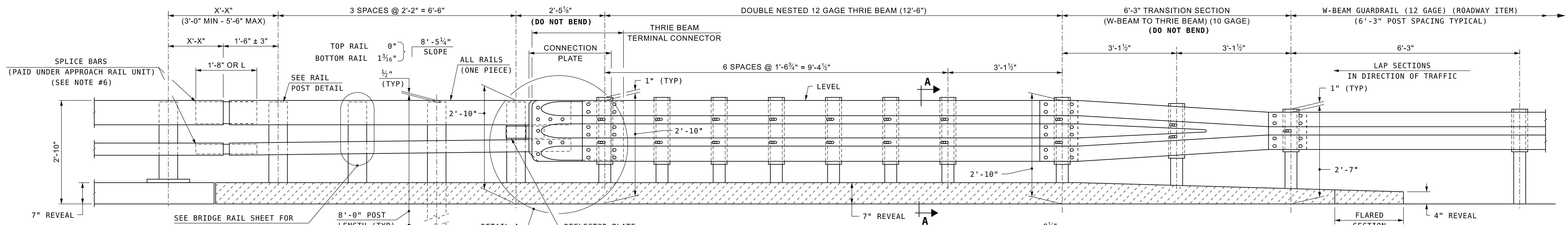


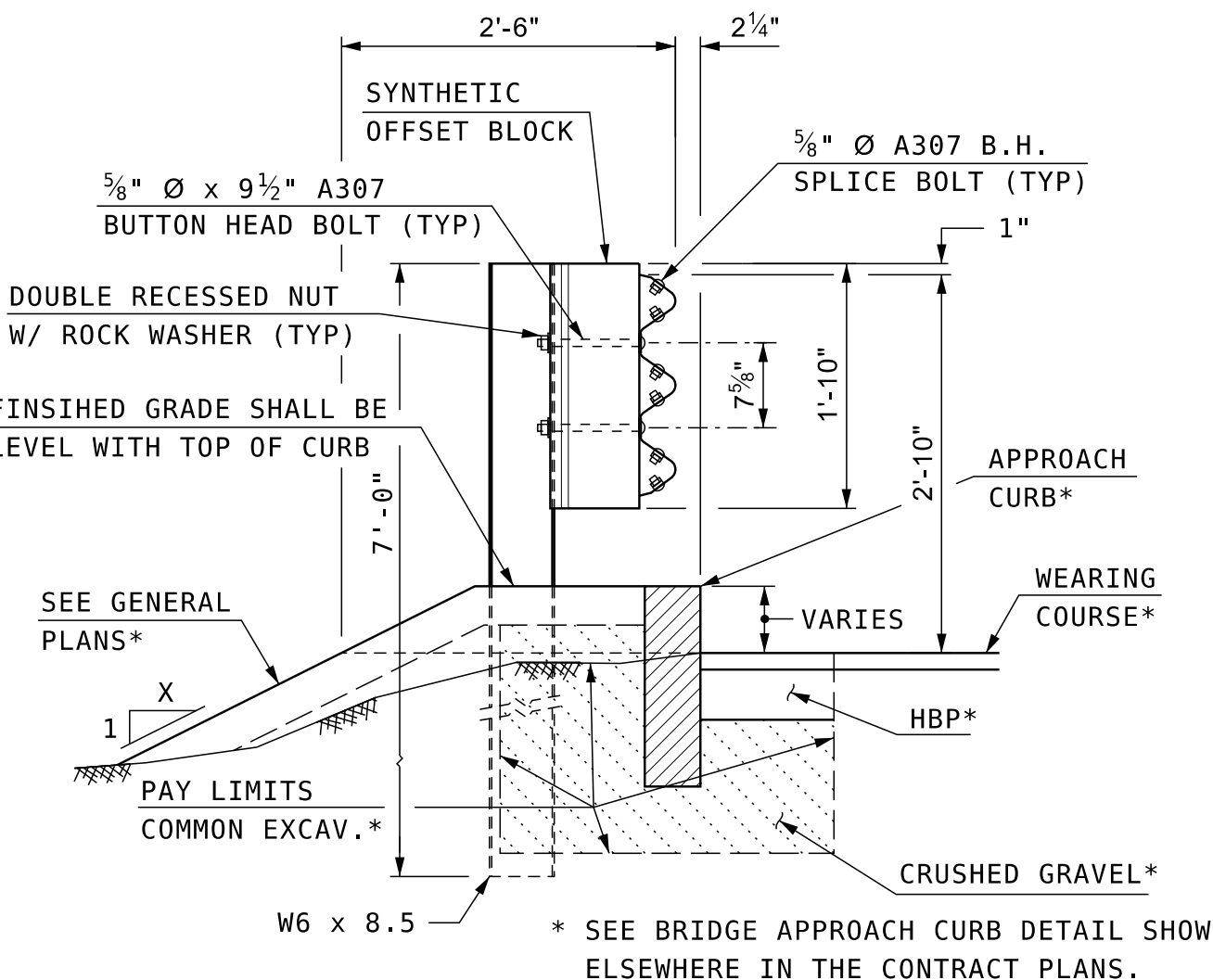
PLAN VIEW - APPROACH RAIL

SCALE: 3/4" = 1'-0"



