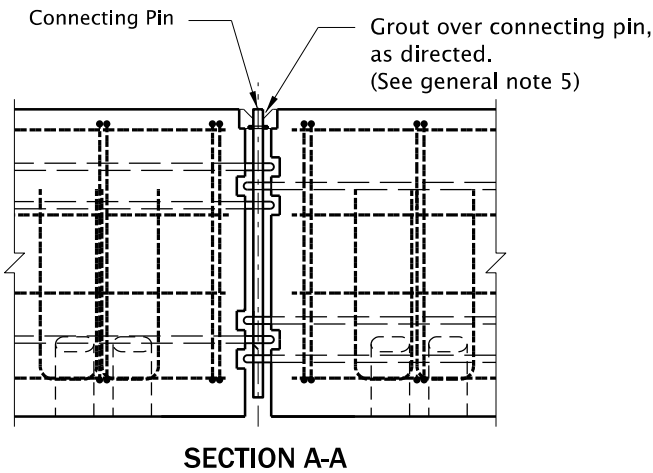
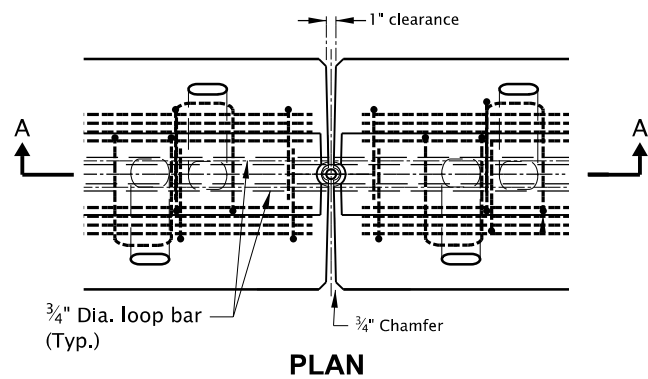
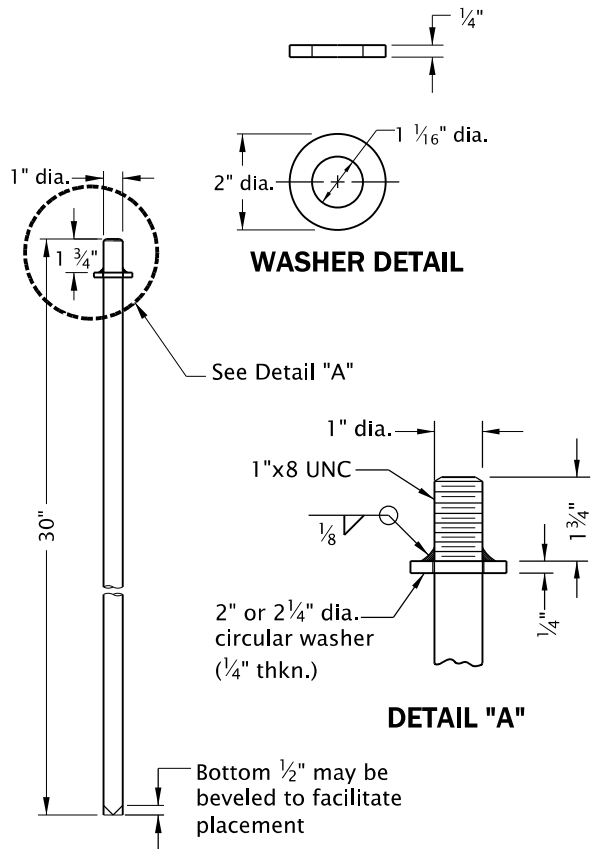
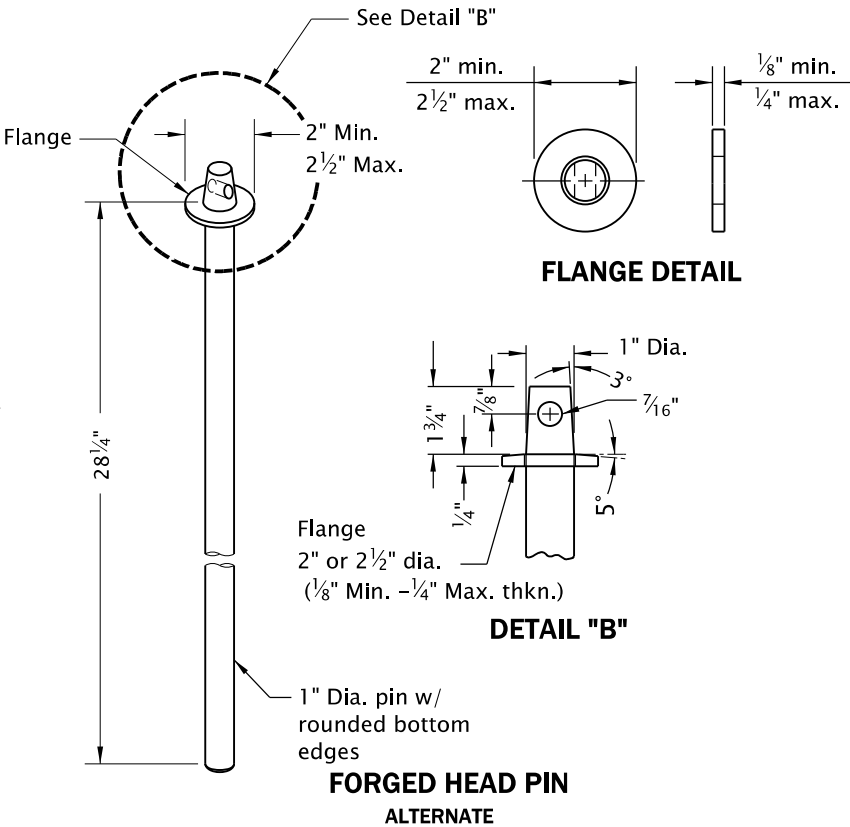




