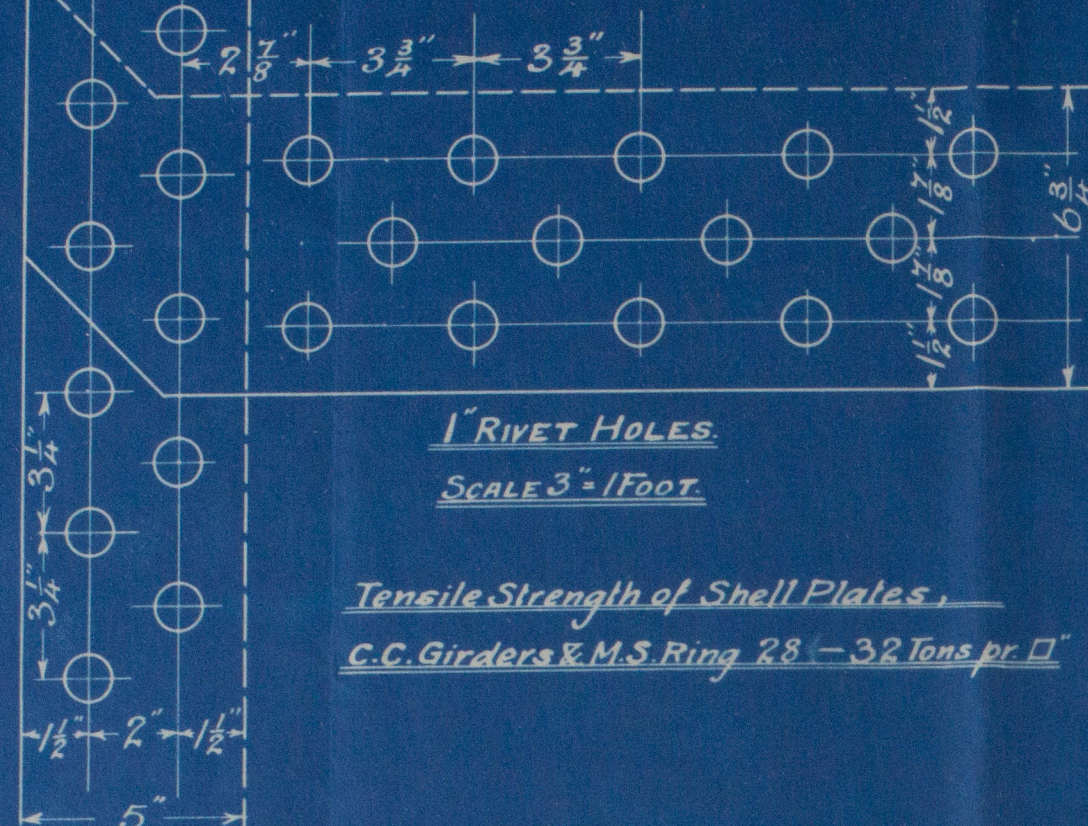


Circumferential Seams 1" Rivet Holes.



1" RIVET HOLES.

SCALE  $3\frac{1}{2}$ " = 1 FOOT.

Tensile Strength of Shell Plates,  
C.C. Girders & M.S. Ring 28 - 32 Tons pr. sq.

## HORIZONTAL DONKEY BOILER

To LLOYDS REQUIREMENTS FOR A WORKING PRESSURE OF 100 LBS. PER SQ. IN.

ALL PLATES, RIVETS, STAYS & GIRDERS OF STEEL TUBES OF WROUGHT IRON.

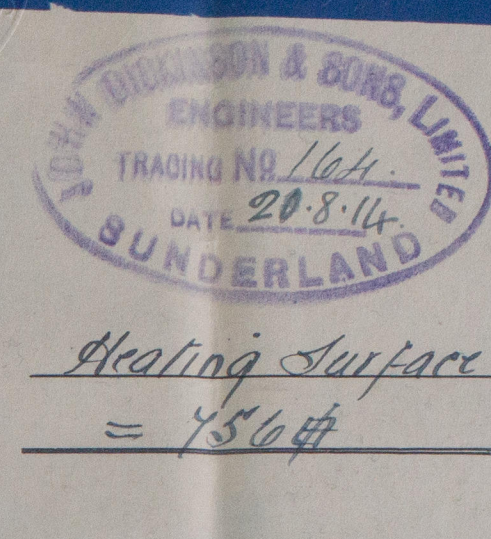
SCALE 1" = 1 FOOT.

G.H.

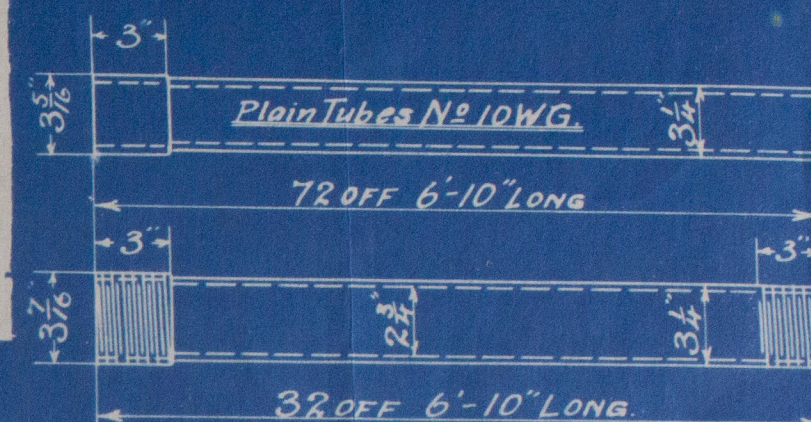
### RIVETING.

