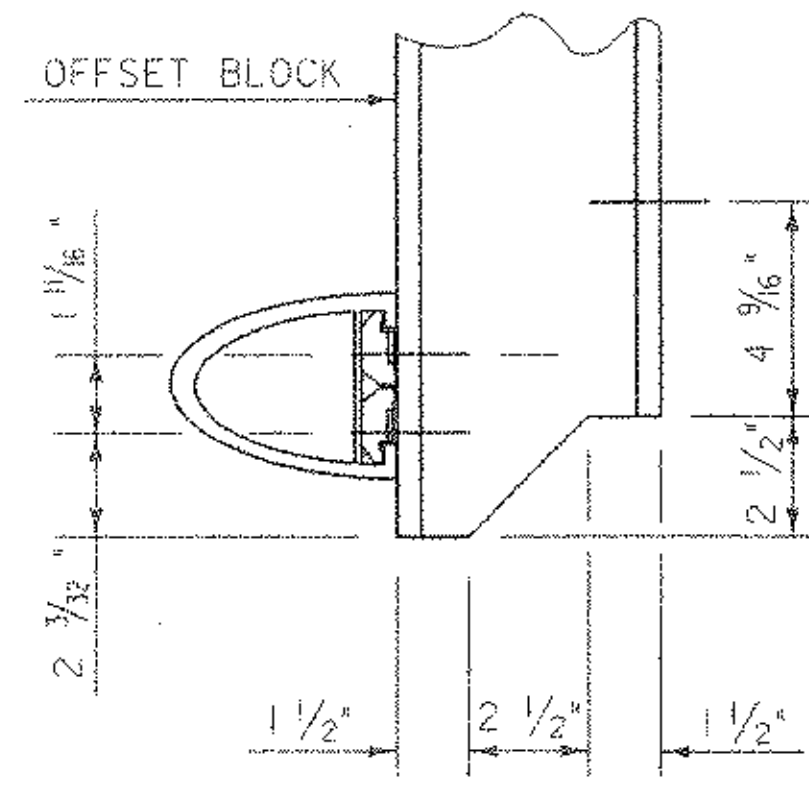
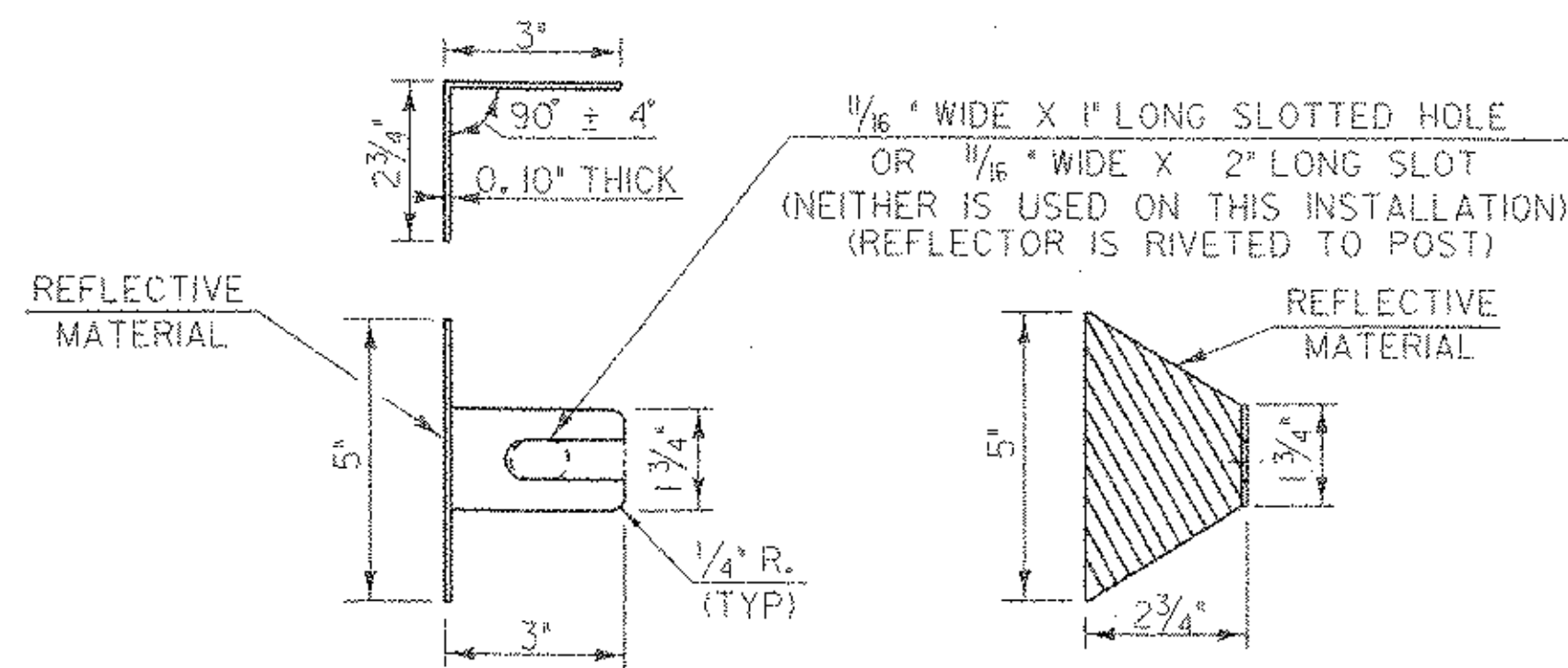


