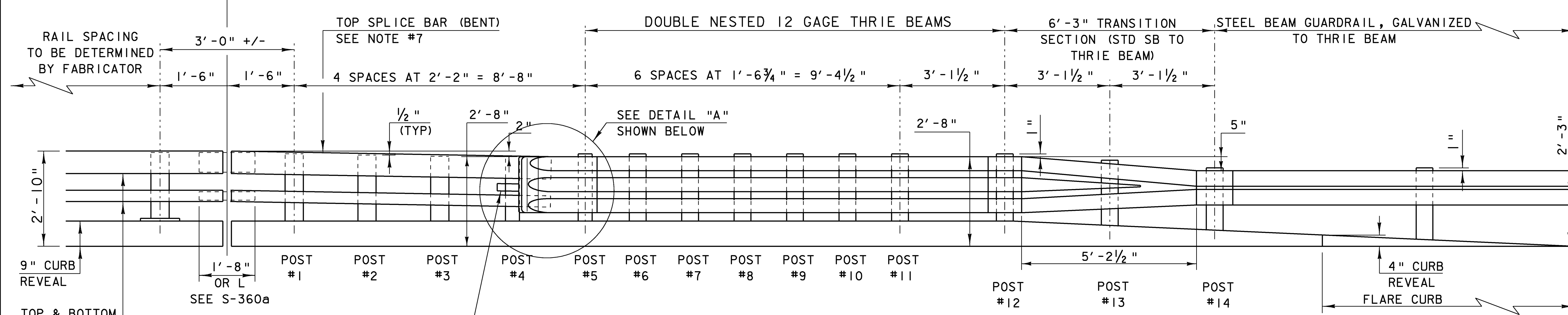


**RAILING TRANSITION PLAN**

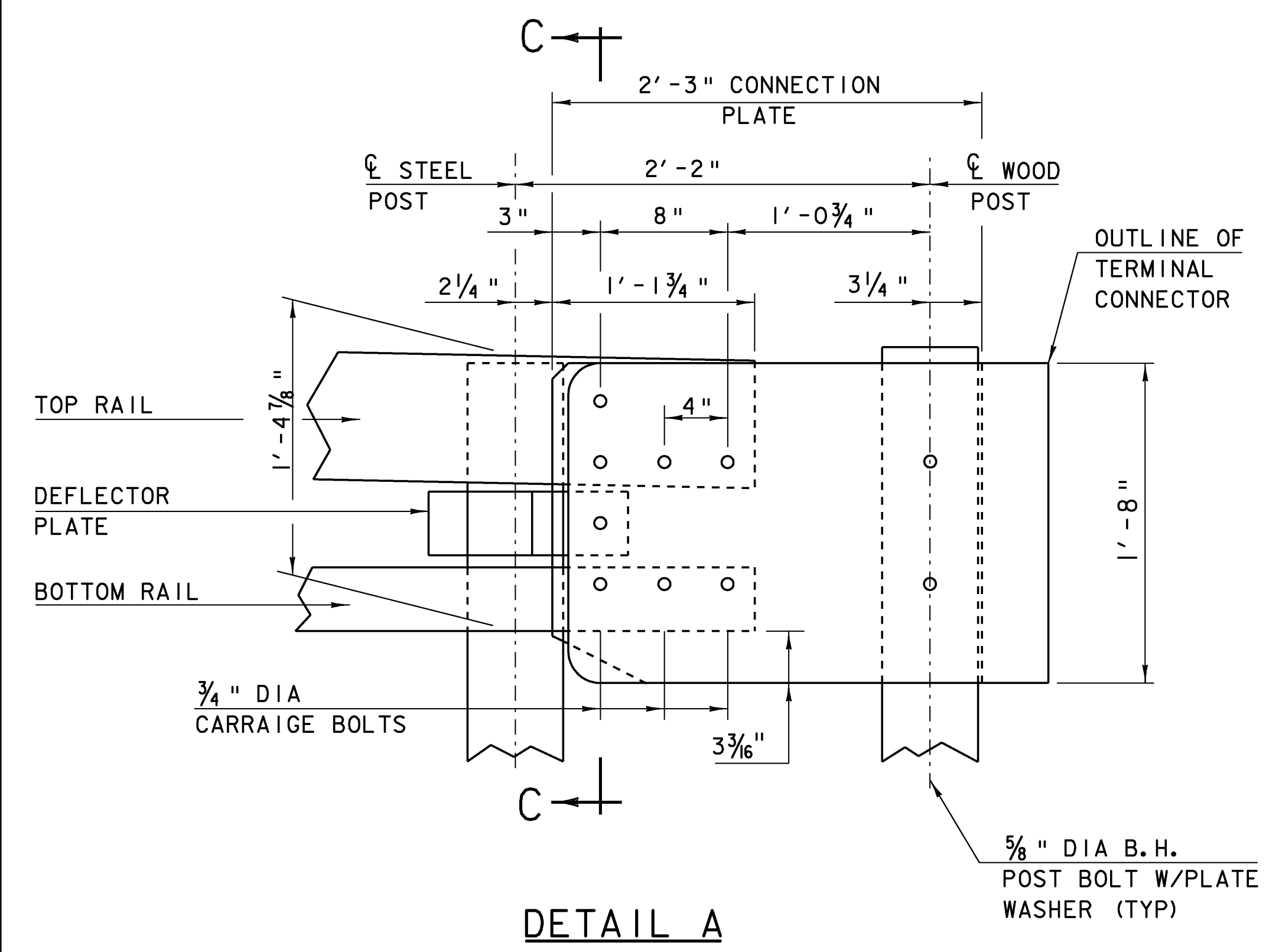


