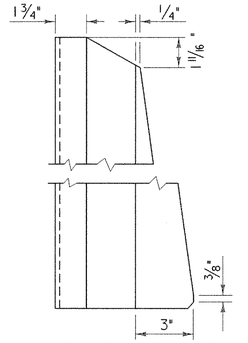
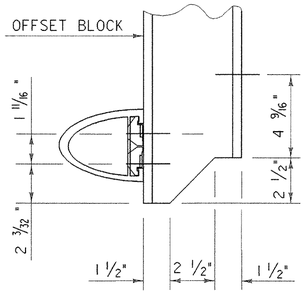
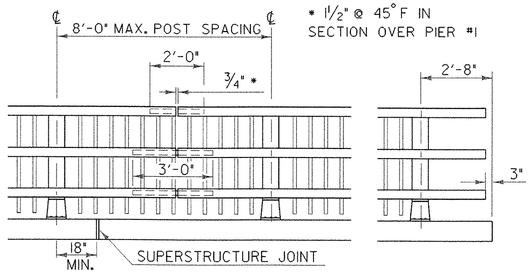


POST SIDE VIEW



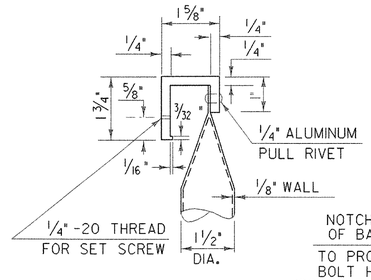
COPING DETAIL



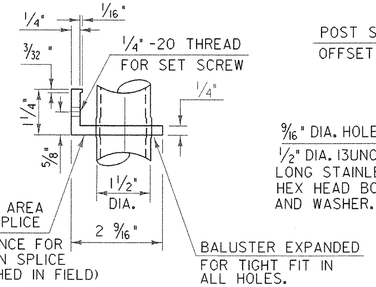
* 1 1/2" @ 45° F IN SECTION OVER PIER #1

FRONT ELEVATION OF THREE RAIL WITH SPINDLES

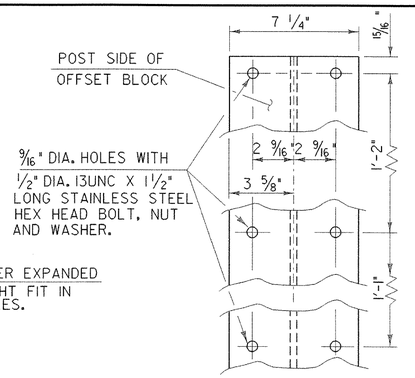
NOTE : RAIL POSTS ARE TO BE SET NORMAL TO GRADE UNLESS OTHERWISE DESIGNATED ON BRIDGE PLANS. ALL DIMENSIONS ARE TYPICAL UNLESS OTHERWISE DESIGNATED ON BRIDGE PLANS.



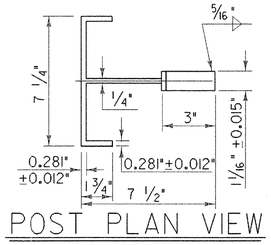
DETAIL A



DETAIL B



OFFSET BLOCK CONNECTION



POST PLAN VIEW

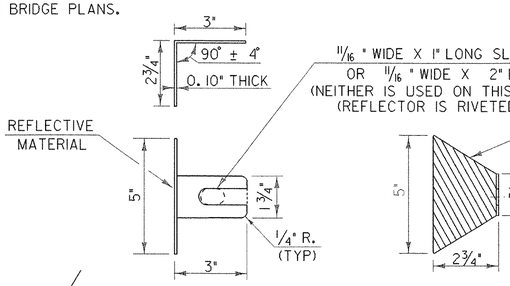
THIS REFLECTORIZED ALUMINUM DELINEATOR IS TO BE ERECTED EVERY 30 FEET (OR CLOSEST POST) WITH 2 NO. 8 X 3/4" SELF-TAPPING SCREWS.

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 ASTM TYPE III SHEETING 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.

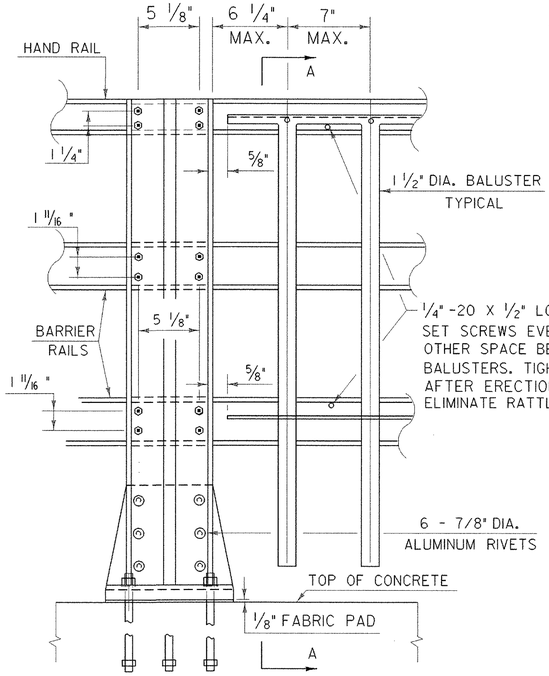


REFLECTOR DETAILS

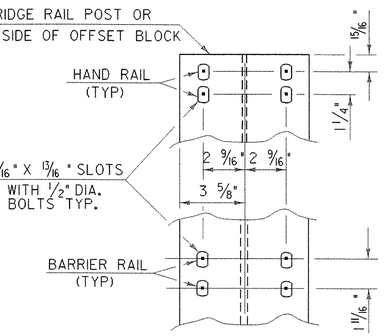
ALLOWABLE STRESSES:

