

Circumferential Seams 1 1/2" Rivet Poles

9/12/03

HORIZONTAL DONKEY BOILER

For Lloyd's requirements for a working pressure of 180 lbs per sq in
 All plates, rivets, stays & girders of Steel Tubes of Wrought Iron
 Scale 1" = 1 Foot.

ENGINEERS
 TRACING NO. 1425
 DATE 5.12.03
 SUNDERLAND
 Heating Surface
 = 665 sq ft

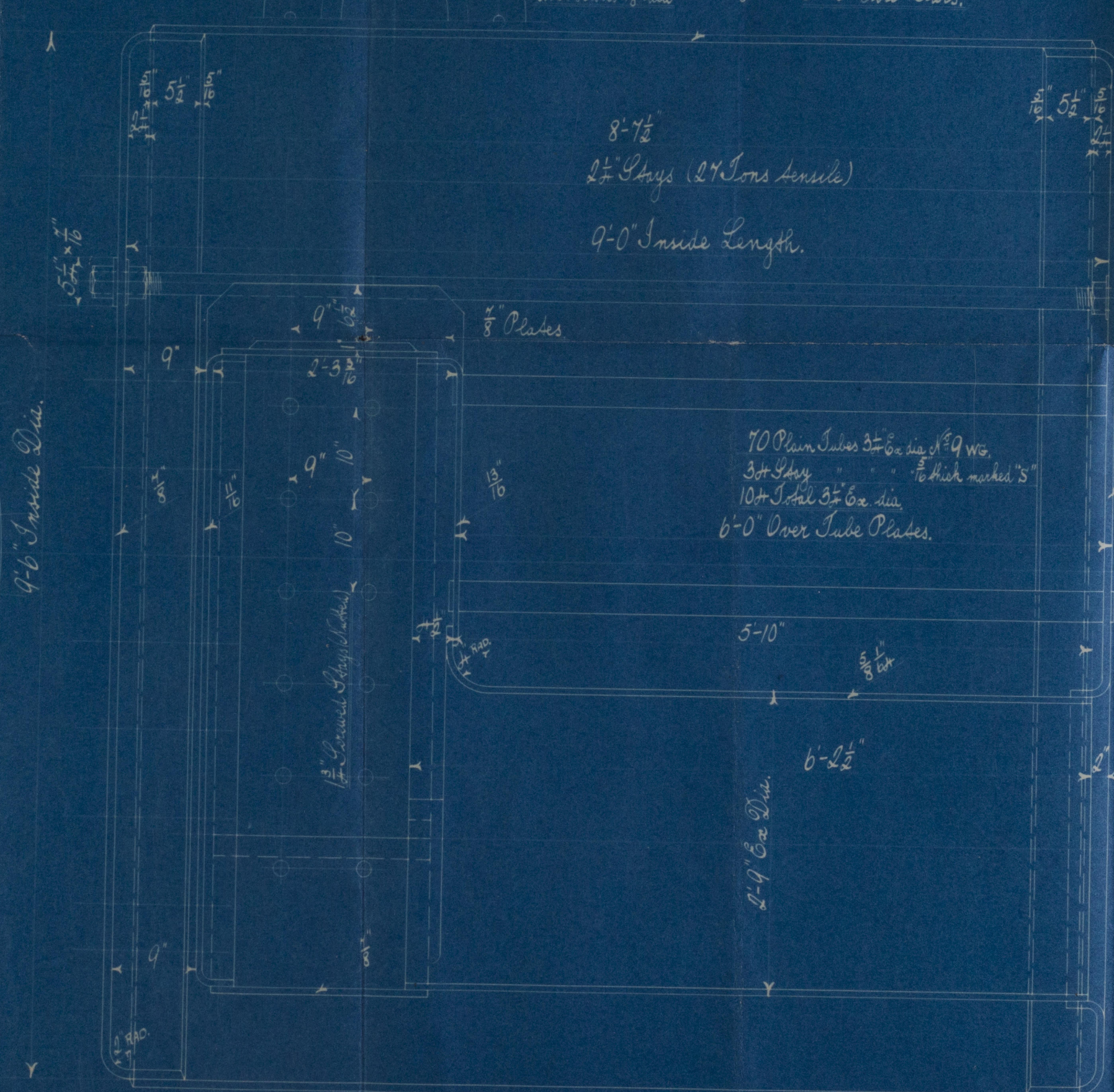
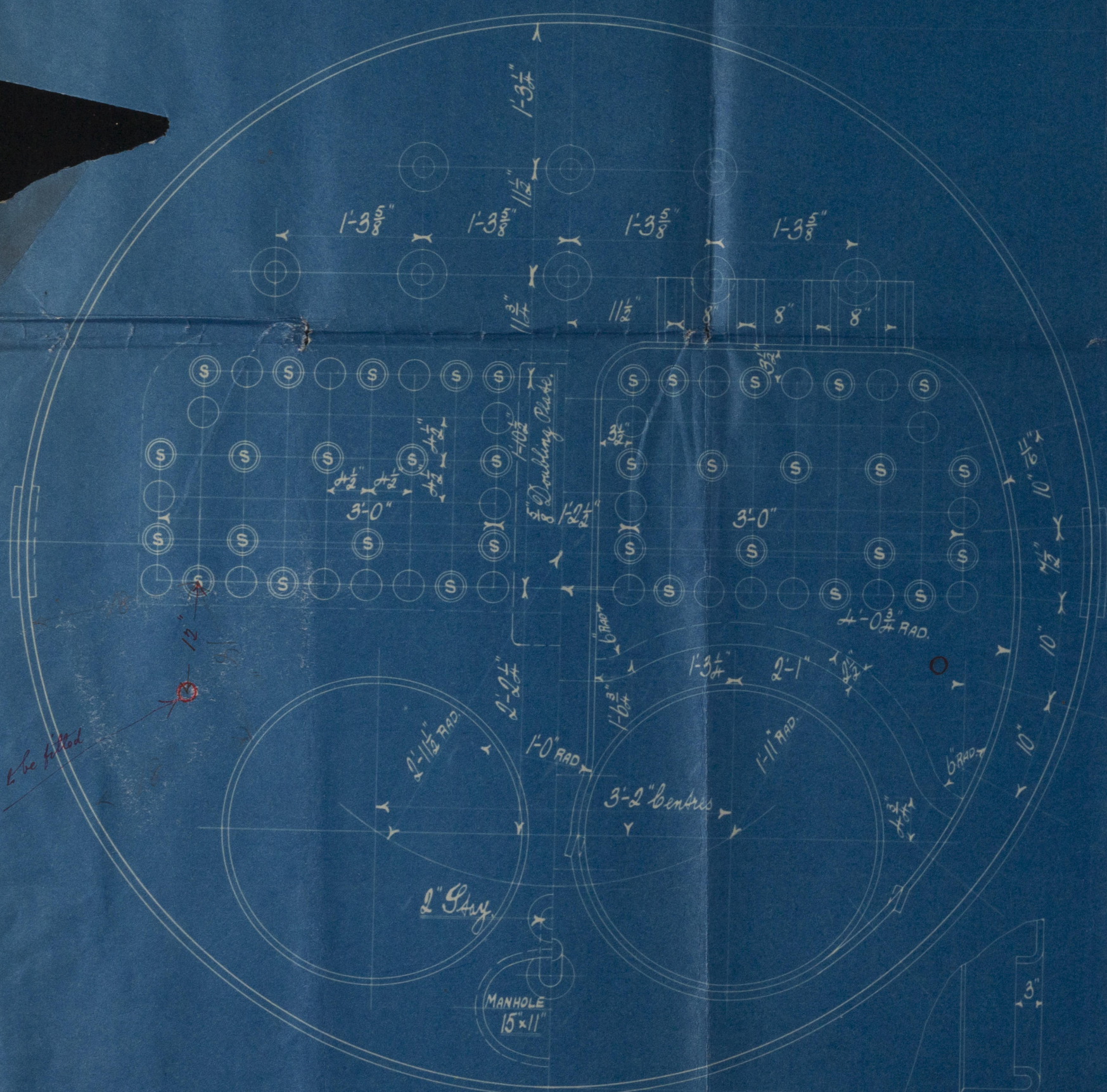
Resting.
 Combustion chambers circumferential & longitudinal seams. Cornices Single Riveted 5" Rivet Poles 2 1/2" Dia.

