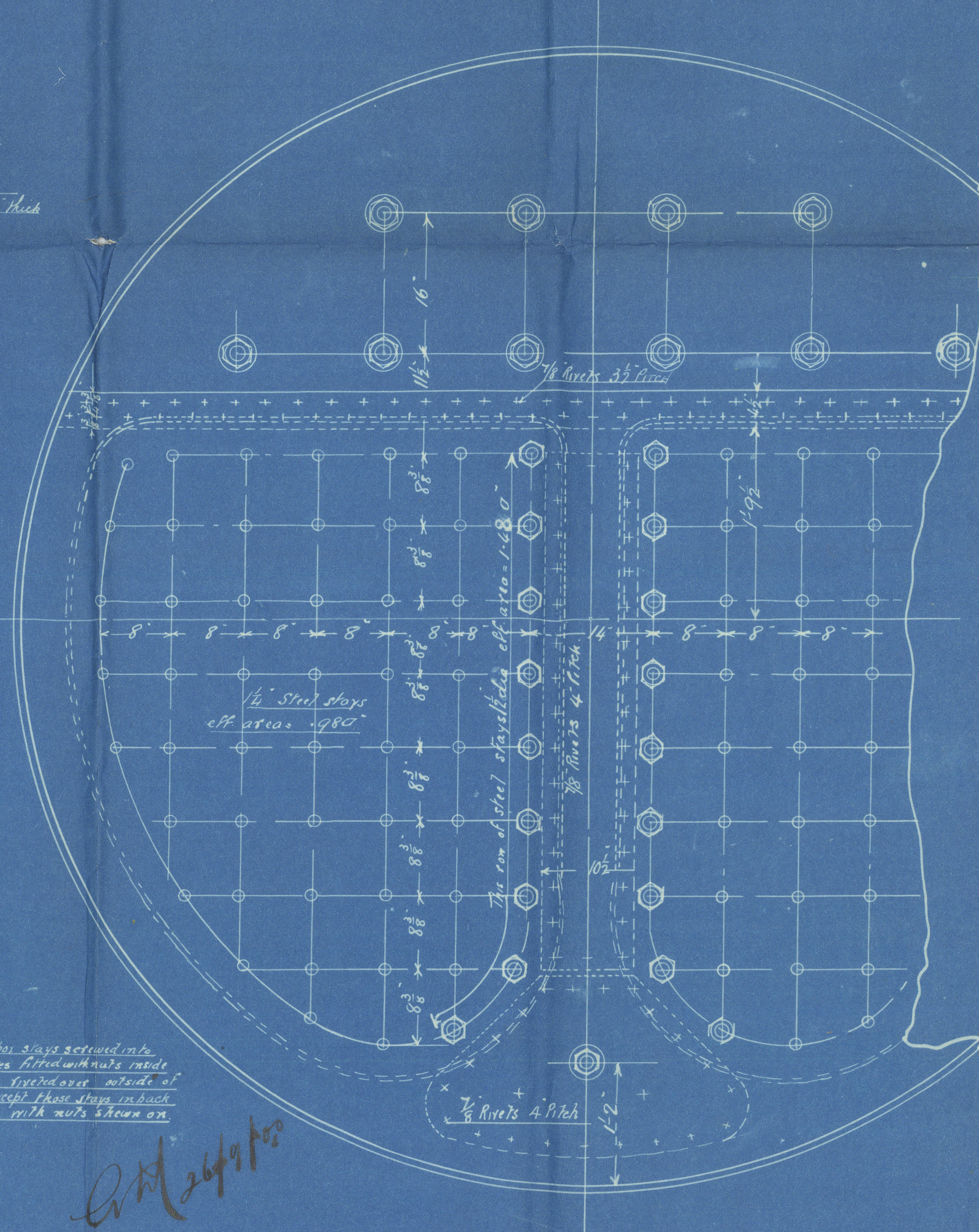
