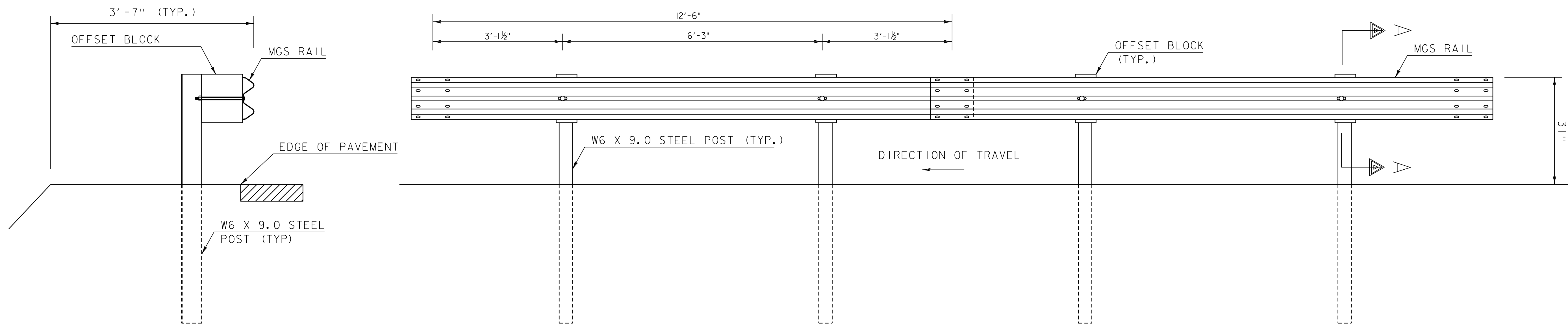
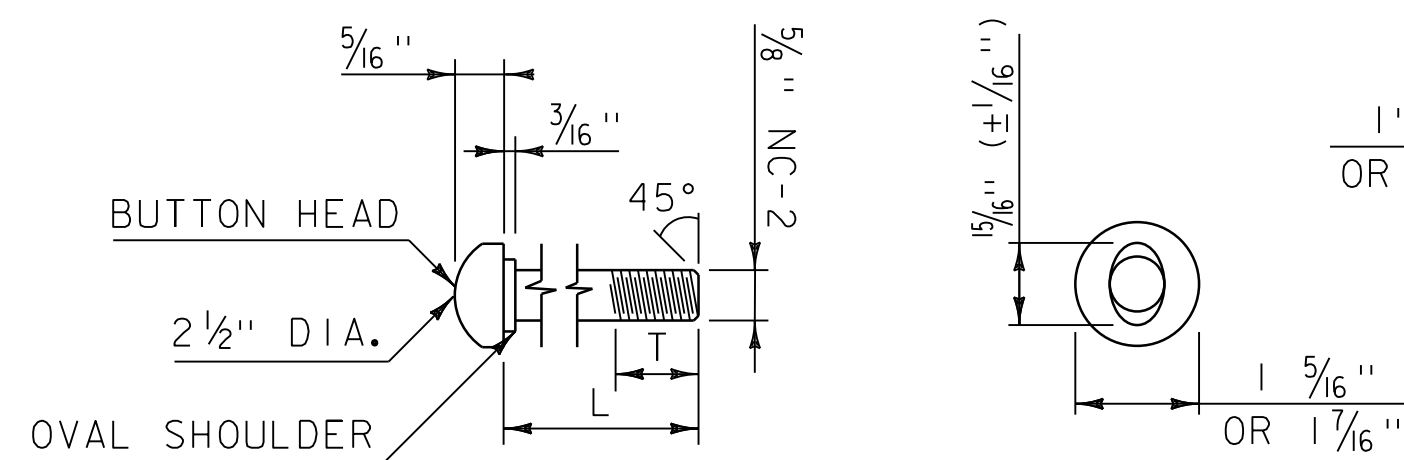


