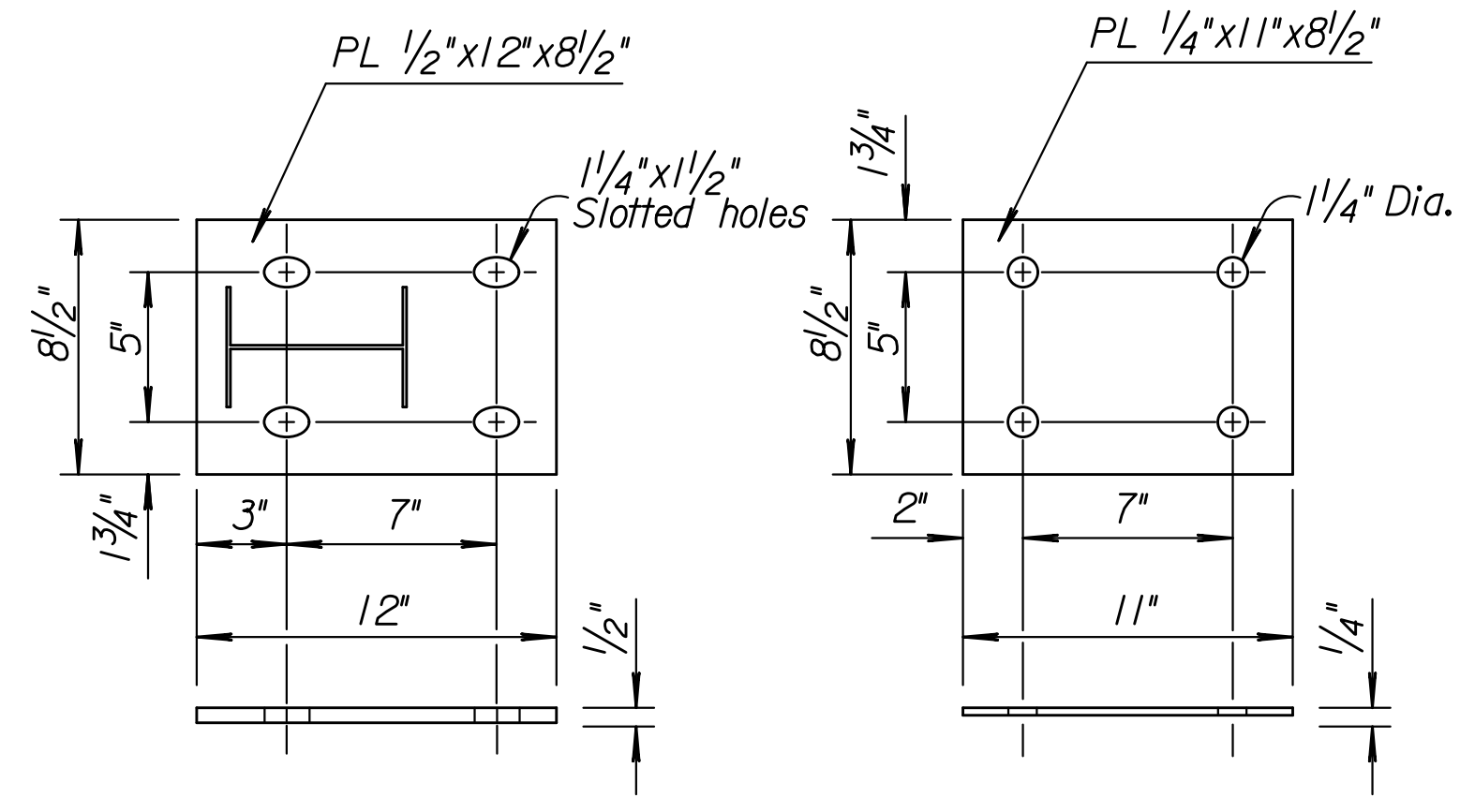
