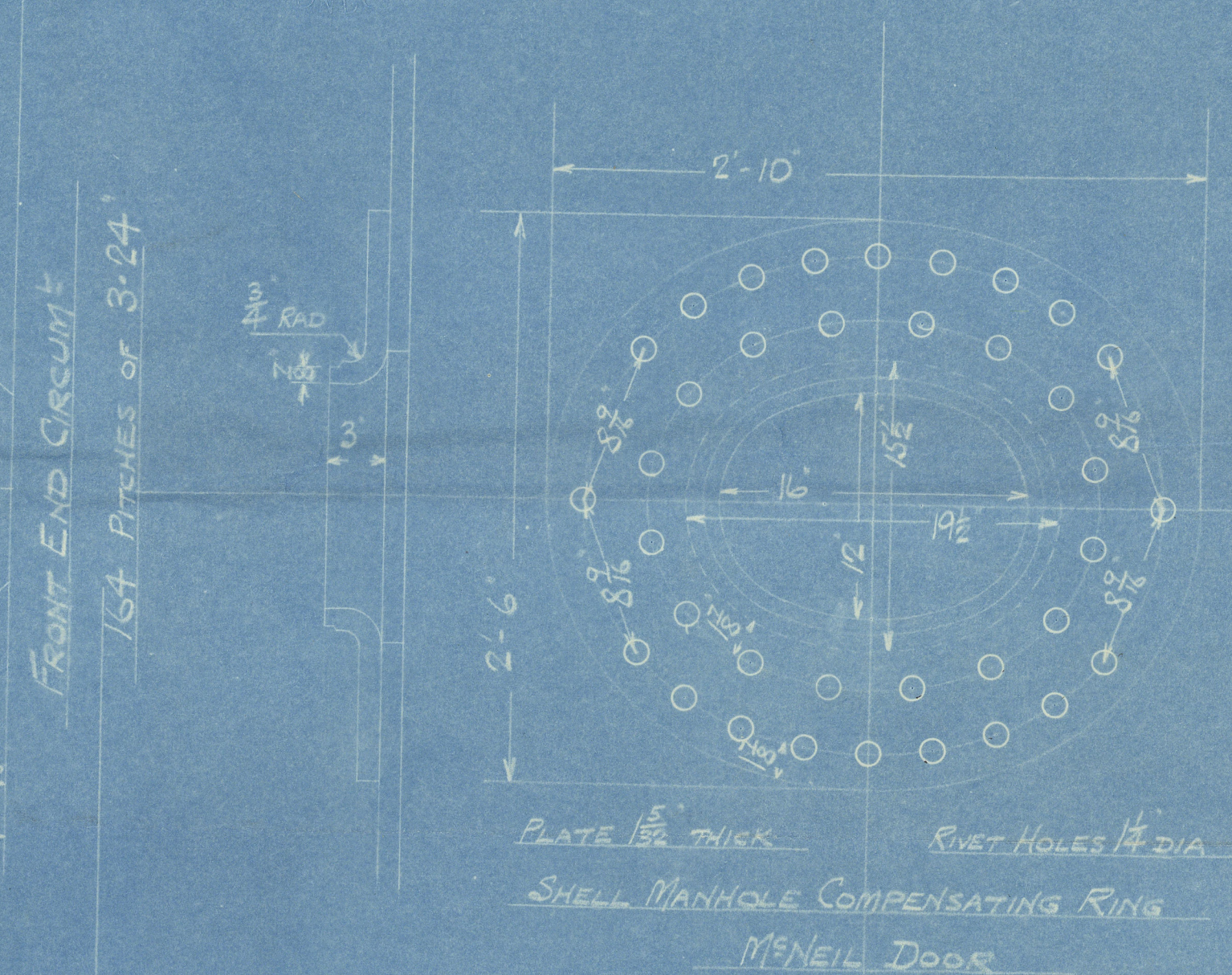
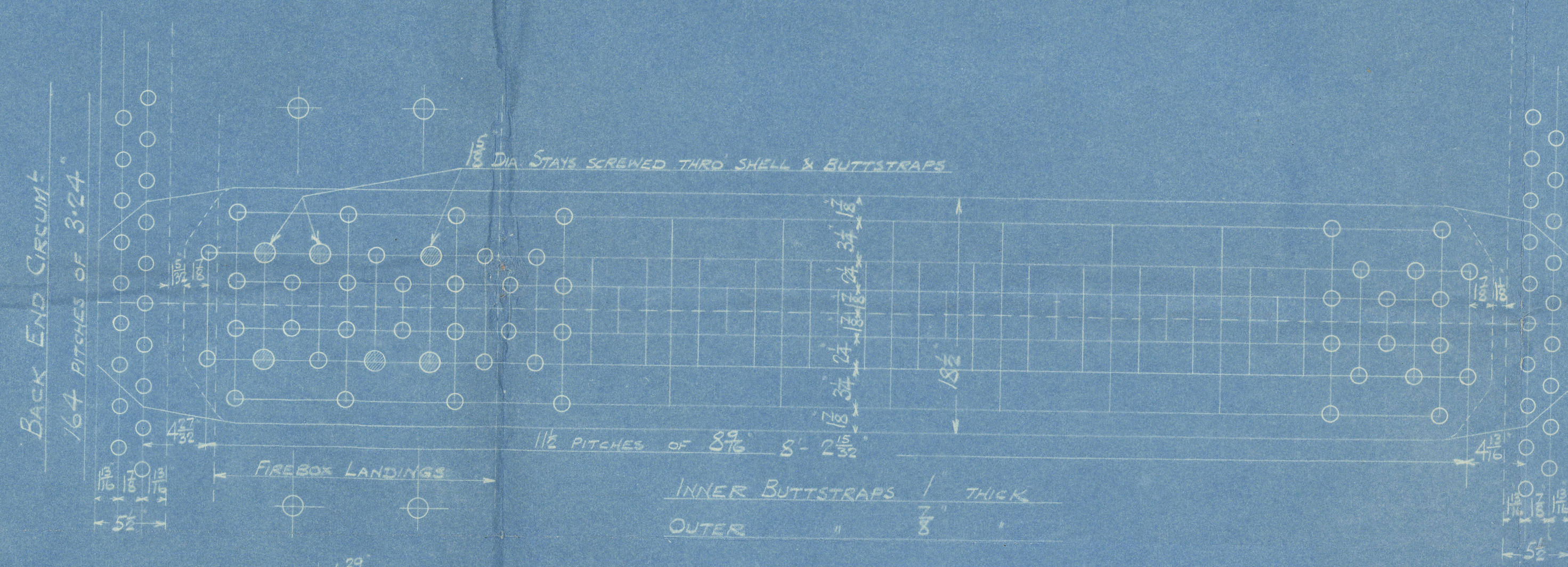