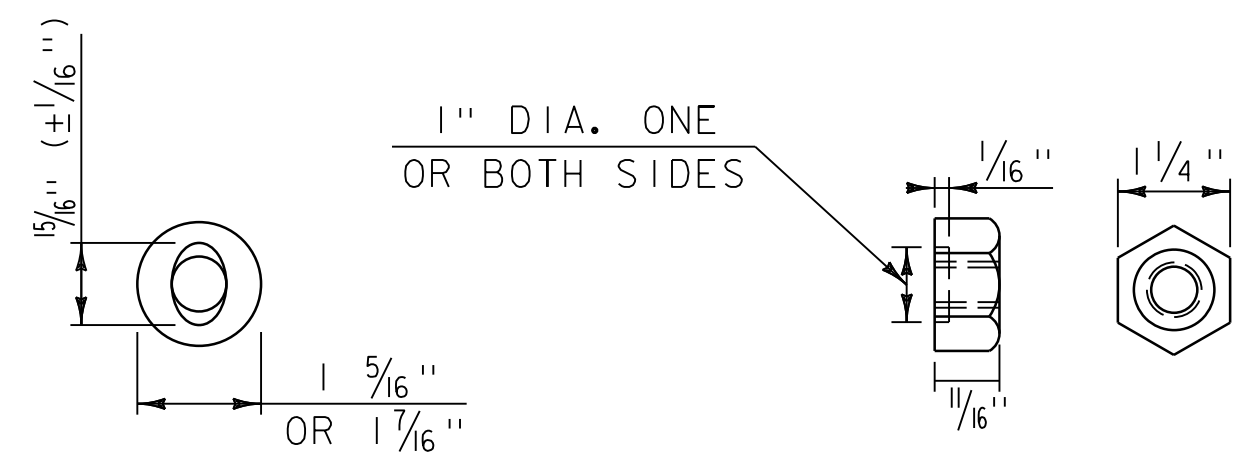


TYPICAL GUARDRAIL DETAIL
SECTION A-A

GUARDRAIL ELEVATION

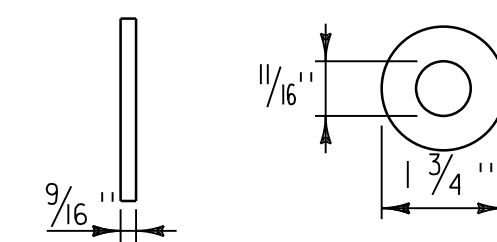


GUARDRAIL BOLT



