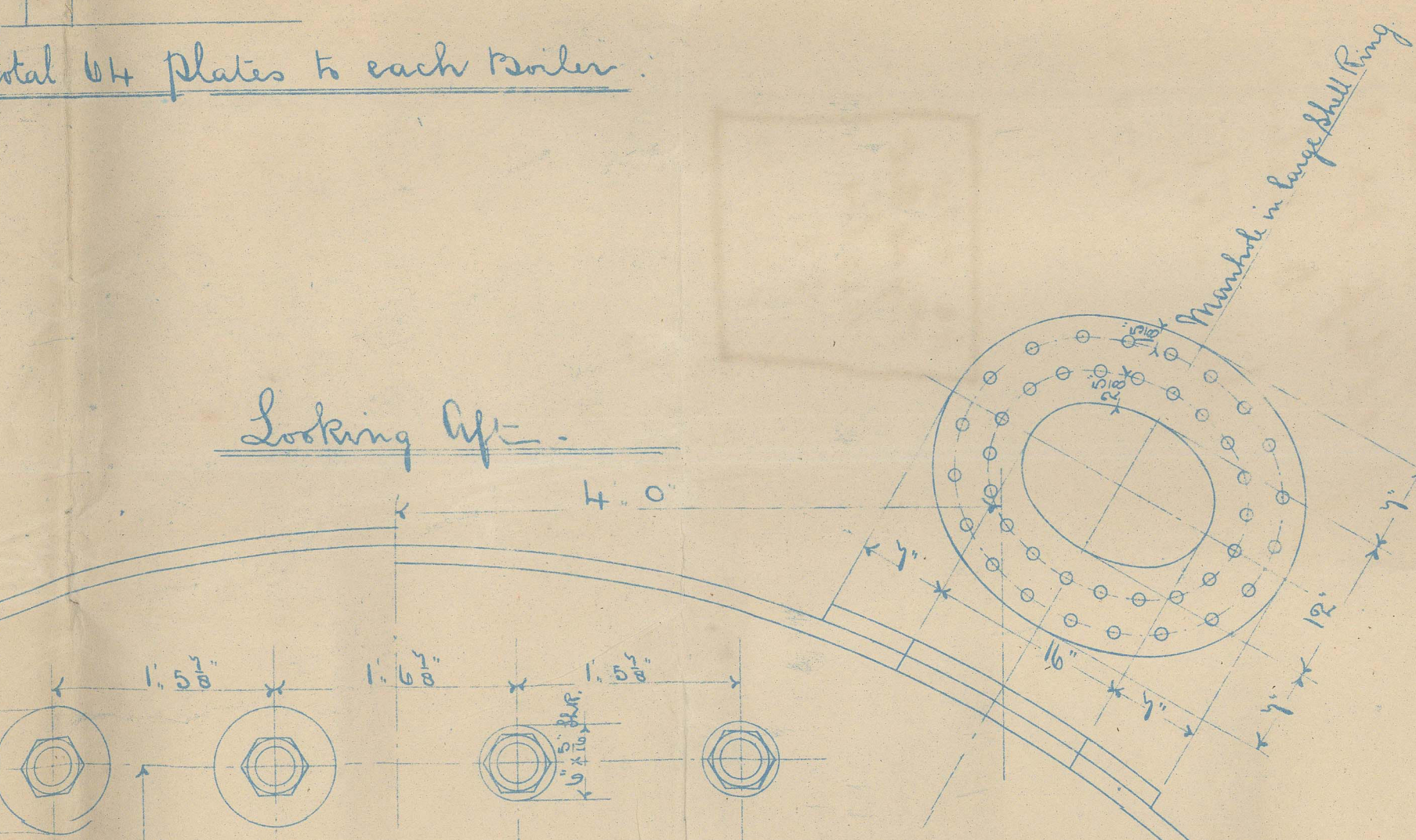
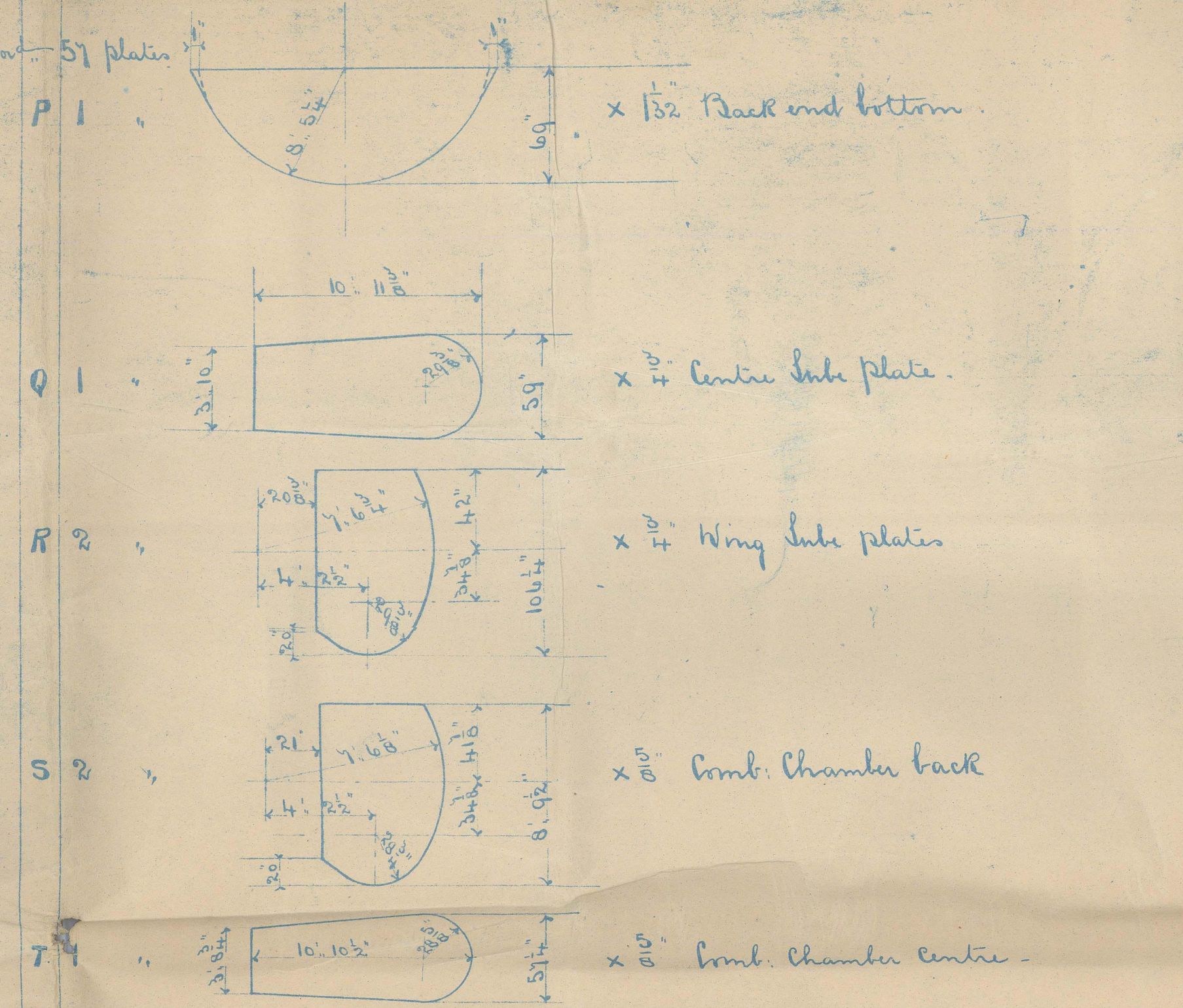