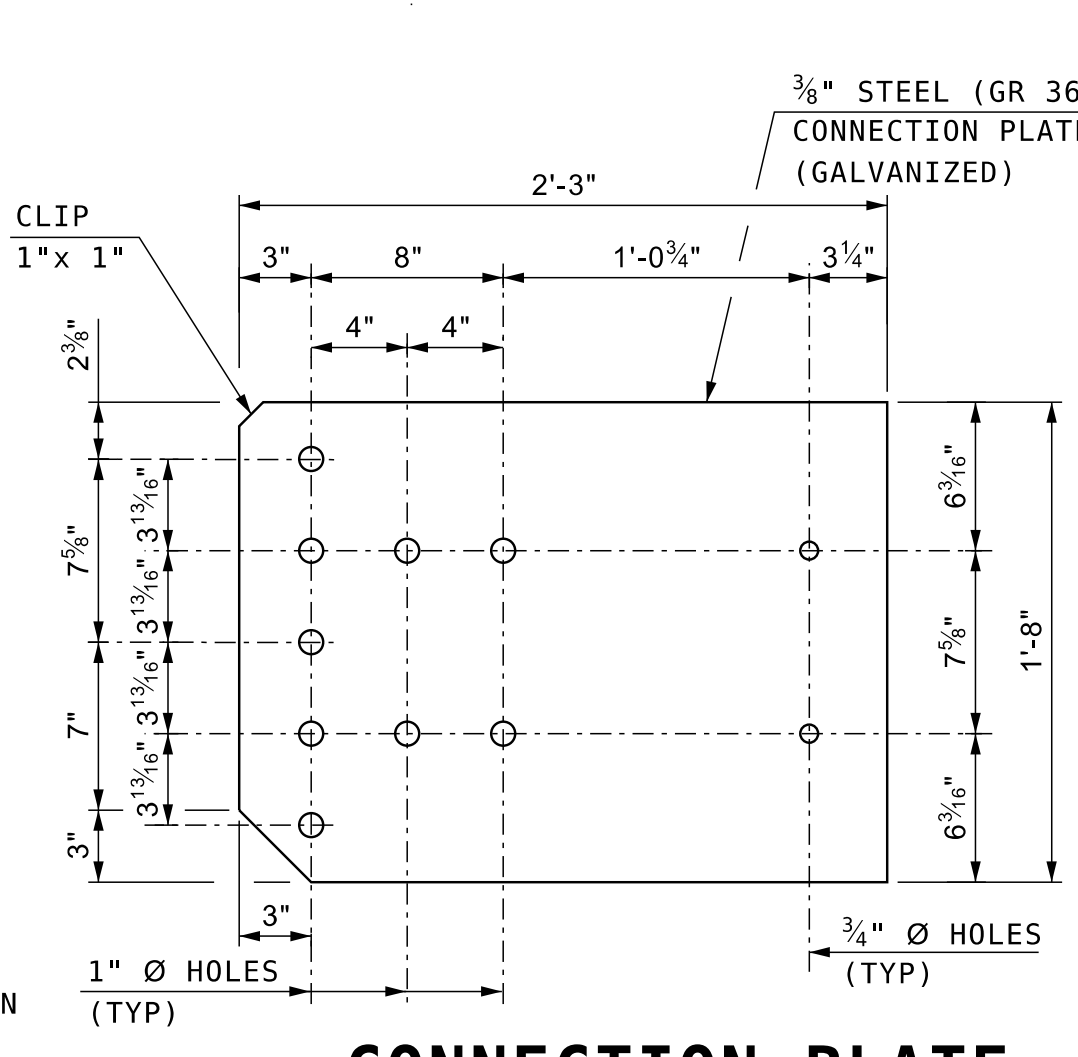
ELEVATION - APPROACH RAIL

SCALE: 3/4" = 1'-0"



