

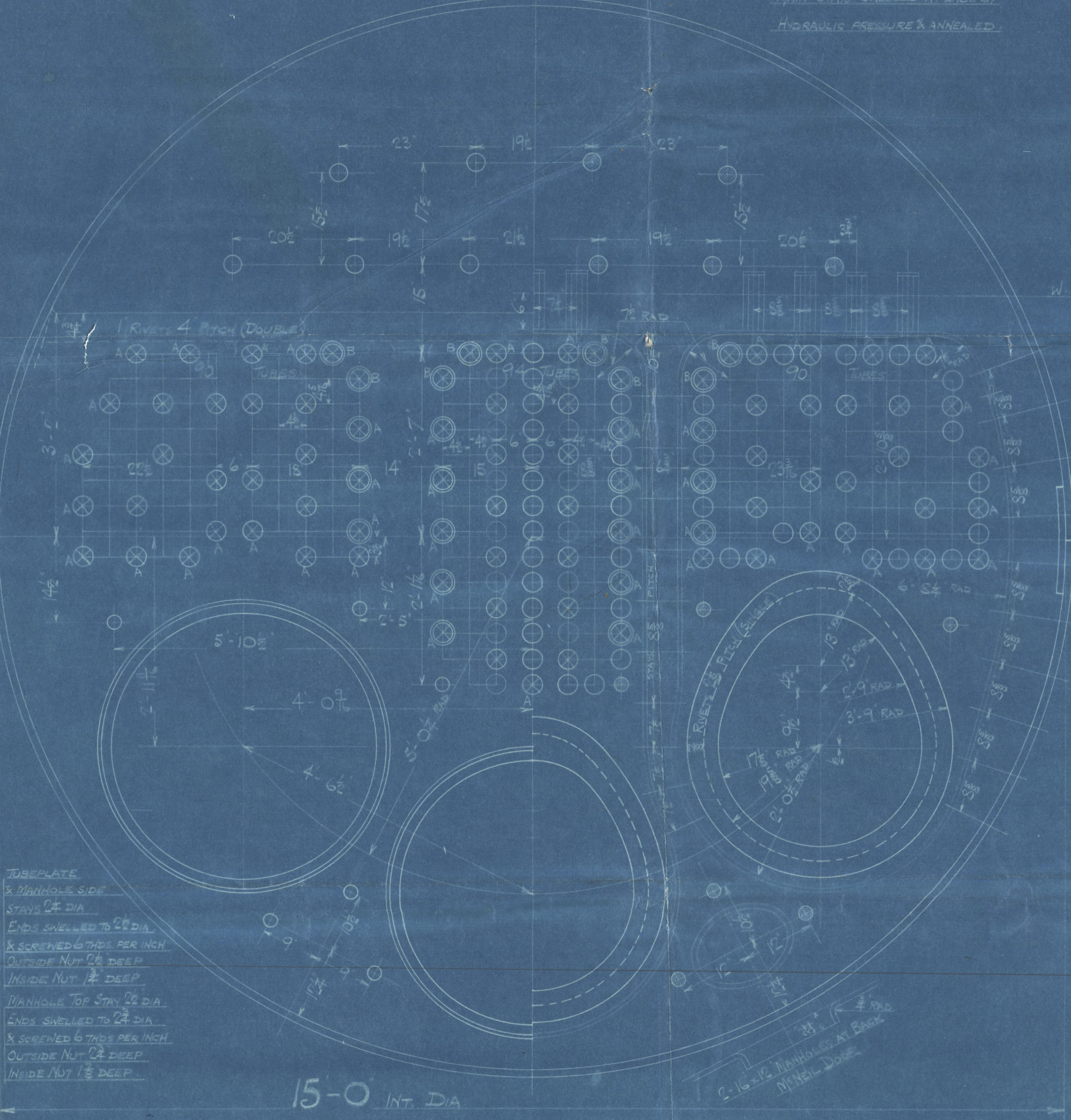
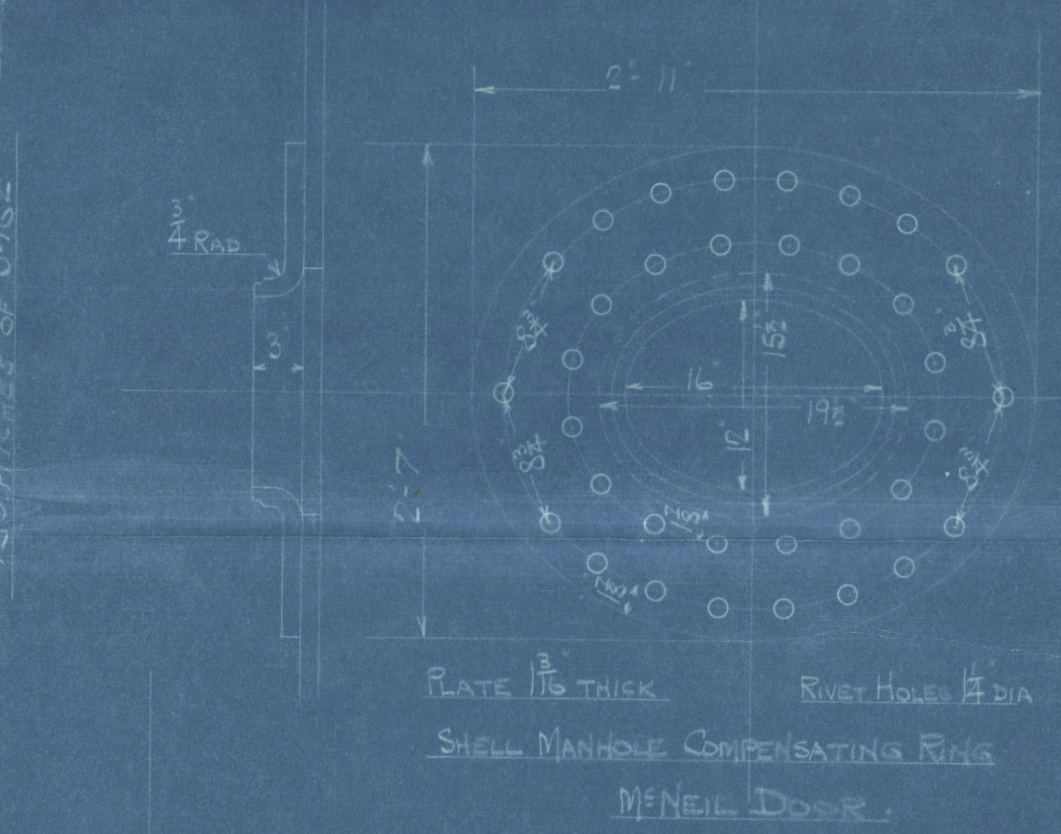
