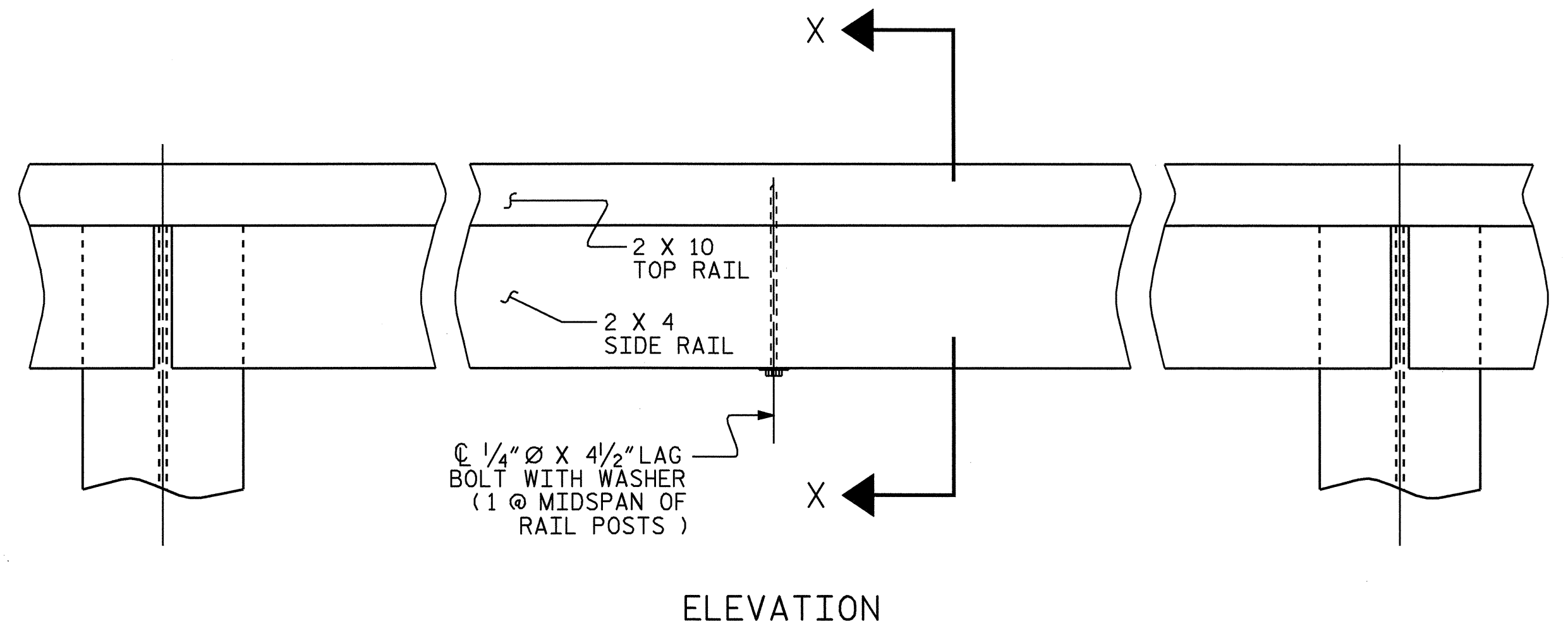
