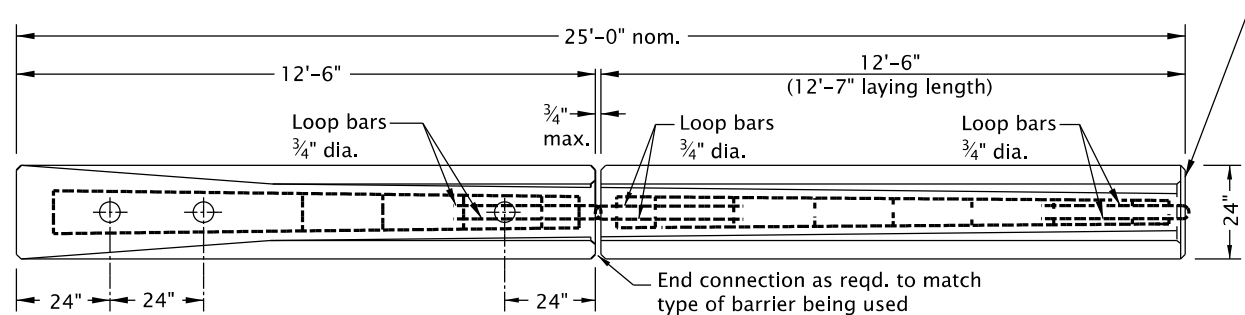
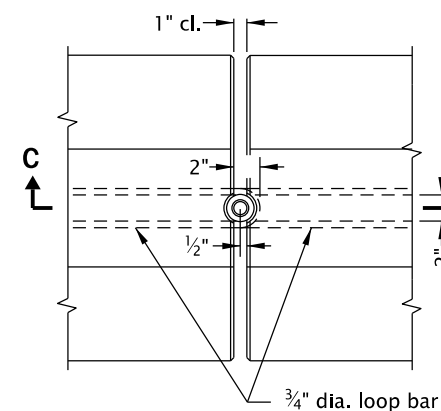
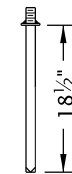




PLAN

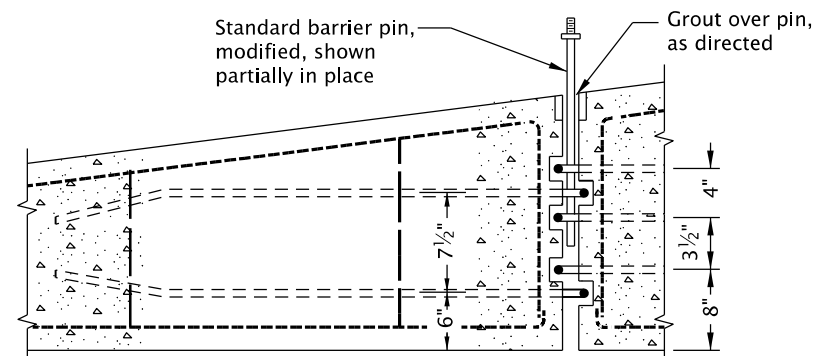
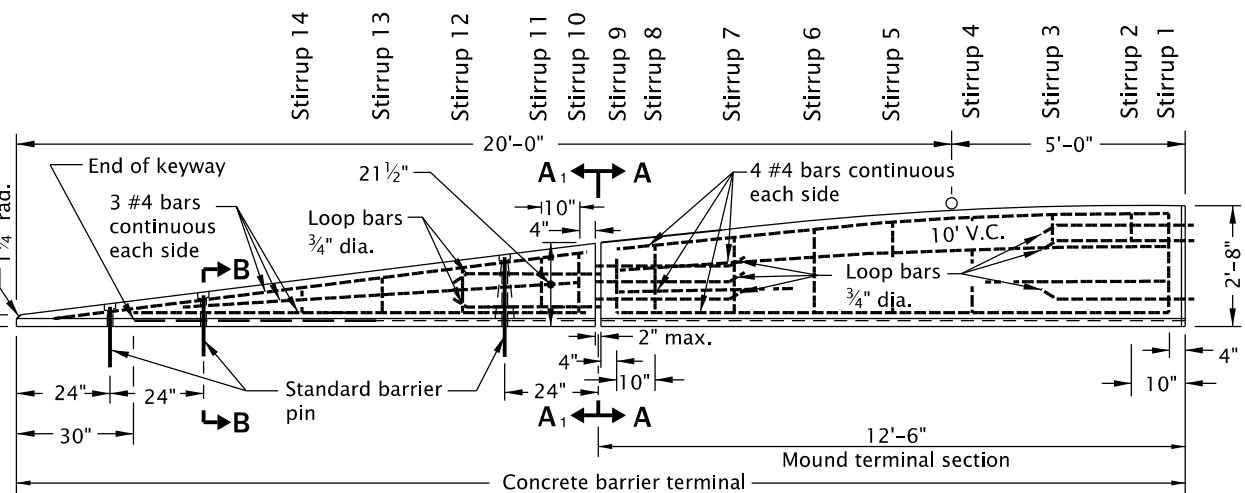
End connection as required to match type of barrier being used. Pin and loop arrangement to mate to end of barrier. See Std. Dwg. RD500

