

Plate order for 2 boilers.

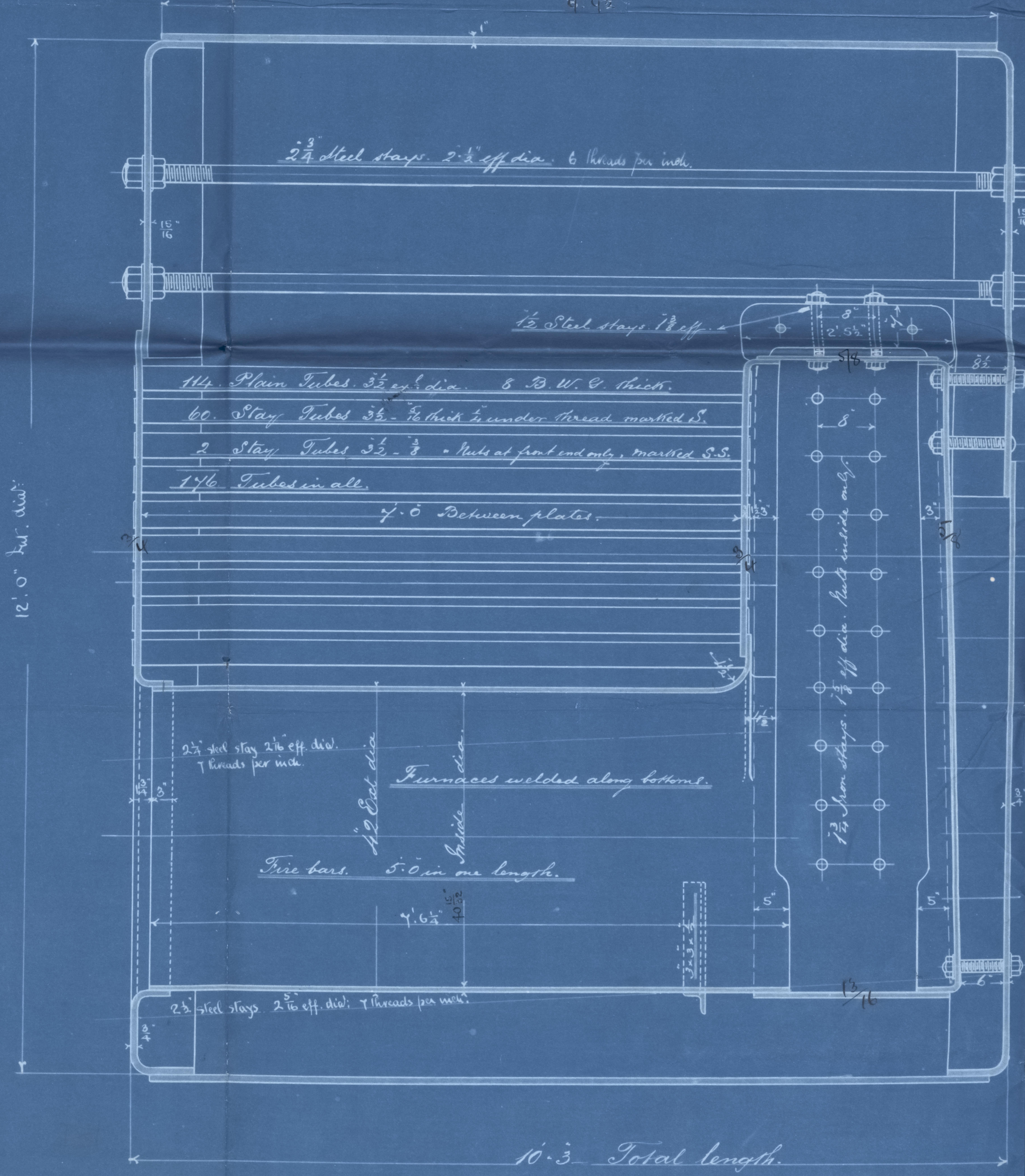
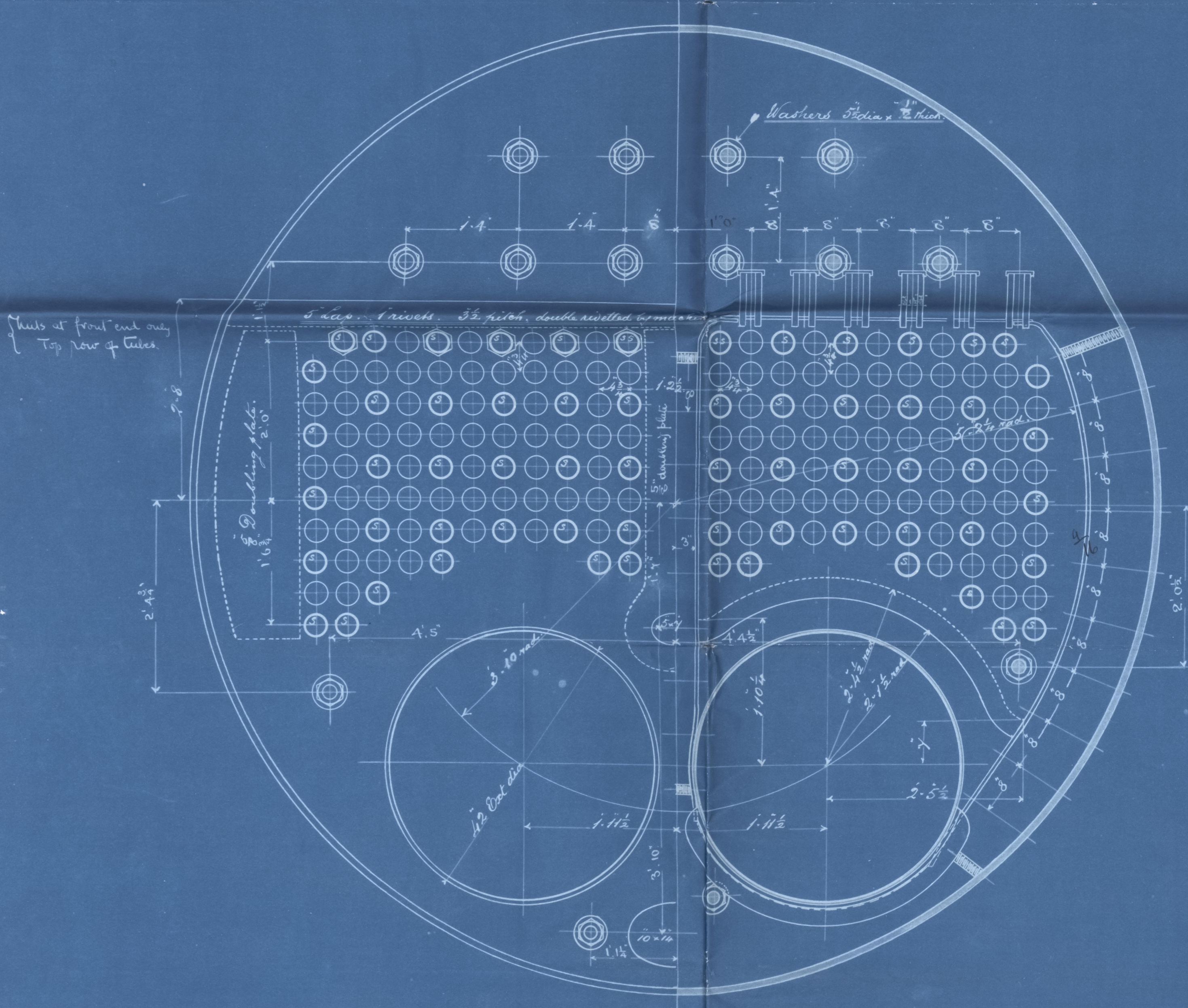
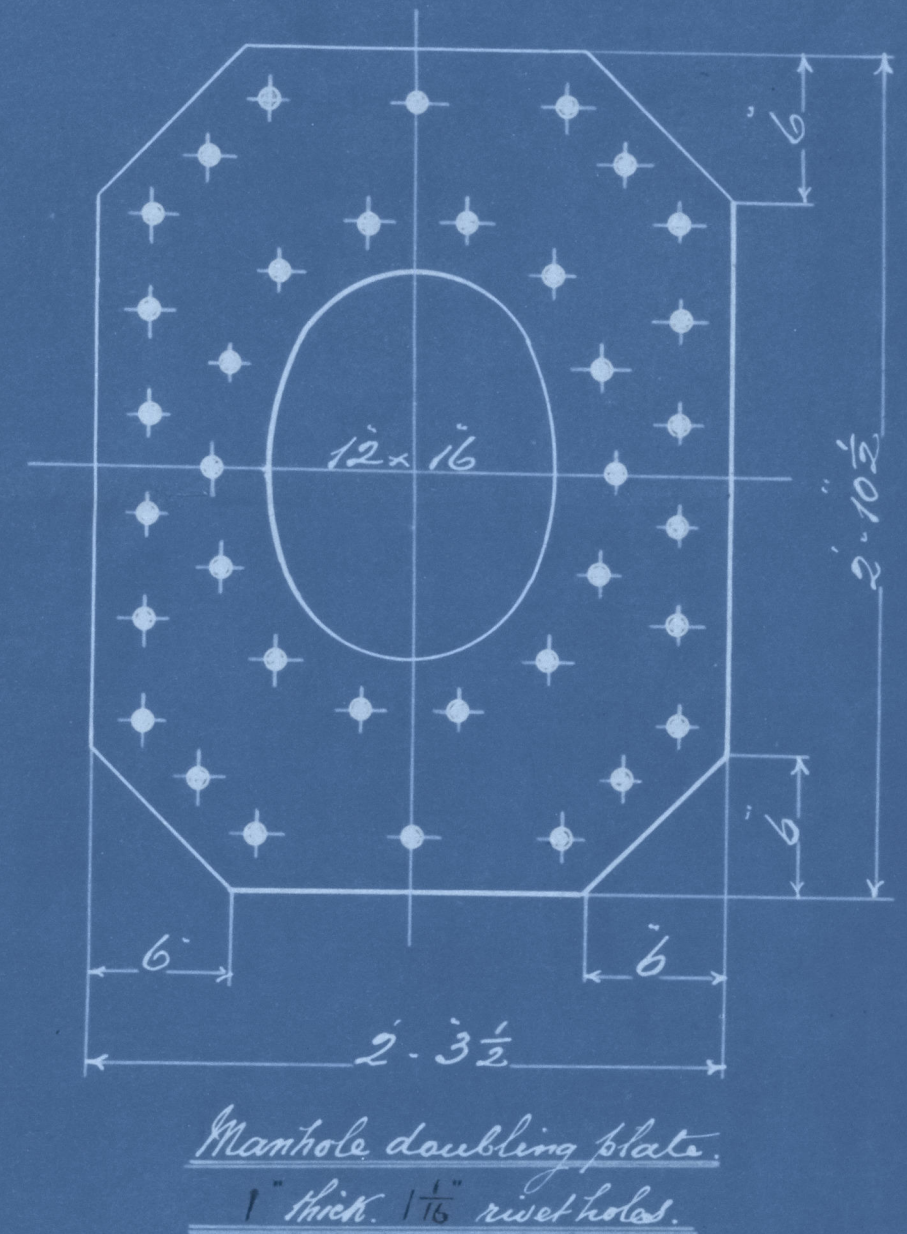
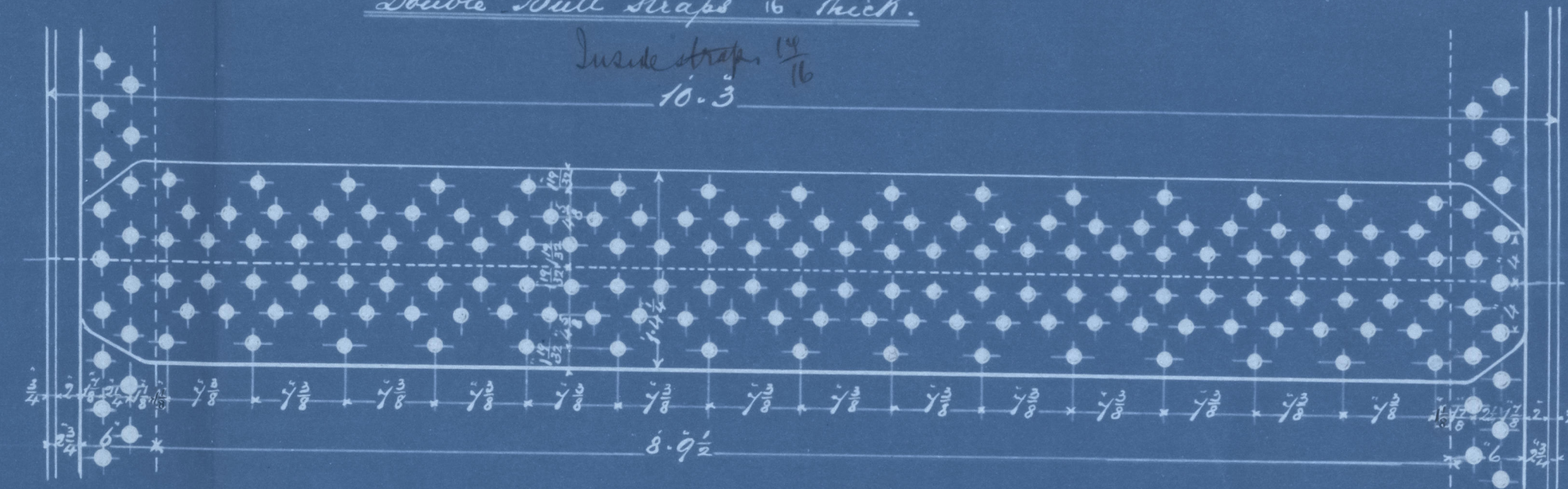
Mat.	No.	Description	Dimensions
A		Shell plates.	
B		Butt straps.	
C		"	
D		Top of front.	see sketch.
E		Bottom.	see sketch.
F		Top of back.	see sketch.
G		Bottom.	see sketch.
H		Furnace plates.	
K		Combustion chamber top.	
L		side (wings).	
M		side.	
N		bottom.	
O		back.	see sketch.
P		Back tube plates.	
Q		Manhole doubling plates.	
R		Doubling plates (middle of front).	
S		" (middle).	
T		" (back).	
U		Reinforcing plates.	

