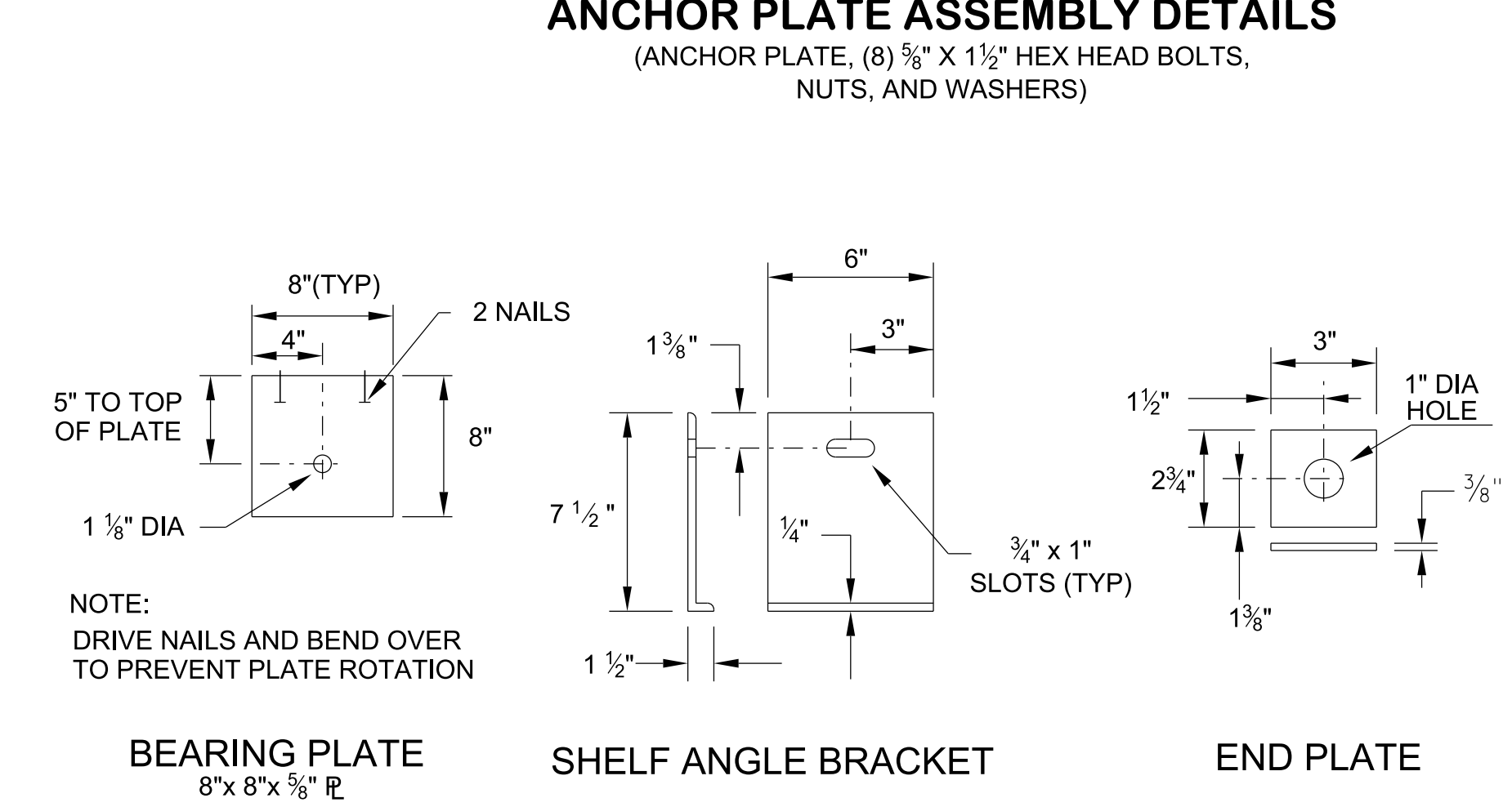
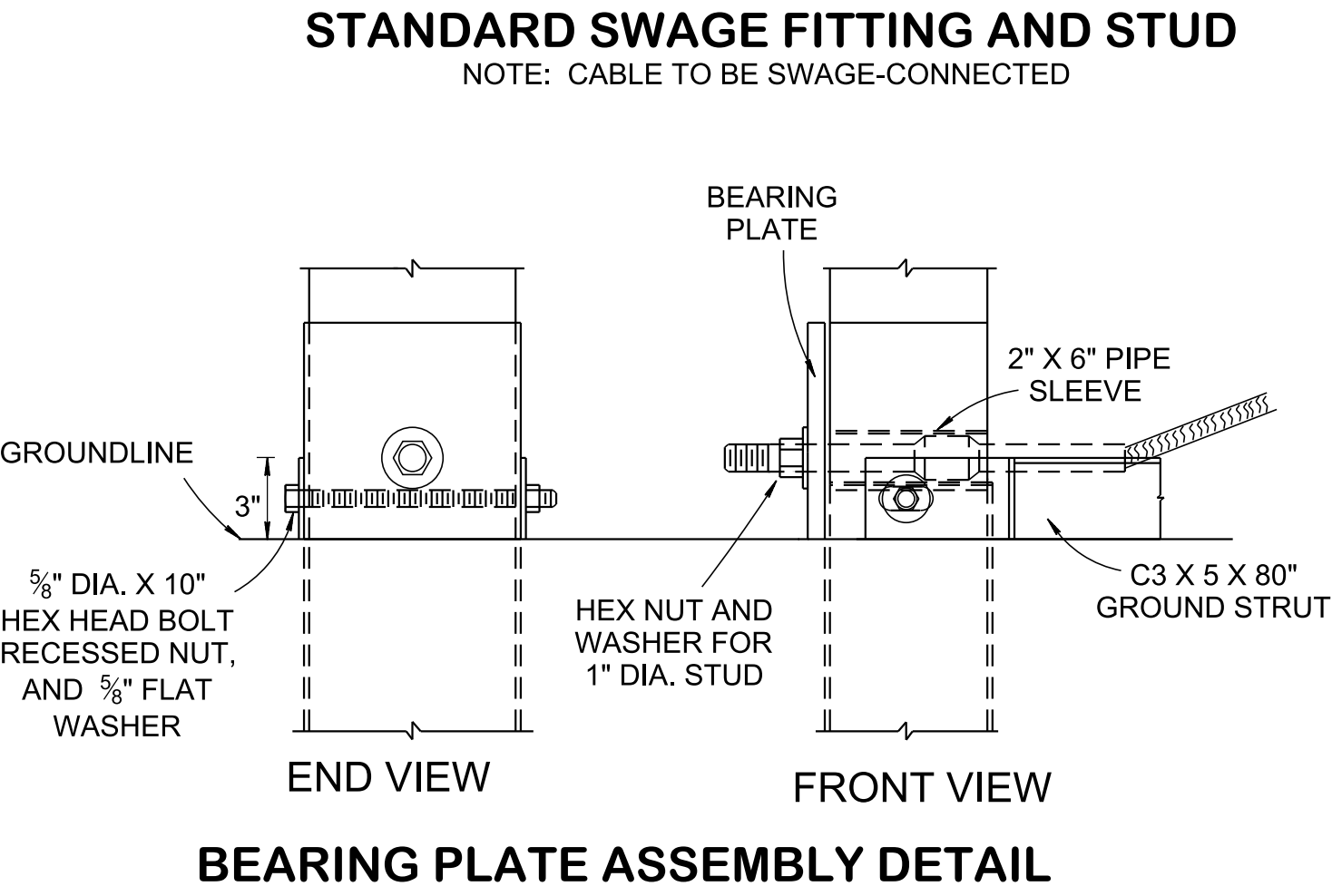
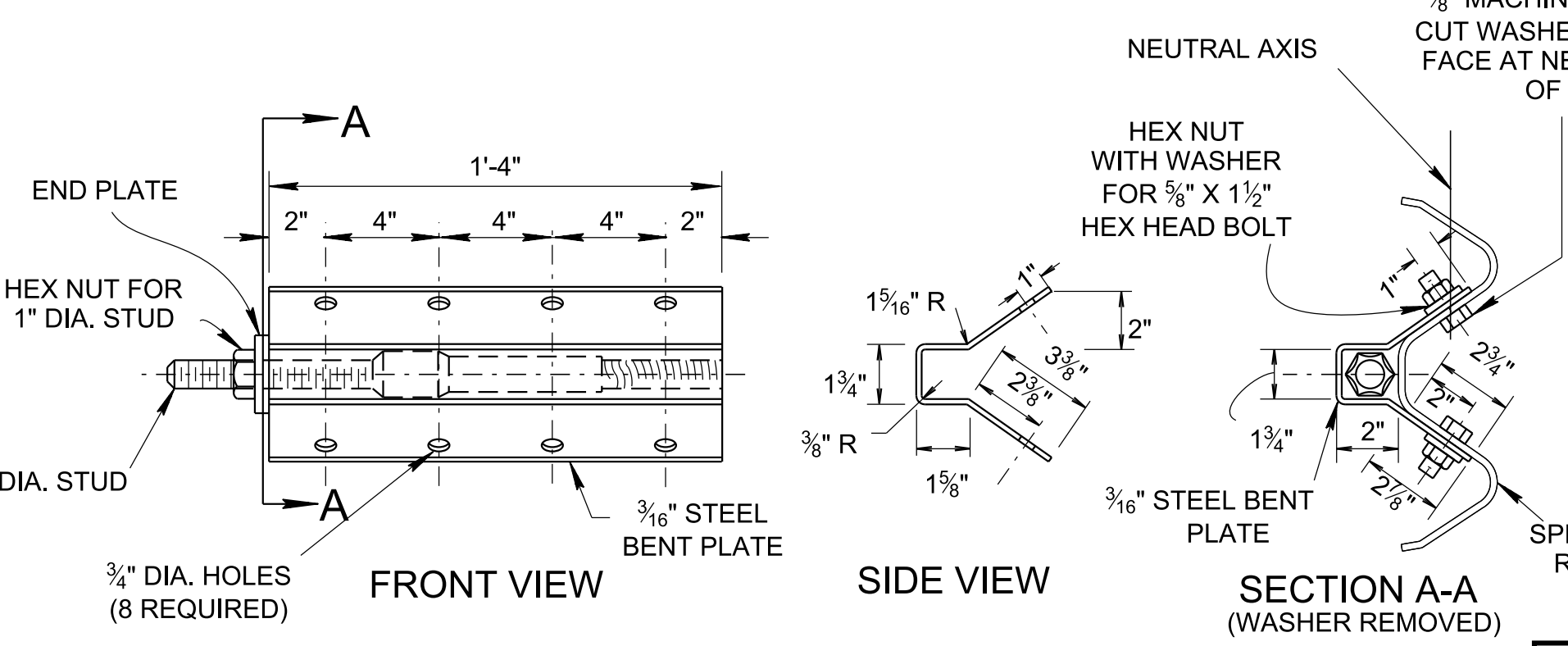
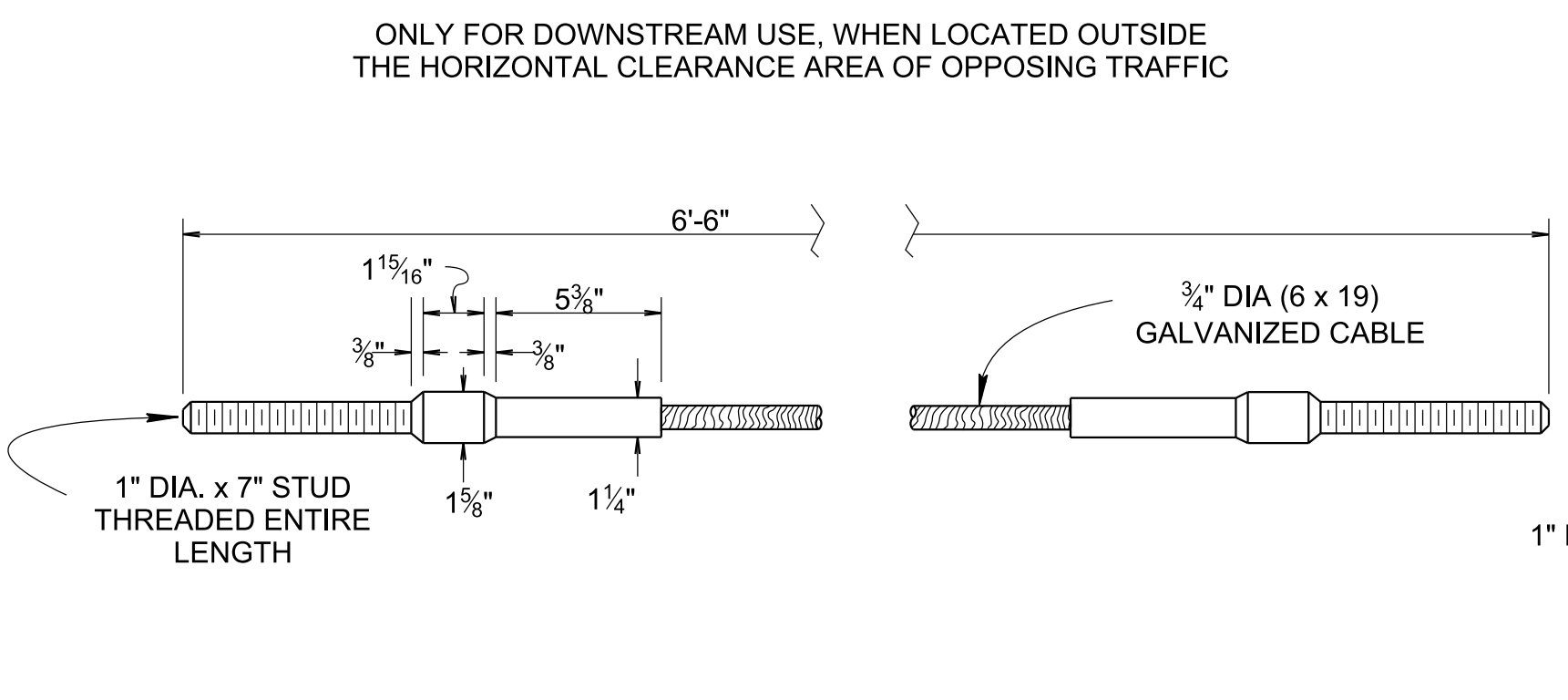
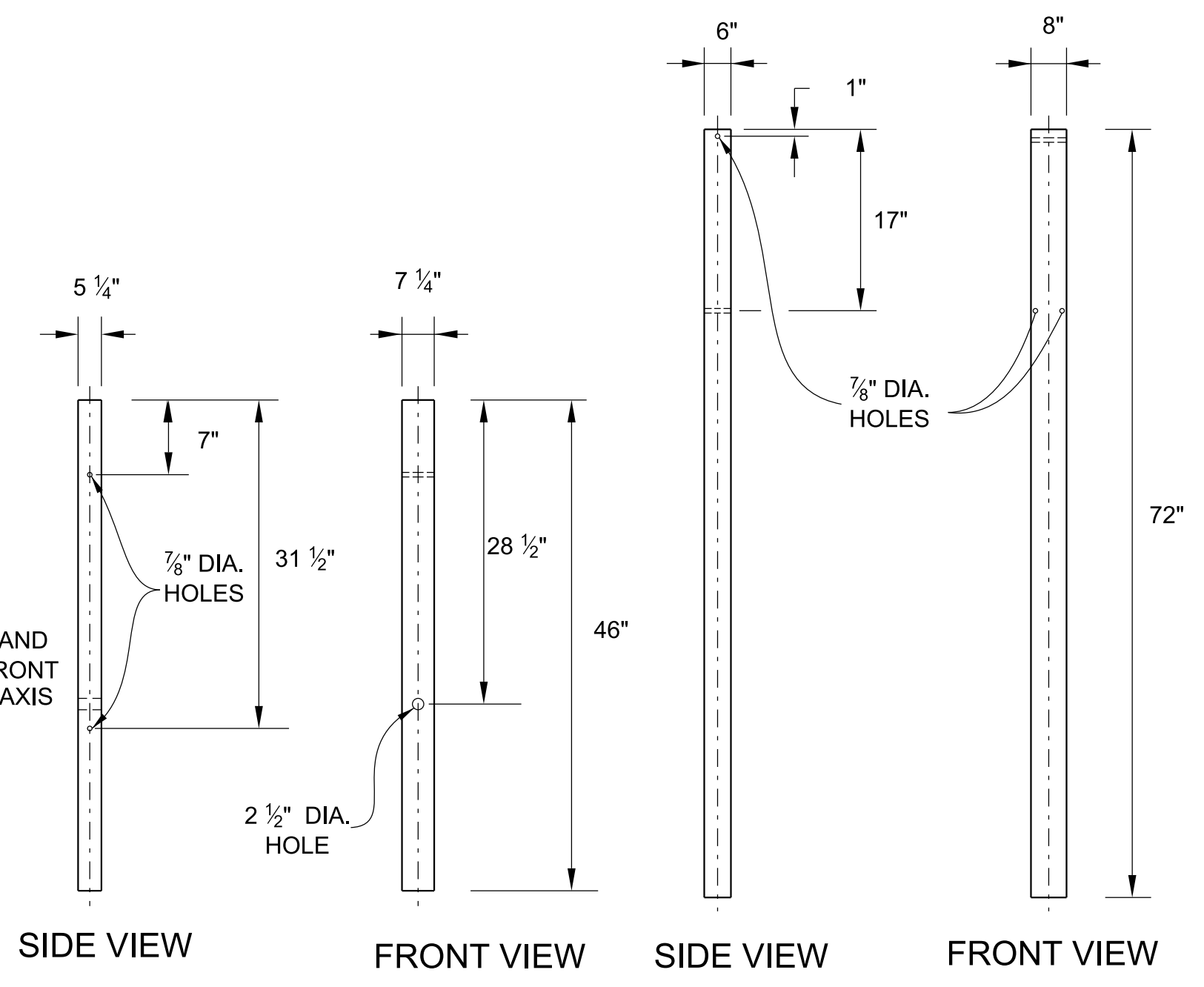
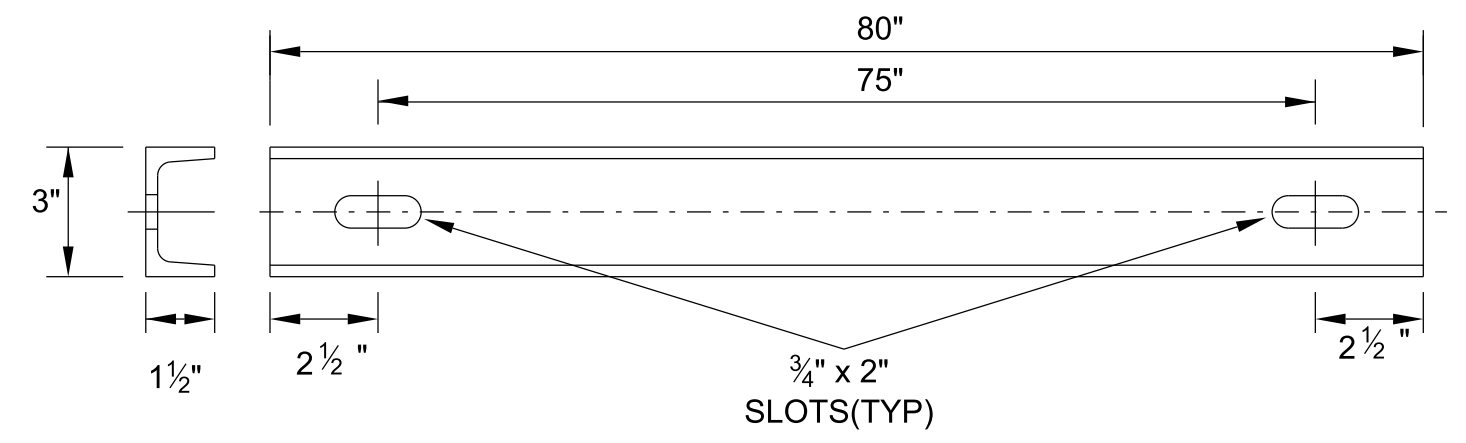
