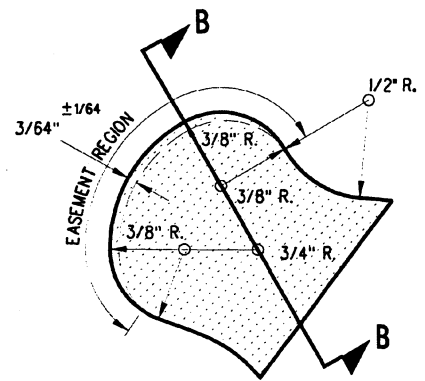


6 HOLE BAR
 STOCK NUMBERS
 NEW 01-05-302
 PARTLY WORN 01-05-303
 (ISSUED AS PAIR)
 (HOLE SPACING 6 X 6 X 7 1/8 X 6 X 6)

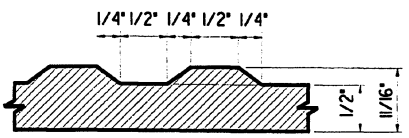
4 HOLE BAR
 STOCK NUMBERS
 NEW 01-05-304
 PARTLY WORN 01-05-305
 (ISSUED AS PAIR)
 (HOLE SPACING 6 X 7 1/8 X 6)

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.

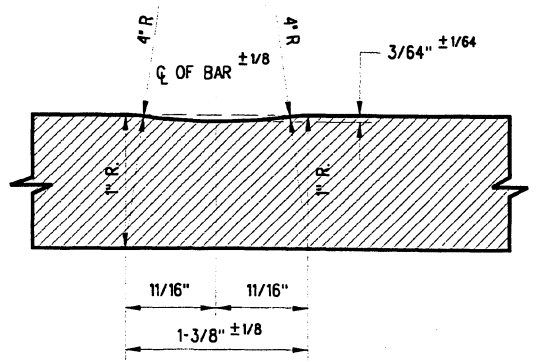
END VIEW



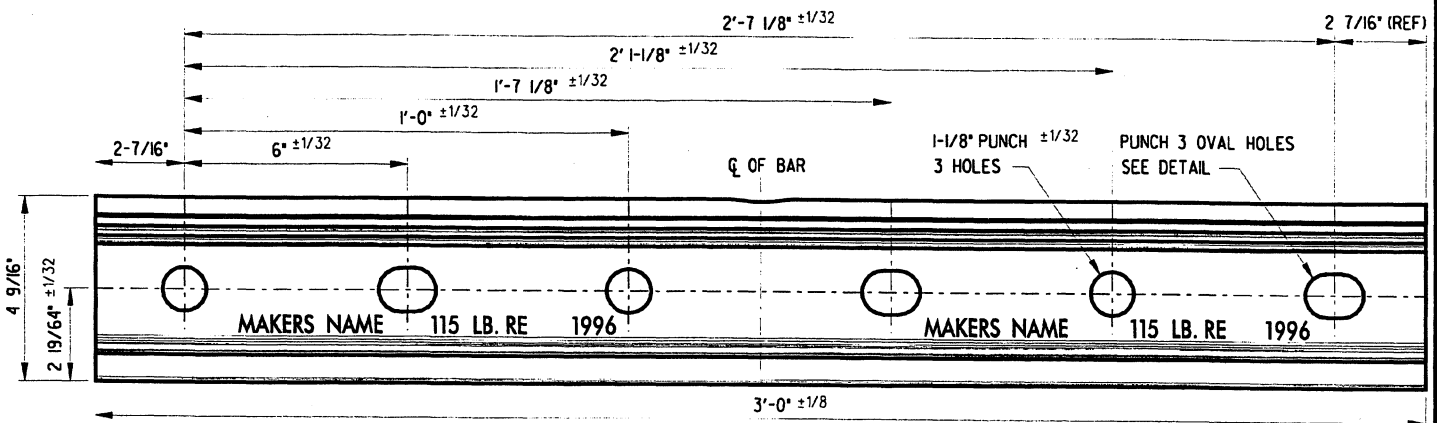
HEAD EASEMENT DETAIL



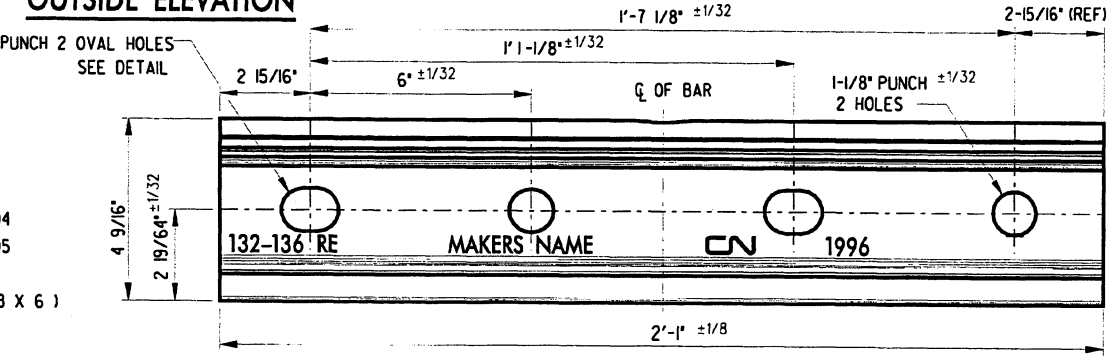
SECTION A-A



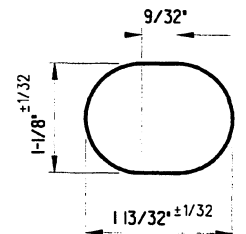
SECTION B-B



OUTSIDE ELEVATION



OUTSIDE ELEVATION



OVAL HOLE DETAIL

DIMENSIONS AT INSIDE FACE

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 C.N.R. SPECIFICATION S3W-5.2 FOR LINES IN CANADA OR S3W-14J FOR LINES IN UNITED STATES.

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

THIS DRAWING SUPERSEDES DRAWING DATED 30 APR.1973 REVISED FEB.'84

No.	Date	Revision	
Standard / Norme		HEAD FREE RAIL SPLICE BAR FOR 115 LB. R.E. RAILS	
Drawn Dessin	MG	Checked Verification	GGS Approved Approval
Office of Chief Engineer Bureau de l'ingénieur en Chef		 	
Date	JUL.'96	Plan Number Dessin numéro	TS - 1202

DISPONIBLE EN FRANÇAIS

FOR ADDITIONAL INFORMATION E-MAIL "TRACKSTD"