MODIFIED
BARRIER PIN

PLAN

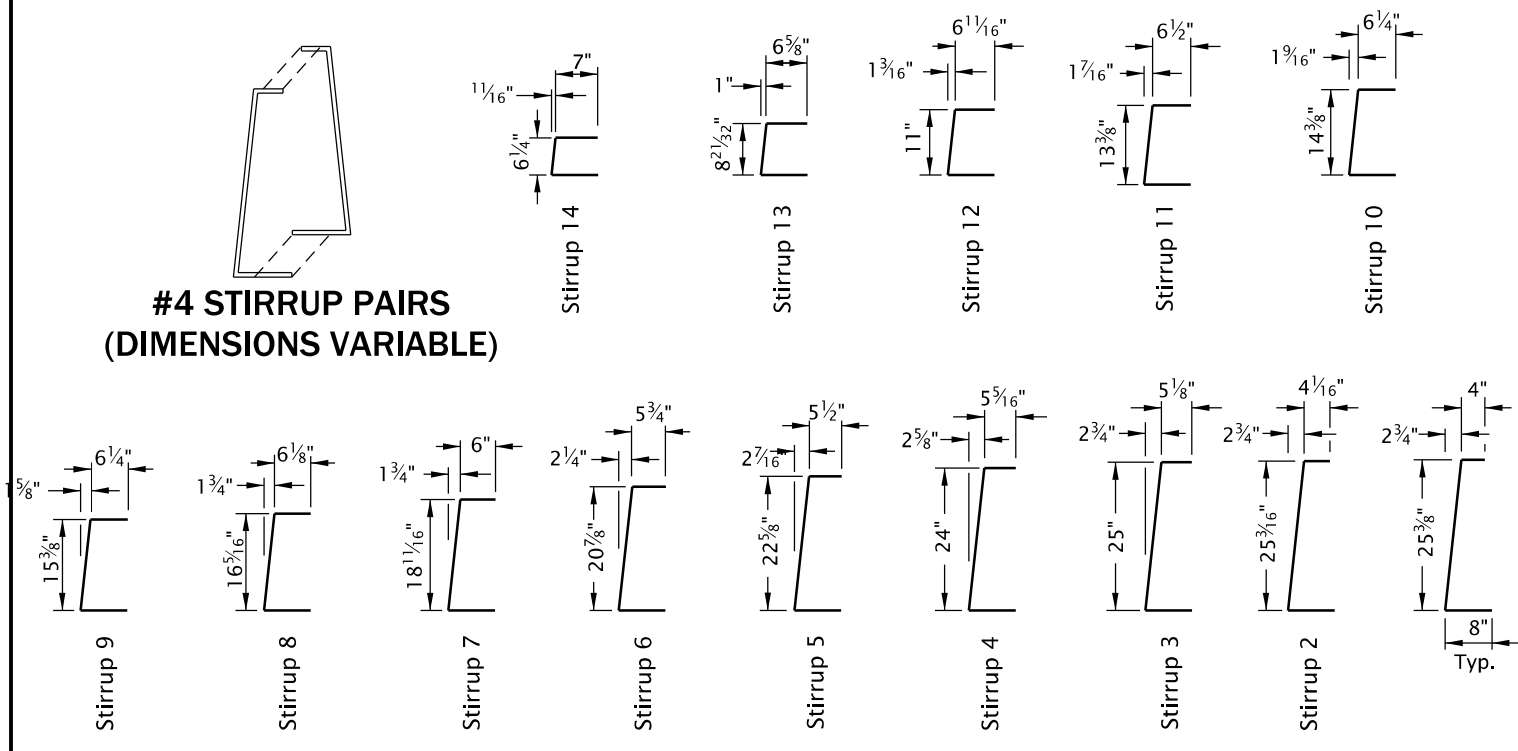
GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

