

Lat. 21.1.92

# I STEEL BOILER for each Engine 80

Working pressure 110 lbs. Test 320 lbs per square inch. D.S. Lloyd's & German Survey.  
All plates, furnaces & rivets of steel. Tubes, all stays, girders &c of wrought iron.  
All holes drilled in place where practicable.

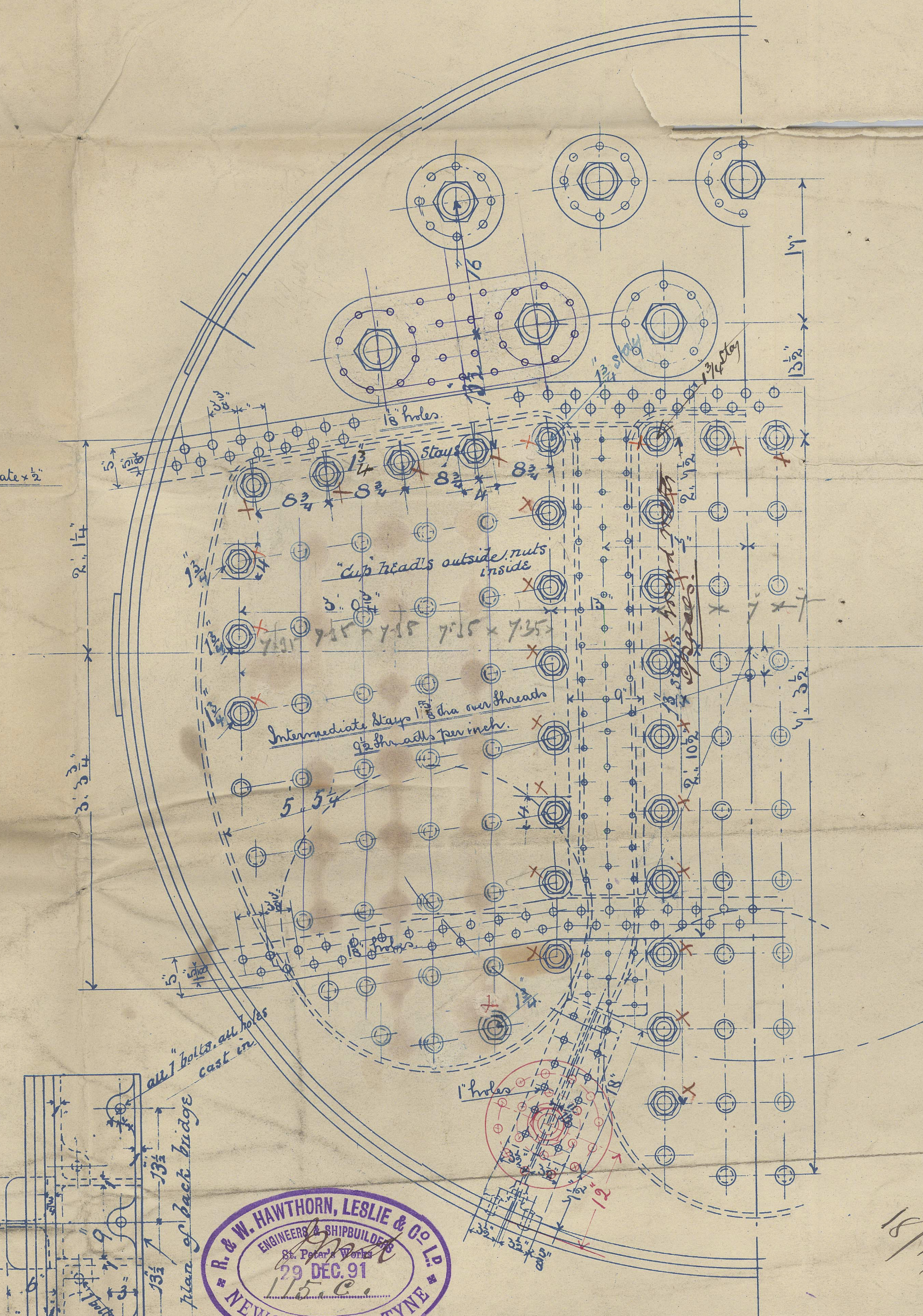