PIN AND LOOP CONNECTION

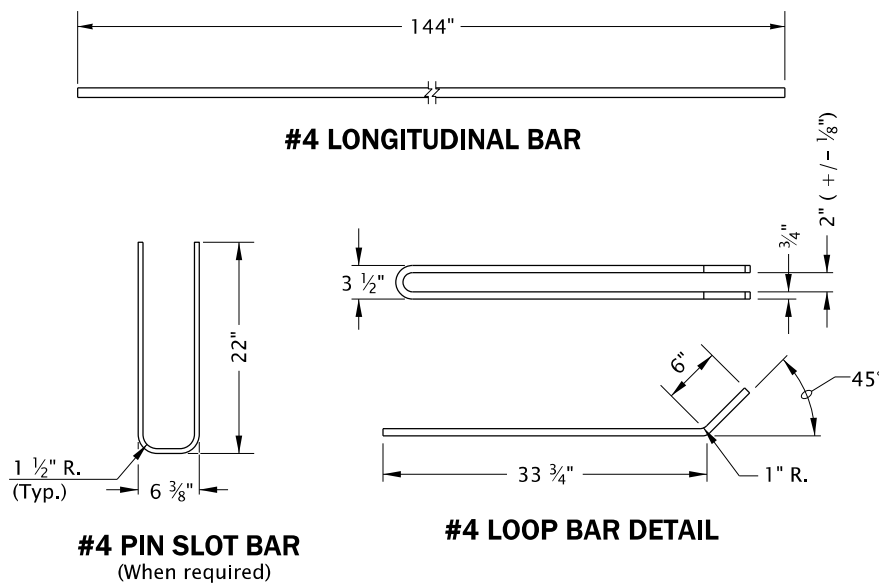


WELDED WASHER PIN

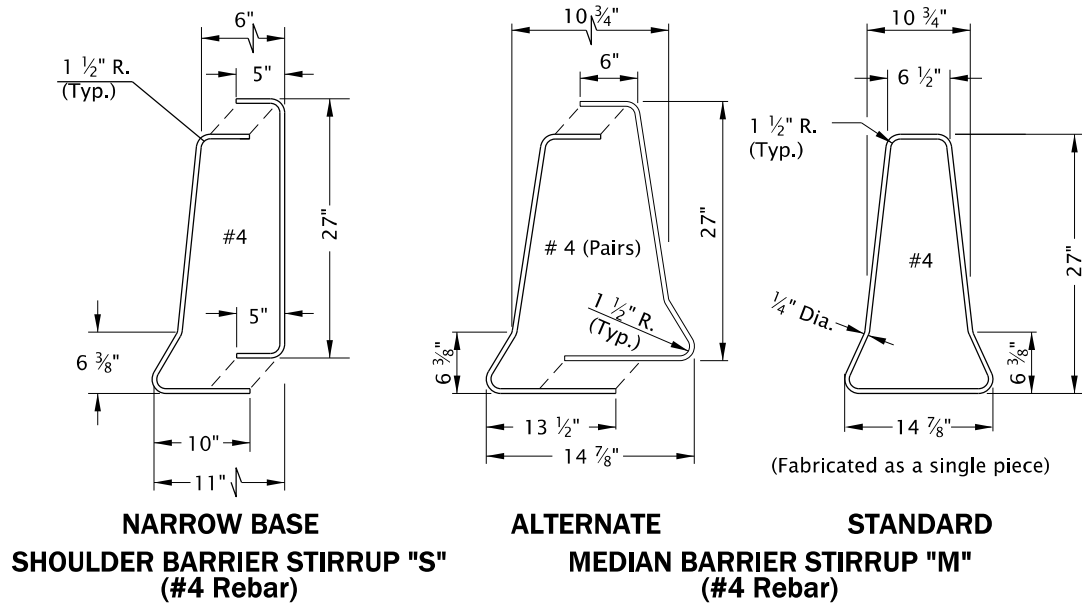


CONNECTING PIN ASSEMBLY DETAIL

NOTE: Washer shall be forged as integral part of pin or shall be welded as shown.



REINFORCING STEEL BENDING DIAGRAM



GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

1. See Std. Dwg. RD500 for details not shown. See Std. Dwg. RD502 for new permanent installations barrier anchoring details (when being anchored). See Std. Dwgs. RD515 and RD516 for concrete barrier that is maintained for use in temporary installations.
2. All reinforcement shall be full length as shown and shall be 2 inches clear of nearest face of concrete, unless otherwise shown.
3. Narrow base shoulder barrier to be used only at locations with backfill behind barrier as shown on plans.
4. Temporary concrete barrier to be precast concrete median barrier with pin and loop assembly. See Std. Dwg. RD502.
5. Concrete grout for grouting over pins, pinning holes or grouting of scuppers shall be portland cement grout, weak in strength and of thick consistency, as directed.
6. All pins, bolts, dowels, loop bars, and connectors shall be hot-dip galvanized after fabrication.
7. The reinforcing steel details for the "Narrow Base Shoulder Barrier" are the same as those shown for the 24 inch wide barrier except for the stirrup bars. See "Narrow Base Shoulder Barrier Stirrup" Detail.
8. Connecting pin head designs vary among different manufacturers. Pin designs that are shaped differently than those shown in the details are acceptable, if the bearing surface is within the minimum and maximum widths specified.

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without first consulting a Registered Professional Engineer.

All materials shall be in accordance with the current Oregon Standard Specifications.			
OREGON STANDARD DRAWINGS			
32" CONCRETE BARRIER TYPE "F" PRECAST REINFORCING			
2024			
DATE	REVISION DESCRIPTION		
01-2021	NEW DRAWING CREATED		
07-2021	GENERAL ANNOTATION CLEANUP		
06-2023	REVISED DETAILS AND NOTES		
12-2023	GENERAL ANNOTATION CLEANUP		
CALC. BOOK NO.	N/A	SDR DATE	19-JAN-2024
			RD501