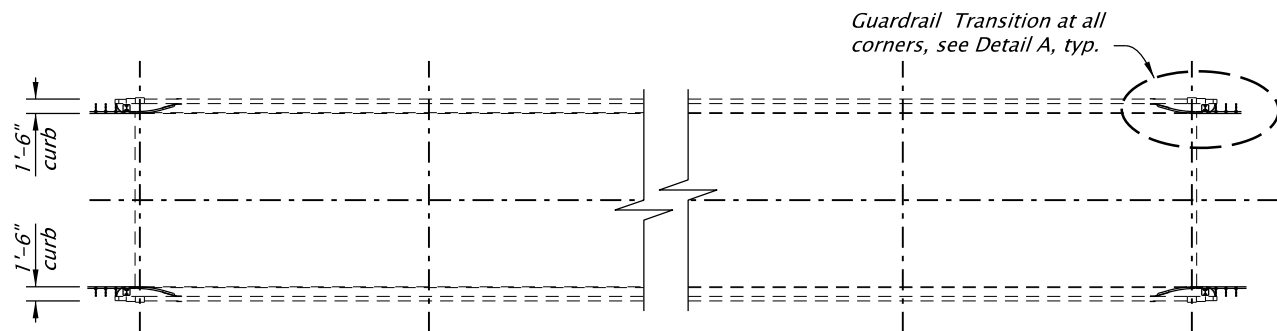
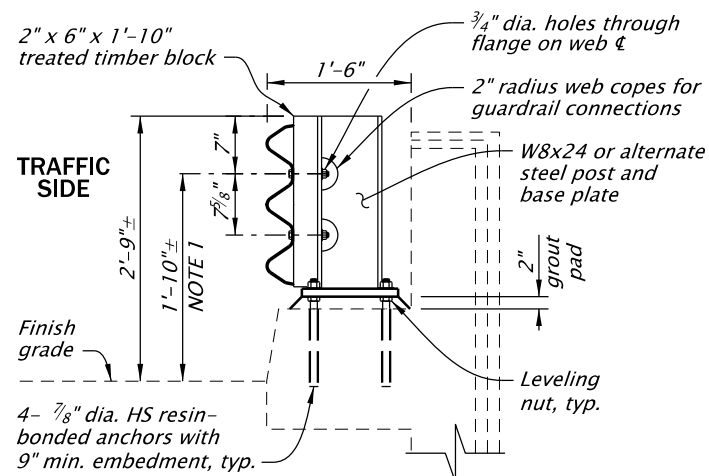
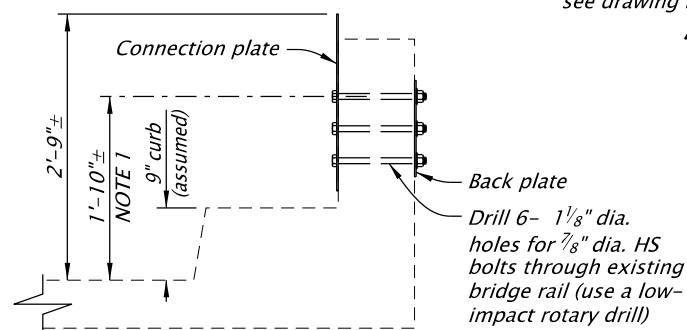
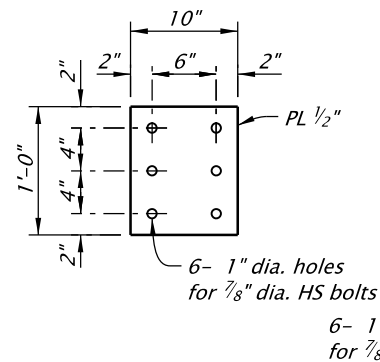
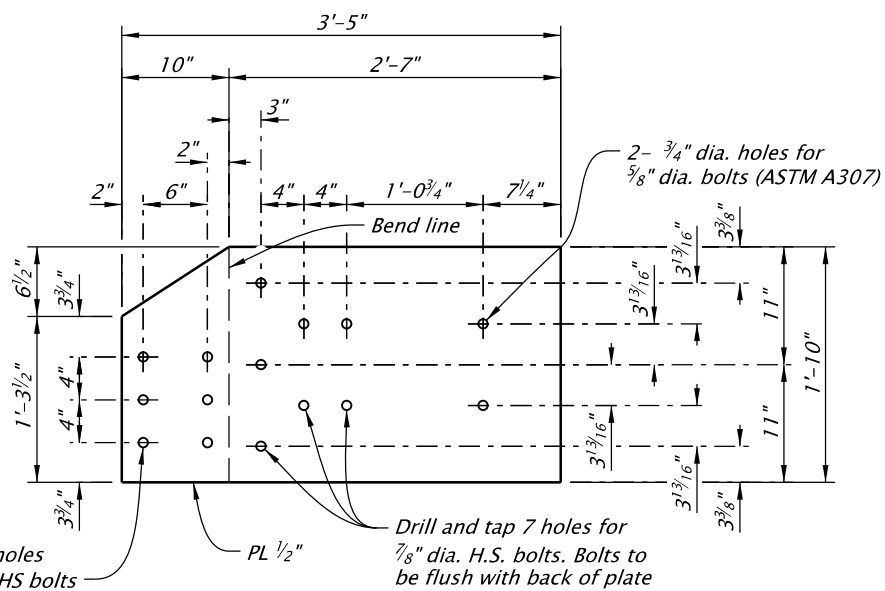
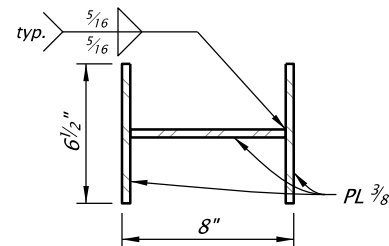
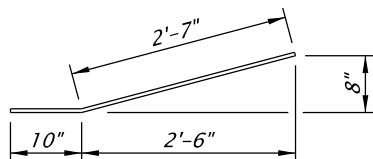
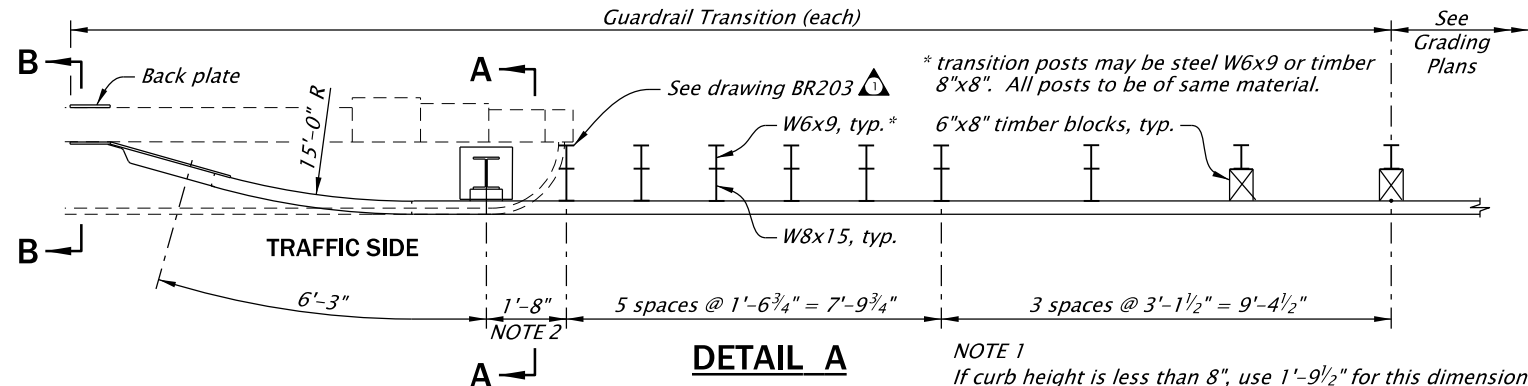
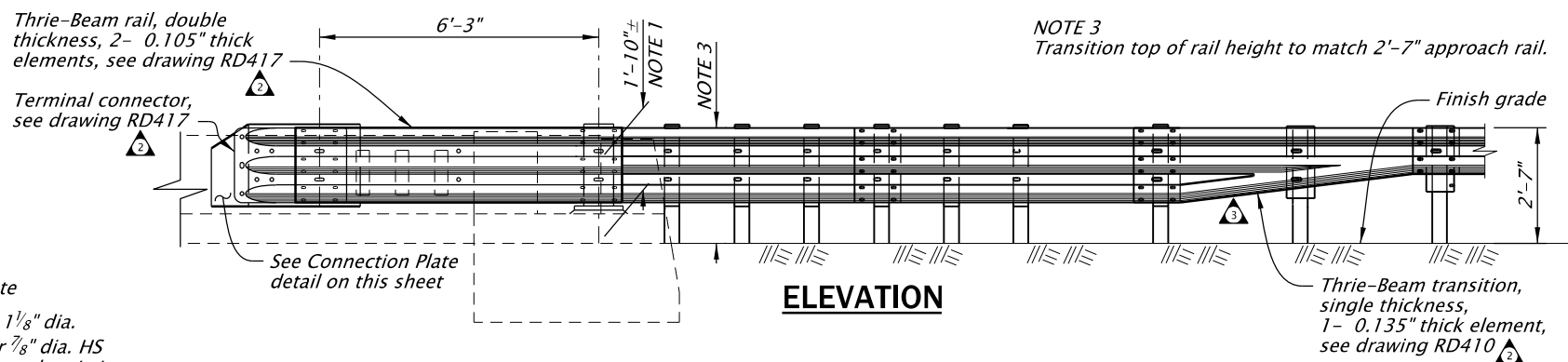


