

Lloyds G.P.

3 STEEL BOILERS

Working Pressure 160 lbs
Test Pressure 320 lbs } per sqr inch
To Board of Trade and Lloyds Survey
All material of steel except where otherwise specified
All rivets drilled in place

Minimum Tensile Strength of Shell Plates 28 tons per sqr inch

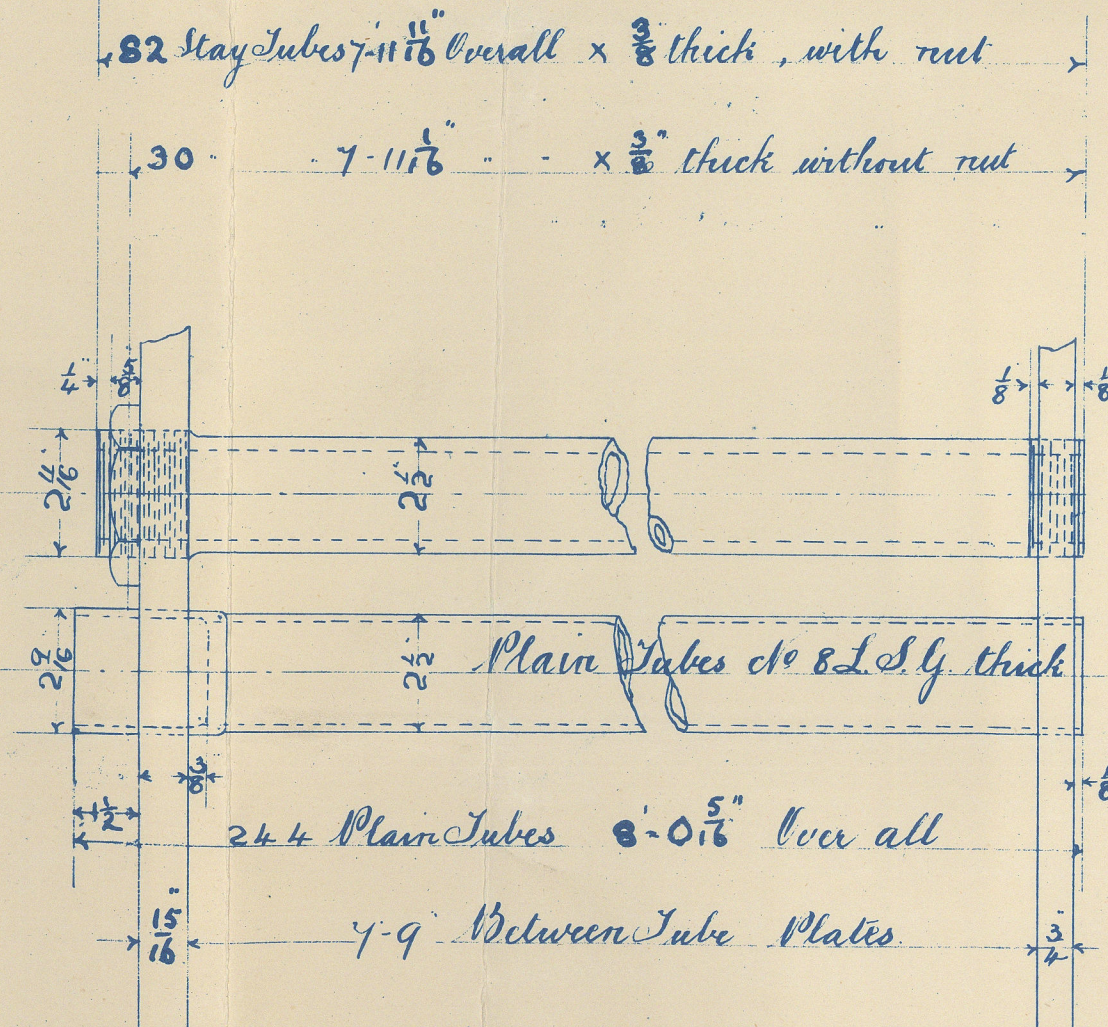
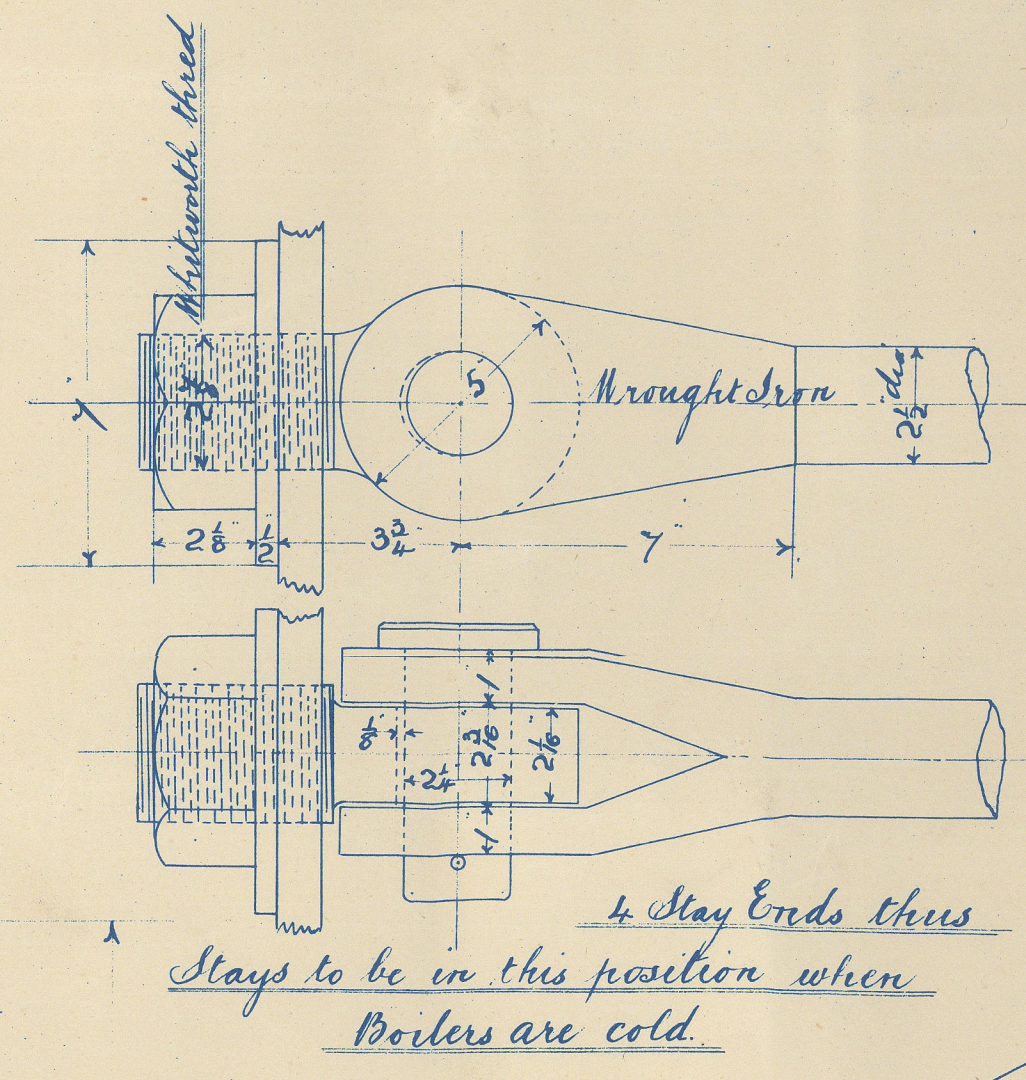
Scale 1" = One Foot.