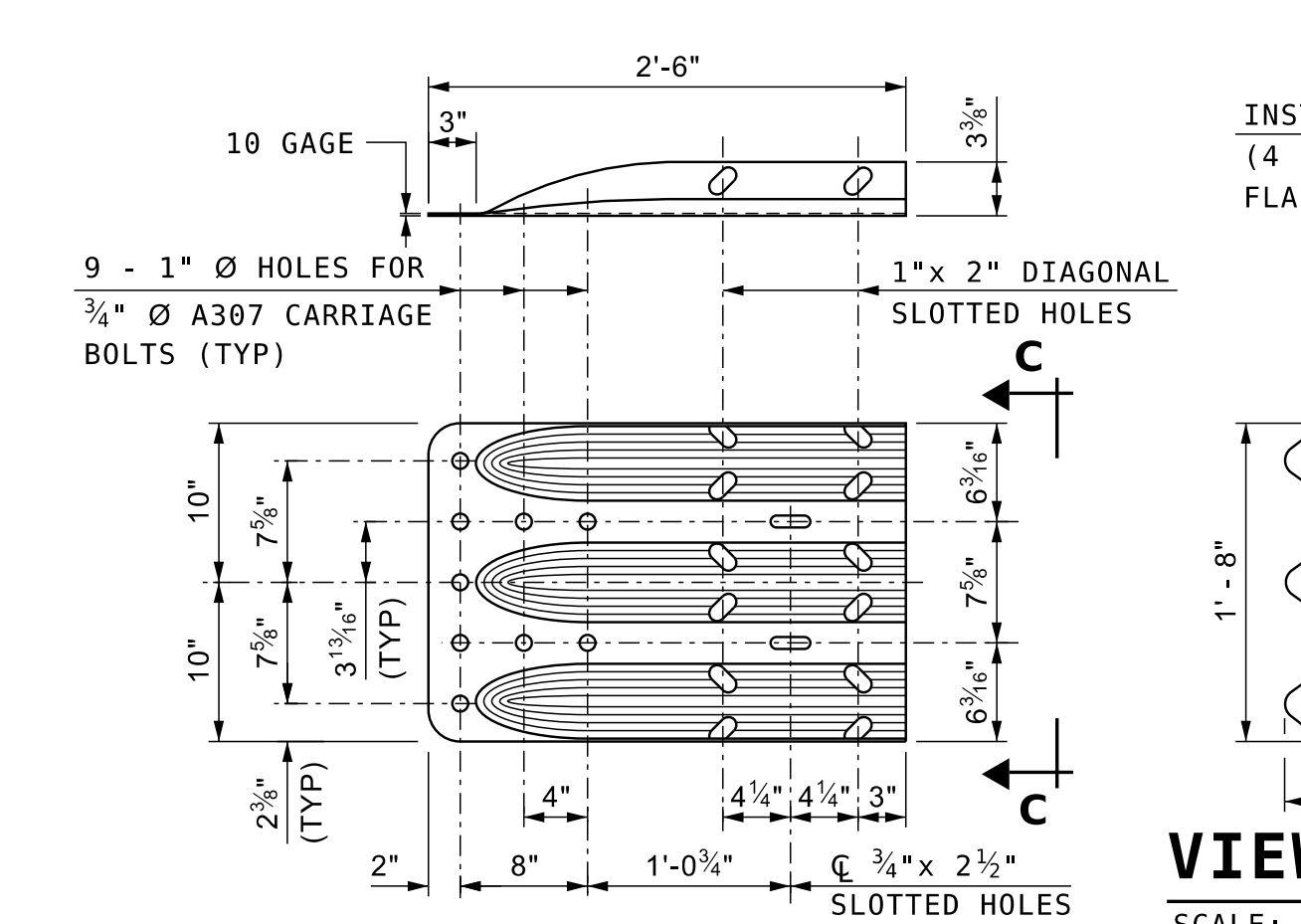
SECTION A-A (POST RAIL ASSEMBLY)