STAYS	THROUGHS	EFF DIA	EFF AREA
1 1/2"	9	16078	2.081
1 3/8"	9	17328	2.355
1 1/4"	6	1788	2.5
1 1/2"	6	2.03	3.25

Manhole 16 1/2" x 12"
 Stiff Ring 8 1/2" x 8"
 Rivet Poles 1 1/2" dia
 4" x 0" Fire Bars.

Longitudinal Seams fitted with Double Butt Straps
 Straps 5" thick. Rivet Poles 1 1/2" dia Scale 3" = 1 Foot.
 Tensile strength of Shell Plates and Butt Straps 28 to 32 tons per sq in

6'-1"
 70 Plain Tubes 3 1/2" dia 9 W.G.
 6'-1"
 3 1/2" Stay Tubes 5" thick Screwed 10 threads per inch Effective Area 2.255 sq in



Nº 660

DATE

ENG Nº 594 Intended for Messrs J. L. Thompson & Sons Ltd. 30/11/16 Dec 5th 1903.

9/12/03

4-12-03

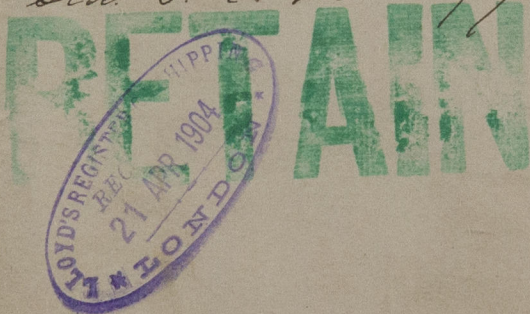
10665-0199

J. L. Thompsonson's
416
Donkey
Boiler Plan
(180 lbs)

Nº 2244
LLOYD'S TEST
1 . 360 lbs
16-3-04. G.W.



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



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Lloyd's Register
Foundation