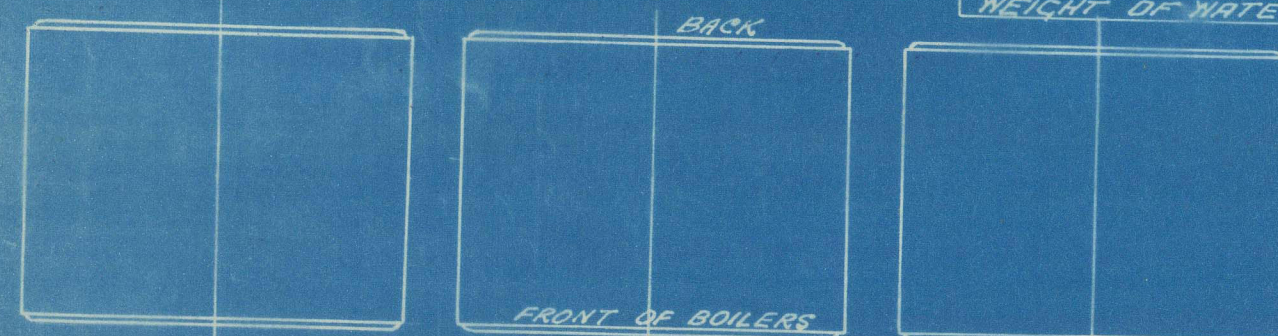
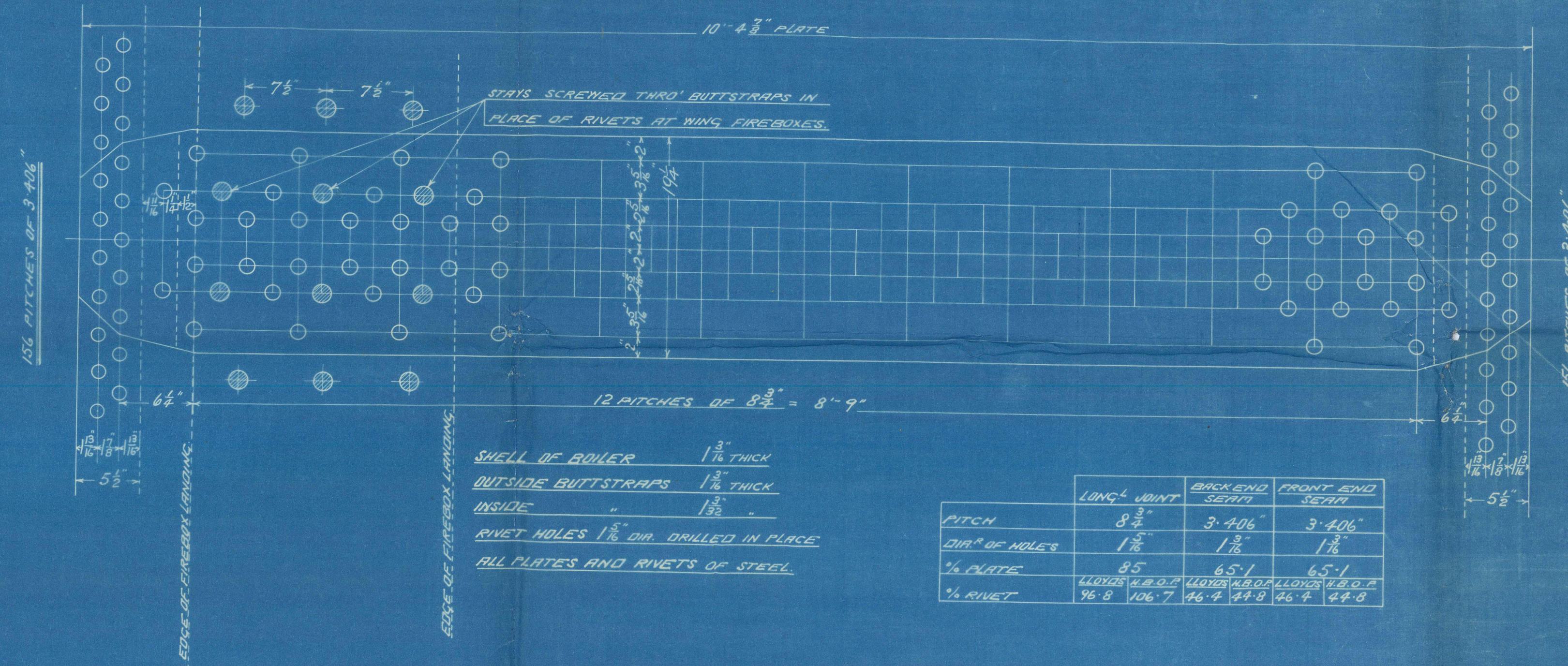
