

26/1/11

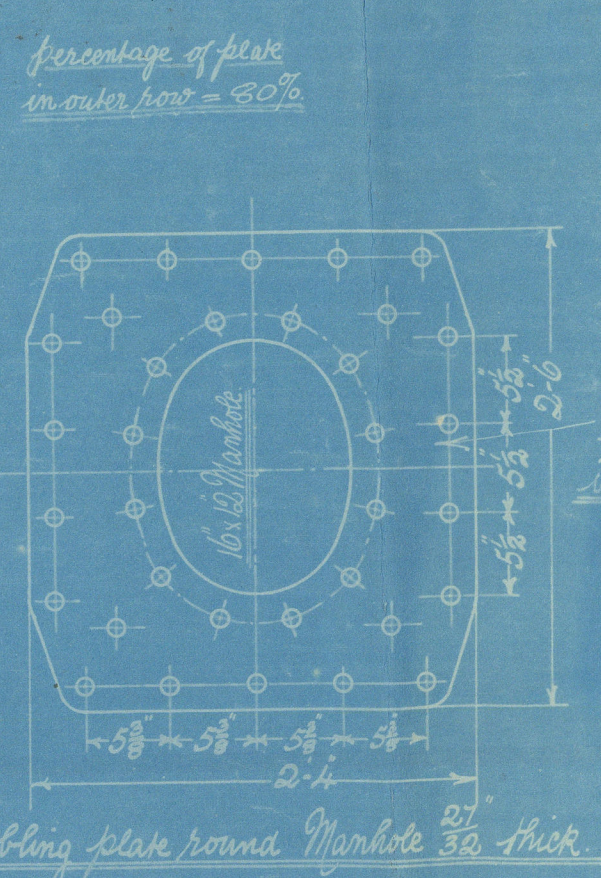
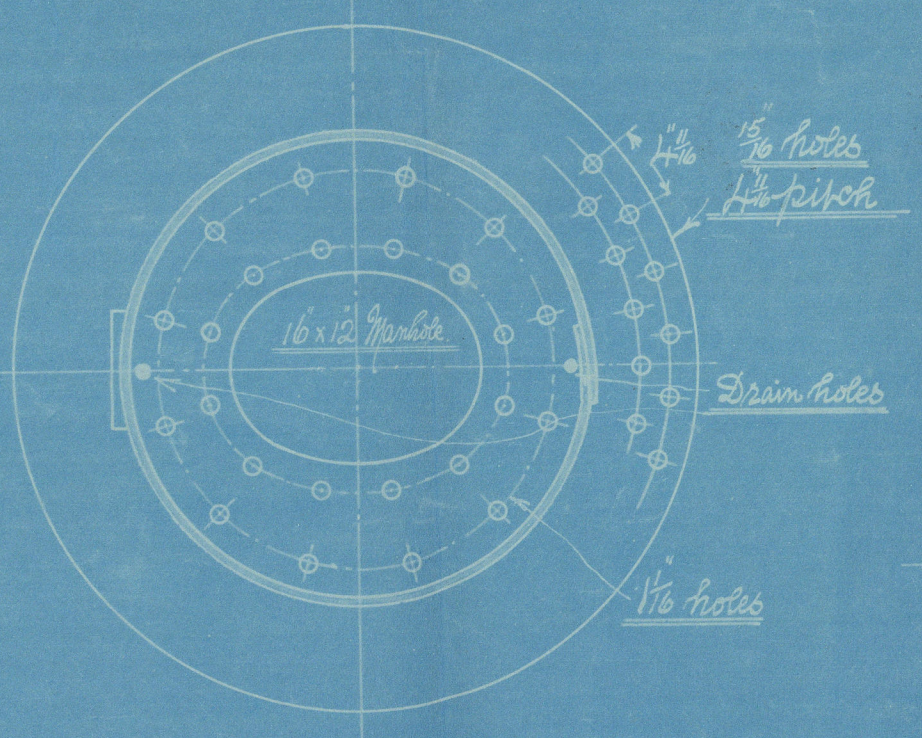
STEEL BOILER No A 148-9

