

2 STEEL BOILERS N^o 571&2 (FOR EACH SHIP)

Working Pressure = 165 lbs per square inch. Round of *Welder-Loyds*
Scale 1 inch = 1 foot

DIMENSIONS

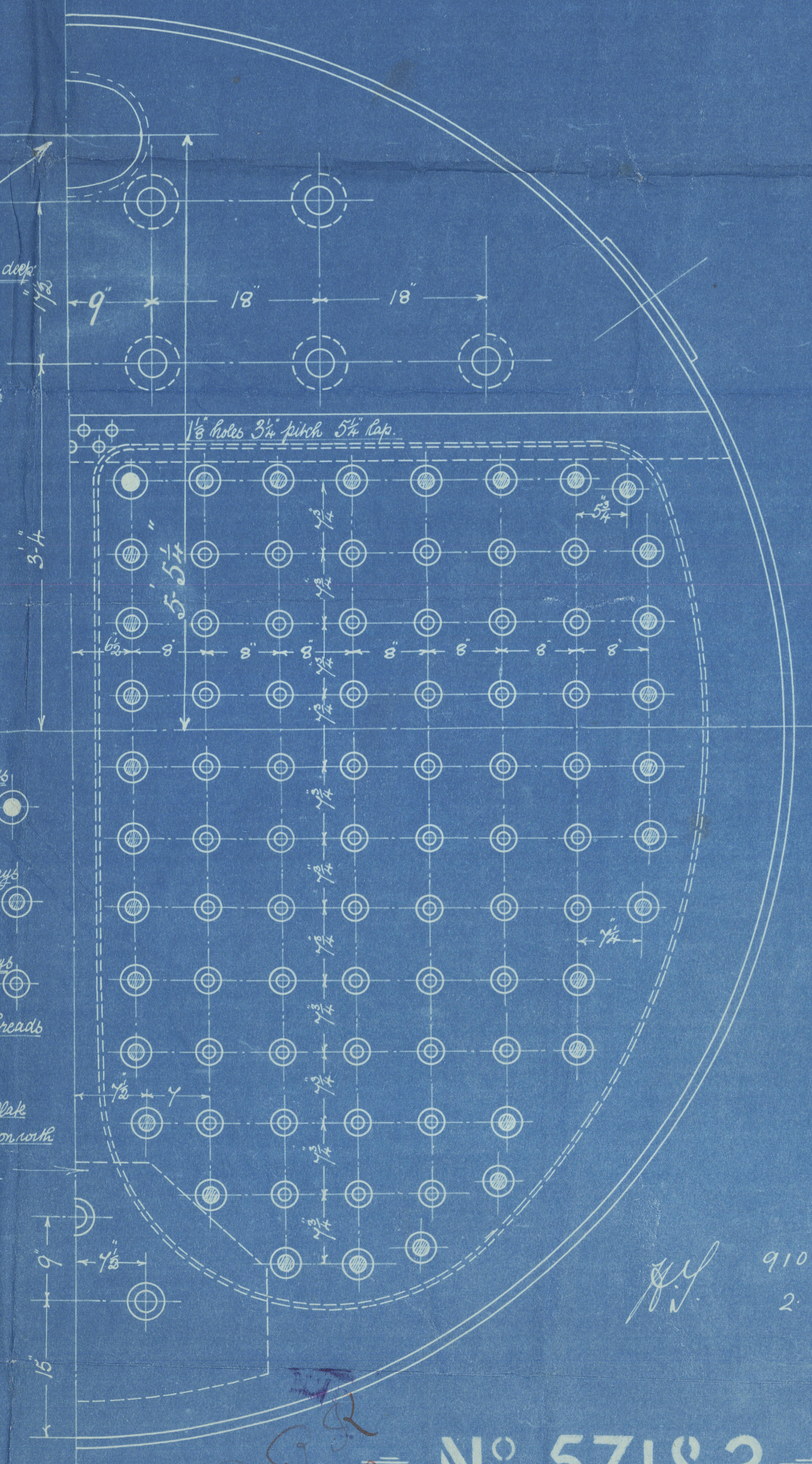
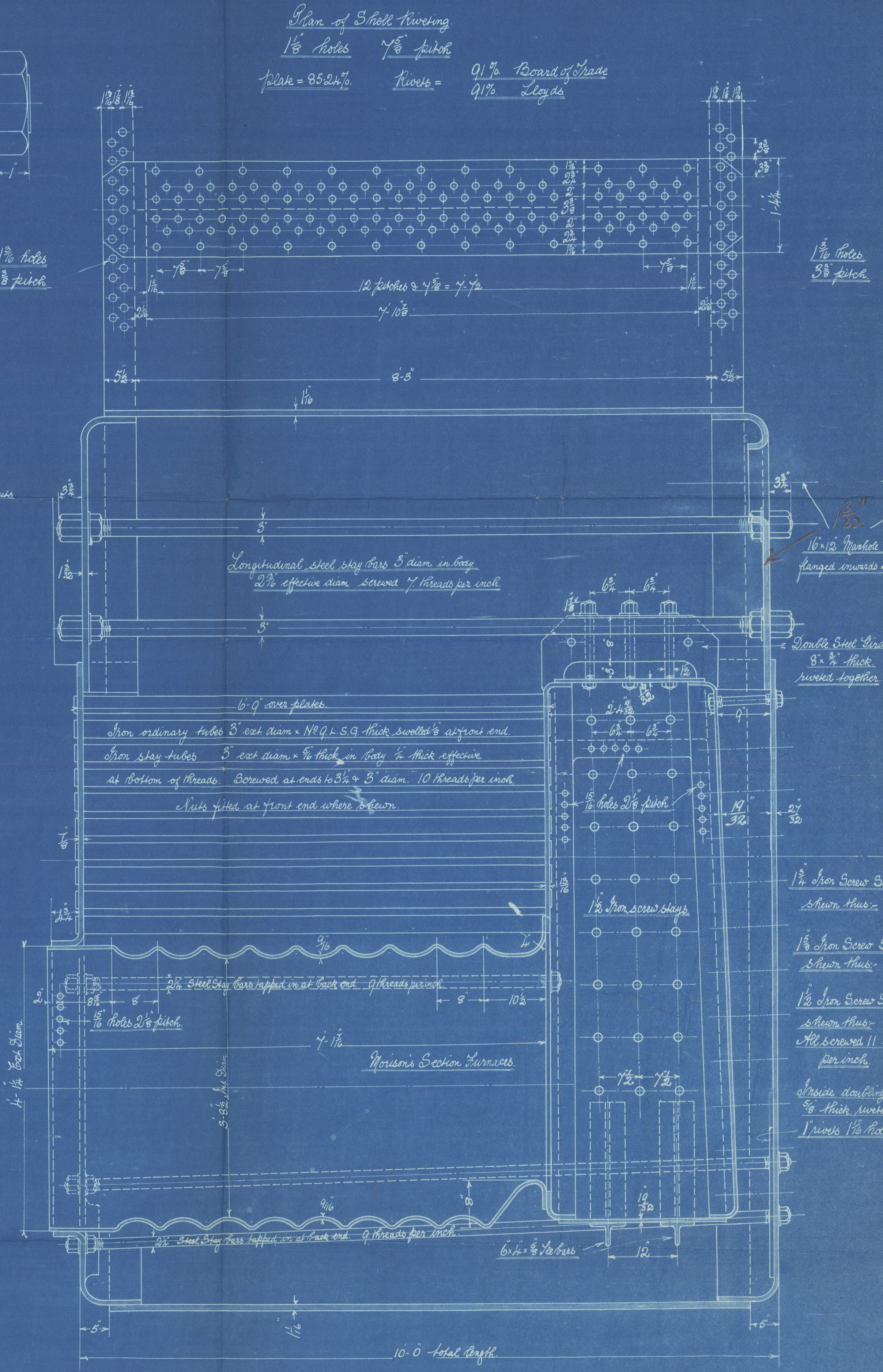
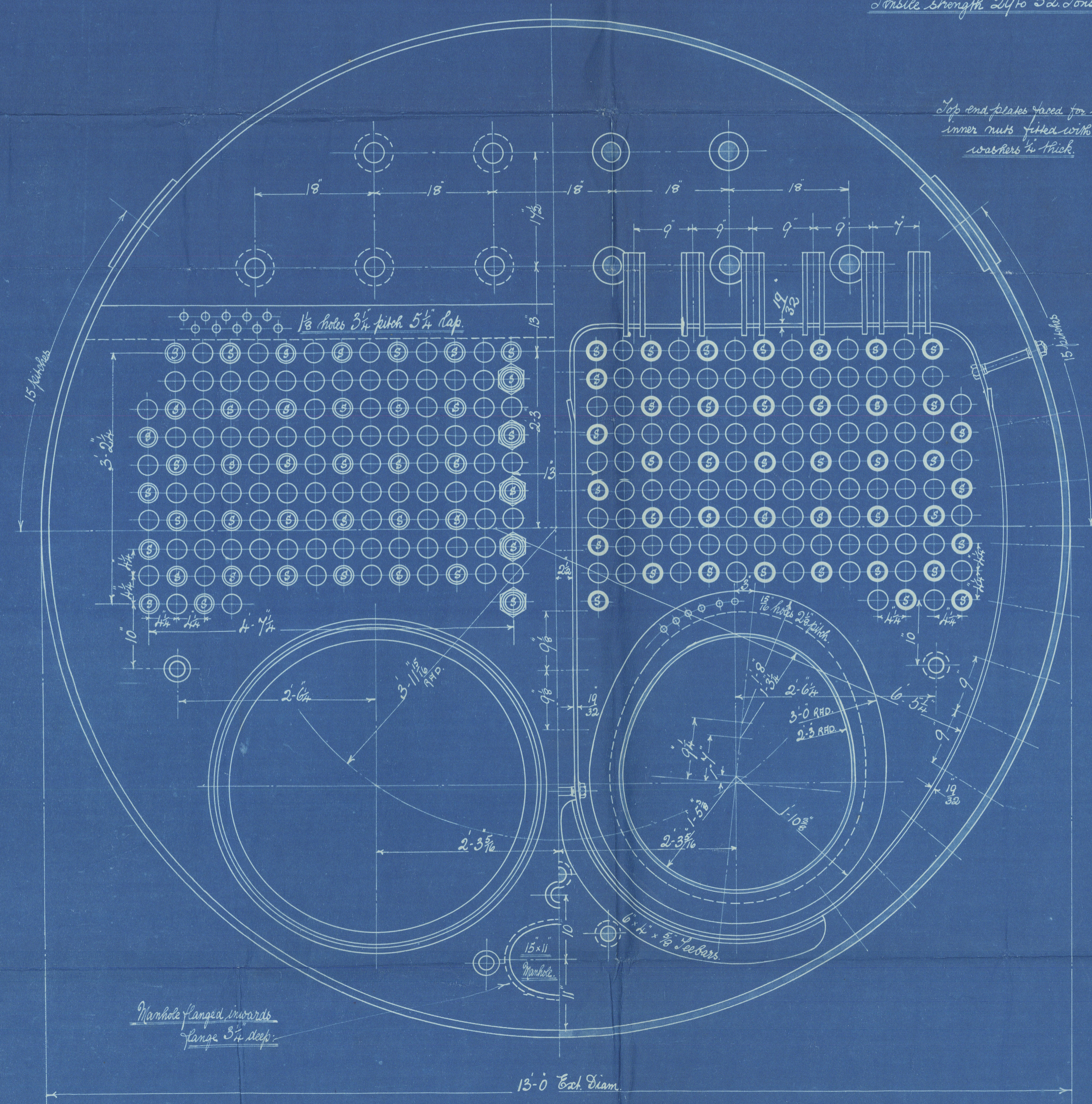
	1 Boiler	2 Boilers
LENGTH OF FIRE BARS	5'-9"	5'-9"
AREA OF FIRE GRATE	42.5 sq	85 sq
DIAM OF TUBES OUTSIDE	5"	5"
LENGTH OF TUBES over plates	6'-9"	6'-9"
N ^o OF TUBES	258	516
AREA THROUGH TUBES	45 sq	19 sq
SURFACE OF TUBES	1338 sq	2676 sq
TOTAL HEATING SURFACE	1600 sq	3200 sq
WORKING PRESSURE BTG WATER	165 lbs per square inch	

