

STEEL BOILER.

11'-0" INSIDE DIA. 11'-0" OUTSIDE LENGTH

100 LBS WORKING PRESSURE 200 LBS TEST PRESSURE

TO PASS LLOYDS SURVEY

SCALE, 1" = ONE FOOT

ONE OFF THIS

27.1.1914.

16/2/14

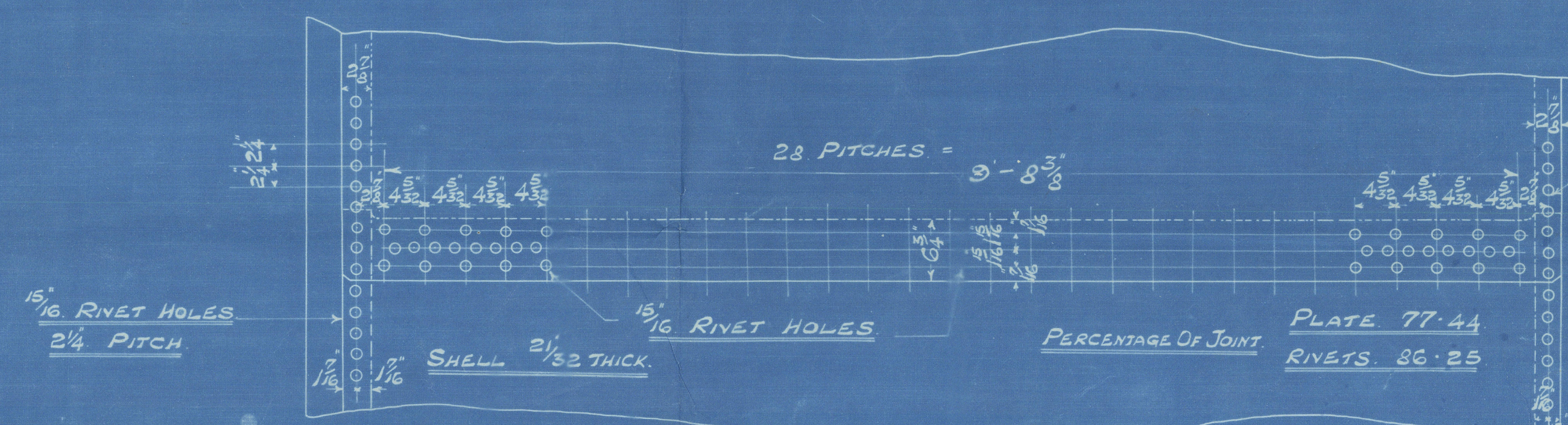
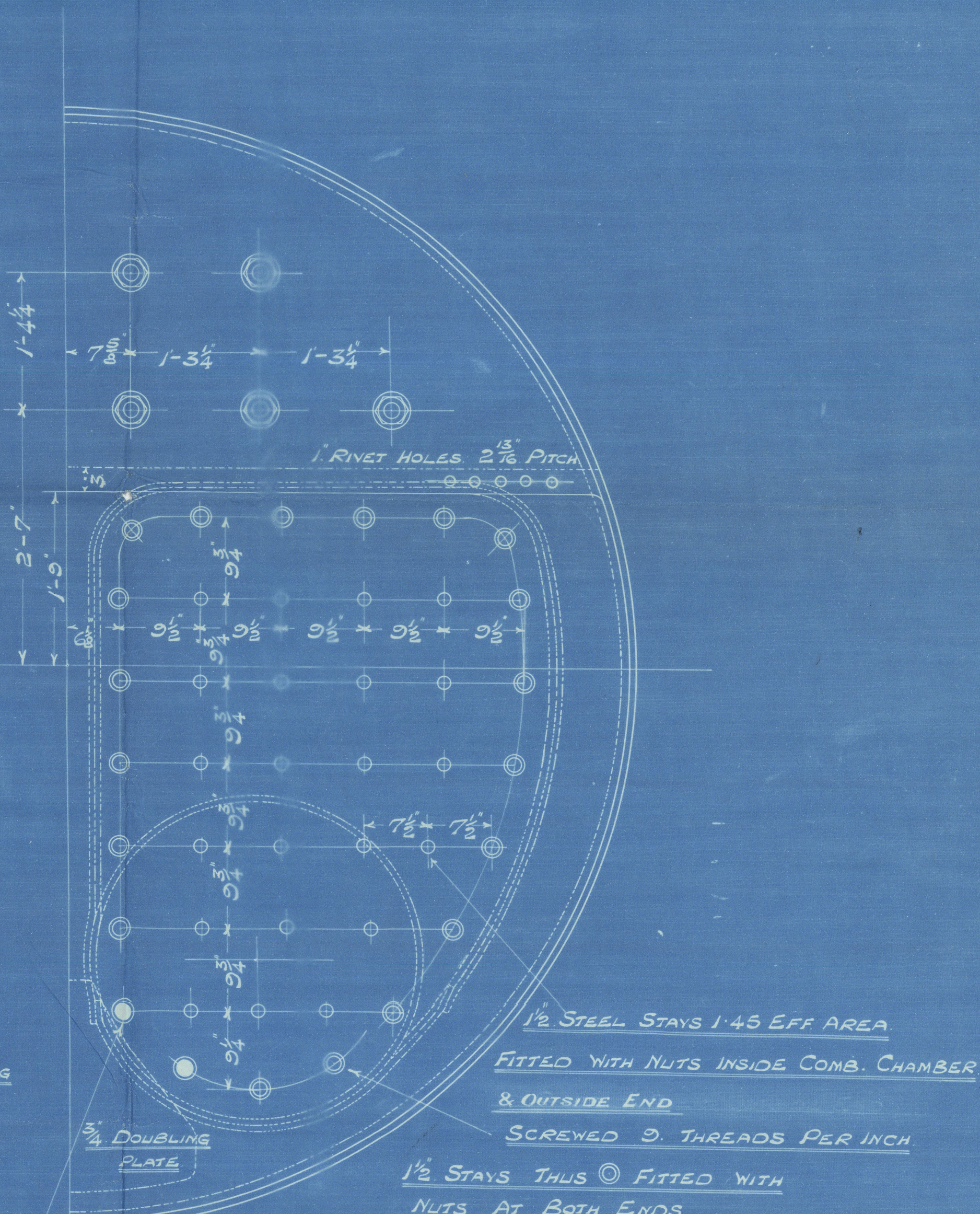