**RAILING TRANSITION ELEVATION**

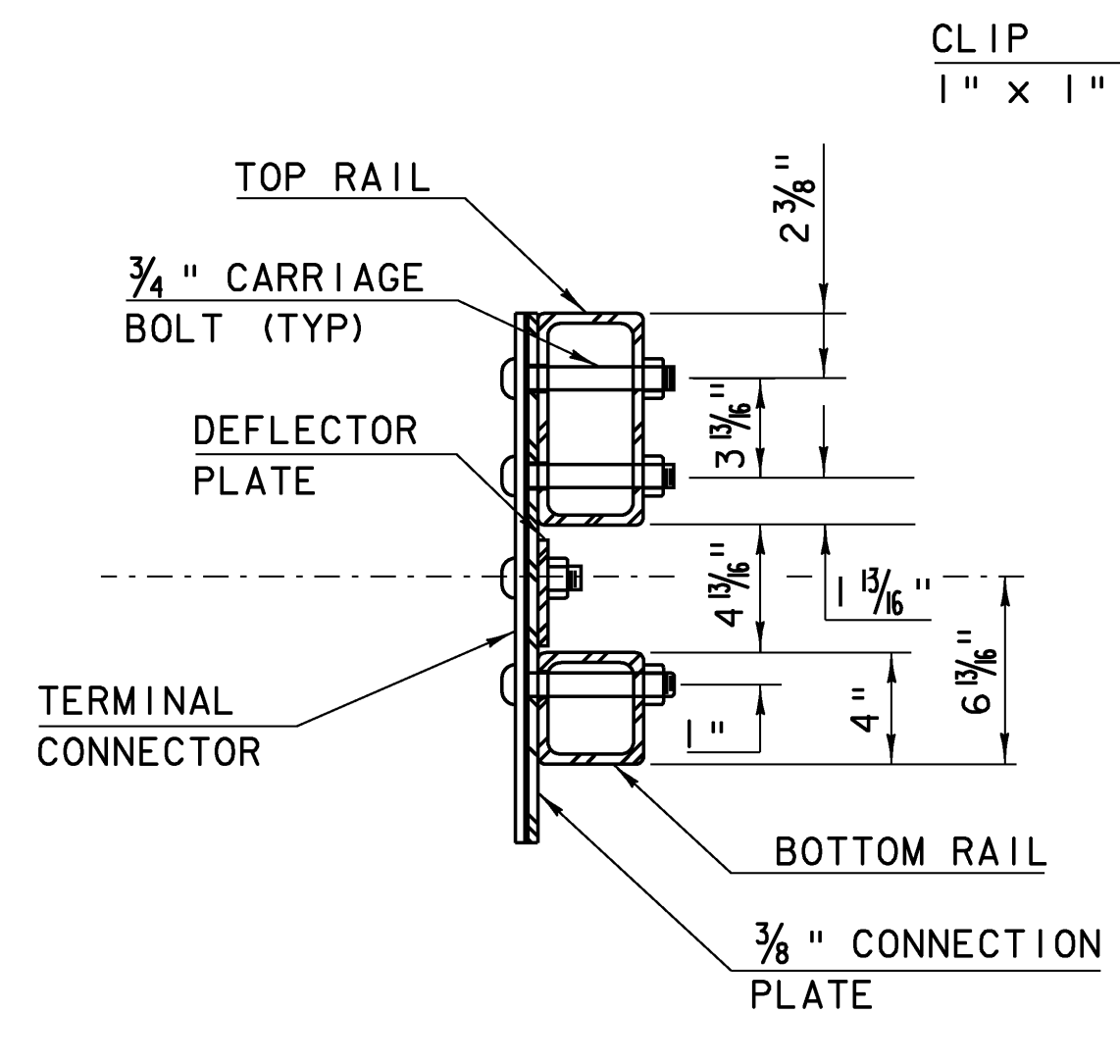
POST NUMBER	RAIL HEIGHT (A)	RAIL SPACING (B)	RAIL HEIGHT (C)
1	2'-9 1/2"	1'-3 3/4"	1'-5 3/4"
2	2'-9"	1'-3 1/2"	1'-5 1/2"
3	2'-8 1/2"	1'-3 3/16"	1'-5 5/16"
4	2'-8"	1'-2 7/8"	1'-5 1/8"