**PLAN****SECTION A-A****SECTION B-B****BACK PLATE****DEVELOPED VIEW: CONNECTION PLATE****ALTERNATE POST****CONNECTION PLATE BEND DETAILS****DETAIL A**

NOTE 1
If curb height is less than 8", use 1'-9 1/2" for this dimension.

NOTE 2
Maintain first post spacing as shown. Consider alternative attachment details to the bridge rail end (i.e. partial curb and end block removal or addition of a new end block).

NOTE 3
Transition top of rail height to match 2'-7" approach rail.

**ELEVATION**

GENERAL NOTES:
Provide non-epoxy grout for the 2" nominal grout pads as noted in Section 02080.

Provide structural steel conforming to AASHTO Specification M183 (ASTM A36).

Provide all H.S. bolts conforming to AASHTO M164 (ASTM A325).

Provide and install HS resin-bonded anchors (Grade 105) according to ODOT Specification 00535.

Hot-dip galvanize all anchor rods, washers, and nuts after fabrication.

Hot-dip galvanize all connection plate bolts, plates, and washers after fabrication of plates.

Field verify before fabrication.

Accompanied by drawings BR203, RD405, RD410, RD417

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 RAIL TRANSITION FROM FLEX BEAM RAIL TO CURB AND PARAPET RAIL

2024

DATE	REVISION	DESCRIPTION
01-2022		Modified detail note text; removed (NOTE 3 and Section D-D) notation.
07-2024		General text revisions.
01-2025		Thrie-beam transition revised; CAD standards updates

CALC. BOOK NO.	N/A	SDR DATE	10-JAN-2025	BR270
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Effective Date: June 1, 2026 – November 30, 2026