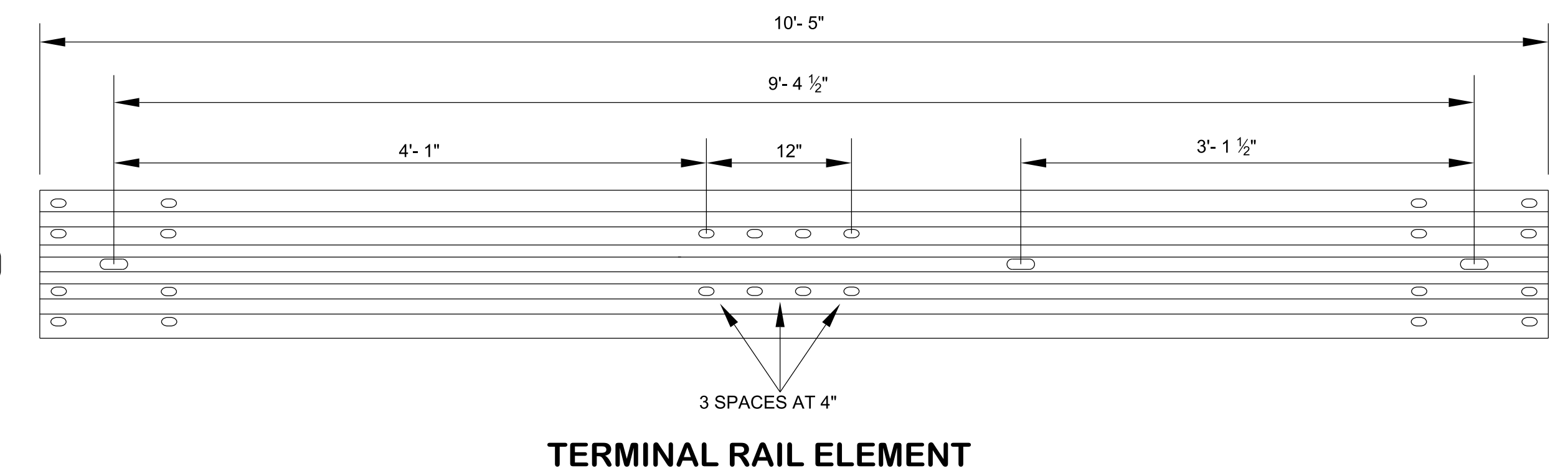
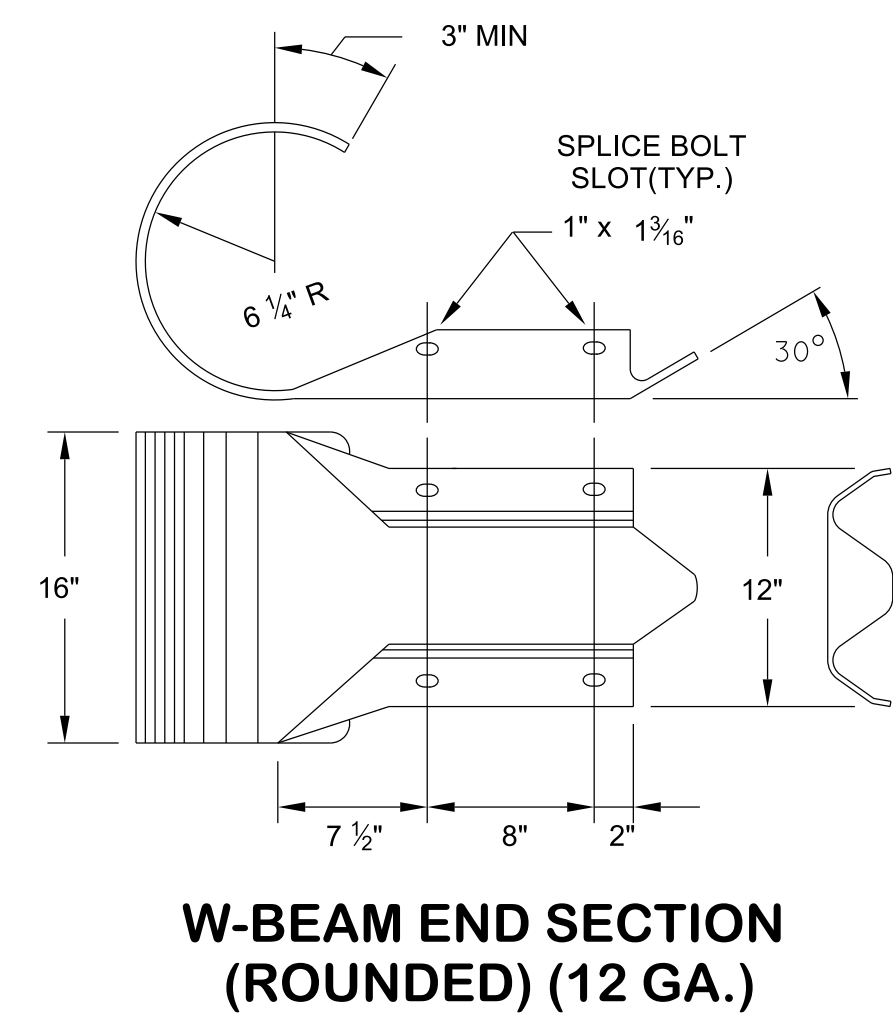
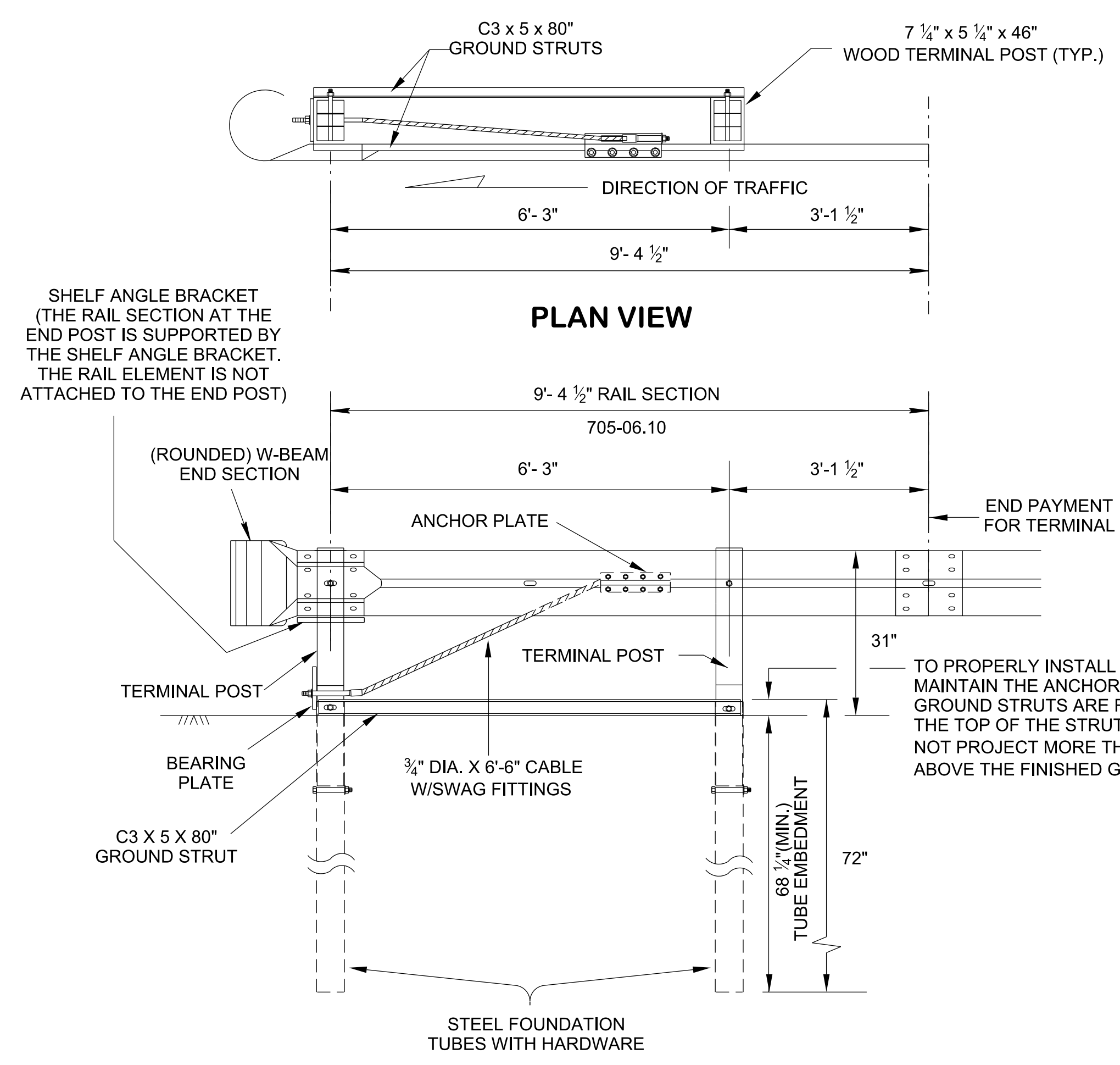


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- GENERAL NOTES**
- (A) TYPE 13 GUARDRAIL ANCHOR SHALL