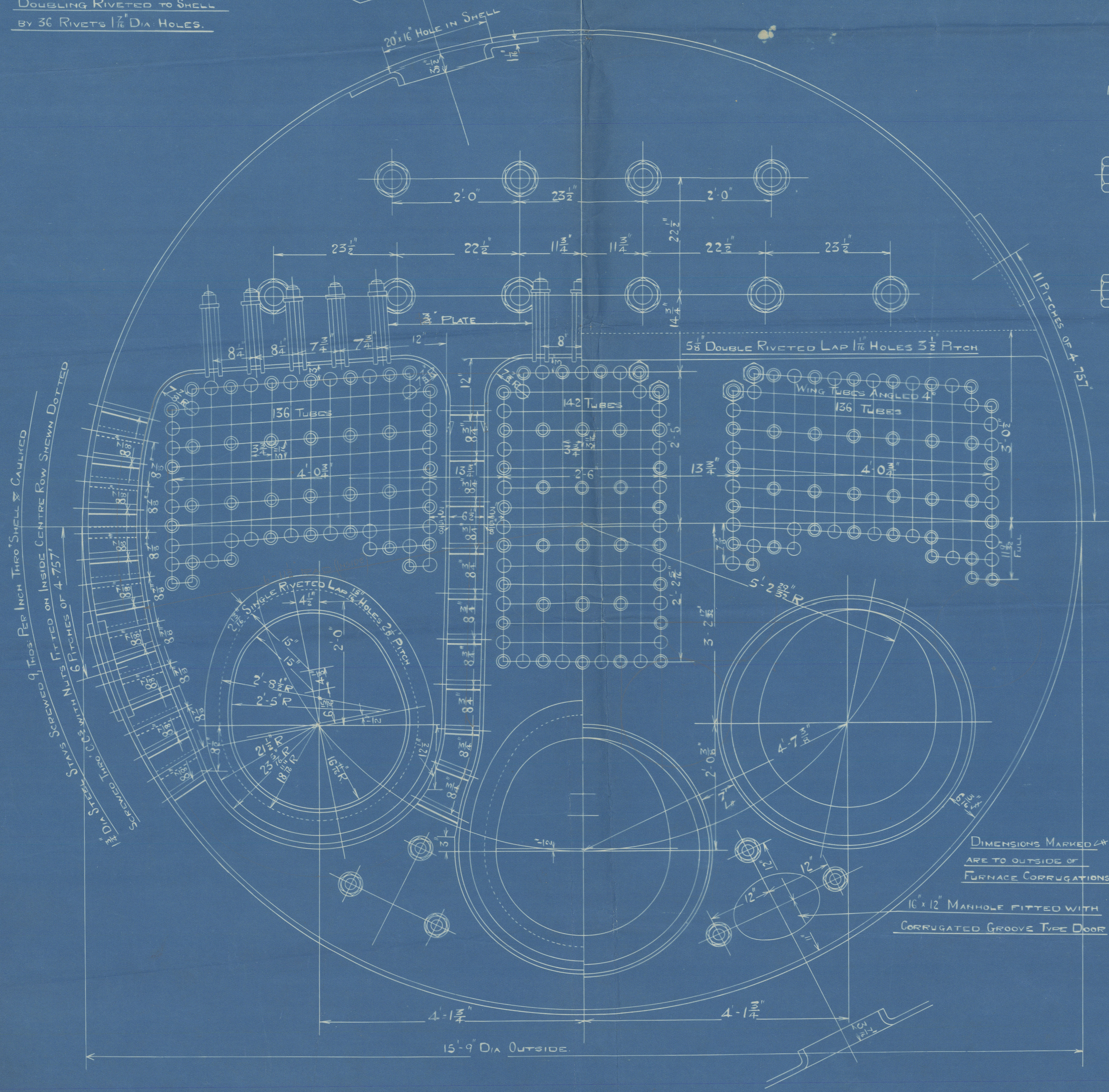
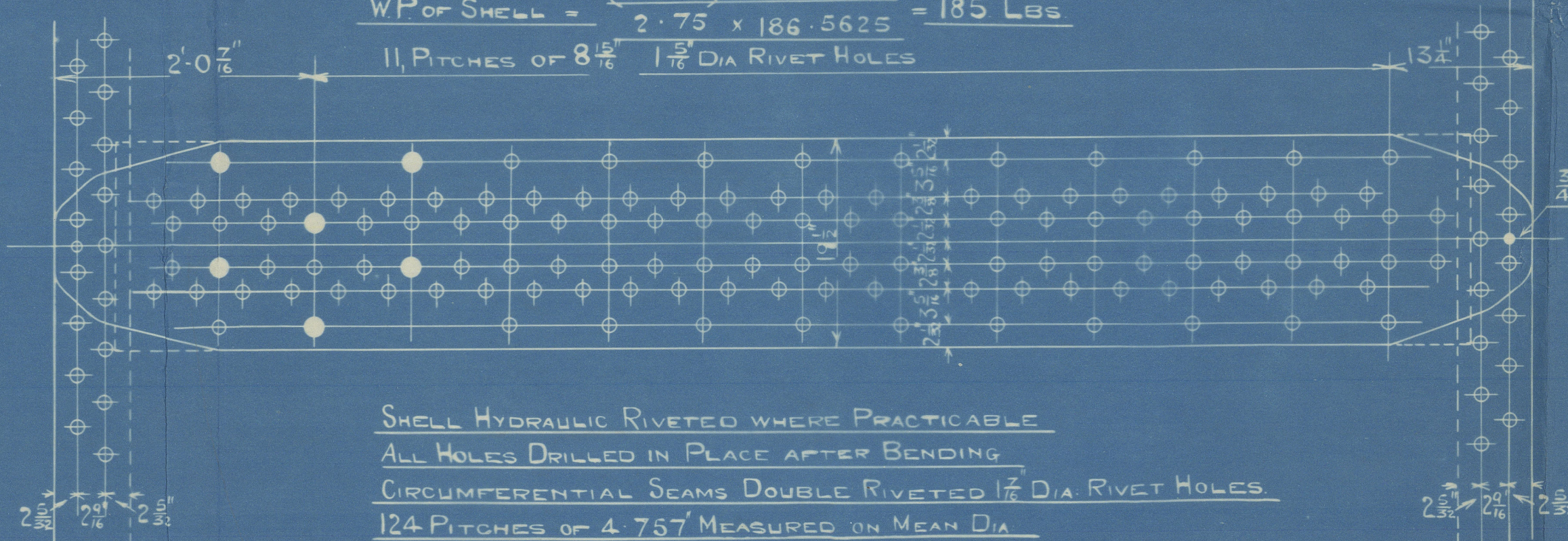