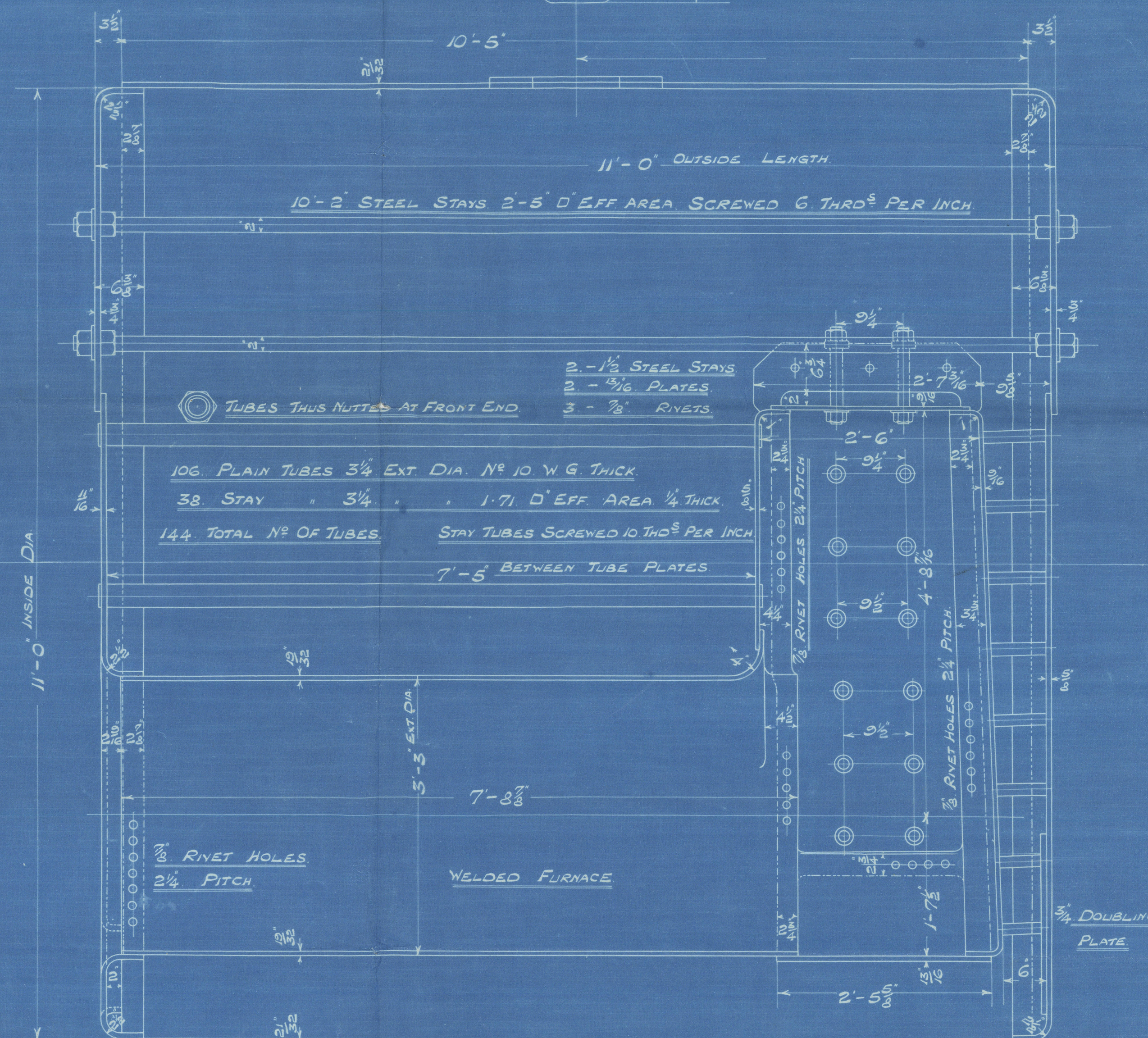
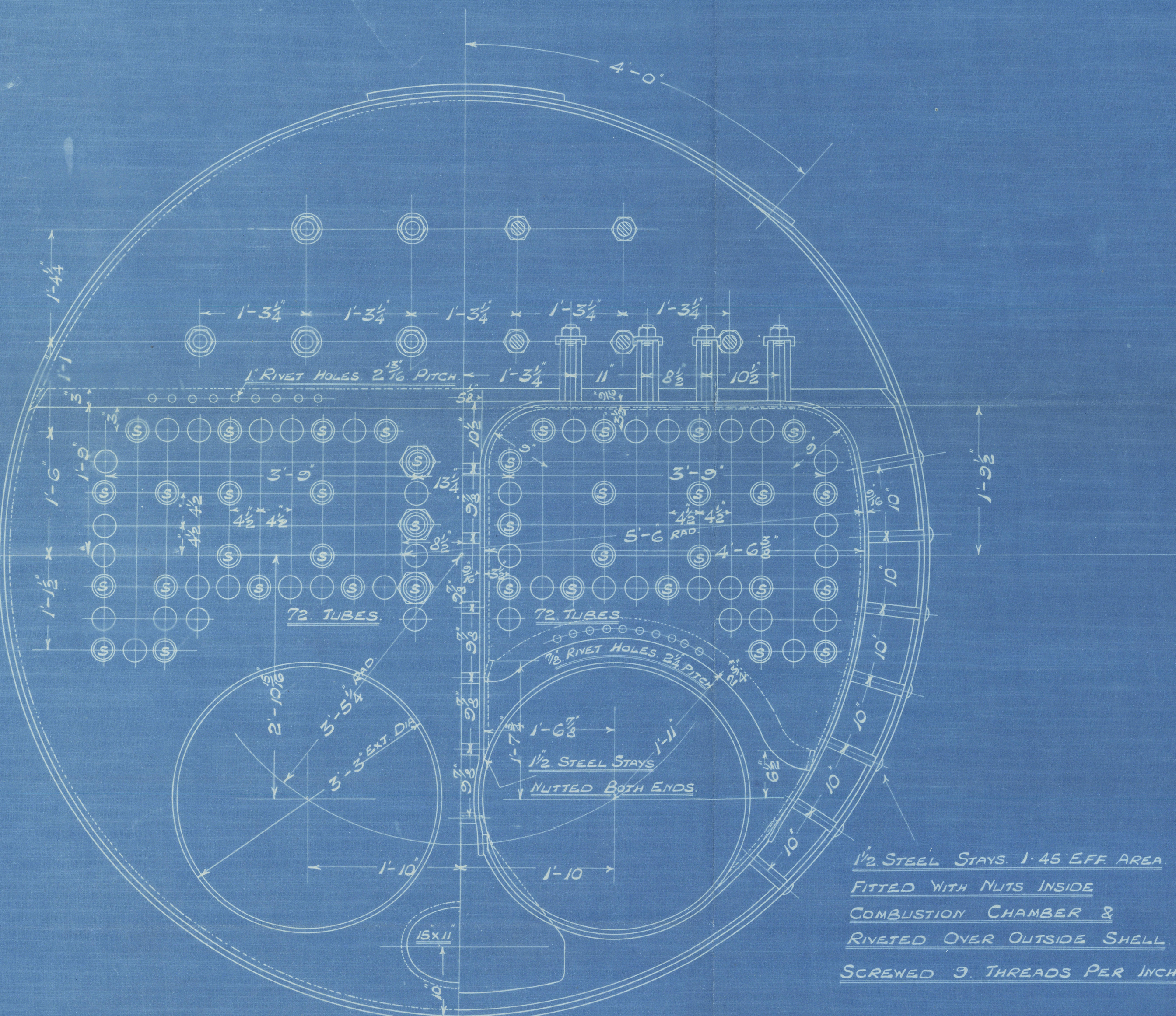
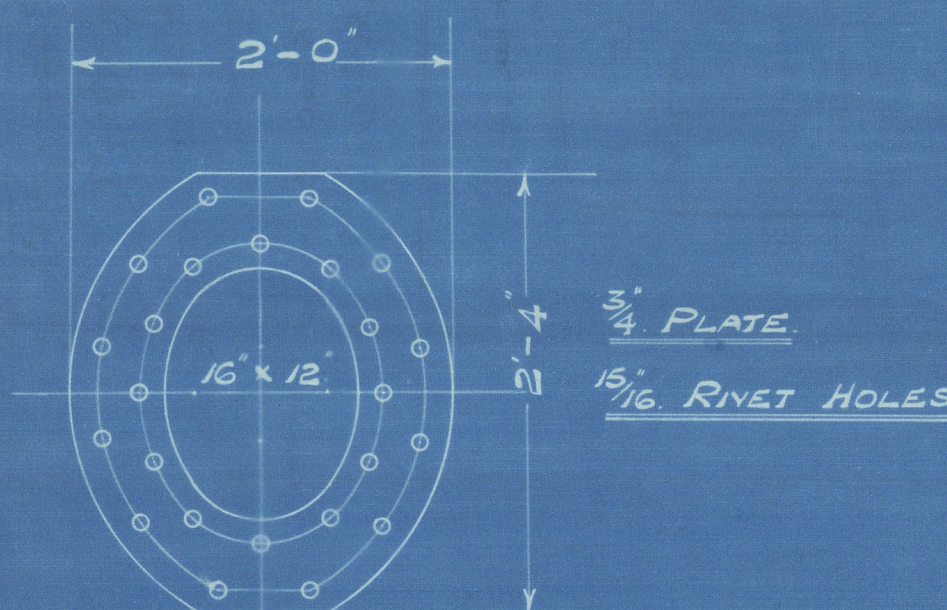
DRAWING NO 3574.

