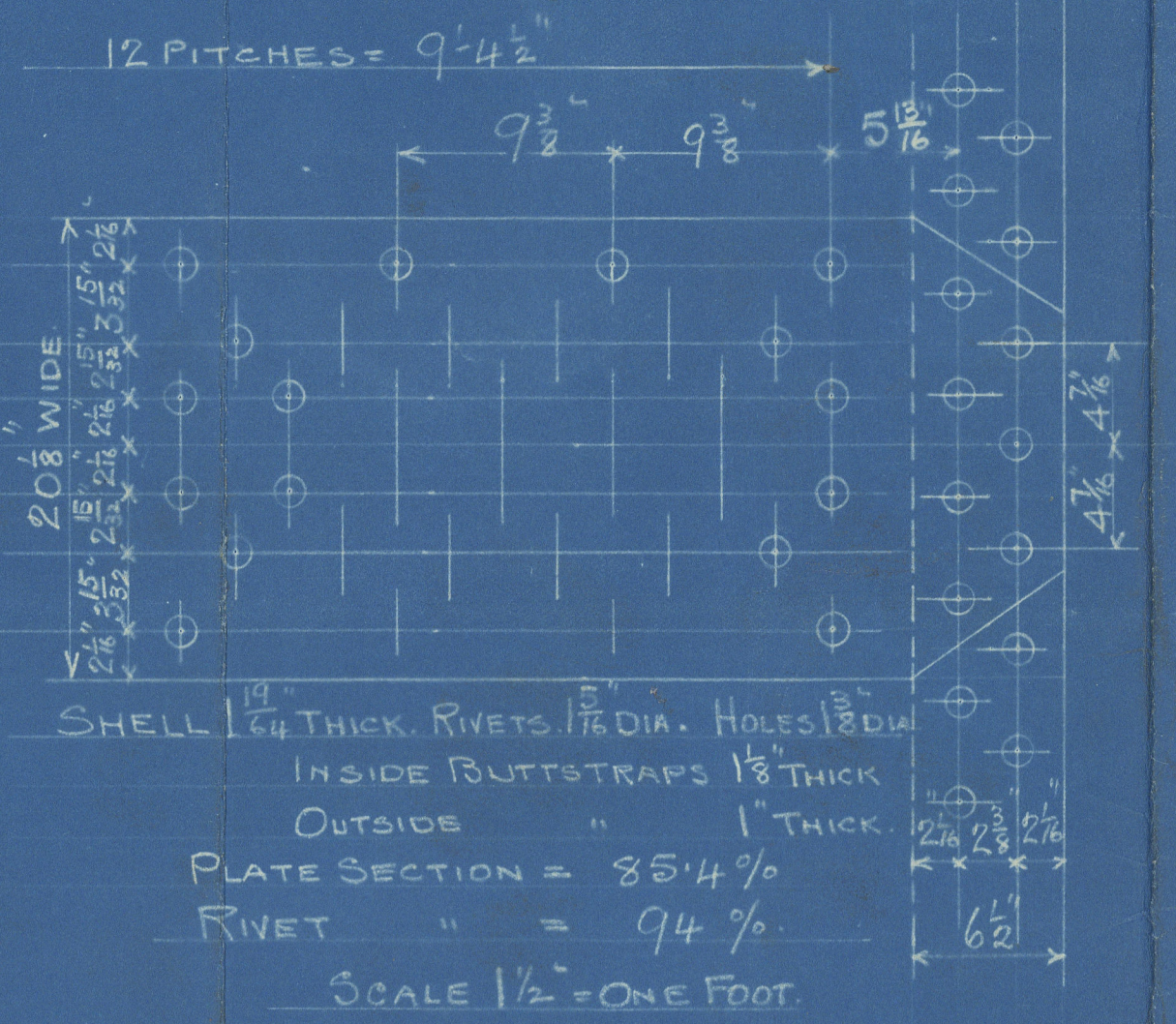


TENSILE STRENGTH OF MATERIALS:

