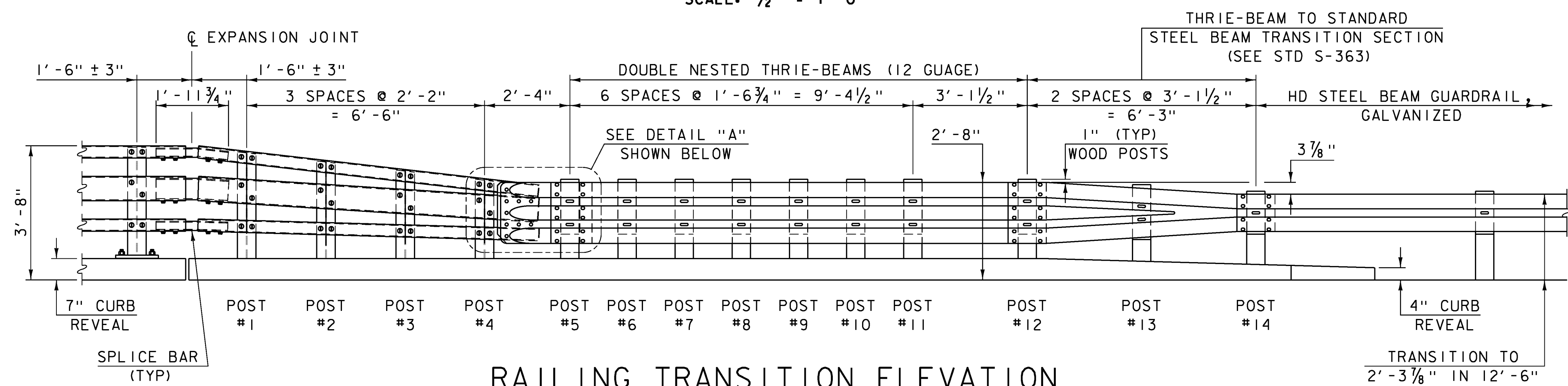


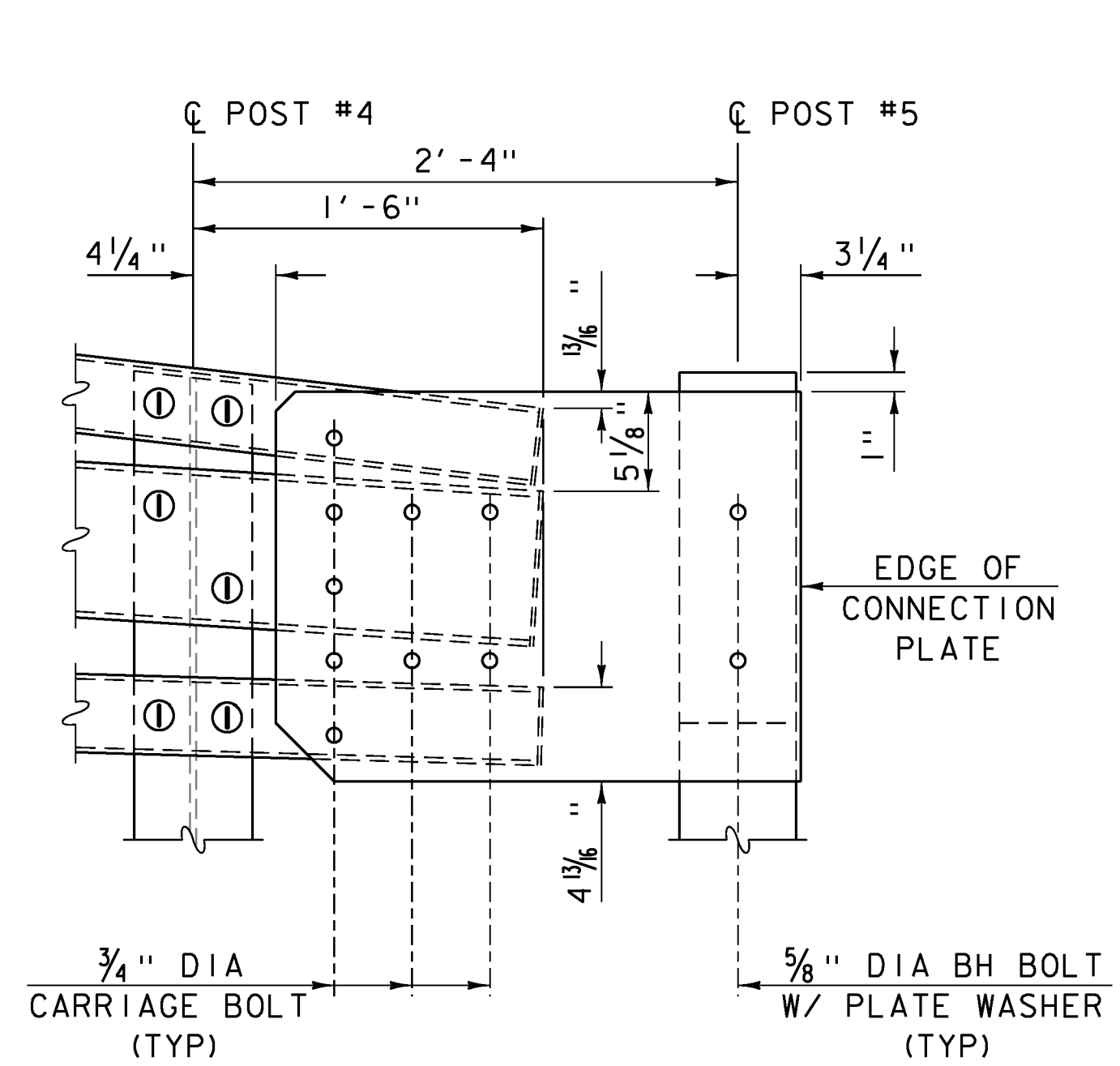
RAILING TRANSITION PLAN
SCALE: 1/2" = 1'-0"

