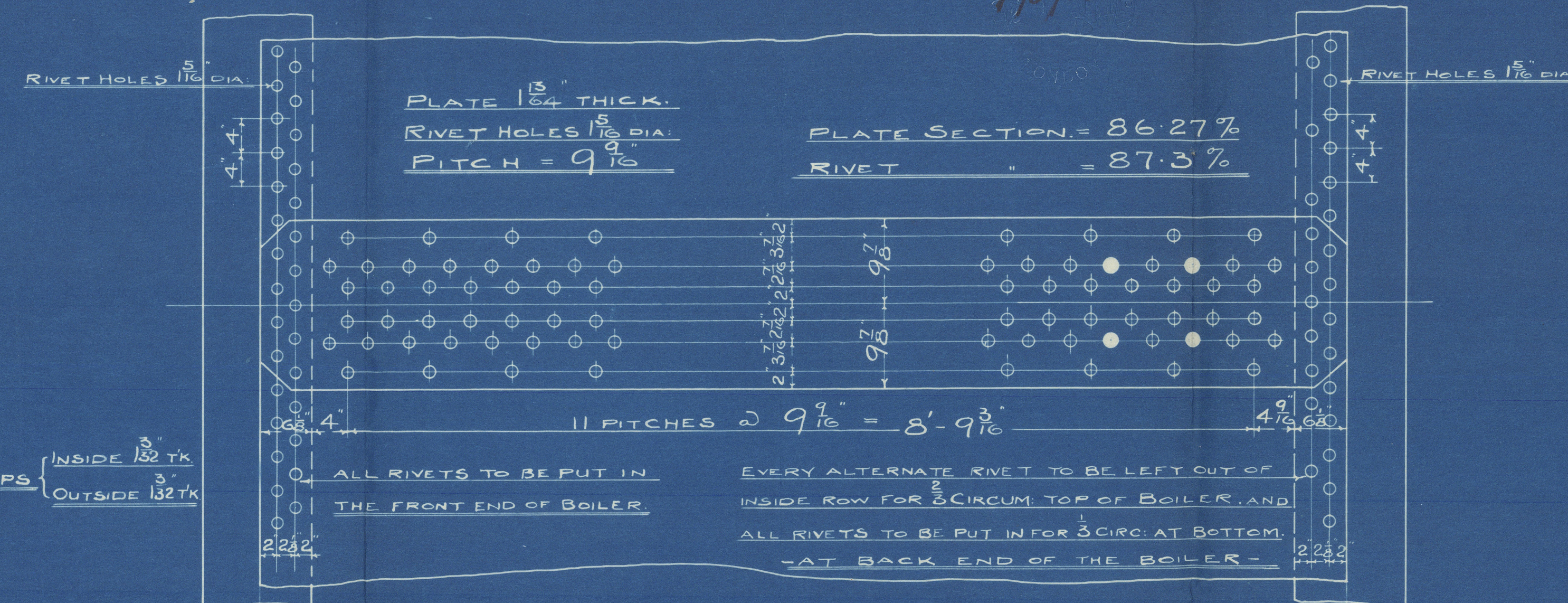
