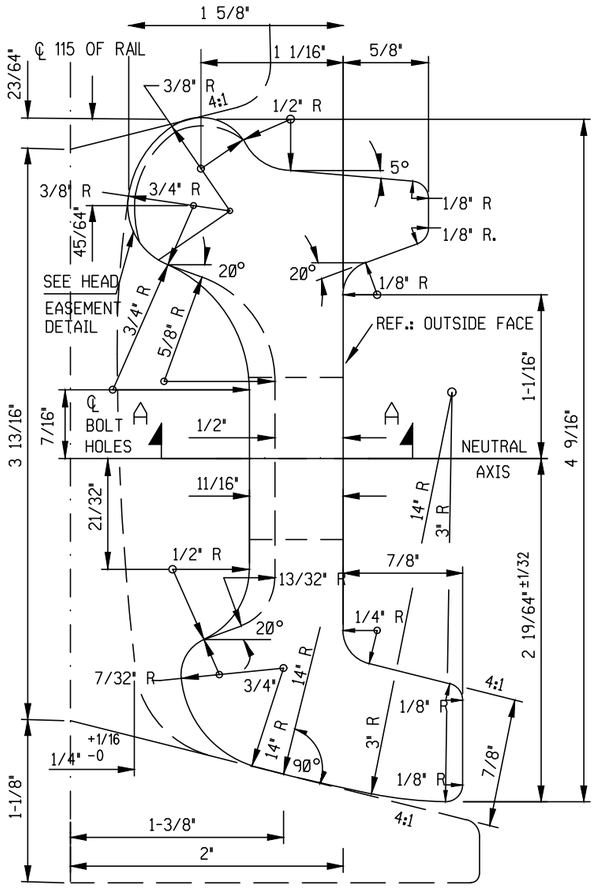
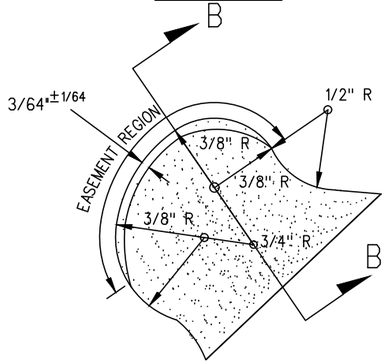
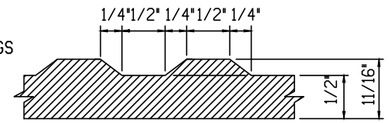


TOLERANCE NOTE:
THE SPLICE BARS MUST FIT PERFECTLY WITH THE HEAD, BASE, AND DRILLINGS OF SAMPLE RAIL ENDS WHICH WILL BE SUPPLIED BY THE RAILWAY COMPANY AT THE MANUFACTURER'S REQUEST.

