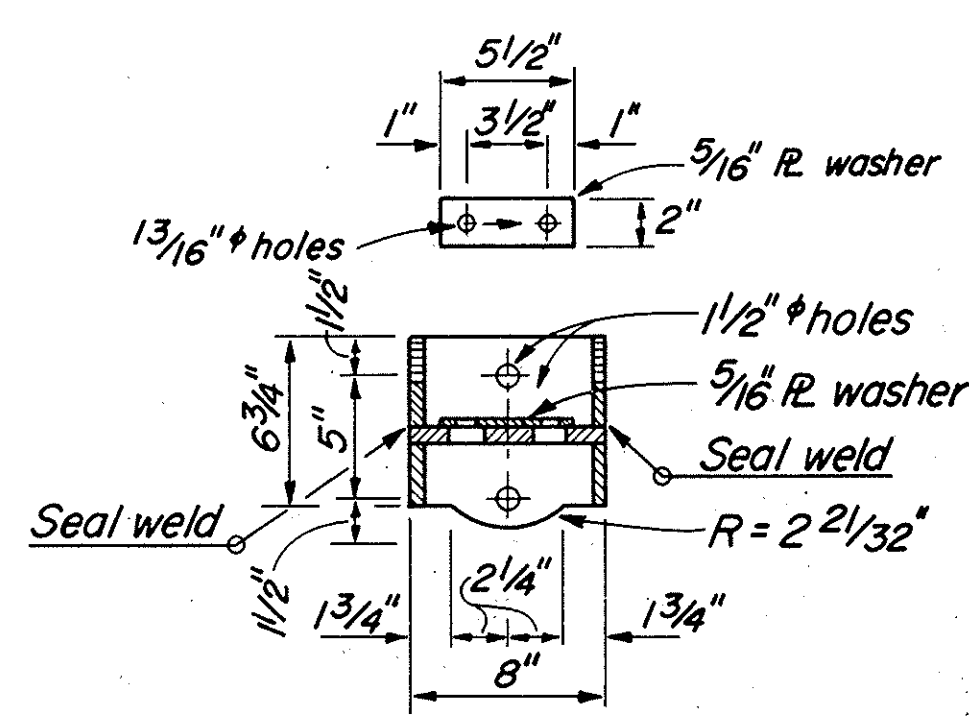
SLEEVE



SECTION E-E

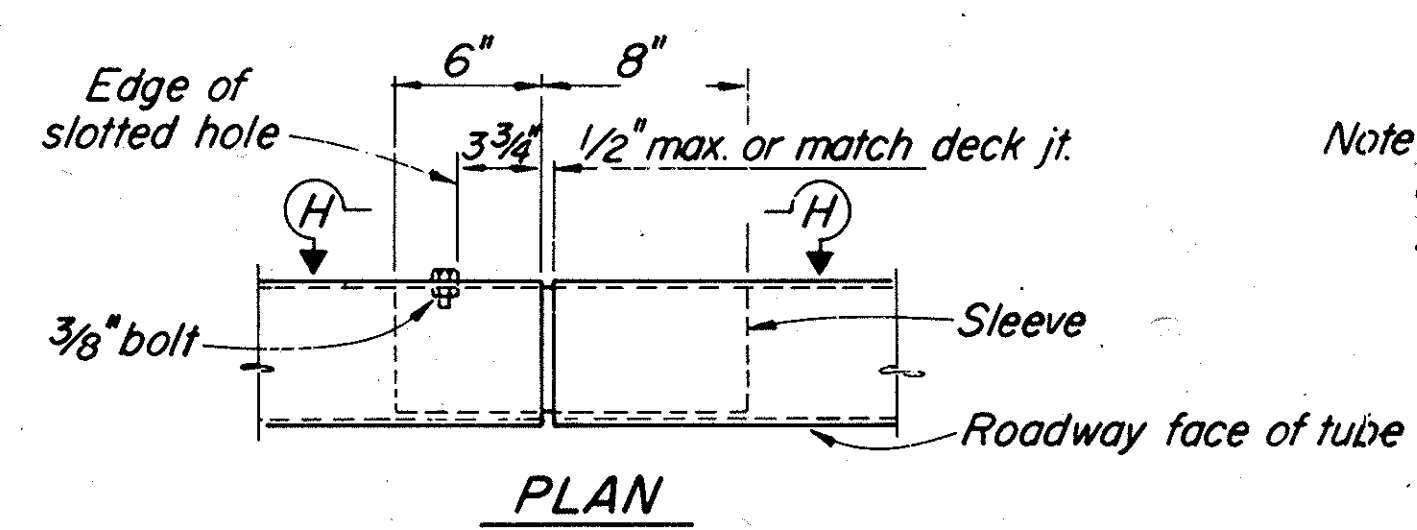


SECTION D-D

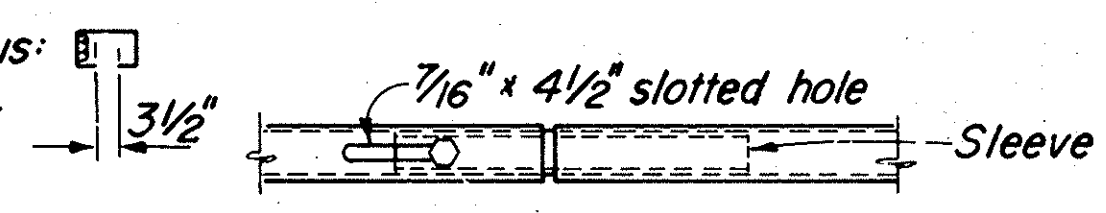


SECTION M-M