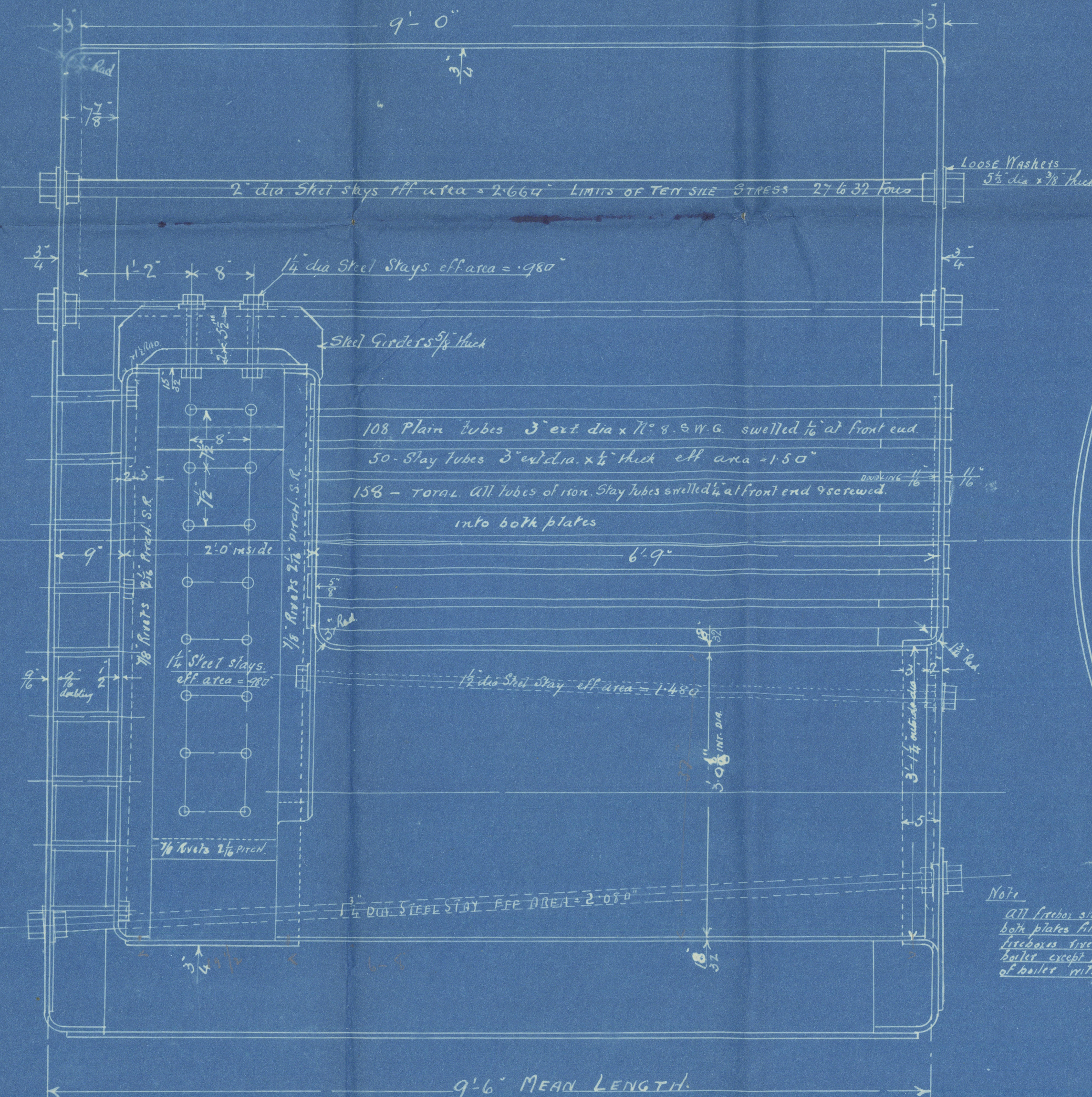
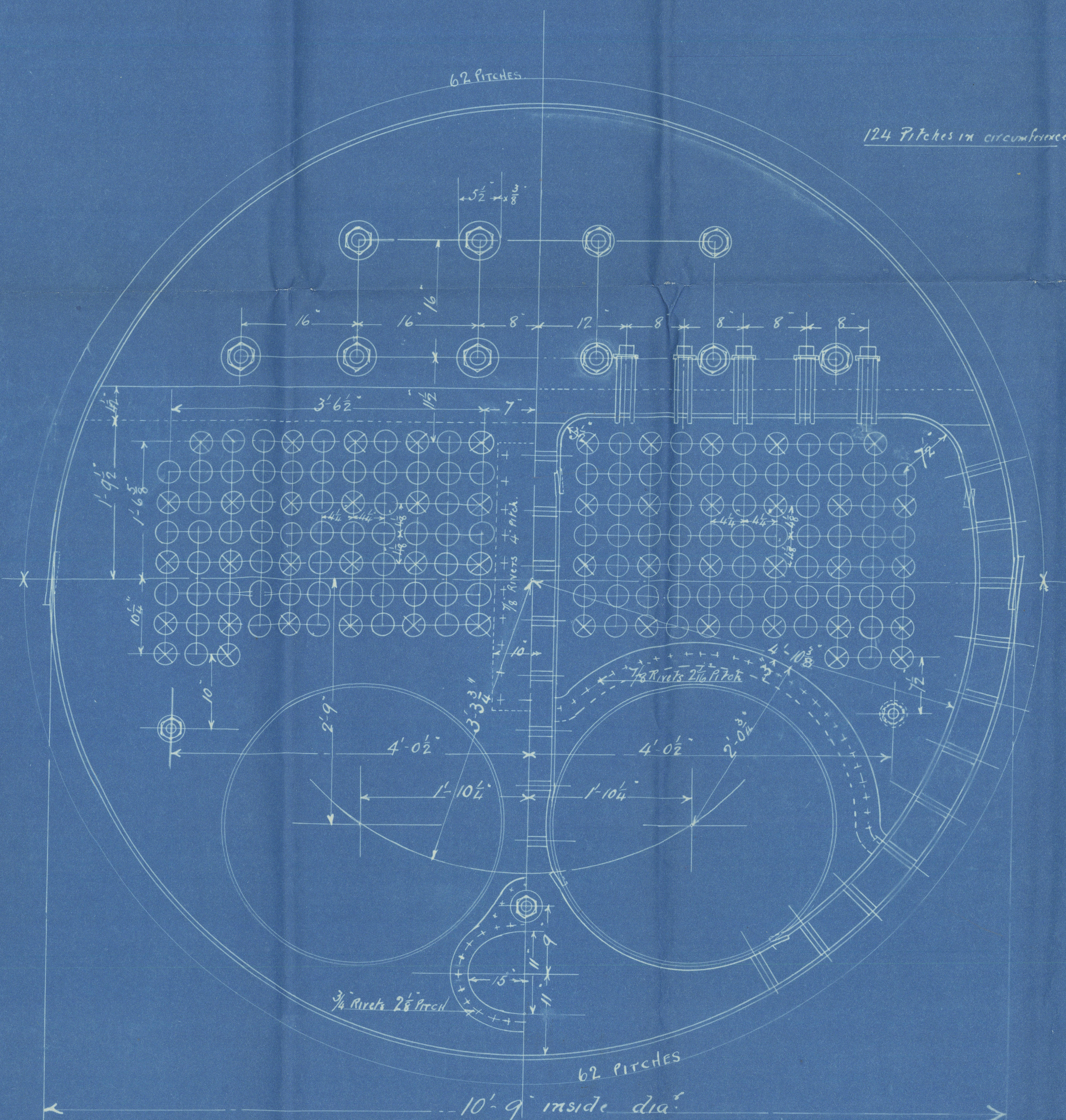
