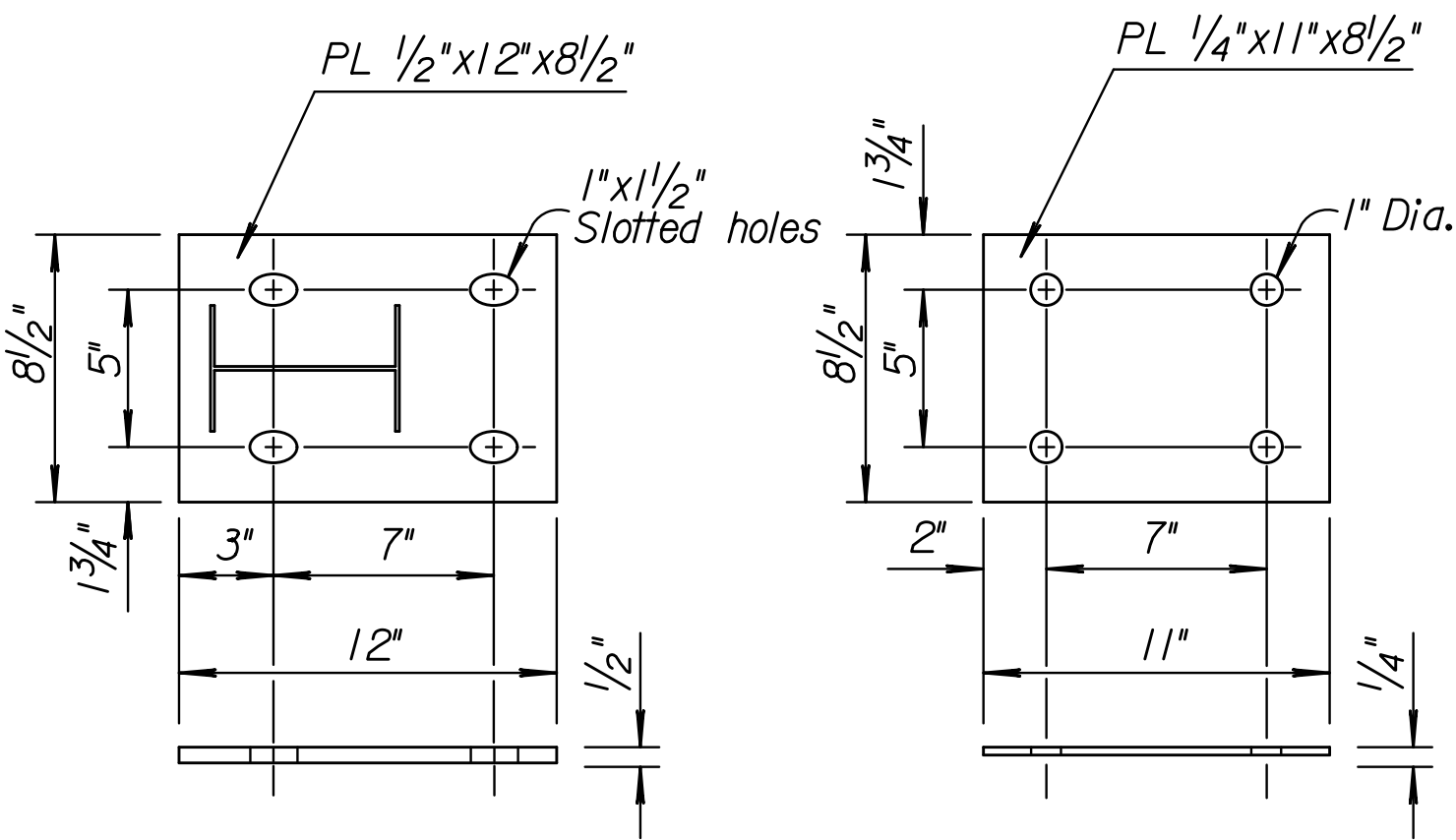
