

# STEEL BOILERS

1 OFF RIGHT HAND  
1 OFF LEFT HAND

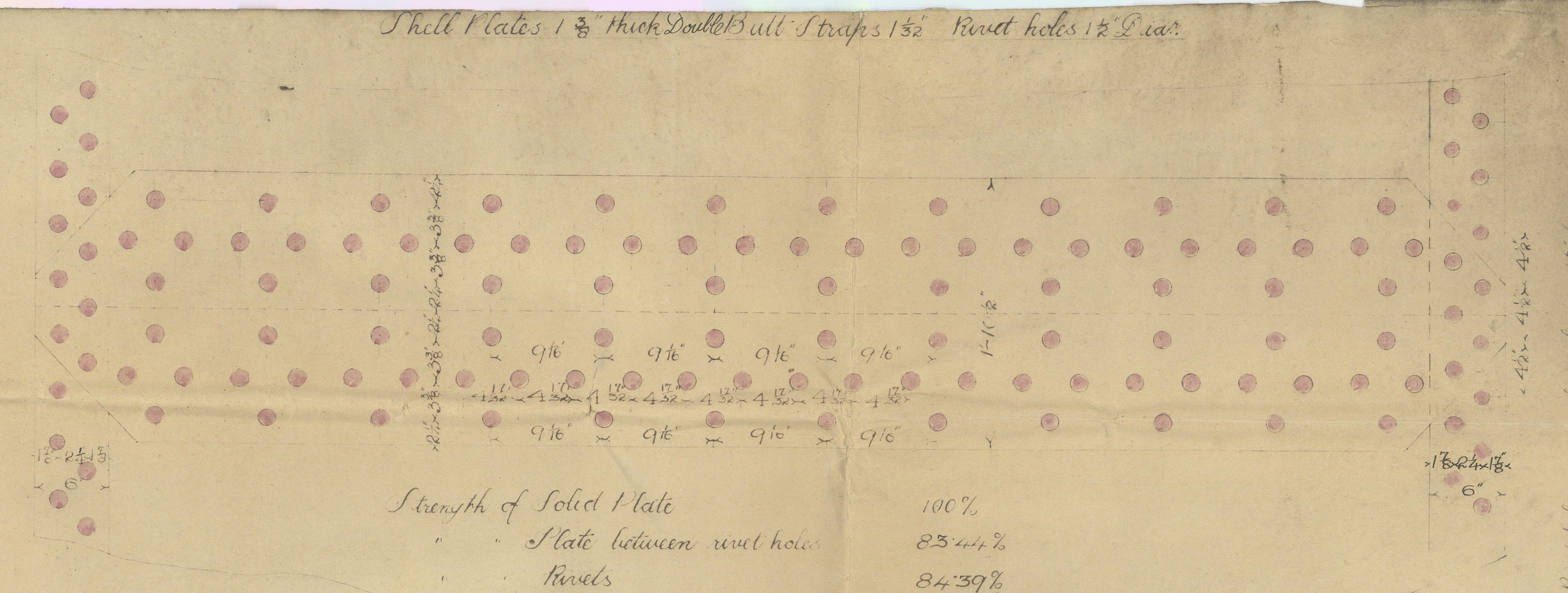
Working Pressure 180 lbs per sq inch  
Test Pressure 360 " " "

All material except screwed stays & tubes to be of  
Lumens Martin Steel. All holes in main shell to  
be drilled in place after bending. All seams in front  
& back plates to be double riveted  $\frac{1}{2}$  holes,  $3\frac{1}{2}$  Pitch 4" lap  
Combustion Chambers etc. Single riveted  $\frac{1}{2}$  holes, 2 Pitch 2" lap