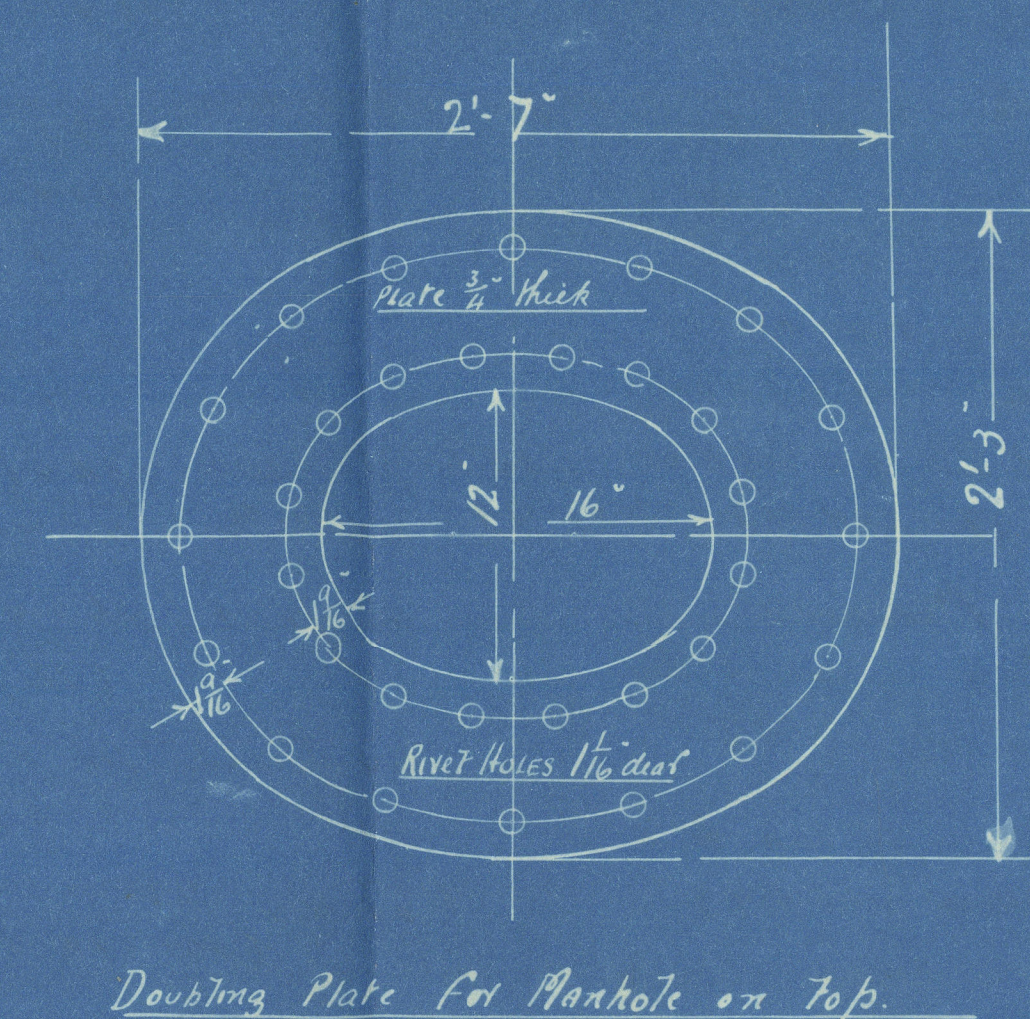
