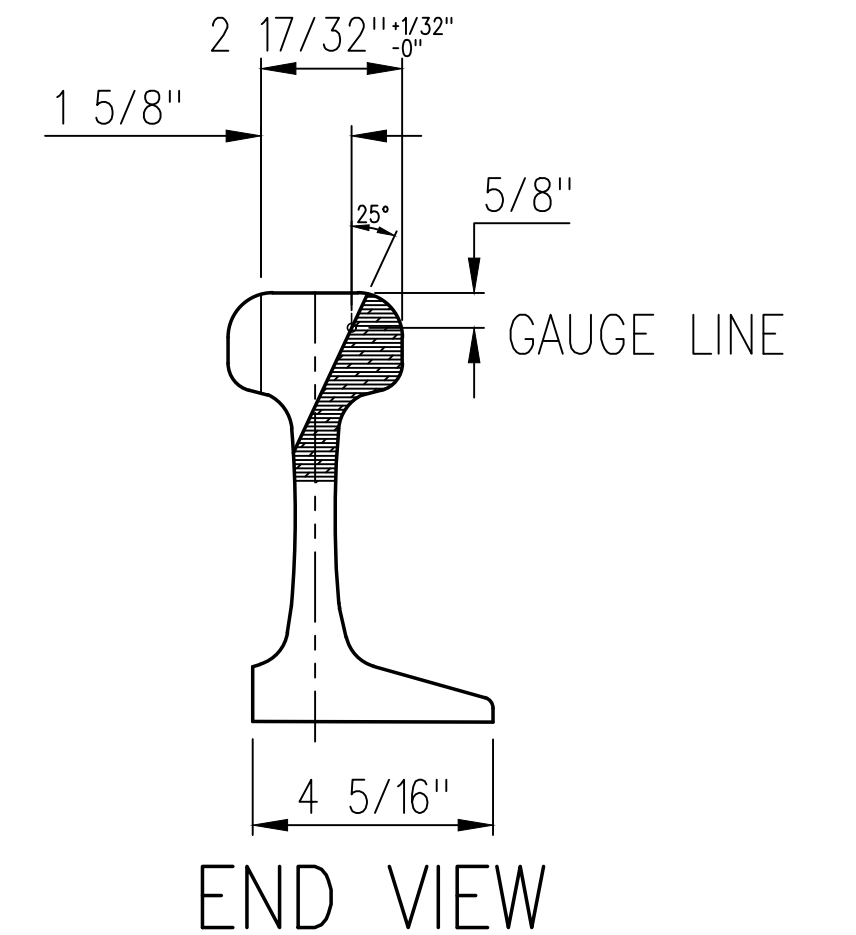


**MACHINING OF
GUARD RAILS**
(NO. 20 LATERAL RIGHT GUARD RAIL ILLUSTRATED)

RIGHT-HAND TURNOUTS		A	B	C	D	E	F	G	H	I	J	K	L
NO.	GUARD RAILS												
8	RIGHT	21'-6"	2-1/2"	3'-8"	7'-15/8"			10'-7 15/16"	13'-7 1/4"	16'-11 1/2"	20'-2 7/8"		
8	LEFT	21'-6"	3-1/2"	3'-6 1/2"	6'-10 1/2"			10'-7 1/2"	13'-3 1/2"	16'-8 3/4"	20'-2"		
10	RIGHT	20'-9"	2-1/4"	3'-10 3/4"	6'-10 7/8"			10'-5"	13'-1 5/8"	16'-4 3/4"	19'-6 1/4"		
10	LEFT	20'-9"	2-1/2"	3'-4"	6'-7"			10'-1 1/2"	12'-9 1/2"	15'-9 1/2"	19'-6"		
12	RIGHT	20'-7"	2-1/8"	3'-6 1/4"	6'-6 7/8"			10'-3"	13'-1 1/8"	16'-4 1/4"	19'-4 3/8"		
12	LEFT	20'-7"	2-1/2"	3'-2 1/2"	6'-5 1/2"			10'-1 1/2"	12'-11 1/2"	16'-0"	19'-4"		
16	RIGHT	24'-0"	3"	3'-7 1/8"	6'-10 3/16"	10'-0 1/4"		12'-0 1/4"	13'-2 1/4"	16'-4 5/16"	19'-6 3/8"	22'-8 1/2"	
16	LEFT	24'-0"	3-1/2"	3'-5 1/2"	6'-7 1/2"	9'-9 1/2"		11'-9 1/2"	12'-11 1/2"	16'-1 1/2"	19'-4 1/2"	22'-8 1/2"	
20	RIGHT	29'-7"	3"	3'-6 1/2"	6'-6 1/2"	9'-6 1/2"	12'-6 1/2"	14'-5 1/2"	15'-6 1/2"	18'-8 1/2"	21'-10 1/2"	25'-0 1/2"	28'-3 1/2"
20	LEFT	29'-7"	3"	3'-6"	6'-8"	9'-10"	13'-0"	14'-11"	16'-0"	19'-0"	22'-0"	25'-0"	28'-3 1/2"

TYPICAL END DETAIL
OF GUARD RAILS



NOTES

1. WHEN REFERRING TO GUARD RAILS, PLAN AND TURNOUT NUMBER MUST BE STATED TO INDICATE SPECIFIC GUARD RAIL REQUIRED.
2. ALL HOLES TO BE DRILLED. THE USE OF ACETYLENE TORCH OR OTHER BURNING METHOD FOR THE MAKING OF HOLES OR CUTTING IN MANUFACTURE OF GUARD RAILS IS ABSOLUTELY PROHIBITED.
3. FOR ASSEMBLY OF GUARD RAILS SEE DRAWING GTS-1116 A/H.
4. x DENOTES GUARD RAIL FOR EQUILATERAL TURNOUTS, (FOR LEFT HAND TURNOUTS SEE GTS-1115).

METRIC CONVERSION: 1 inch=25.4mm, 1 foot=304.8mm

1	18/07/27	ADDED IMPERIAL TO METRIC CONVERSION NOTE	
No.	Date	Revision	By Approved

Standard / **MACHINING
GUARD RAILS-RIGHT HAND TURNOUTS
FOR 136LB. R.E. RAILS**

Drawn MG Checked GGS Approved *[Signature]*
VP Engineering & Asset Management



Date DEC 15, 2017 Plan Number GTS-1114 Rev 1

REFERENCE: TS-1114 Sheet 1 OF 1