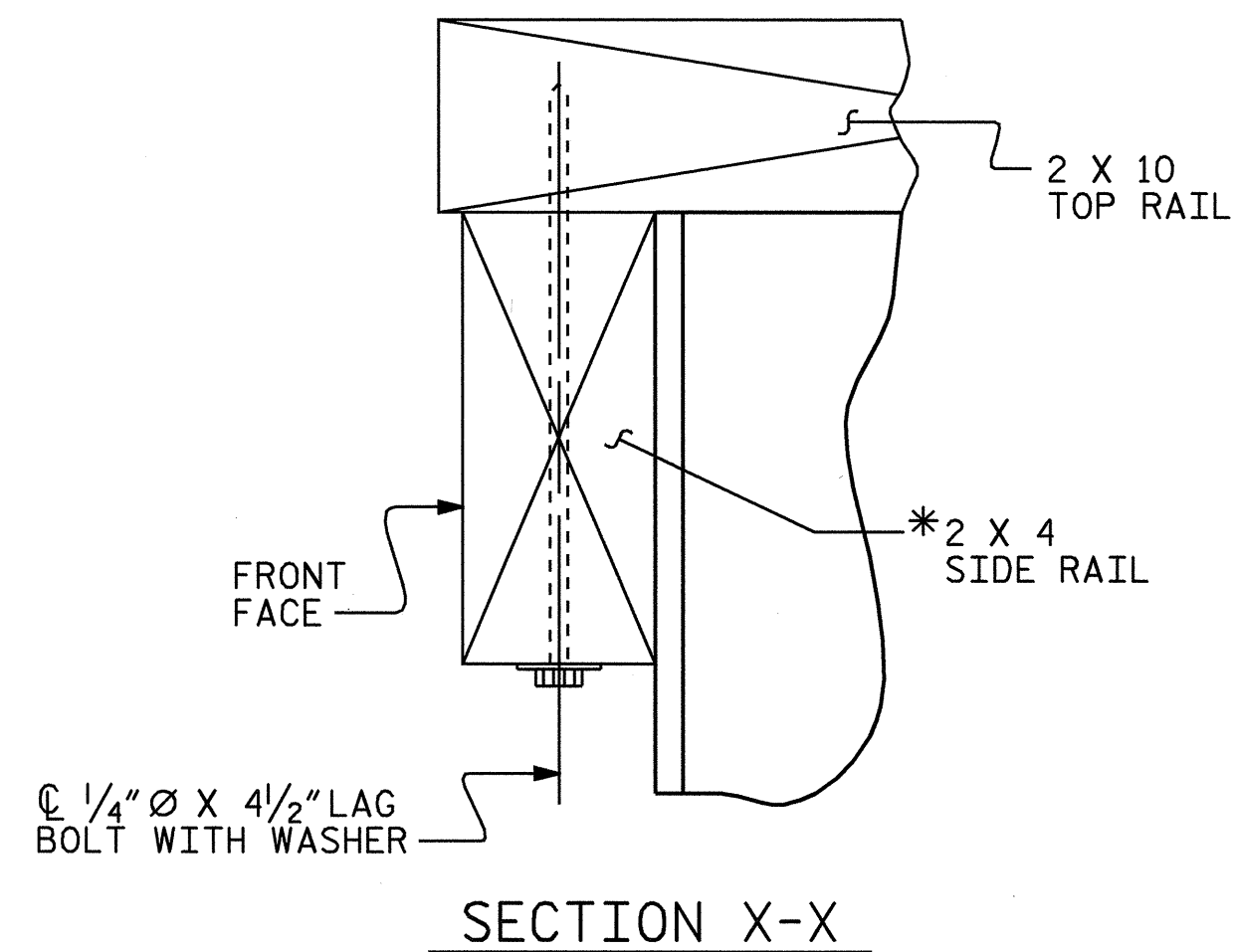
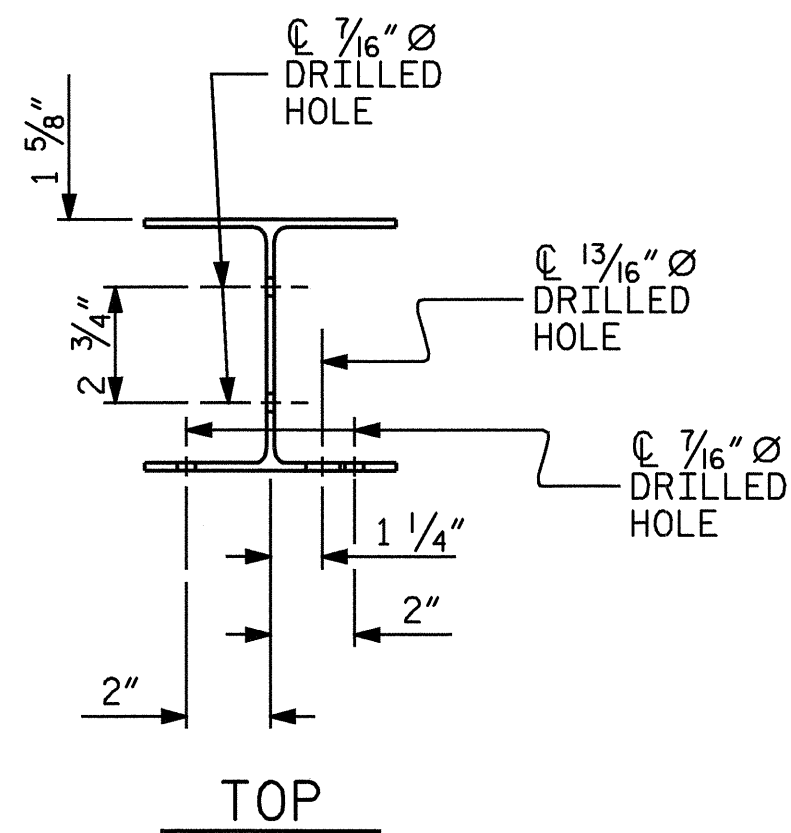