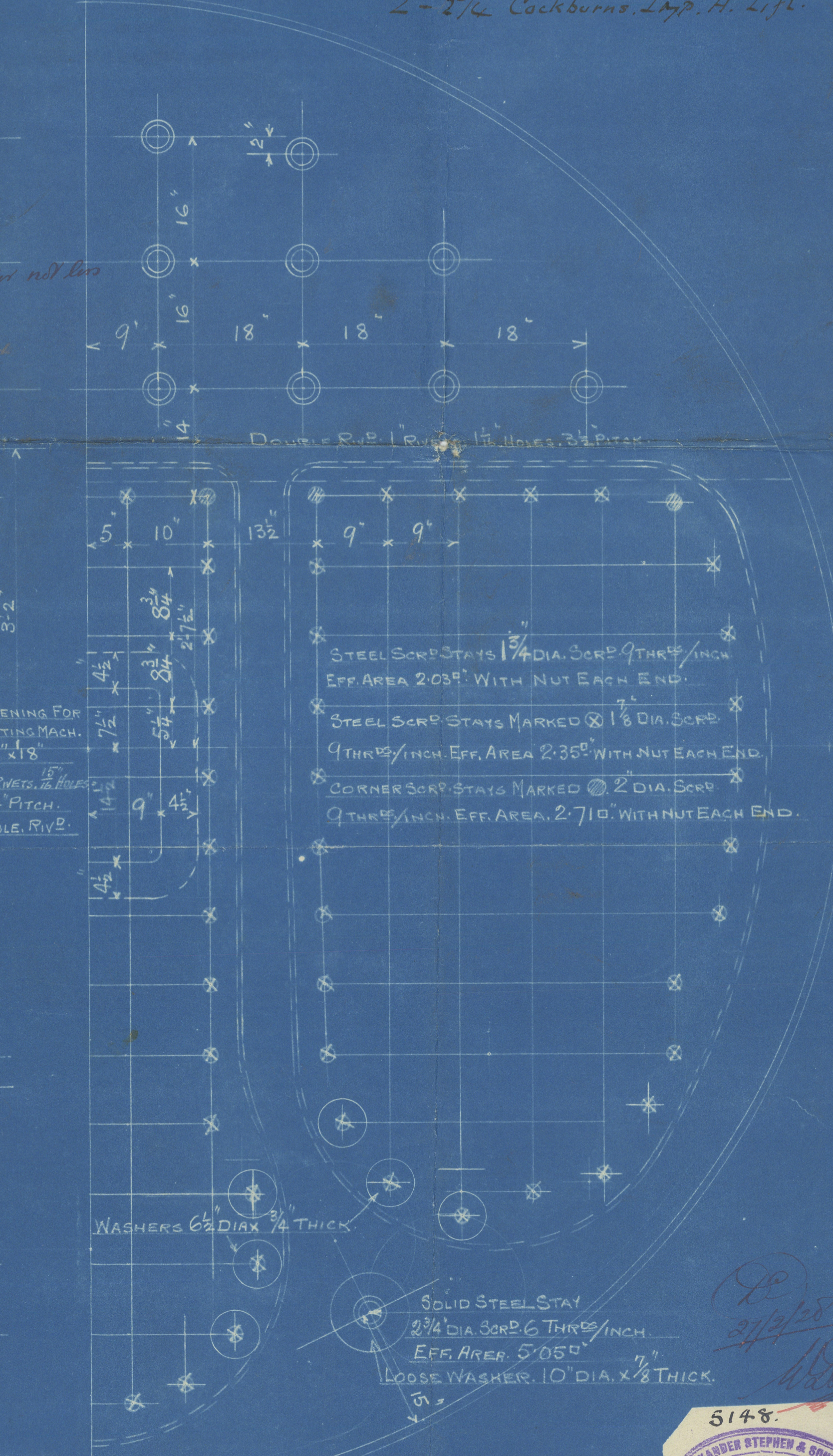
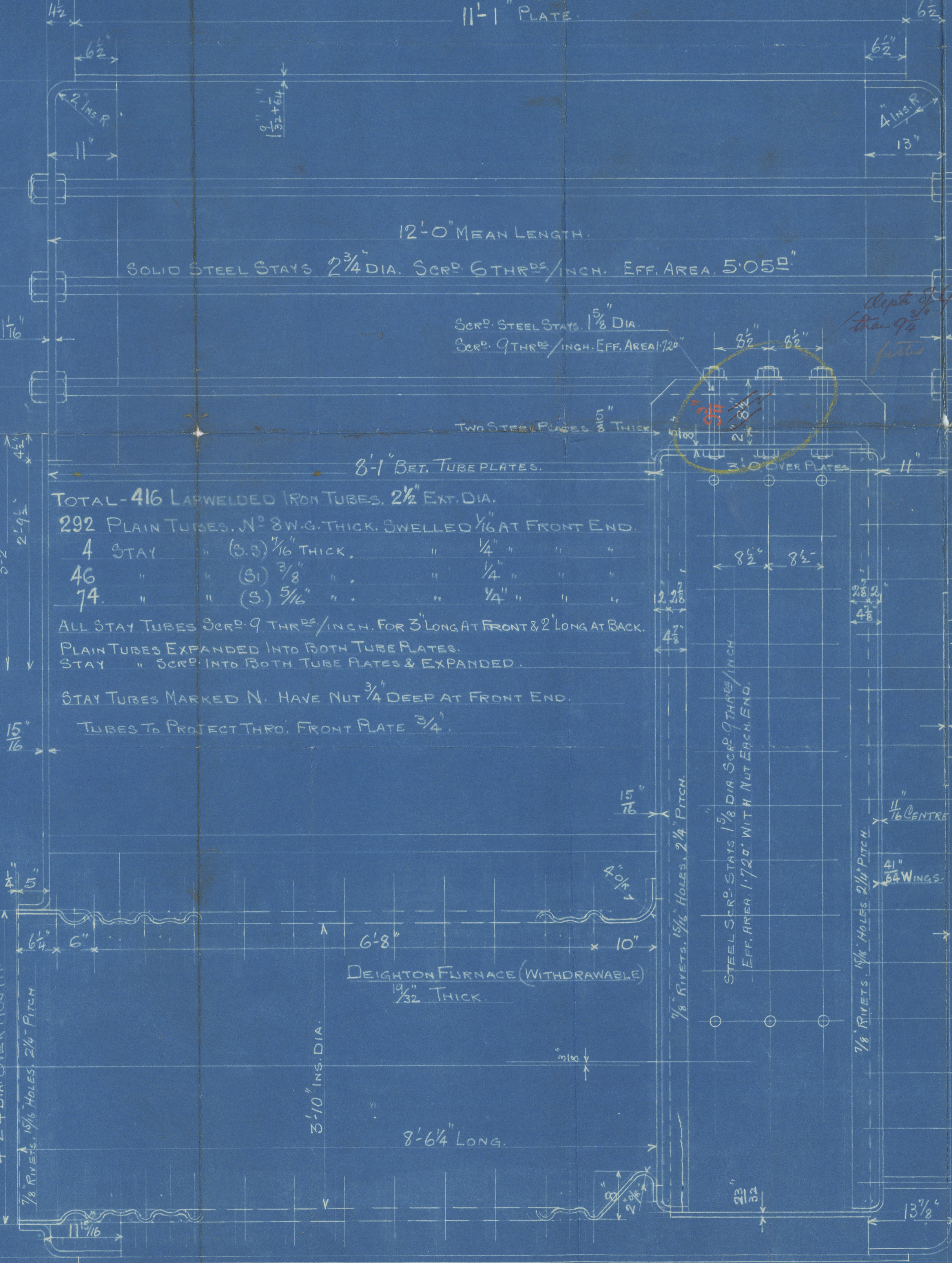
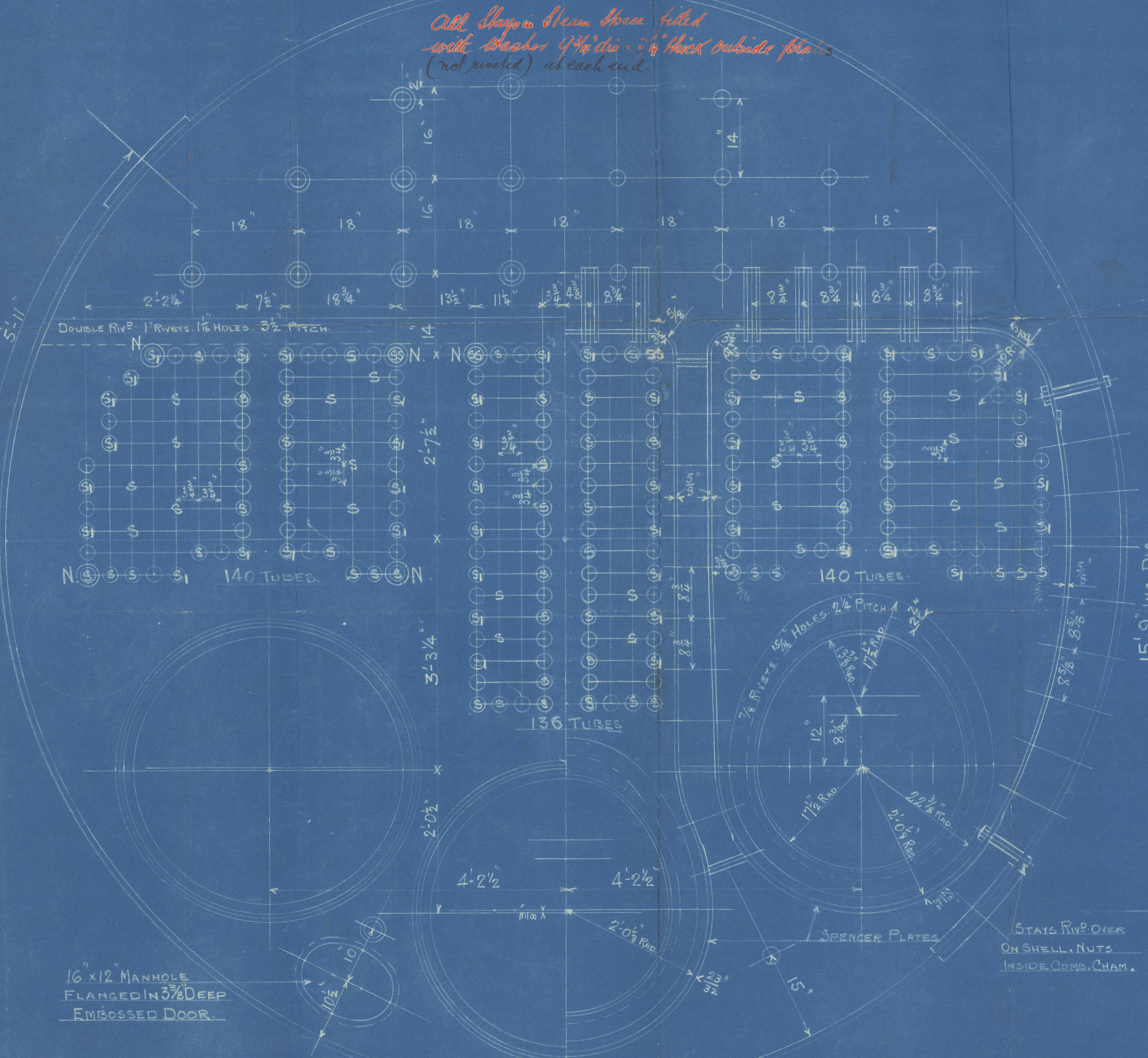
SHELL & BUTTSTRAPS.	28 TO 32 TONS/SQ. IN.
FURNACES.	26 TO 30 "
PLATES FOR FLANGING.	26 TO 30 "
GIRDERS.	28 TO 32 "
LONG STAYS.	28 TO 32 "
SCRIP STAYS.	26 TO 30 "



