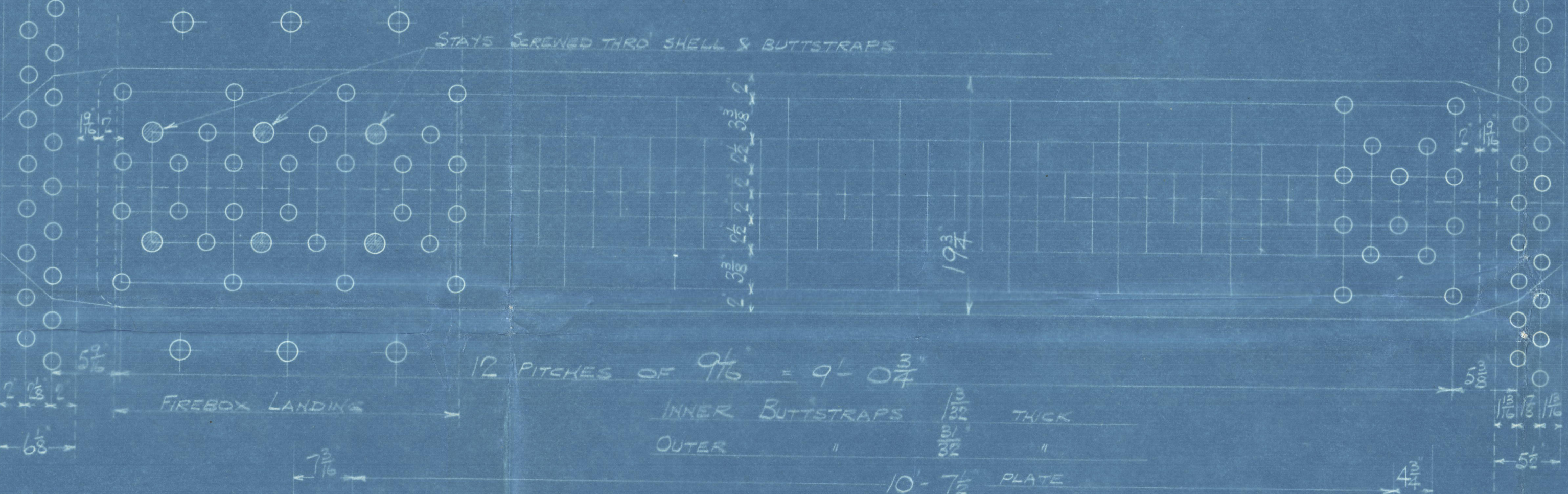


SURFACES	ONE BOILER	2 BOILERS
TUBES	2298 #	4594 #
FIREBOX TOP AND SIDES	167 #	334 #
BACK	9 #	18 #
TUBES	1 #	2 #
FURNACES	16 #	32 #
TOTAL HEATING SURFACE	2778 #	5556 #
GRATE AREA (SQUARE FEET)	167	334
TUBE AREA	11.8	23.6
WATER AREA	168	336
STEAM SPACE	532 #	1064 #
HEATING SURFACE		
TUBE		
WATER		
STEAM SPACE		
% BOILER ABOVE FIREBOX	50	50
WEIGHT OF WATER	TONS	TONS

