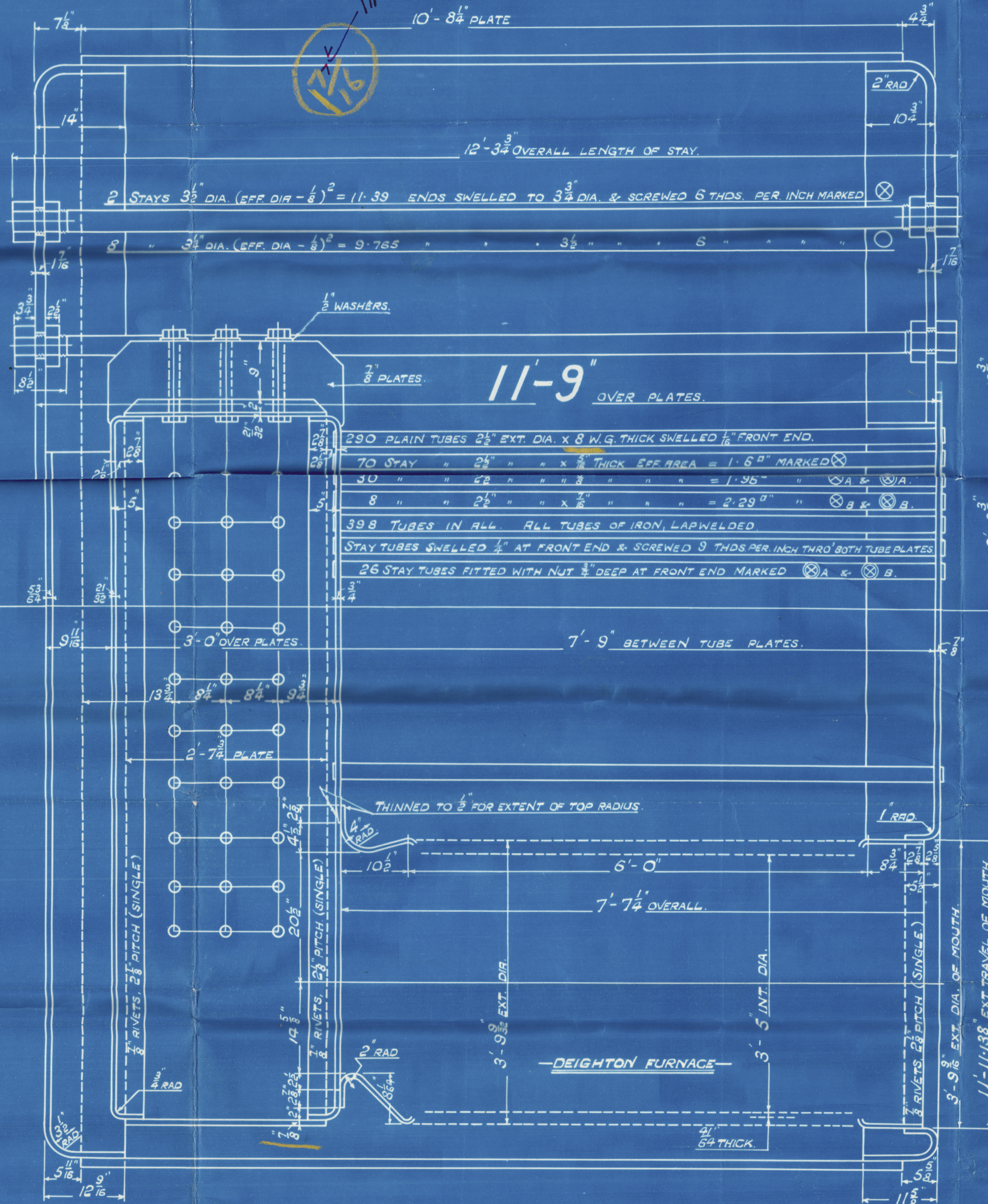