PARTICULARS OF MATERIAL

| DESCRIPTION | MATERIAL | TENSILE STRENGTH |
|-------------------------|----------|-------------------|
| SHELL PLATE | STEEL | 28 1/2 TO 32 TONS |
| MANHOLE PLATE & GIRDERS | | 26 " 30 " |
| ALL OTHER PLATES | | 26 " 30 " |
| MAIN STAYS | | 28 " 32 " |
| SCREWED STAYS | | 26 " 30 " |
| RIVETS | | 26 " 30 " |
| TUBES | IRON | |



| HEATING SURFACE | Sq. FEET |
|-----------------------------------|---|
| TUBES | 908.65 |
| FURNACES | 75.7 |
| BACK TUBE PLATE | 23.85 |
| FRONT TUBE PLATE | 16.6 |
| COMBUSTION CHAMBERS | 111.2 |
| TOTAL | 1136 |
| GRATE SURFACE (5'-3" BAR) = 33.14 | RATIO $\frac{H.S.}{G.S.} = \frac{34.26}{1}$ |



1/2" STAYS THUS FITTED WITH NUTS AT BOTH ENDS
1.73 D' EFF AREA

16.2.14
J.M.

BOILER NO 637.

FOR MESSRS. R. THOMPSON & SONS. S.S. NO 285.

W1205-0036



SUNDERLAND

MACCOLL & POLLOCK LTD

BOILER NO 637

W.P. 100 LBS

R. THOMPSON & SONS

S/N: 285

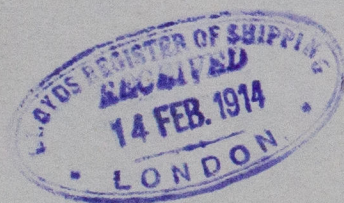
Mark on boiler -

NO 3226

LLOYD'S TEST

200 LBS

18-6-1914 L.C.D.



S/S Eggesford

SUNDERLAND RPT. NO. 26282

RETAIN

W1205 - 0030



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