

BOILER ORDER N^o 2267-3152 3292

FOR MESSRS ROBT THOMPSON & SONS LTD, S.S. 270, 281.

HEATING SURFACE	SQ FT
TUBES	670
FURNACES	82
COMBUSTION CHAMBERS	87
TUBE PLATES	32
TOTAL	871 SQ FT

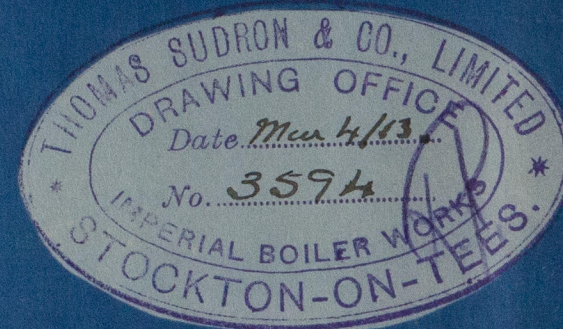
TOTAL GRATE SURFACE 29 SQ FT
FIREBARS 5'-0" LONG

WORKING PRESS. 100 LBS PER D²
TEST D² 200 " " "

TO BE CONSTRUCTED TO PASS LLOYDS SURVEY
1 OFF
SCALE 1"=1 FT
9:1:11

PLATES BY MESSRS JOHN SPENCER & SON

PLATES STEEL
RIVETS "
STAYS "
TUBES IRON



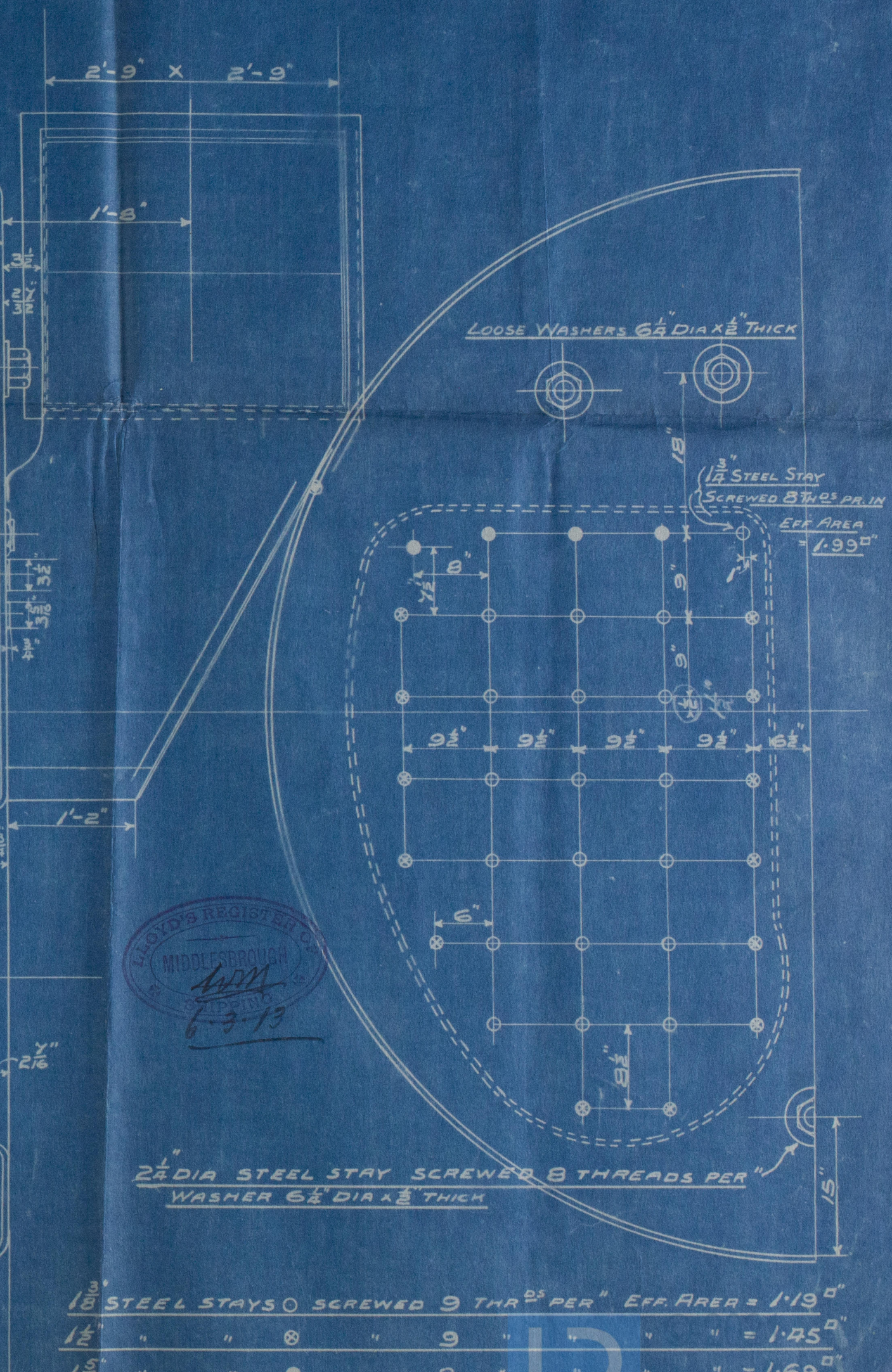
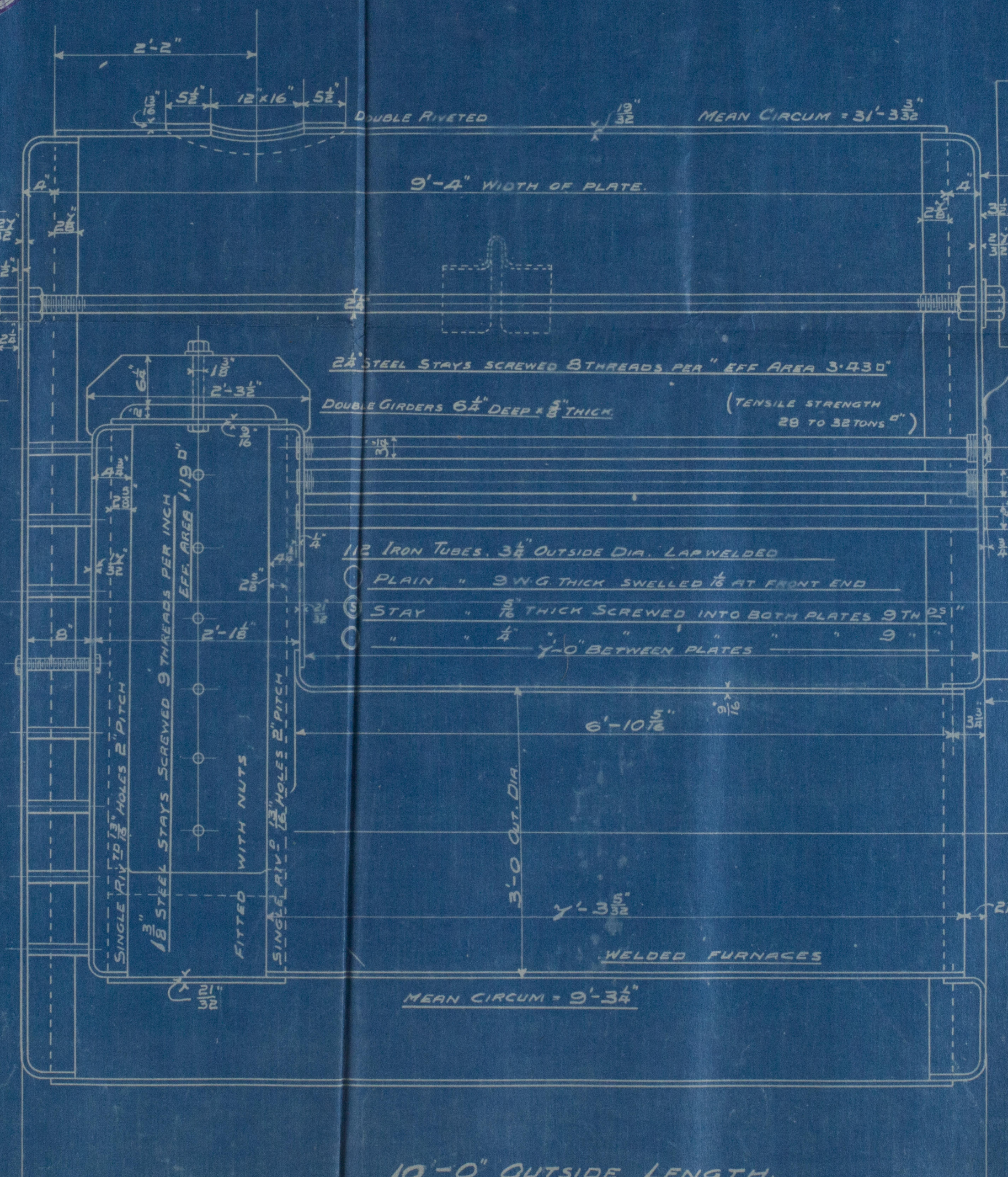
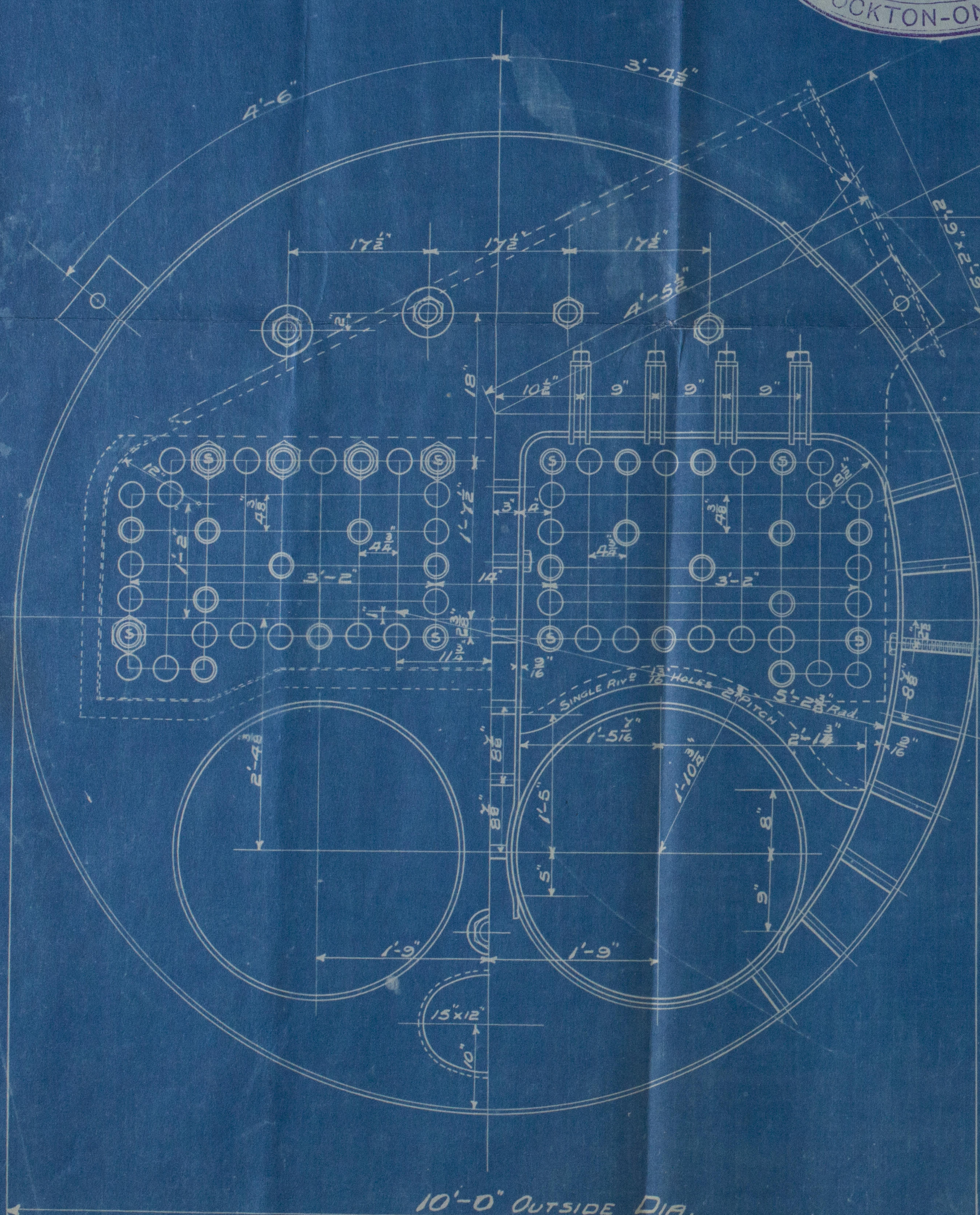
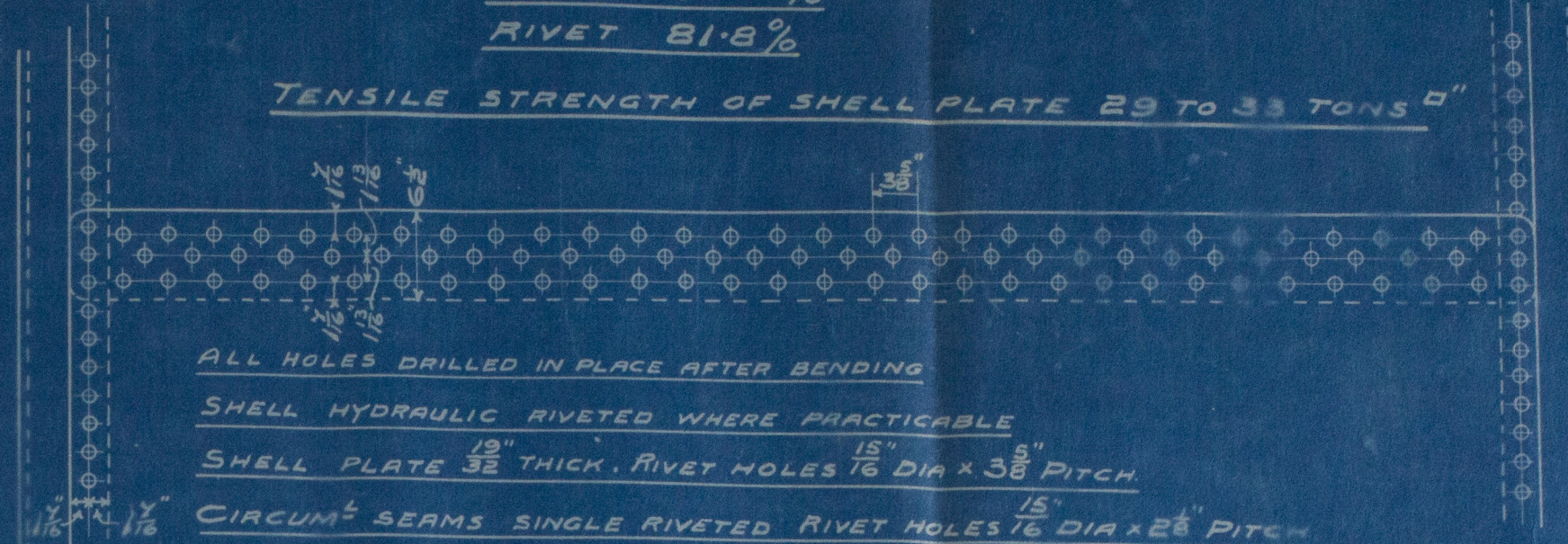
PLAN OF SHELL RIVETING

STRENGTH OF JOINT

PLATE 74.3%

RIVET 81.8%

TENSILE STRENGTH OF SHELL PLATE 29 TO 33 TONS D²



1/8" STEEL STAYS	SCREWED 9 THRS PER " EFF AREA	= 1.19 D ²
1/4" " " "	" " " " " " " "	= 1.45 D ²
1/2" " " "	" " " " " " " "	= 1.69 D ²

ALL STAYS IN BACKS NUTTED BOTH ENDS

8518 mfr 2628

Messrs J. Sudron & Co Ltd

Boiler No 3292

for

Messrs Robt Thompson & Sons Ltd

S.S. No 281

Working Press 100 lbs.

No. 5-15-4
LLOYD'S TEST
200 lbs.
18.9.13 - W.M.

Indb Rpt No 8117

Bertrand

Std Rpt 25941

Duplicate of Boiler No 3158



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Lloyd's Register
Foundation

W951-0126