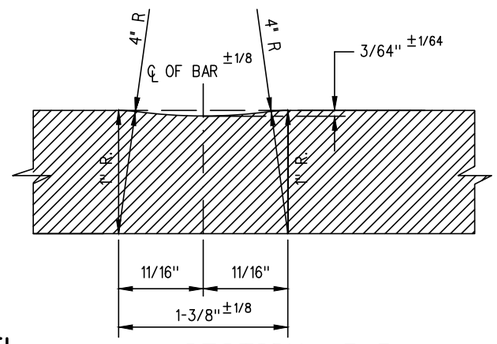
END VIEW



HEAD EASEMENT DETAIL



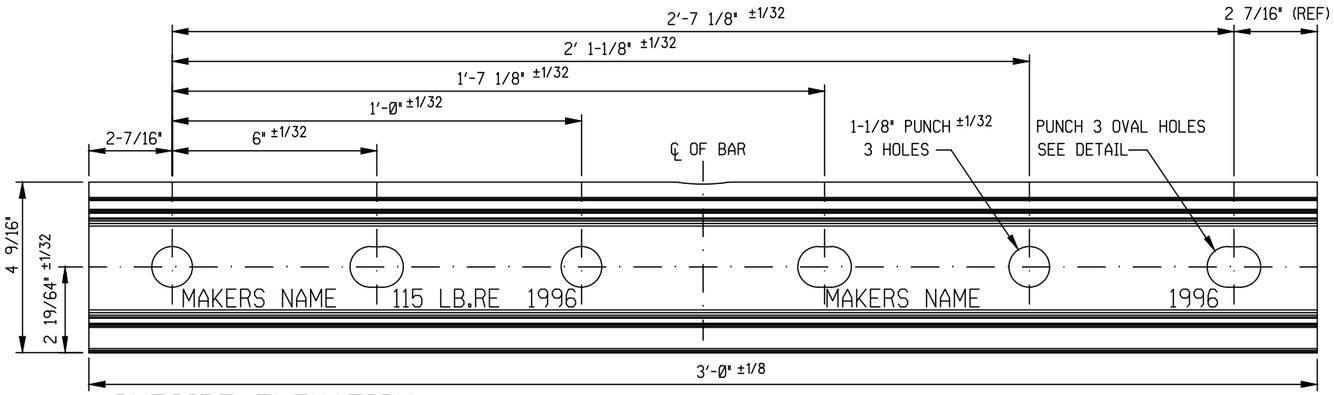
SECTION A-A



SECTION B-B

6 HOLE BAR

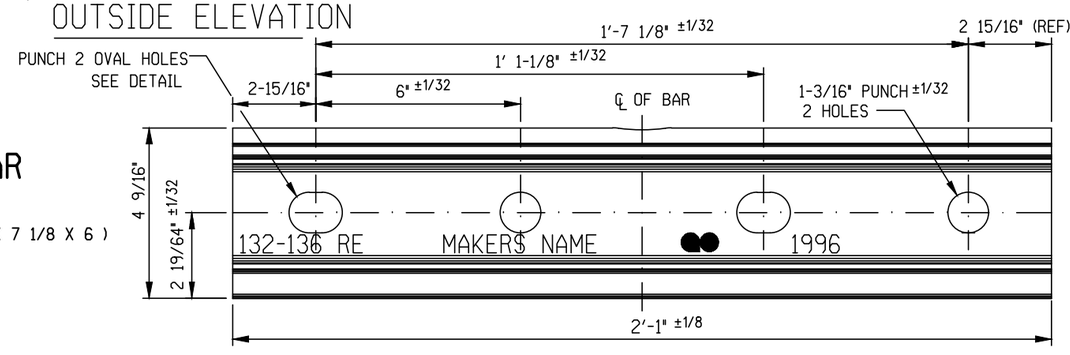
(ISSUED AS PAIR)
(HOLE SPACING 6 X 6 X 7 1/8 X 6 X 6)



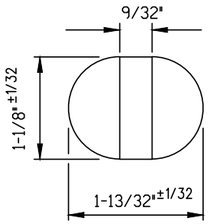
OUTSIDE ELEVATION

4 HOLE BAR

(ISSUED AS PAIR)
(HOLE SPACING 6 X 7 1/8 X 6)



OUTSIDE ELEVATION



OVAL HOLE DETAIL

DIMENSIONS AT INSIDE FACE

PHYSICAL PROPERTIES OF ONE BAR			
GROSS AREA:	MAXIMUM	5.21	IN^2
	MINIMUM	4.83	IN^2
	AVERAGE	5.02	IN^2
MOMENT OF INERTIA		10.43	IN^4
SECTION MODULUS:	TOP	4.64	IN^3
	BOTTOM	4.52	IN^3
NEUTRAL AXIS:	FROM TOP	2.25	IN
	FROM BOTTOM	2.31	IN
NET WEIGHT OF 6 HOLE BAR		49.90	LBS
NET WEIGHT OF 4 HOLE BAR		34.69	LBS

NOTES:

- ALTERNATE OVAL AND ROUND BOLT HOLES SHALL BE PUNCHED IN THE ORDER SHOWN.
- BOLT HOLES SHALL BE PUNCHED FROM THE INSIDE OF SPLICE BAR.
- THE USE OF ACETYLENE TORCH OR OTHER BURNING METHOD FOR THE CUTTING OR MAKING OF HOLES IN THE MANUFACTURE OF SPLICE BARS IS ABSOLUTELY PROHIBITED.
- 3/8" MIN. IDENTIFICATION MARK SHALL BE ROLLED IN RAISED CHARACTERS (1/32" MIN.) ON THE OUTSIDE OF THE BARS.
- EACH FINISHED SPLICE BAR MUST HAVE A TOTAL MARKING SHOWN.

MATERIAL: SPLICE BARS SHALL BE MADE OF BASIC OPEN-HEARTH OR BASIC OXYGEN CARBON STEEL ACCORDING TO THE LATEST REVISION OF GO TRANSIT TRACK STANDARDS.

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

No.	Date	Revision	By Approved
0	18/08/31	REVISED PDF VERSION ESTABLISHED	

Standard

HEAD FREE RAIL SPLICE BAR FOR 115 LB. R.E. RAILS

Drawn MG | Checked GGS | Approved VP Engineering & Asset Management

METROLINX

Date AUG 31/2018 | Plan Number GTS-1202 | Rev 0

REFERENCE: TS-1202 | Sheet 1 OF 1