

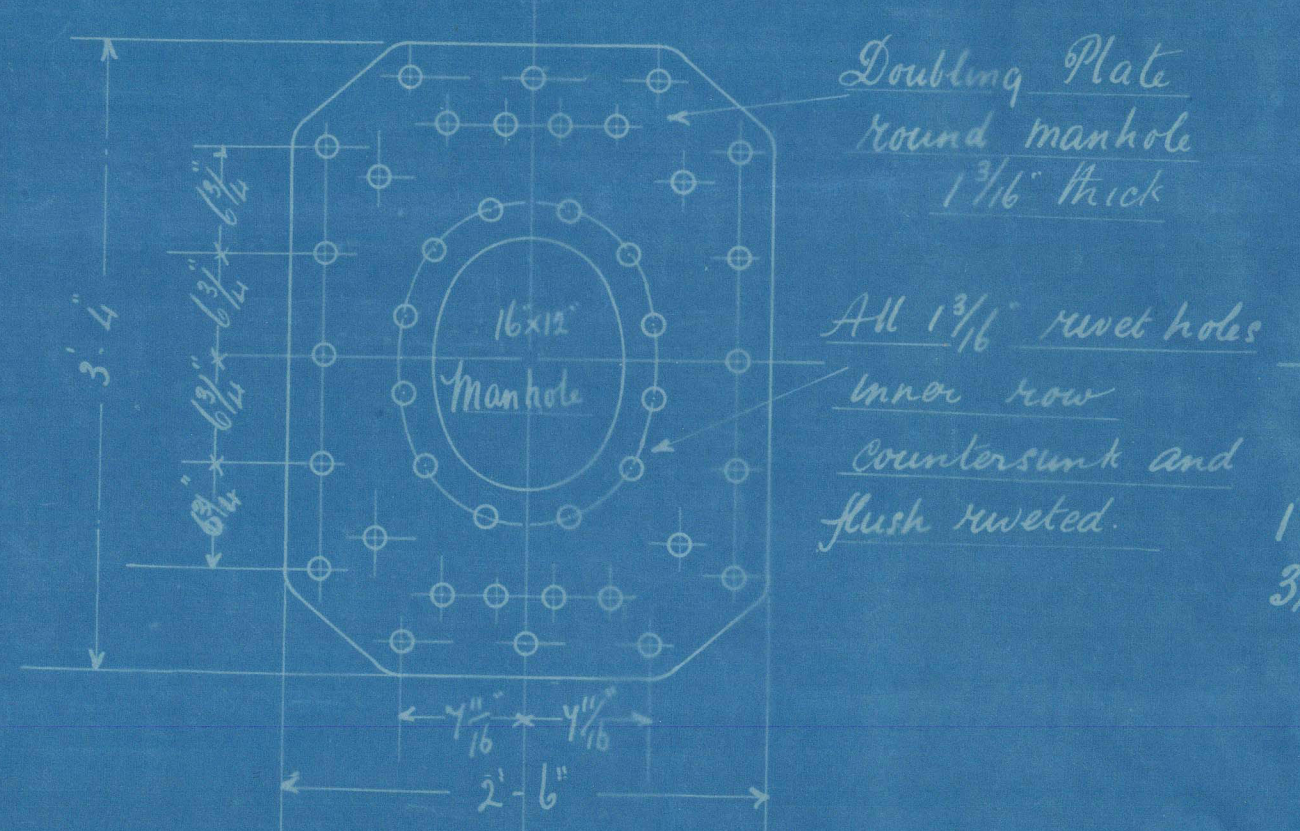
11: 5: 06

STEEL BOILER N^o524

Working Pressure 200 lbs (Lloyds)

