

# STEEL BOILERS

To Lloyds Requirements for Working Pressure of 180 lbs  $\square$

All plates rivets Stays & Girders of Steel Tubes of Wrought Iron

Scale 1" = 1 Foot

T. H.



Heating Surface in  
2 Boilers = 5000  $\square$

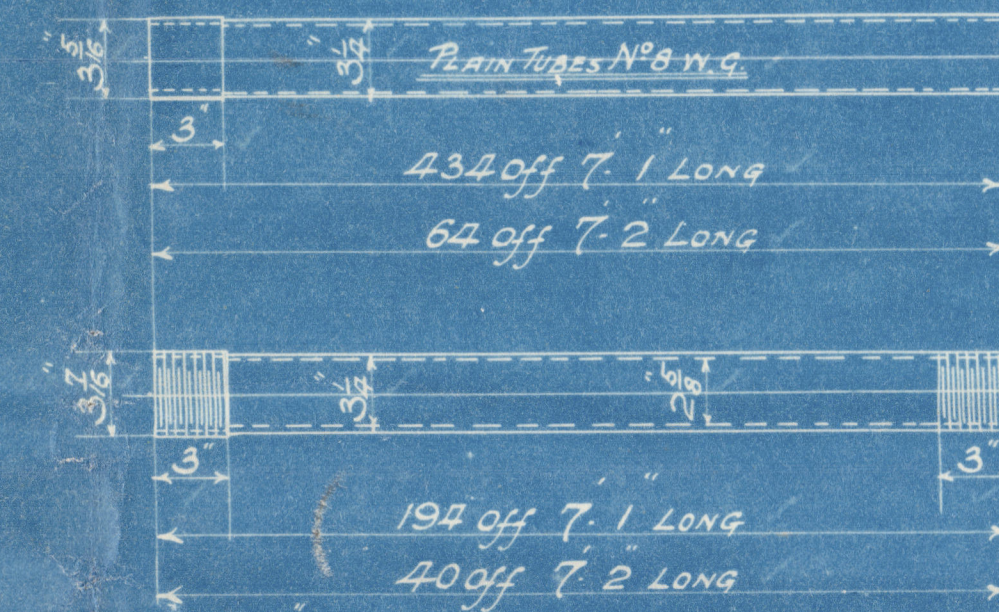
ENGINE NO.  
**594** 2 OFF

Intended for Messrs J. L. Thompson & Sons Ltd S.S. No 416

REMARKS DATE

Nov 27 1903

STAYS	Pressure	Extr. Dia	Endless
1 1/2"	9	1.60	72.03
1 3/8"	9	1.73	2.35
2"	9	1.85	2.69
2 1/2"	6	2.26	2.13
2 3/8"	6	2.41	2.55
2 1/2"	6	2.66	3.37



