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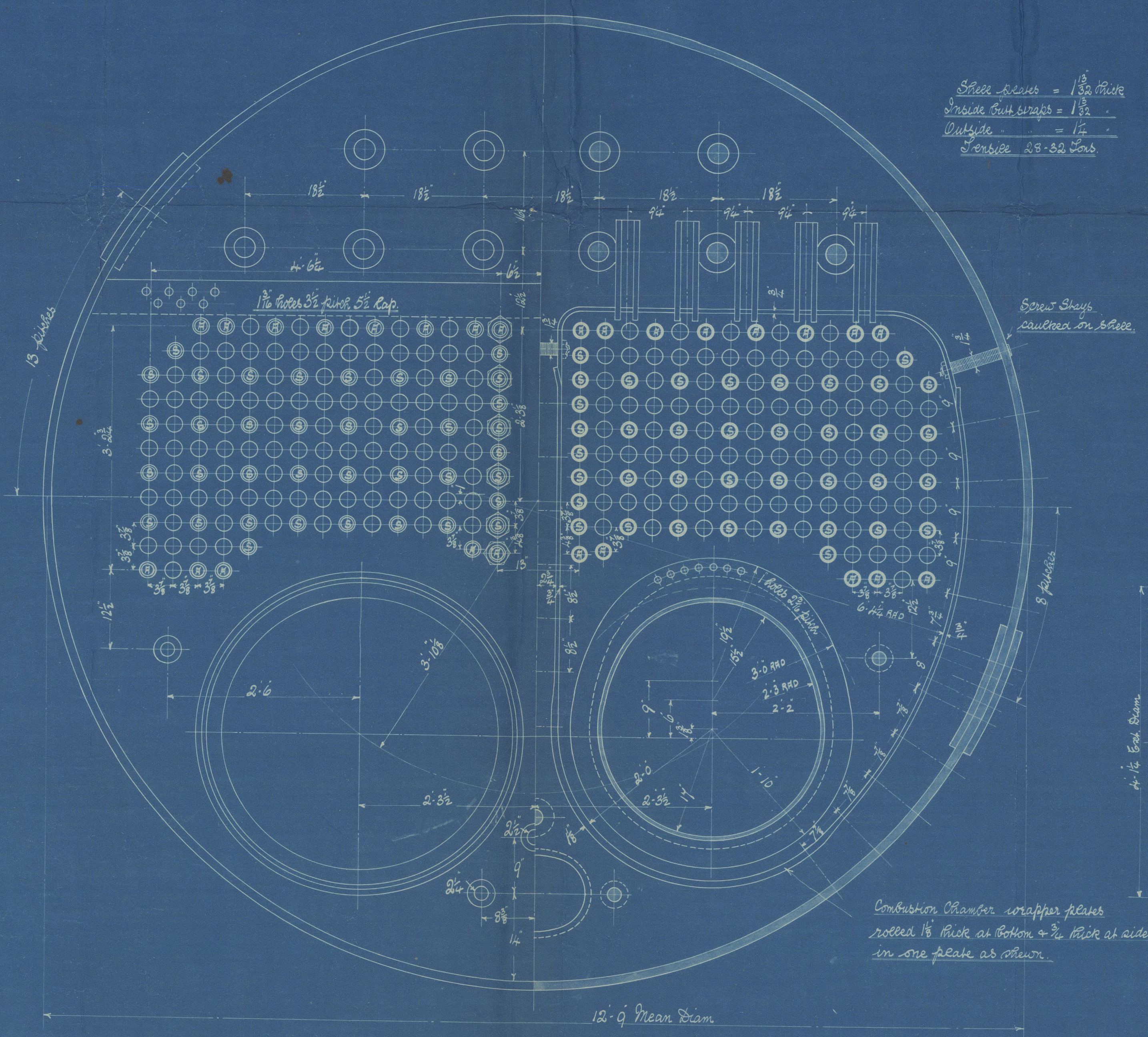