Scale 1" = 1 Foot

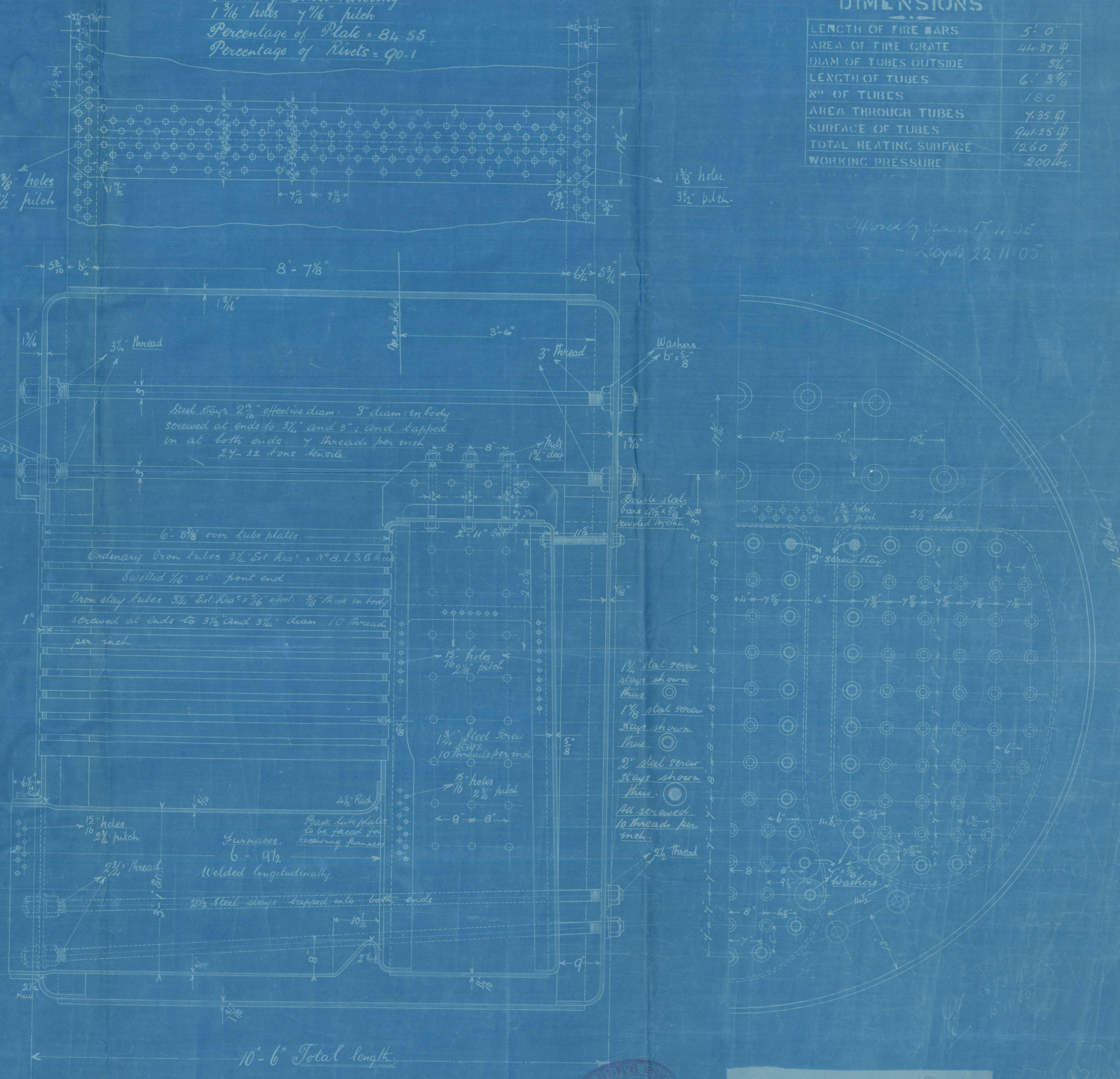
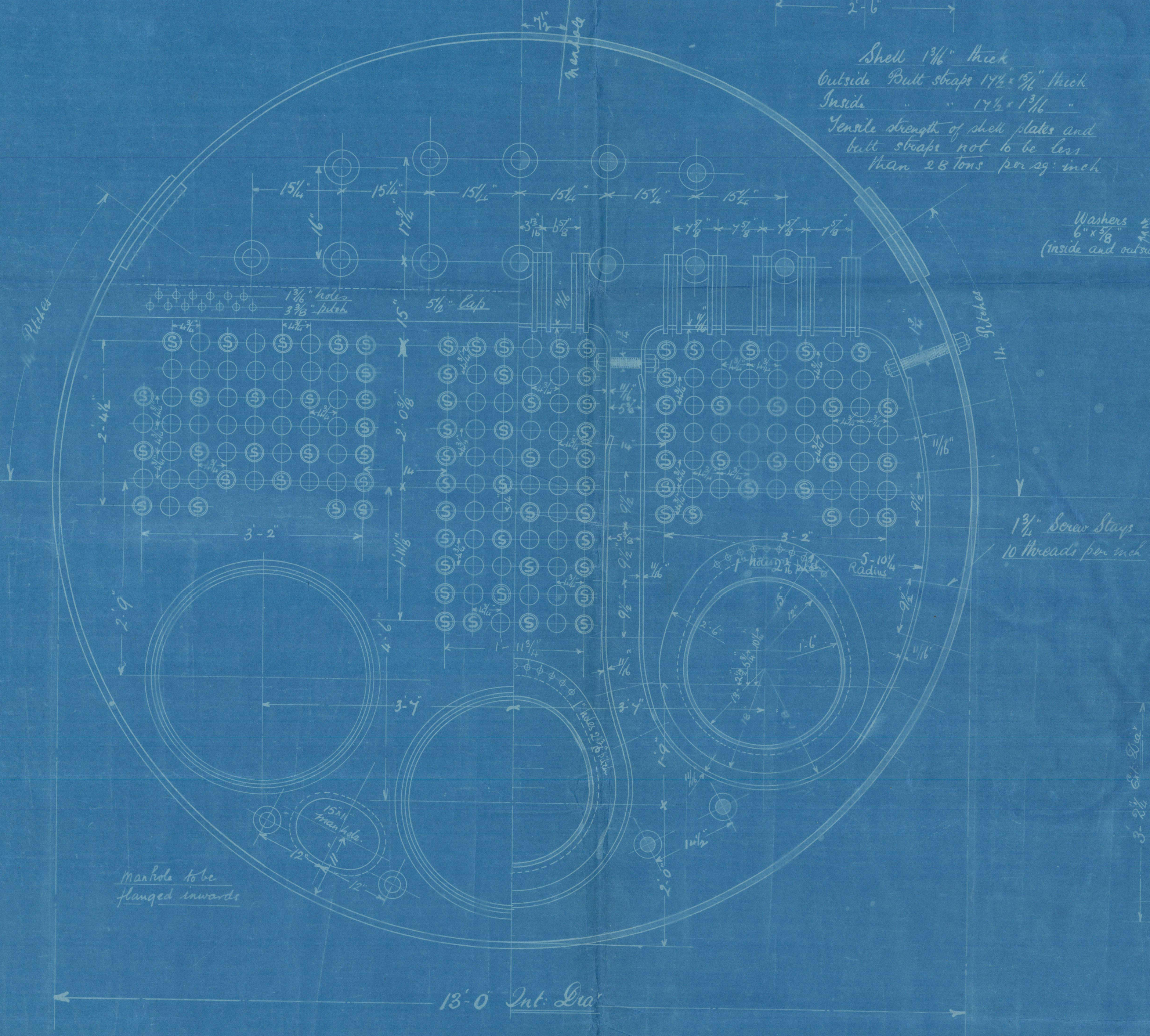
Note. All plates, stays, and rivets to be of Siemens Martin steel. All rivet holes throughout the boiler to be drilled in place after the plates are bent. The screw stays are 1 1/8", 1 1/2", and 1 3/4" eff. dia. screwed into both plates and nutted at each end, screwed 10 threads per inch. The tubes are of iron, the ordinary ones are 3 1/2" int. dia. x 1/2" thick, the stay tubes are 2 1/2" int. dia. x 3/8" thick eff. dia. screwed at ends to 3 1/2" and 3 1/4" diam. A manhole in shell 16 x 12 with holes are longitudinally, and a doubling plate 3 1/4 x 2 1/2 x 1 1/8" thick fitted round it.



Plan of Shell riveting
1 1/8" holes 7/16" pitch
Percentage of Plate = 84.55
Percentage of Rivets = 90.1

DIMENSIONS	
LENGTH OF FIRE BARS	5'-0"
AREA OF FIRE GRATE	44.27 sq
DIAM OF TUBES OUTSIDE	3 1/2"
LENGTH OF TUBES	6'-3 3/8"
N ^o OF TUBES	180
AREA THROUGH TUBES	7.35 sq
SURFACE OF TUBES	94.25 sq
TOTAL HEATING SURFACE	1260 sq
WORKING PRESSURE	200 lbs.

Offered by Simon 17.11.05
Lloyds 22.11.05



18/11/06
10.5.06
62670
8-5-06
Lloyds

N^o 524

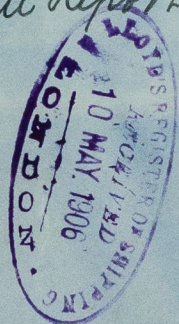
Messrs
Earles & Co

Boiler No. 524

S. H. Spider

No. 1516
Lloyds Test
400 lbs.
J.B.
20. 10. 06

Hull Report No. 18488.



RETAIN



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Lloyd's Register
Foundation
W1588-0103