Working Pressure = 160 lbs (Lloyds)
 Single Wheel = 1 Foot

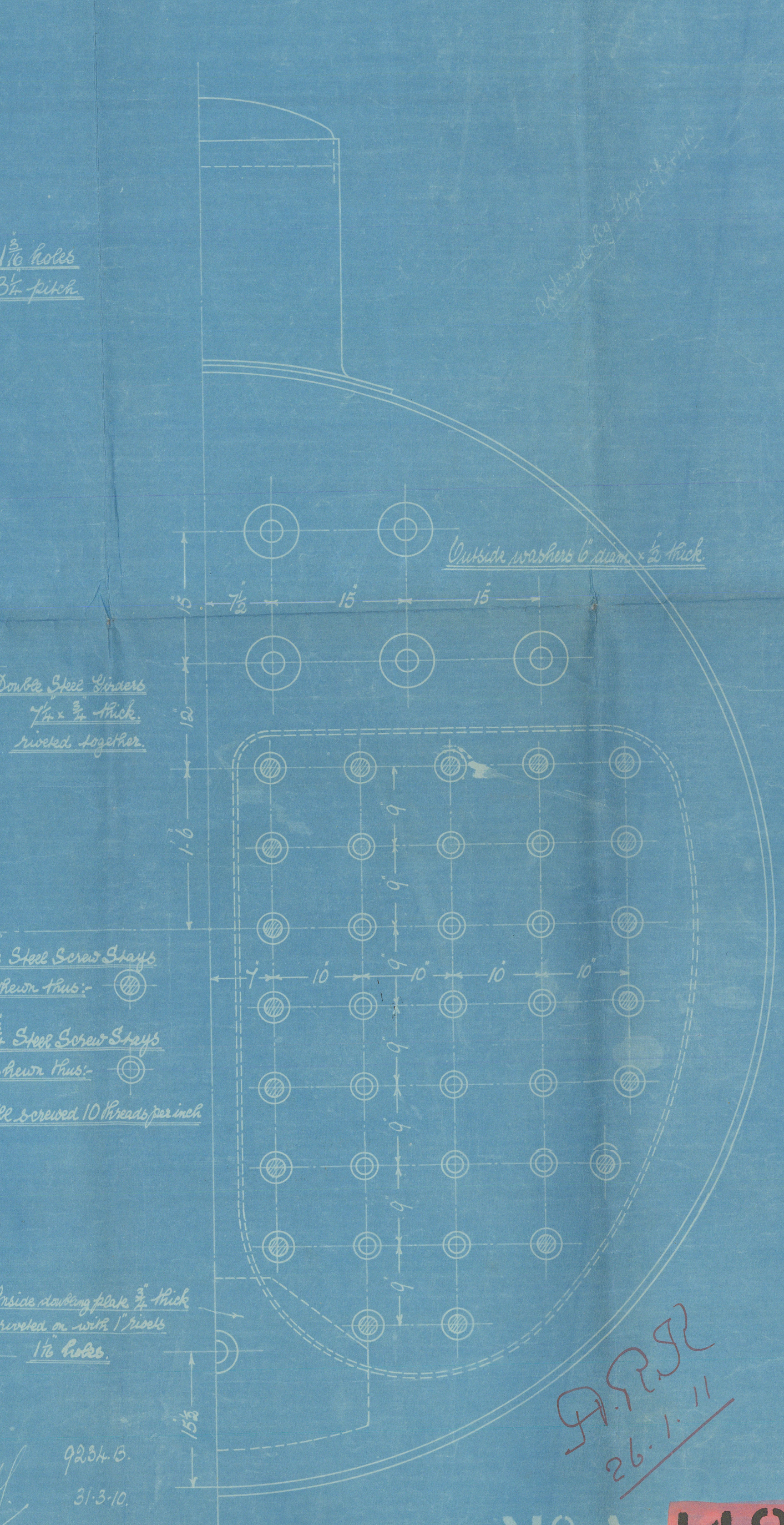
