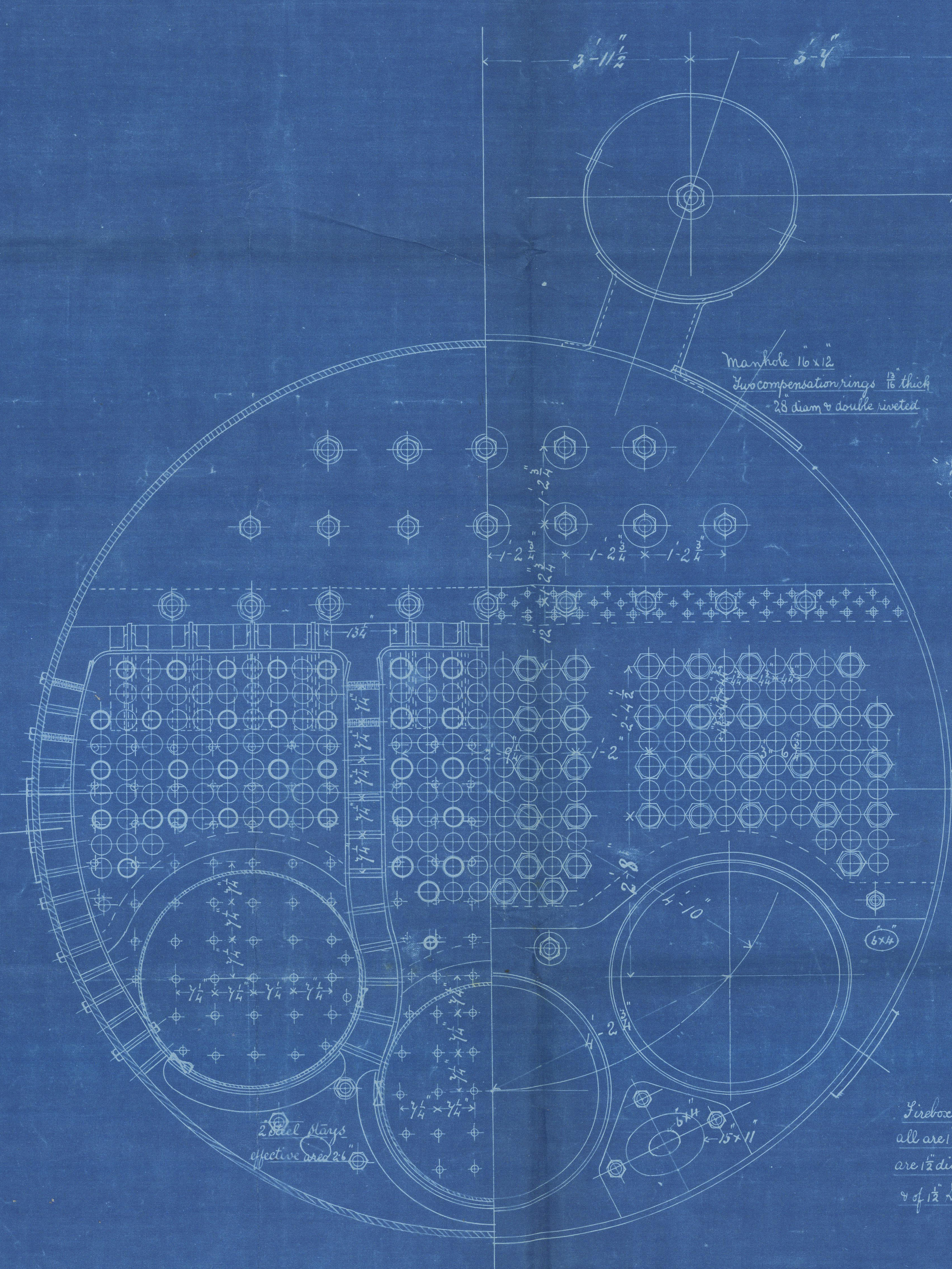


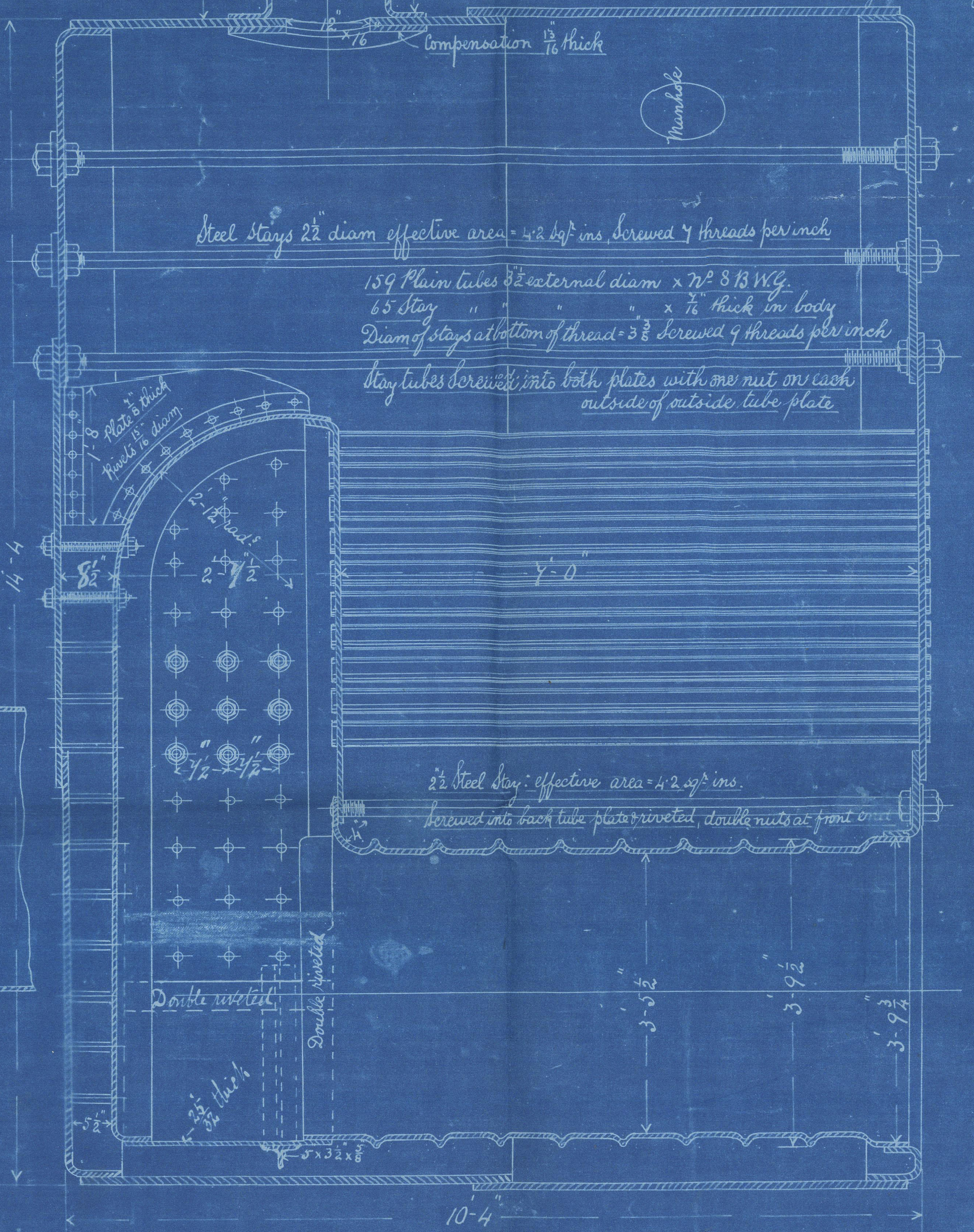
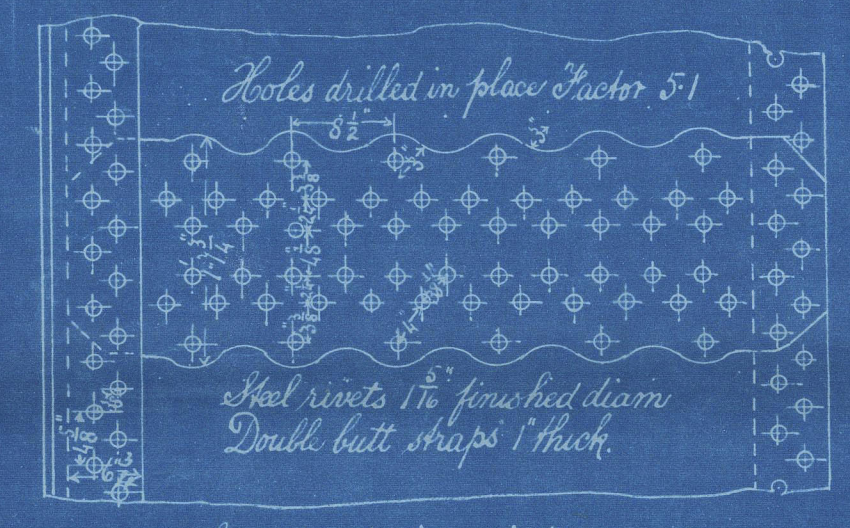
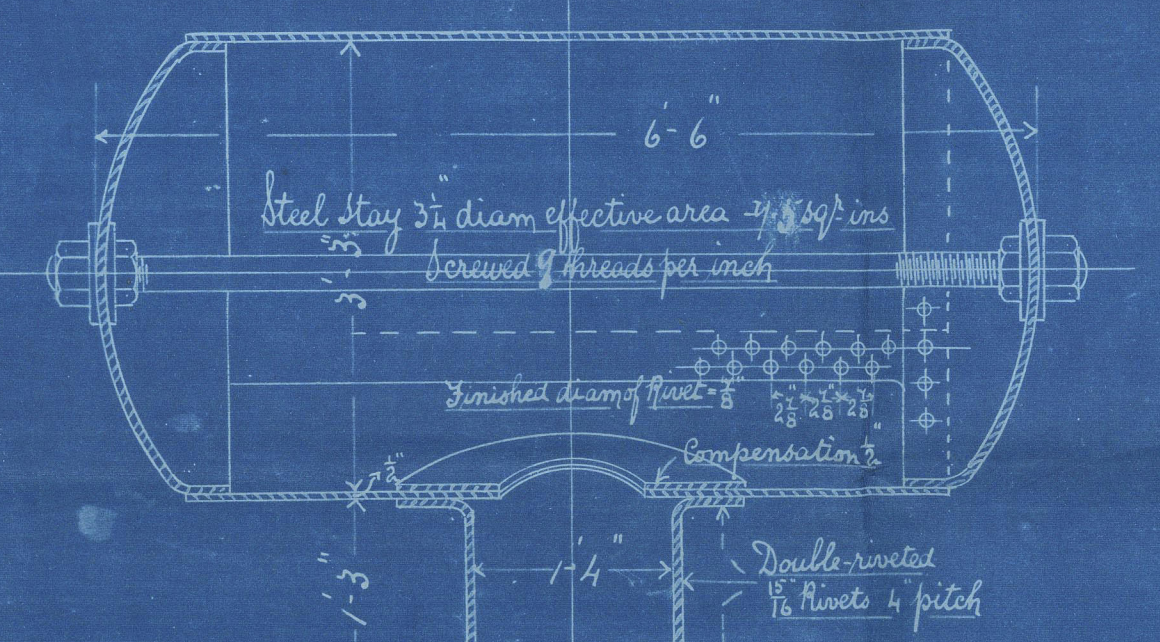
Thickness of plating	
circumferential shell	steel 1 3/8" thick
Shaps for shell	1 "
End upper plates	1 "
Back mid	3/8 "
Back lower	3/8 "
Front	3/8 "
Outer tube	3/8 "
Inner	3/8 "
Firebox backs & sides	3/8 "
do do	3/8 "
Stirraces	3/8 "
Steam rec ^r pipe	3/4 "
do do shell	1/2 "
do do ends	1/2 "
Heating surface	
Tubes 22.4 at 7'-0"	4135.5 sq ft
Stirraces	117.18 "
Fireboxes sides & backs	180 "
Inner tube plates	39.8 "
Total in one boiler	4473.18 "
Grate surface - 5 bars 57	11 "