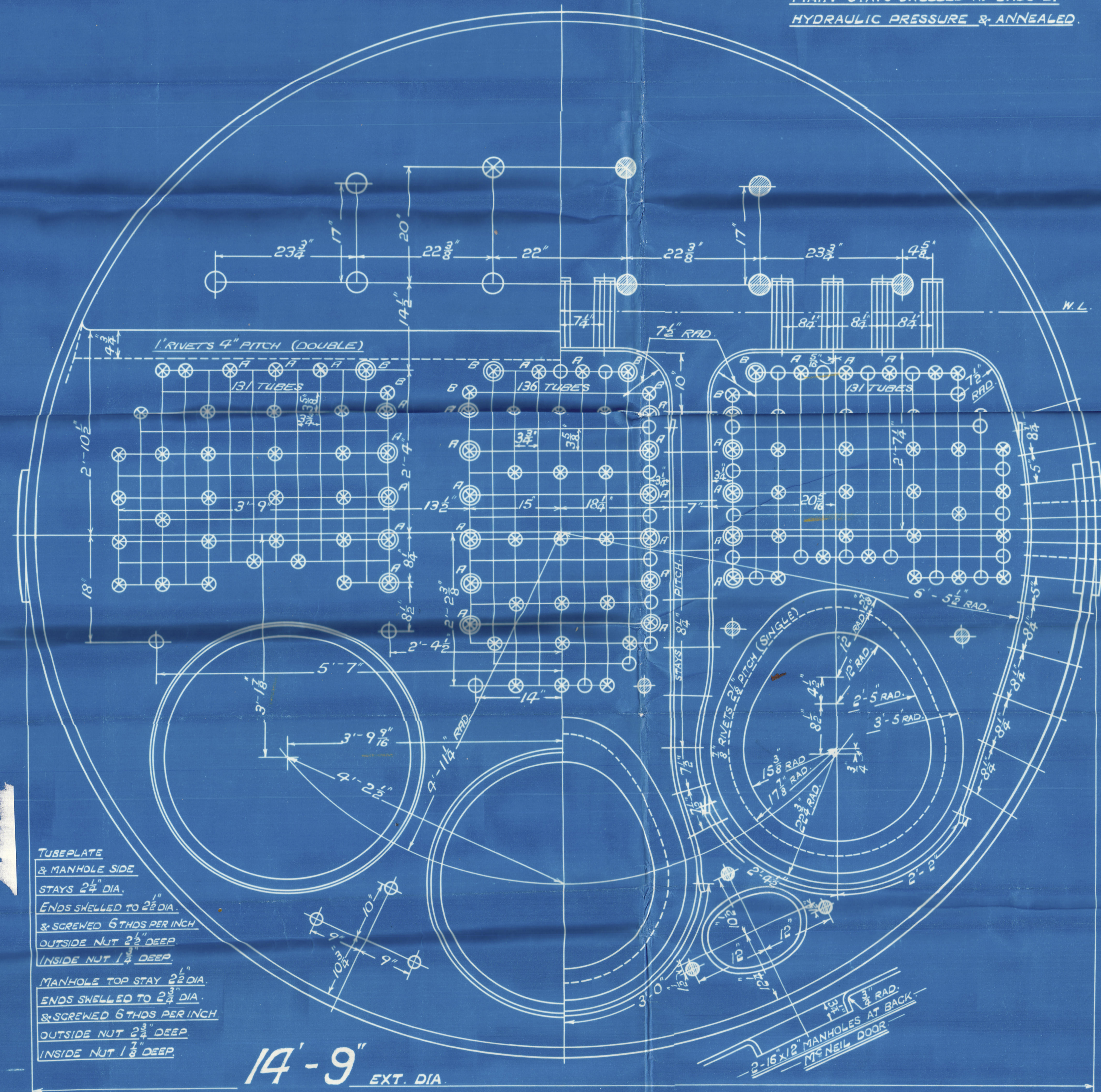
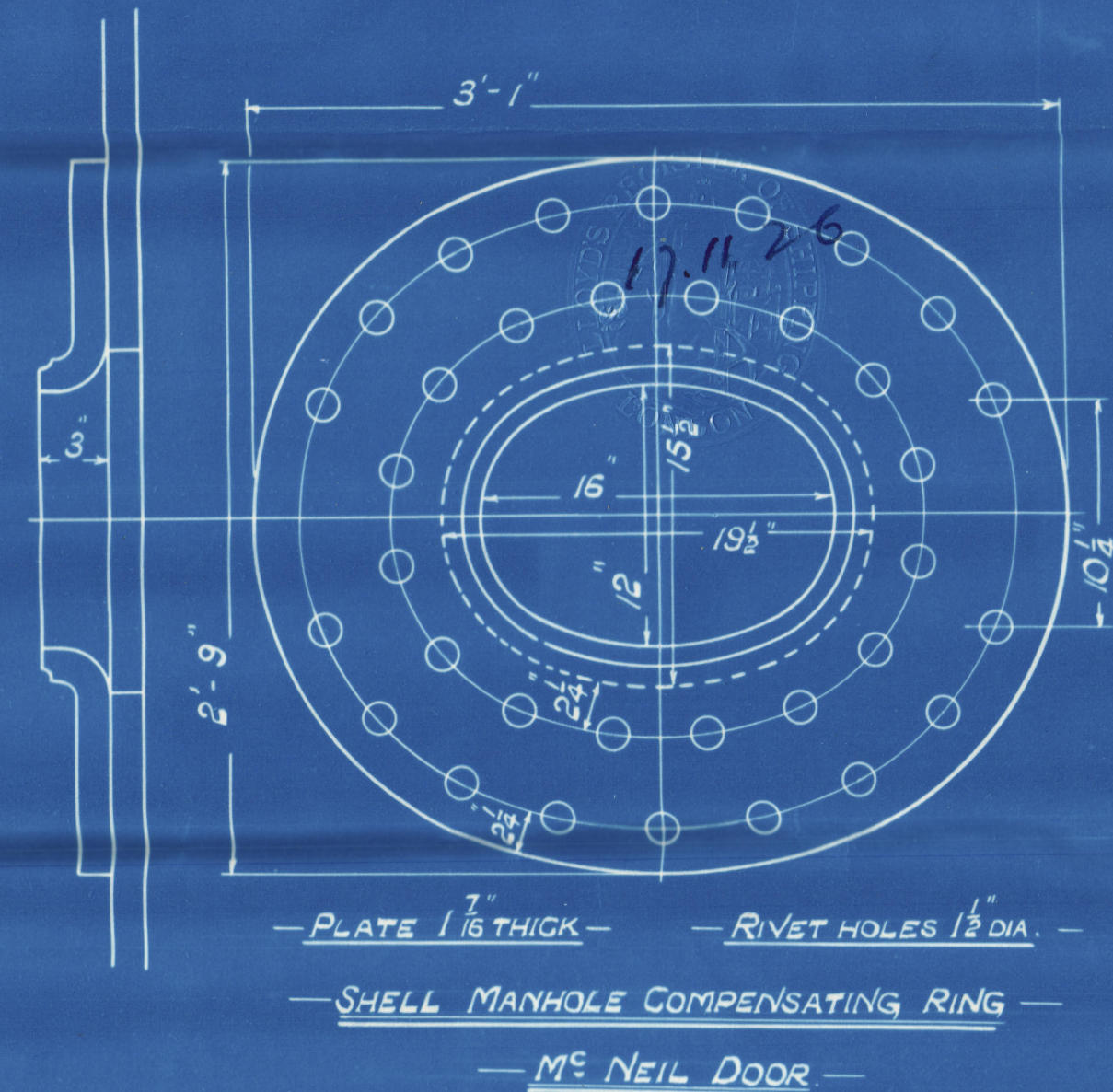