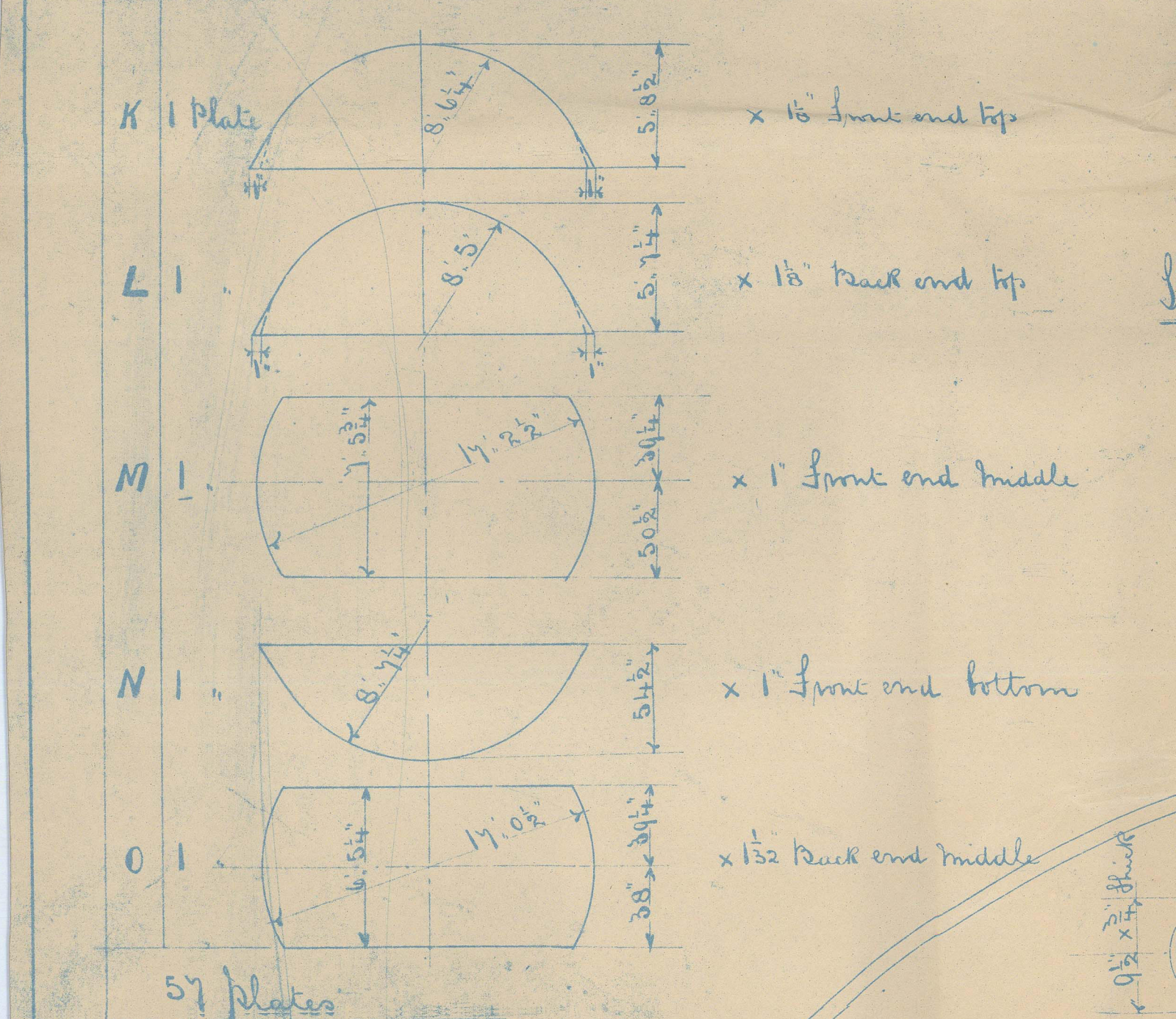