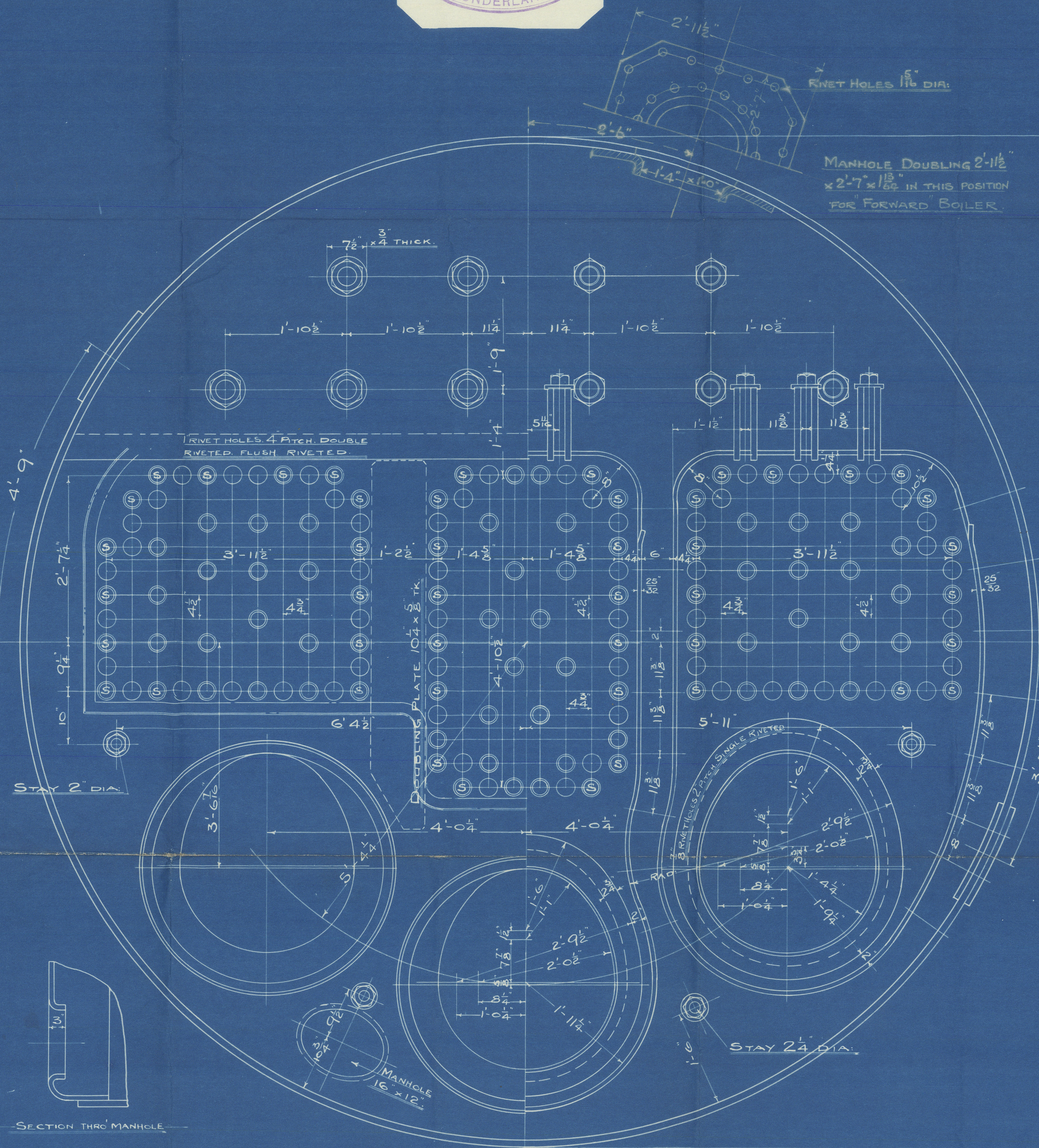