RAILING : 21,000 PSI TENSION
22,000 PSI COMPRESSION

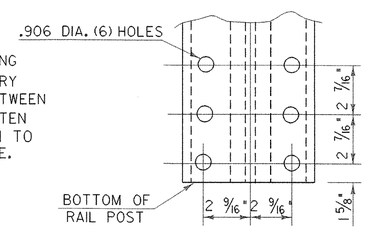
POSTS : 17,000 PSI TENSION
19,000 PSI COMPRESSION



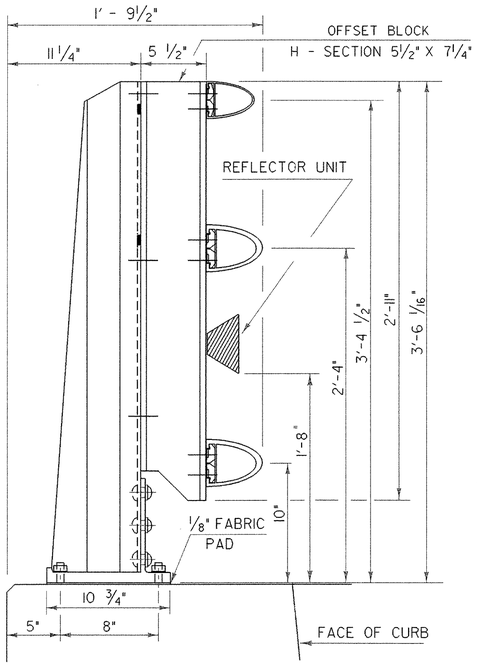
OUTSIDE ELEVATION OF THREE RAIL POST & SPINDLES



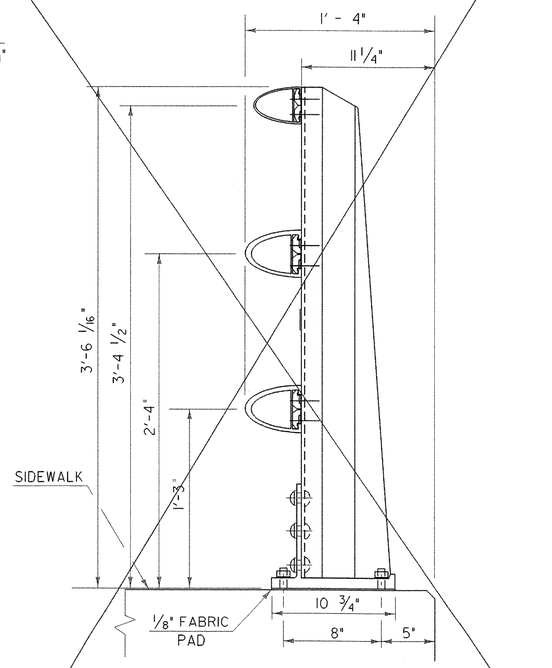
RAIL CONNECTION



POST BASE BOLT HOLE DETAILS

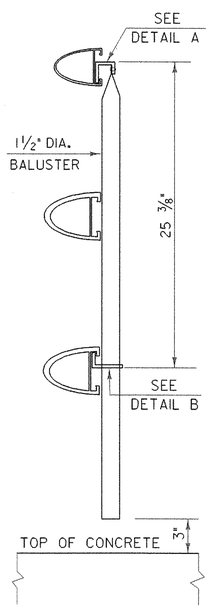


SIDE ELEVATION OF THREE RAIL TO BE USED ON CURB SIDE



SIDE ELEVATION OF THREE RAIL TO BE USED ON SIDEWALK SIDE

RAIL POST DETAILS ON SUPERSTRUCTURE



SECTION AA

DETAILS OF SPINDLES FOR ALUMINUM RAILING

PROJECT: HARTFORD	PROJECT NO.: BRO-BTN 2004 (1)
DESIGN FILE NAME: 9j045/structures/sj045rail.dgn	
IPARM FILE NAME: sj045rail2.i	PLOT DATE: 11-FEB-2005
DESIGNED BY: K. M. HIGGINS	DRAWN BY: M. LONGSTREET
SQUAD LEADER: C. P. WILLIAMS	CHECKED BY: K. M. HIGGINS
ALUMINUM RAILING DETAILS 2	SHEET: 58 OF 97