SCALE: 3/4" = 1'-0"



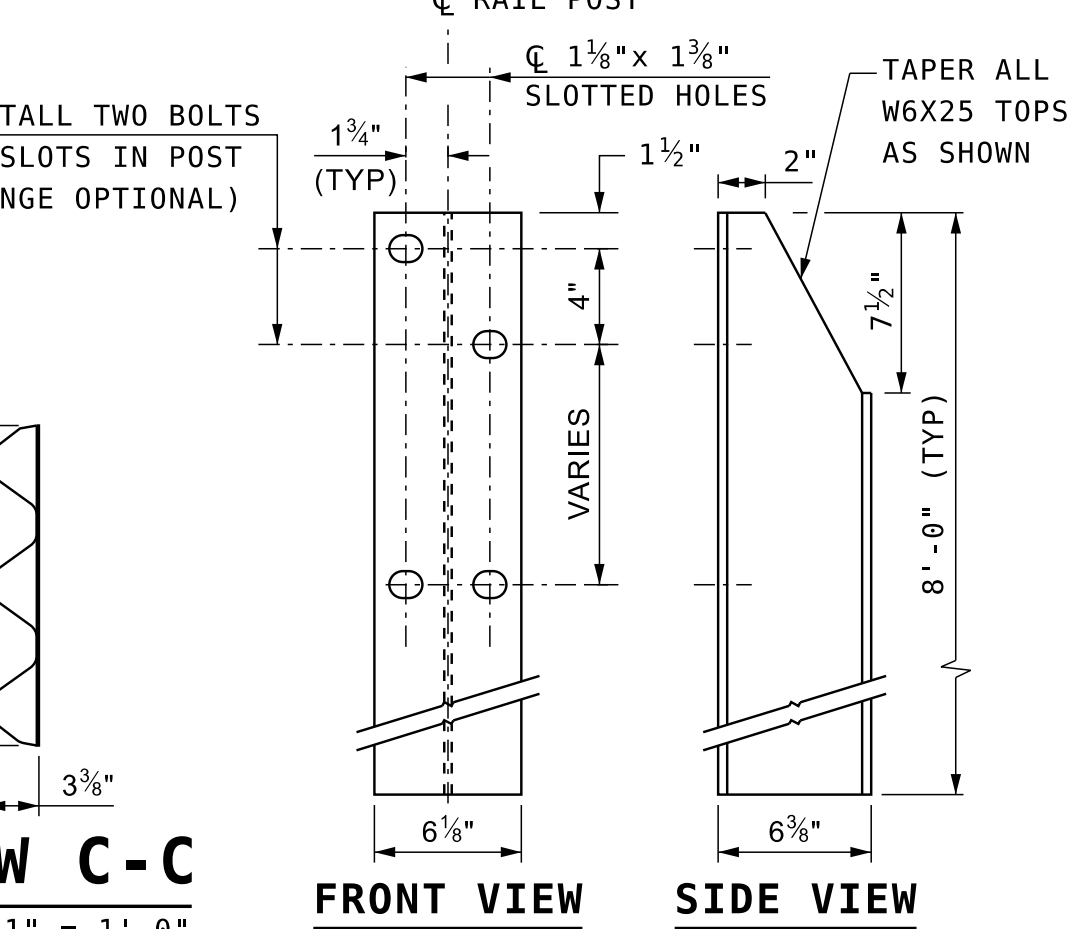
CONNECTION PLATE

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