2-8-93

List of Plates

A	2	Plates	$24.68 \times 6.02 \times \frac{1}{8}$	Shell and back	Minimum shell thickness 20 lbs
B	2		$24.68 \times 6.02 \times \frac{1}{8}$	man	
C	1		$2.64 \times 2.24 \times \frac{1}{8}$	Manhole frame	
D	1		$1.62 \times 1.24 \times \frac{1}{8}$	door	
E	2		$1.74 \times 1.54 \times \frac{1}{8}$	Back manhole door	
F	2		$6.02 \times 1.44 \times \frac{1}{8}$	Back flaps	
G	2		$5.7 \times 1.44 \times \frac{1}{8}$		
H	2		$5.1 \times 2.04 \times \frac{1}{8}$		
J	2		$5.7 \times 2.04 \times \frac{1}{8}$		
K	2		$14.3 \times 2.98 \times \frac{1}{8}$	Comb. chamber top	
L	2		$20.0 \times 2.98 \times \frac{1}{8}$	Comb. chamber top	
M	2		$14.3 \times 2.98 \times \frac{1}{8}$	Comb. chamber top	
N	2		$20.0 \times 2.98 \times \frac{1}{8}$	Comb. chamber top	
O	2		$14.3 \times 2.98 \times \frac{1}{8}$	Comb. chamber top	
P	2		$2.98 \times 1.2 \times \frac{1}{8}$	Studs	
Q	2		$1.24 \times 1.04 \times \frac{1}{8}$	Right hole doors	



