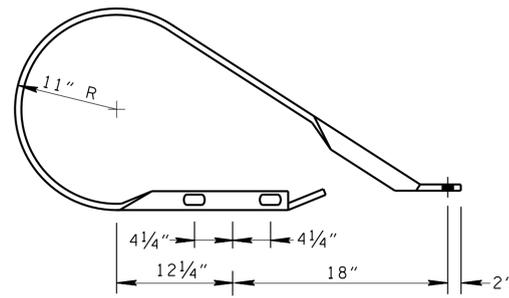
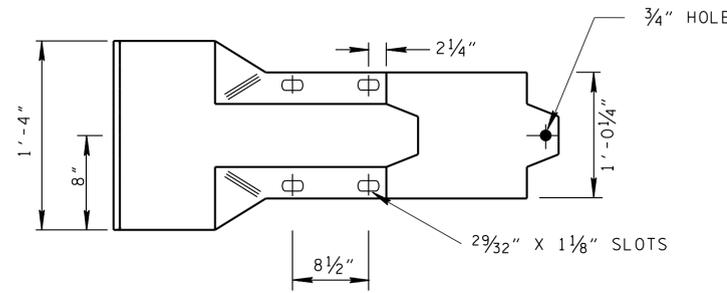


SECTION "B-B" (S-GRT-3)
(TYPICAL AT POST NOS. 3 & 4)



PLAN

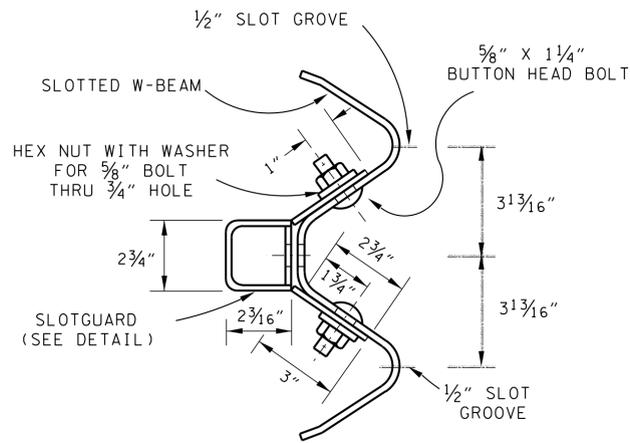


ELEVATION

END ELEMENT FOR GUARDRAIL TERMINAL (TYPE 21)
(TO BE PREFORMED BY THE MANUFACTURER)

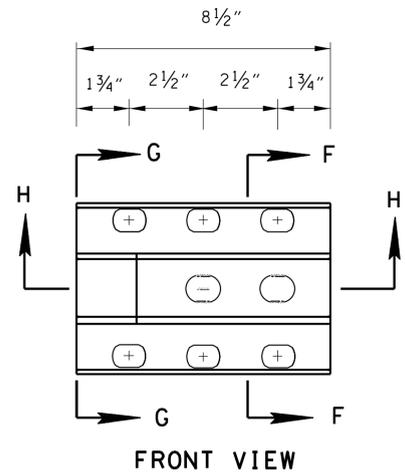
SEE S-GRT-3 FOR SYSTEM VIEW

SPECIAL NOTES FOR END ELEMENT	
(A)	HOLE SPACING IS THE SAME AS FOR ELEMENT DETAILS. OTHER DIMENSIONS SHOWN MAY VARY SLIGHTLY ACCORDING TO MANUFACTURERS DETAILS.
(B)	ALL END ELEMENTS SHALL BE 12 GAGE STEEL CONFORMING TO THE REQUIREMENTS OF AASHTO M180, CLASS A, TYPE 2.
(C)	RAIL MATERIAL SHALL HAVE A MINIMUM YIELD STRENGTH 50 KIPS PER SQUARE INCH AND A TENSILE STRENGTH OF 70 KIPS PER SQUARE INCH.

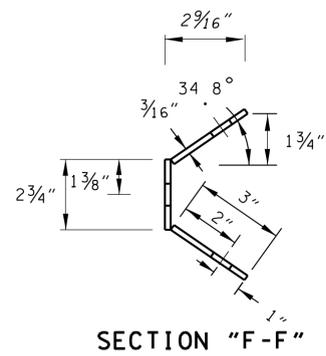


SECTION "E-E" (S-GRT-3)

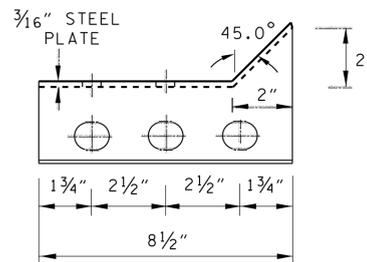
NOTE: 8 - 5/8" X 1 1/4" BUTTON HEAD BOLTS AND NUTS REQUIRED FOR EACH SLOTGUARD ASSAMBLY.



FRONT VIEW



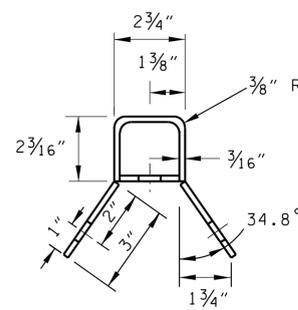
SECTION "F-F"



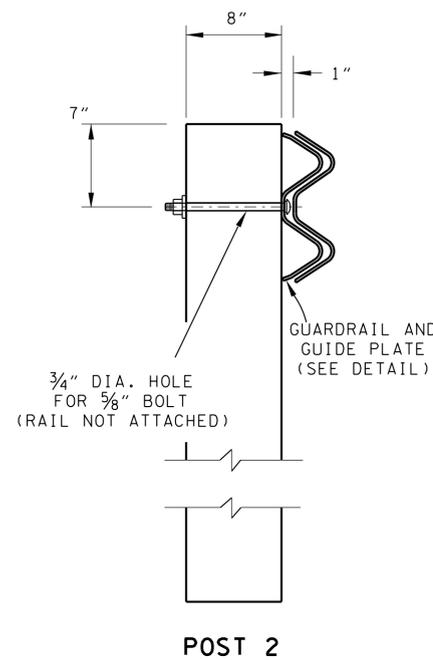
SECTION "H-H"

NOTE: ALL HOLES 2 9/32" X 1 1/8" DIAMETER

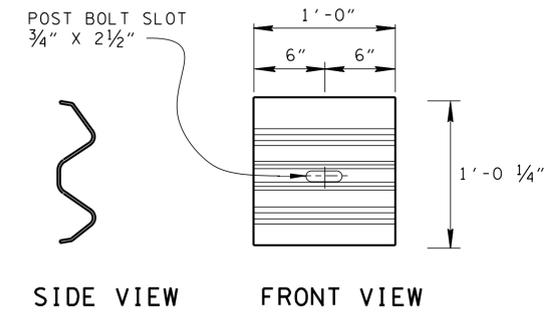
SLOTGUARD DETAIL



SECTION "G-G"
SIDE VIEW



GUARDRAIL WITH BACK UP PLATE DETAIL



GUIDE PLATE (AASHTO M180)

(SAME CLASS AND TYPE AS RAIL ELEMENT)

NOTE: GUARDRAIL AT POST 2 SITS ON TOP OF GUIDE PLATE, BUT IS NOT ATTACHED TO POST BY BOLT. ONLY GUIDE PLATE IS TO BE BOLTED TO POST.