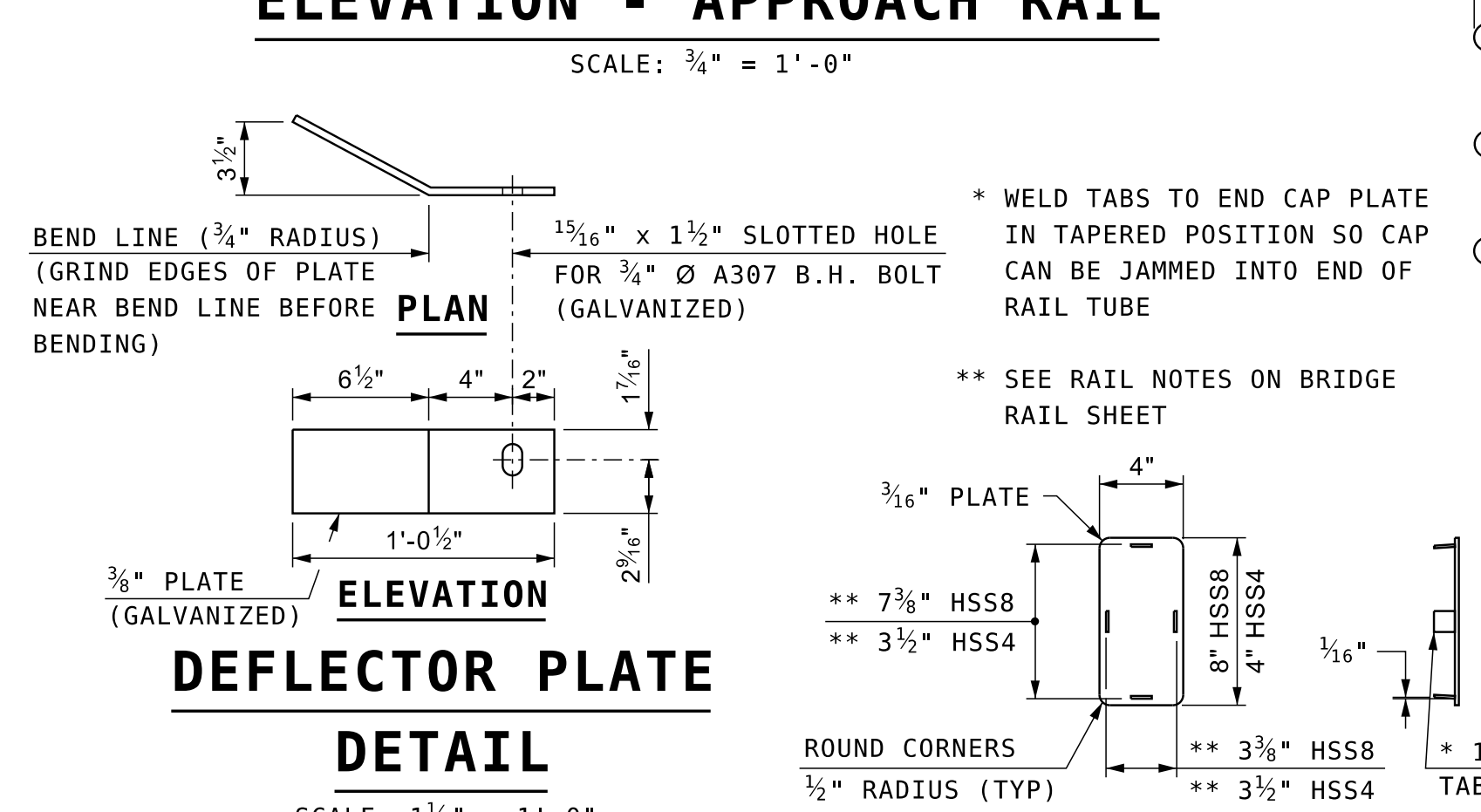
THRIE-BEAM TERMINAL CONNECTOR

SCALE: 1" = 1'-0"