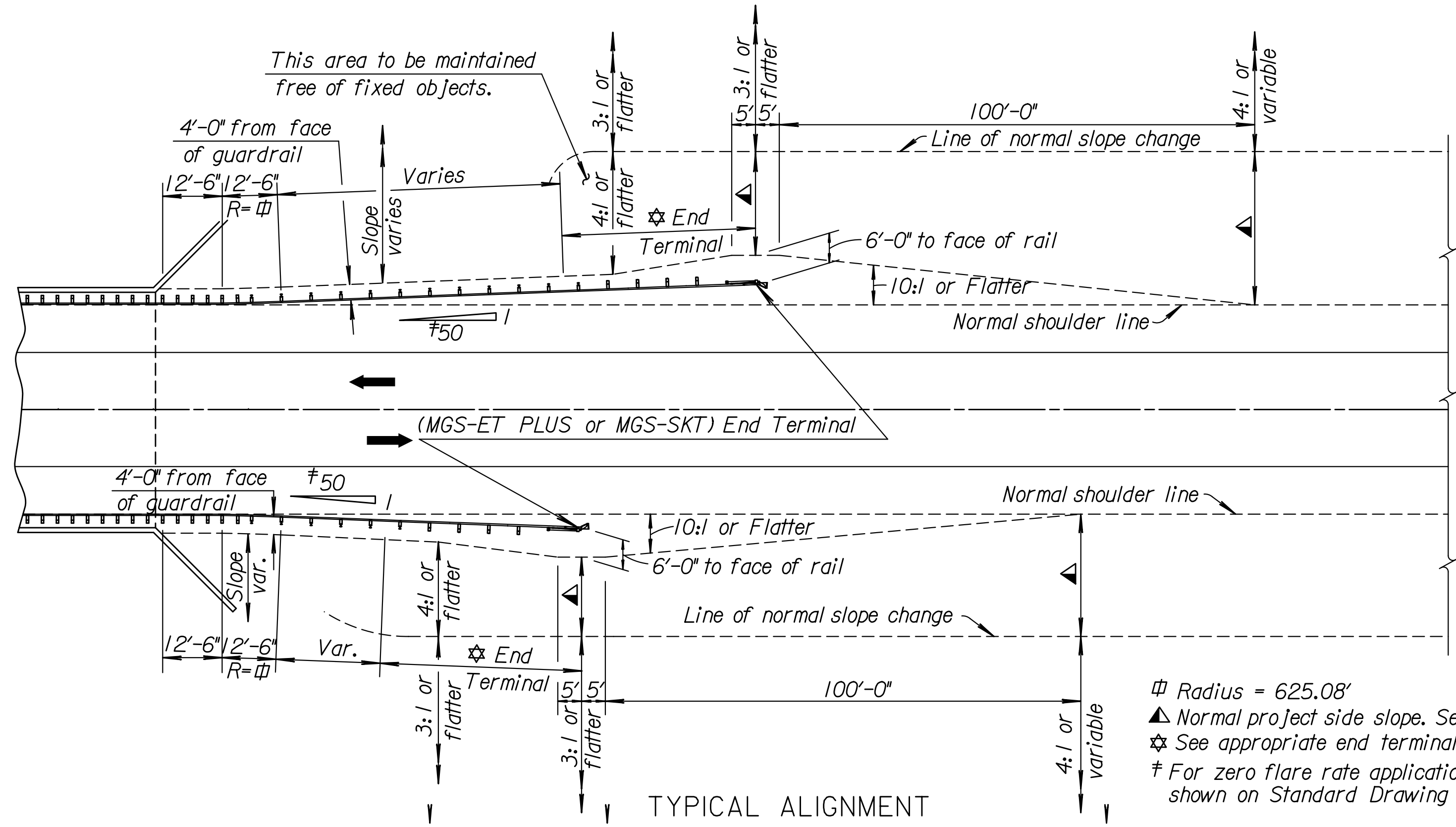