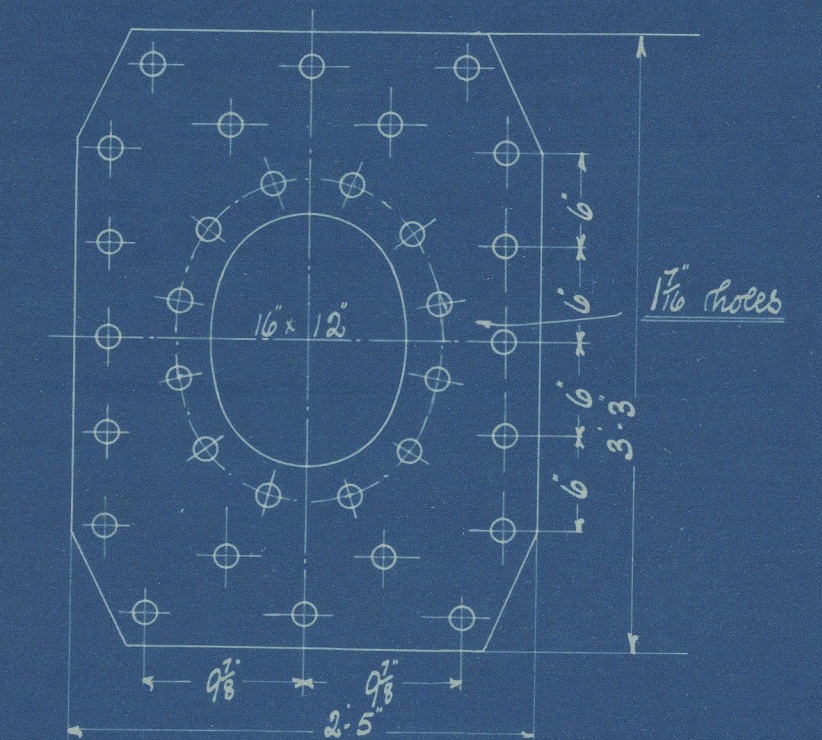
STEEL BOILER NO 605.B.

