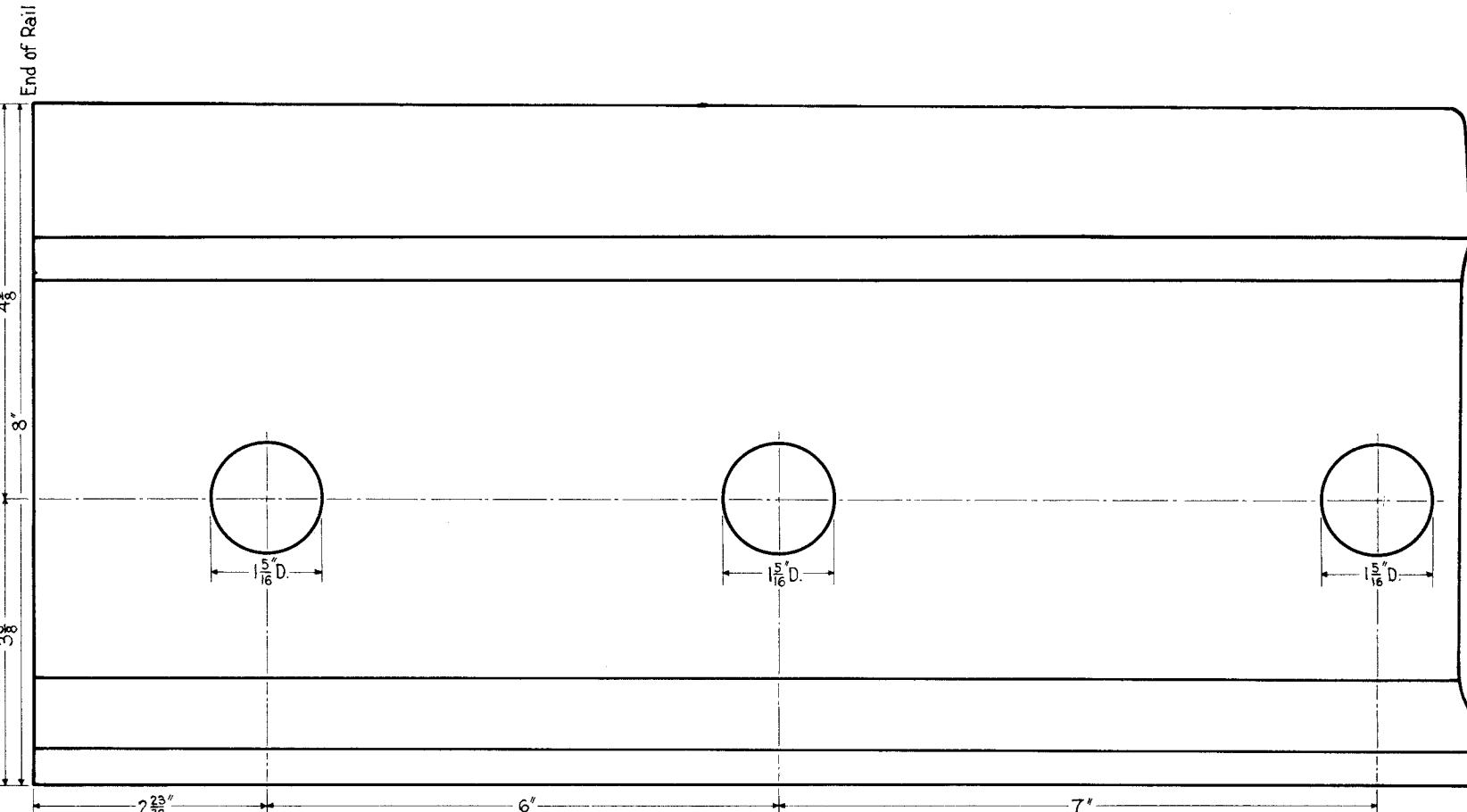


* The second decimal place of this dimension may be in error to the extent of $\pm .02$ " due to limitations of the integrator.



NOTE:-
Rail must conform to The Pennsylvania Railroad Company's current Specifications.

71006-A



THE PENNSYLVANIA RAILROAD
STANDARD
155 LBS.P.S. RAILS

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

Approved
John Schmitt
Chief Engineer

MATHEMATICAL ATTRIBUTES

Area	Square Inches	Per Cent
Head	5.1	33.6
Web	4.3	28.5
Base	5.8	37.9
Total	15.2	100.0

Moment of Inertia	129.0
Sec. Mod. of Head	28.7
Sec. Mod. of Base	36.7
Ratio M. I. to Area	8.5
" Sec. Mod. to Area	1.9
" Height to Base	1.19
" Base to Height	0.84
Calculated Weight per Yard	155.5 lb.
Gross Tons per Mile of Track	244.4
Track Miles per 1000 Gross Tons	4.08

RH-B
1115