**NOTES**

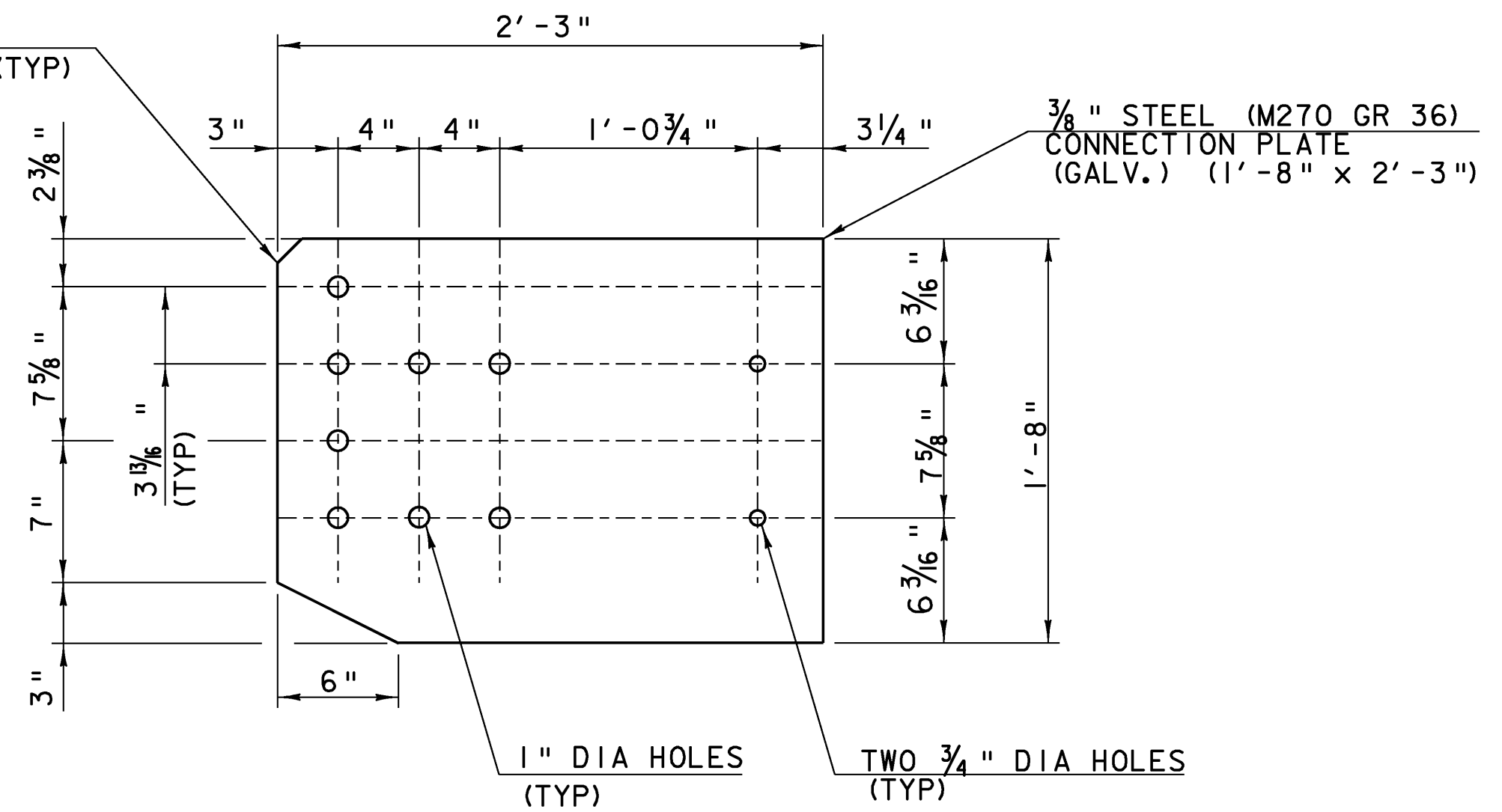
- REFER TO SHEET S-360a FOR ADDITIONAL DETAILS, NOTES AND MATERIAL SPECIFICATIONS.
- PAYMENT FOR GUARD RAIL APPROACH SECTION - GALVANIZED NETC 2 RAIL (THRIE BEAM) SHALL INCLUDE THE TERMINAL CONNECTOR, THE CONNECTION PLATE, THE DEFLECTOR PLATE, RAIL, POSTS, BLOCKS AND ATTACHMENT HARDWARE.
- RETRO REFLECTIVE MATERIAL SHALL MEET 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.
- ALL APPROACH RAIL SPLICES SHALL BE LAPPED IN THE DIRECTION OF TRAFFIC FLOW.
- TUBE AND STEEL POST MATERIALS, DIMENSION SIZES AND NOTES SHALL BE THE SAME AS THOSE OF THE BRIDGE RAIL, UNLESS OTHERWISE NOTED.
- APPROACH RAIL BOLTS SHALL BE ASTM A307 GRADE A AND NUTS SHALL BE AASHTO M291 (ASTM A563 GRADE A OR BETTER (GALVANIZED)). WASHERS SHALL BE ASTM F844.
- WELD TOP SPLICE BAR TO FIT BEND. USE COMPLETE PENETRATION WELD (B-U2).
- THE CONCRETE CURB WILL BE PAID FOR AS ITEM 616.28, "CAST-IN-PLACE CONCRETE CURB, TYPE B."