SUNDERLAND ENGINE WORKS

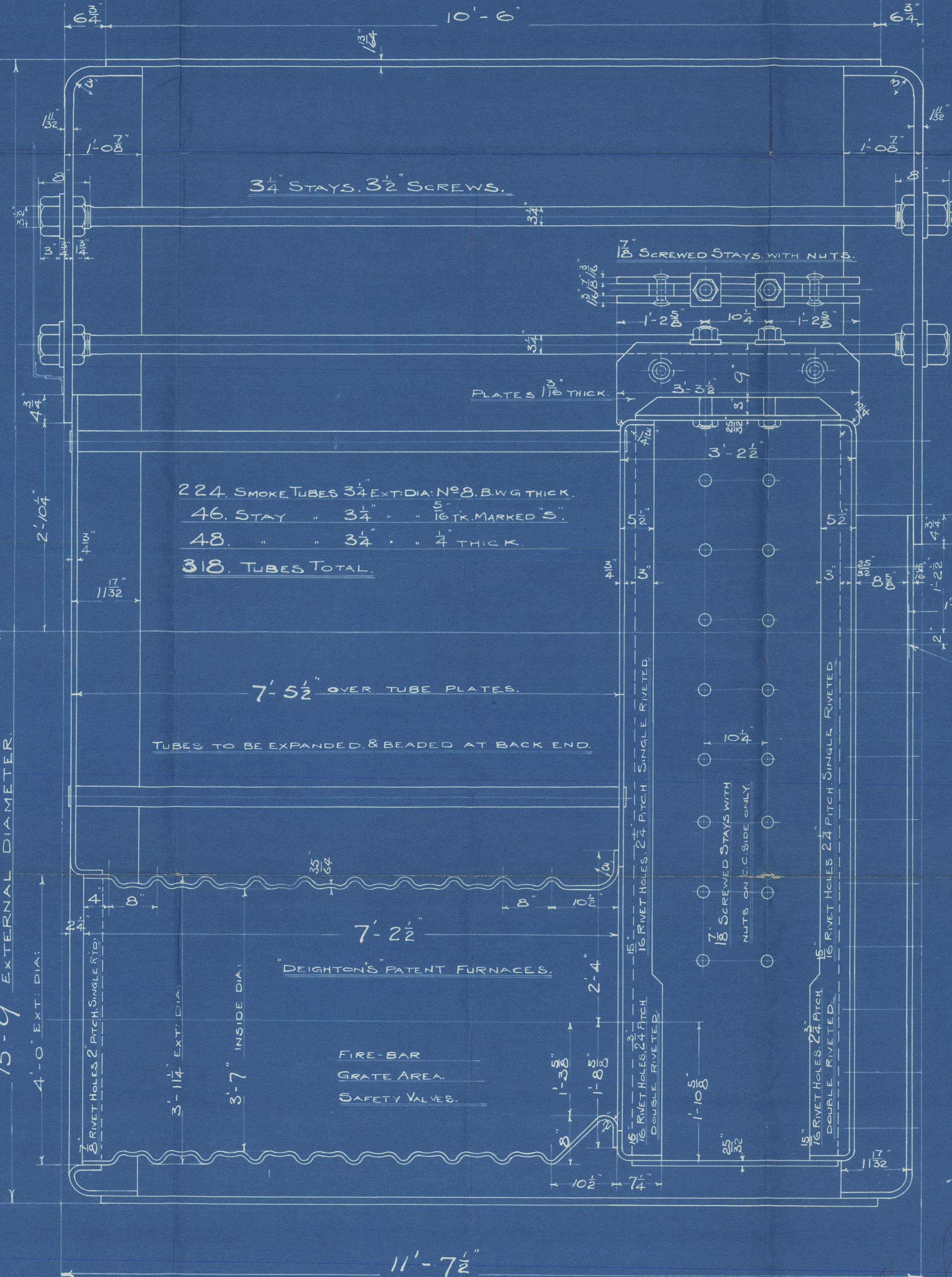
BOILER

DRAWING 4504 SCALE - 1 INCH TO A FOOT SCHEDULE "L"

WRITTEN DIMENSIONS ONLY TO BE TAKEN



BUTT STRAPS
INSIDE 1/32 TH
OUTSIDE 1/32 TH



7/8/13

TO PASS LLOYD'S SURVEY.	
SHELL = 22 x 26.75 (1925-2) 186274	= 180 LBS PER SQ. W.
WORKING PRESSURE,	= 180 " "
TEST	= 360 " "
HEATING SURFACE ON TUBES,	2018 SQ. FEET.
" " OTHER PARTS	533 " "
TOTAL,	2551. " "
EX. FRONT TUBE PLATE,	2501 " "
EFFECTIVE AREA OF STAYS,	
34 STAY TUBES 1/4" 9 THREADS PER INCH	2.17 SQ. INCHES.
34 " 1/4" 9 " " " "	1.64 " "
34 MAIN STAYS 6 " " " "	8.29 " "
24 " 6 " " " " "	3.26 " "
2 " 6 " " " " "	2.51 " "
2 SCREWED 11 " " " " "	2.79 " "
18 " 11 " " " " "	2.43 " "
ALL PLATES, RIVETS & STAYS - STEEL	
TUBES - WROUGHT IRON	
HOLES TO BE DRILLED IN PLACE AFTER BENDING	
TENSILE STRENGTH OF SHELL PLATES NOT LESS THAN 28 TONS	
" " GIRDER	28 " "
" " MAIN STAYS	28 " "



DRAWN BY J.A.S.
CHECKED BY F.H.B.
TRACED BY J.A.S.
31.7.13

CONTRACT 2142. 3. OFF.

N. E. M. E. C^o L^d

C. No 2142.

MAIN BOILERS. 3. OFF.



No 3181
LLOYDS TEST.
360 LBS.
23-12-13 W.B.



CRAIG TAYLOR & C^o
No 161 ²/₃.

so "Melania"

~~Slack 700 2600 6~~
~~Ind 8400.~~



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Lloyd's Register
Foundation

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