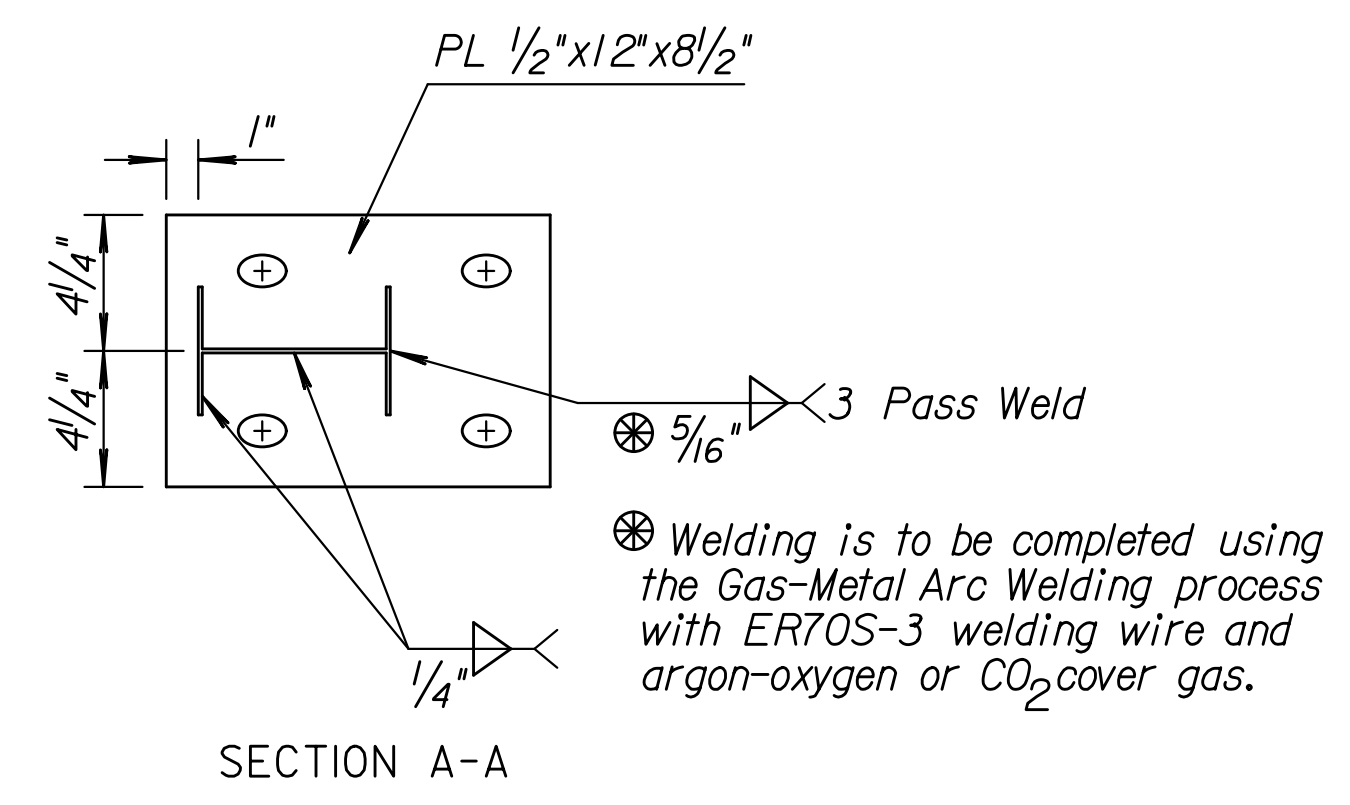
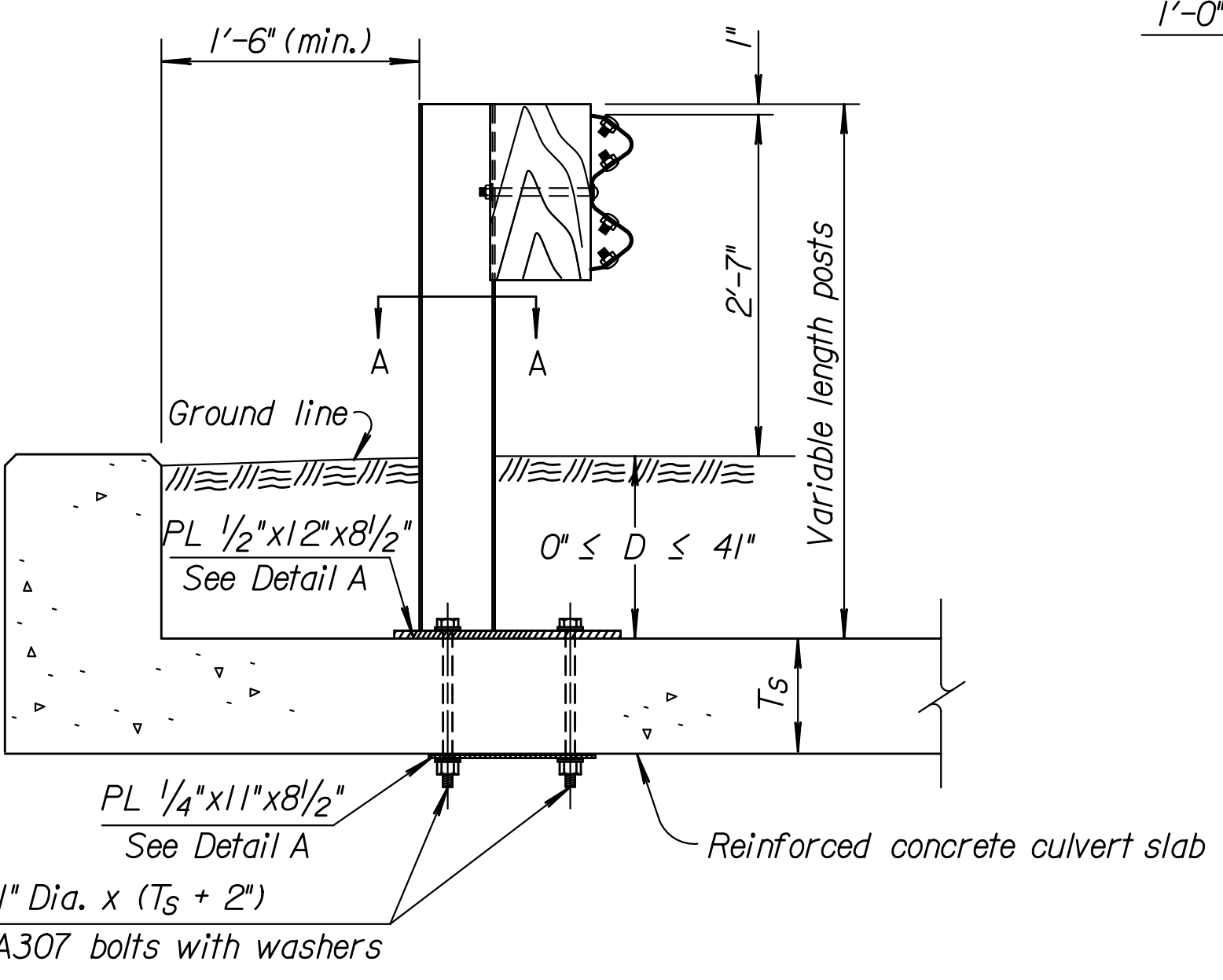
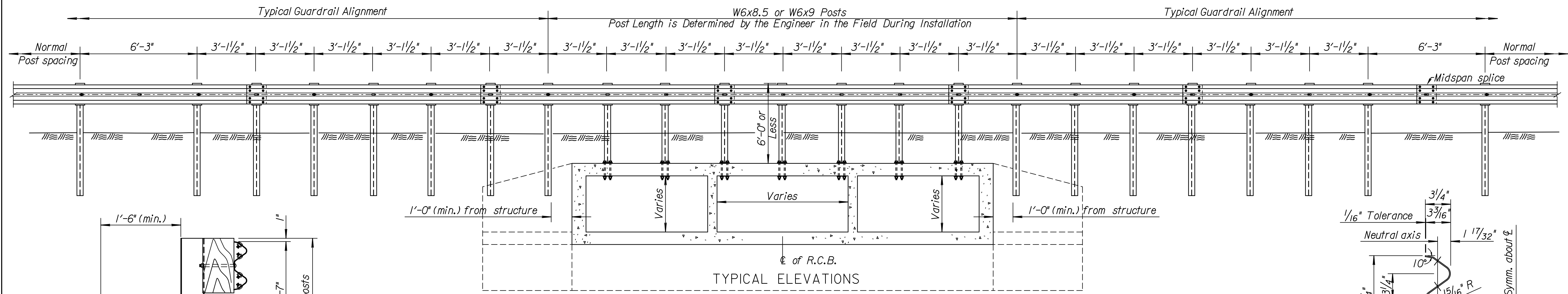
Notes to Designer: Determine guardrail length of need using either KDOT's Length of Need Equation or a graphic design approach with an L₁ distance measured from the edge of the area of concern to the P.I. of the curved guardrail section.