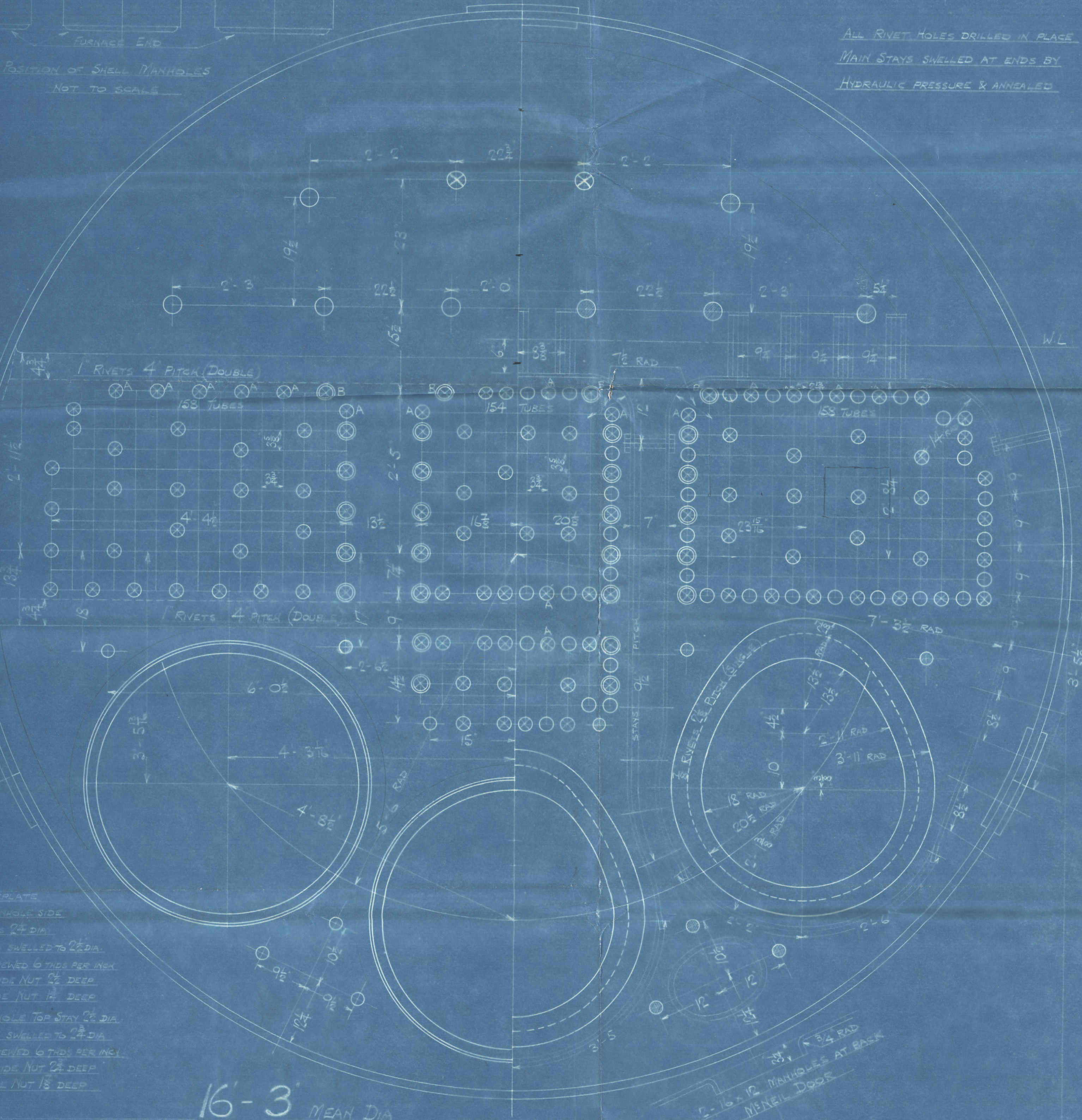
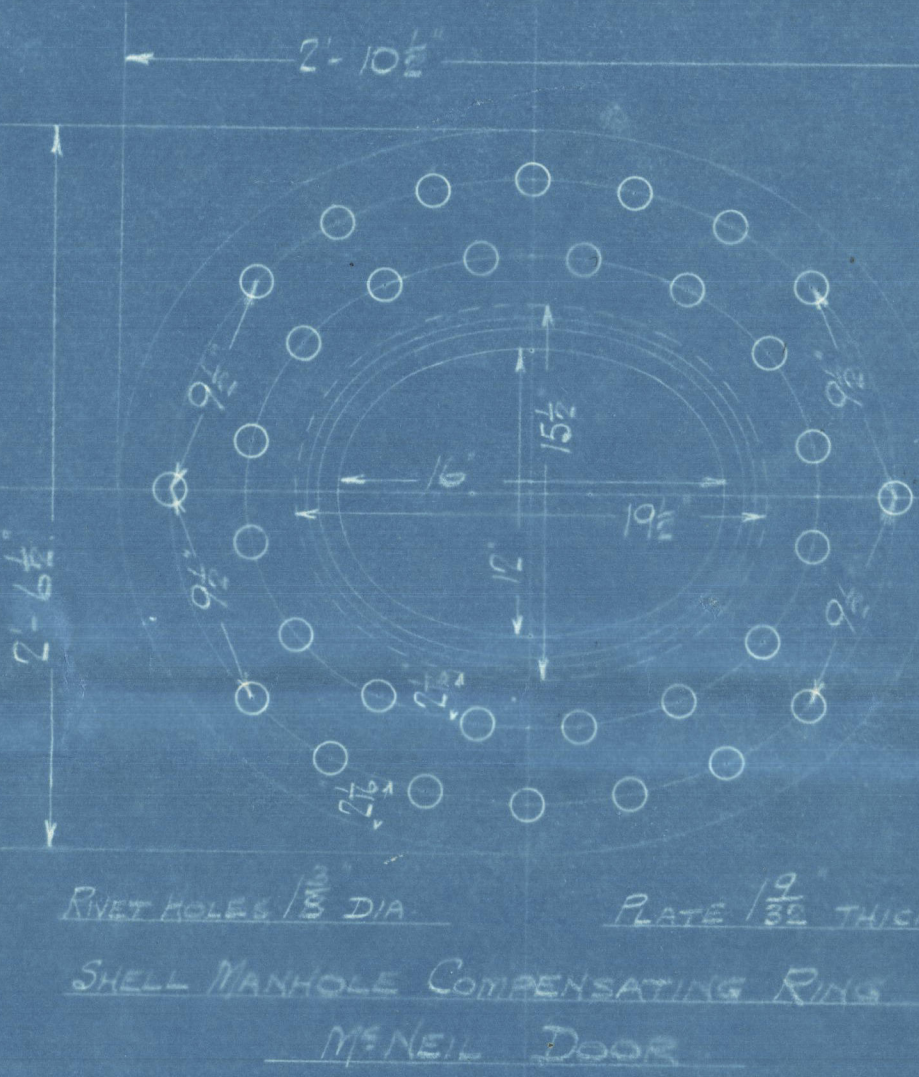
RIVETING	LONG		
	BACK	END	FRONT
RIVET HOLE DIA	1 1/16	1 1/16	1 1/16
PITCH	9 1/2	9 1/2	9 1/2
% PLATE	85.5	64.4	62.7
% RIVET	85.5	40	40
% COMBINED	85.5		

