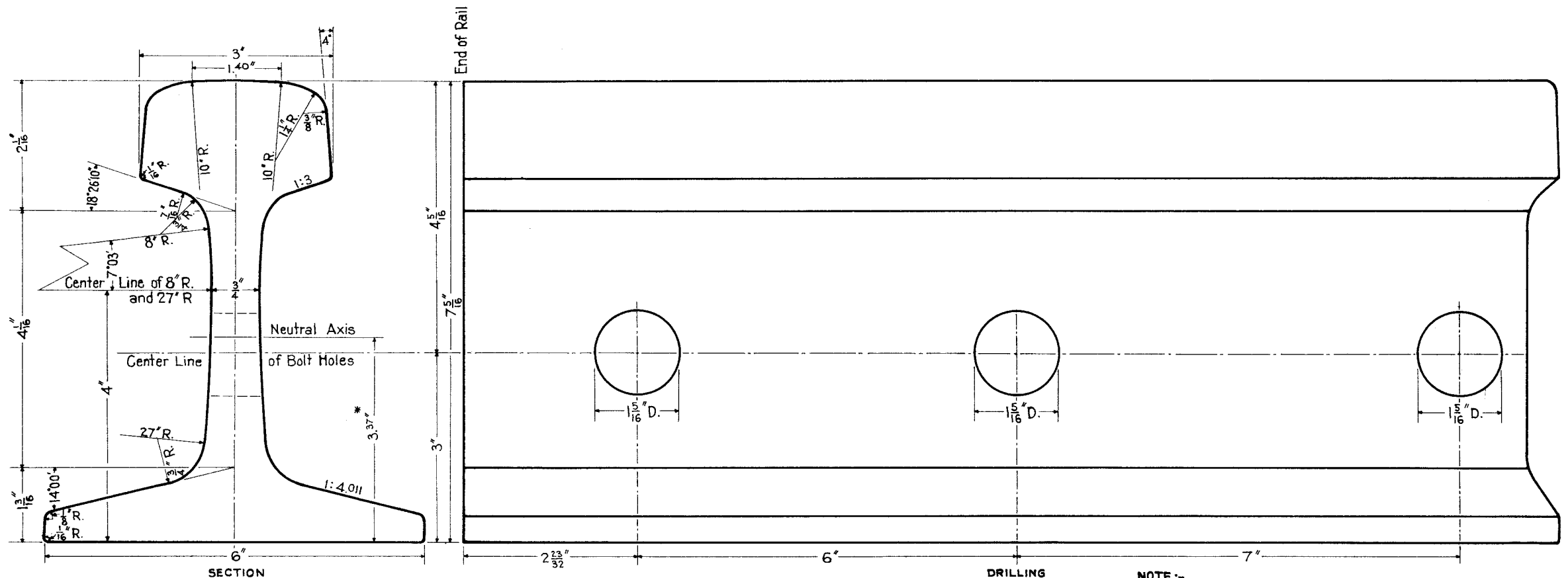




* The second decimal place of this dimension may be in error to the extent of $\pm .02$ due to limitations of the integrator.

MATHEMATICAL ATTRIBUTES

Area	Square Inches	Per Cent
Head	5.0	36.7
Web	3.9	28.0
Base	4.9	35.3
Total	13.8	100.0
Moment of Inertia	96.8	
Sec. Mod. of Head	24.6	
Sec. Mod. of Base	28.7	
Ratio M. I. to Area	7.0	
* Sec. Mod. to Area	1.8	
* Height to Base	1.22	
* Base to Height	0.82	
Calculated Weight per Yard	140.6 lb.	
Gross Tons per Mile of Track	220.9	
Track Miles per 1000 Gross Tons	4.53	

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

71010-A



THE PENNSYLVANIA RAILROAD
STANDARD
140 LBS. R.S. RAILS

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

~~SUPERSEDED~~

Approved
J. W. Schmitt
Chief Engineer