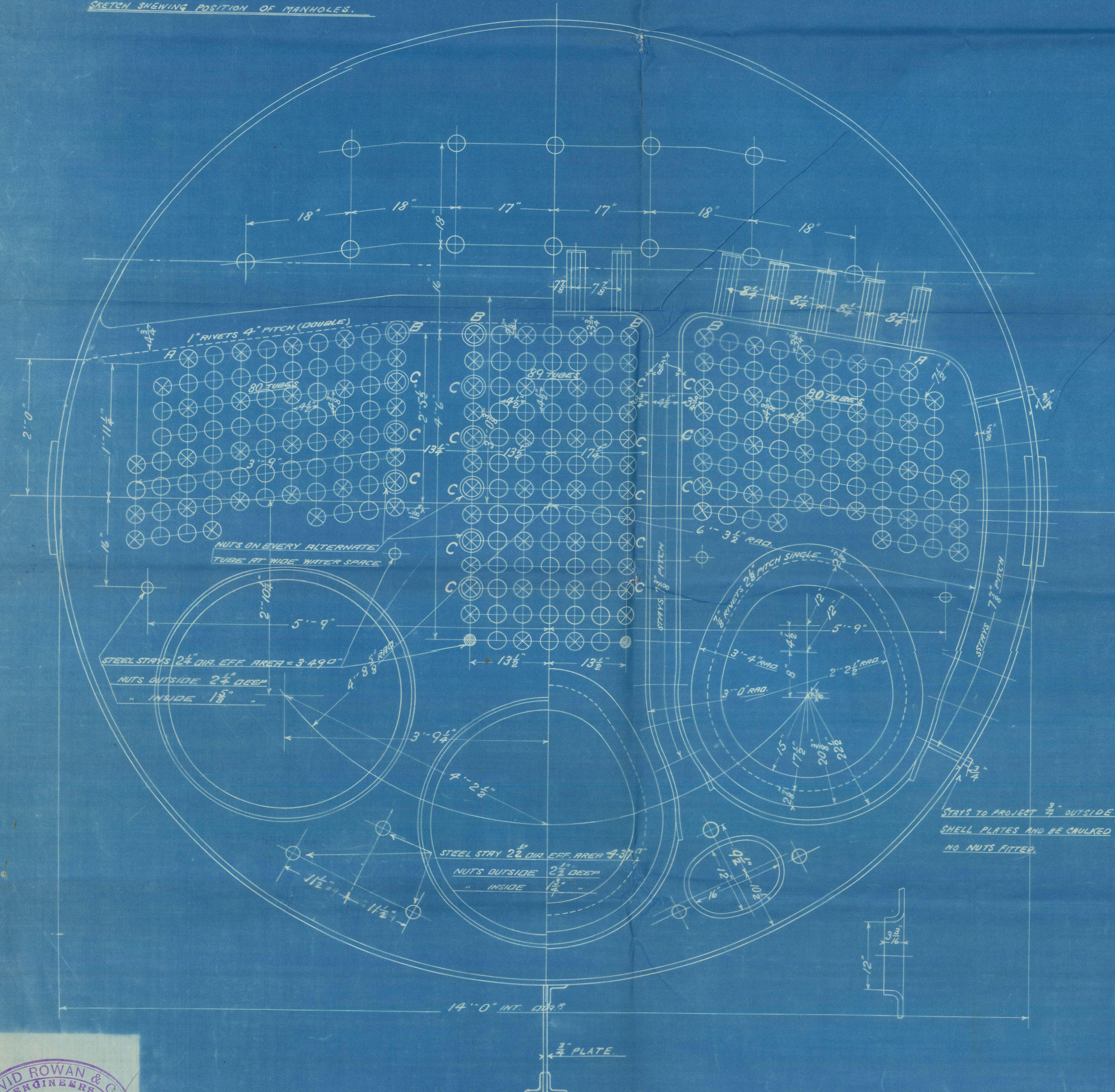