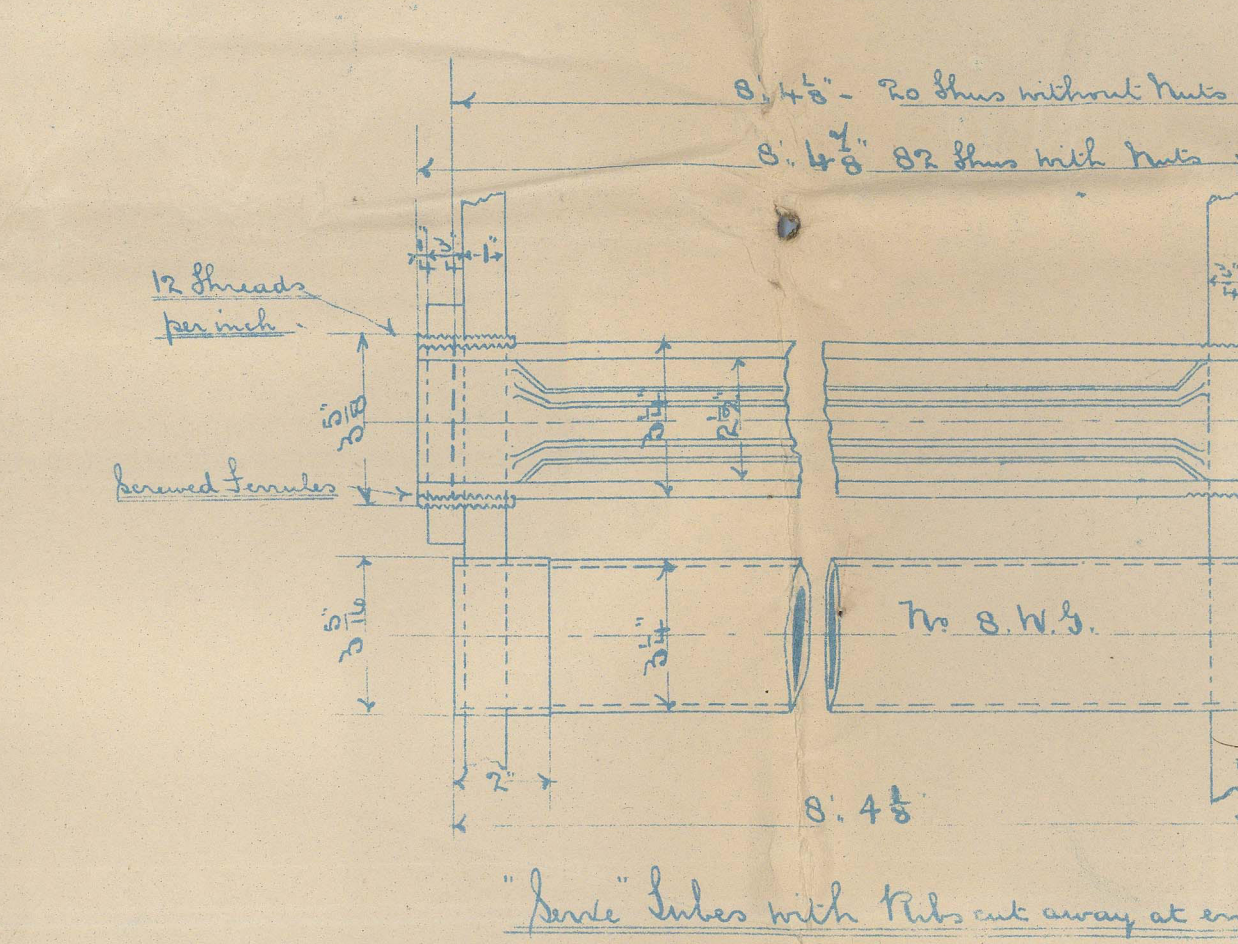
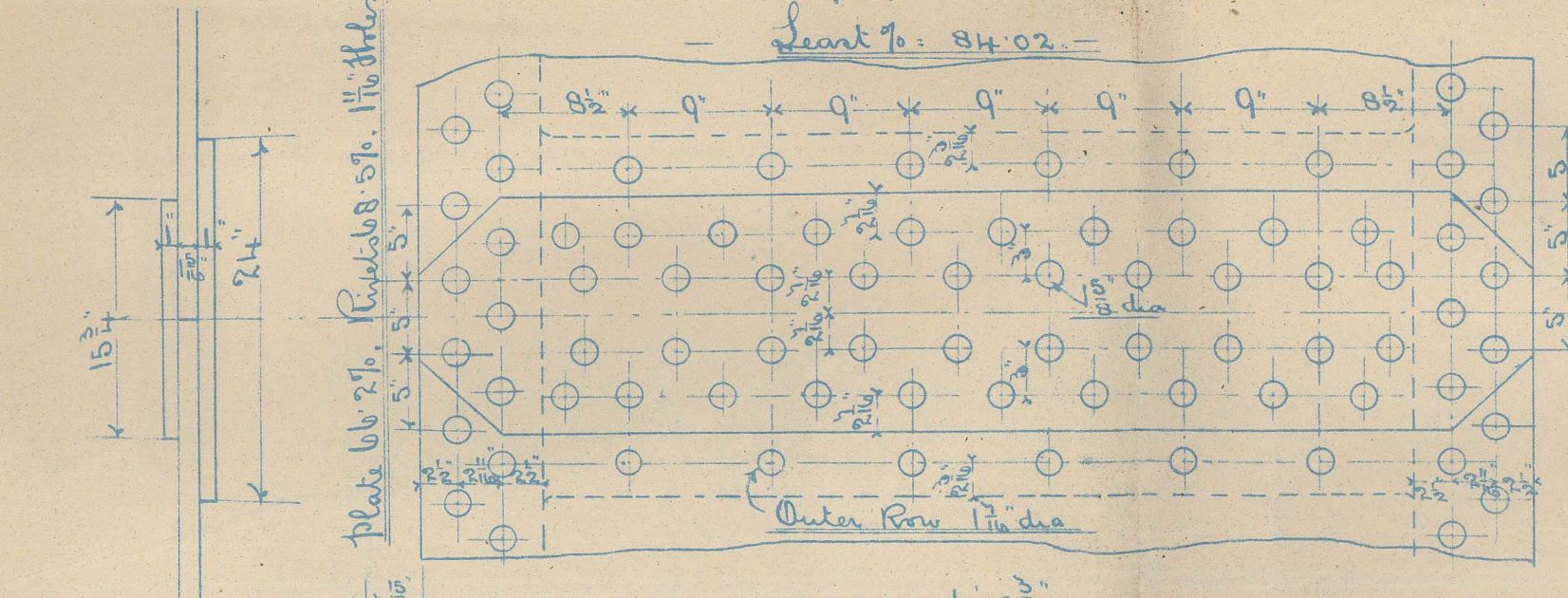
2 STEEL BOILERS