LIMITS OF TENSILE STRENGTH & MATERIAL	
SHELL & BUTTRAPS	19 TO 25 TONS
GIRDERS	28 TO 30
OTHER PLATES	26 TO 30
FURNACES	26 TO 30
MAIN STAYS	28 TO 30
SCREENED STAYS	26 TO 30
RIVET BOLTS	26 TO 30

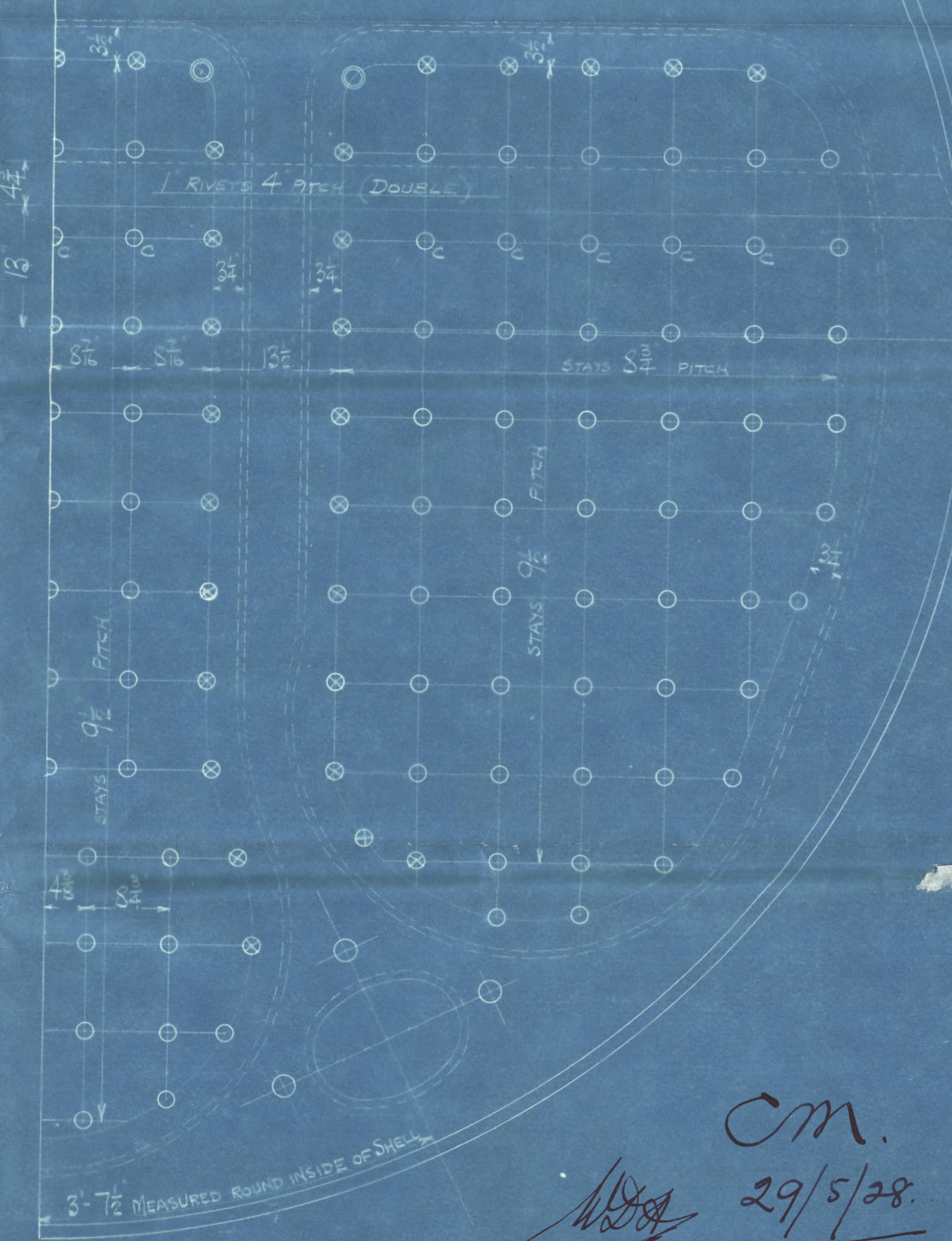
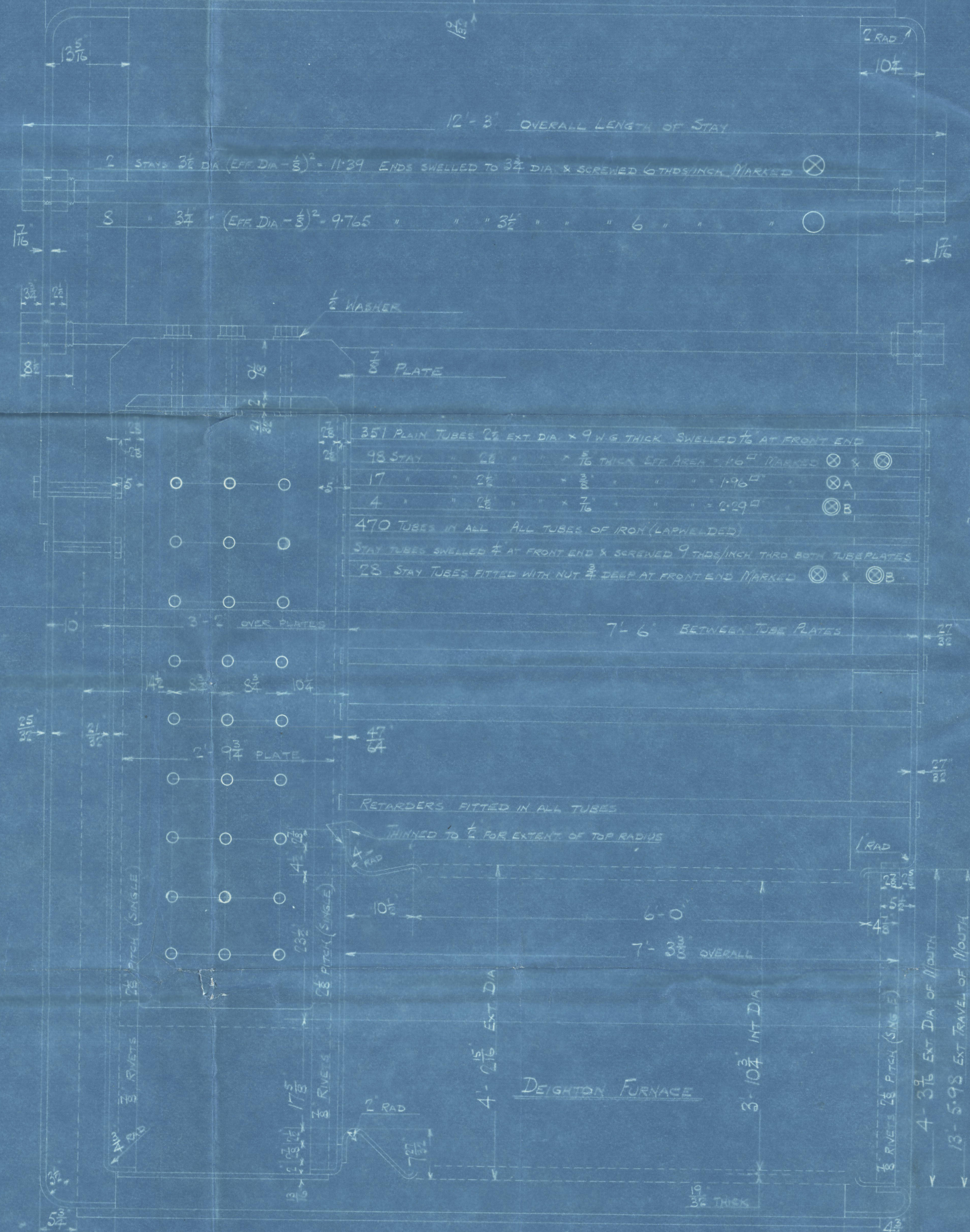
BACK END CIRCUMFERENCE
167 PITCHES OF 9 1/2 = 1566"