PARTICULARS		
SHELL	1 1/2"	STEEL
INNER BUTTSTRAPS	1 1/2"	
OUTER	1 1/2"	
TOP FRONT & BACK	1 1/2"	
FRONT TUBE PLATE	1 1/2"	
BACK	1 1/2"	
BOTTOM BACK	1 1/2"	
PIPEROCK	1 1/2"	
BOTTOM	1 1/2"	
TOP & SIDES	1 1/2"	
GIRDERS	1 1/2"	
MANHOLE DOUBLING	1 1/2"	
FURNACES	1 1/2"	

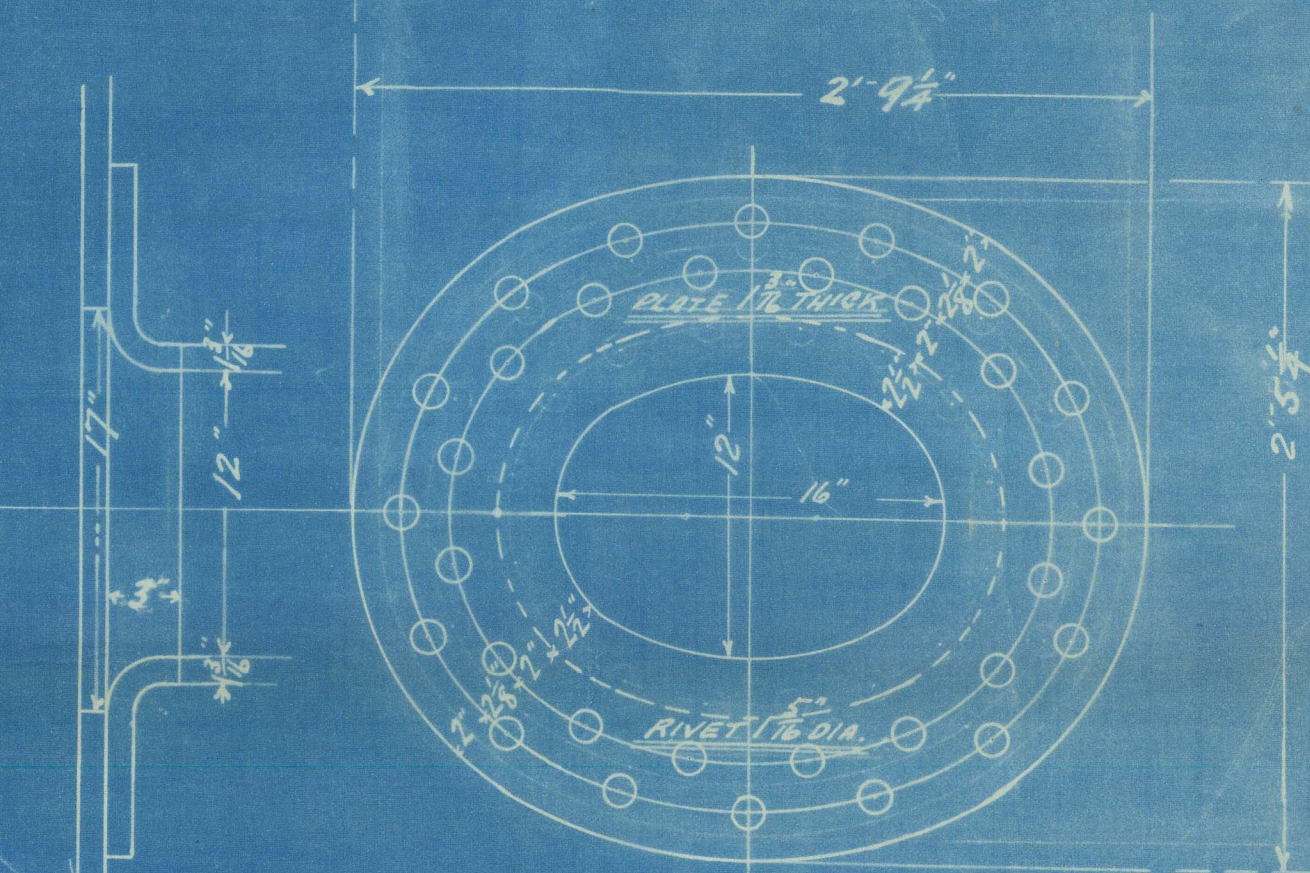
PARTICULARS		
249 TUBES 3 1/2" EXT. DIA. @ 6.381 lb	1589 lb	4767 lb
FIREBOXES	231 lb	693 lb
FURNACES	136 lb	408 lb
TOTAL HEATING SURFACE	1956 sq ft	5868 sq ft
GRATE AREA AT 3'-4" DIA	53 sq ft	165 sq ft
WATER AREA	129 sq ft	387 sq ft
TUBES	1208 sq ft	3609 sq ft
STEAM SPACE	393 sq ft	1005 sq ft
RATIO GRATE AREA TO HEATING SURFACE	1:35.5	
" " " " TUBE	1:28.9	
" " " " AREA	1:21.9	
" " " " WATER	1:2.34	
" " " " STEAM SPACE	1:6.08	
% BOILER ABOVE FIREBOX	30%	
LENGTH OF FIREBOX	5'-6"	
WEIGHT OF WATER	22 TONS	66 TONS



