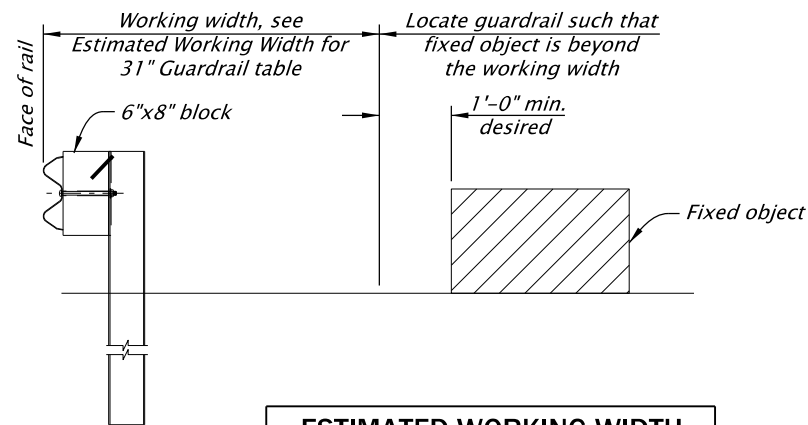


GUARDRAIL STIFFENING AT 31" END ANCHORAGE

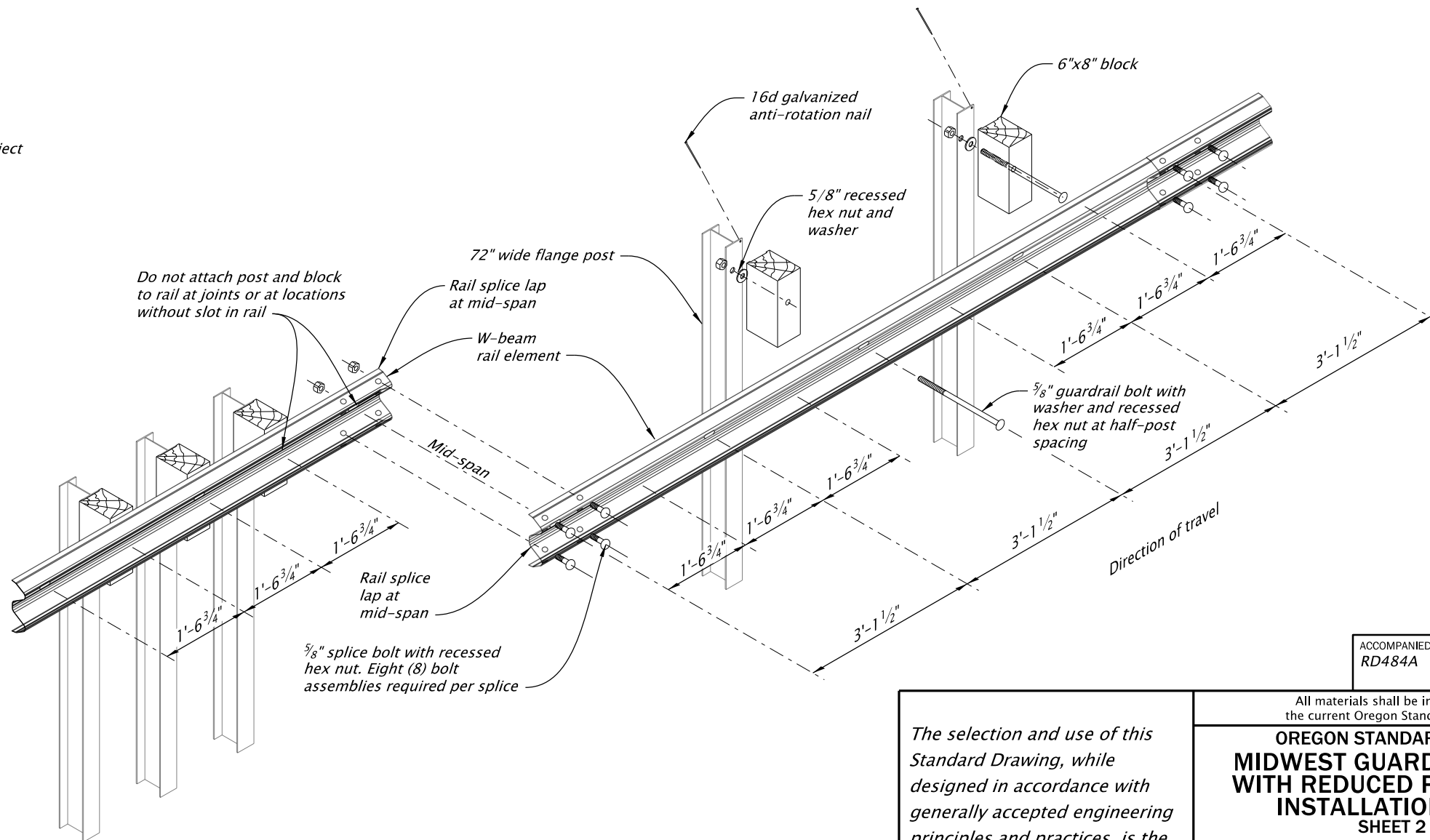
GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

1. See appropriate guardrail standard drawing(s) for details not shown.
2. Lap guardrail in direction of adjacent traffic.
3. Wood blocks shown. Blocks of an approved alternate material may be used. See ODOT's QPL.
4. In the standard post spacing sections, the guardrail bolt is secured at each blockout to a post, and the W-beam rails are spliced at midspan between the posts.
5. In the half-post spacing sections, the guardrail bolt is secured at each blockout to a post, except where a post was located at rail splices.
6. In the quarter-post spacing sections, the guardrail bolt is secured at the rail only at half-post spacing locations. Do not attach post and block rail at a rail splice or at locations without a slot in the rail.



ESTIMATED WORKING WIDTH FOR 31" GUARDRAIL	
Standard post (6'-3") spacing	5'-0"
Standard post (6'-3") spacing 9' post at 1:2 breakline	5'-3"
Half post (3'-1 1/2") spacing	3'-7"
Quarter post (1'-6 3/4") spacing	3'-0"

GUARDRAIL LOCATION - WORKING WIDTH



W-BEAM ASSEMBLY
QUARTER AND HALF POST SPACING DETAILS

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 WITH REDUCED POST SPACING INSTALLATION DETAILS SHEET 2 OF 2 2024			
DATE	REVISION DESCRIPTION		
04-2024	CREATED NEW DRAWING		
CALC. BOOK NO.	N/A	SDR DATE	12-JUL-2024
RD484B			RD484B