POST SIDE VIEW



COPING DETAIL



REFLECTOR DETAILS

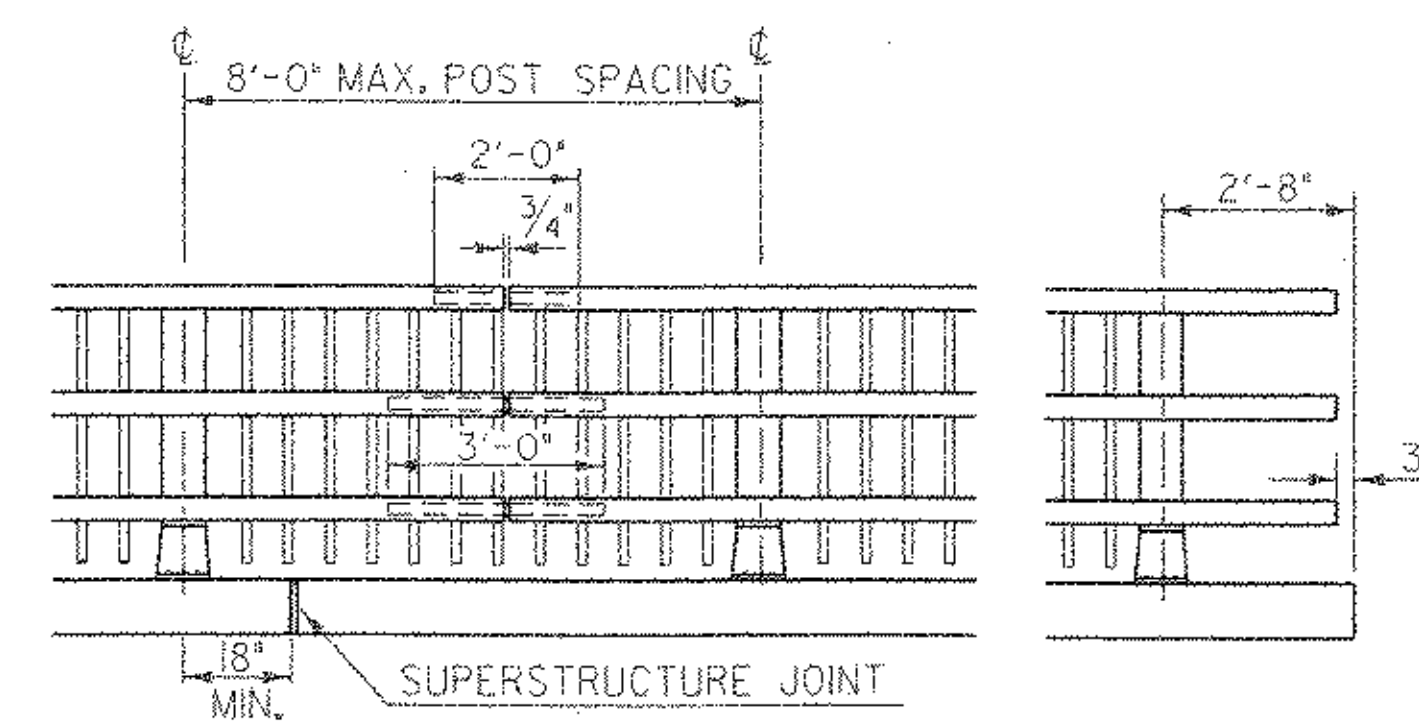
THIS REFLECTORIZED ALUMINUM DELINEATOR IS TO BE ERECTED EVERY 30 FEET (OR CLOSEST POST) WITH 2 NO. 8 X 3/4\"/>

DELINEATORS SHALL MEET SPECIFICATION REQUIREMENTS FOR ASTM B209 ALLOY 5052-H32.