Com. Chrs. circumferential & longitudinal seams &  
Furnaces Single Riveted  $\frac{7}{8}$ " Rivet Holes 2" Pitch 2 $\frac{3}{4}$ " Lap.

For Furnace Fronts See Standard Drawing N<sup>o</sup>.



Heating Surface  
= 756 sq. ft.



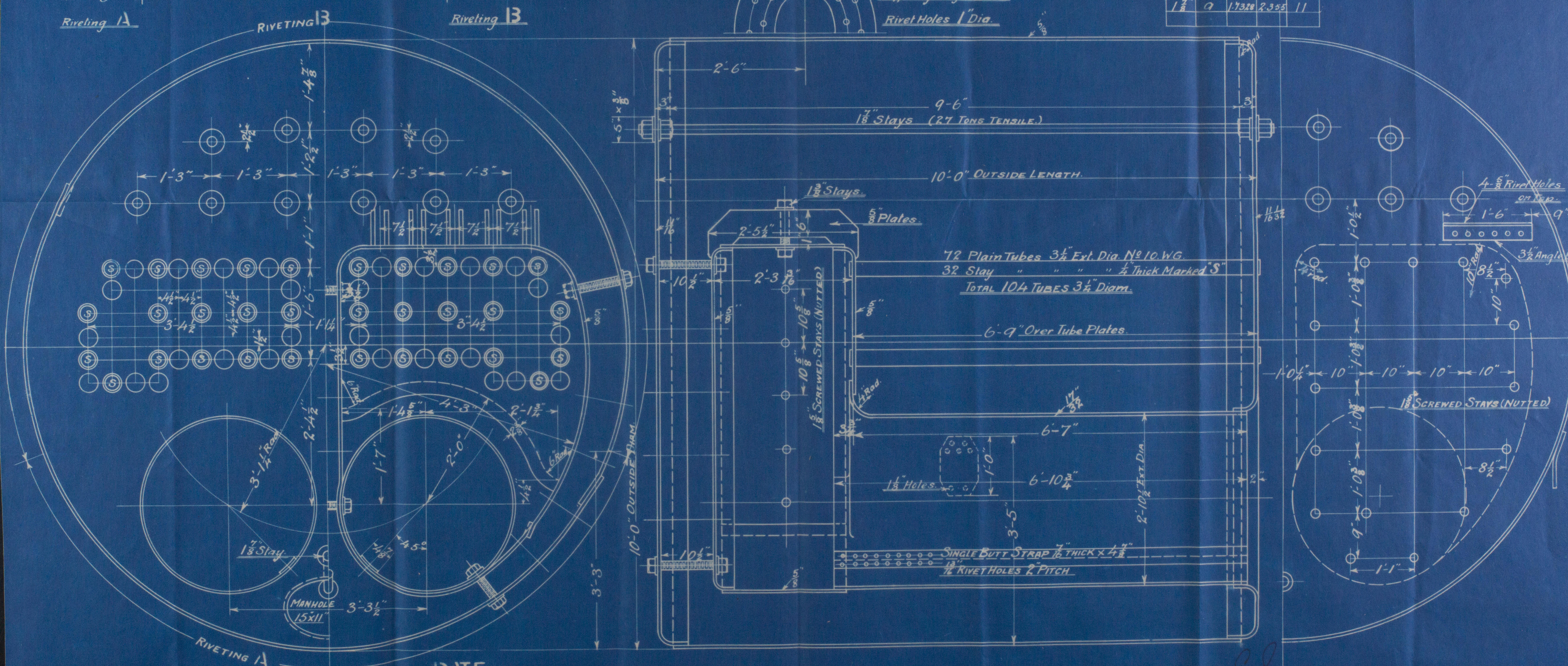
Stay Tubes  $\frac{1}{2}$ " thick. Screwed 10 Threads per inch  
Eff. Area 1715 sq. in.

STAYS.			
Dia.	No. of Stays	Eff. Dia.	Area
$1\frac{1}{2}$ "	9	1.23	1.195
$1\frac{3}{4}$ "	9	1.48	1.73
$1\frac{1}{2}$ "	9	1.73	2.355

MANHOLE 16"x12"

Stiffening Ring 8"x8"

Rivet Holes 1" Dia.



DATE

N<sup>o</sup> 1051

ENG. 785 INTENDED FOR MESSRS. J. BLUMER & CO. S.A.N. 227 July 25<sup>th</sup> 14

N<sup>o</sup> 1052

ENG. 786 INTENDED FOR MESSRS. J. BLUMER & CO. S.A.N. 228 July 25<sup>th</sup> 14

R

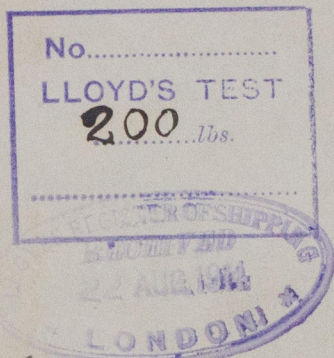
W. 10027



J. DICKINSON & S. L<sup>D</sup>.

C.T. No 1052.

DRY BLR 1 OFF.



"Shennymoor"

SUNDERLAND RPT. No. 26459

DUPLICATE. N<sup>o</sup>

1051.

RETAIN R

J. BLUMER & Co. 228  $\frac{5}{6}$

Lloyd's Register  
Foundation 0027  
W456