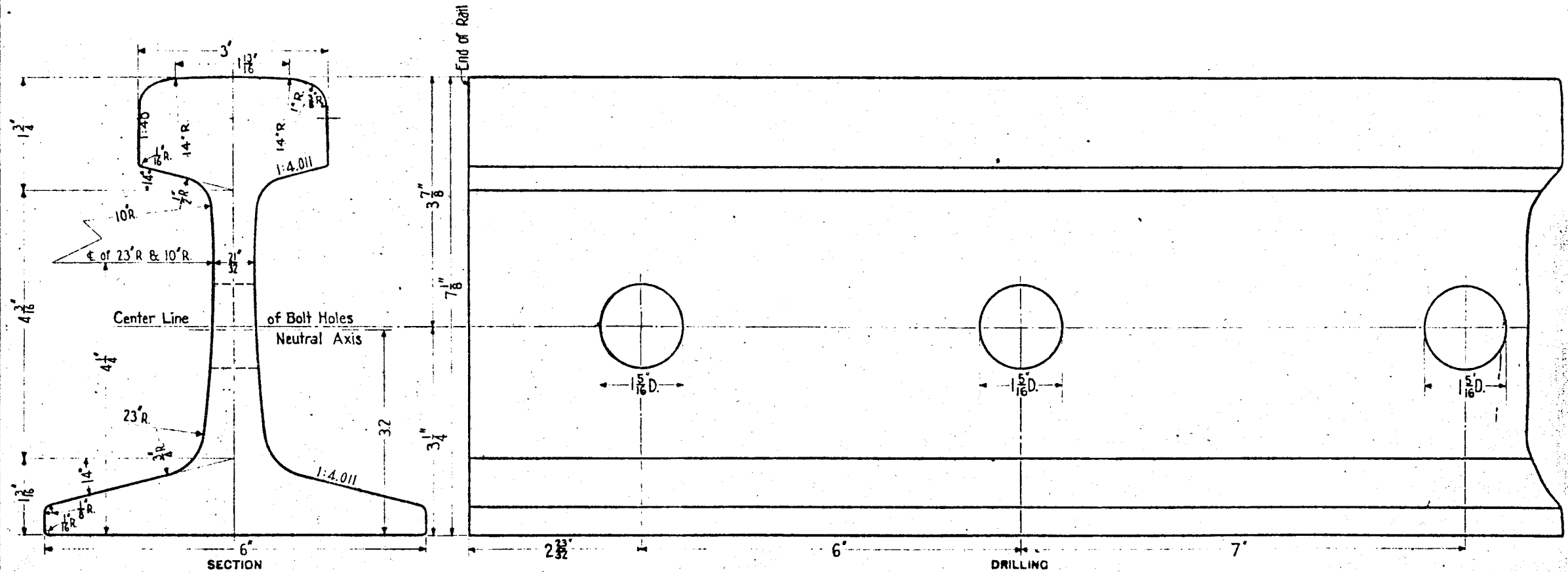




MATHEMATICAL ATTRIBUTES

	Square Inches	Per Cent
Area	4.49	35.0
Head	3.46	27.0
Web	4.97	38.0
Base	12.62	100.0
Moment of Inertia	22.6	
Sec. Mod. of Head	27.6	
Sec. Mod. of Base	6.3	
Ratio M. I. to Area	1.8	
" Sec. Mod. to Area	1.19	
" Height to Base	0.84	
" Base to Height	130.9 lbs.	
Weight per yard		

NOTE:-
Rail must conform to The Pennsylvania Railroad Company's current Specifications. The dimensions and mathematical attributes shown, are identical with A.R.E.A. Standard 131 lbs. Rail Section adopted March 1936.

71003-6



THE PENNSYLVANIA RAILROAD
STANDARD

131 LBS. R.E.-M. RAILS
DRILLED 2 3/32-6-7

OFFICE OF CHIEF ENGINEER, PHILA., PA., DECEMBER, 1939

Chief Engineer
E. C. Downing
Engineer of Standards

Chief Engineer
H. J. ...