SKETCH SHOWING POSITION OF MANHOLES.

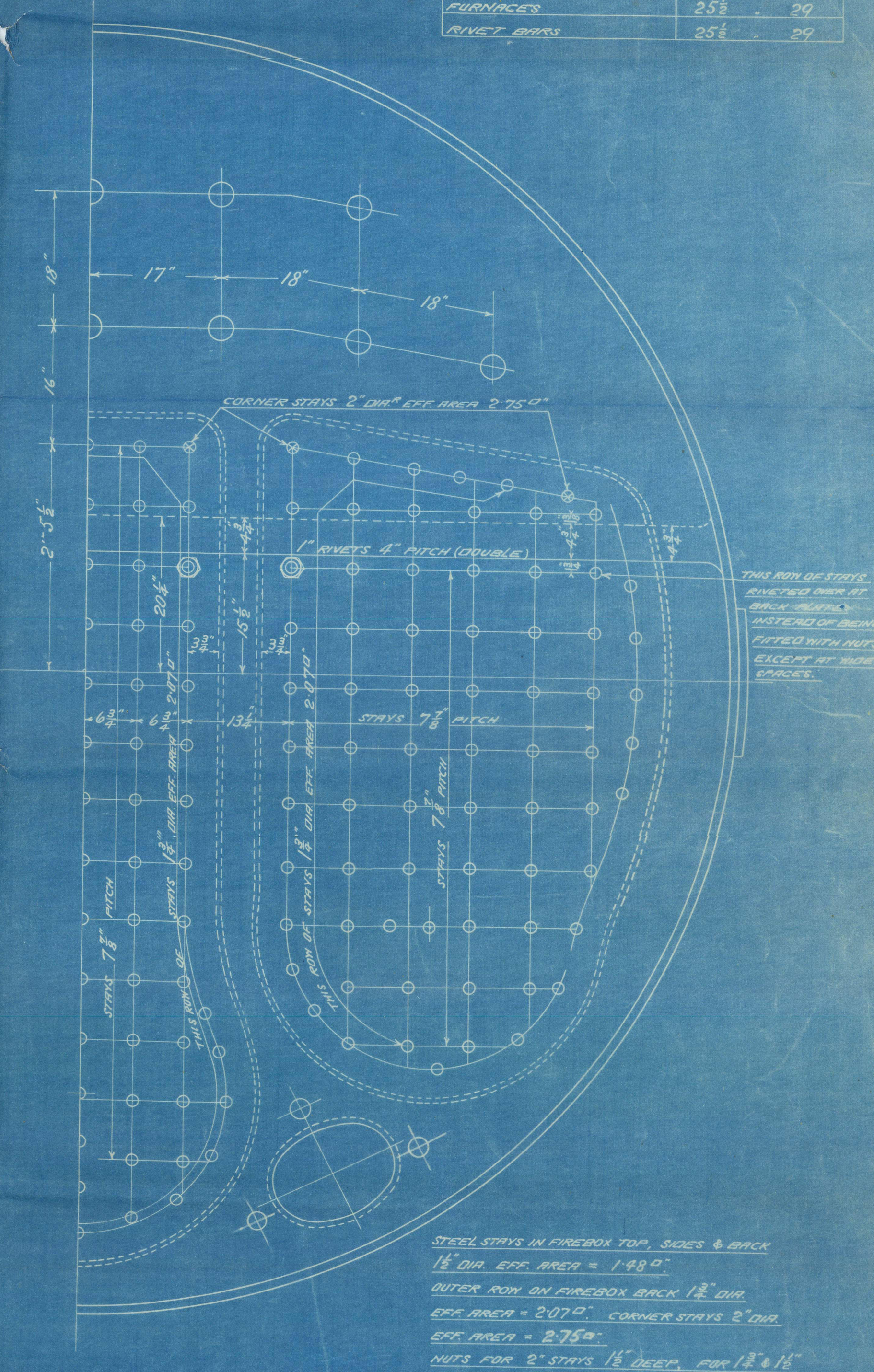