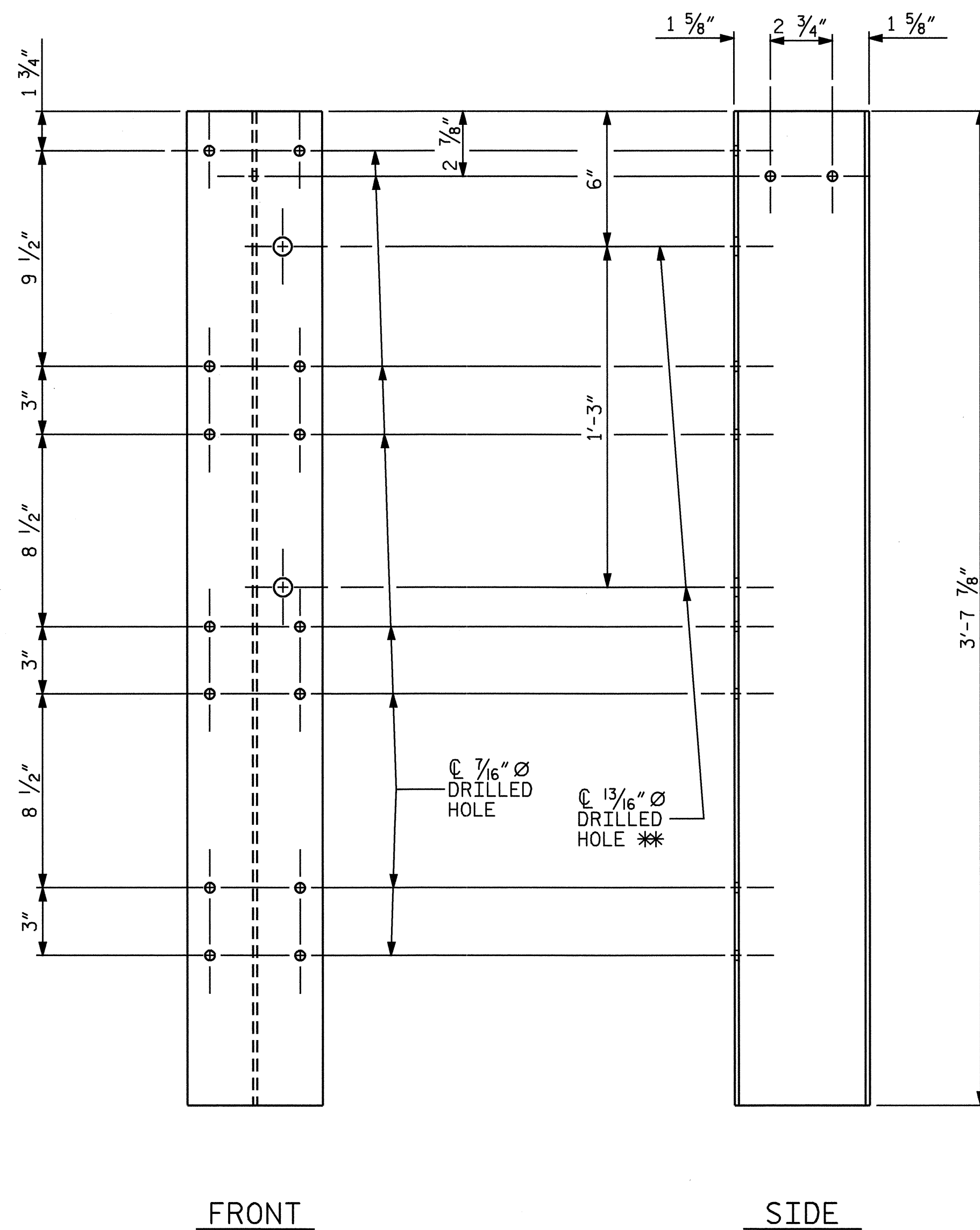