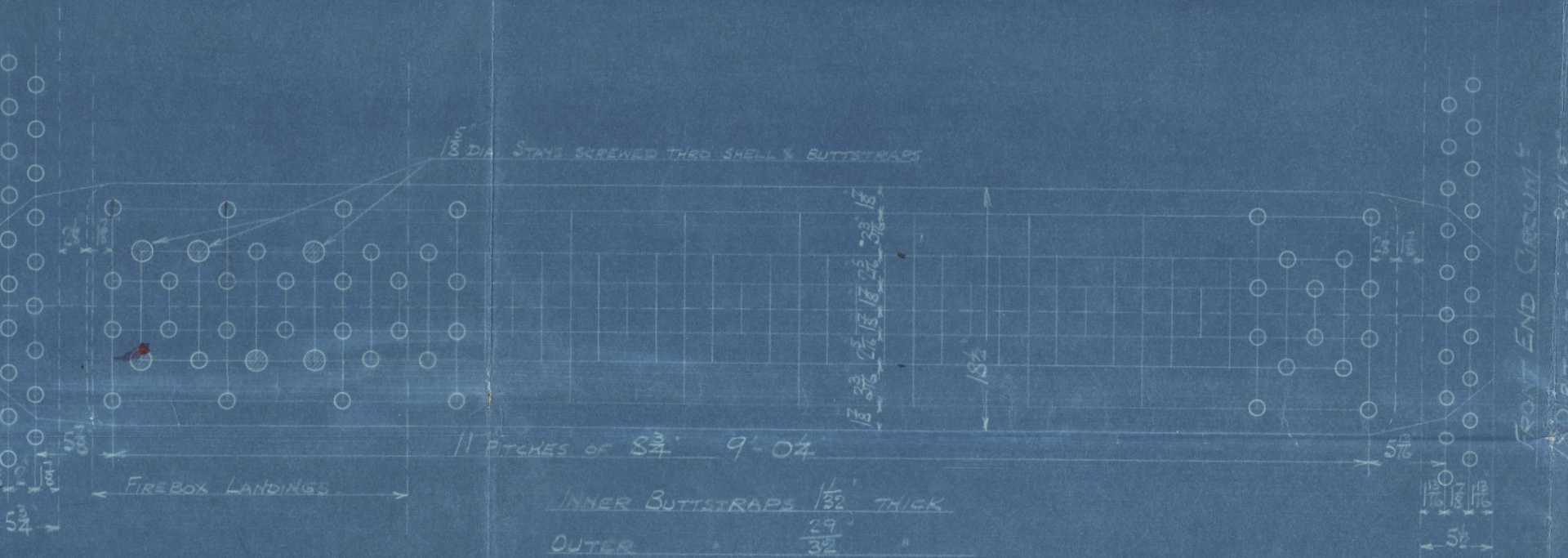
21/5/31