RECESSED NUT
FOR GUARDRAIL BOLT

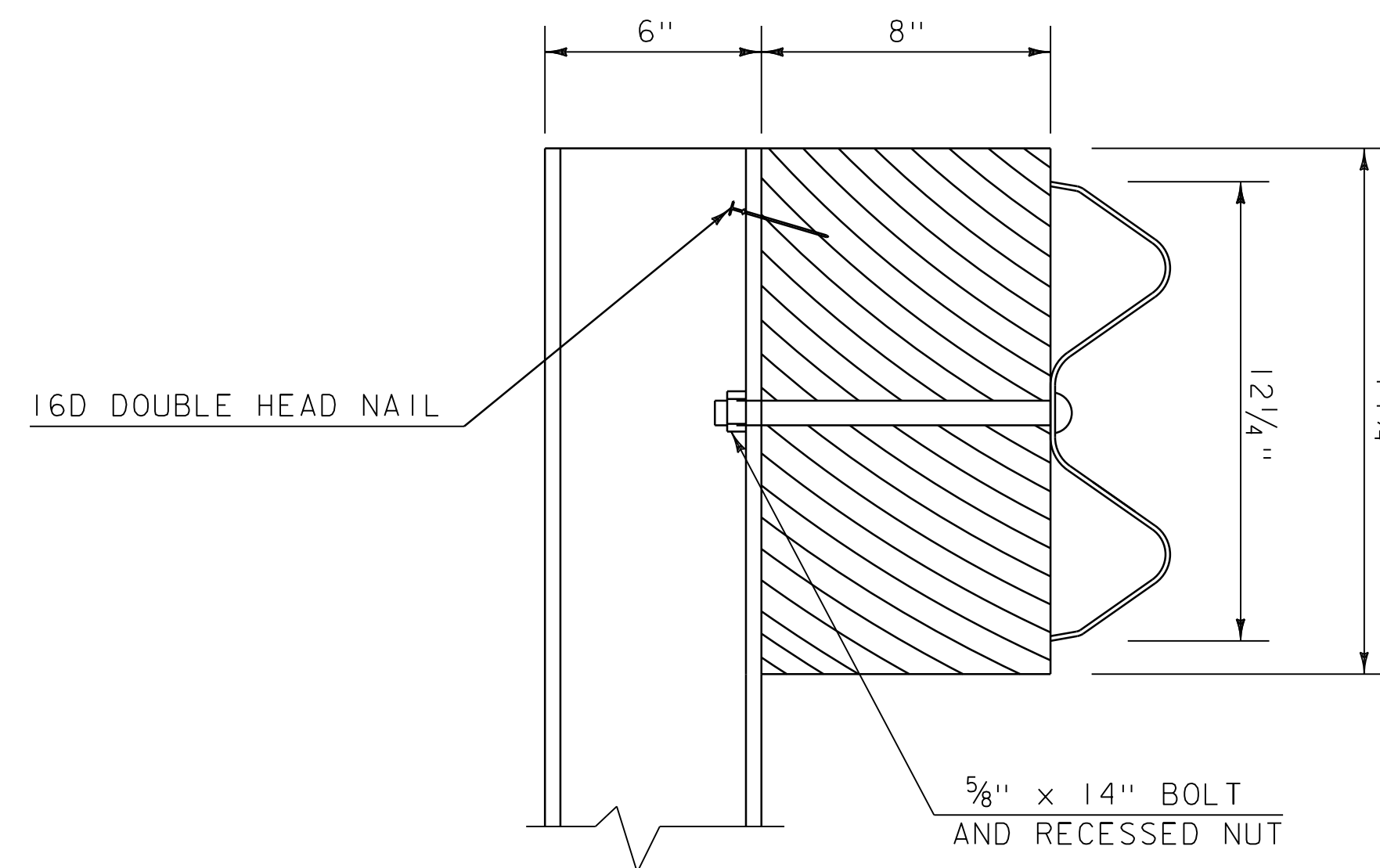
NOTE: WASHER IS USED UNDER RECESSED NUT WHERE GUARDRAIL BOLT IS USED WITH WOOD POSTS.