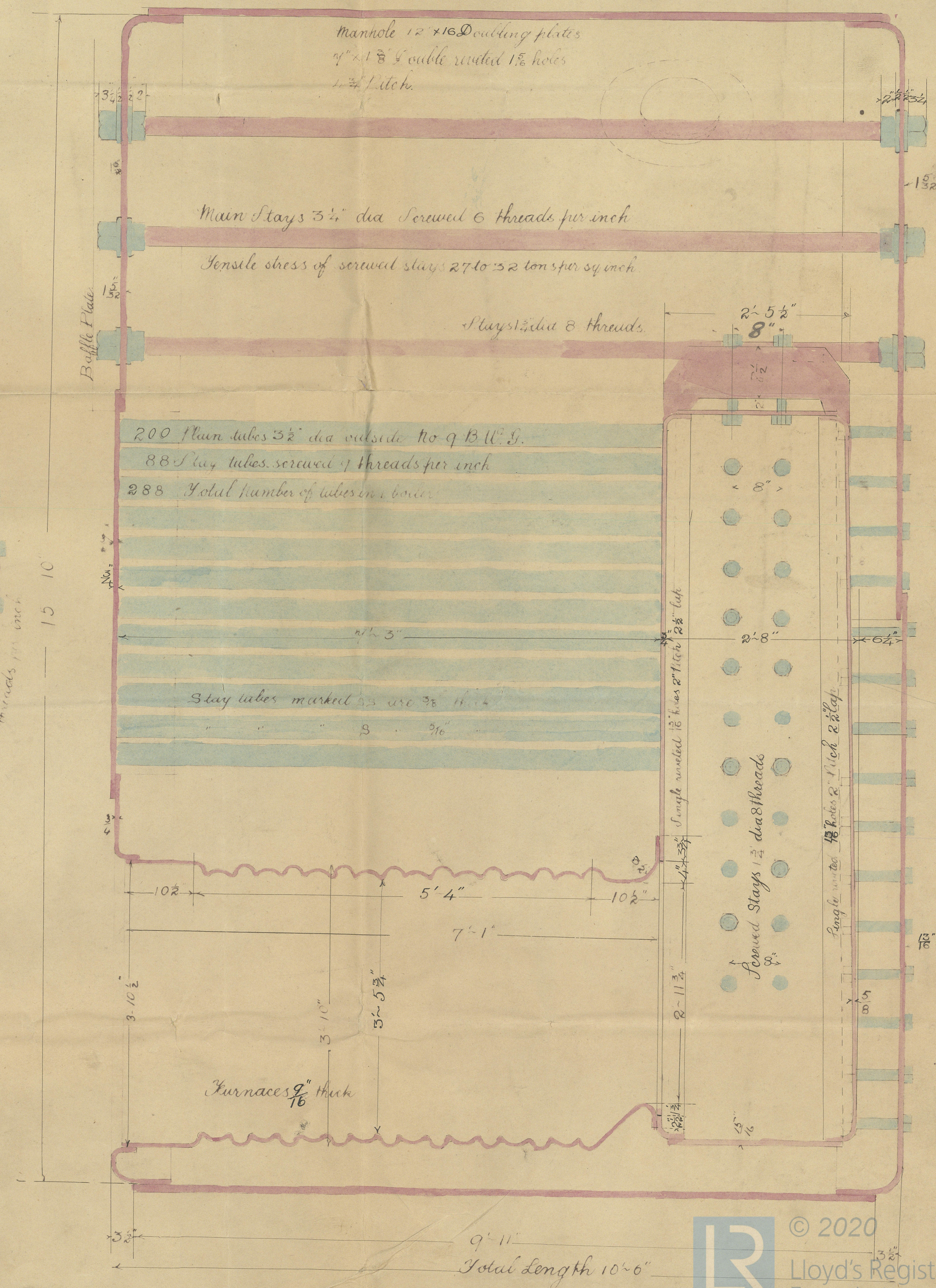
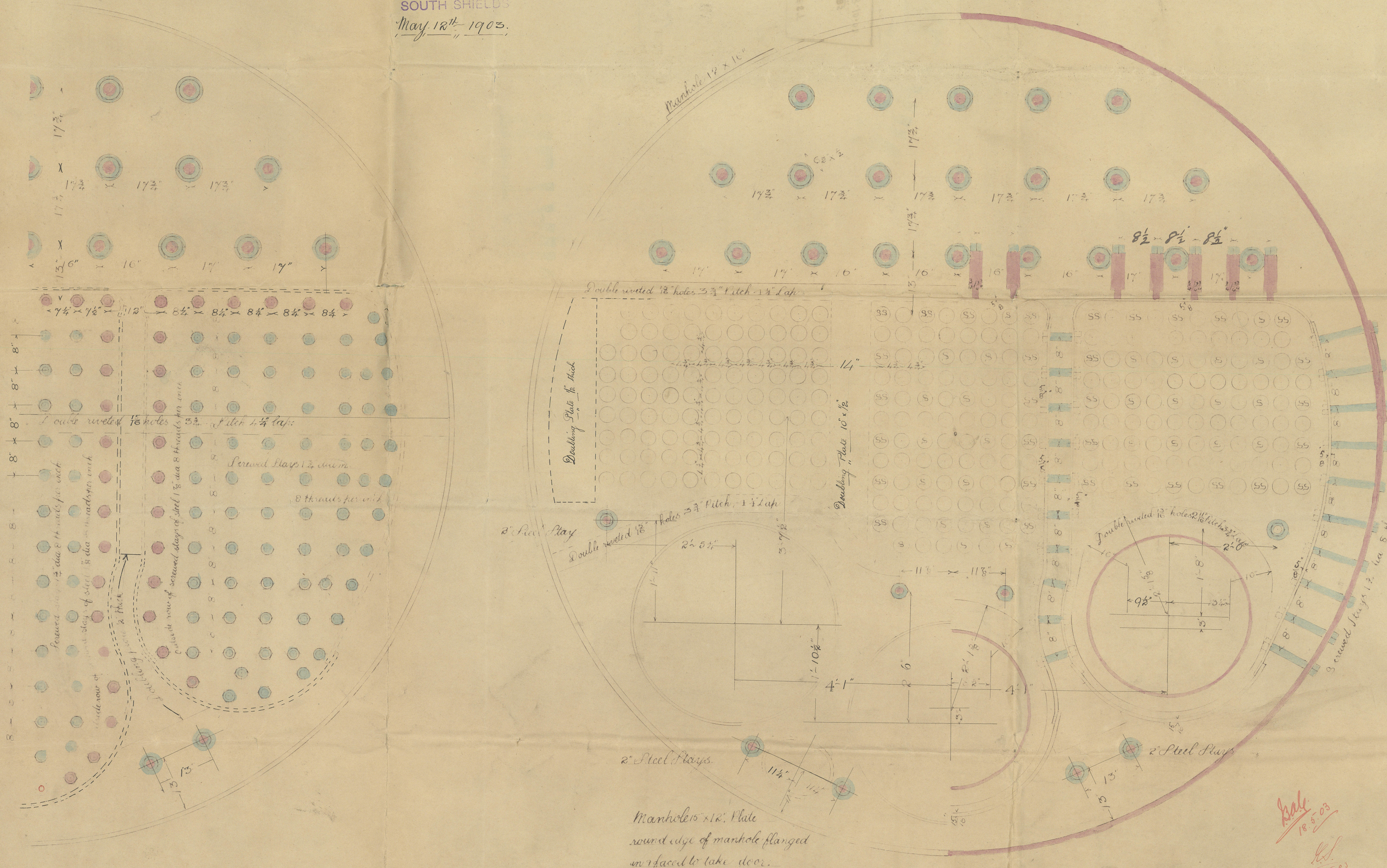
JOHN READHEAD & SONS  
Engineers, Boiler Makers,  
Iron & Steel, Shipbuilders,  
SOUTH SHIELDS  
May 12<sup>th</sup> 1903.

Heating surface on tubes	1912.26	Sq. feet
Combustion Chambers	212.0	"
Furnaces	159.4	"
Tube Plates	78.0	"
Total in one boiler	2361.66	"
2	4723.32	"

Shell holes in circumferential seams  $1\frac{1}{2}$  dia  
- 4" - 4" - 4" - 4"



Tensile Strength of Shell Plates 27 to 32 tons per sq inch.



ENGINE N° 1653 SHIP N° 373



J. READHEAD & SONS  
S. SHIELDS.

M. BOILERS No 1653

S/S No 273



*J. P. Lupton*

Newcastle Report

No 46349

LLOYD'S TEST

No 6678

360 LBS

G.A.D.T. 8.10.03

RETAIN

RETAIN



© 2020

Lloyd's Register  
Foundation