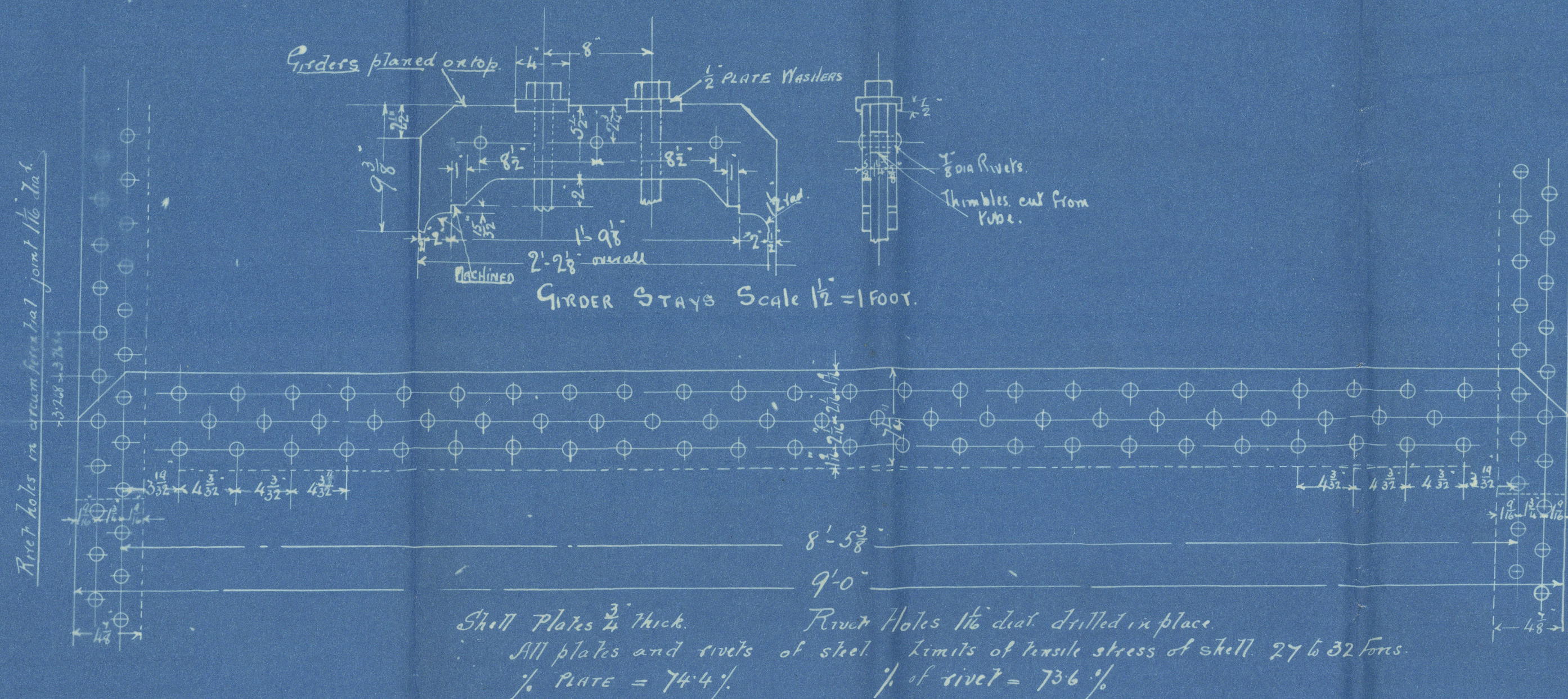


