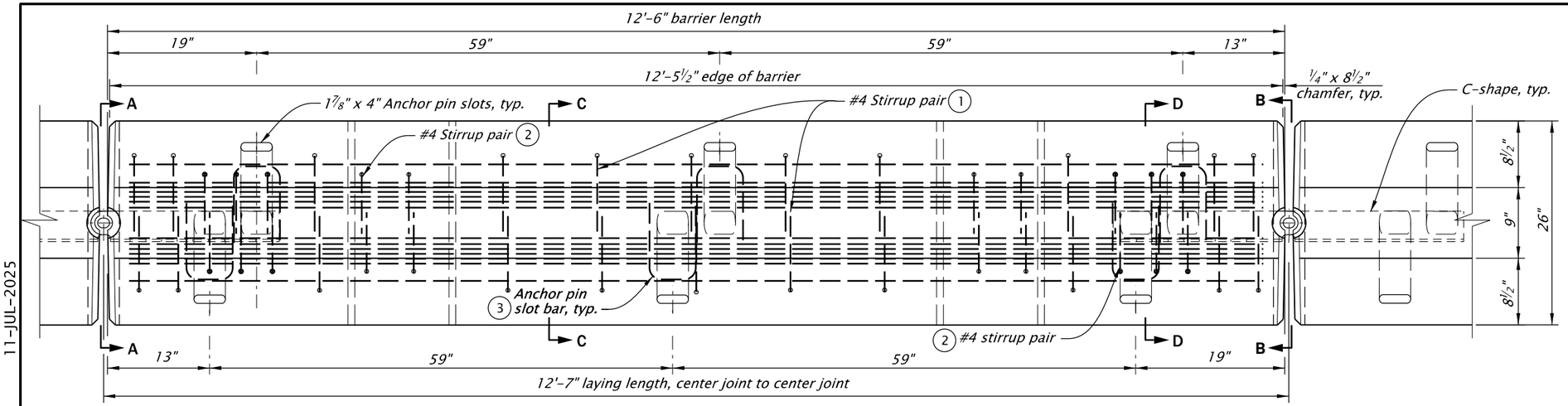
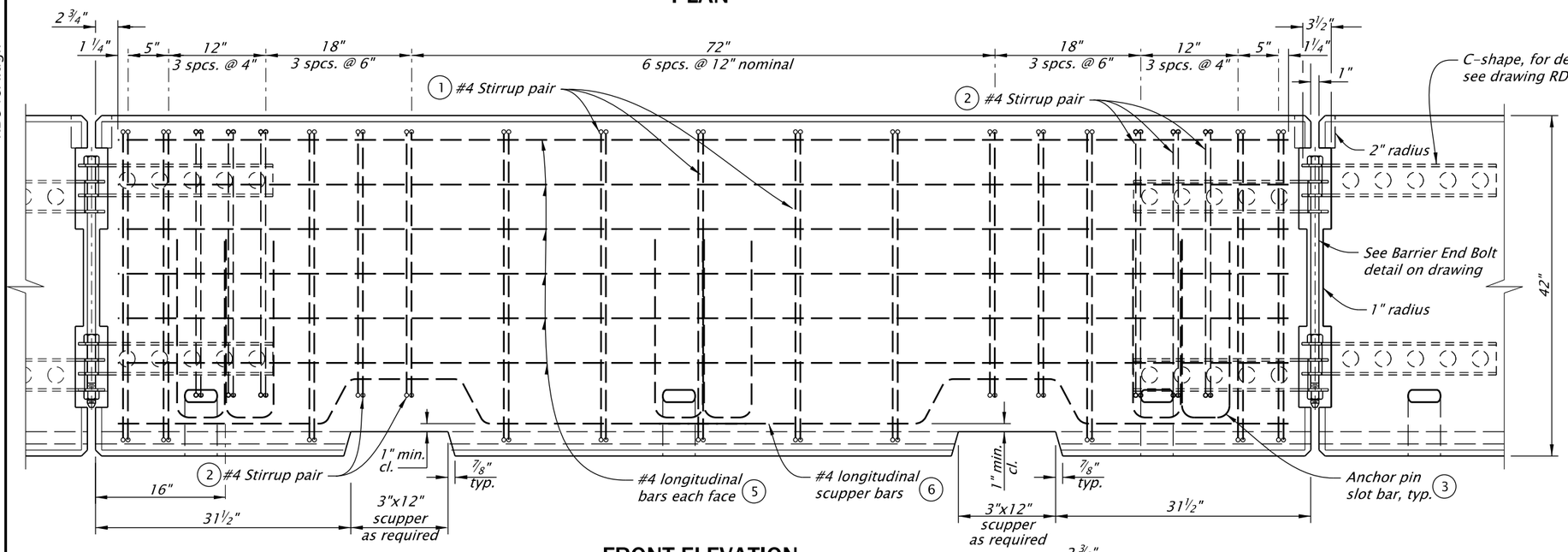
11-JUL-2025