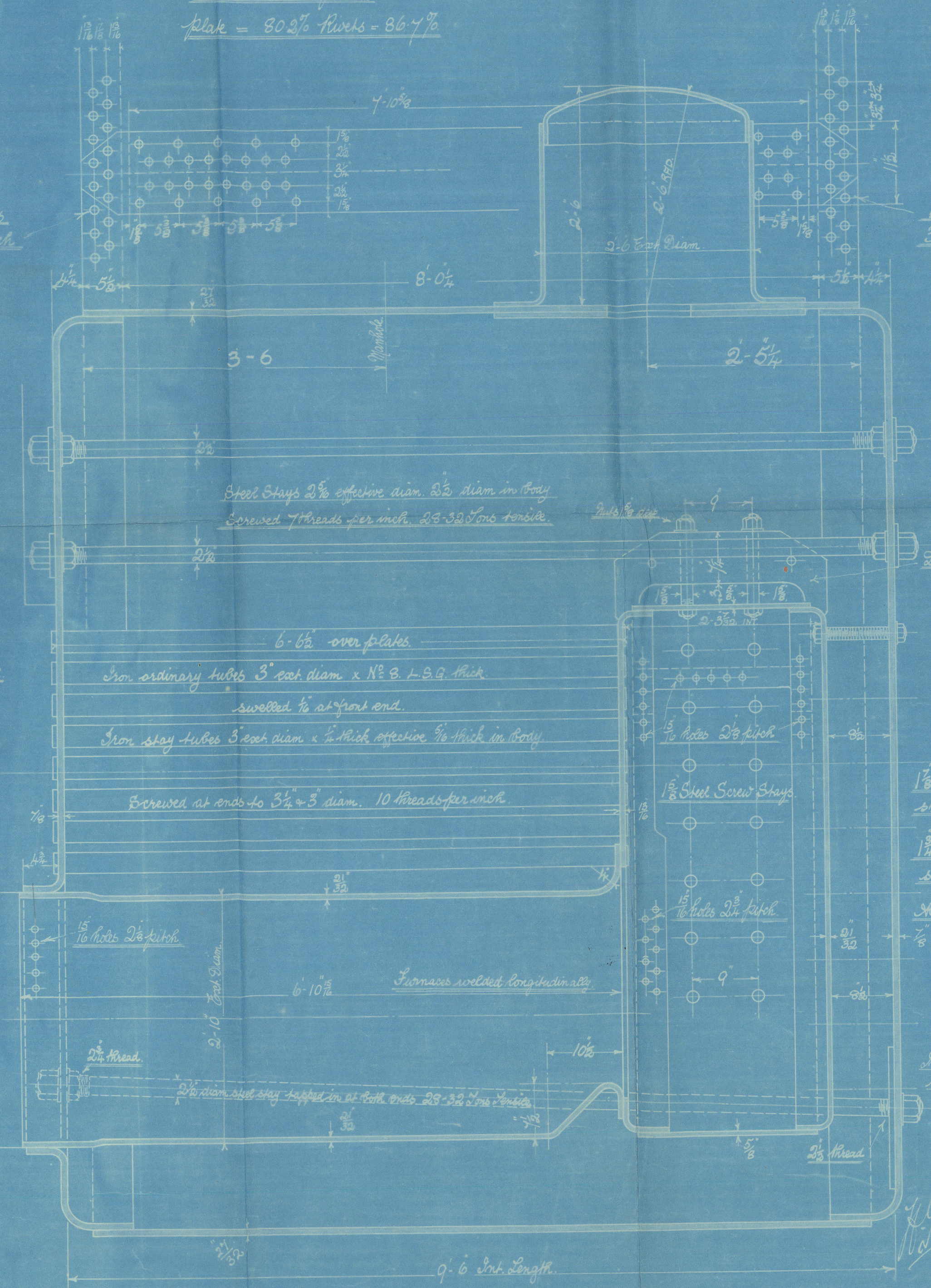
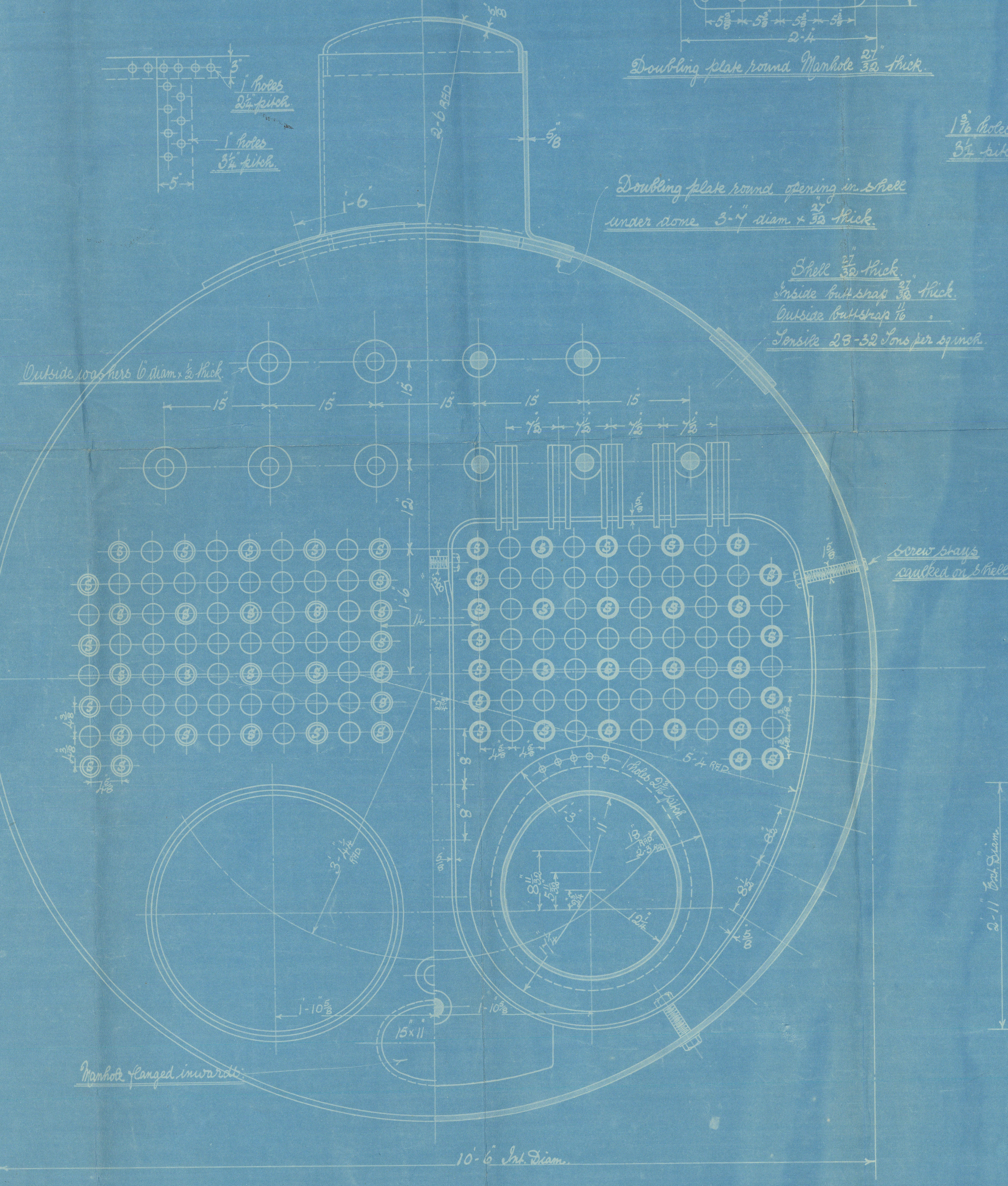
DIMENSIONS

