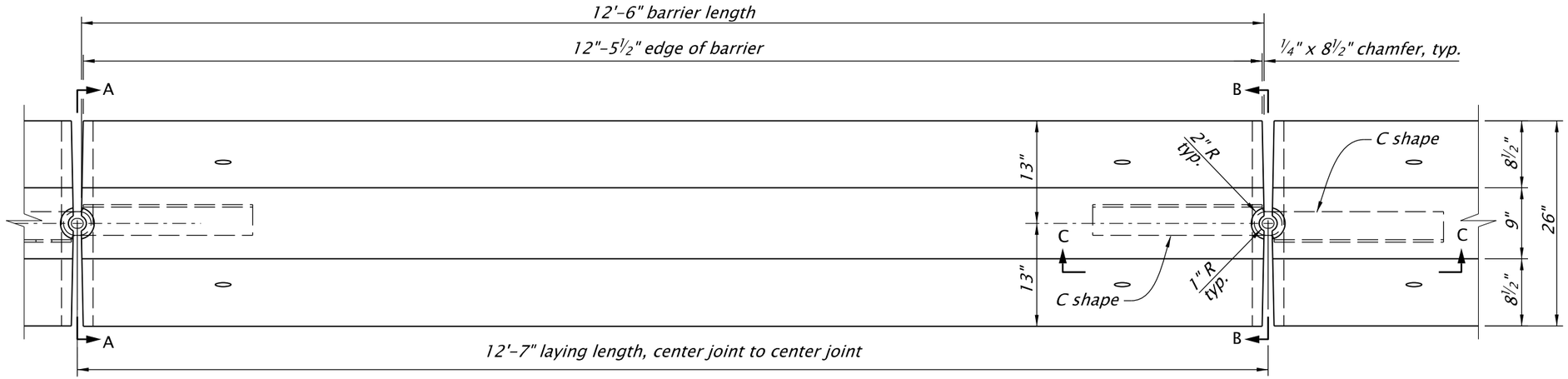
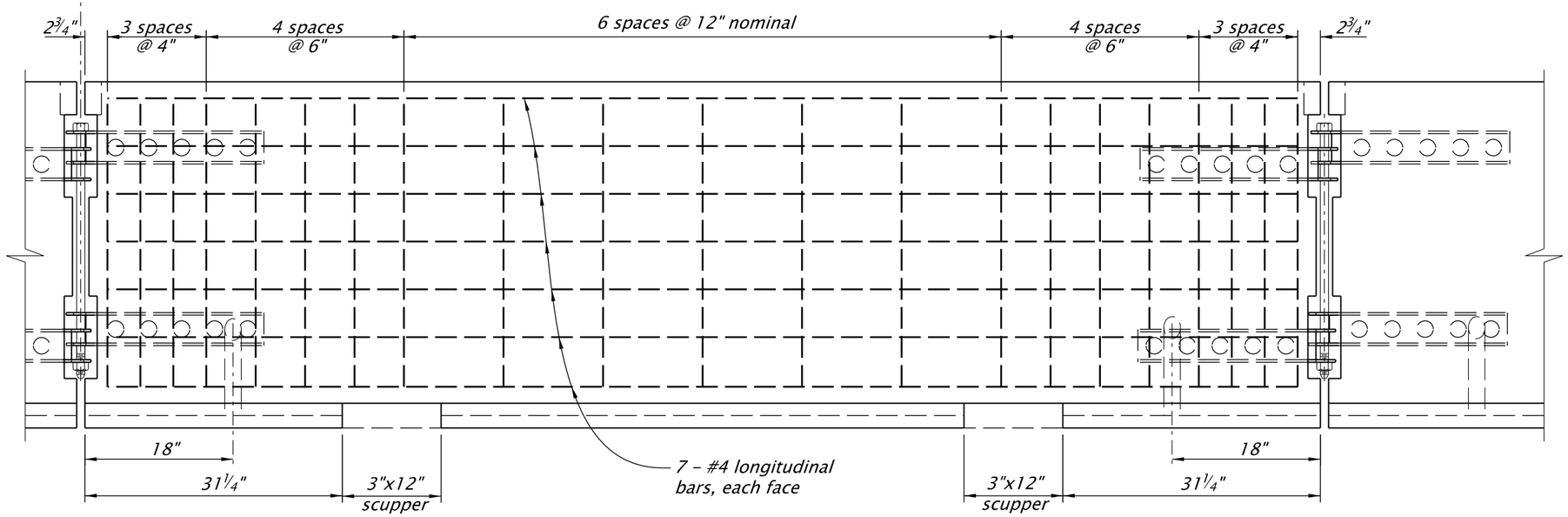
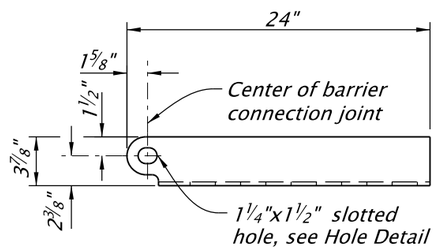


PLAN

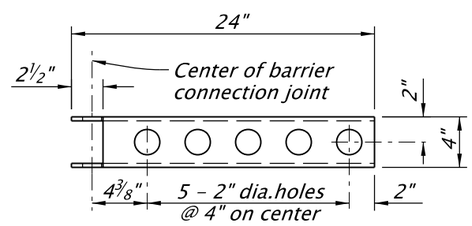


ELEVATION



PLAN

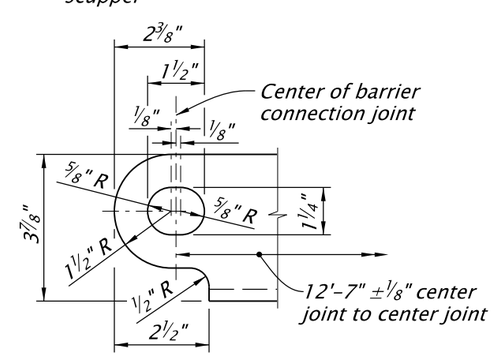
Cut from 5/16" thick steel plate
(See note 5 for casting instructions)



ELEVATION

Perforated C-shape

C-SHAPE DETAIL



HOLE DETAIL

GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

1. *All reinforcing bars shall be full length as shown and shall be 2 inches clear of the nearest face of concrete unless shown otherwise.*
2. *All pins, bolts, dowels, loop bars, and connectors shall be hot-dip galvanized after fabrication.*
3. *Normal use of precast tall median barrier is restricted to curves with radii greater than 770'.*
4. *Chamfer all edges ¾ inch , typical.*
5. *Perforated C-shape shall be placed in location shown to a tolerance of 3/32 inch.*
6. *Estimated barrier weight is 8070 pounds per 12.5 foot unit length, estimated narrow base barrier weight is 6550 pounds.*
7. *To anchor median barrier see Std. Dwg. RD502.*
8. *Narrow base shoulder barrier to be used only at locations with backfill behind barrier as shown on plans.*
9. *For barrier location details, see Std. Dwg. RD500.*
10. *When scuppers are not required, plug them with a minimum 2" of grout, as directed.*
11. *ALL EXISTING 42" BARRIER IN GOOD CONDITION IS ASSUMED TO BE MASH TL-3 COMPLIANT AND IS APPROVED FOR USE ON ODOT PROJECTS.*

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

2024

DATE	REVISION DESCRIPTION
07-2022	UPDATED DRAWING TO CONNECT
01-2023	REVISED NOTES
06-2024	REVISED NOTES

CALC. BOOK NO. N/A | SDR DATE 12-JUL-2024 | **RD545**

12-JUL-2024

RD545.dgn

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