* THE CONTRACTOR SHALL PREDRILL THE 2 X 4 SIDE RAILS FOR THE LAG BOLTS.

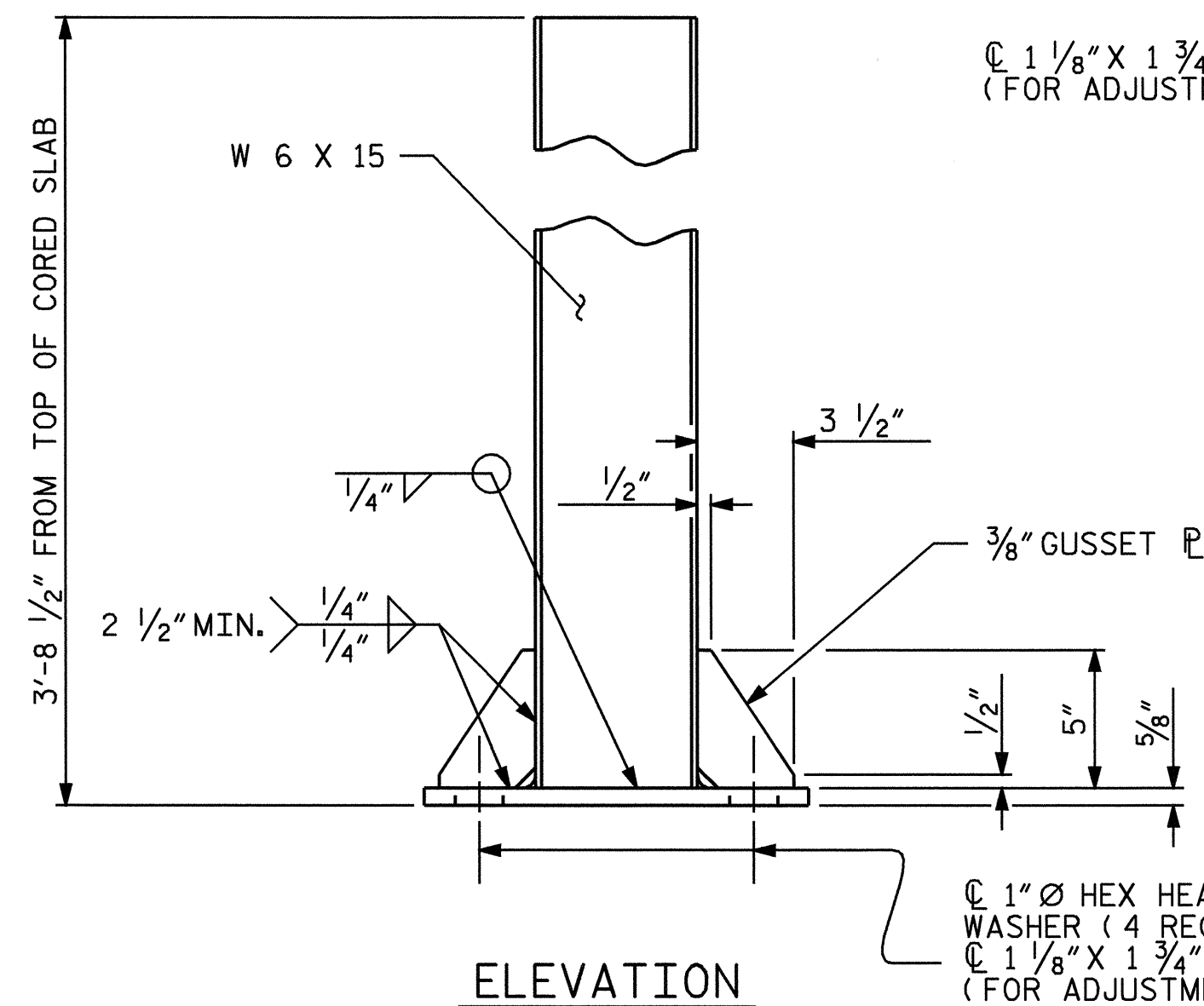
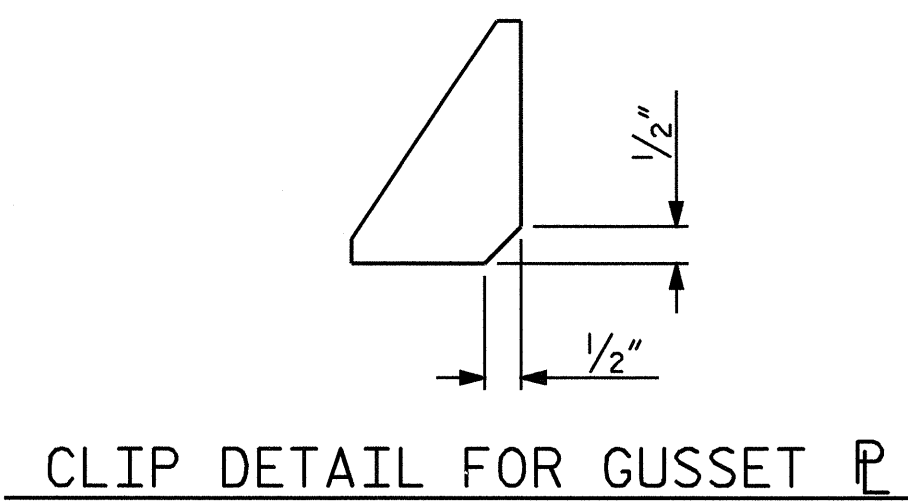