Working Pressure = 220 lbs per sq inch
 Test Pressure = 440 lbs per sq inch
 Name of Maker & Locals

Scale 1 inch = 1 foot

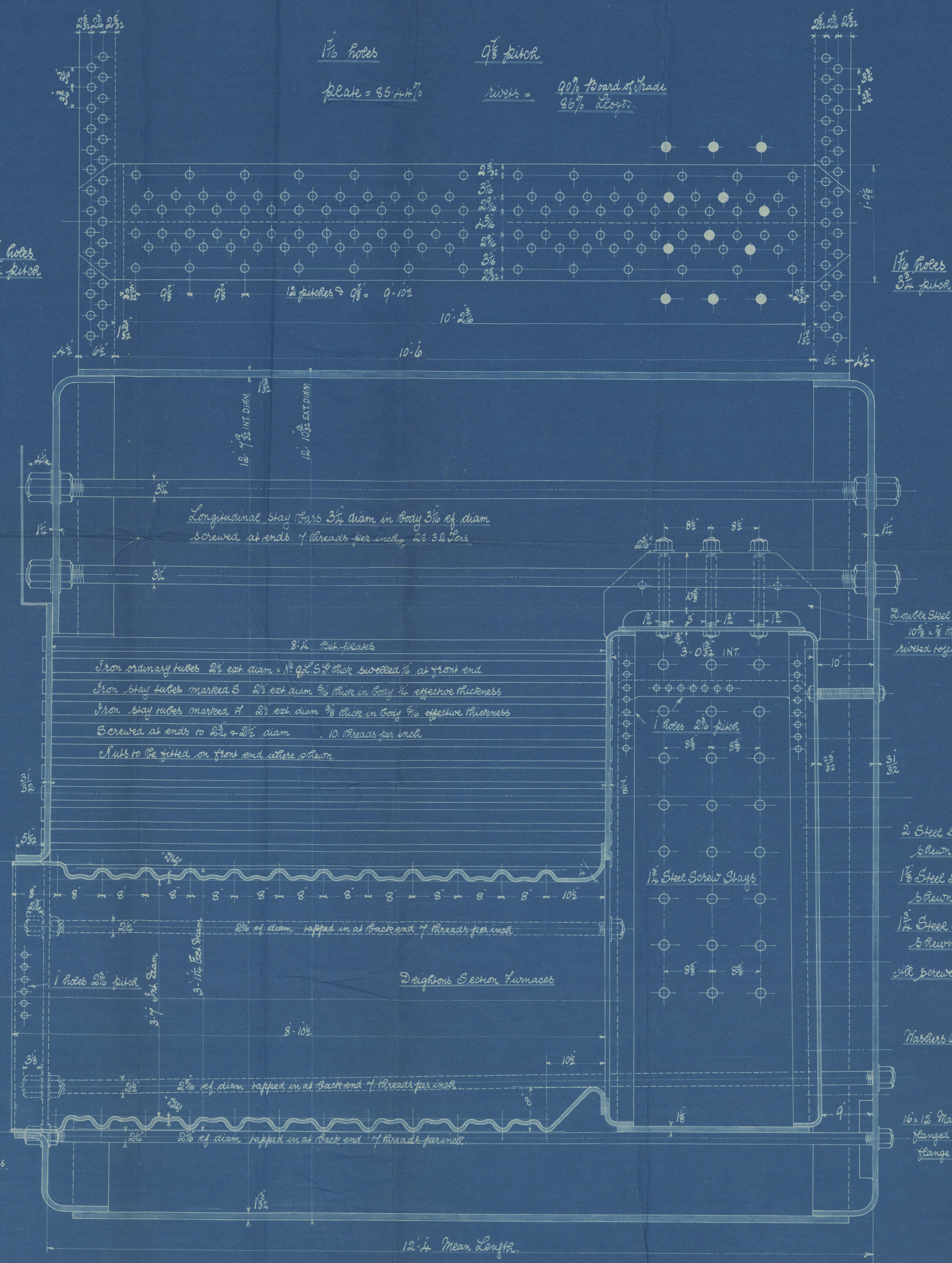
Note:
 All plates, rivets and stays to be of Siemens Martin Steel
 All rivet heads to be drilled in place after the plates are bent
 All flanged heads to be annealed after flanging
 The screw stays are 1 1/2 x 1/2 sq. diam. screwed into both
 plates and nutted as shown 10 threads per inch
 A manhole in steel 16 x 12 with 16 holes and longitudinal
 and a doubling plate 3.5 x 2.5 x 1 1/2 thick fitted round it.

Doubling plate round manhole
 1 1/2 thick



Steel plates = 1 1/2 thick
 Inside Outlets = 1 1/2
 Outside = 1 1/2
 Rivets = 20 x 20