- Two Off -

Arrangement of stays in outside of wing fireboxes

Firebox stays steel screwed 10 threads per inch all are 1 1/8" diam except back marginal rows which are 1 1/2" diam. Effective diam of 1 1/8" stays = 1.22 sq. ins & of 1 1/2" stays = 1.46 sq. ins



Working pressure	
Plate section	
Rivet	
circumferential shell	
End upper plates	
do do do stays	
Outer tube plates	
Inner	
Stay tubes	
Combustion chamber backs	
do do sides	
do do stays (ordinary)	
do do do (back marginal)	
Stirraces	
Steam receiver plate section	
do do rivet	
do do circumferential shell	
do do ends stay	

Lloyds	
100 (8.5 - 1.3125)	84.35%
135 (2.2 x 5.1 x 1.5 x 8.5)	91.8%
260 (1.28 x 1.25 x 8.4 x 5.5)	163.6%
140 x 16	169%
4.2 x 4000	16.8%
14.75 x 14.0 x 15	160%
14.75 x 14.0 x 15	174%
180 x 9	184%
122 x 8000	165%
148 x 8000	163.3%
11000 x 628	161%
100 x 675 x 875	69.5%
85 x 2.675 x 5	70.9%
215 x 8 x 49.5	191.6%

- BOILERS. No 257 -
 Diam - 11'-4" : Length - 10'-4" : Pressure - 160 lbs
 Scale = 3/4" of an inch to the foot

15/10/59

S.S. "Anyoni" Wm 4131
Main Boiler Tracing
of
Messrs Hall Russell & Co

S.S. No 257.

ABN21-0098



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Lloyd's Register
Foundation