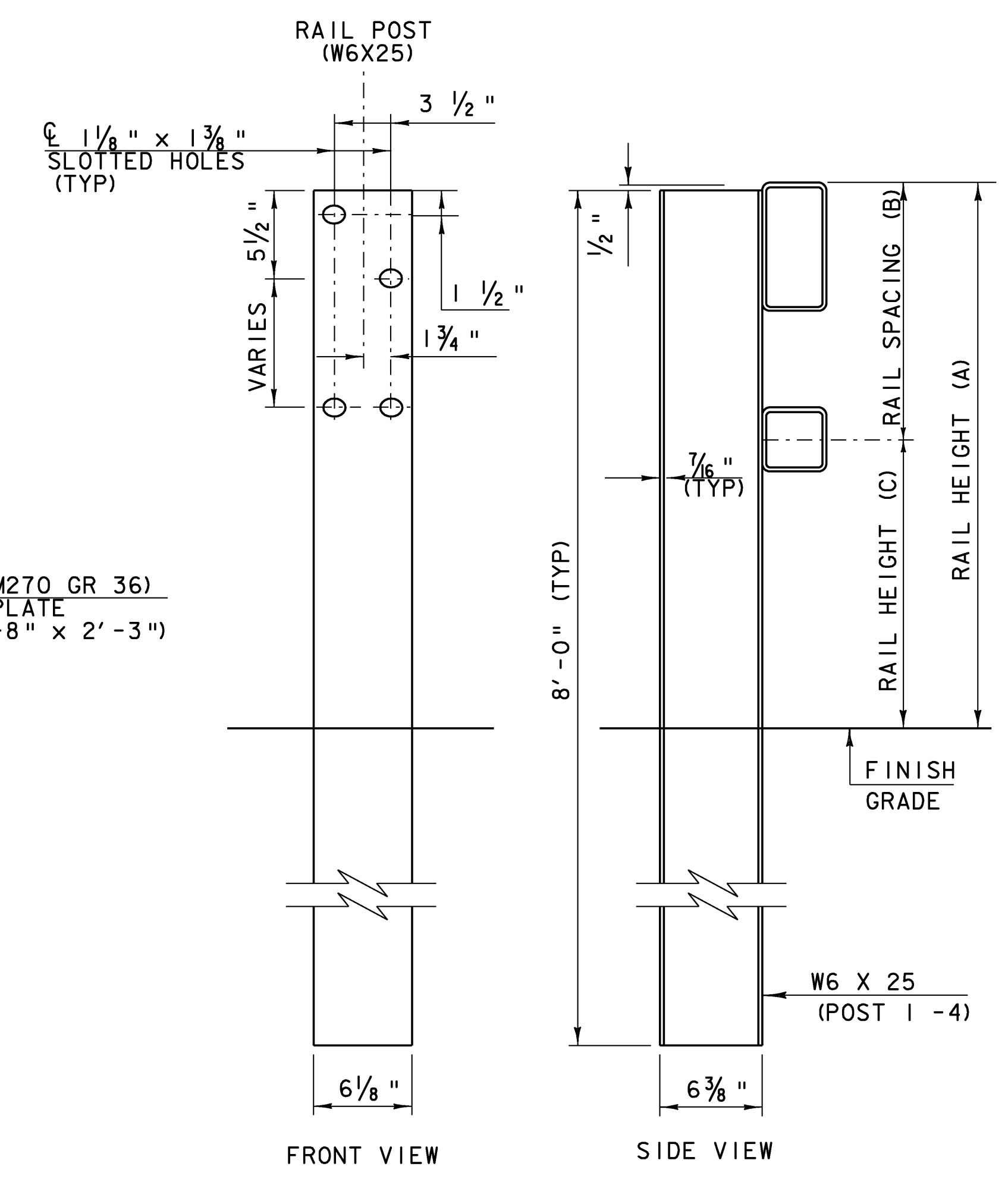
**DETAIL A**



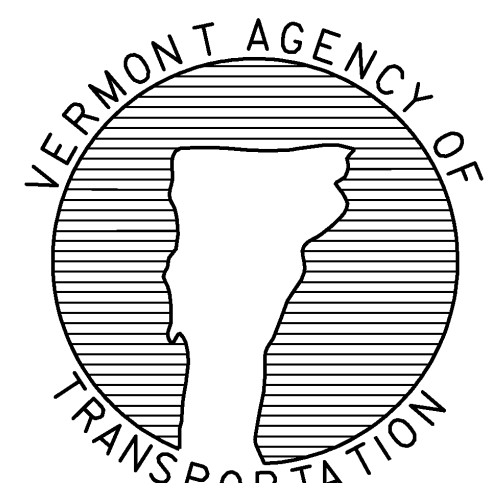
**SECTION C-C (CONNECTION PLATE)**



**CONNECTION PLATE**



**RAIL POST SECTION (POSTS 1-4)**



**DETAIL  
S-360b**

**BRIDGE RAILING - NETC 2 RAIL  
THRIE BEAM APPROACH RAIL**

**OTHER DETAILS REQUIRED: S-360a, S-360c**

PROJECT NAME: EAST MONTPELIER  
PROJECT NUMBER: STP 037-2(9)

FILE NAME: 78f200\str\sf200ral.dgn  
PROJECT LEADER: K. HIGGINS  
DESIGNED BY: STRUCTURES  
RAIL DETAIL SHEET

PLOT DATE: 14-JUL-2009  
DRAWN BY: STRUCTURES  
CHECKED BY: STRUCTURES  
SHEET 26 OF 67