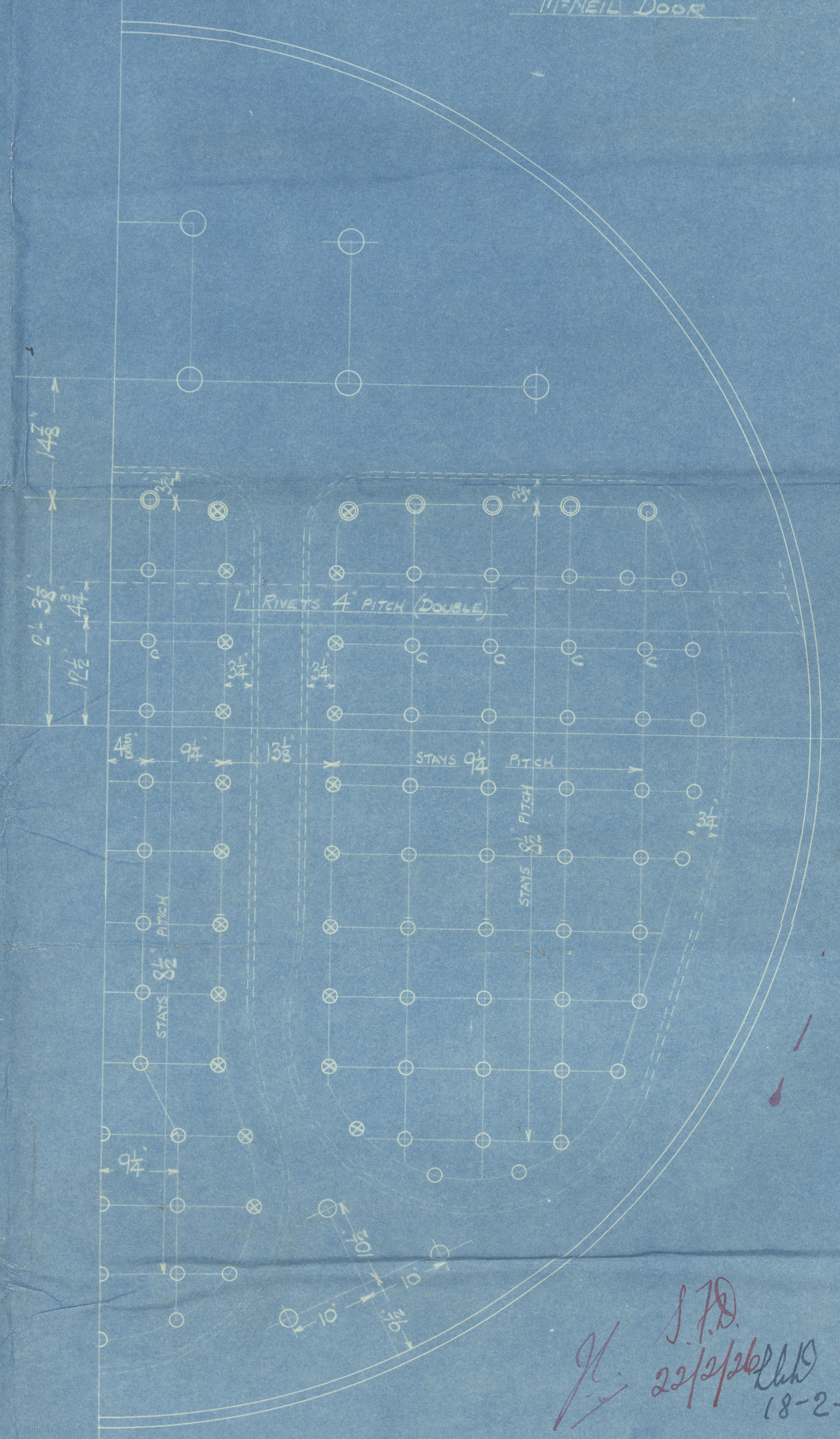
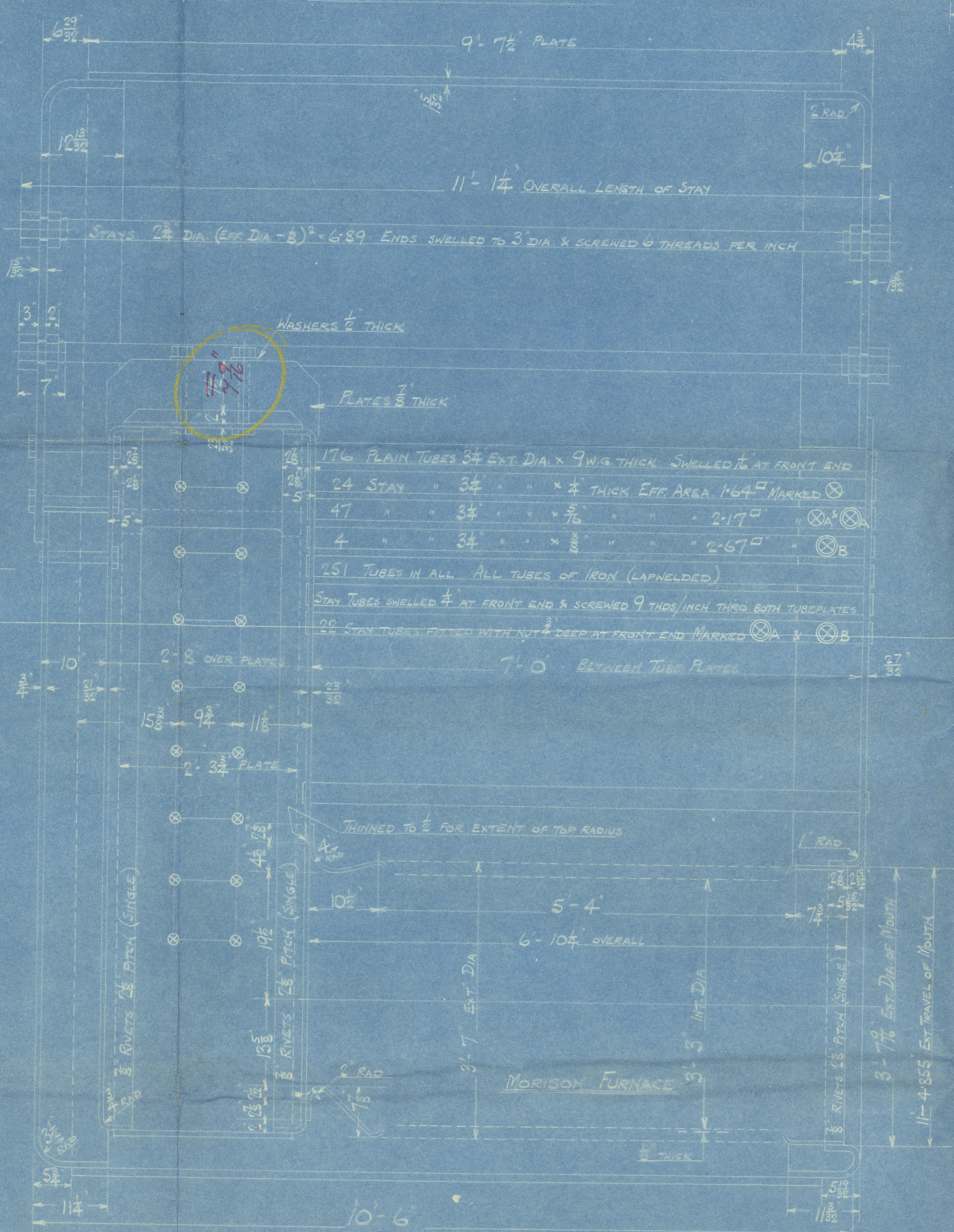
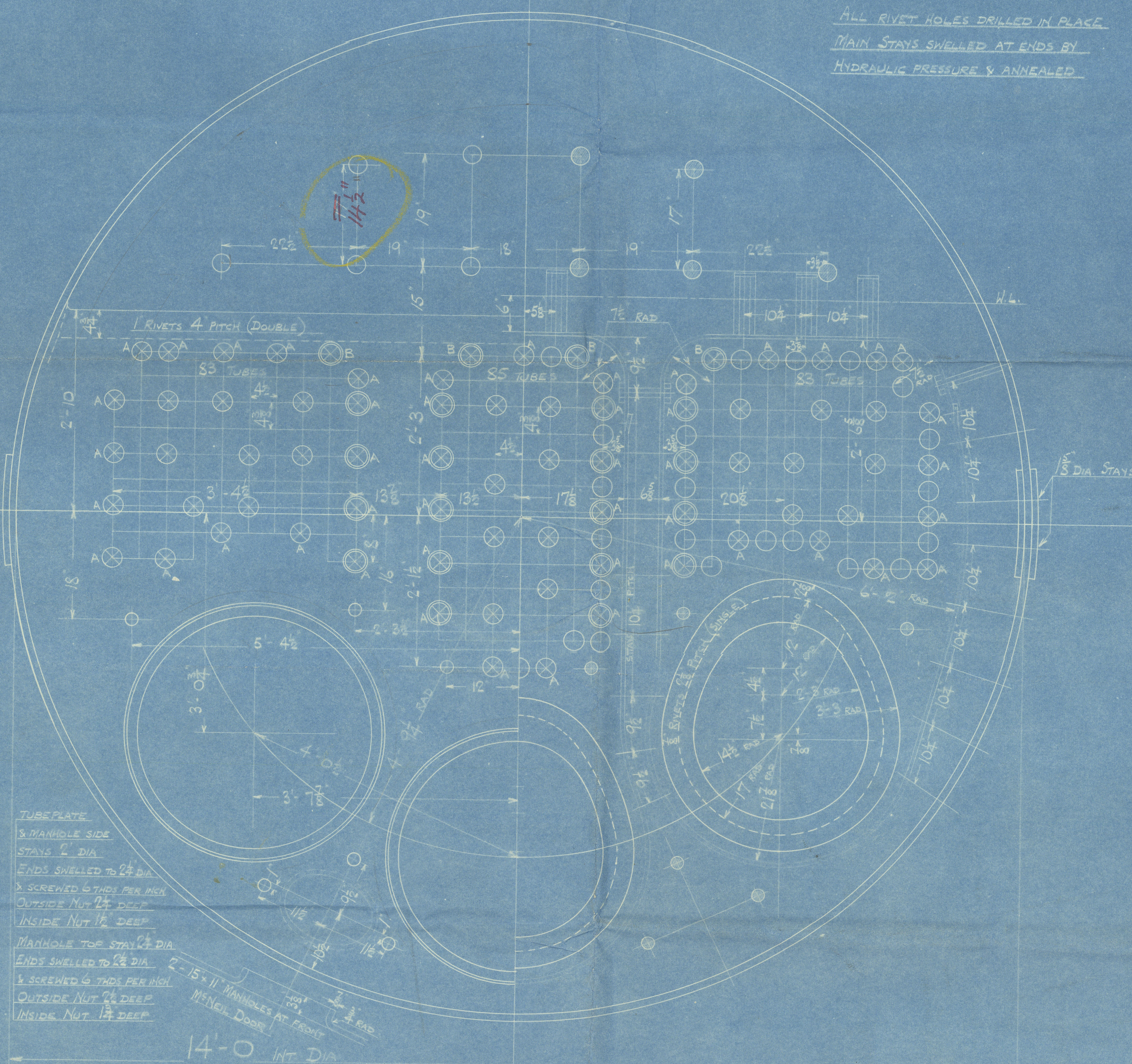
SURFACES	ONE BOILER
TUBES	1493 #
FIREBOX TOP AND SIDES	124 #
BACK	68 #
TUBEPLATE	45 #
FURNACES	123 #
TOTAL HEATING SURFACE	1853 #
GRATE AREA (5.6 BARS)	53 #
TUBE AREA	1133 #
WATER AREA	130 #
STEAM SPACE	363 #
GRATE AREA : HEATING SURFACE	1 : 34.7
: TUBE	1 : 17.9
: WATER AREA	4 : 12.1
: WATER	1 : 2.43
: STEAM SPACE	1 : 8.78
% BOILER ABOVE FIREBOX	31.4
WEIGHT OF WATER	202 TONS