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS				



GENERAL NOTES
 Use this Standard Drawing for (MGS) Guardrail installed over a low fill bridge-sized structure. See Typical Alignment for guardrail installation from posts attached to structure to End Terminal.
 Use Standard W-Beam Guardrail throughout.
 See Standard Drawing RD611A for (MGS) guardrail post and blockout details not shown on this sheet.
 Guardrail layout shown this sheet is for parallel installation, see Standard Drawing RD606D for (MGS-ET PLUS) End Terminal or Standard Drawing RD606F for (MGS-SKT) End Terminal.

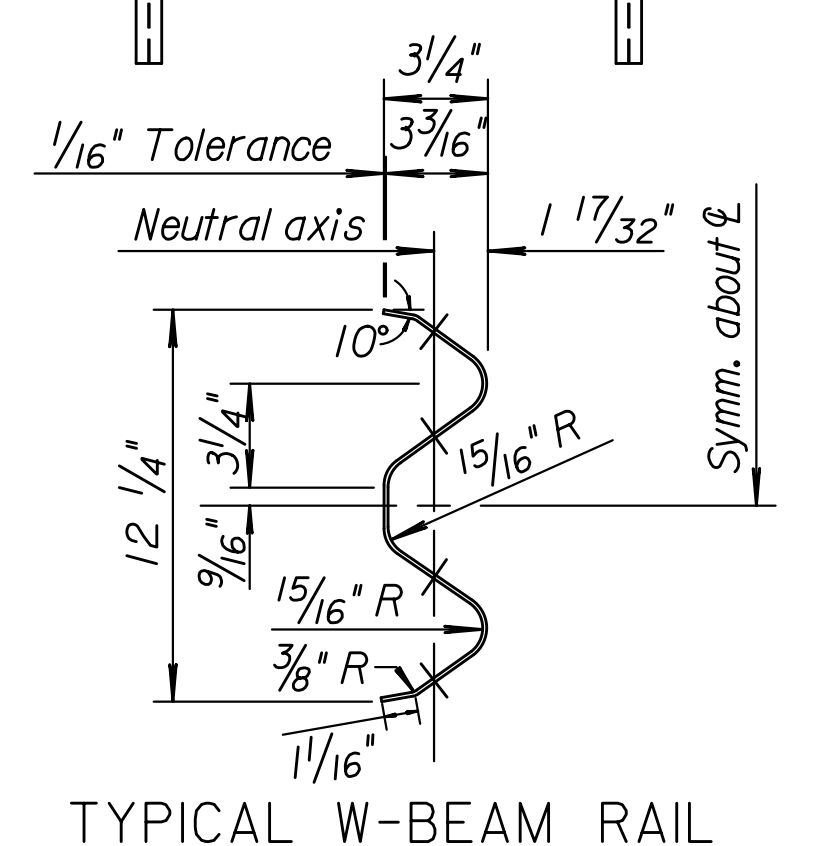
- ϕ Radius = 625.08'
- ▲ Normal project side slope. See typical sections.
- ☆ See appropriate end terminal details.
- ‡ For zero flare rate applications, flare the End Terminal as shown on Standard Drawing RD606D or RD606F.



1" Dia. A307 Grade A Threaded Rod with Nut and Washer. to be grouted with an approved epoxy or polyester resin in accordance with standard specifications.

◆ Embed anchor rod a min. of 8" Use a bonding agent with a min. bond strength of 1,800 psi.

ALTERNATE POST ATTACHMENT
 (This attachment to be used only when bolting through the top slab is not practical.)



KANSAS DEPARTMENT OF TRANSPORTATION				
ALIGNMENT (PARALLEL) & DETAILS FOR (MGS) GUARDRAIL ON BRIDGE-SIZED STRUCTURES				
RD617D				
DESIGNED	I-3-13	APP'D. James O. Brewer	QUANTITIES	TRACED Bowser
DESIGN CK.	DATE	REVISIONS	QUAN. CK.	TRACE CK. King
FHWA APPROVAL I-3-13 APP'D. James O. Brewer				
KDOT Graphics Certified 10-03-2013				

Plotted: 03-OCT-2013 08:25
 Drawn By: trroads
 File: rd617d.dgn