2 X 4 SIDE RAIL CONNECTION TO 2 X 10 TOP RAIL

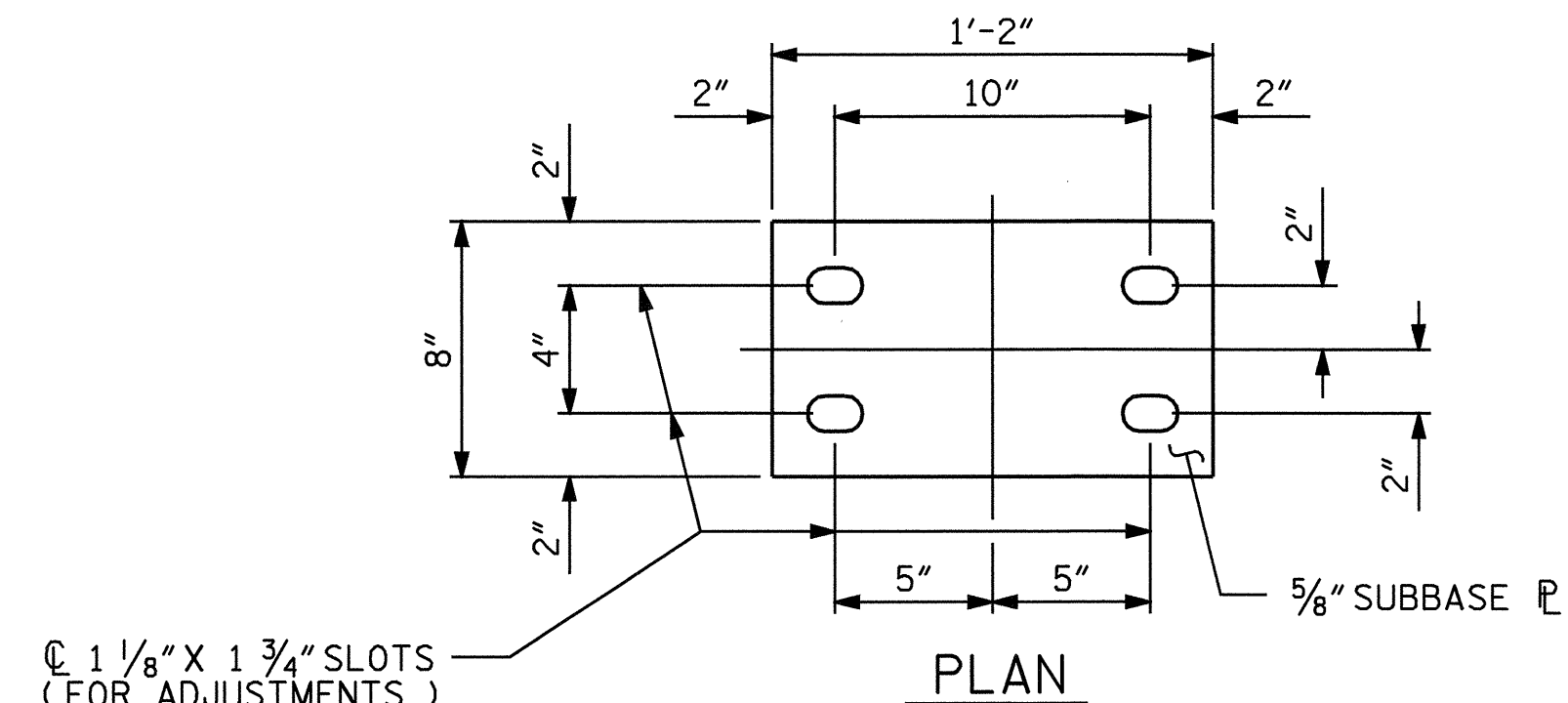


W 6 X 15 RAIL POST DETAILS
(102 REQ'D.)