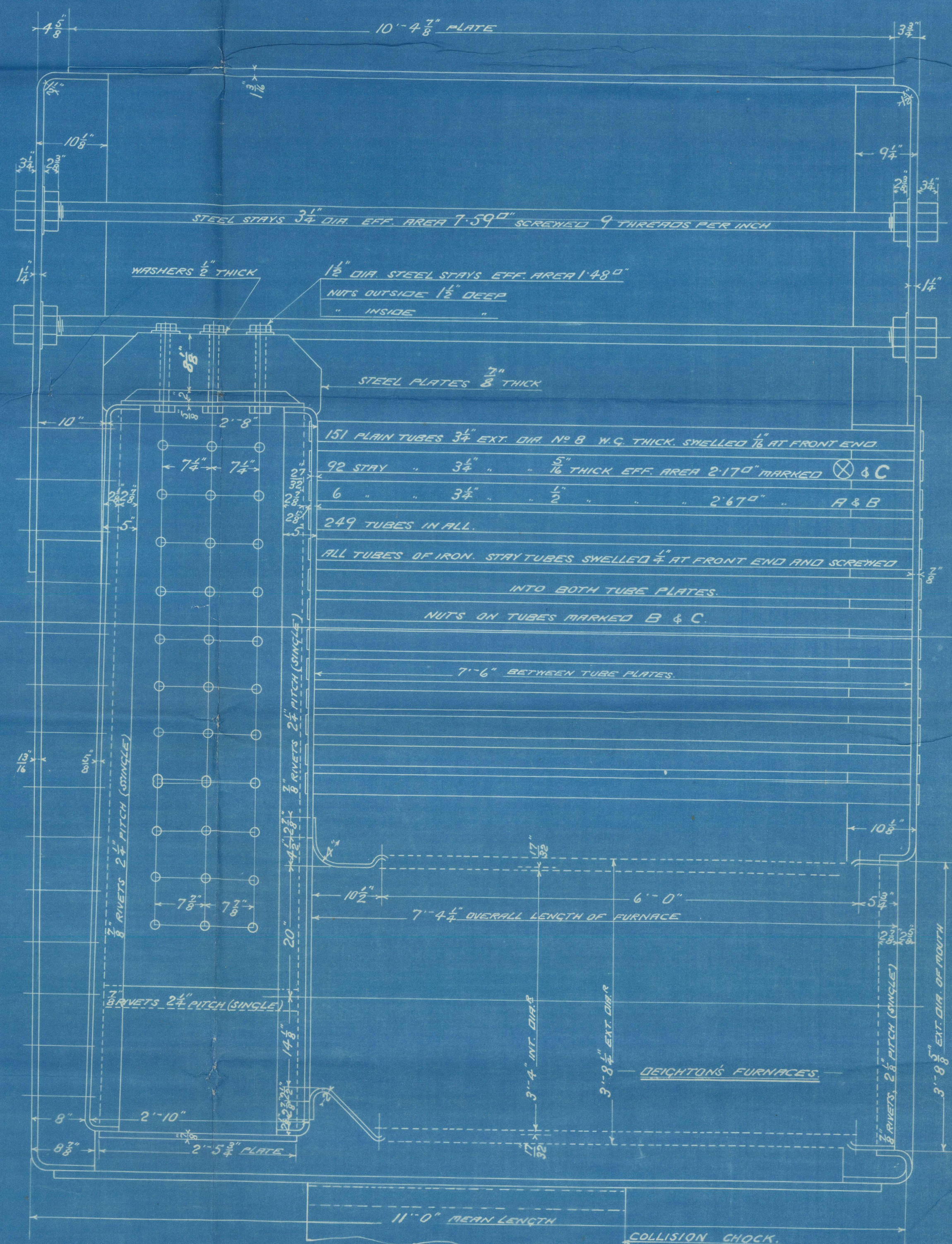