DETAIL A - TUBE SPLICE



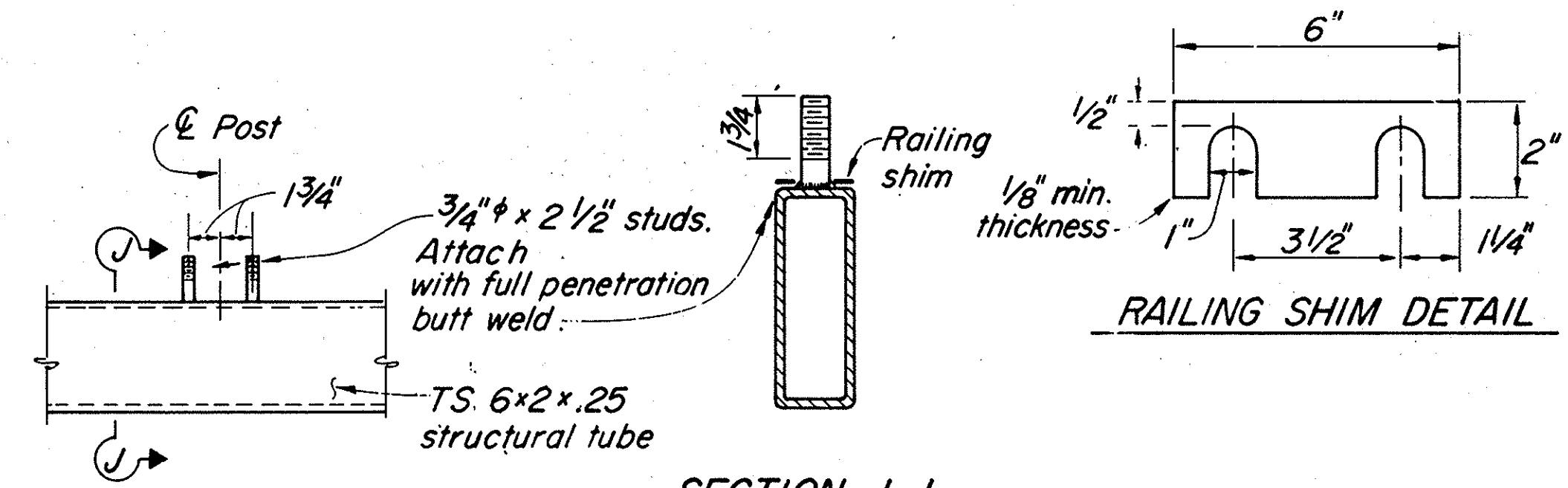
PLAN



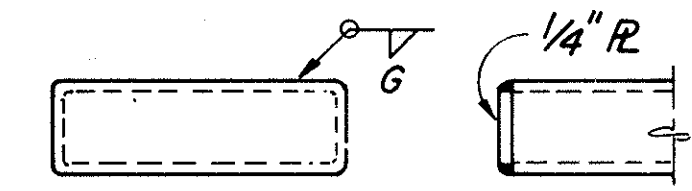
VIEW H-H

STUD BOLT DETAILS

SECTION J-J

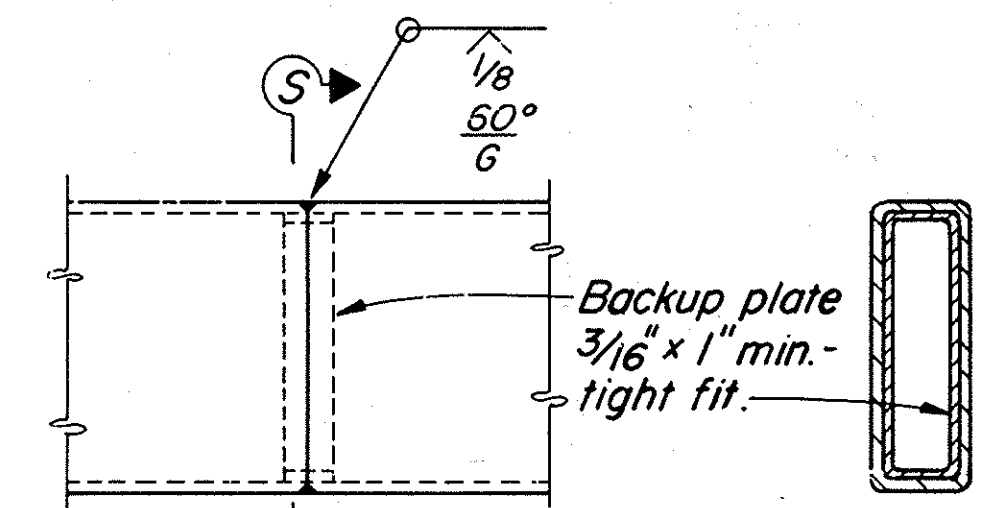