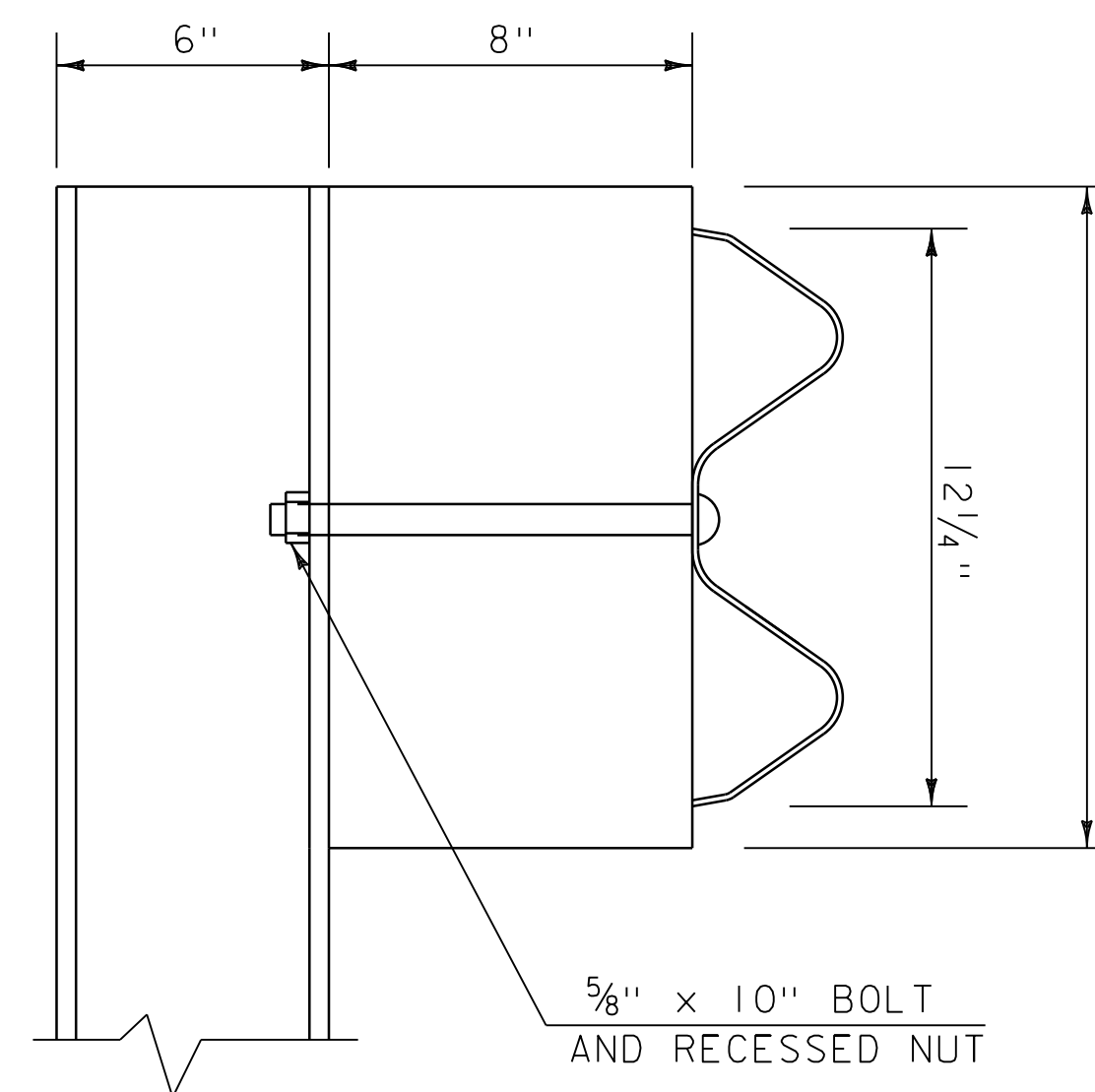
WASHER FOR 5/8" BOLTS

GENERAL NOTES

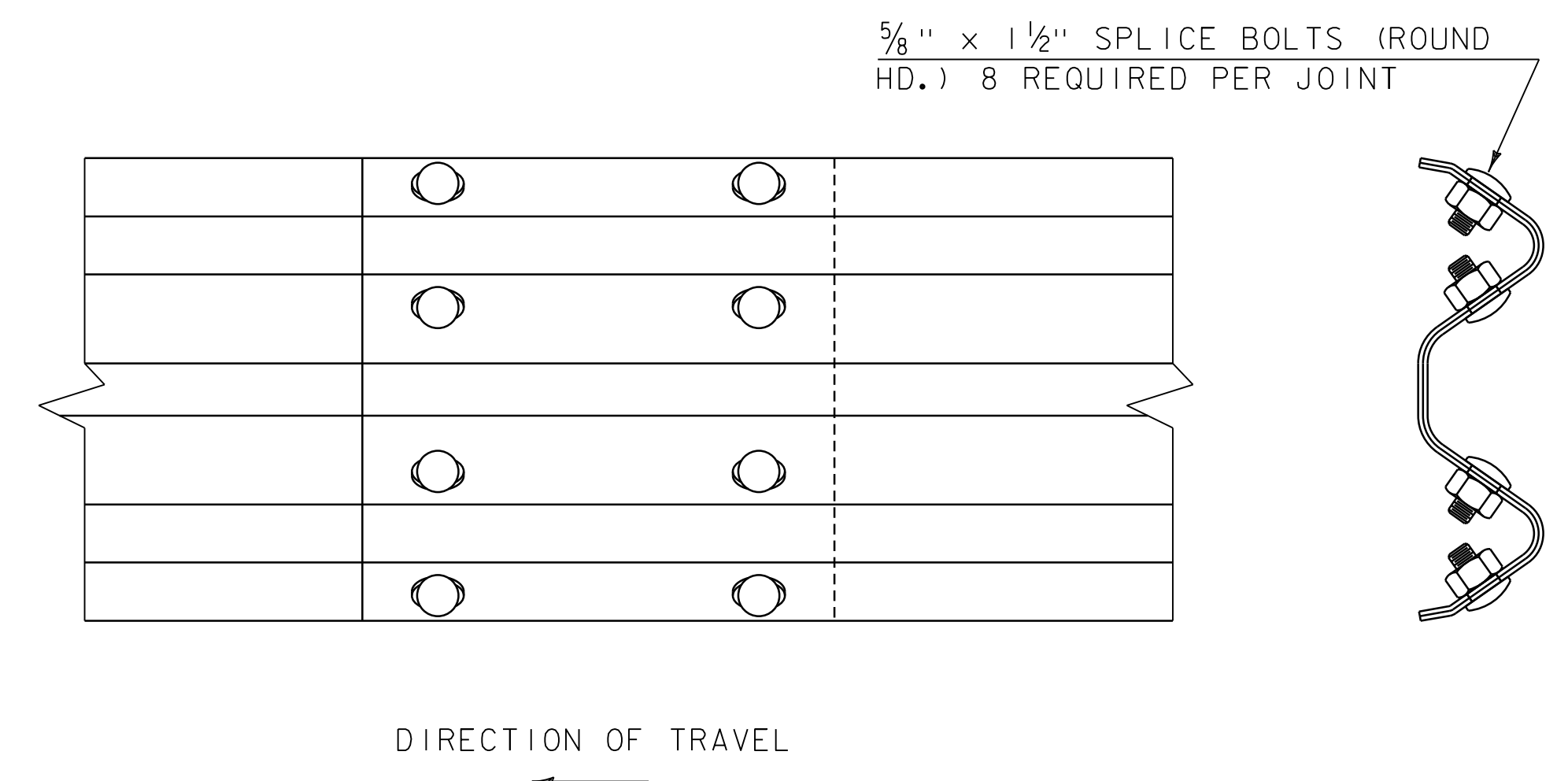
1. WHEN W-BEAM GUARDRAIL, 8 FOOT POSTS IS SPECIFIED ON THE PLANS OR IF SUFFICIENT BACKING DOES NOT EXIST AS DETERMINED BY THE ENGINEER, W6 X 9.0 STEEL POST SHALL BE INCREASED FROM 72 INCHES TO 96 INCHES.
2. THE DYNAMIC DEFLECTION DISTANCE OF 57 INCHES FOR W BEAM GUARDRAIL SHALL BE MAINTAINED CLEAR OF OBSTACLES, TO BE MEASURED FROM THE BACK OF POST.
3. FOR TEST LEVEL 3 APPLICATIONS, AS APPROVED IN THE FEDERAL HIGHWAY ADMINISTRATION'S ELIGIBILITY LETTER, HSST/B-240, DATED NOVEMBER 8, 2012.



POST ATTACHMENT DETAIL
WOOD BLOCKOUT



POST ATTACHMENT DETAIL
COMPOSITE BLOCKOUT



SPLICE DETAIL

REV.	DATE	DESCRIPTION
0	JULY 22, 2026	ORIGINAL APPROVAL
OTHER STANDARDS REQUIRED: NONE		
APPROVALS ON FILE WITH VTRANS STANDARD DRAWING COMMITTEE		

MIDWEST GUARDRAIL SYSTEM (MGS)



STANDARD
G - 20