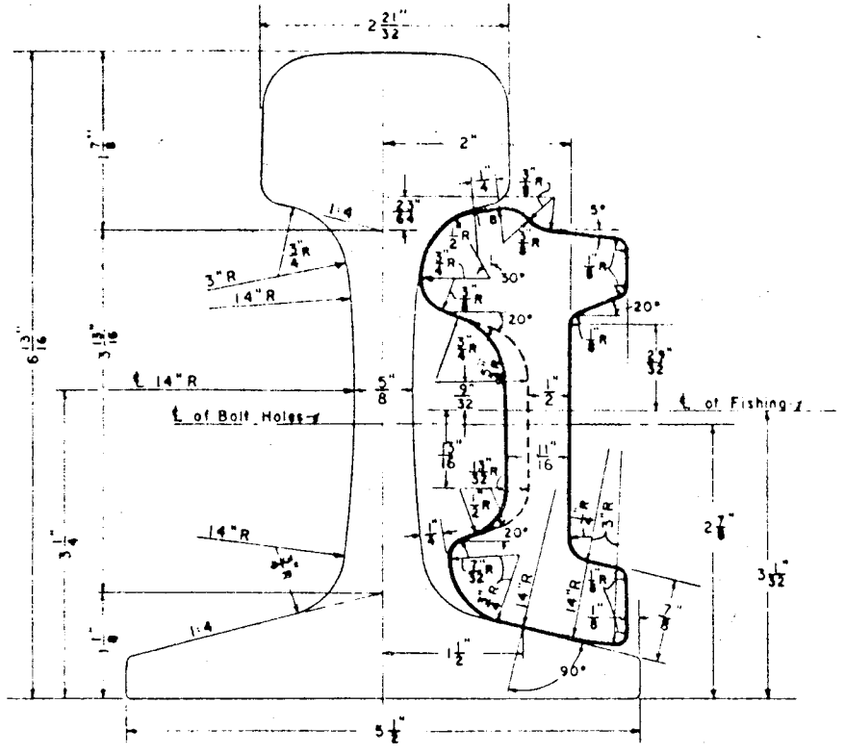
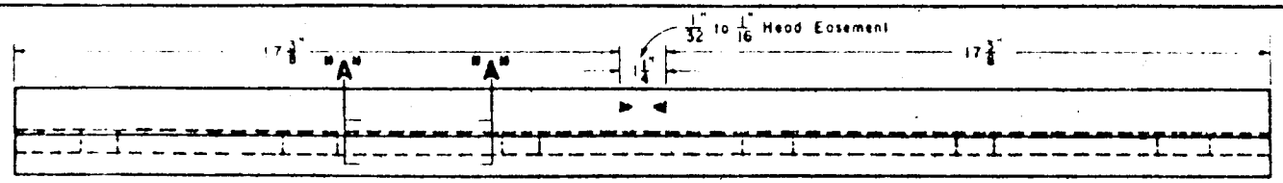
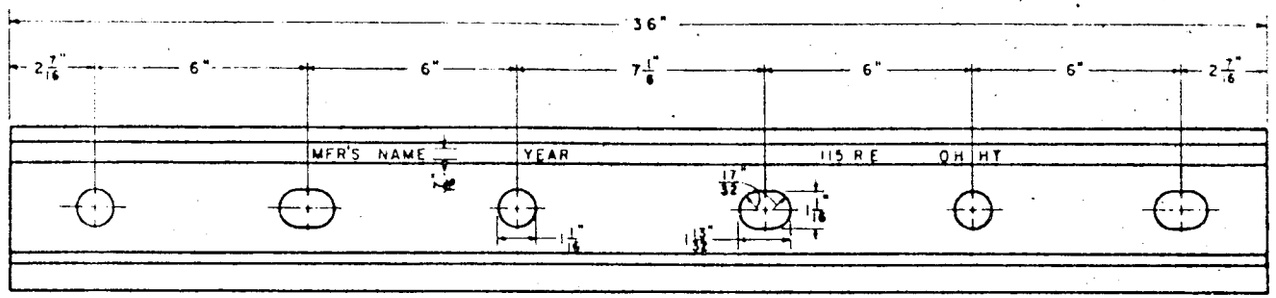


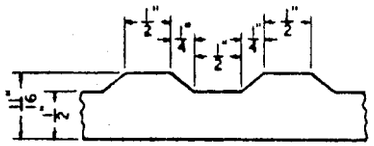
SECTION



PLAN



ELEVATION



"A" - "A"
SECTION OF WEB

MATHEMATICAL ATTRIBUTES
TWO BARS

Moment of Inertia		23.00
Section Modulus above Neutral Axis		10.50
Section Modulus below Neutral Axis		9.60
Calculated Weight of 2 Bars		107.30 Lbs.
Area of 1 Bar	Max.	5.45 Sq.In.
	Min.	5.07 Sq.In.
	Avg.	5.26 Sq.In.

The design and patent rights of this joint bar are the property of the Rail Joint Company.

Joint Bars shall be in accordance with the current A.R.E.A specifications for Quenched Carbon Steel Joint Bars.

71146-A

PENN CENTRAL
STANDARD
JOINT BAR
FOR USE WITH
119-C.F.&I. RAIL
MARCH 1968

Chief Engineer - Maintenance of Way

Ass't Vice President - Engineering