ONLY BE INSTALLED AT TRAILING ENDS WHEN LOCATED OUTSIDE THE HORIZONTAL CLEARANCE AREA OF OPPOSING TRAFFIC. SEE S-CZ-1. THE RE-DIRECTIVE CAPACITY OF THE GUARDRAIL IS ONLY OFFERED AFTER THE THIRD GUARDRAIL POST.
 - (B) ALL HOLES IN WOOD POSTS ARE TO BE DRILLED BEFORE PRESERVATIVE TREATMENT IS APPLIED.
 - (C) ALL CUTTING, DRILLING, AND WELDING OF STEEL COMPONENTS SHALL BE DONE BEFORE GALVANIZING.
 - (D) THE FINISHED CABLE ASSEMBLY WILL NOT BE ACCEPTABLE UNLESS IT IS IN TENSION WITH NO SAG.
 - (E) OTHER ANCHOR CABLE ASSEMBLIES PROVIDING A MINIMUM BREAKING STRENGTH OF 40,000 POUNDS PER SQUARE INCH WILL BE ACCEPTABLE.
 - (F) TO BE PAID UNDER ITEM
705-06.10 GR TERMINAL TRAILING END (TYPE 13) MASH TL3 PER EACH.
 - (G) ALL HARDWARE SHALL CONFORM TO ASTM A307 UNLESS OTHERWISE SHOWN.
 - (H) DESIGN BASED ON AASHTO MASH TL-3, TTI REPORT 9-1002-6.

- REV. 5-1-15: REVISED NO. 1 & 2 BREAK WAY POSTS WITH 5'-0" TUBE SLEEVE.
- REV. 5-27-16: REMOVED TYPE 21 AND IN-LINE FROM TITLE, UPDATED POST DETAIL, UPDATED STRUT DETAIL, ADDED RAIL DETAIL, AND UPDATED NOTES.
- REV. 3-28-17: CHANGED PAY ITEM NUMBER.
- REV. 7-5-17: REWORDED NOTE ON STRUT REQUIREMENTS IN THE DOWNSTREAM ANCHOR TERMINAL VIEW.
- REV. 06-28-2019: REDREW SHEET.
- REV. 06-15-2021: REVISED GENERAL NOTE (A).

MINOR REVISION -- FHWA APPROVAL NOT REQUIRED

STATE OF TENNESSEE
STANDARD DRAWING
DEPARTMENT OF TRANSPORTATION

TYPE 13
GUARDRAIL ANCHOR

07-11-2013 S-GRA-3

NOT TO SCALE