REFLECTIVE MATERIAL SHALL MEET THE REQUIREMENTS OF SUBSECTION 750.08 AND SHALL BE OF ENCAPSULATED LENS SILVER OR AMBER. AMBER IS TO BE INSTALLED ON THE DRIVER'S LEFT AND SILVER ON THEIR RIGHT.

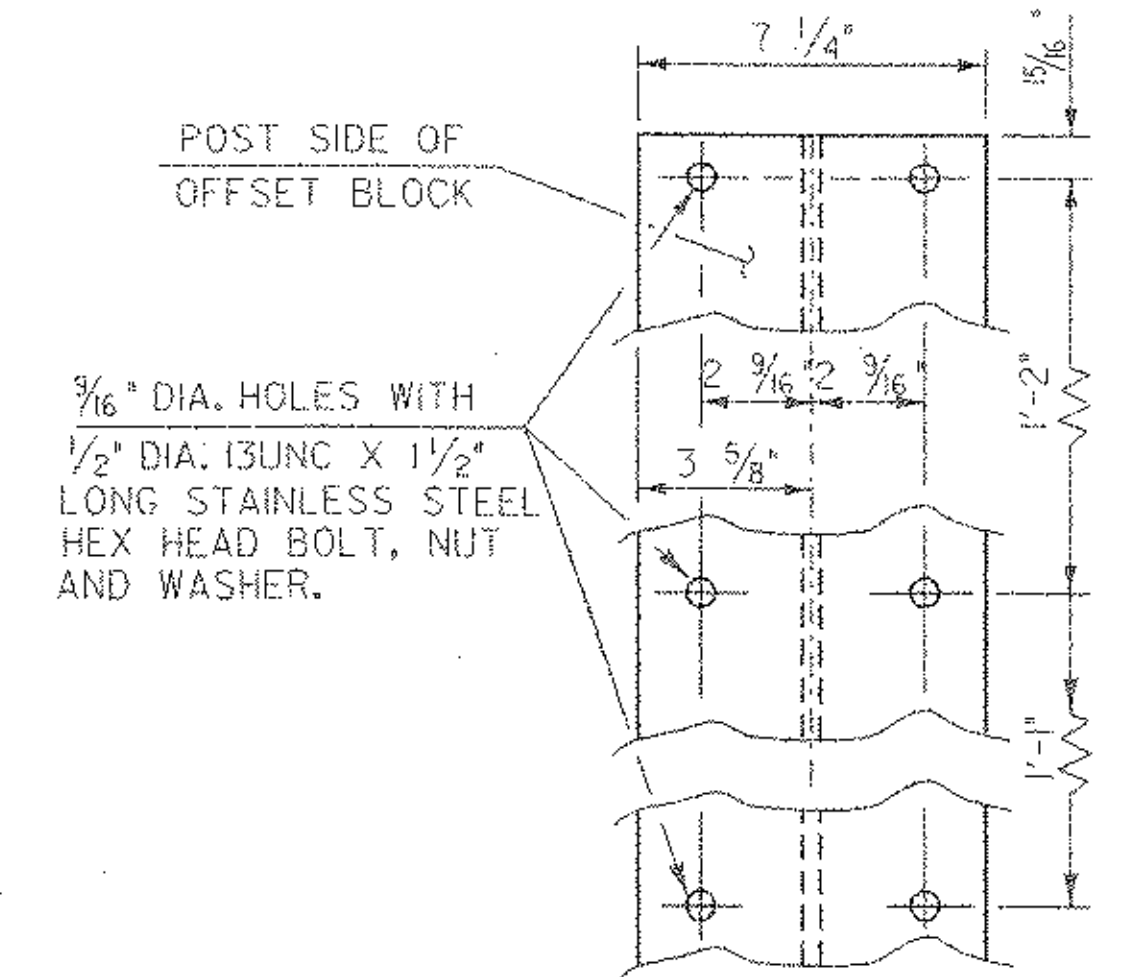
ON BRIDGES WITH A SIDEWALK, DELINEATORS ARE NOT TO BE INSTALLED ON THE SIDEWALK SIDE OF THE BRIDGE (I.E. DELINEATORS INSTALLED ONLY ON THE CURB SIDE AND ON THE APPROACH RAIL ON THE CURB SIDE)

PAYMENT SHALL BE SUBSIDIARY TO ALL OTHER ITEMS.