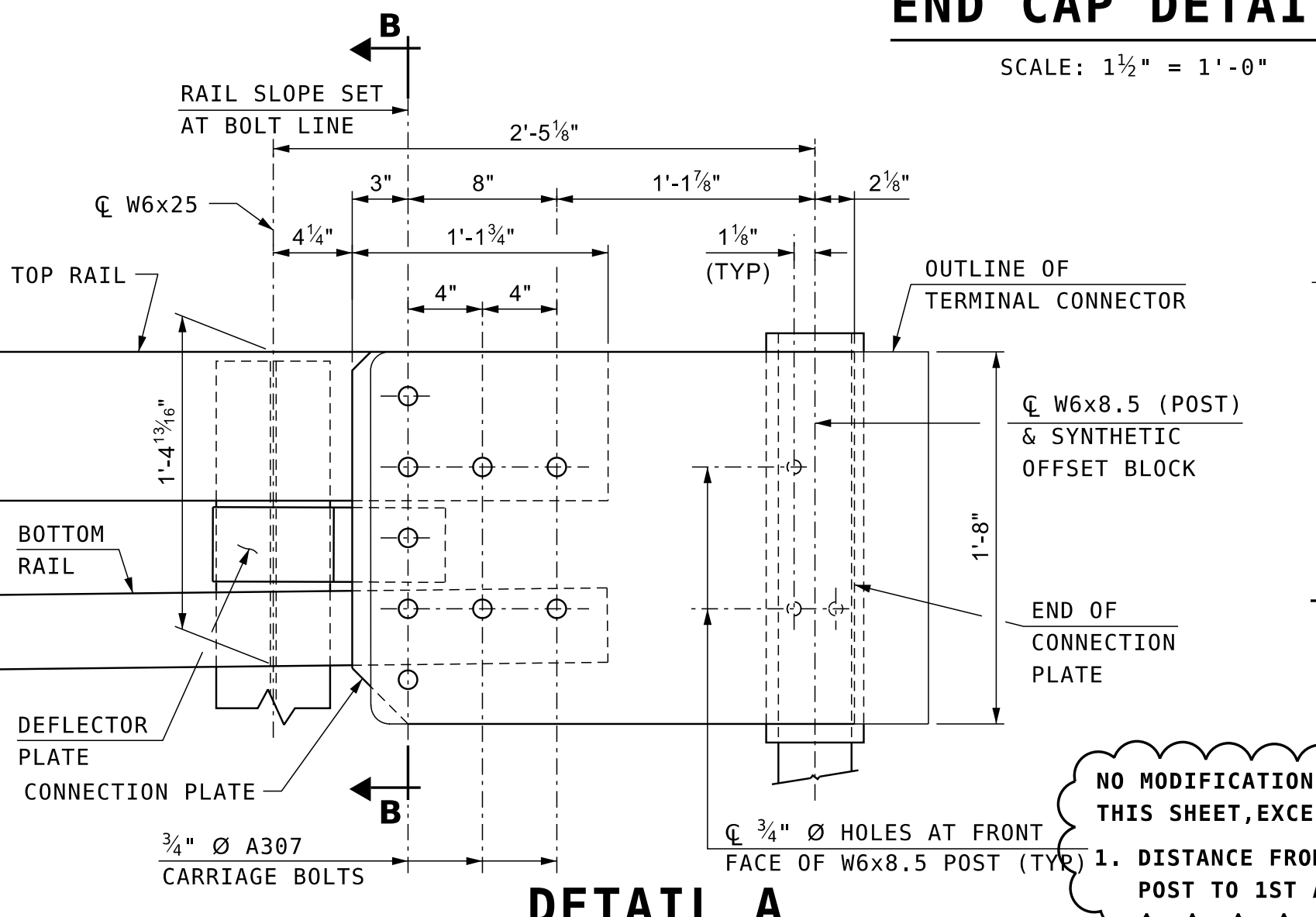
RAIL POST (W6x25)

