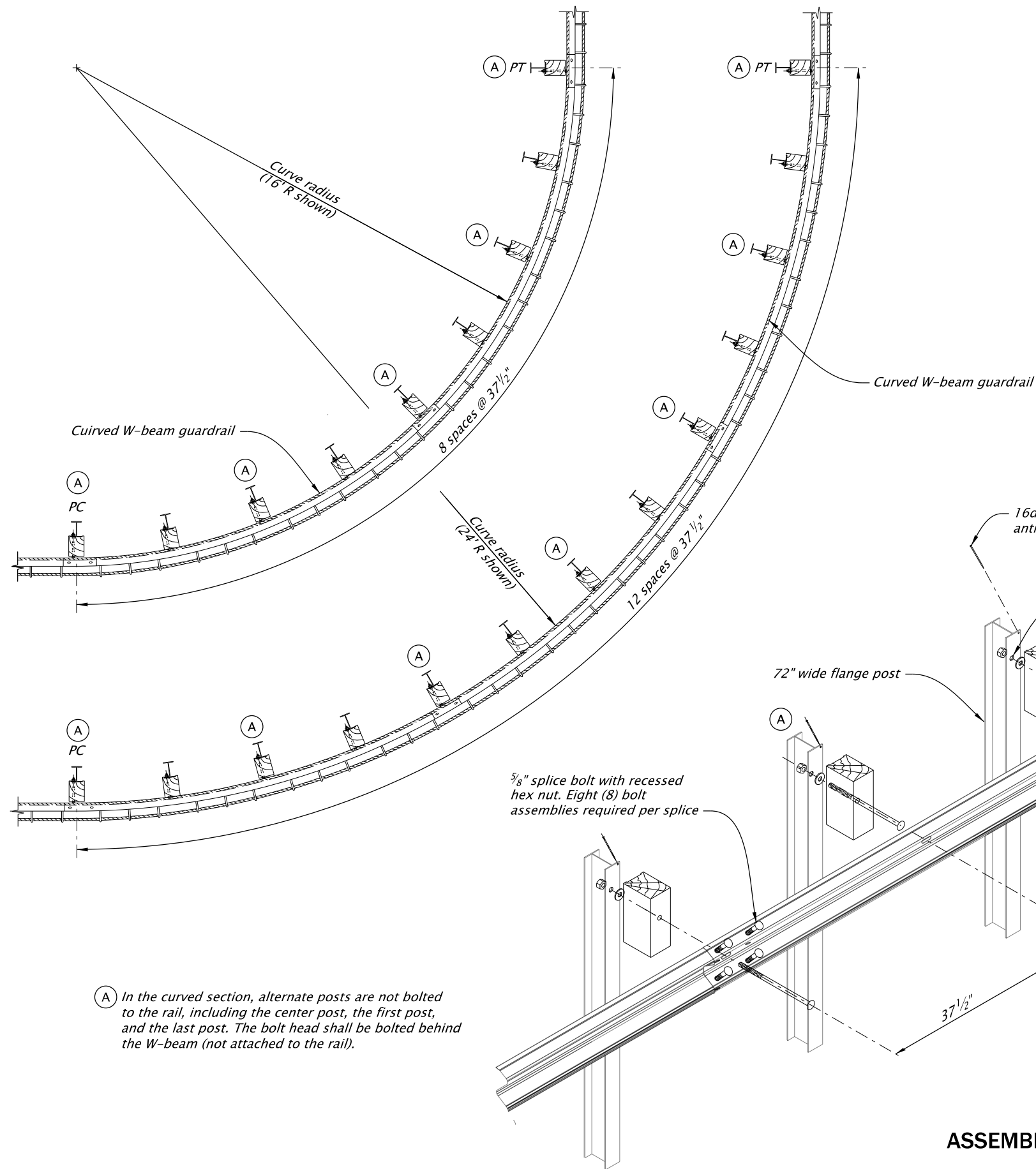




(A) In the curved section, alternate posts are not bolted to the rail, including the center post, the first post, and the last post. The bolt head shall be bolted behind the W-beam (not attached to the rail).

NUMBER OF POSTS AND CABLE LENGTH REQUIREMENTS			
GUARDRAIL RADIUS	NUMBER OF POSTS	CABLE LENGTH	
		TOP	BOTTOM
8'	5	59'	62'
16'	9	72'	75'
24'	13	85'	88'
32'	17	98'	101'
40'	21	111'	114'
48'	25	124'	127'

NOTE: Cable length should be checked prior to installation.

- GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:
1. See appropriate guardrail standard drawing(s) for posts, rail, and other hardware details not shown.
 2. See drawing RD490A for SRGS overview details.
 3. See drawing RD490B for SRSG along the main road and connection to bridge end or other concrete barrier details.
 4. See drawing RD490C for SRSG along the side road.
 5. See drawings RD490D and RD490E for SRGS eye bolt spacing and anchor bracket slot details.
 6. See drawings RD490G and RD490H for other details not shown.

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.

ACCOMPANIED BY DWGS.:
RD490A, RD490B, RD490C, RD490D,
RD490E, RD490G, RD490H

All materials shall be in accordance with the current Oregon Standard Specifications.

OREGON STANDARD DRAWINGS
SHORT RADIUS GUARDRAIL
SYSTEM (SRGS)
ALTERNATE RADII
SHEET 6 OF 8
2024

DATE	REVISION	DESCRIPTION
05-2024	CREATED	NEW DRAWING

CALC. BOOK NO. --- N/A --- SDR DATE- 12-JUL-2024 --- **RD490F**