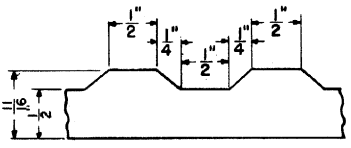
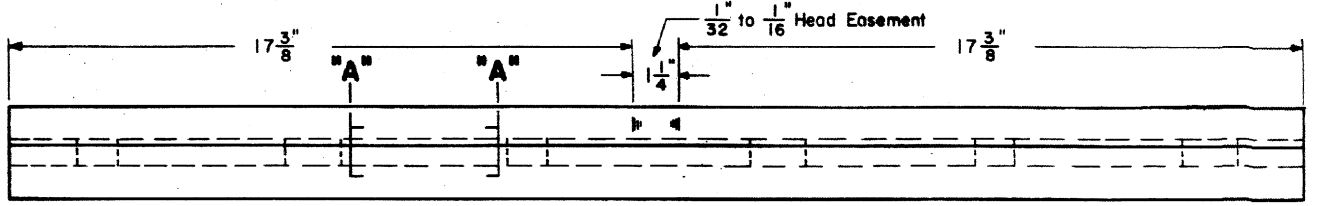


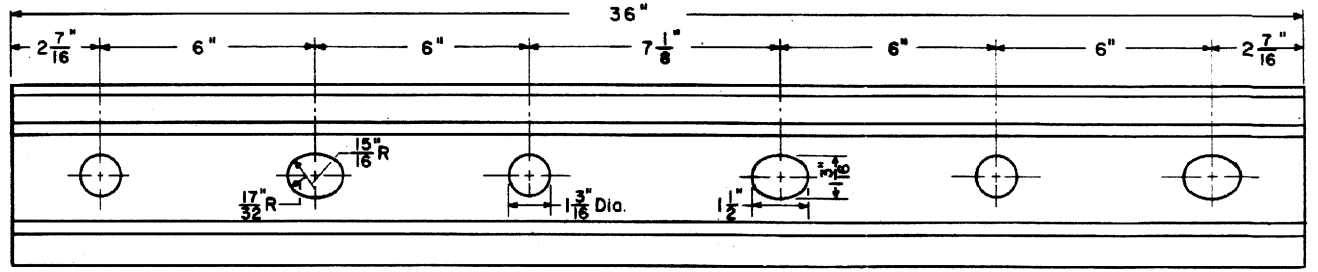
SECTION



**"A-A"
SECTION OF WEB**



PLAN



ELEVATION

MATHEMATICAL ATTRIBUTES


TWO BARS

Moment of Inertia-----	31.8
Section Modulus above Neutral Axis-----	13.2
Section Modulus below Neutral Axis-----	12.0
Calculated Weight of 2 Bars-----	117.71 Lbs.
Area of 1 Bar-----	Max.----- 6.01 Sq.in.
	Min.----- 5.53 Sq.in.
	Avg.----- 5.77 Sq.in.

The design and patent rights of this joint bar are the property of Portec Inc. Railway Products Division. Templet 132 T42.

Joint Bars shall be in accordance with the current Conrail MW 183 Specifications.

1/8" Elliptical Neck Bolts to be used with this bar.

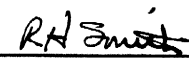


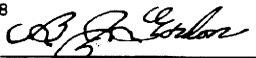
CONRAIL 71147-B

STANDARD

132 R.E. JOINT BAR

JANUARY, 1978


 Chief Engineer-Maintenance of Way


 Chief Engineering Officer