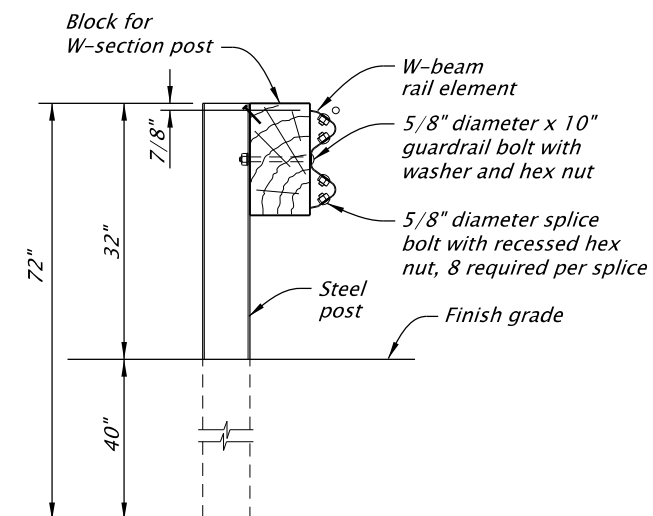
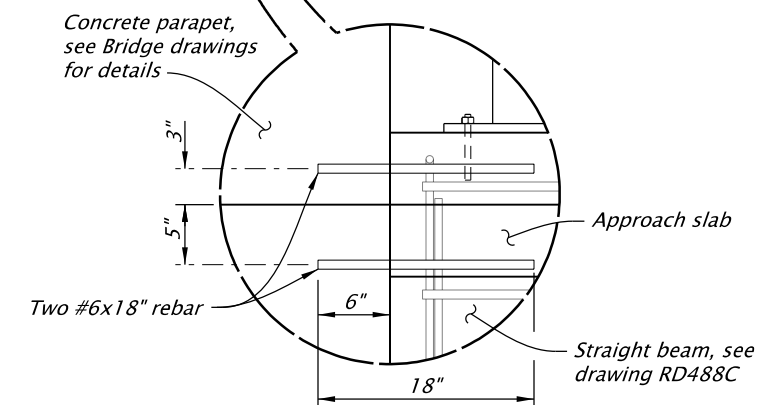
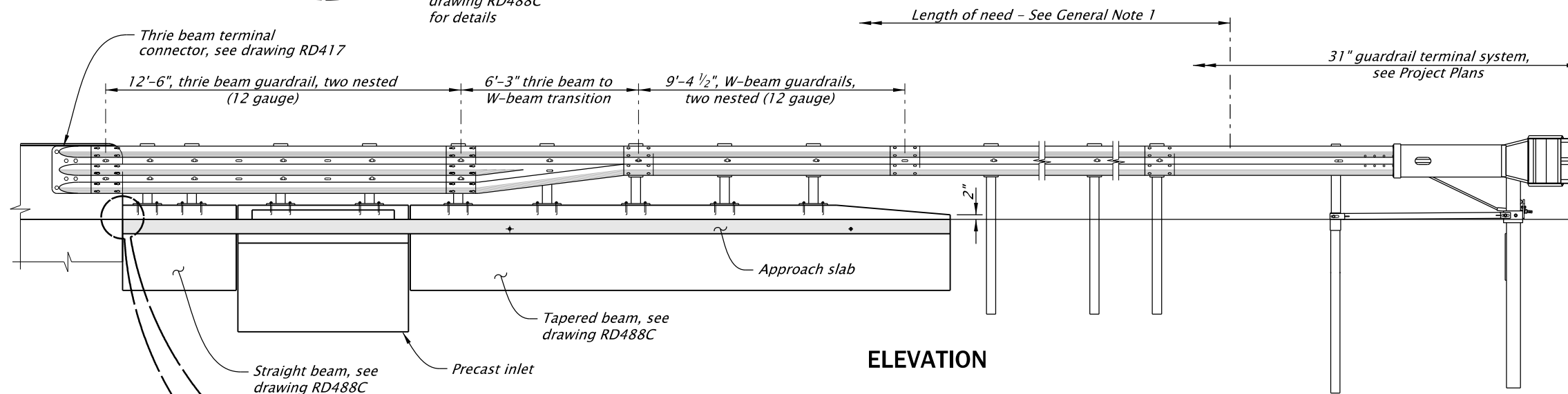
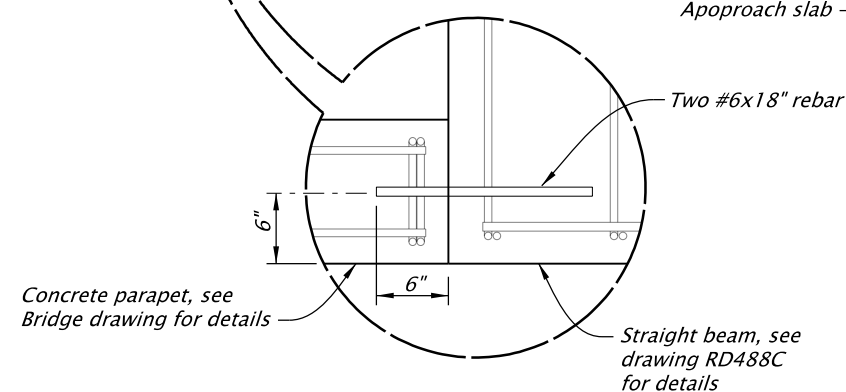
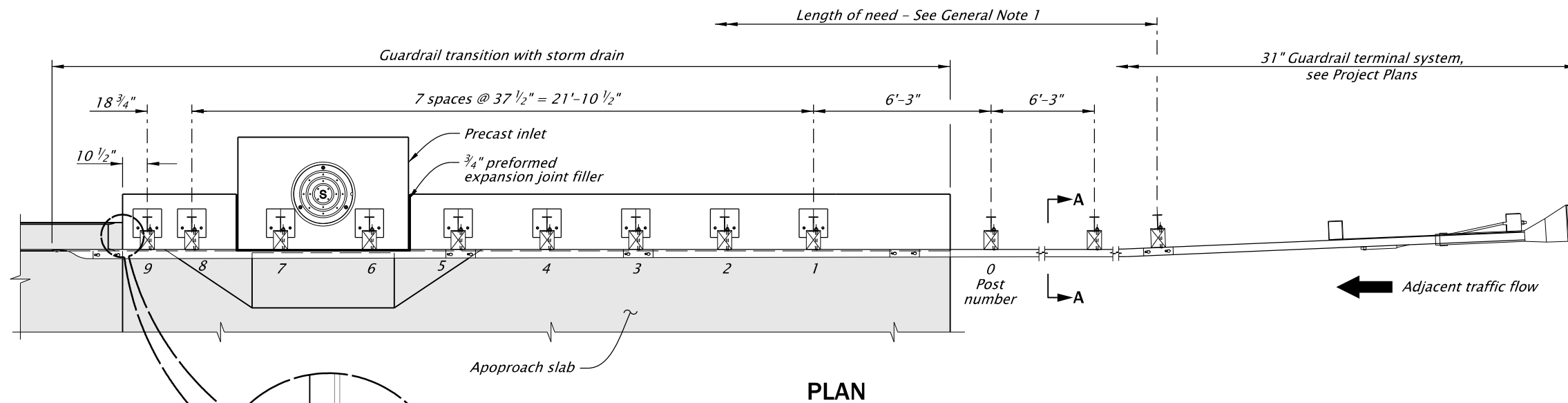




GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

1. See appropriate guardrail standard drawing(s) for posts, rail, and other hardware details not shown. See project plans for details not shown.
2. Install a guardrail terminal system that meets MASH requirements per manufacturer's recommendations. Ensure that guardrail terminal meets appropriate test level for the project.
3. Provide guardrail terminal from ODOT's QPL. Install according to manufacturer's recommendations (post count varies). Provide shop drawings to Engineer.
4. Recessed guardrail nuts on all 5/8-inch diameter bolts unless otherwise indicated.
5. All steel components, including hardware, are galvanized, and all bolts are ASTM A307 unless otherwise indicated.
6. Lap guardrail in direction of adjacent traffic.
7. See drawings RD488B and RD488C for transition details not shown.

ACCOMPANIED BY DWGS.:
RD488B, RD488C

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
MIDWEST GUARDRAIL SYSTEM
TRANSITION WITH STORM DRAIN
(MASH TL-3) INSTALLATION
SHEET 1 OF 3
2024

DATE	REVISION	DESCRIPTION
12-2025	NEW DRAWING	
CALC. BOOK NO.	N/A	SDR DATE
		13-JAN-2026

RD488A

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