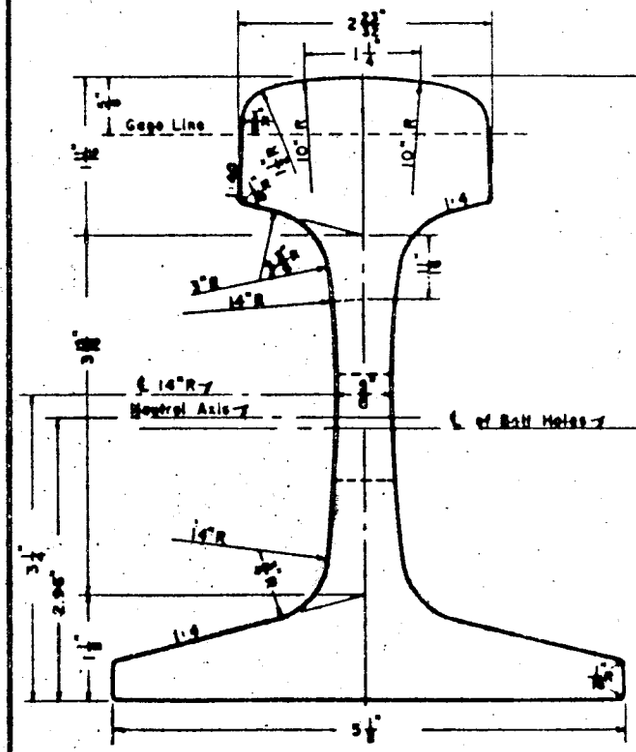
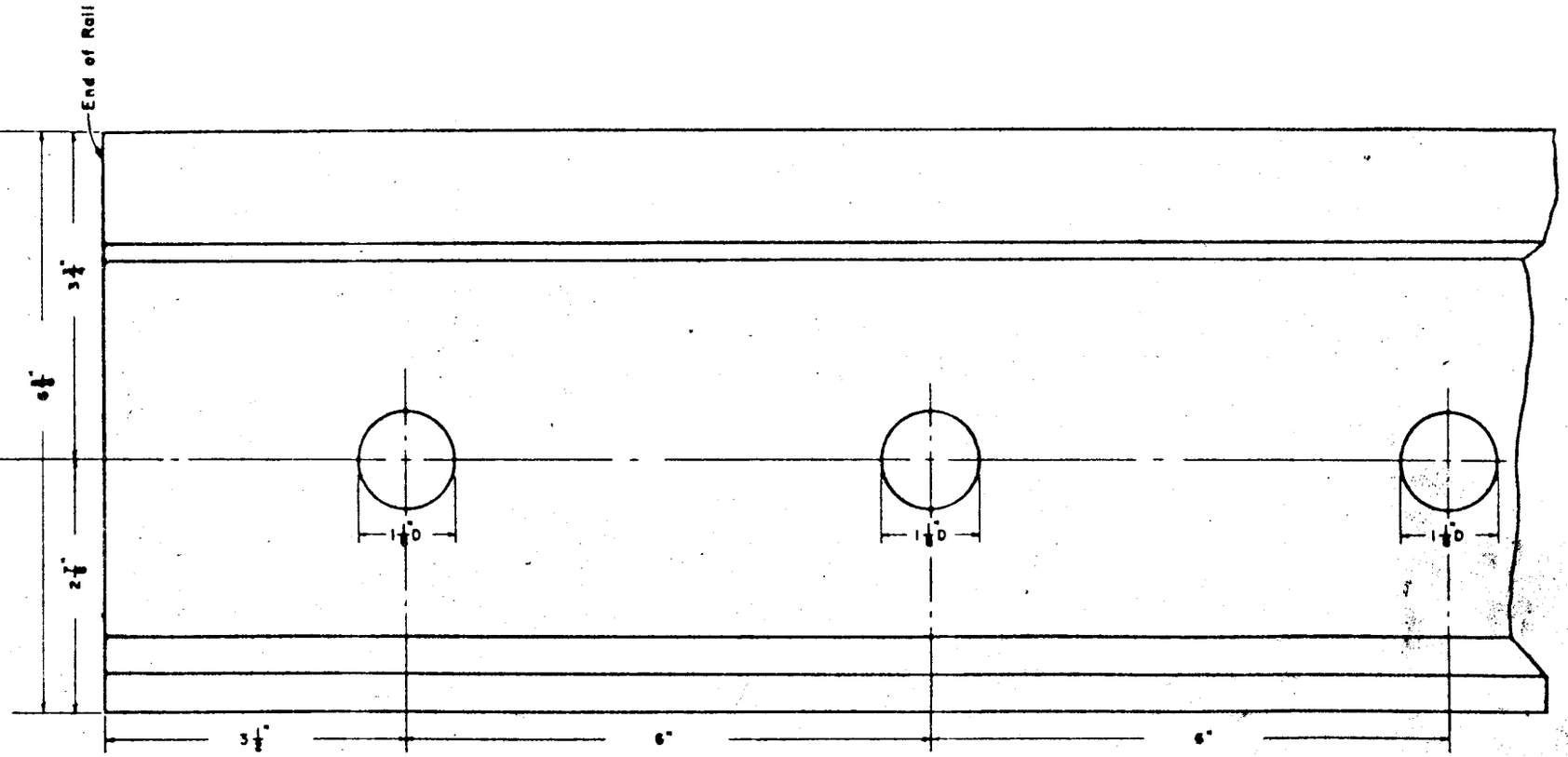


SECTION



DRILLING

MATHEMATICAL ATTRIBUTES

Area	Sq. Inches	Per Cent
Head	3.91	34.8
Web	3.05	27.1
Base	4.29	38.1
Total	11.25	100.0

Moment of Inertia 65.6
Sec. Modulus of Head 18.0
" " " Base 22.0
Ratio M.I. to Area 5.83
" Sec. Modulus Head to Area .. 1.60
" Height to Base 1.20
Weight, Lb. per Yard 114.7

Gross Tons per Mile of Track 180.24
Net Tons per Mile of Track 201.97
Track Miles per 1000 Gross Tons 5.55
Track Miles per 1000 Net Tons 4.95

Note:
Rail must conform to requirements of current A.R.E.A. specifications for open hearth steel rails.

71007-A

THE PENNSYLVANIA RAILROAD
STANDARD

115 LB. R.E. RAIL

DRILLED 3½"-6"-6"

OFFICE OF CHIEF ENGINEER, PHILA., PA. AUGUST, 1955