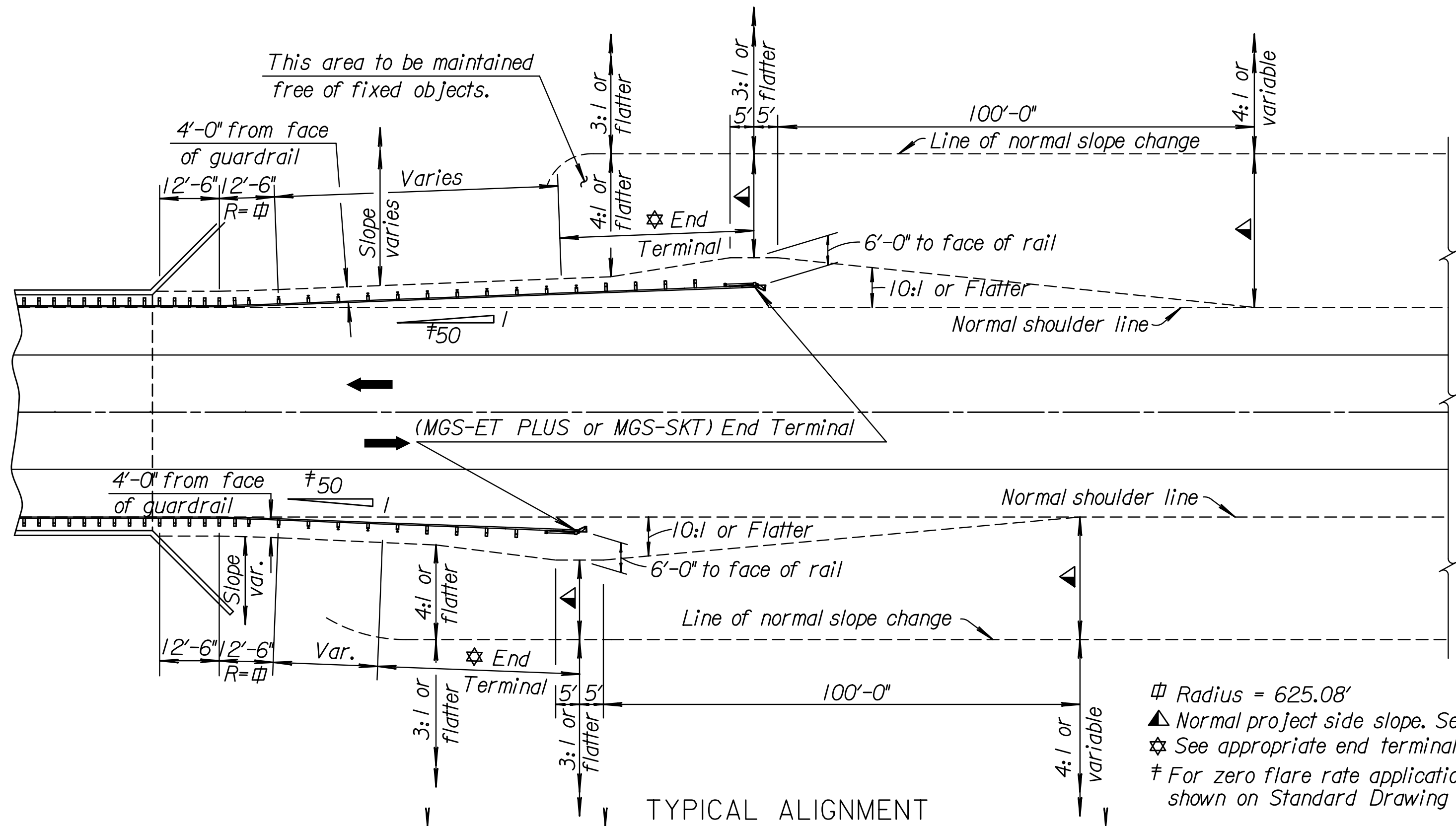