16" x 12" MANHOLE FITTED WITH CORRUGATED GROOVE TYPE DOOR DOUBLING RIVETED TO SHELL BY 36 RIVETS 1 1/2" DIA HOLES.

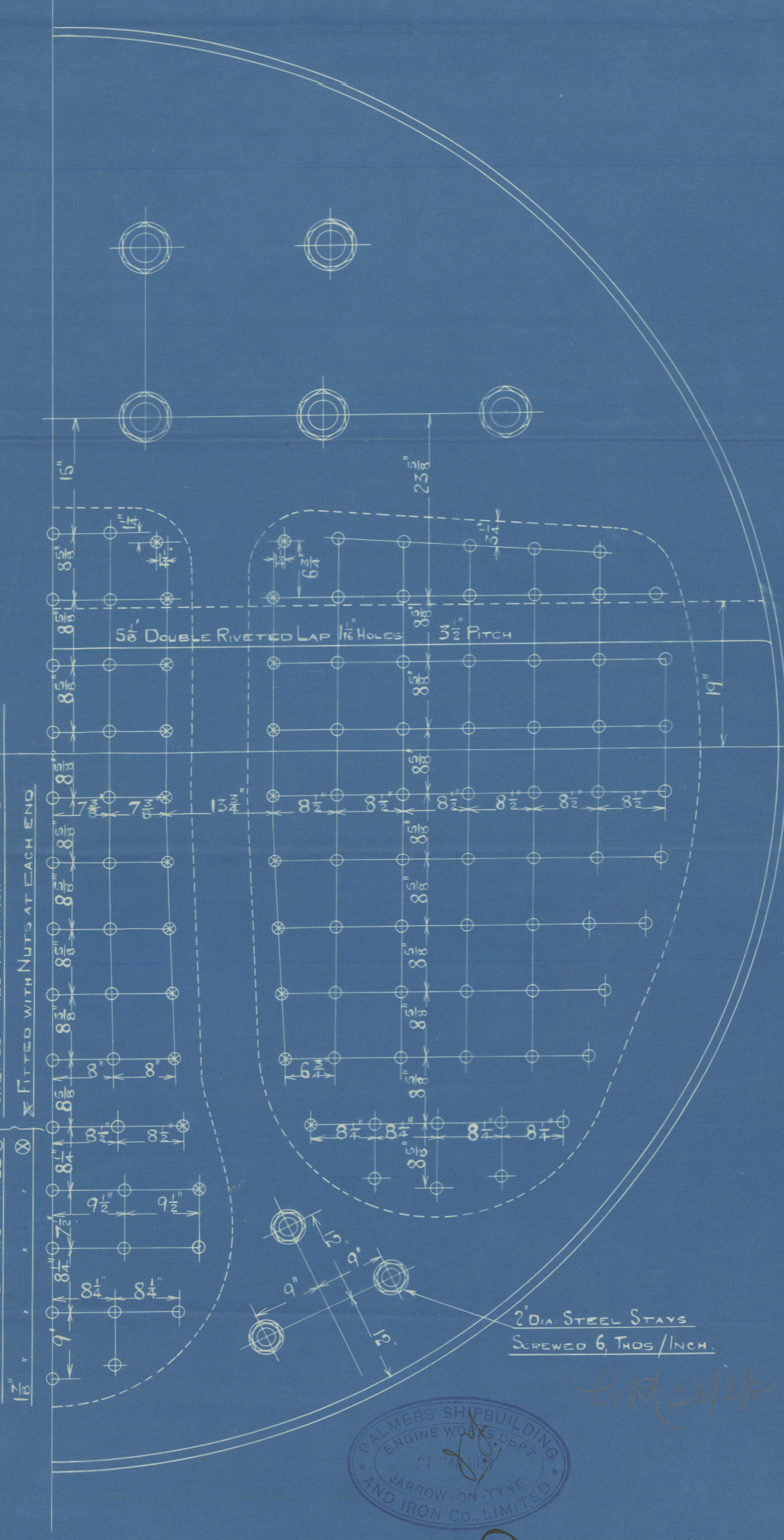
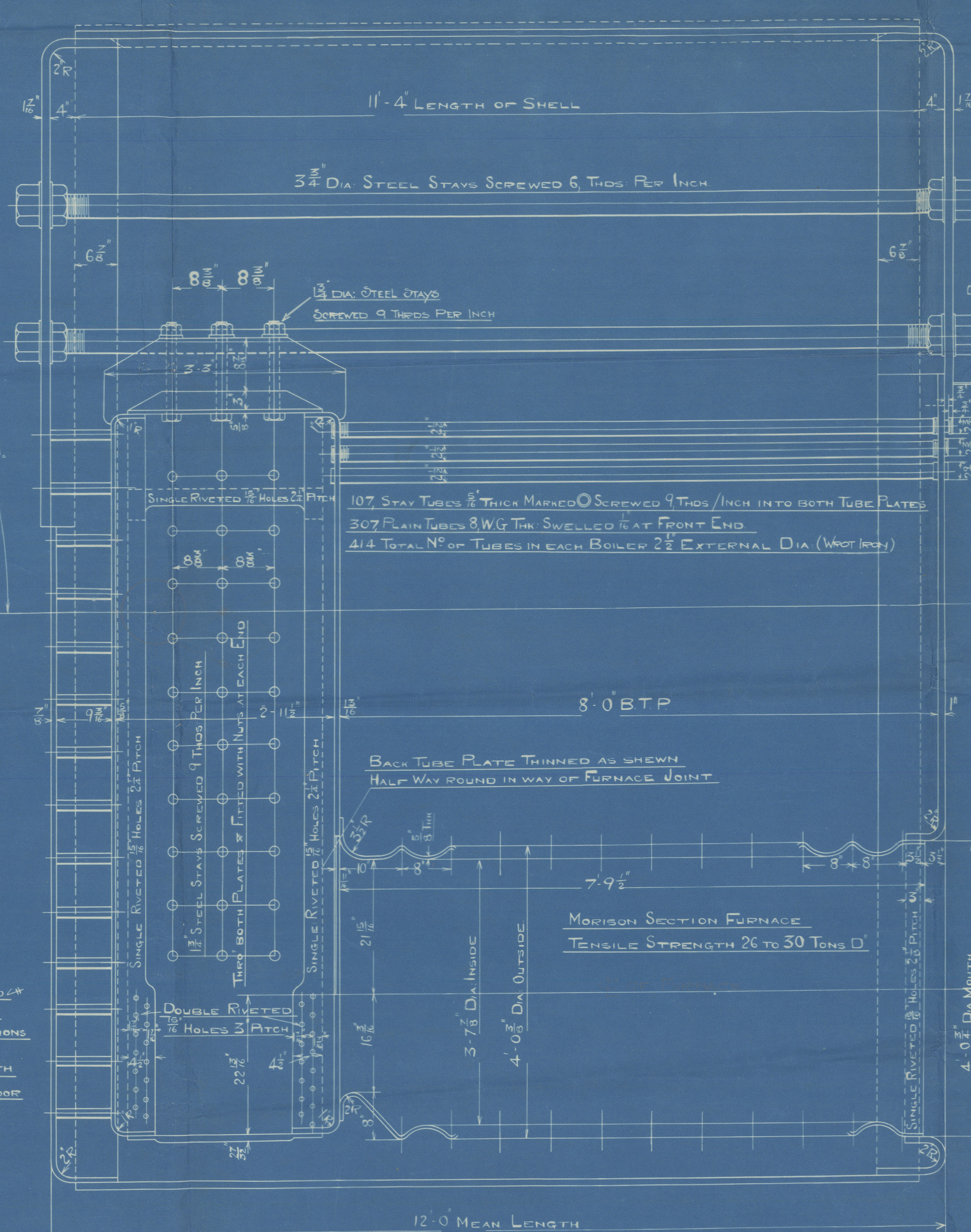