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



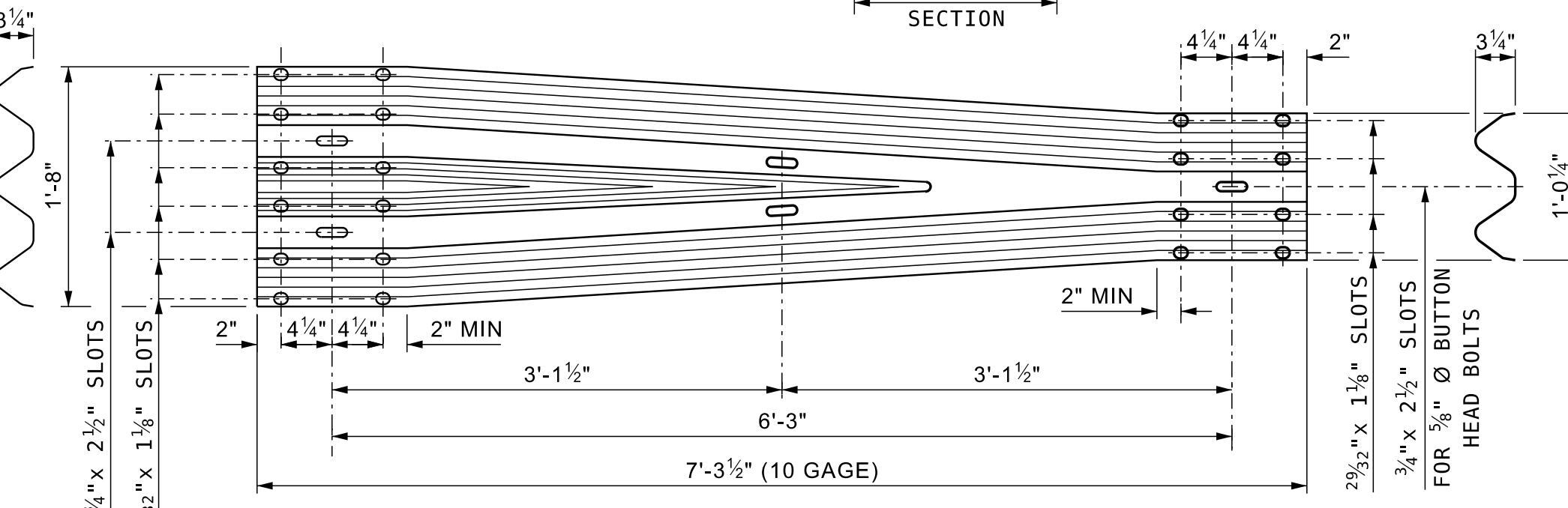
DEFLECTOR PLATE DETAIL

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



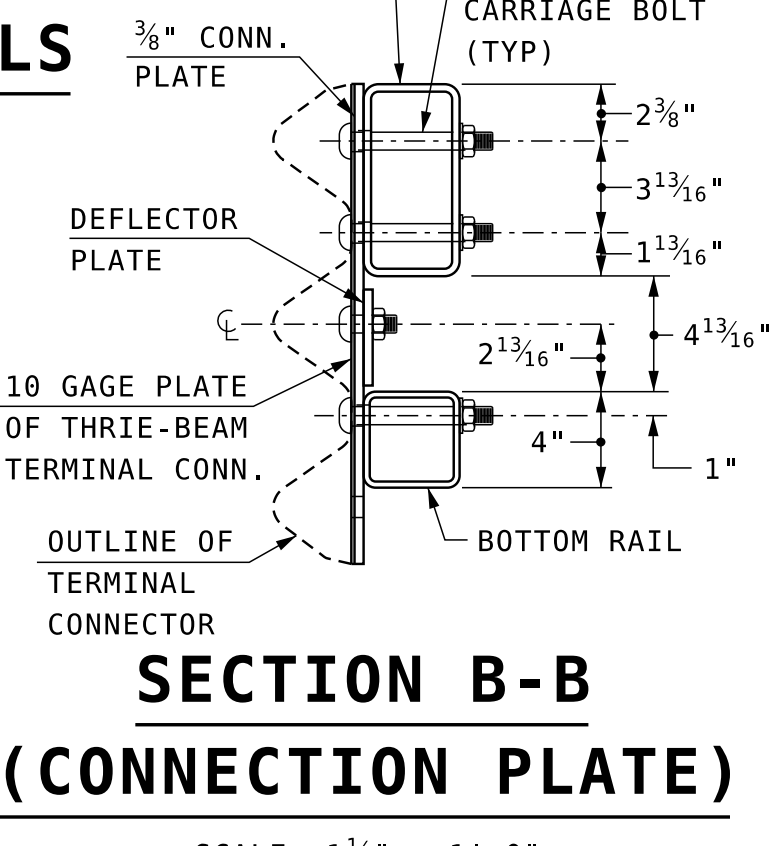
DETAIL A

OVERLAPPING OF DOUBLE NESTED THRIE-BEAM NOT SHOWN FOR CLARITY
SCALE: 1 1/2" = 1'-0"



THRIE-BEAM TO W-BEAM TRANSITION SECTION

SCALE: 1" = 1'-0"



SECTION B-B (CONNECTION PLATE)

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

- NOTES:**
- FOR USE ON LOCAL CONNECTORS AND LOCAL ROADS WITH POSTED SPEEDS ≤ 45 MPH.
 - MEETS MASH TL-3 BY LS-DNYA SIMULATION: "DEVELOPEMENT OF MASH COMPUTER SIMULATED STEEL BRIDGE RAIL AND TRANSITION DETAILS" (NETC), APRIL 2020. FIELD PERFORMANCE CRASHWORTHINESS (29 YEARS): "IN-SERVICE PERFORMANCE EVALUATION OF NETC BRIDGE RAILING", JUNE 2022. CRASH TESTED (NETC 2005) AND ACCEPTED AS NCHRP 350 TL-4 (FHWA LETTER: HSSD/B-146, JULY 2008).
 - ALL BRIDGE APPROACH RAIL MATERIALS, DIMENSIONS, SIZES, AND NOTES SHALL BE THE SAME AS THOSE OF THE BRIDGE RAIL, UNLESS OTHERWISE NOTED. SEE BRIDGE RAIL SHEET FOR NOTES AND ADDITIONAL INFORMATION.