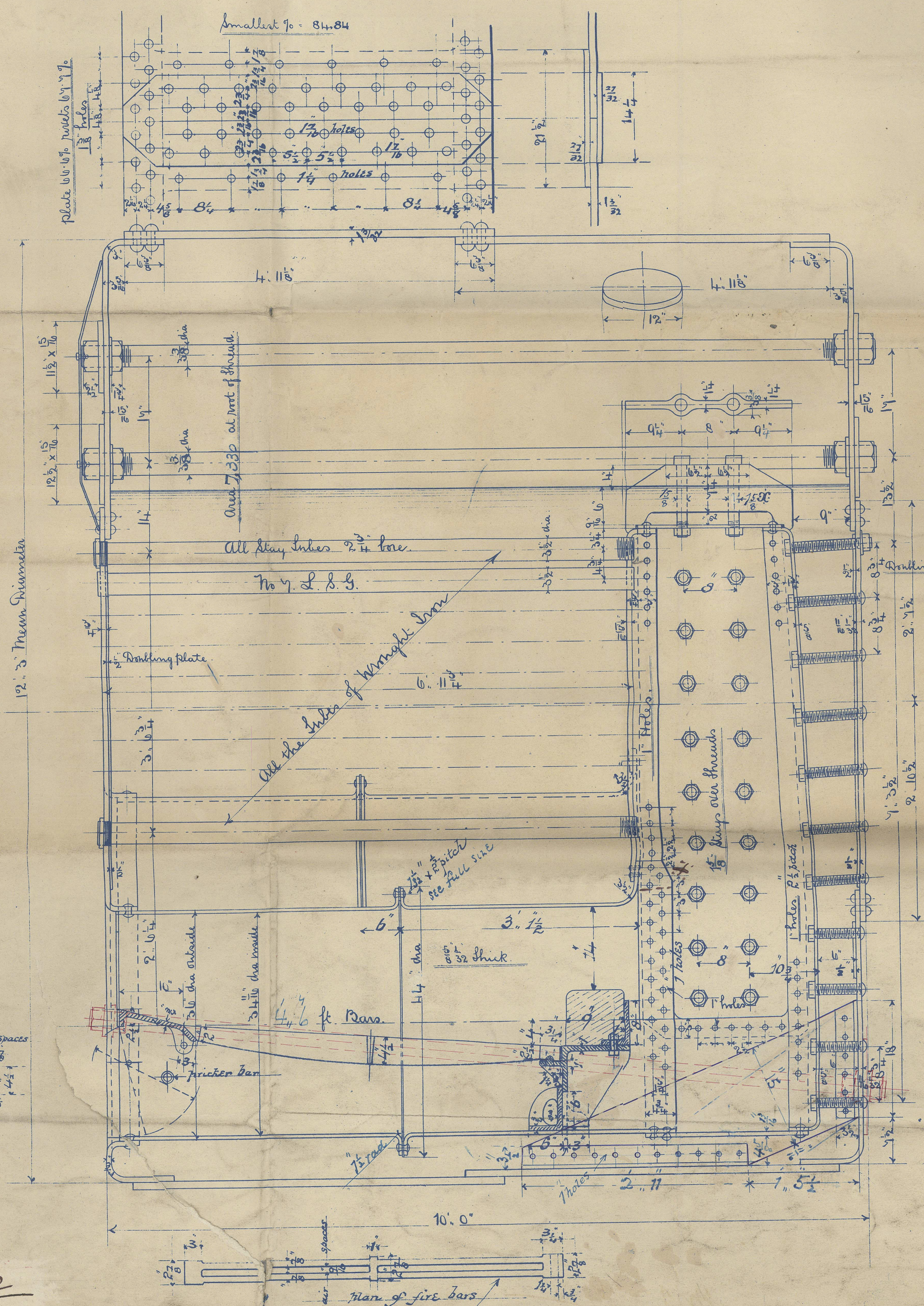
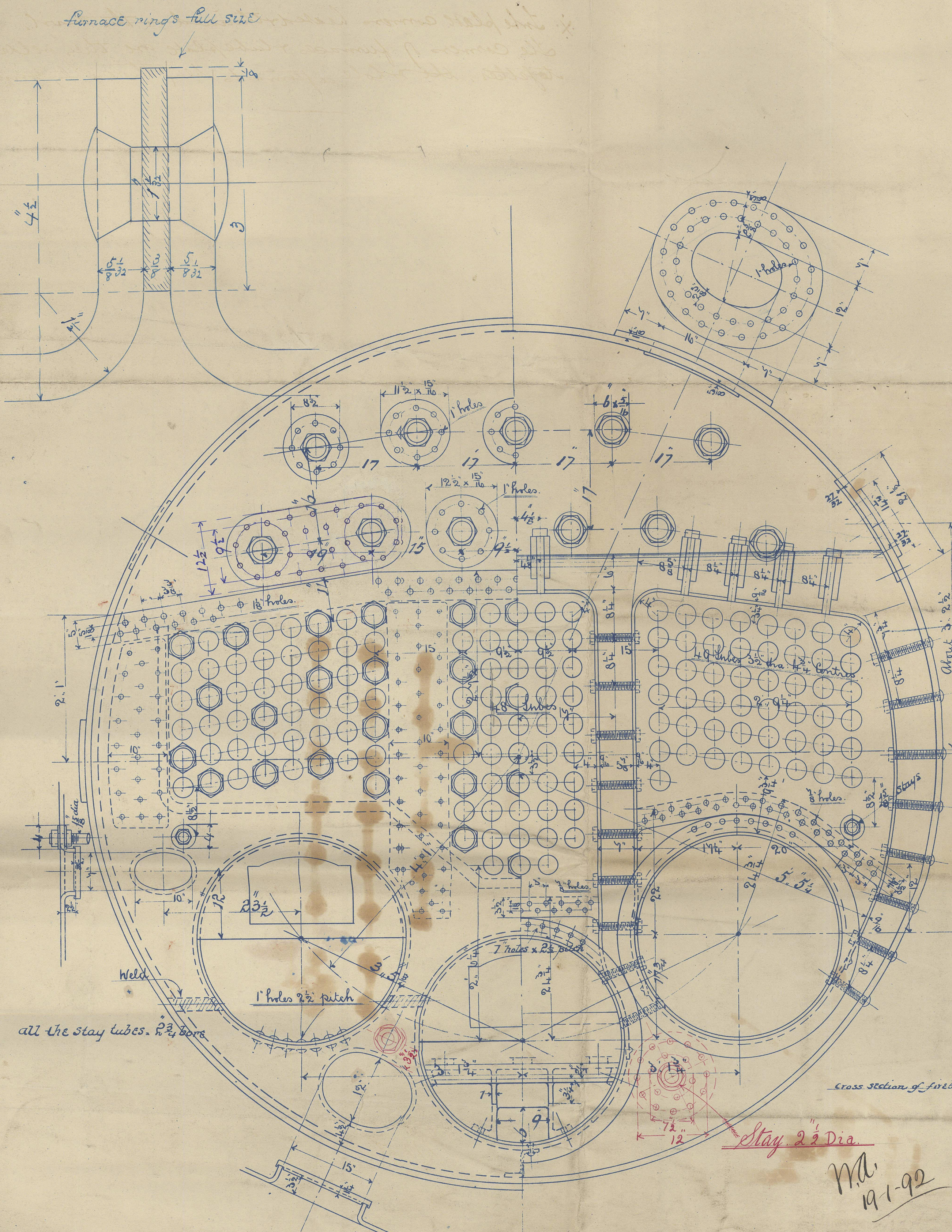
Scale 1" = 1 foot.

Like surface	= 934
Furnaces	= 94
Combustion chambers	= 158
Outer tube plate	= 30
	= 1216 square feet.

Fire bar surface	= 43 square feet
Water	= 104
Area thru tubes	= 6.5
Steam capacity	= 247 cubic

Dr Lloyd

4. Like plate corners bevelled & thinned on the inside.  
The corners of furnaces & tube plate are then welded together, the whole afterwards being thoroughly annealed.



DRAWING NO 7972

MA 19192  
Altered to Red. J.M.A. 26/1/92

R. & W. HAWTHORN, LESLIE & CO. LTD.  
ENGINEERS & BUILDERS  
19 DEC 91  
NEWCASTLE-ON-TYNE

ENGINE NO 2255-6