Note!
All plates riveted longitudinal stay bars to be of *Siemens Martin Steel*
All rivet holes to be drilled in place after the plates are bent
All flanged joints to be annealed after flanging
The screw stays are 1 1/8" dia effective diam of tested iron to have a tensile strength of not less than 2 1/2 tons per square inch and an elongation measured in a length of 10 of not less than 25%
screwed into both plates & nutted at both ends



N^o of Stays 2 off 1/4" diam over threads H turned between plates B to 1/8" diam
in 60 - 1/8" - - - - - B 1/2" -
1 Rivet 1/16" - 1/2" - - - - - H - - - - - B 1/8" - 1/8" holes
3/8" pitch

Shell Plates 1/8" thick
Inside butt straps 1/8" -
Outside " " 1/8" -
Inside strength 20 to 32 tons



James Barclay 88A
1/10

9116 B
4-2-1910
Lloyd's

N^o 571&2

9104 B
2.2.1910

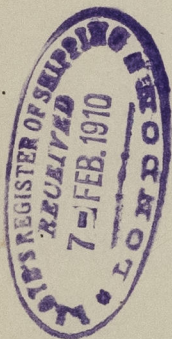
Messrs Earles & Co

No. 541. 2

Le. Sr. Normandy

No 1445
Lloyds List
330 lbs
J.B.
30.5.10

Hull Report No. 22736



s/ Britany

Hull Report

No 22923

W1544-0099



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