HEATING SURFACE	
4 1/4 TUBES 2 1/2" EXT. DIA 8'-0" BTP	2167 sq
FURNACES	173 sq
COMBUSTION CHAMBERS	250 sq
FRONT TUBE PLATE	48 sq
BACK	42 sq
TOTAL 1 BOILER	2680 sq
3 BOILERS	8040 sq
WORKING PRESSURE = 180 LBS	
TEST = 320 "	LOYDS SURVEY
OIL FUEL ONLY	

W.P. OF SHELL = $\frac{(39-2) \times 30 \times 85.3}{2 \times 75 \times 186.5625} = 185 \text{ LBS}$
 11 PITCHES OF 8 1/2" 1 1/2" DIA RIVET HOLES



SHELL RIVETING
DOUBLE BUTT STRAP JOINTS
 SHELL PLATES 1 1/2" THICK INNER BUTT STRAP 1 1/2" THICK OUTER BUTT STRAP 1 1/2" THICK
 RIVET HOLES 1 1/2" DIA GREATEST PITCH 8 1/2"
 PLATE SECTION 85.3% RIVET SECTION 89.5%
 TENSILE STRENGTH OF SHELL PLATES & BUTT STRAPS 30 TO 34 TONS/D
 FURNACES, COMB CHAMBER & END PLATES 26 TO 30 TONS/D
 GIRDER PLATES 28 TO 32 TONS/D
 MANHOLE RING 26 TO 30 TONS/D
 LONGITUDINAL STAY 28 TO 32 TONS/D
 SCREW PIN
 ALL COMB CHAMBER SCREWED STAYS SCREWED 9 THOS PER INCH
 COMB CHAMBER STAY MARKED 1/8" DIA NUTS 1" DEEP
 1/8" 1/8"



ENG NO 927-32

MAIN BOILERS. (3 OFF EACH ENG NO)
 SCALE 1" = 1 FOOT
 (ALL STEEL EXCEPT WHERE OTHERWISE STATED)

NO 9/927-32
 NO 27907
 RALPHS SHIPBUILDING
 ENGINE WORKS, DEPT.
 HARRISON, ON-THE
 AND IRON CO. LIMITED

Messrs Palmer L B. & Co
Bakers

Numbered 927 + 932

H.P. 180 lb per doz

T.P. 320 lb " "

~~"San Macedonia"~~

~~Nov. 16/66~~

A.S. San Manuel

NEWCASTLE ON TYNE.

Report No. 76258

RETAIN

W491-0061 © 2020

Lloyd's Register
Foundation