Working Pressure 160 lb. Sat. 220 lb. to 15 of 1 and Lloyd's survey.
All material of steel. All holes drilled in place where practicable.
Scale 1" = 1 foot.

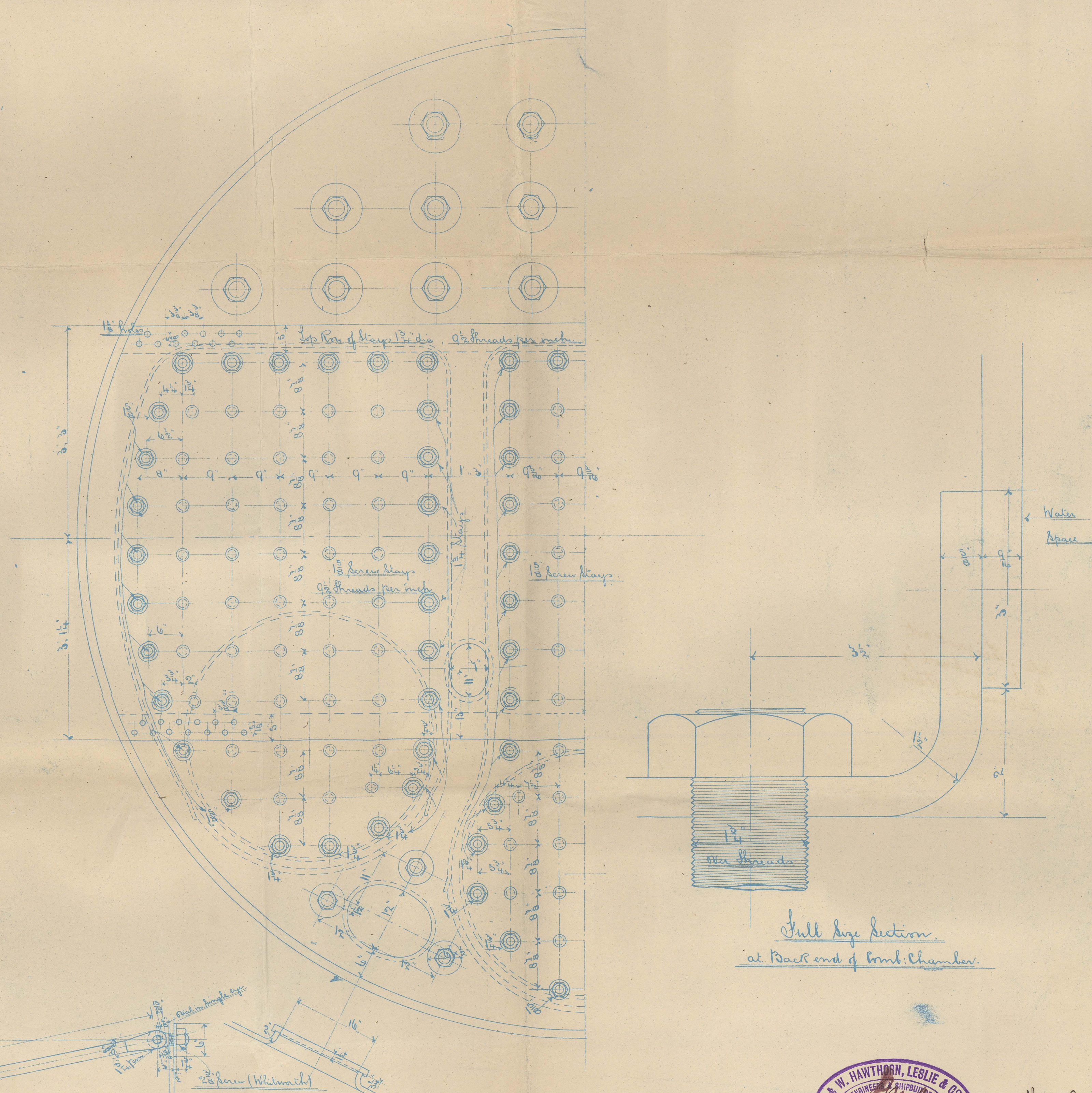
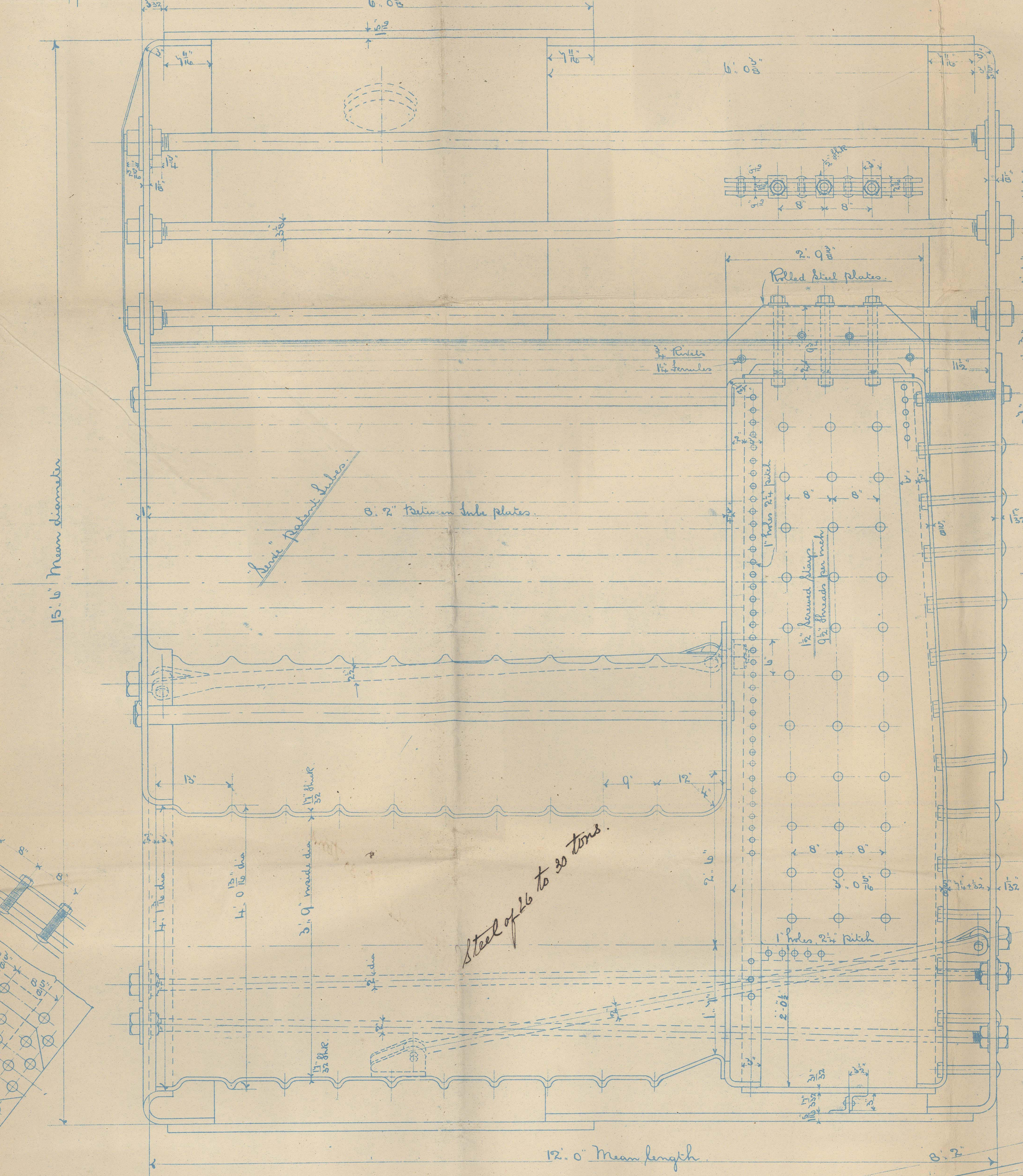
Heating surface in tubes	1911 x 2 = 3822 sq ft	Fire box surface	161 x 2 = 322 sq ft
Fire box surface	161 x 2 = 322 sq ft	Water	161 x 2 = 322 sq ft
Comb. Chamber	200 x 2 = 400 sq ft	Over this tubes	1092 x 2 = 2184 sq ft
Outer tube plate	42 x 2 = 84 sq ft	Steam Capacity	490 x 2 = 980
Total 4770 sq ft			