FRONT END CIRCUMFERENCE
192 PITCHES OF 9 1/2 = 1818"



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



11-6'
MAIN BOILER -
3 OFF EACH CONT N°
CONT. N° 892-
WORKING PRESSURE 180 LBS. PER SQUARE INCH
TEST 320
TO PARS LLOYD'S SURVEY
SCALE: 1/4\"/>

POSITION	MARK	DIA	THICK	NO.
BACK, TOP & SIDES	0	1 1/8	1.544	9
WIDE SPACE & TOP ROW	8	1 1/8	2.585	9
TOP CORNER	9	2	3.003	9

ALL FIREBOX STAYS SKEWED THRU BOTH PLATES AND NOT FITTED AT EACH END EXCEPT STAYS FROM WING FIREBOX TO SHELL AND STAYS MARKED S IN EACH BOTTOM END WHICH PROTECT S AND ARE QUANTIFIED ALL 1/8\"/>

GLASGOW

D. ROWAN & CO. LTD

(3) BOILERS N^o 892

WP-180 LBS

R. DUNCAN & CO. LTD

S/S N^o 389

N^o 18151
LLOYD'S TEST
320 LBS
WP-180 LBS
L.C.D.
21-12-28

Chaucer

GLASGOW REPORT N^o 49108

Grk. Rpt. No. 19026.



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