

## MARINE ENGINES N° 1905.

BOILERS. 2-OFF.

SCALE 1 INCH TO A FOOT.

180 LBS. W. P.



W433-0080 1/2

MARINE ENGINES N<sup>o</sup> 1905.

1907

1908

Richardson, Duck & Co.  
678%

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679%

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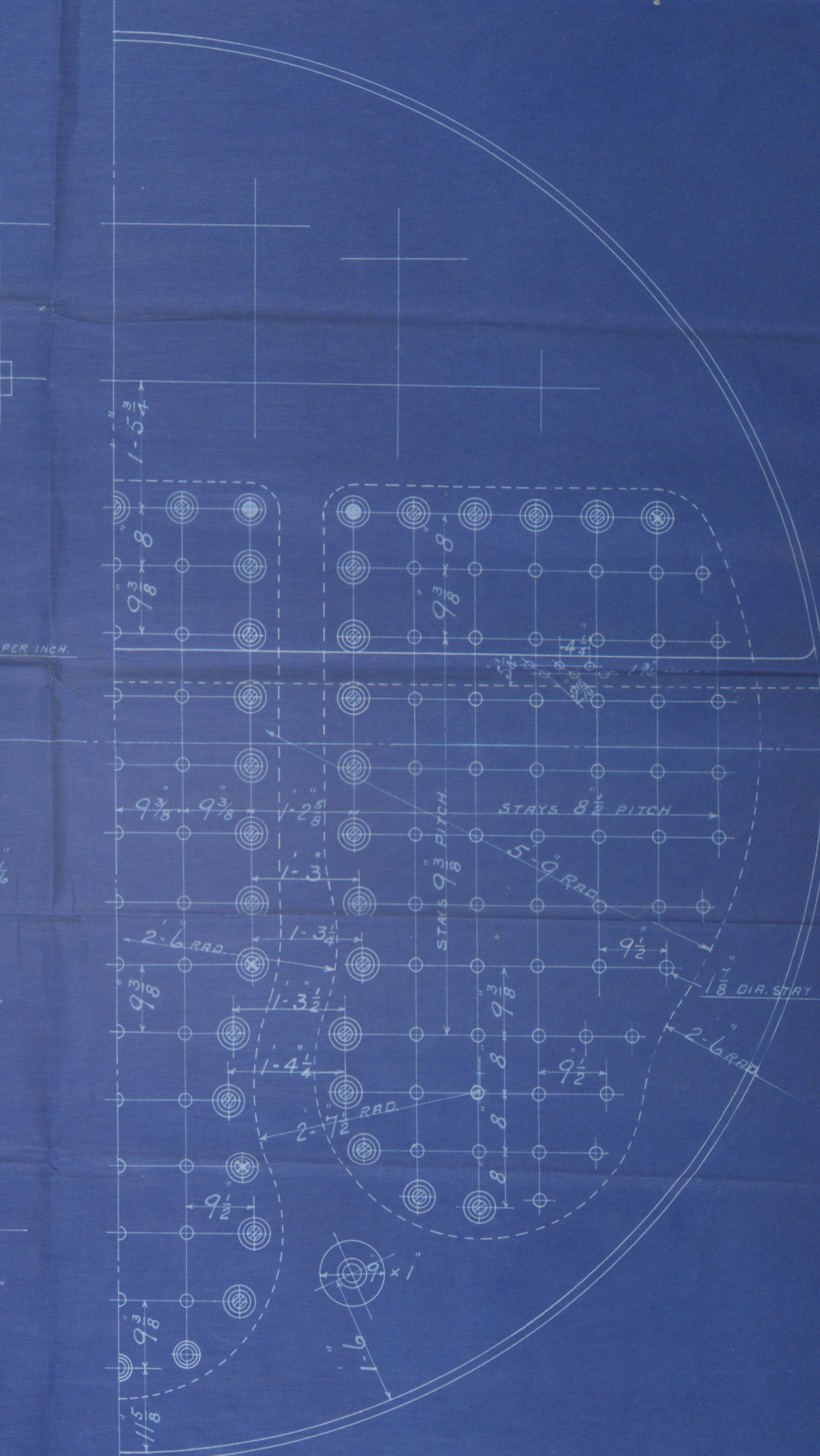
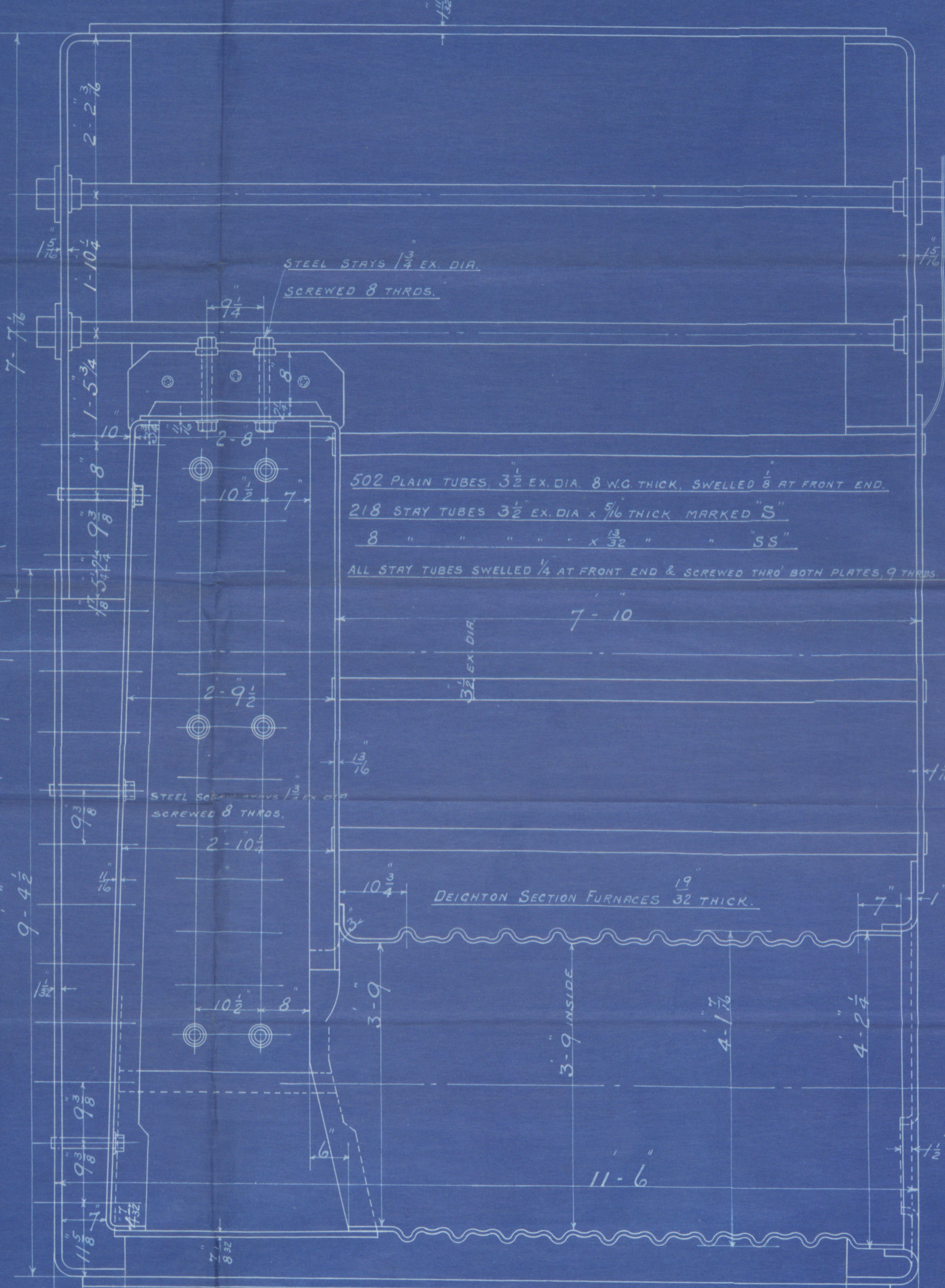
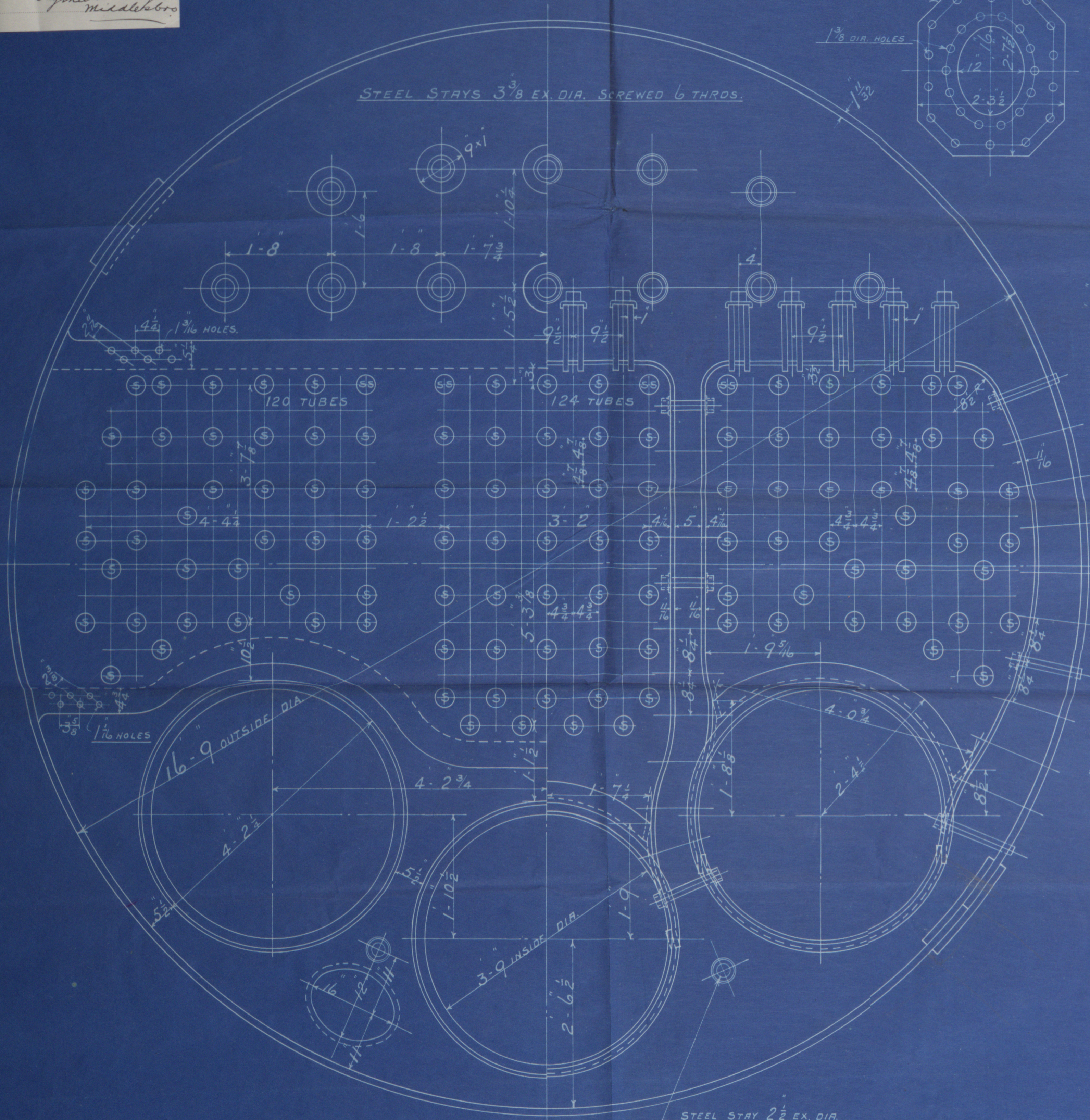
BOILERS & MOUNTINGS TO LLOYD'S REQUIREMENTS & TESTS, HYDRAULIC TEST INCLUDED.