SURFACES	ONE BOILER
TUBES	1622
FIREBOX TOP AND SIDES	143
BACK	50
TUBES PLATE	50
FURNACE	143
TOTAL HEATING SURFACE	2040
GRATE AREA (5-3 BARS)	59
TUBE AREA	10.2
WATER AREA	135
STEAM SPACE	400
HEATING SURFACE	154.5
TUBE	127.5
AREA	4.8
WATER	12.3
STEAM SPACE	16.8
% BOILER ABOVE FIREBOX	20.6
HEIGHT OF WATER	Ten

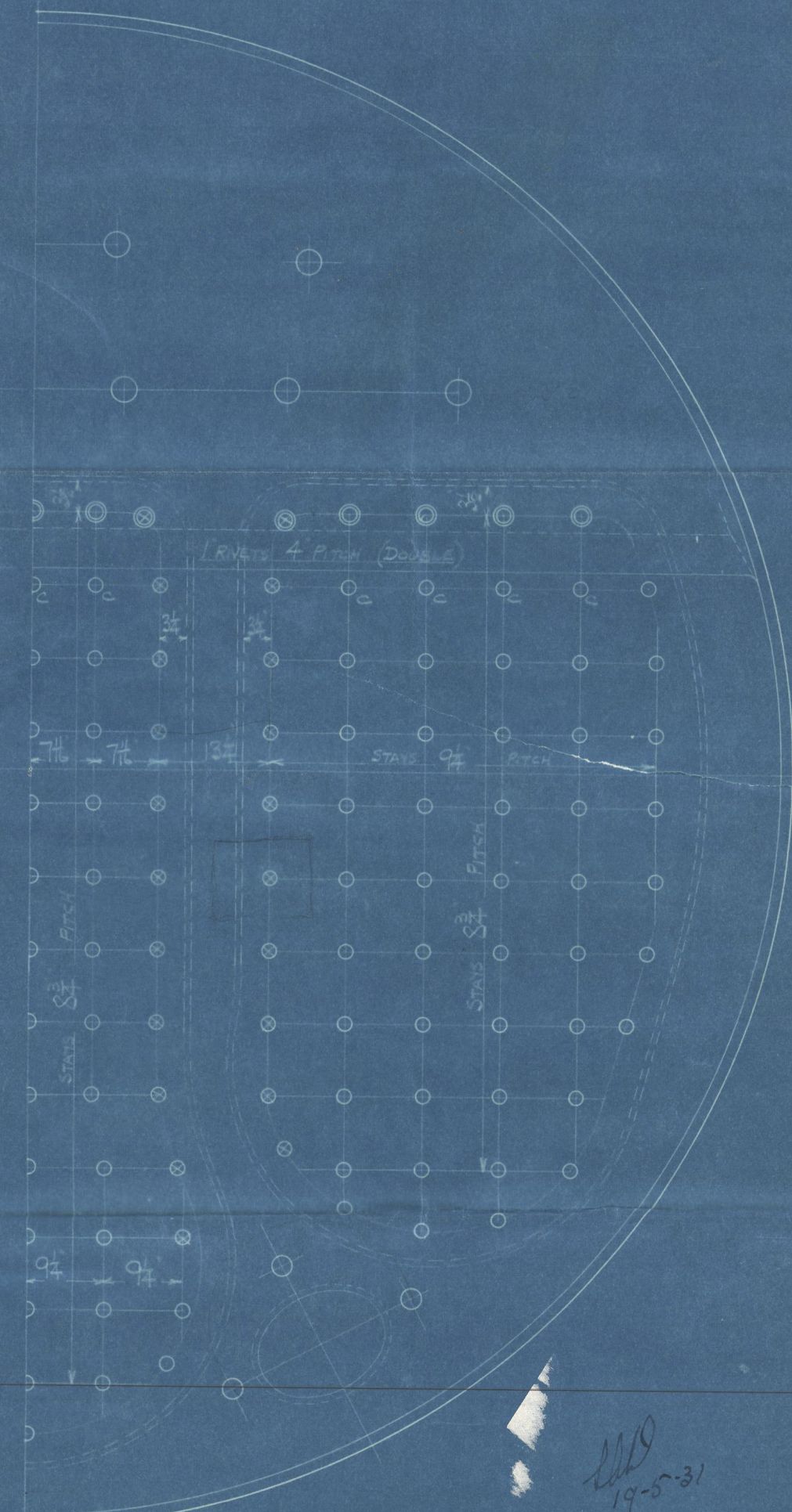
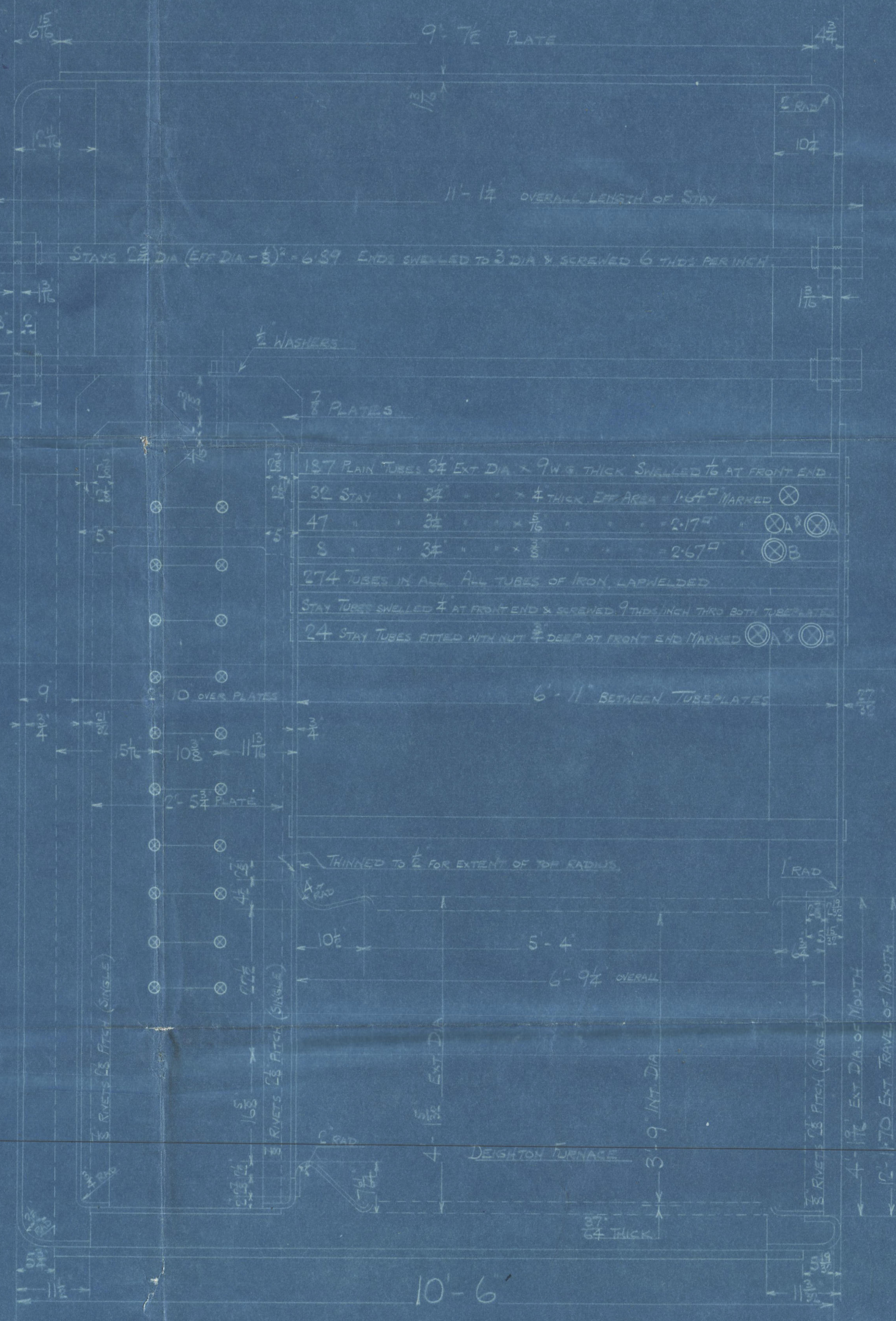
- RIVETS -			
	LONG	BACK END	FRONT END
RIVET HOLE DIA	1/4	1/4	1/4
PITCH	8 3/4	3 2/3	3 1/2
% PLATE	85.7	50.1	65.4
% RIVET	87.6	48.4	46.8
% COMBINED	87.8		