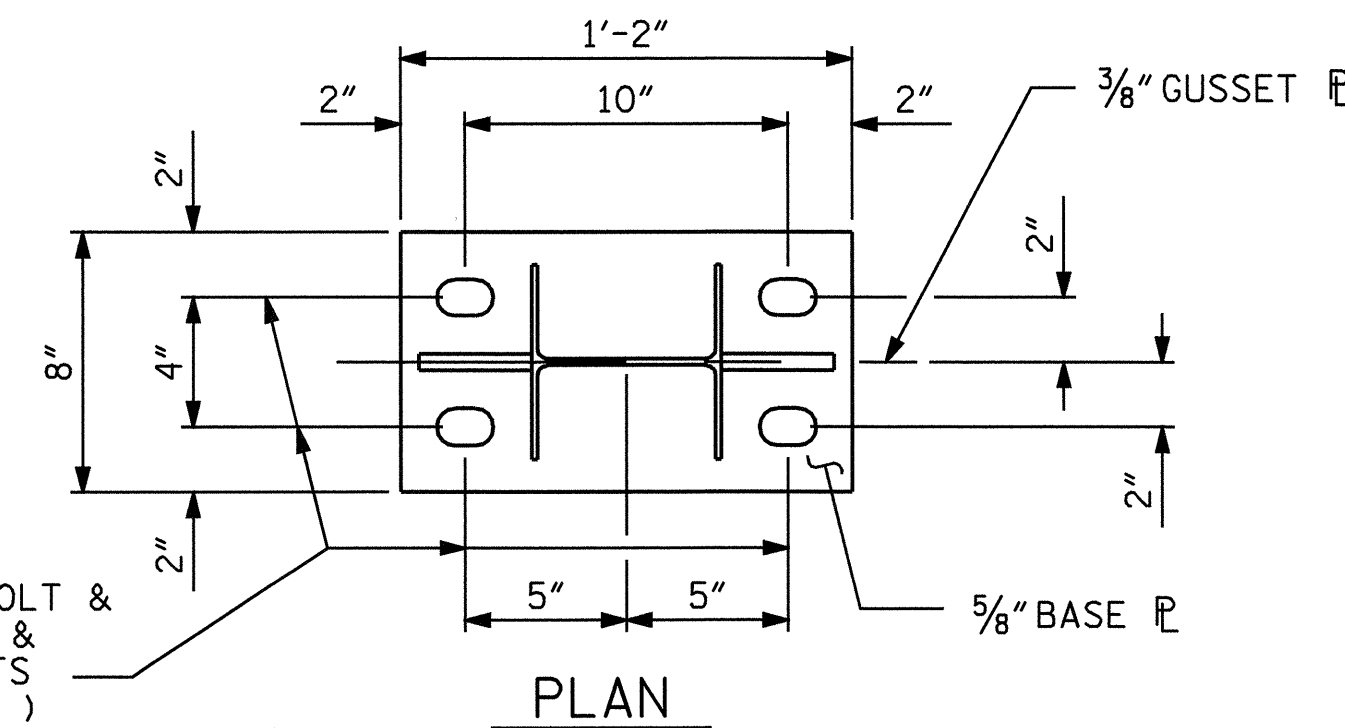
** PRE-DRILLED 13/16" Ø HOLES IN THE FRONT FACE TO BE USED FOR ATTACHMENT OF TEMPORARY GUARDRAIL.