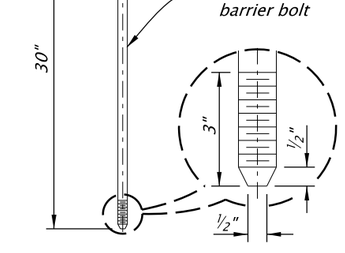
RD548A.dgn



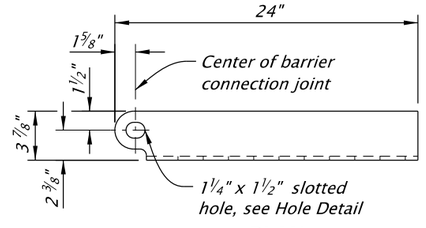
PLAN



FRONT ELEVATION

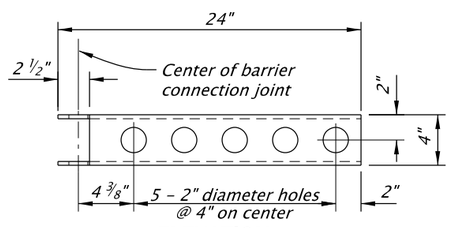


BARRIER END BOLT



PLAN

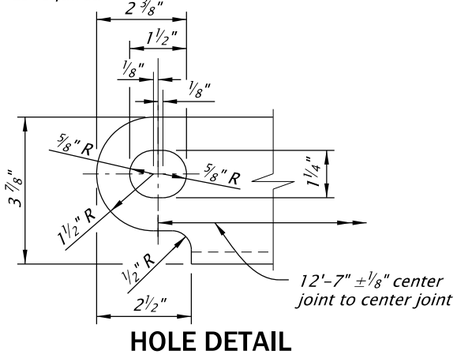
Cut from 5/16" thick steel plate
(See General Note 5 for casting instructions)



ELEVATION

Perforated C-shape

C-SHAPE DETAIL



HOLE DETAIL

GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

1. *All reinforcing steel shall conform to ASTM A706 or AASHTO M31 (ASTM A615) Grade 60. All bars shall be full length as shown and shall be placed 2 inches clear of the nearest face of concrete unless shown otherwise.*
2. *All structural steel including fasteners shall be hot-dip galvanized after fabrication.*
3. *Normal use of precast tall median barrier is restricted to curves with radii greater than 770 feet.*
4. *Chamfer all edges 3/4-inch, typical.*
5. *Perforated C-shape shall be placed in location shown to a tolerance of 3/32-inch.*
6. *Estimated barrier weight is 8,070 pounds per 12 foot 6 inch unit length, estimated vertical backed barrier weight is 6,550 pounds.*
7. *Narrow base shoulder barrier to be used only at locations with backfill behind barrier as shown on plans.*
8. *See drawing RD548B for additional reinforcing details.*

ACCOMPANIED BY DWGS.:
RD548B

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

PRECAST TALL (42") CONCRETE BARRIER WITH MODIFIED REINFORCING

SHEET 1 OF 2

2024

DATE	REVISION DESCRIPTION
06-2024	CREATED NEW DRAWING
01-2025	REVISED REBAR FOR SLOT CONFLICTS
07-2025	REVISED NOTES

CALC. BOOK NO. N/A

SDR DATE 11-JUL-2025

RD548A

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