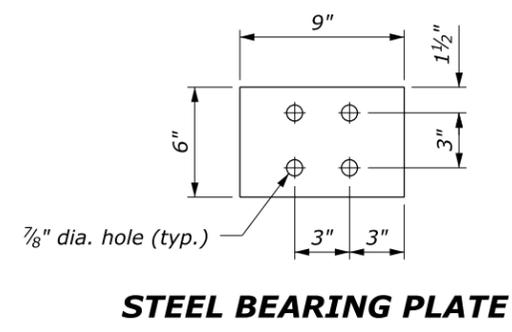
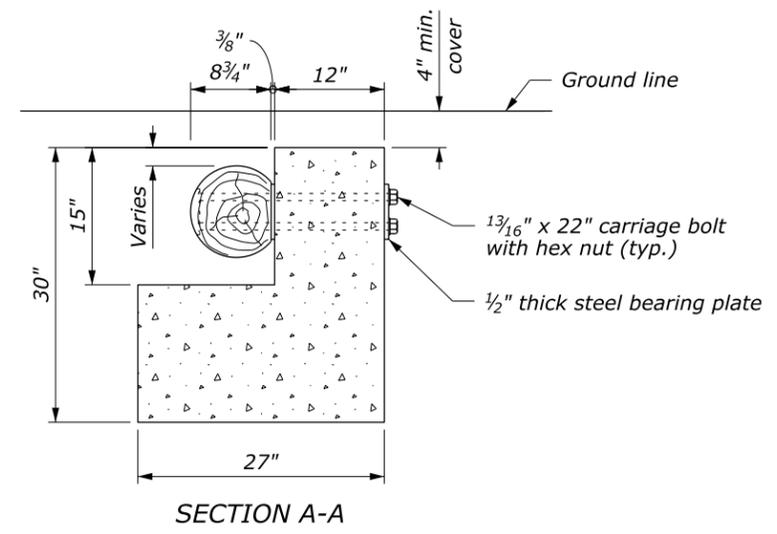
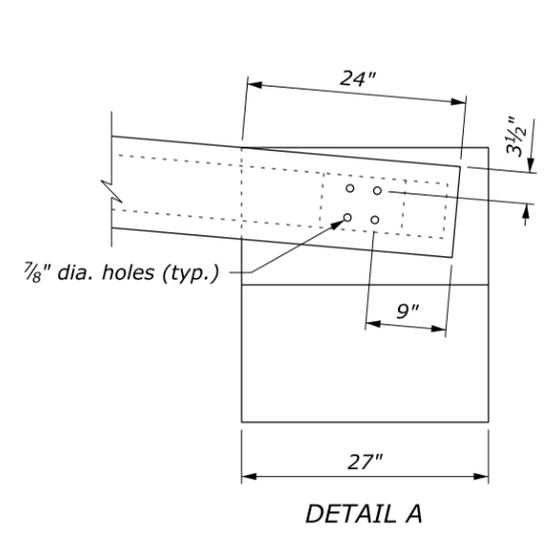


**NOTE:**

1. See Standard 617-80 and 617-81, Steel-Backed Log Rail, for timber, structural steel, and hardware details.
2. Extend the fill widening a minimum of 5 feet behind the guardrail, unless otherwise directed by the CO.
3. The guardrail flare shown in the plan view is the minimum length and rate required. As directed by the CO, flare the guardrail so that the terminal section is outside the clear zone. If the terminal section cannot be located outside the clear zone, it should be flared as far as practical from the road at the maximum rate indicated on the Guardrail Flare Rates table.

**APPROACH & DEPARTURE FLARE WITH FLARED ANCHOR TERMINAL (FAT)**

GUARDRAIL FLARE RATE TABLE			
Design Speed (mph)	Shy Line Offset (ft)	Flare Rate (a:b)	
		Inside Shy Line	Outside Shy Line
60	8.0	26:1	14:1
50	6.5	21:1	11:1
40	5.0	16:1	8:1
40 or less	3.5	13:1	7:1



**CONCRETE ANCHOR**

**STEEL BEARING PLATE**

U.S. DEPARTMENT OF TRANSPORTATION  
 FEDERAL HIGHWAY ADMINISTRATION  
 FEDERAL LANDS HIGHWAY

U.S. CUSTOMARY STANDARD  
**STEEL-BACKED LOG RAIL  
 TERMINAL SECTION,  
 TYPE SBL-FAT**

STANDARD APPROVED FOR USE 6/2005  
 REVISED: 11/2013  
 DRAFT: 11/2013

STANDARD  
 617-82

NO SCALE