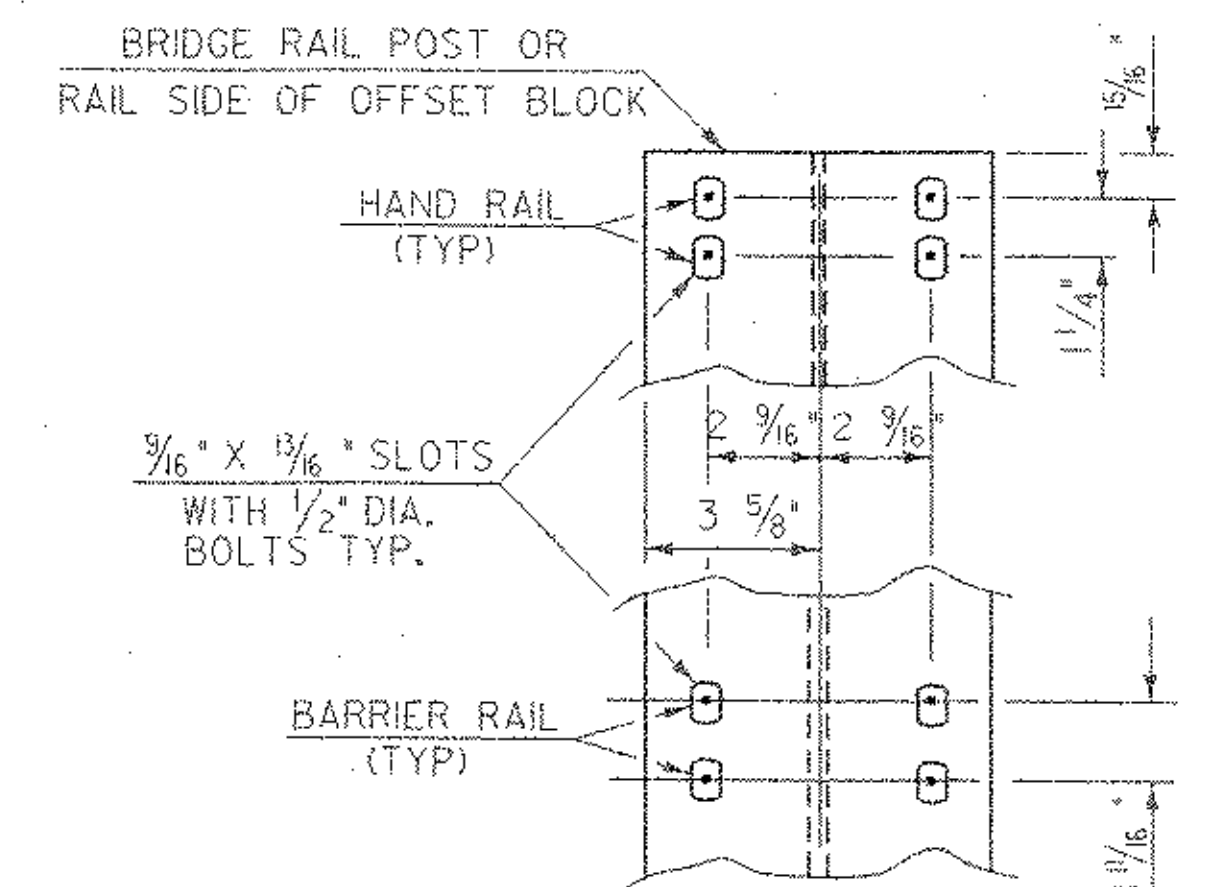


FRONT ELEVATION OF THREE RAIL WITH SPINDLES

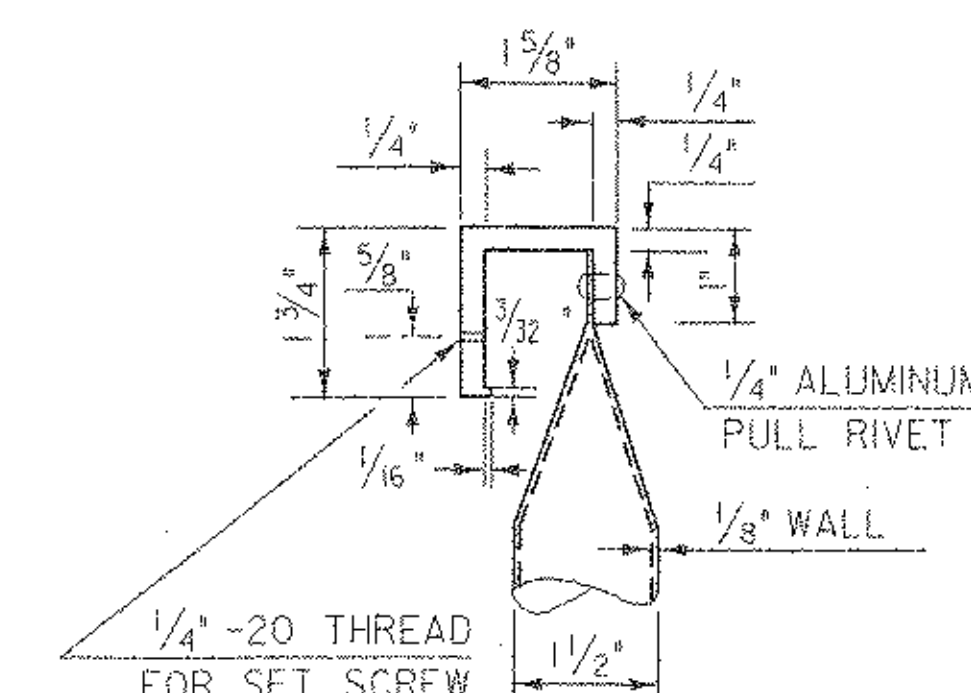
NOTE: RAIL POSTS ARE TO BE SET NORMAL TO GRADE UNLESS OTHERWISE DESIGNATED ON BRIDGE PLANS. ALL DIMENSIONS ARE TYPICAL UNLESS OTHERWISE DESIGNATED ON BRIDGE PLANS.