LENGTH OF FIRE BARS	4'-6"
AREA OF FIRE GRATE	24.5 sq
DIAM OF TUBES OUTSIDE	3"
LENGTH OF TUBES over plates	6'-6"
Nº OF TUBES	142
AREA THROUGH TUBES	5.2 sq
SURFACE OF TUBES	716 sq
TOTAL HEATING SURFACE	900 sq
WORKING PRESSURE	160 lbs

Note:
 All plates rivet to stay bars to R of Siemens Pacific Steel.
 All rivets 3/8" diameter. The boiler to be riveted in place after the plates are bent.
 The screw stays are 1 1/2" dia square diam secured into both plates
 & riveted as shown. All rivets in plates 10" dia with square ends
 longitudinal & a doubling plate 2'-6" x 2'-6" x 3/8" thick riveted at
 the corners plates to be connected after flanging.



Plan of Shell Riveting
 1/2" holes 5/8" pitch
 plate = 80% rivets = 86.4%



9873
 26.1.11
 No A 148-9

9873 B
 24.1.1911
 Lloyd's

Boilers Nos. 148. 149
Messrs Earles & Co
Sec. H. Duster.
Hull Rpt No 23946

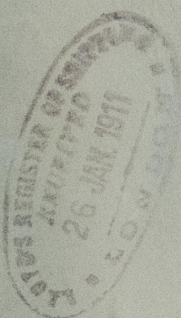
No 1815

Lloyds Test

320 lbs.

J.B

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Lloyd's Register
Foundation

W431-0208