Notes to Designer: Determine guardrail length of need using either KDOT's Length of Need Equation or a graphic design approach with an L₁ distance measured from the edge of the area of concern to the P.I. of the curved guardrail section.

Plotted : 07-JAN-2013 15:50

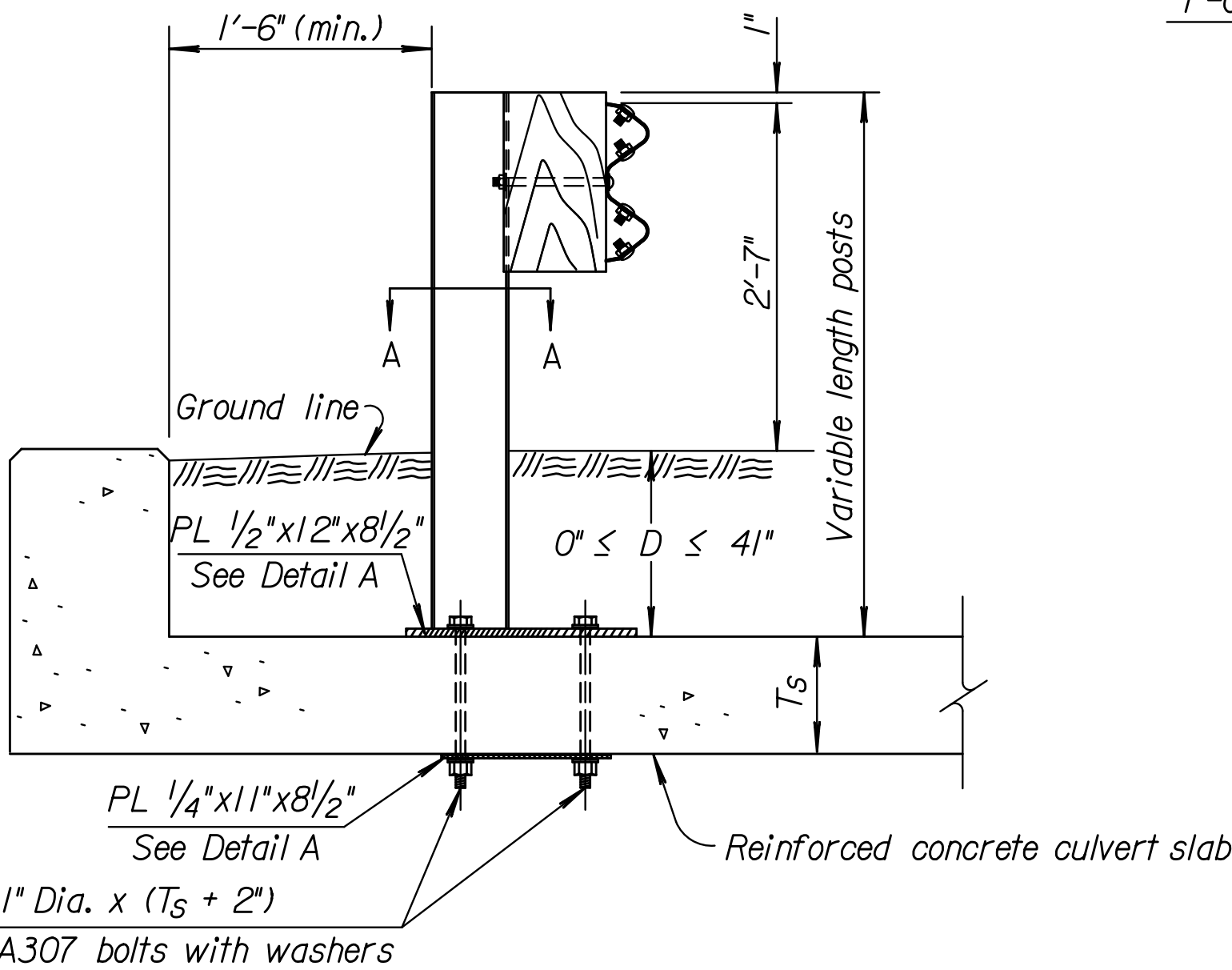
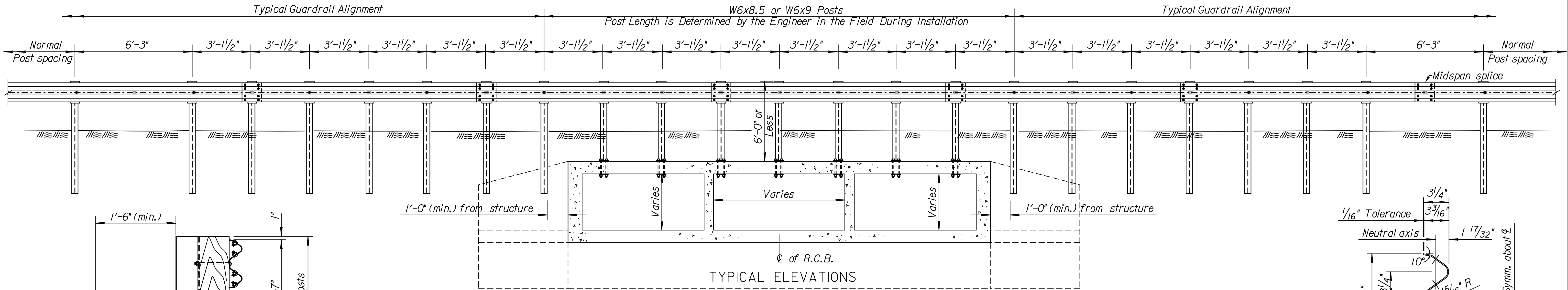
Drawn By : tthreads
File : rd617d.dgn