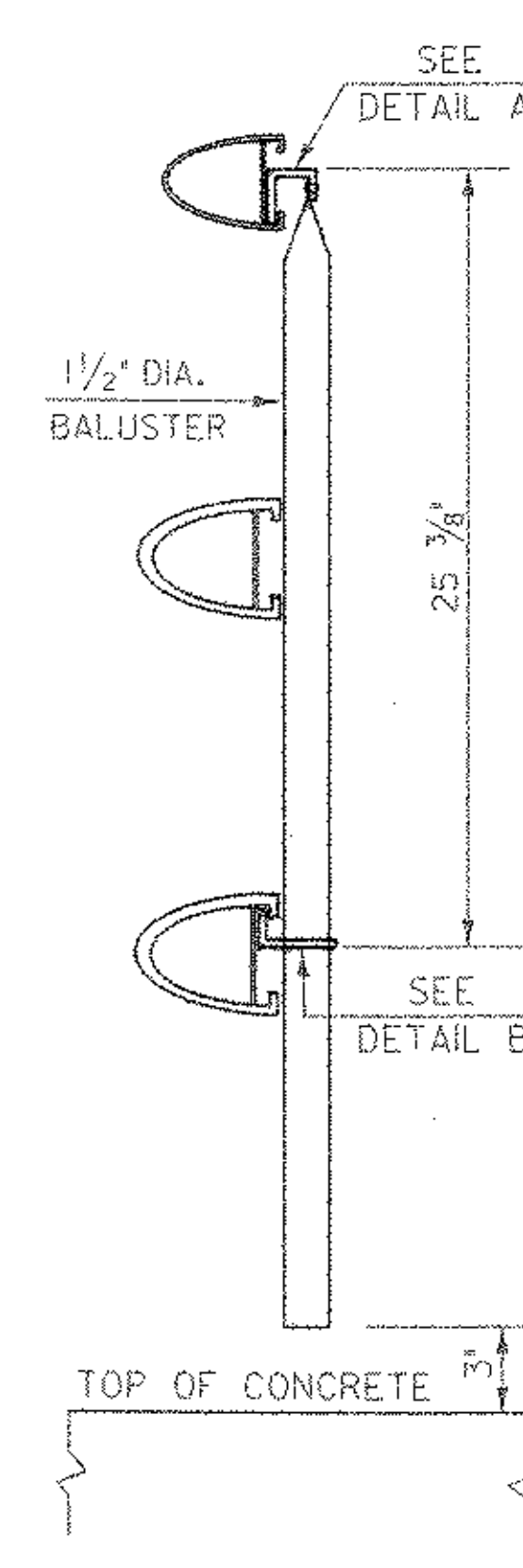
OFFSET BLOCK CONNECTION



RAIL CONNECTION



DETAIL A

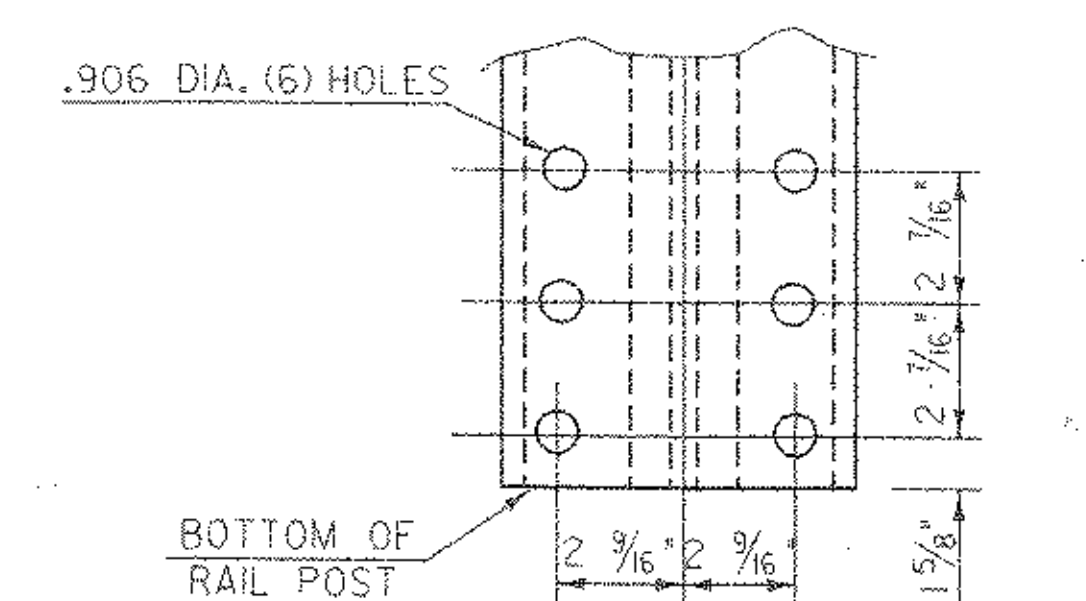


SECTION AA

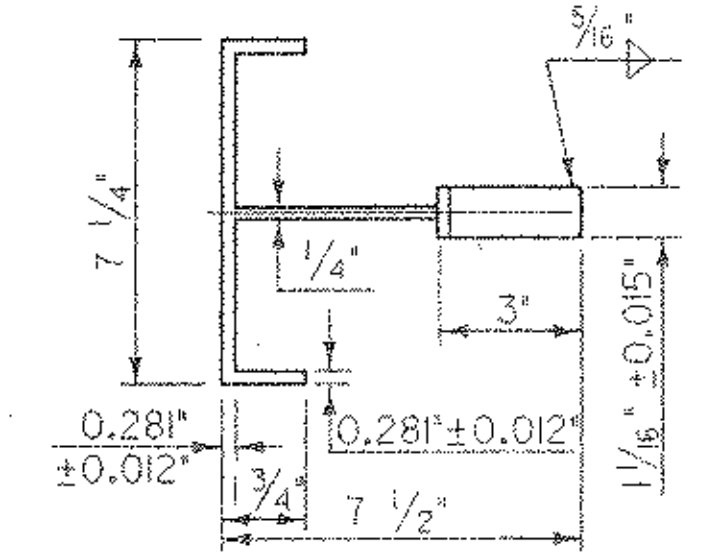
NOTCH BRACKET IN AREA OF BARRIER RAIL SPLICE TO PROVIDE CLEARANCE FOR BOLT HEADS USED IN SPLICE (BRACKET TO BE NOTCHED IN FIELD)

BALUSTER EXPANDED FOR TIGHT FIT IN ALL HOLES.