Stay Tubes 5/8" Thick Screwed 10 Threads per inch Eff. Area 2.255  $\square$

Longitudinal Seams Filled with Double Butt Straps

Straps 1/8" Thick Rivet Holes 1/8" Dia Scale 1/2" = 1 Foot

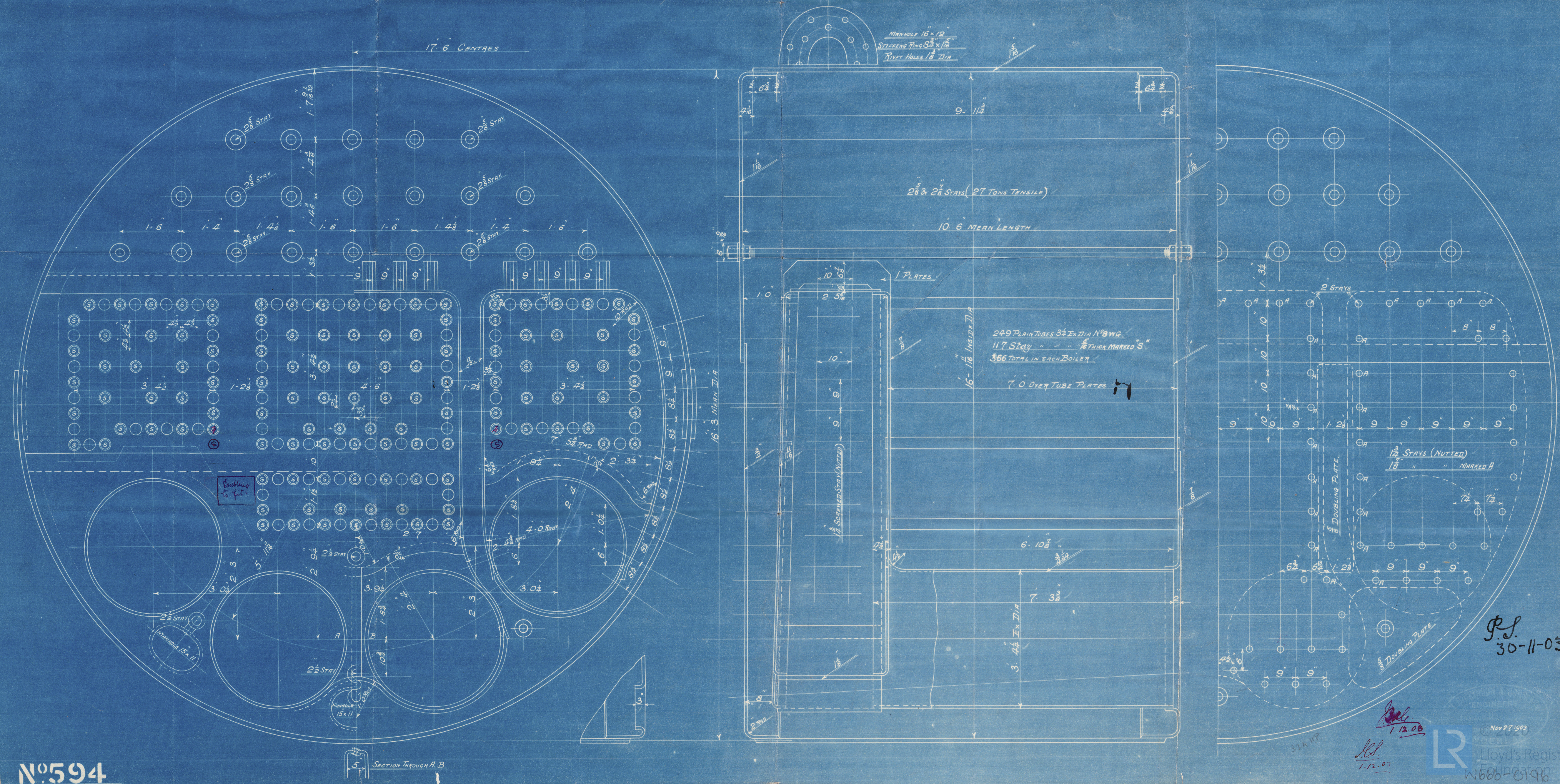
Tensile Strength of Shell Plates and Butt Straps 28 to 32 Tons per  $\square$

Rivetting

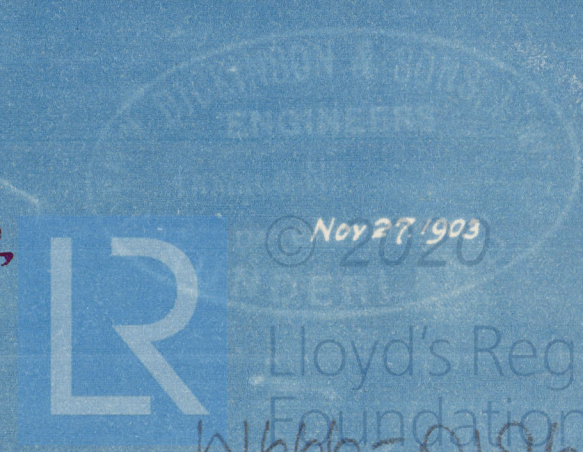
Front & Back Seams Double rivetted 1/16" Rivet Holes 5/8" Pitch 5/8" Lap

Com Chr Bott Long Seams " 1/16" " 2 1/2" " 4" "

Com Chr & Furnaces " Single " 1/16" " 2 1/2" " 2 1/2" "



P.S.  
30-11-03



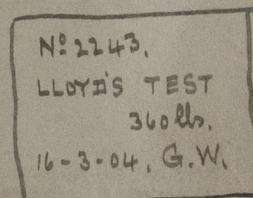
No 594



Messrs J. Dickinson & Sons  
Contract No. 594

Boilers for  
Messrs J. L. Thompson & Sons  
S. S. No. 416

W. P. = 180 lbs.



S/S "Burnholme"  
Sld. F. S. No. 21770



RETAIN



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Lloyd's Register  
Foundation