Boilers to work under induced draft

Minimum tensile strength of shell plates
to be 20 tons per sq inch
Percentage of Rivet sections 100-90.
Length 10.94.02



18	Plates 12.62 x 2.52 x 1/8" for Steam Space	Steel
19	12.62 x 2.52 x 1/8" for Water	Steel
20	12.62 x 2.52 x 1/8" for Manhole	Steel
21	12.62 x 2.52 x 1/8" for Manhole	Steel
22	12.62 x 2.52 x 1/8" for Manhole	Steel
23	12.62 x 2.52 x 1/8" for Manhole	Steel
24	12.62 x 2.52 x 1/8" for Manhole	Steel
25	12.62 x 2.52 x 1/8" for Manhole	Steel
26	12.62 x 2.52 x 1/8" for Manhole	Steel
27	12.62 x 2.52 x 1/8" for Manhole	Steel
28	12.62 x 2.52 x 1/8" for Manhole	Steel
29	12.62 x 2.52 x 1/8" for Manhole	Steel
30	12.62 x 2.52 x 1/8" for Manhole	Steel



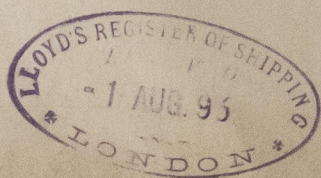
DRAWING N°8601

J.M.
1893



ENGINE N° 2274-5.

ENCLOSURE
FOR
Long
NW834.0081 7/2



2/1 1800 - 4582MM

Hawthorn Leslie & Co
Eng. No 2275-
Ship No 316
"Buckshire"
have report.
A 29 5 43

No 4175-
Hoy do test
1320 lbs
T F
25-9-93



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Lloyd's Register
Foundation