Steel Stay Bars for One Boiler				
20 Bars	12-12	X	3/8	Steam & Water Space
7 Bars	16-0	X	1 1/2	Screw Stays bounding rear backs
8 Bars	16-0	X	1 1/2	backs
12 Bars	16-0	X	1 1/2	combustion chamber sides

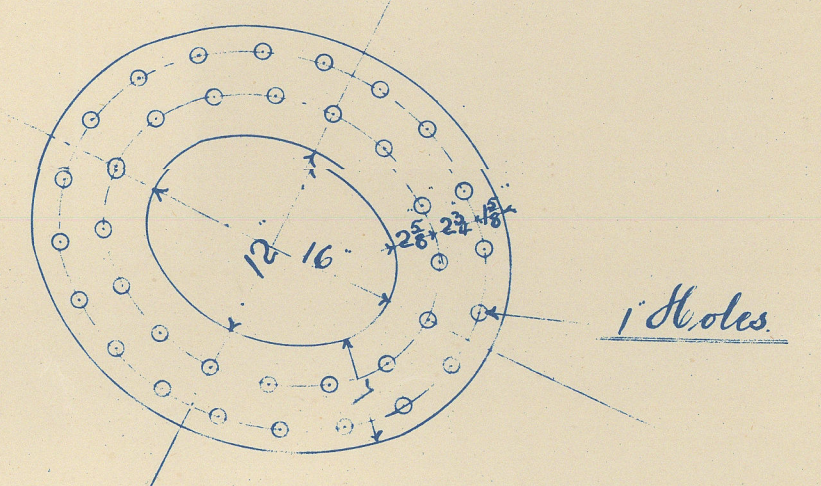
Heating Surface in Tubes		One Boiler Three Boilers		Grate Surface		One Boiler Three Boilers	
Tubes		1805.8	5417.4	Water Surface		133.9	401.7
Comb Chambers		163.8	491.4	Area of Tubes		8.2	24.6
Front Tube Plates		33.8	101.4	Steam Capacity		454.0	1362.0
Total		2285.0	6855.0				