 - W6 x 25 POSTS SHALL BE THE SAME MATERIAL AS THE BRIDGE RAIL POSTS. W6 x 8.5 POSTS SHALL BE THE SAME AS W-BEAM GUARDRAIL POSTS.
 - CARRIAGE BOLTS SHALL BE ASTM A307, AND NUTS SHALL BE ASTM A563 GRADE A OR BETTER (GALVANIZED).
 - WELD BARS ADJUSTED FOR SLOPE & BEND. USE COMPLETE JOINT PENETRATION BUTT WELD (B-U2).
 - ALL COMPONENTS, EXCEPT TUBULAR RAIL, SHALL CONFORM TO SECTION 606 OF NHDOT SPECIFICATIONS.

STATE OF NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION * BUREAU OF BRIDGE DESIGN					
TOWN	BRIDGE NO.		STATE PROJECT		
LOCATION	T2 STEEL BR APP RAIL (STEEL POSTS)				
REVISIONS AFTER PROPOSAL	DESIGNED	NETC/JSZ	3/02	CHECKED	NHDOT
	DRAWN	PJP	5/08	CHECKED	JSZ
	QUANTITIES	xxx	xx/xx	CHECKED	xxx
	ISSUE DATE	11/15/05	FEDERAL PROJECT NO.	SHEET NO.	TOTAL SHEETS
	REV. DATE	9/27/23			

NO MODIFICATIONS PERMITTED TO THIS SHEET, EXCEPT AS NOTED BELOW:

1. DISTANCE FROM LAST BRIDGE POST TO 1ST APPROACH POST.

SUBDIRECTORY	.DGN LOCATOR	SHEET SCALE
BR-RAIL-ST	T2 BR-APP-RAIL	AS NOTED