NOTES

1. PAYMENT FOR GUARDRAIL APPROACH SECTION, GALVANIZED 3 RAIL BOX BEAM SHALL INCLUDE THE TERMINAL CONNECTOR, CONNECTION PLATE, RAIL, POSTS, BLOCKS AND ATTACHMENT HARDWARE.
2. ALL APPROACH RAIL SPLICES SHALL BE LAPPED IN THE DIRECTION OF TRAFFIC FLOW.
3. TUBE AND STEEL POST MATERIALS, DIMENSION SIZES AND NOTES SHALL BE THE SAME AS THOSE OF THE BRIDGE RAIL, UNLESS OTHERWISE NOTED.
4. 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.
5. WELD SPLICE BARS TO FIT BEND. USE COMPLETE PENETRATION WELD (B-U2).

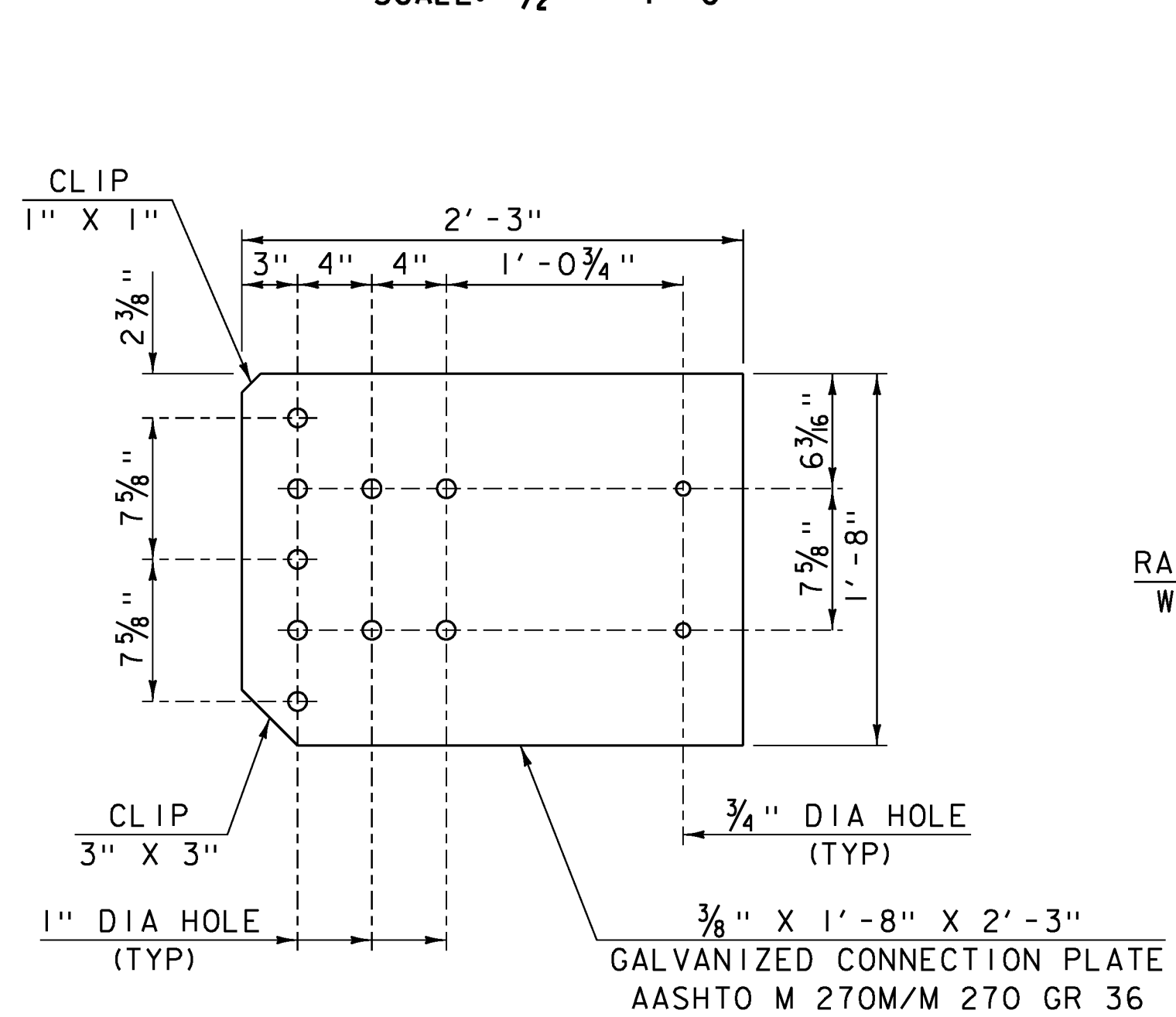


RAILING TRANSITION ELEVATION
SCALE: 1/2" = 1'-0"