RIVETING	LONG	END CIRCUM
RIVET HOLE DIA	1 1/2	1 1/2
PITCH	8 3/4	3 3/4
% PLATE	85.4	53.3
% RIVET	95.4	48.7
% COMBINED	89.9	

LIMITS OF TENSILE STRENGTH & MATERIAL	
SHELL, BUTTSTRAPS AND GIRDERS	28 TO 32 TONS
OTHER PLATES	26 " 30 "
FURNACES	26 " 30 "
MAIN STAYS	28 " 32 "
SCREENED STAYS	26 " 30 "
RIVET BARS	26 " 30 "

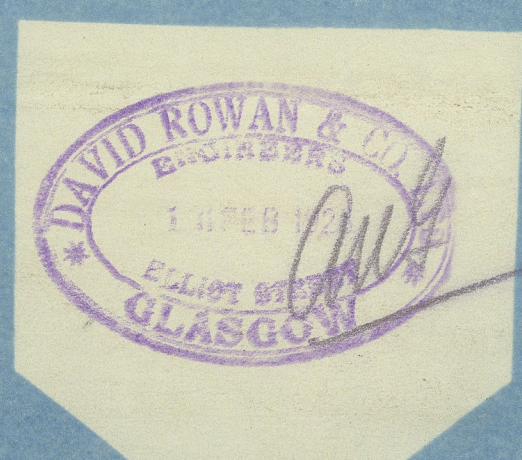


ALL RIVET HOLES DRILLED IN PLACE
MAIN STAYS SHELLED AT ENDS BY
HYDRAULIC PRESSURE & ANNEALED



POSITION	MARK	DIA	DIA - 2\"/>
BACK	○	1 1/2	1.244
TOP SIDES & BACK WERSPACE	○	1 1/2	2.199
BACK TOP ROW	○	1 1/2	2.585
CORNER	○	2	3.003

ALL FIREBOX STAYS SCREENED THRO BOTH PLATES AND NOT FITTED AT EACH END EXCEPT STAYS FROM KING FIREBOX TO SHELL AND STAYS MARKED C IN BACK BOTTOM END WHICH PROJECT 8\"/>



GLASGOW

D. ROWAN & CO LD

BOILER N^o 339

WP-180 LBS

AITCHISON BLAIR LTD

ENGINES N^o 159

JOHN FULLERTON & CO LD

S/S N^o 276

N^o 17168

LLOYD'S TEST

320 LBS

WP-180 LBS

L.C.D.

5-7-26

GLASGOW REPORT N^o 45811, also
see below

S/S. Torrington

GLASGOW REPORT N^o 45920



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Lloyd's Register
Foundation