

31: 1: 06

Heating surface	sq
Tubes.	1404.
Furnaces.	107.
Chambers.	216.
Front tube plate.	20.
Total for one boiler	1757 sq

Longitudinal seam $\frac{1}{8}$ rivets, $\frac{1}{16}$ holes, 8 pitch
Circular $\frac{1}{8}$ $\frac{1}{16}$ $\frac{3}{16}$
Outer butt strap $\frac{1}{8}$ thick. Inner butt strap $\frac{1}{16}$ thick.

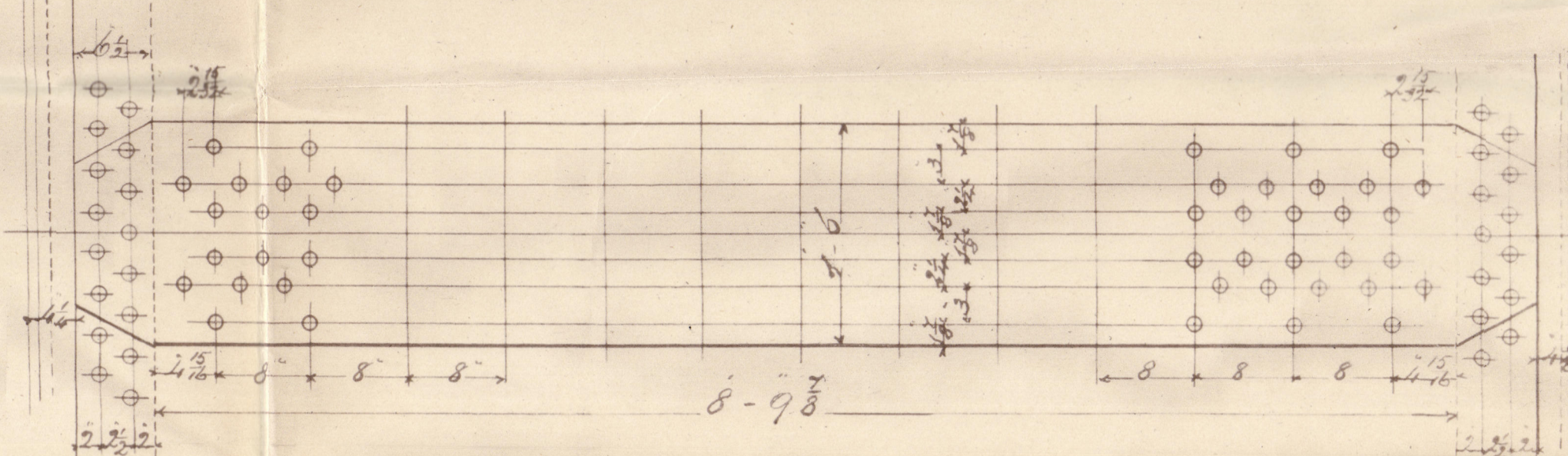
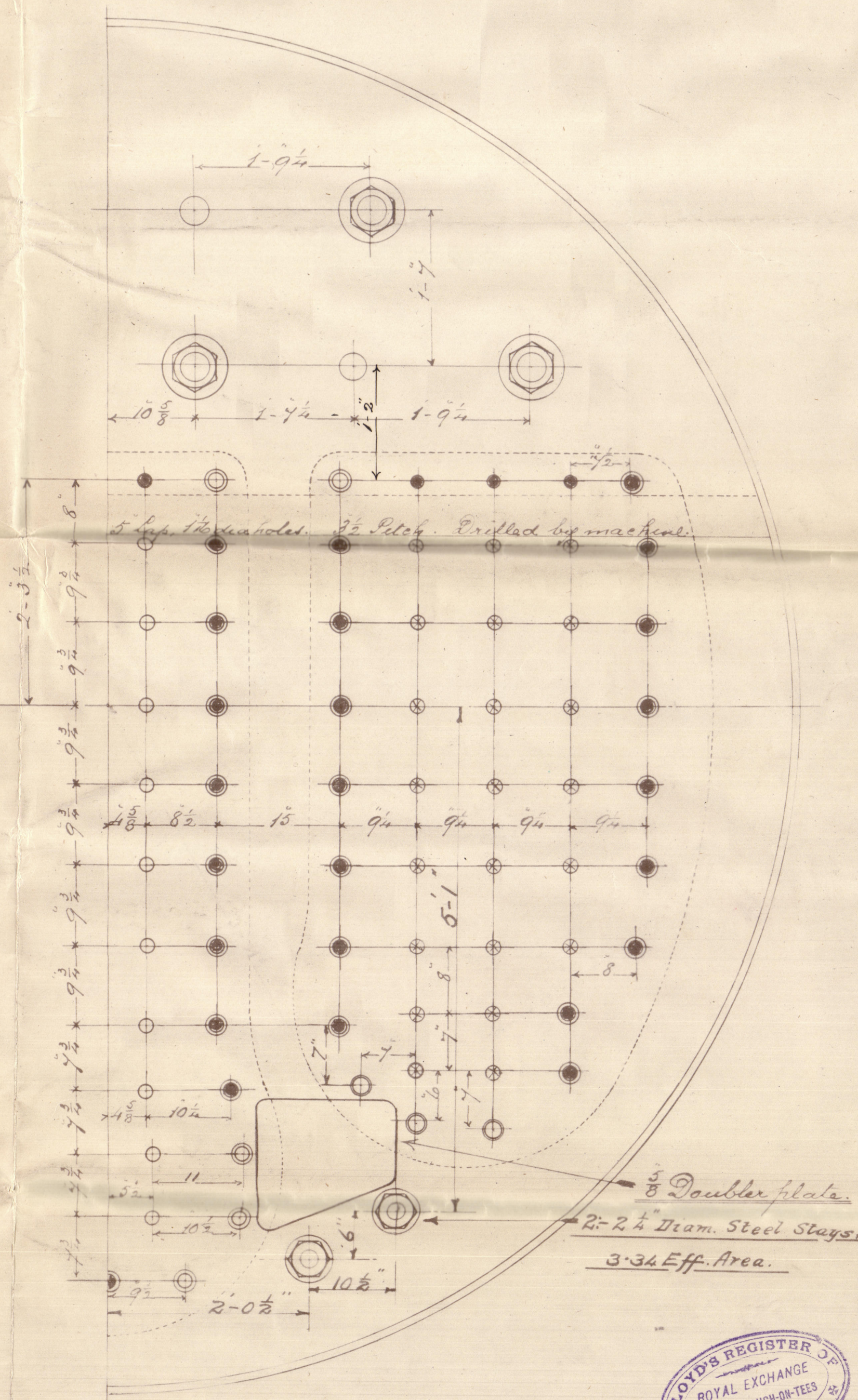
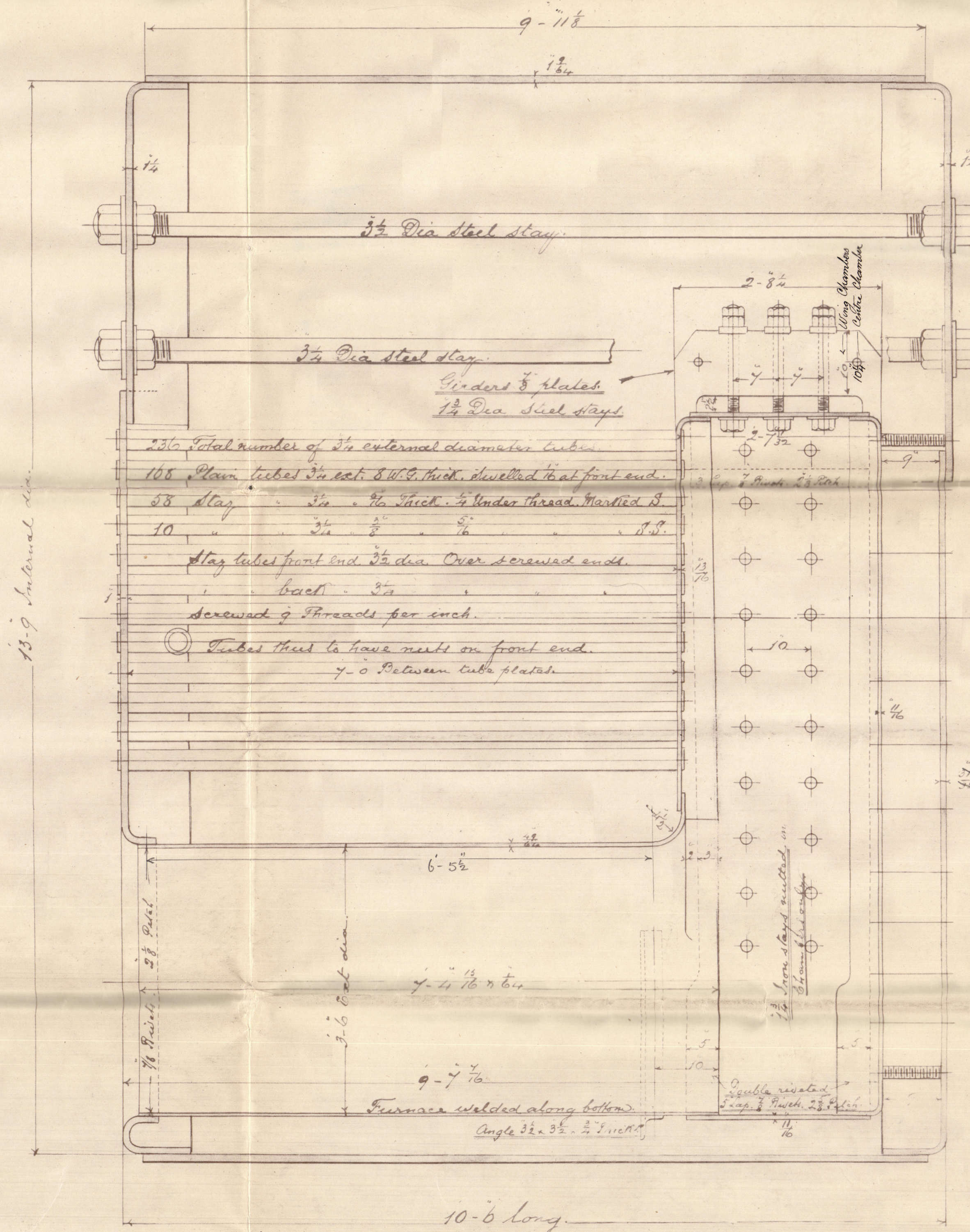
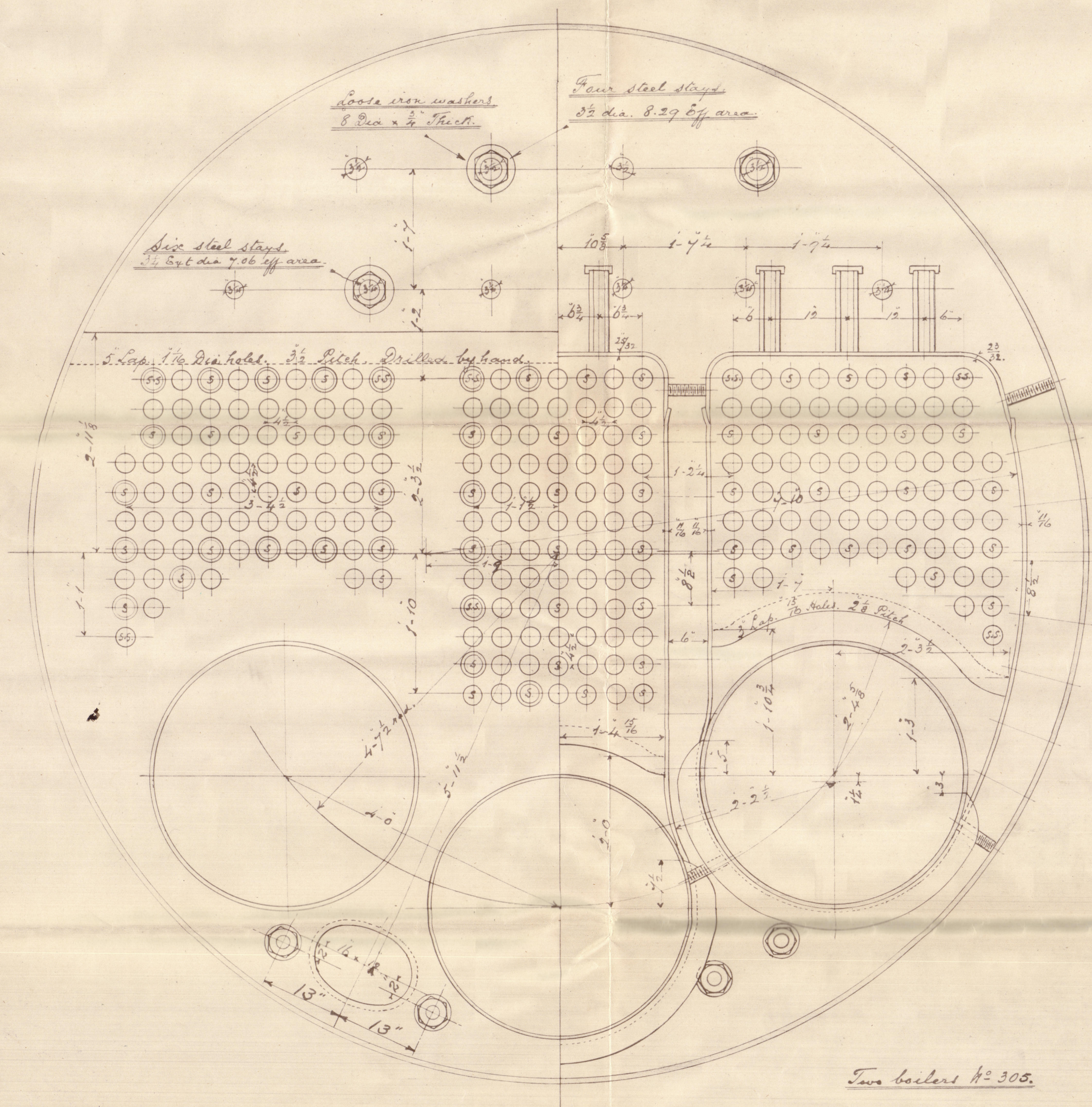