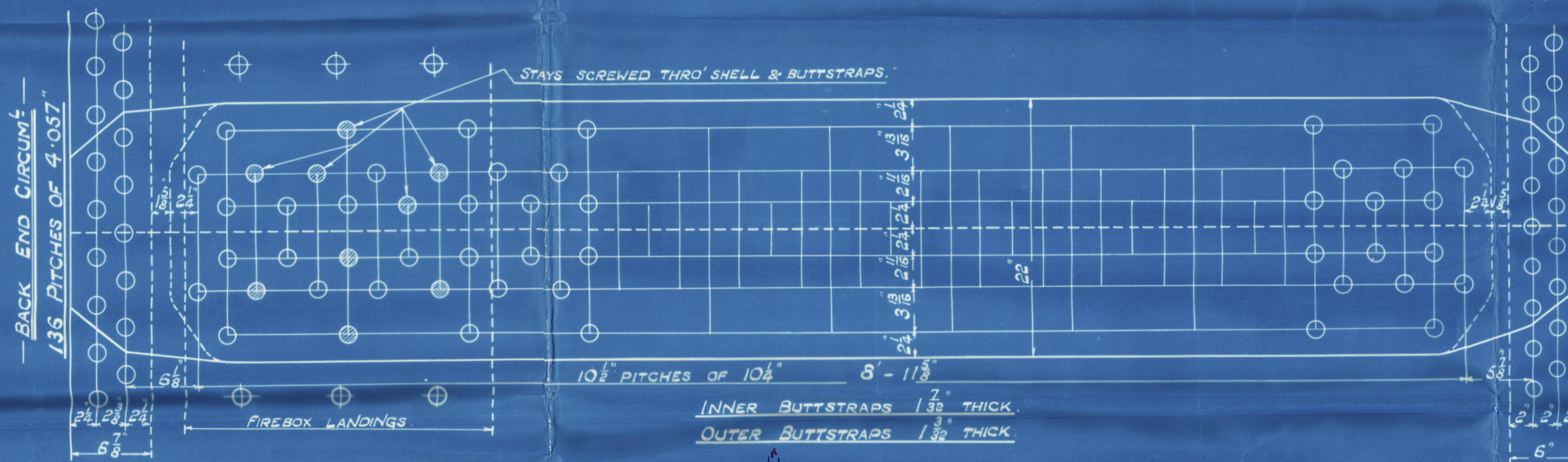