From BLAIR & CO., Ltd.,  
STOCKTON-on-TEES.

For Enclosure to

Messrs. Lloyd's  
Engineers & Surveyors  
Liverpool

W433-0050-14



TOTAL HEATING SURFACE IN TWO BOILERS. 6066' SQ. FT.

TOTAL GRATE SURFACE IN TWO BOILERS. 137' SQ. FT. (6.0 BARS)

THE MINIMUM TENSILE STRENGTH OF SHELL & GIRDER PLATES IS TAKEN AT 28 TONS PER SQ. INCH.

STEEL SCREW STAYS MARKED ● ARE 2 1/2" EX. DIA. NUTTED.

" " " " " 2 " " "

" " " " " THUS: 1 7/8 " " "

OTHER STEEL SCREW STAYS ARE 1 3/4" EX. DIA. PROJECT 3/8" THRO' PLATE & CAULKED.

ALL SCREW STAYS ARE 8 THRS. PER INCH.



2 main each vessel  
 Messrs Blair & Co Ltd  
 Boilers No. 1905-1907+1908  
 for  
 Messrs Richardson Truck & Co  
 S.S. No. 677-678 + 679  
 Working Press 180 lbs

1905

No. 6017  
 LLOYD'S TEST  
 360 lbs.  
 W.P. 180 "  
 25.7.19 - H.M.P.

S.S. "Clarton"  
 Mud Rpt.  
 10491

W433-0080 1/2

1901

No. 6032  
 LLOYD'S TEST  
 360 lbs.  
 W.P. - 180  
 10.9.19 - W.M.

S.S. Peterston  
 Mud Rpt.  
 10545

1901

No. 6061  
 LLOYD'S TEST  
 360 lbs.  
 W.P. - 180  
 5.12.19 - W.M.

S.S. Liberton  
 Mud. Report  
 10625

similar to the Builders Sec.

1795 fitted in the S.S.

Danverson Middlebrook

Patent No. 8469

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Lloyd's Register  
 Foundation