Plate thickness	
Shell	1/8
Front tube plate	1/8
Back tube plate	1/8
Bottom of front	1/8
Back	1/8
Back tube plate	1/8
Chambers	1/8
Combus. chamber top center	1/8
Wings	1/8
Back	1/8
Sides	1/8
Bottom	1/8



To pass Lloyd's Survey for 180 lbs. working pressure.
Tensile strength of shell plates and butt straps, 26 to 32 tons.
Do. Do. of all other plates and screw stays 26 to 30 "
Do. Do. Longitudinal stays 27 to 32 tons

BOILER. N^o 305.

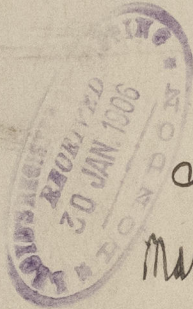
For Mess^{rs} T. & W. P. P. No 60

Scale 1" = 1 Foot. Jan 13th 1906



Stays in chamber back.
8 dia steel stays 2.75 sq area fitted at both ends.
1 1/2 $\frac{1}{8}$ $\frac{1}{16}$ $\frac{3}{16}$
1 1/2 Iron stays 2.42 sq area fitted in chamber only
1 1/2 $\frac{1}{8}$ $\frac{1}{16}$ $\frac{3}{16}$

Main Boilers
Eng. No 305
Richardsons
Westgarth & Co Ltd
Fevigs Jernskilsbyggeri
S S No 60



S. S. "Maud"
Mab. report No. 4926



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Foundation