27. 9. 00

Heating Surface	
158 tubes 3" ext dia x 6' 9" long	837 sq ft
Furnaces	69 sq ft
Fireboxes	81 sq ft
Total	987 sq ft
Grate Surface	2968 sq ft
Area thro tubes	6.05 sq ft
Water surface	91 sq ft
Steam space	192 cu ft
Ratio of grate to heating surface	1 to 33.2
do Area thro tubes	1 to 9.1
do Water surface	1 to 3
do Steam space	1 to 6.4
Weight of water for 11-3-0-74	
Length of furnace	4' 9"
% of boiler above fireboxes	32.5%

Thickness of Plates	
Shell of boiler	3/8"
Top front & back	3/8"
Bottom front	3/8"
do back	3/8"
Furnaces	3/8"
Back tube plate	3/8"
Sides & top of fireboxes	3/8"
Bottom of firebox	3/8"
Back of firebox	3/8"
Doubling on bottom front	1/2"
do do do back	3/8"
do do Manhole on top	3/4"
" " between furnaces	1/2"



DAVID ROYAN & CO.  
ENGINEERS  
111, 113  
BRISTOL STREET  
GLASGOW

DONKEY BOILER N° 342

Scale - 1/2 inch = 1 foot.

DR N° 110

WORKING PRESSURE 100 LBS

27. 9. 00

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Dr. J. W. & Co  
Donkey Boats  
No 342.

of "Indrasamha"



Glenside no 19200



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