DETAIL B

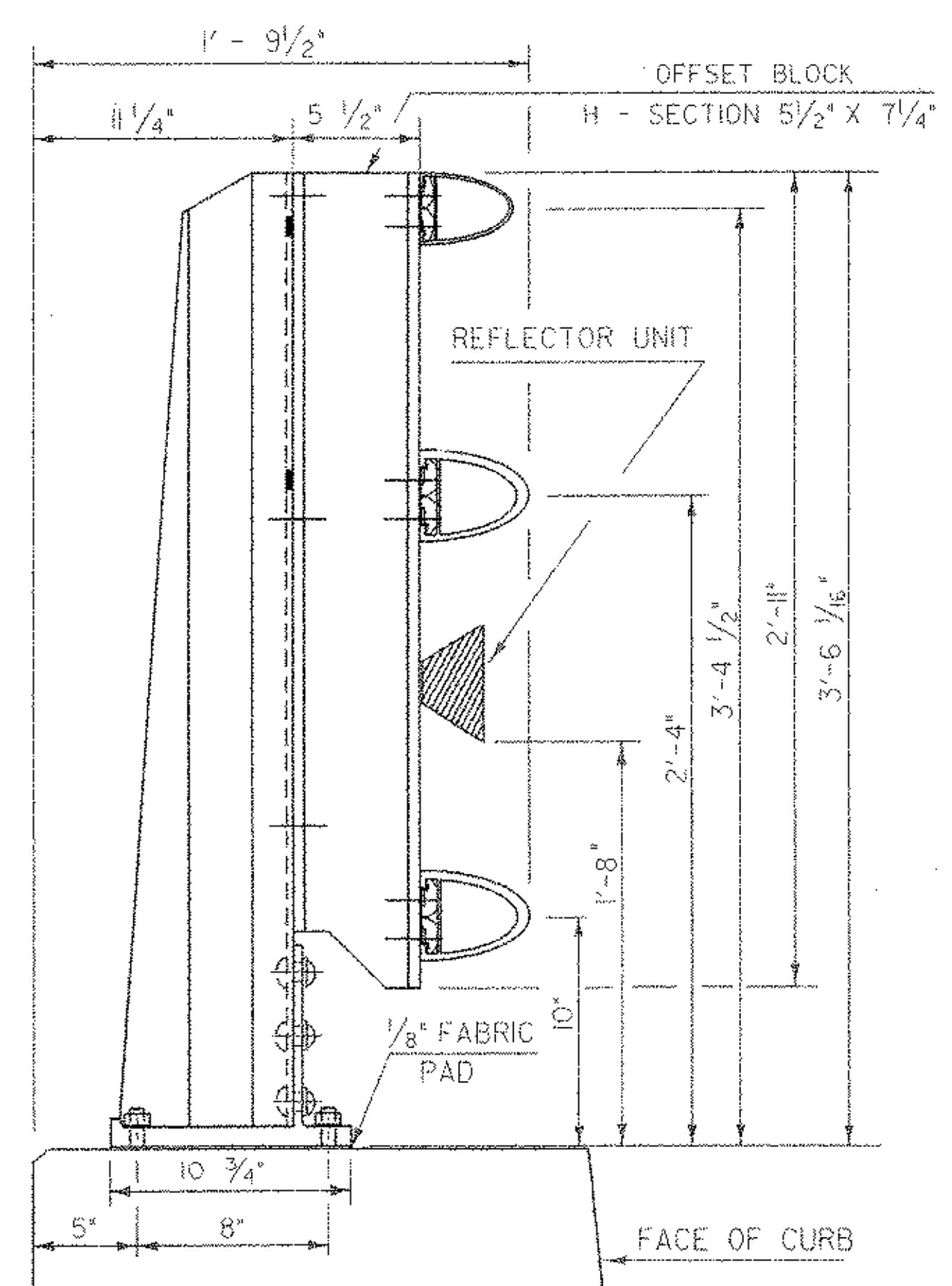


POST BASE BOLT HOLE DETAILS

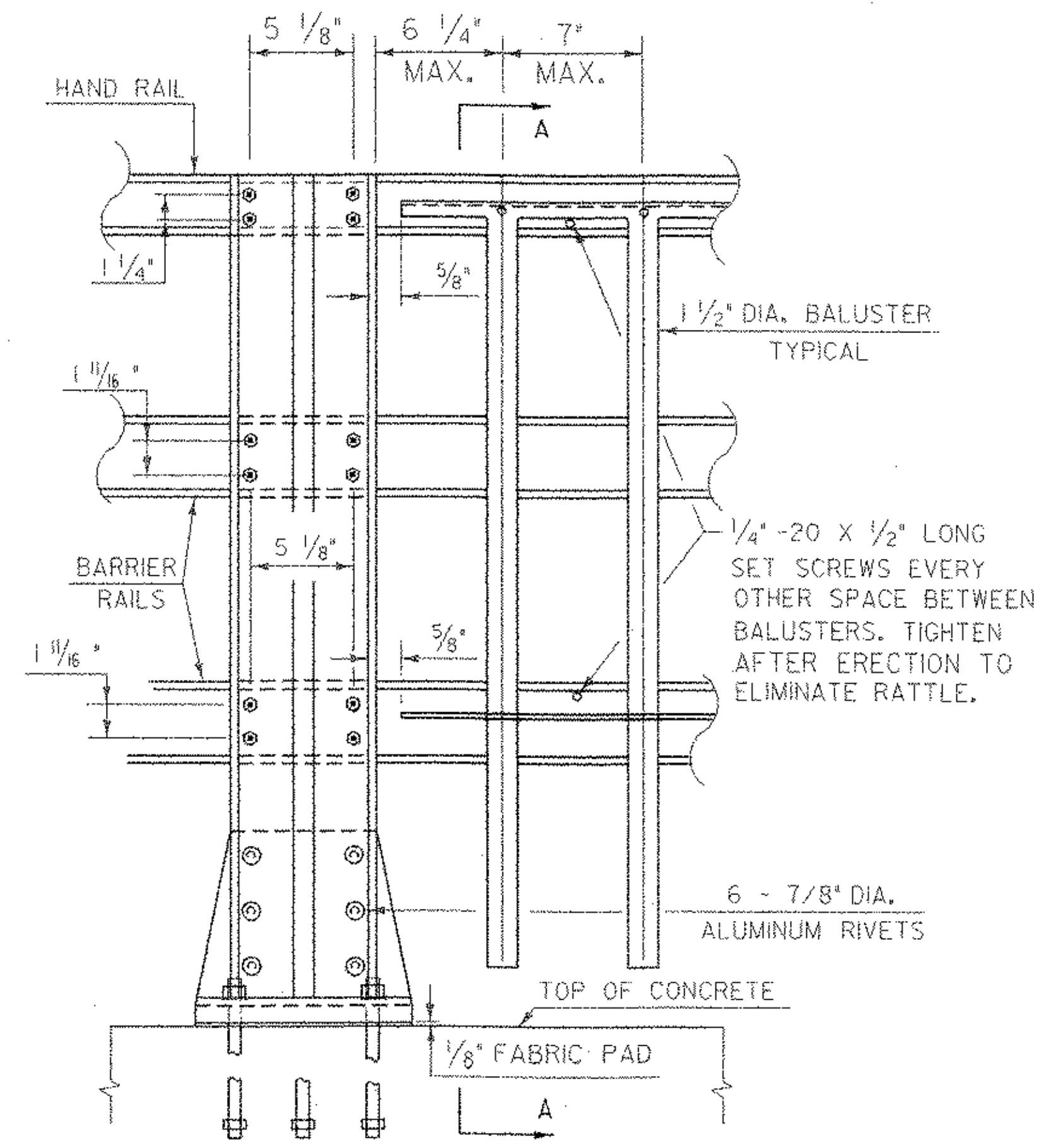


POST PLAN VIEW

ALLOWABLE STRESSES:
RAILING : 21,000 PSI TENSION
 22,000 PSI COMPRESSION
POSTS : 17,000 PSI TENSION
 19,000 PSI COMPRESSION



SIDE ELEVATION OF THREE RAIL TO BE USED ON CURB SIDE



OUTSIDE ELEVATION OF THREE RAIL POST & SPINDLES

ALUMINUM BRIDGE RAIL DETAILS (I)

NOTE:
NO SPINDLES WILL BE USED ON THIS PROJECT.

PROJECT NAME: ROCKINGHAM	PLOT DATE: 20-MAR-2003
PROJECT NUMBER: TH2 - 9103	DRAWN BY: VAOT
FILE NAME: 90c053\structures\sc053r01I	CHECKED BY: R. WHITCOMB
PROJECT MANAGER: R.R. WHITCOMB	DESIGNED BY: G. ROY
SHEET (21) OF 38	