PITCH	LONG. JOINT	BACK END SETTING	FRONT END SETTING
8 1/2"	3'-4 1/2"	3'-4 1/2"	3'-4 1/2"
1 1/2"	1 1/2"	1 1/2"	1 1/2"
1/4 PLATE	85	65/1	65/1
1/4 RIVET	106.7	46.4	46.4



SHELL MANHOLE COMPENSATING RING, MS. NEIL'S.

TENSILE STRENGTHS	
SHELL & BUTTSTRAPS	28.2 TO 31.7
OTHER PLATE	25 1/2
RAIN STAYS	25 1/2
SCREW	25 1/2
FURNACES	25 1/2
RIVET BARS	25 1/2



MAIN BOILERS

FOR
CONT^S NOS 453-4-5-8-9-60-1

3 OFF FOR EACH CONTRACT NUMBER.

WORKING PRESSURE 180 LBS PER SQ. INCH.

TO MESS LLOYDS AND HAMBURG BOARD OF POLICE SURVEYS.

SCALE 1 1/2" = ONE FOOT.



OT 6908

TR 12353

TRACED 1971 APRIL 1906

W1100-0081 1/2

From DAVID ROWAN & CO., GLASGOW.

ENCLOSURE

FOR

Foundation

David Lloyd's Surveyors

105 Daan Rawan, or

H¹⁵ 453/4/2 18/9/60/1

Amended Plans

2^d Strathee

& 2^d Strathee

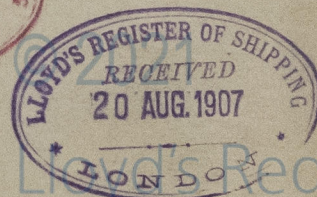
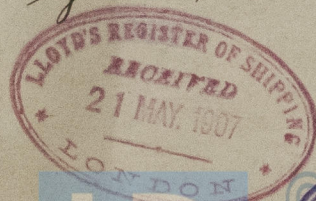
Revised plan for
use with sister vessels

s.s. Strathee

Gls. rpt. No. 25289

s.s. "Strathgarry"

Gls. Rpt. No. 25643



W1100-0081 2 1/2

Lloyd's Register
Foundation