1. See appropriate concrete barrier standard drawings for details not shown. See Std. Dwg. RD502 for new permanent installations barrier anchoring details (when being anchored). See Std. Dwg. 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. Reinforcing shown is the minimum required for all barriers in final position. Additional reinforcing may be used to facilitate production, handling and installation of "precast" units at the contractor's option and responsibility.
4. All pins, bolts, dowels, loop bars, and connectors shall be hot-dip galvanized after fabrication.
5. For use only where the design speed is less than 45 mph and the end is outside the required clear zone.

SECTION C-C
PIN AND LOOP CONNECTION

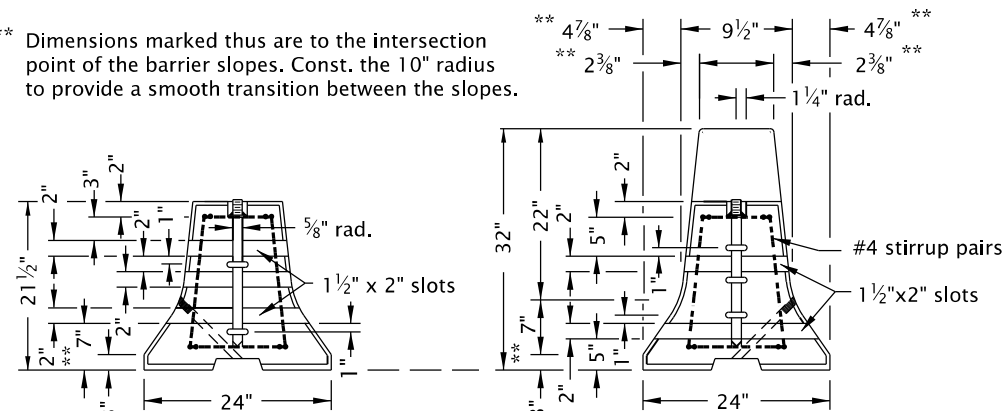
ELEVATION

Space #4 Stirrup pairs at 21 1/2" nom., unless otherwise shown.

#4 STIRRUP PAIRS
(DIMENSIONS VARIABLE)

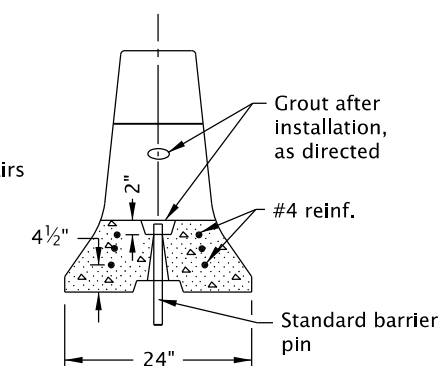
#4 STIRRUP DETAILS

** Dimensions marked thus are to the intersection point of the barrier slopes. Const. the 10" radius to provide a smooth transition between the slopes.

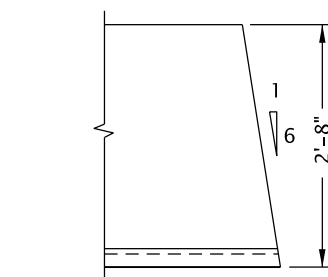


SECTION A1-A1

SECTION A-A



SECTION B-B

ALTERNATE ELEVATION
TRAILING END TERMINAL

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

CONCRETE BARRIER TERMINAL
FOR POSTED SPEED
45 MPH AND BELOW

2024

DATE	REVISION	DESCRIPTION
12-2021	REVISED NOTES	
06-2023	REVISED DETAILS, NOTES AND TITLE CHANGE	
CALC. BOOK NO.	N/A	SDR DATE

14-JUL-2023

RD510

Effective Date: June 1, 2026 – November 30, 2026