RAILING SHIM DETAIL



RAIL CAP

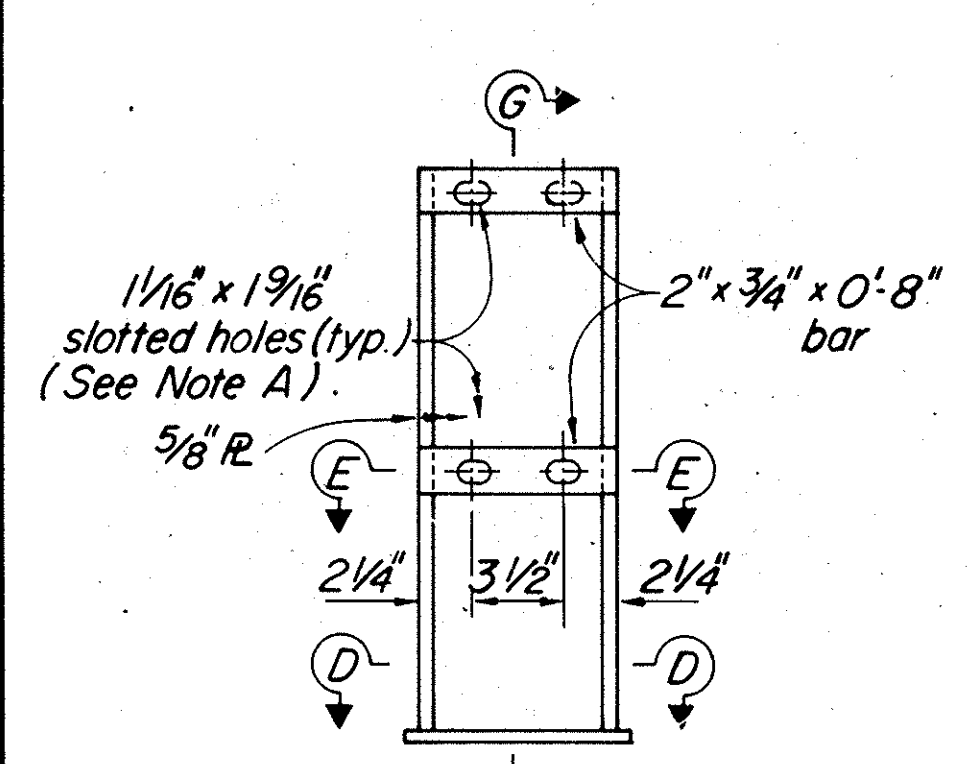
Note: Contractor may submit alternative detail for approval. Typical for 2'x2" tube also.



