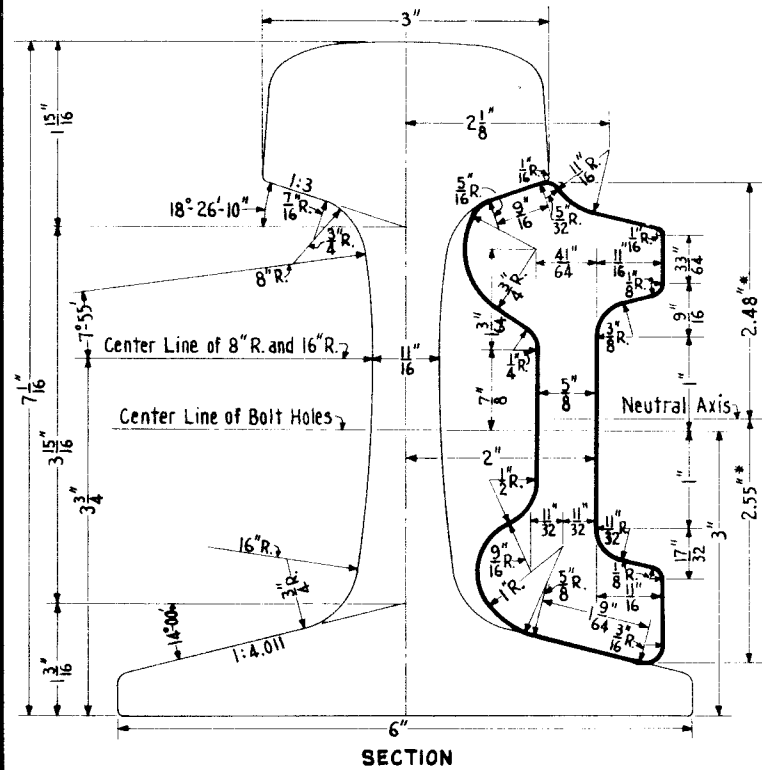
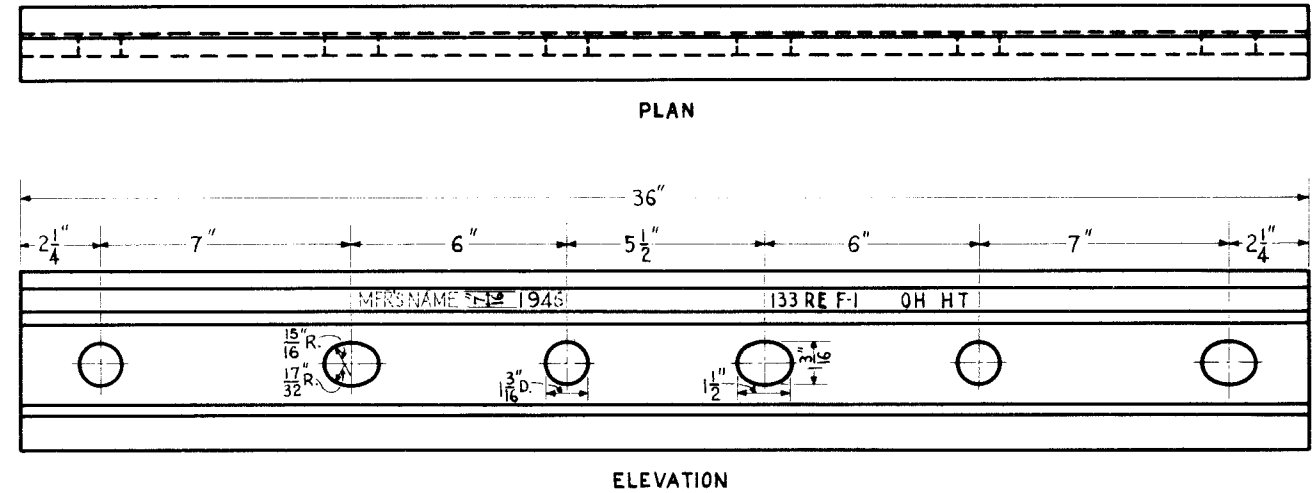




* The second decimal place of this dimension may be in error to the extent of ± 0.02 " due to limitations of the integrator.



NOTE:-
Joint Bars must conform to The Pennsylvania Railroad Company's current Specifications

MATHEMATICAL ATTRIBUTES

TWO BARS	
Moment of Inertia	28.6
Section Modulus above N.A.	11.5
" " below N.A.	11.2
Weight per inch of 2 Bars	3.2 lb.
Area	11.4 sq.in.
Calculated Weight of 2 Bars	114 lb.

71158-A



THE PENNSYLVANIA RAILROAD
STANDARD

133 R.E. F-1 JOINT BAR

OFFICE OF CHIEF ENGINEER, PHILA., PA., JULY, 1946

Approved
J. H. ...
Chief Engineer