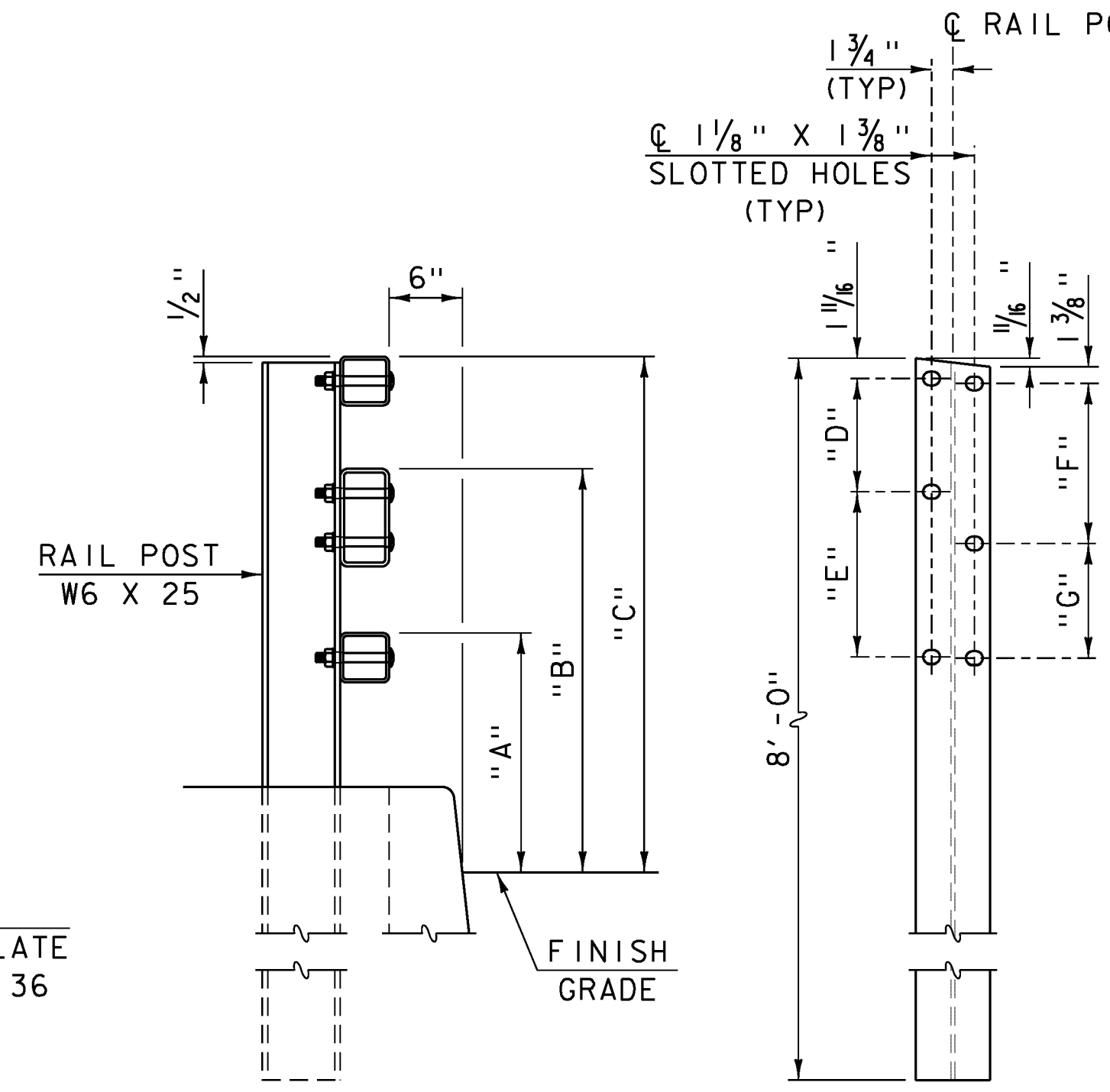


DETAIL "A"
SCALE: 1/2" = 1'-0"

NOTE:
THRIE-BEAM TERMINAL CONNECTOR
NOT SHOWN FOR CLARITY.



CONNECTION PLATE
SCALE: 1/2" = 1'-0"



RAIL POST DETAIL
SCALE: 1" = 1'-0"

APPROACH RAIL DIMENSIONS

POST NO.	DIMENSION						
	"A"	"B"	"C"	"D"	"E"	"F"	"G"
1	1' - 7 9/16"	2' - 9"	3' - 5 11/16"	9 1/4"	1' - 1 1/2"	1' - 1 1/8"	9 3/8"
2	1' - 6 13/16"	2' - 7 3/8"	3' - 2 1/16"	7 15/16"	1' - 0 5/8"	11 3/4"	8 7/16"
3	1' - 6 1/16"	2' - 5 11/16"	2' - 11 1/16"	6 5/8"	11 1/16"	10 7/16"	7 3/16"
4	1' - 5 5/16"	2' - 4 1/16"	2' - 8 3/4"	5 1/4"	10 3/4"	9 1/8"	6 5/8"

PROJECT NAME: STOWE
PROJECT NUMBER: BRF 029-1(17)

FILE NAME: s85e037rail.dgn
PROJECT LEADER: C. CARLSON
DESIGNED BY: H. I. SALLS
APPROACH RAILING DETAILS

PLOT DATE: 17-JUN-2013
DRAWN BY: G. ROY
CHECKED BY: H. I. SALLS
SHEET 34 OF 70