LIMITS OF TENSILE STRENGTH & MATERIAL			
SHELL & BUTTRESS	29 TO 33 TONS		
STAYS	28 TO 32		
OTHER PLATE	26 TO 30		
FURNACE	26 TO 30		
MAIN STAYS	25 TO 28		
SCREENED STAYS	26 TO 30		
RIVET BARS	26 TO 30		

BACK END CIRCUMFERENCE
1/8 PITCHES OF 3.835



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



TUBE PLATE
MANHOLE SIDE
STAYS 1/4 DIA
ENDS SHELL TO 1/2 DIA
X SCREENED 6 THDS PER INCH
OUTSIDE NUT 1/4 DEEP
INSIDE NUT 1/4 DEEP
MANHOLE TOP STAY 1/4 DIA
ENDS SHELL TO 1/2 DIA
X SCREENED 6 THDS PER INCH
OUTSIDE NUT 1/4 DEEP
INSIDE NUT 1/4 DEEP

MAIN BOILER ONE OFF B. 386

WORKING PRESSURE 150 LBS PER SQUARE INCH
TEST 320
TO PASS LLOYD'S SURVEY
SCALE 1/8" = 1 FOOT

WDA ACK
21/5/31

POSITION	BACK	2A	2B	2C
BACK	0	1	1	1
TOP SIDES & BACK WIDE SPACES	3	1	1	1
BACK TOP ROW	1	1	1	1
CORNER	2	1	1	1

ALL FIREBOX STAYS SCREENED THRU BOTH PLATES AND NOT FITTED AT EACH END EXCEPT STAYS FROM WING FIREBOX & SHELL AND STAYS MARKED C IN BACK BOTTOM END WHICH PROTECTS AND ARE CALLED ALL 1/8" DIA NUTS 1/4 DEEP EXCEPT ON GIRTH RINGS WHERE THE OUTSIDE NUTS ARE 1/4 DEEP
ALL 1/8" DIA NUTS 1/4 DEEP



GLASGOW

DAVID ROWAN & Co^{Lo}

(1) BOILER N^o 386

W P 180 LBS

SSELKHOUND

N^o 19014
LLOYD'S TEST
320 LBS
W P - 180 LBS
L. C. D.
11-8-31

GLASGOW REPORT No. 51738

&

GLASGOW REPORT No. 54968

RETAI



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