Diameter of Rivets in Outside Rows 18
Inside Rows 16

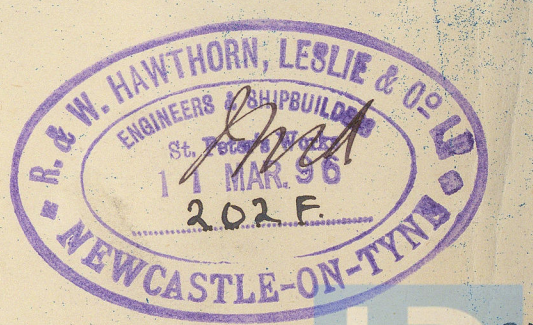
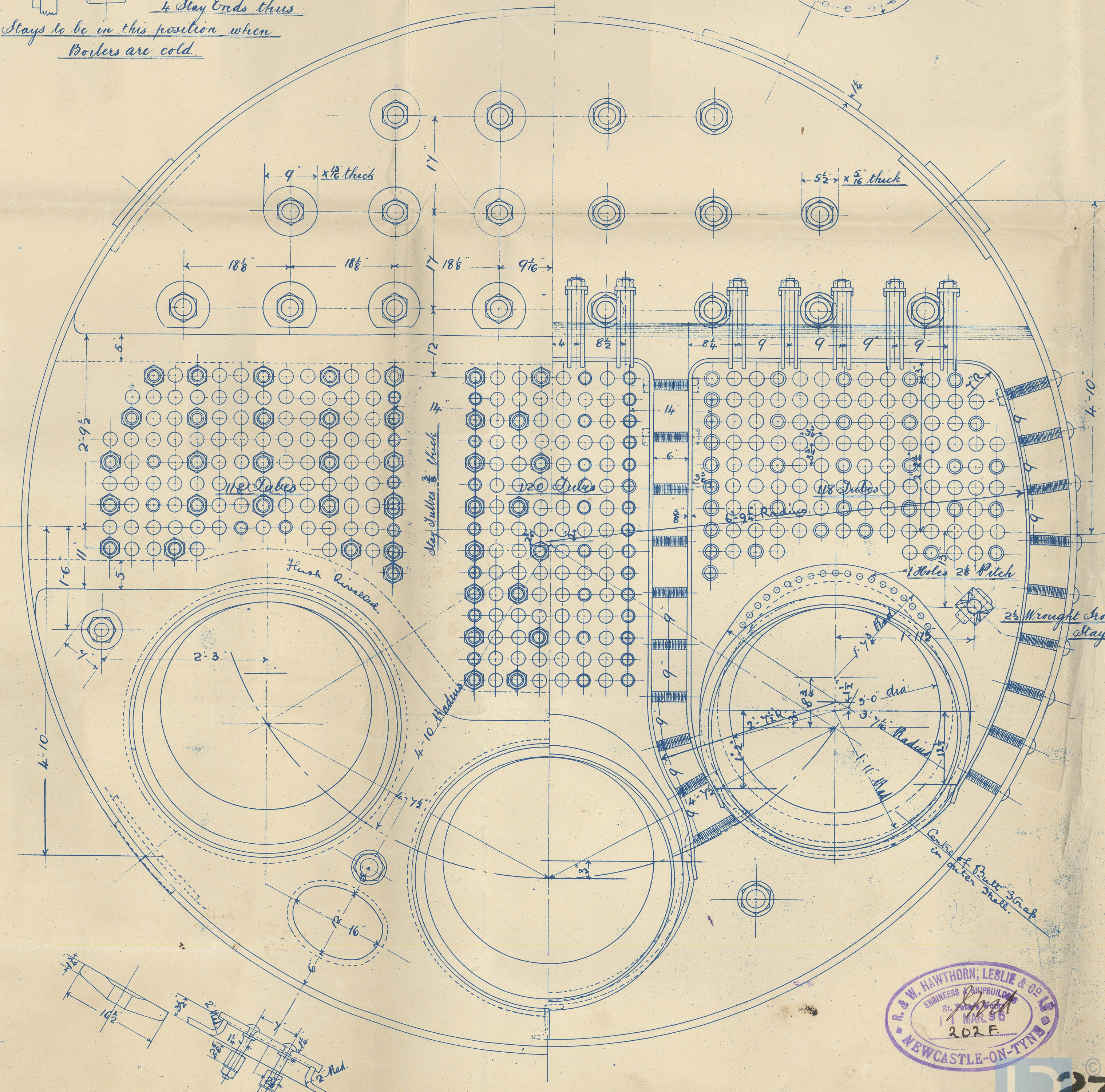
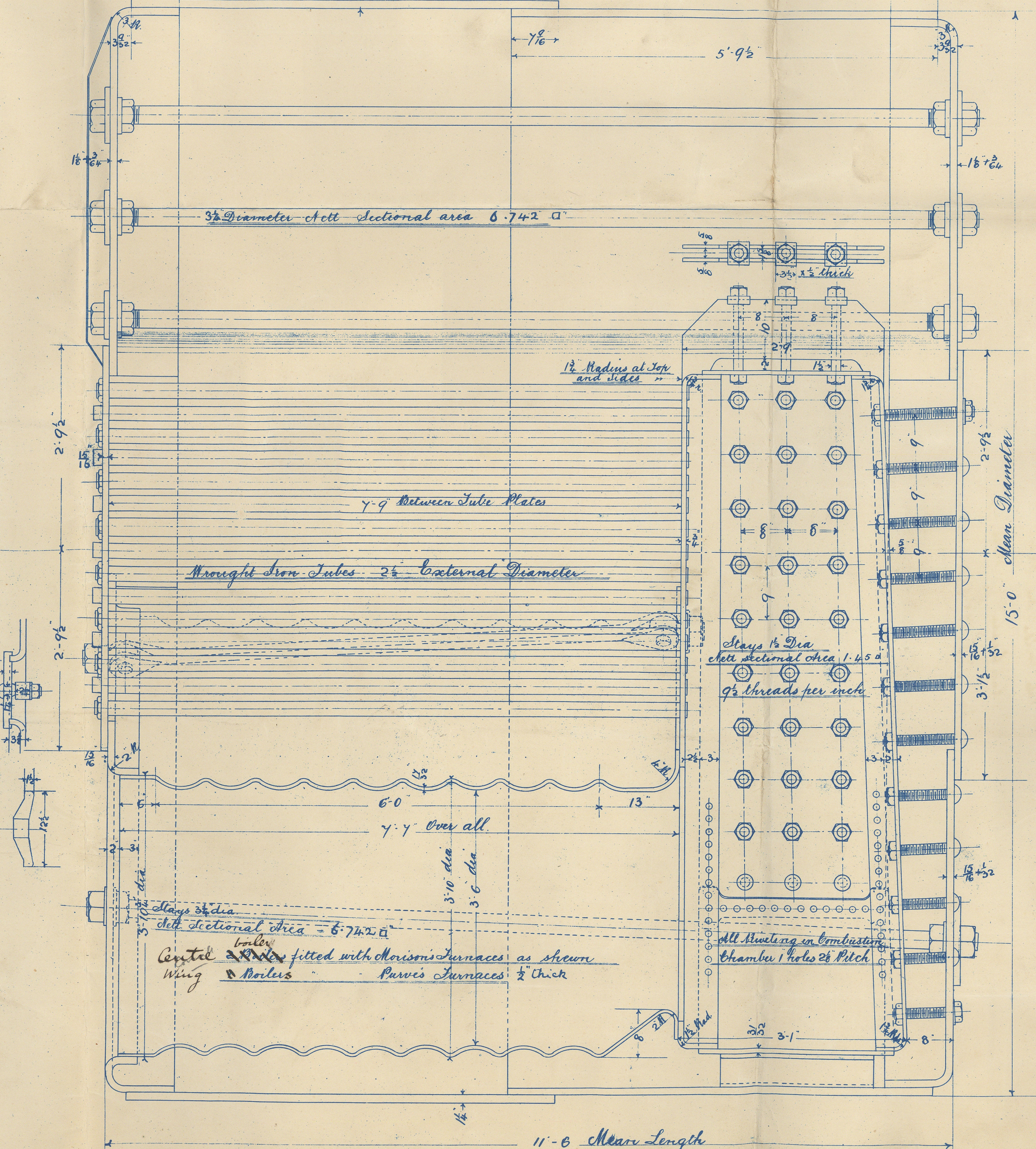
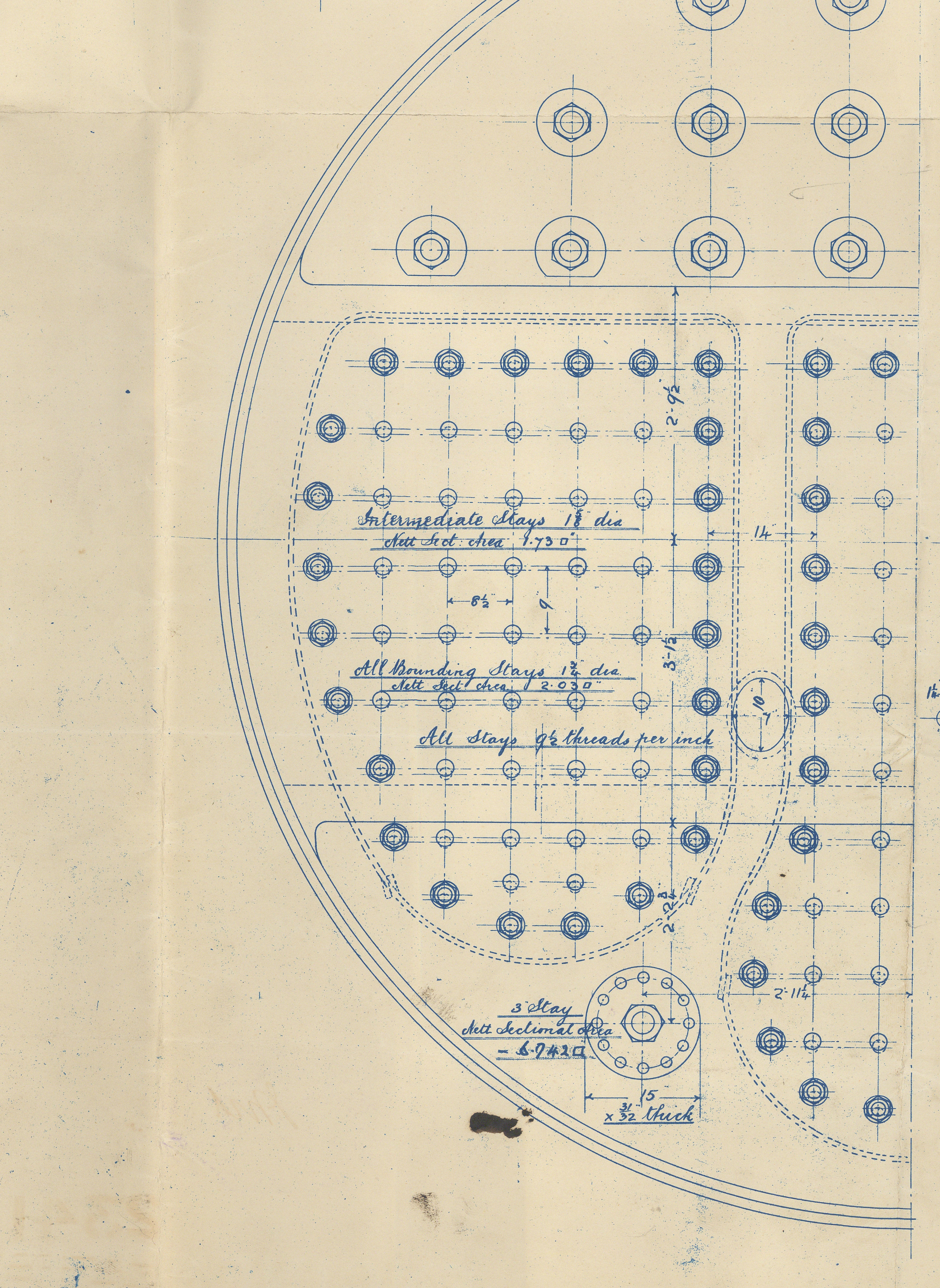
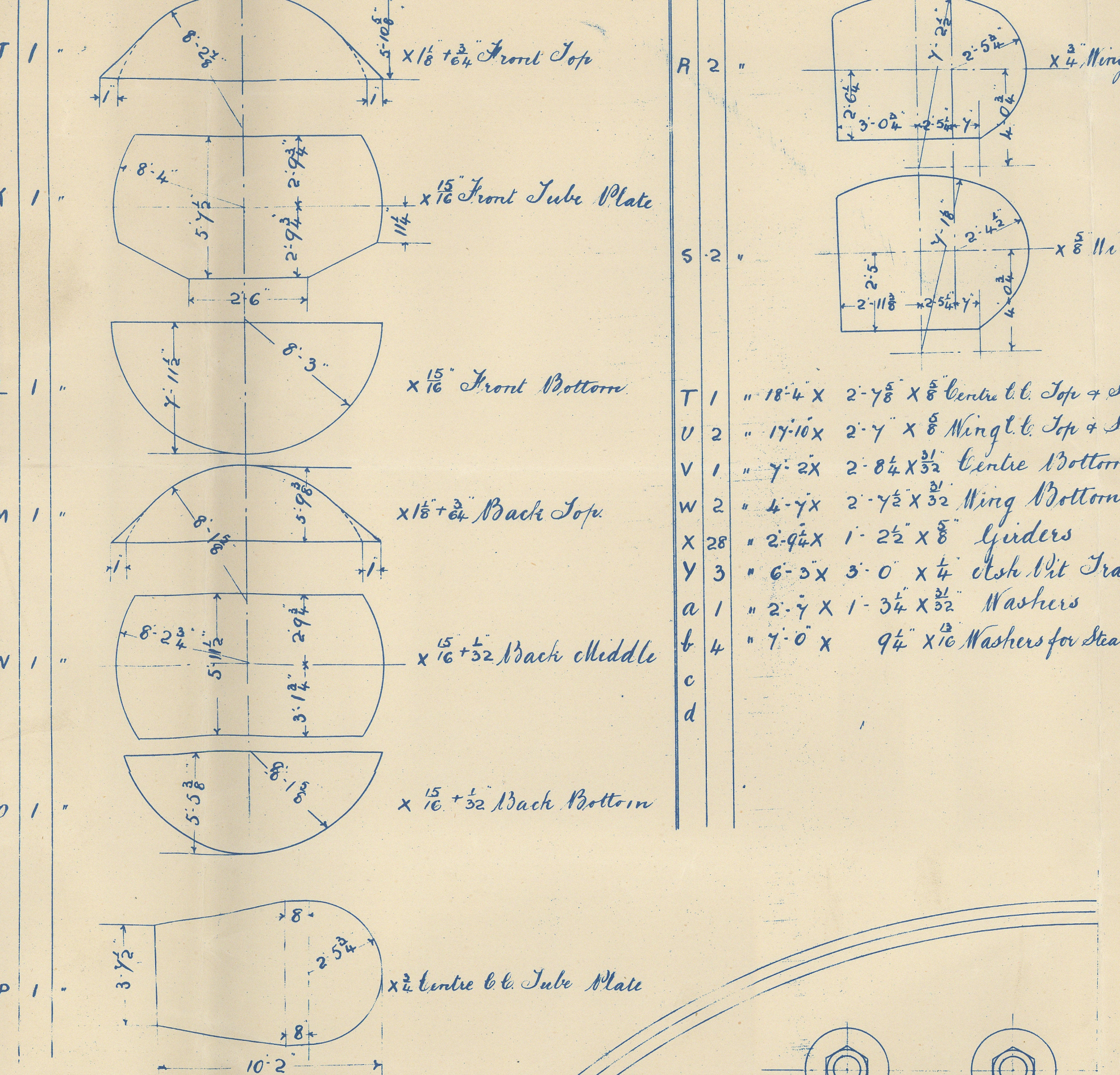
Least 7/8 32.40
7/8 of Rivet Section 106.65



Total 356 Tubes



List of Plates			
Plate	Length	Breadth	Thickness
A	25-0	5-9 1/2	1/2
B	25-0	5-9 1/2	1/2
C	25-0	5-9 1/2	1/2
D	25-0	5-9 1/2	1/2
E	25-0	5-9 1/2	1/2
F	25-0	5-9 1/2	1/2
G	25-0	5-9 1/2	1/2
H	25-0	5-9 1/2	1/2
I	25-0	5-9 1/2	1/2



DRAWING N°9983

2341
ENGINE N°2340

WING No 333

Newcastle on Tyne
Hawthorn Leslie & Co

Engines 2341
S.S. No 340.
S.S. "Devon"

The center boiler is fitted with the same furnaces as the two boilers on the side

4921
Clod Test
320 lbs.
C.L.H.
26-10-96.

Receipt No 34431

Note

The boilers are exact
duplicates of those supplied
for S.S. No 339

Wing Boilers fitted with
Parker furnaces.
Center Boiler fitted with
Morison furnaces.