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS				

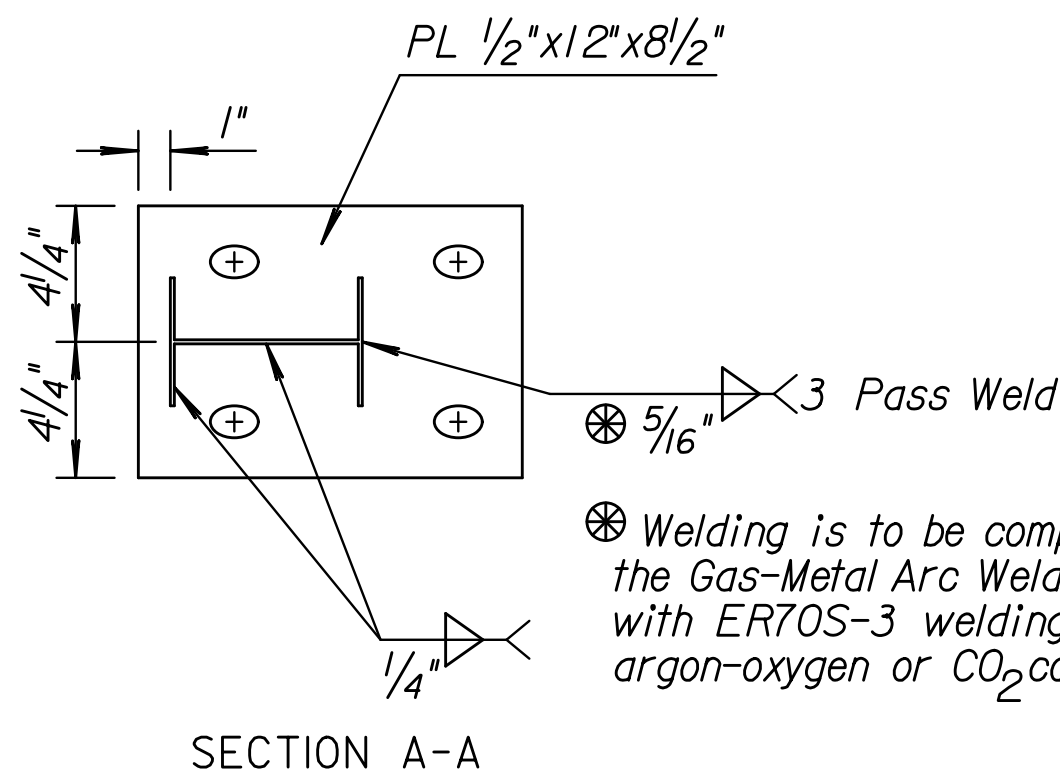


GENERAL NOTES
Use this Standard Drawing for (MGS) Guardrail installed over a low fill bridge-sized structure. See Typical Alignment for guardrail installation from posts attached to structure to End Terminal.
Use Standard W-Beam Guardrail throughout.
See Standard Drawing RD611A for (MGS) guardrail post 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.

DETAIL OF BASE PLATE
DETAIL OF STEEL PLATE
DETAIL A FOR ATTACHMENT ASSEMBLY



POST DETAILS

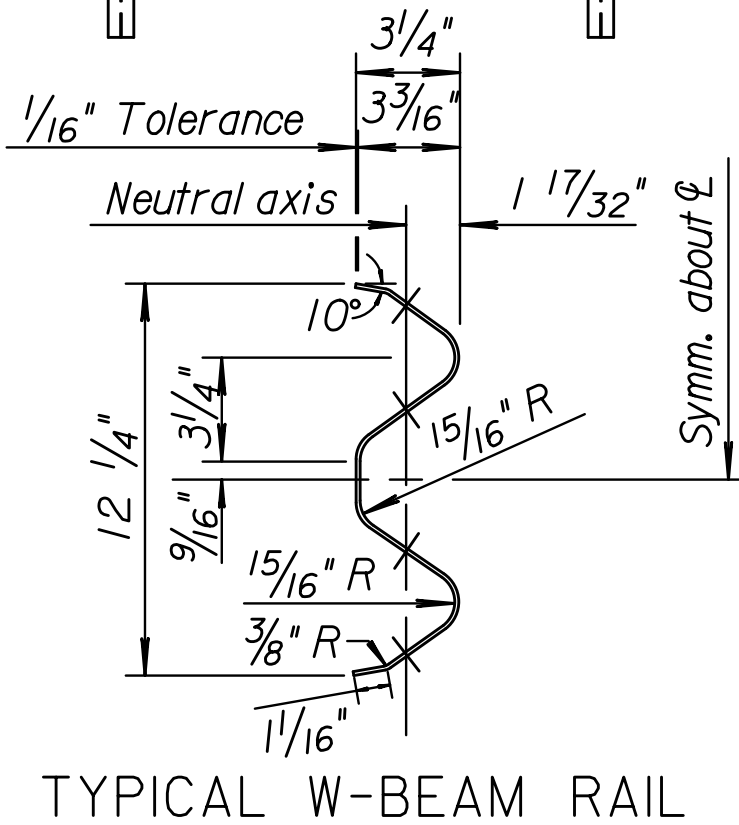


SECTION A-A

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.)



TYPICAL W-BEAM RAIL

NO.	DATE	REVISIONS	BY	APP'D
I	I-3-13	Initial Release	S.W.K.	J.O.B.
DESIGNED	DESIGNED	QUANTITIES	TRACED	Bowser
DESIGN CK.	DETAIL CK.	QUAN. CK.	TRACE CK.	King

KANSAS DEPARTMENT OF TRANSPORTATION

ALIGNMENT (PARALLEL) & DETAILS FOR (MGS) GUARDRAIL ON BRIDGE-SIZED STRUCTURES

RD617D

FWHA APPROVAL I-3-13 APP'D. James O. Brewer

DESIGNED I-3-13 QUANTITIES TRACED Bowser

DESIGN CK. DETAIL CK. QUAN. CK. TRACE CK. King

KDOT Graphics Certified 01-07-2013

KDOT Graphics Certified