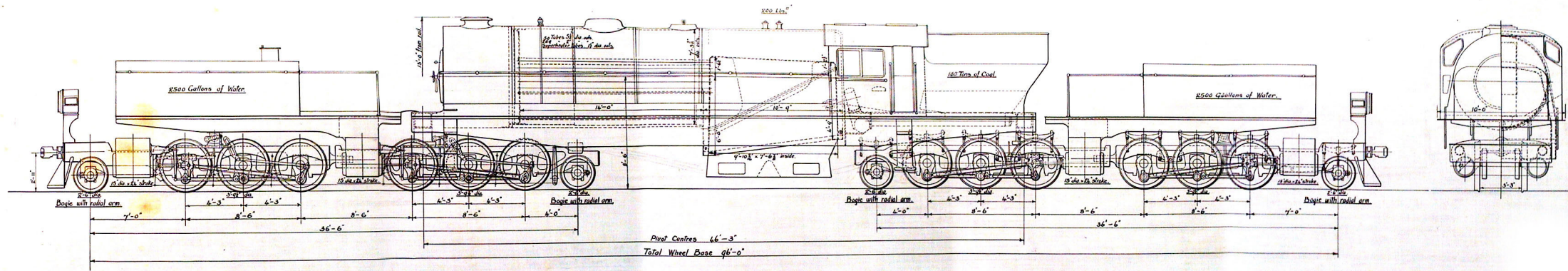


PROPOSED "SUPER-GARRATT" LOCOMOTIVE.

SOUTH AFRICAN RAILWAYS.

BEYER, PEACOCK & CO L^{TD} PATENT N^o 230888.



Weight on rails when full and in working order about -	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	
	13	13	13	13	13	13	13	12	12	13	13	13	13	13	13	13	13	13	13	206

Gauge of rails 3'-6"
 Heating Surface. Tubes 3083 sq. ft.
 Firebox 360 (including 2 "Nicholson" syphons and 2 arch tubes)
 Superheater 780 (inside)
 Total 4223
 Grate area 75 sq. ft.
 Tractive Power 474.7 lbs. per 1 lb. M.E.P. in the cylinders.
 Tractive Force at 75% boiler pressure - 71,200 lbs. Ratio $\frac{A.P.}{T.P.} = 4.9$ (Tank's full)
 Total Water Capacity 5000 Gallons.