123
9.3.97

Heating surface.	Sq. Ft.
Tubes.	1128
Furnaces.	76
Combustion chamb.	126
Tube plates.	50
Total.	1380
Gross surface.	3500

Thickness of Plates.	
Shell.	1"
Top of ends.	1 1/2"
Bottom of ends.	1 1/2"
Back tube plate.	1 1/2"
Furnaces.	1 1/2"
Combustion chamber top.	1 1/2"
side.	1 1/2"
bottom.	1 1/2"
back.	1 1/2"
Butt straps.	1 1/2"

Longitudinal seams 1 1/2" holes, 1" steel rivets, 7/8" pitch.
Circumferential 1 1/2" holes, 1" steel rivets, 7/8" pitch.
Double Butt straps 1 1/2" thick.
Inside strap 1 1/2" thick.



- Stays in combustion chamber back.*
- 1 1/2" steel stays 1 1/2" off dia. with double nuts.
 - 1 1/2" steel stays 1 1/2" off. Nuts at both ends.
 - 1 1/2" steel stays 1 1/2" off. Riveted in chambers only.

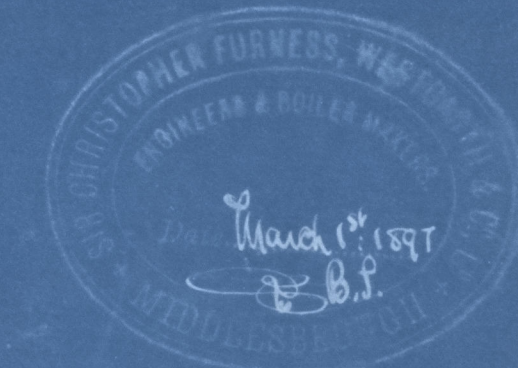
To Det Norske Veritas requirements for a working pressure of 160 lbs per square inch.

2 Off.

Scale 1 inch = 1 Foot.

STEEL BOILERS. No 123.

July 25th 1897. T.A.N.





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Foundation

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