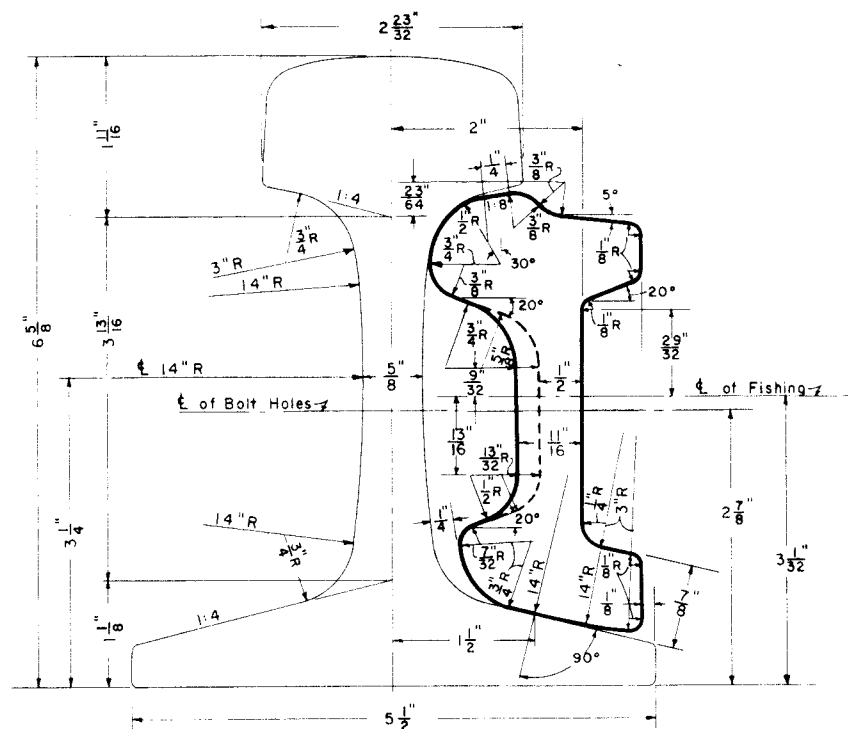
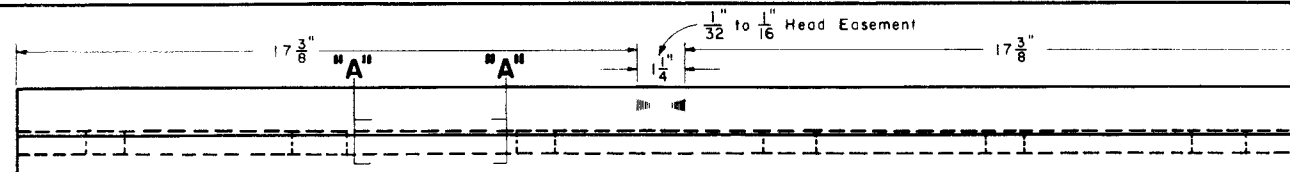
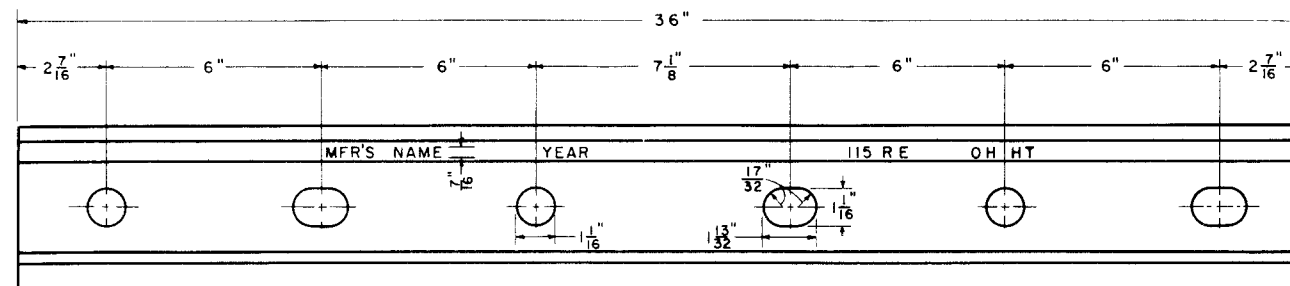




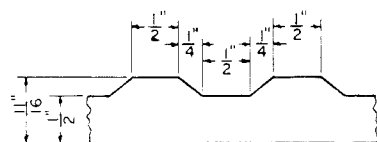
SECTION



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.

Note:-

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



71145-A

THE PENNSYLVANIA RAILROAD
STANDARD

115 RE JOINT BAR

OFFICE OF CHIEF ENGINEER, PHILA., PA.

AUGUST, 1965

E. J. Henry
Chief Engineer