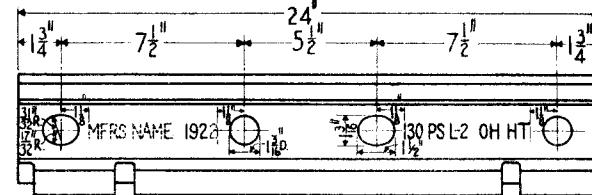
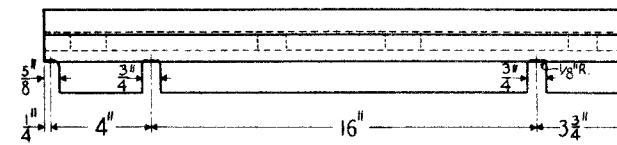


DRILLING FOR 130 LBS. P. S. RAILS



ELEVATION



PLAN

NOTE:

All material must conform to Pennsylvania System
Specifications for Quenched Carbon and Alloy Steel Joint
Bars.

Branding must be placed in the position and kept
within the limits prescribed on this plan.

MATHEMATICAL PROPERTIES
TWO BARS

Moment of Inertia	33.06
Section Modulus above N. A.	13.12
" " below N. A.	13.15
Weight per inch of 2 Bars (lbs.)	3.88
Joint Stiffness	45.4%
Area	13.68 sq. in.
Estimated Weight of 2 Bars (lbs.)	89 1/4

