

Ref. 24:12:94

BOILER . CONTRACT N° 430.

Constructed to pass Lloyd's requirements.

3 off this Scale - 1 inch = 1 foot.
Messrs The Tyne Iron Shipbuilding Co. Ltd. SS 106.

Plan of Shell Riveting

Strength of joint.

Plate - 84% 705% Lloyd's.

Rivet - 89%.

Shell hydraulic riveted throughout.
All holes drilled in place after bending.
Shell Plates $1\frac{1}{2}$ " thick Butt Straps $\frac{15}{16}$ " thick
Rivet Holes $1\frac{1}{32}$ " dia by 8" pitch.
Circumferential Seams double riveted
Rivet Holes $1\frac{1}{32}$ " dia. by $3\frac{1}{2}$ " pitch.

Heating Surface -	Sq. ft.
300 Tubes	1724
3 Furnaces	141
Combustion Chambers	240
Tube Plates	88

Total 1 Boiler. 2193

do. 3 Boilers. 6549 Sq. ft.

Steam Space 1 Boiler - cubic feet.

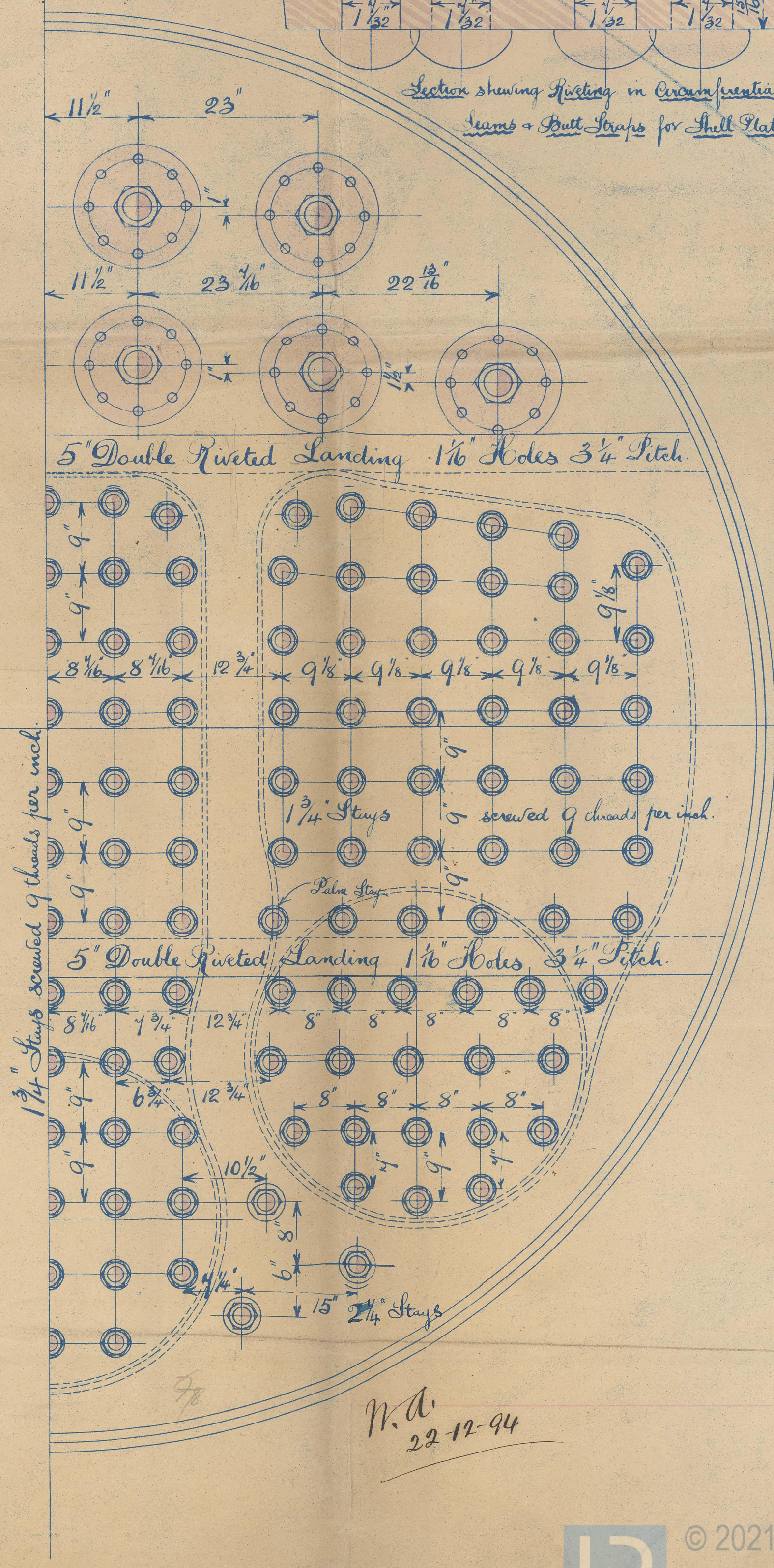
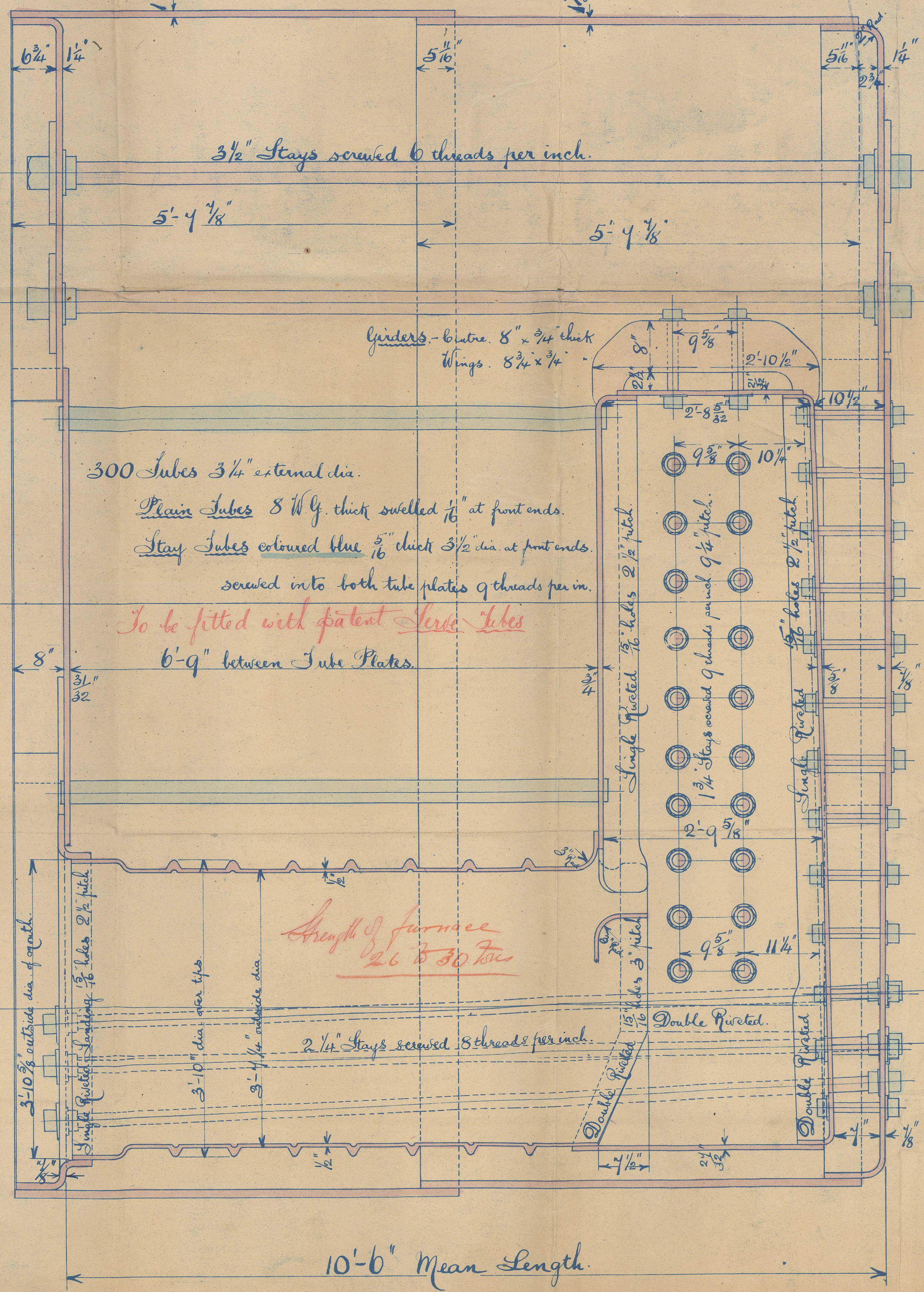
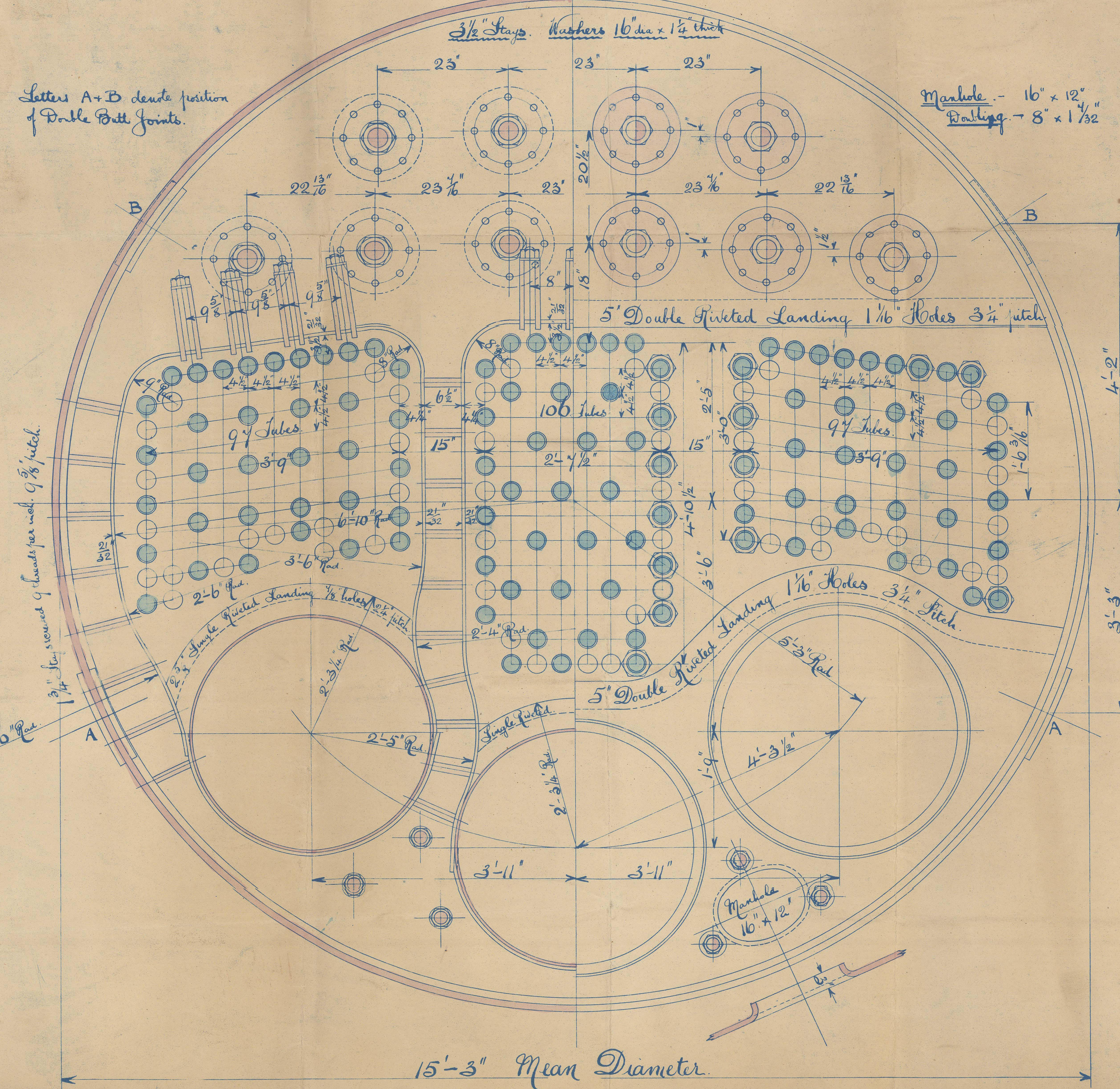
Working Pressure - 160 lbs per sq. inch.

Test do. 320

Materials -	
Plates.	Steel.
Rivets.	do.
Stays.	do.
Tubes.	Iron.

Manufactured by Messrs John Spencer & Son, Newbury.

THE WALLSEND
SLIPWAY & ENGINEERING CO. LTD.
NEWCASTLE-UPON-TYNE.
No 287 DATE Dec 19-94

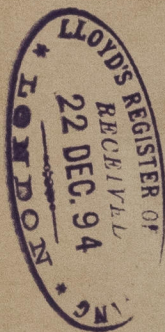


N.A.
22-12-94

NWC843-0052 2/2
THE WALLSEND SLIPWAY AND ENGINEERING CO. LD.

Enclosure to

Messrs The Lloyd's Surveyors
Liverpool Office



Copy from 10/10/1904
Holland Slipway
10/4/30

N^o 4550
2 Lloyd's list
320 St.
FWP
29.3.95

S.S. "Quintile"
New Report No 32241
10/4/30

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Lloyd's Register
Foundation