- SURFACES -		- ONE BOILER - 3 BOILERS -	
TUBES	2015 #	6045 #	
FIREBOX TOP AND SIDES	144 "	432 "	
" BACK	71 "	213 "	
" TUBEPLATE	47 "	141 "	
FURNACES	146 "	438 "	
TOTAL HEATING SURFACE	2423 #	7269 #	
GRATE AREA (5' 6" BARS)	56 1/2 "	169 1/2 "	
TUBE AREA	9' 26 "	27' 78 "	
WATER AREA	148 "	424 "	
STEAM SPACE	432 #	1296 #	
" : HEATING SURFACE	1 : 43		
" : TUBE	1 : 35.8		
" : AREA	6.08 : 1		
" : WATER	1 : 2.63		
" : STEAM SPACE	1 : 7.65		
% BOILER ABOVE FIREBOX	31.6		
HEIGHT OF WATER	24 1/2 TONS	73 1/2 TONS	

- RIVETING -			
	LONG	BACK END CIRC.	FRONT END CIRC.
RIVET HOLE DIA	1 1/2	1 1/2	1 1/2
PITCH	10 1/2	4.057	3.405
% PLATE	85.35	63	61.4
% RIVET	92	49.8	45.5
% COMBINED	89.1		

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

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



**MAIN BOILER**  
- 1/2 OFF -  
**CONI No 859**  
- WORKING PRESSURE 220 LBS. PER SQUARE INCH -  
- TEST 380 -  
- TO PASS LLOYDS SURVEY -  
- SCALES: 1' = 1 1/2\"/>

ALL FIREBOX STAYS SCREWED THRO' BOTH PLATES AND NUT FITTED AT EACH END EXCEPT STAYS FROM WING FIREBOX TO SHELL AND STAYS MARKED 'C' IN BACK BOTTOM END WHICH PROJECT 1/2\"/>



32270  
TR No 50516  
TRACED 9TH NOVEMBER, 1926



GLASGOW

D. ROWAN & Co L<sup>d</sup>

~~1(3)~~ BOILERS ~~#~~ N<sup>o</sup> 859

WP-220 LBS

W<sup>m</sup>. HAMILTON & Co

S/S N<sup>o</sup> 399

FORWARD BOILER

N<sup>o</sup> 17615

LLOYD'S TEST

380 LBS

WP-220 LBS

L.C.D.

5-10-24

*Cymbeline*

GLASGOW REPORT N<sup>o</sup> 47322

RETAIN

LR

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