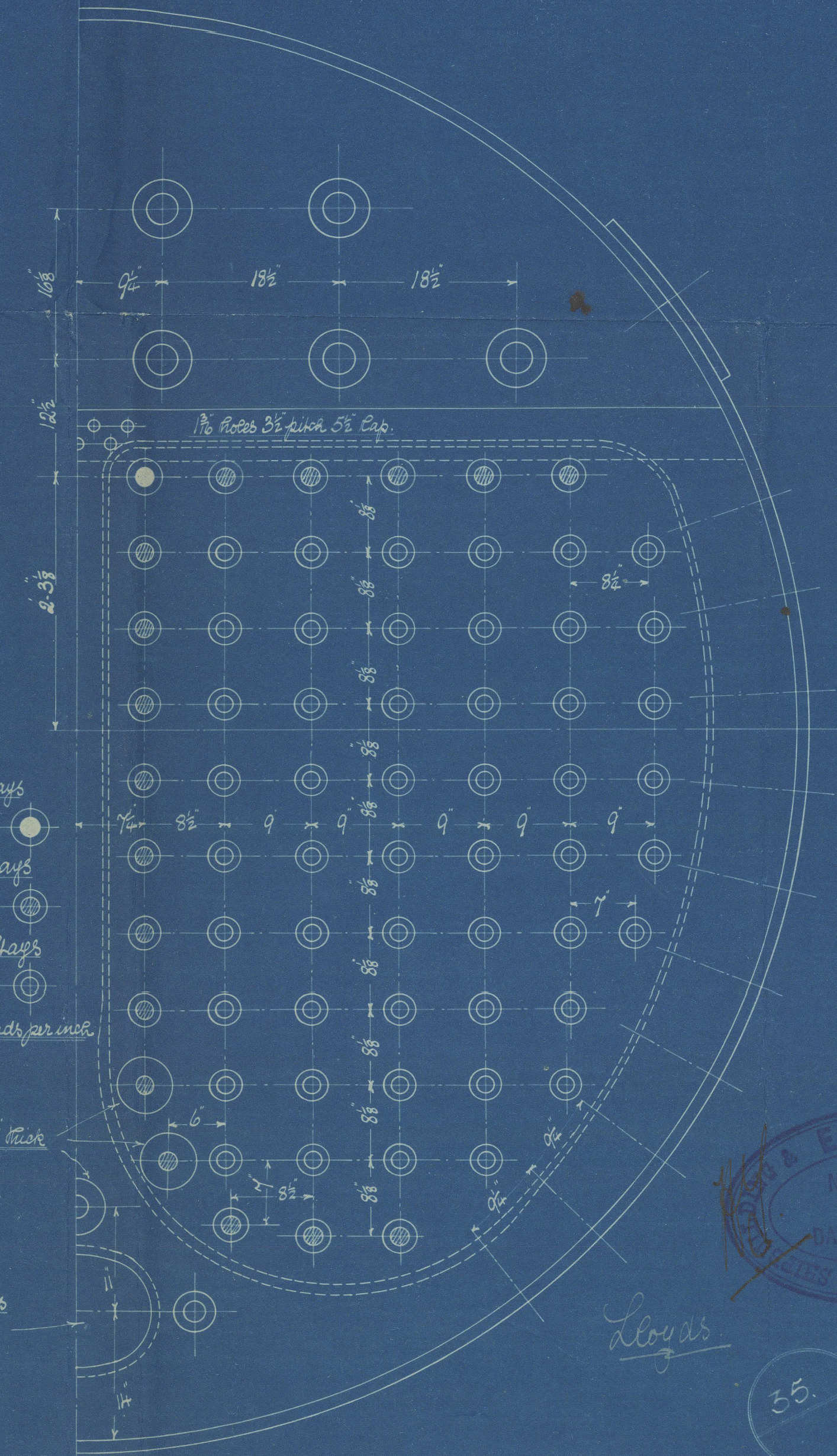
Combustion Chamber: wrapper plates
 rolled 1/2 thick at bottom & 3/4 thick at sides
 in one plate as shown



Longitudinal stay 3/4 inch diam. in body 3/4 inch diam.
 screwed at ends 10 threads per inch 20 lbs
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 10 inch flat plates
 12 inch flat plates
 14 inch flat plates
 16 inch flat plates
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DIMENSIONS

	1 Boiler 12 ft diam	1 Boiler 12 ft diam	1 Boiler 12 ft diam
LENGTH OF FIRE BAR	5' 6"	5' 6"	5' 6"
AREA OF FIRE GRATE	57 sq ft	111 sq ft	113 sq ft
DIAM OF TUBES OUTSIDE	8 1/2"	8 1/2"	8 1/2"
LENGTH OF TUBES	3' 4"	3' 4"	3' 4"
NO OF TUBES	266	778	778
AREA THROUGH TUBES	6' 10" x 7' 10"	14' 6" x 15' 6"	14' 6" x 15' 6"
SURFACE OF TUBES	1560 sq ft	4' 2" x 2' 2"	4' 2" x 2' 2"
TOTAL HEATING SURFACE	1890 sq ft	5' 1" x 6' 1"	5' 1" x 6' 1"
WORKING PRESSURE	220 lbs	220 lbs	220 lbs



17/2.10.
 22.5.1013
 FULL

NO 605.B.

27/5/13
 24/5/13

glmer

W907-0120



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Lloyd's Register
Foundation

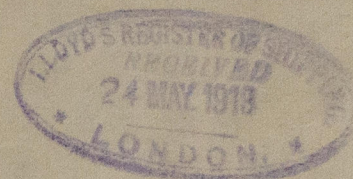
Messrs Earle's S. B. & Co. Ltd

BOILER N° 605B

Working pressure 220 lbs per square inch.

s/s Flaminian

Hull Rpt No. 27823



2094
Lloyd's test
440 lbs
5-6-14 FLS



RETAIN

W1907-0120



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