BASE PLATE FOR RAIL POST
(102 REQ'D.)



SUBBASE PLATE
(16 REQUIRED FOR STAGE 1 OF EXISTING BRIDGE)



NOTES

POSTS, POST BASE PLATES, AND GUSSETS SHALL CONFORM TO THE REQUIREMENTS OF A.S.T.M. M270 GRADE 36 AND SHALL BE GALVANIZED AFTER FABRICATION TO CONFORM TO THE REQUIREMENTS OF A.S.T.M. A-123.

4 - 1" Ø X 2 1/2" BOLTS WITH WASHERS ARE REQUIRED FOR ANCHORAGE AT THE CORED SLAB UNIT LOCATIONS AND 4 - 1" Ø X 9 1/2" BOLTS WITH NUTS AND WASHERS ARE REQUIRED FOR ANCHORAGE AT THE EXISTING BRIDGE LOCATIONS. BOLTS SHALL CONFORM TO THE REQUIREMENTS OF ASTM A307. BOLTS, NUTS, AND WASHERS SHALL BE GALVANIZED. AT THE CONTRACTOR'S OPTION, STAINLESS STEEL BOLTS, NUTS, AND WASHERS MAY BE USED AS AN ALTERNATE FOR THE GALVANIZED BOLTS, NUTS, AND WASHERS. THEY SHALL CONFORM TO OR EXCEED THE MECHANICAL REQUIREMENTS OF ASTM A307. THE USE OF THIS ALTERNATE SHALL BE APPROVED BY THE ENGINEER.

THE CONTRACTOR SHALL DETERMINE THE QUANTITY OF BOLTS, NUTS, AND WASHERS AND THEIR COST SHALL BE INCLUDED IN THE PRICE BID FOR "RAILING SYSTEM.....LUMP SUM".

BASE PLATE BOLTS TO BE TIGHTENED ONE-HALF TURN WITH A WRENCH FROM A FINGER-TIGHT POSITION.

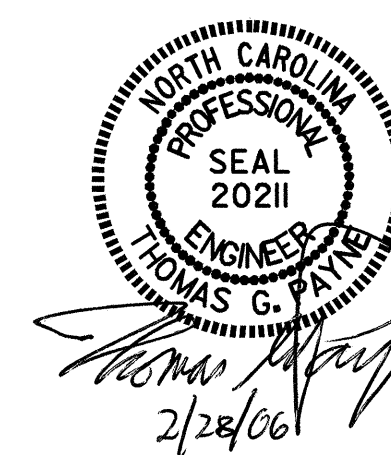
1/4" Ø X 4 1/2" LAG BOLTS AND WASHERS SHALL BE GALVANIZED.

PROJECT NO. B-3445
CURRITUCK COUNTY
STATION: 24+18.00 -L-

SHEET 3 OF 4

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

WOODEN RAIL RAIL POST & DETAILS



DRAWN BY: M. J. OSTRISHKO DATE: 12-12-01
CHECKED BY: T. G. PAYNE DATE: 4-18-02

28-FEB-2006 10:54
R:\Structures\B3445\Finalplans\B344501wr.dgn
tpayne

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	TOTAL SHEETS
1			3			S-29
2			4			44