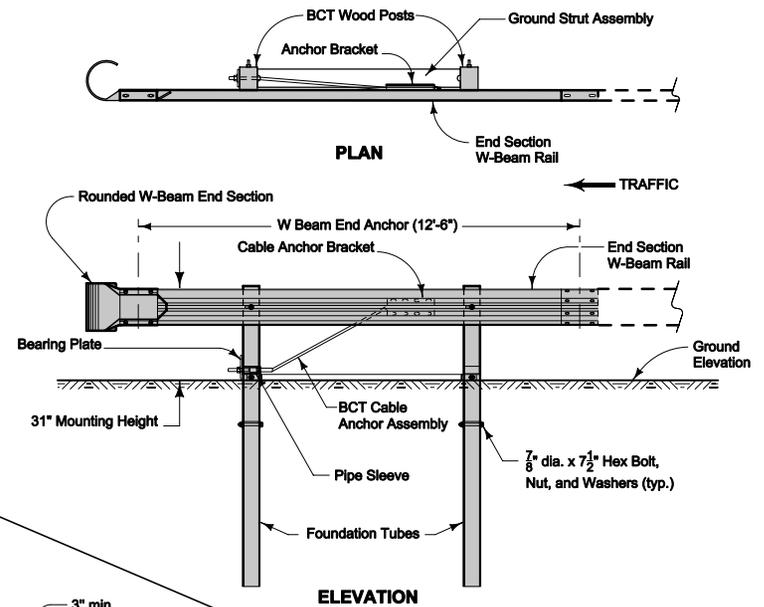


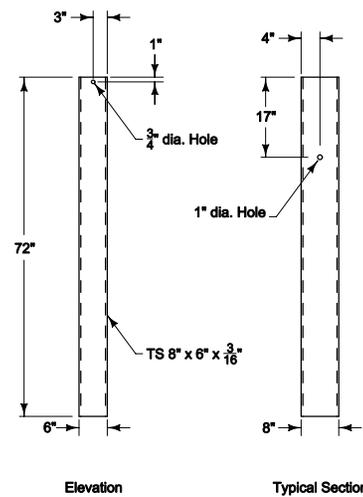
ELEVATION

END SECTION W-BEAM RAIL

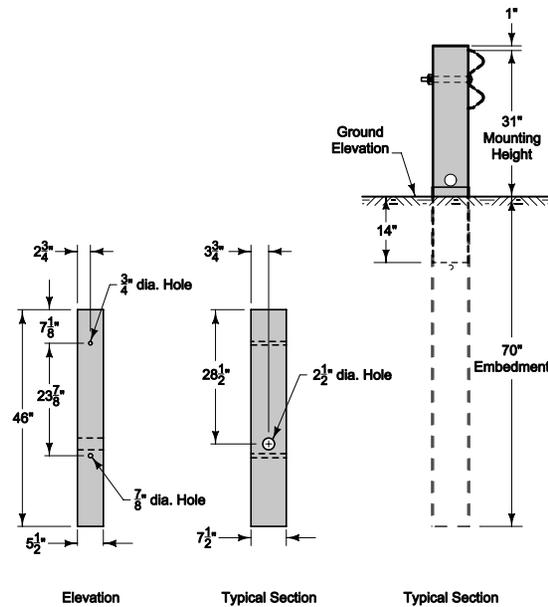


ELEVATION

INSTALLATION



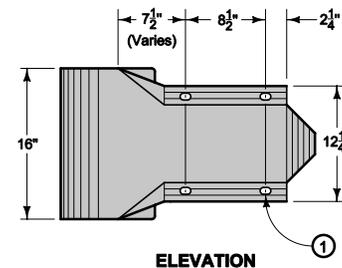
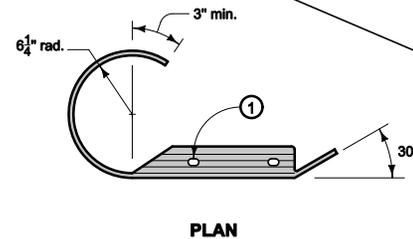
FOUNDATION TUBE



POST

INSTALLATION

BCT POST ASSEMBLY



ROUNDED W-BEAM END SECTION

- ① 29/32 x 1 1/8" slots (29/32 x 3" slots acceptable).

Possible Contract Item:
Steel Beam Guardrail End Anchor, W-Beam

- Materials included in the Contract Item:
- (1) 12'-6" End Section of W-Beam Rail
 - (2) Foundation Tube Assemblies
 - (2) BCT Wood Posts
 - (1) Rounded W-Beam End Section
 - (1) Cable Anchor Bracket
 - (1) BCT Cable Anchor Assembly
 - (1) Ground Strut Assembly
 - (1) Pipe Sleeve
 - (1) Bearing Plate
 - Approved bolts, nuts, and washers

<p>Iowa Department of Transportation</p> <p>STANDARD ROAD PLAN</p> <p>REVISIONS: New. Replaces RE-33A.</p>	<p>REVISION</p> <p>New 04-20-10</p>
	<p>BA-203</p> <p>SHEET 1 of 1</p>

Deanna Maifield
APPROVED BY DESIGN METHODS ENGINEER

**STEEL BEAM GUARDRAIL
W-BEAM END ANCHOR**