SECTION S-S

TUBE - WELDED SPLICE

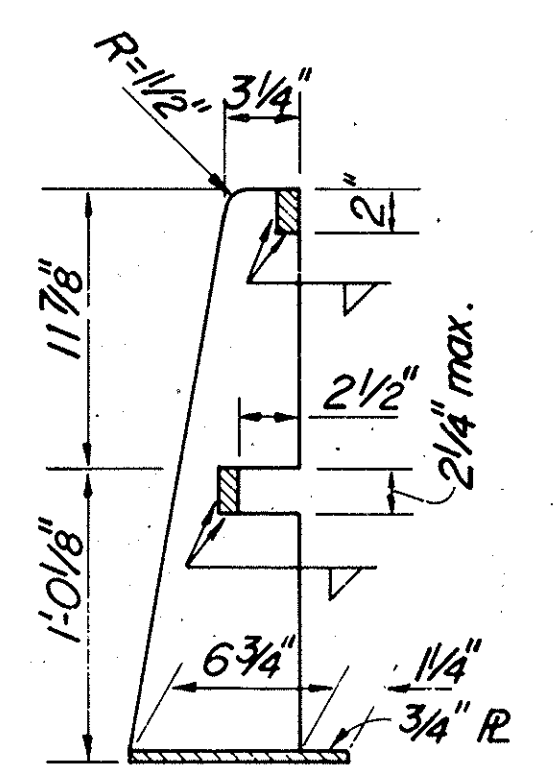
AS BUILT



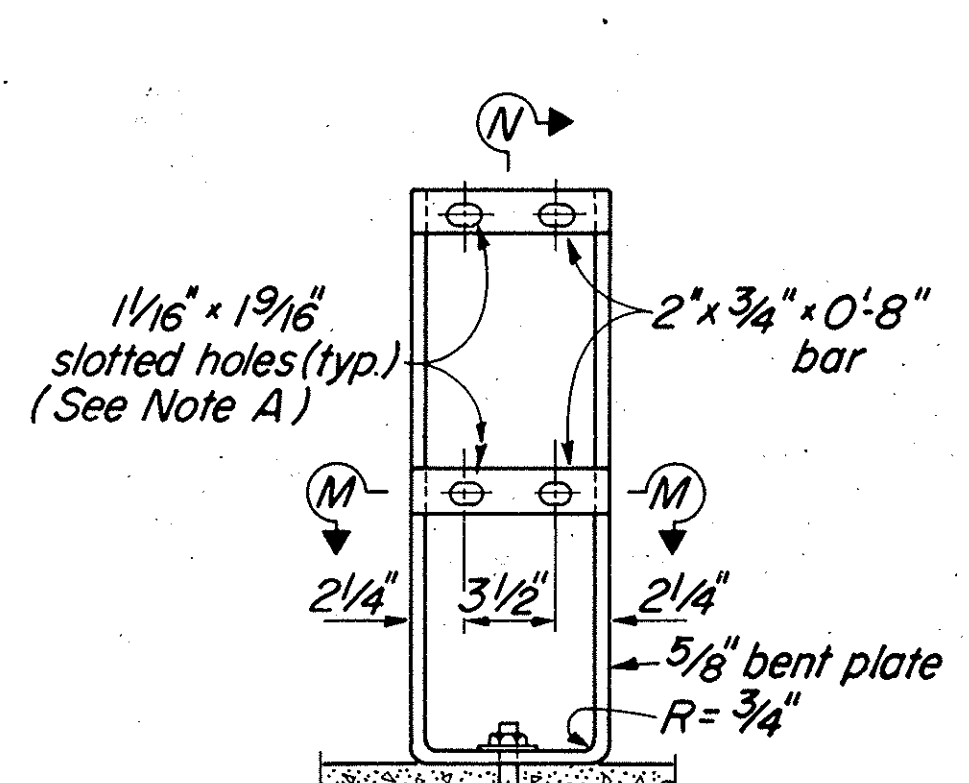
ELEVATION

RAIL POST DETAILS TYPE II

These details apply to Barrier Railing Types II & 9-II

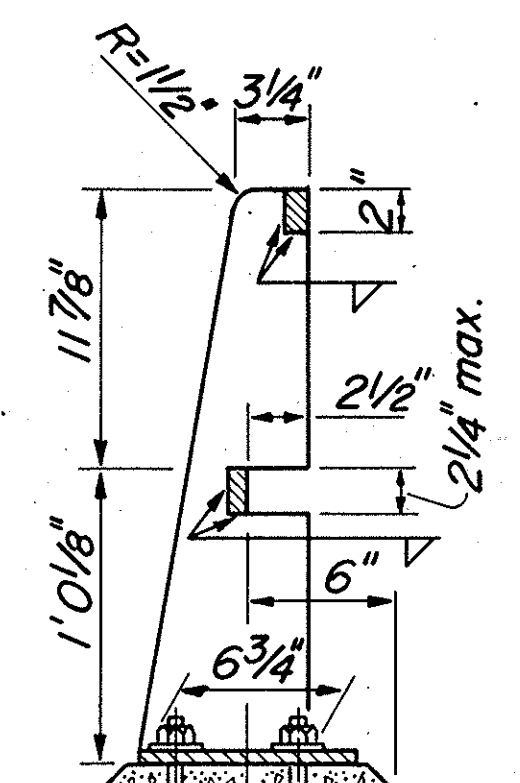


SECTION G-G



ELEVATION

ALTERNATIVE RAIL POST DETAILS TYPE II



SECTION N-N

1/2 0 1 2
3 inches on original drawing

WHEELER & GRAY
CONSULTING ENGINEERS
S.E. # 918

ORANGE COUNTY ENVIRONMENTAL MANAGEMENT AGENCY			
SLATER-SEGERSTROM BRIDGE (SA-31A) WIDENING OVER SANTA ANA RIVER (EOI)			
METAL RAILING DETAILS TYPE II			
MARK	DATE	DESCRIPTION	PREPARED UNDER SUPERVISION OF
REVISIONS			
DESIGNED	W.F.POND	SCALE	DATE
DRAWN	E.G.	CHECKED	W.F.P.
AS SHOWN			DWG. NO.
			SHEET 9