HEATING SURFACE	SQ. FT.
IN TUBES.	2200
" FURNACES.	176
" COMB. CHAMBS.	304
TOTAL IN ONE BOILER.	2680
" THREE BOILER.	8040
G.A. WITH 5-6 PASSES, ONE BUR.	65
" " " " THREE.	189
RATIO H.S. TO G.A.	423

SIZE OF COCKBURN'S IMPROVED HIGH LIFT SAFETY VALVES 2 @ 7/8" DIA.
 DIA. OF WASTE STEAM PIPE - ONE BUR. = 3/4" BORE.
 " " " " TWO " = 1/2"
 " " " " THREE " = 1/2"

OIL FIRED. - Safety Valves Fitted.
 2 - 2 1/2" Cockburns Imp. H. Lift.



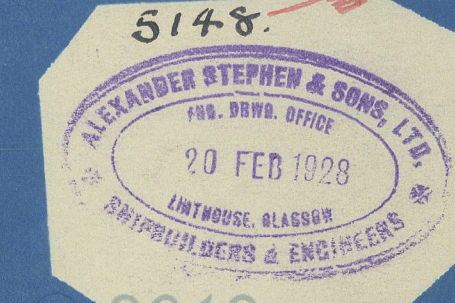
All stays in steam space filled with branches of 1/4" thick barbed wire (not used) at each end.

Depth of furnace not less than 9 1/2" tubes 1 1/2"

W.P. = 180 LBS./SQ. IN.
 TEST PRESS = 320 LBS./SQ. IN.
 TO PASS LLOYDS SURVEY.

THREE OFF.

No 522
 MAIN BOILERS.
 SCALE 1" = 1 FOOT.



Glasgow.

A. Stephen & Sons Ltd.

Boilers No 522.

W.P. 180 H^o.

Junna

GLASGOW REPORT No 49064

Side Bk. -

17989
LLOYD'S TEST.
320 H.
W.P. 180 H.
2. 8. 28. W.L.

Port Bk. -

17993
LLOYD'S TEST.
320 H.
W.P. 180 H.
7. 8. 28. W.L.

Center Bk.

18022
LLOYD'S TEST.
320 LB © 2019
W.P. 180 H
29. 8. 28. W.L.