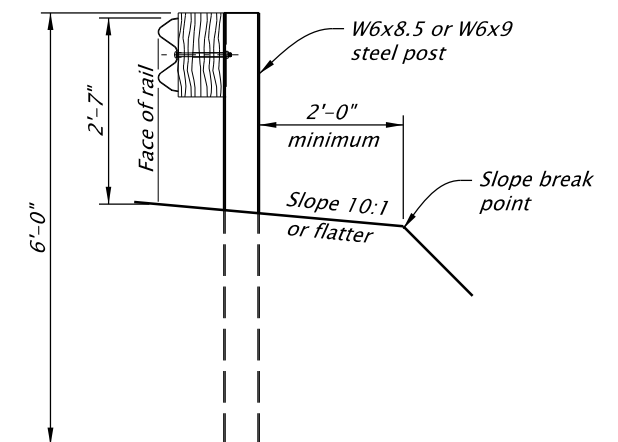
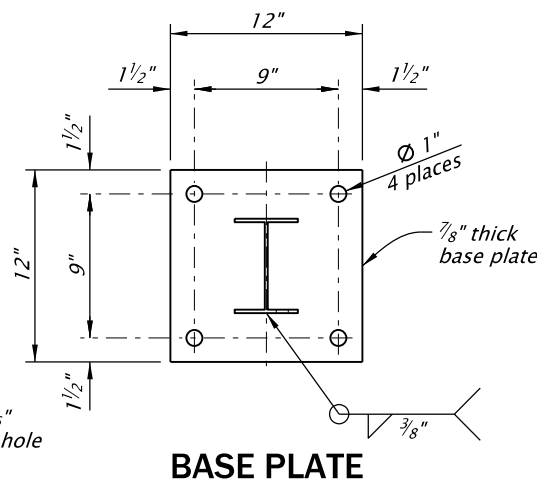
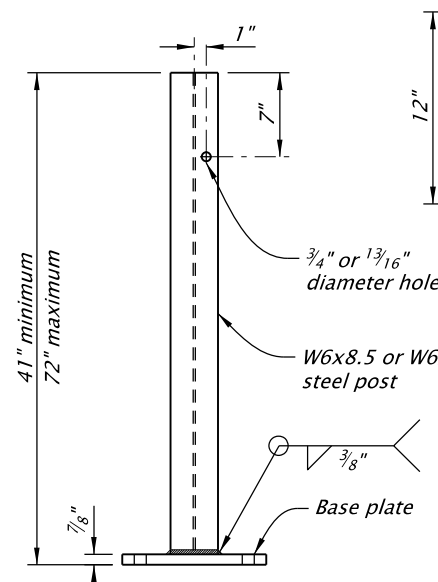
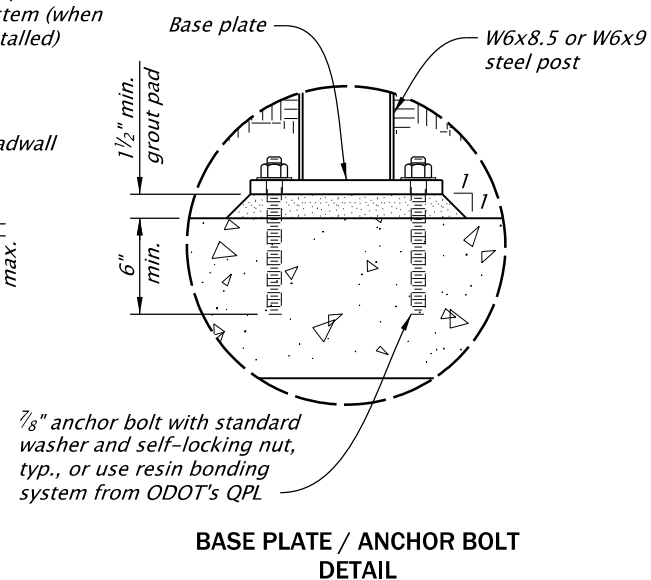
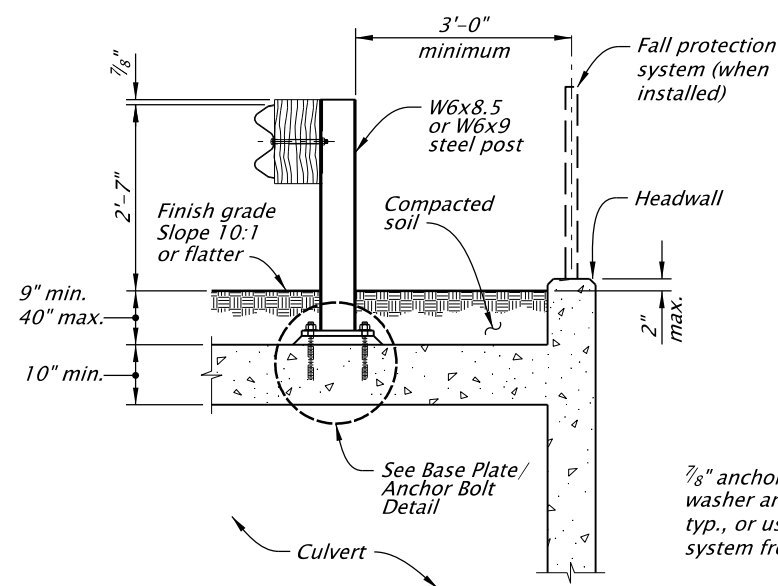
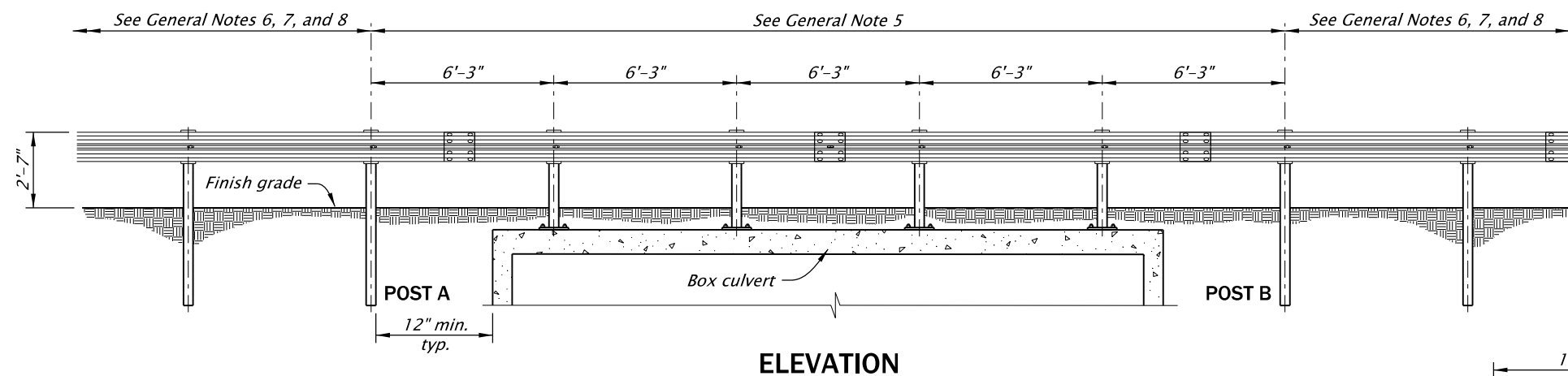
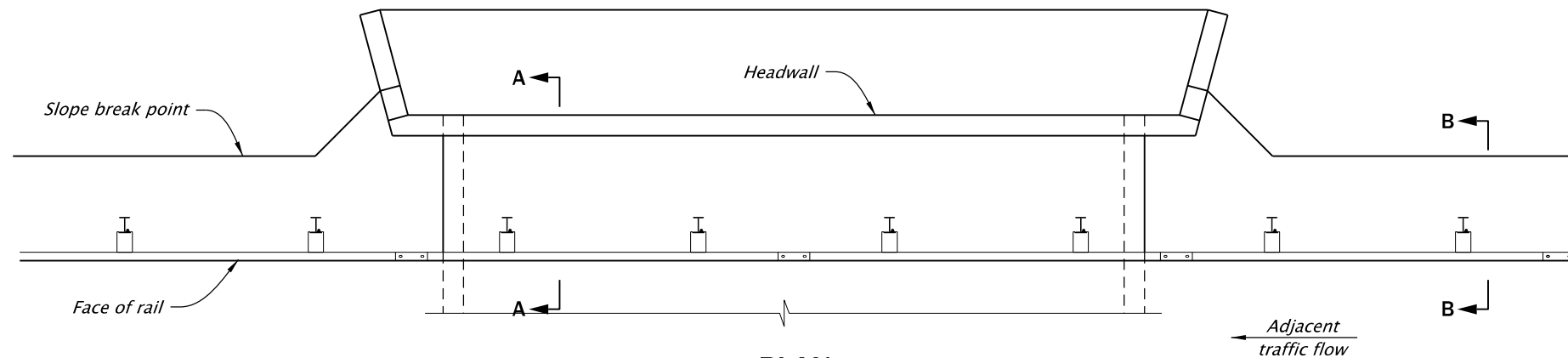




GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

1. See appropriate guardrail standard drawing(s) for details not shown.
2. It is acceptable to use a greater or lesser number of box culvert embedded guardrail anchor steel post to increase or decrease the length of system as needed.
3. Guardrail shall be lapped in the direction of adjacent traffic.
4. Attach Guardrail Post to Box Culvert with $\frac{7}{8}$ " diameter high-strength threaded rods $8\frac{1}{2}$ " in length with resin-bonded anchors.
5. Box culvert guardrail steel posts are not needed for fill depths greater than 40". Drive standard six foot length guardrail posts into compacted soil and install guardrail per Standard Drawing RD407.
6. Install at least 62'-6" of 31" guardrail upstream and downstream from posts A and B (terminals and anchors included in length).
7. Install at least 12'-6" of 31" guardrail from guardrail posts A and B before installing terminals and anchors.
8. Install at least 37'-6" of 31" guardrail upstream and downstream from guardrail posts A and B before starting a taper or radius rail guardrail system.

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
BOX CULVERT EMBEDDED ANCHOR
STEEL POST

2024

DATE	REVISION	DESCRIPTION
05-2023	NEW DRAWING CREATED	
CALC. BOOK NO.	N/A	SDR DATE: 14-JUL-2023

RD472

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