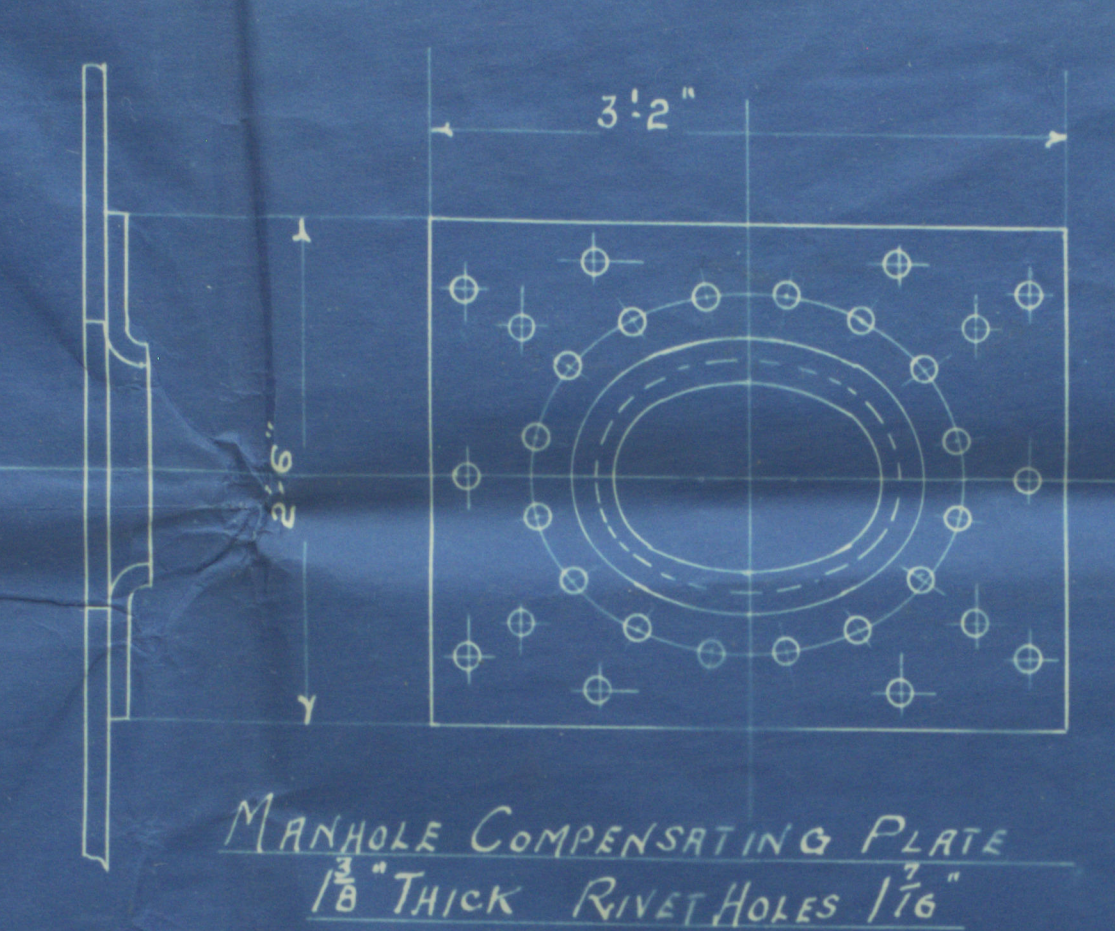
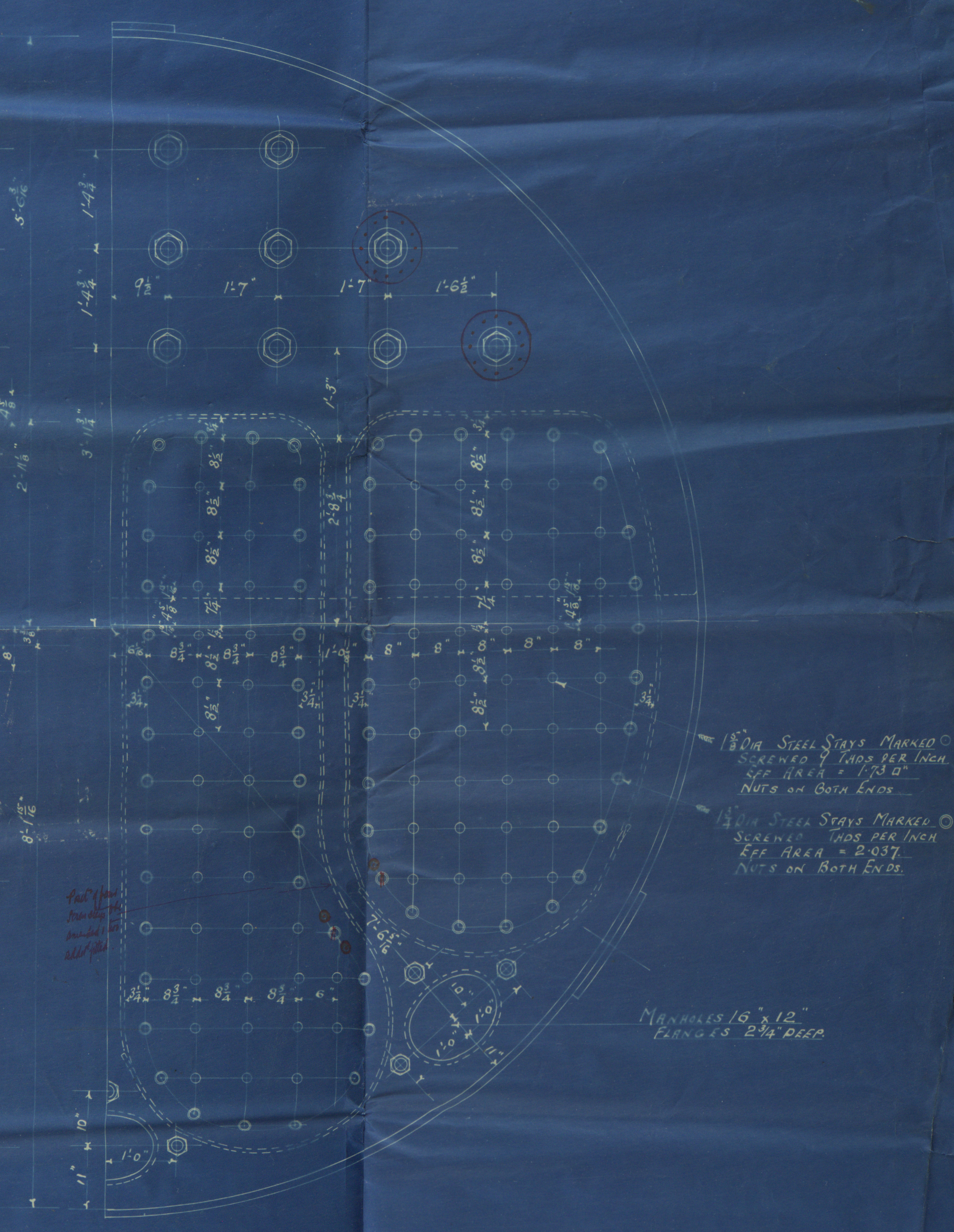
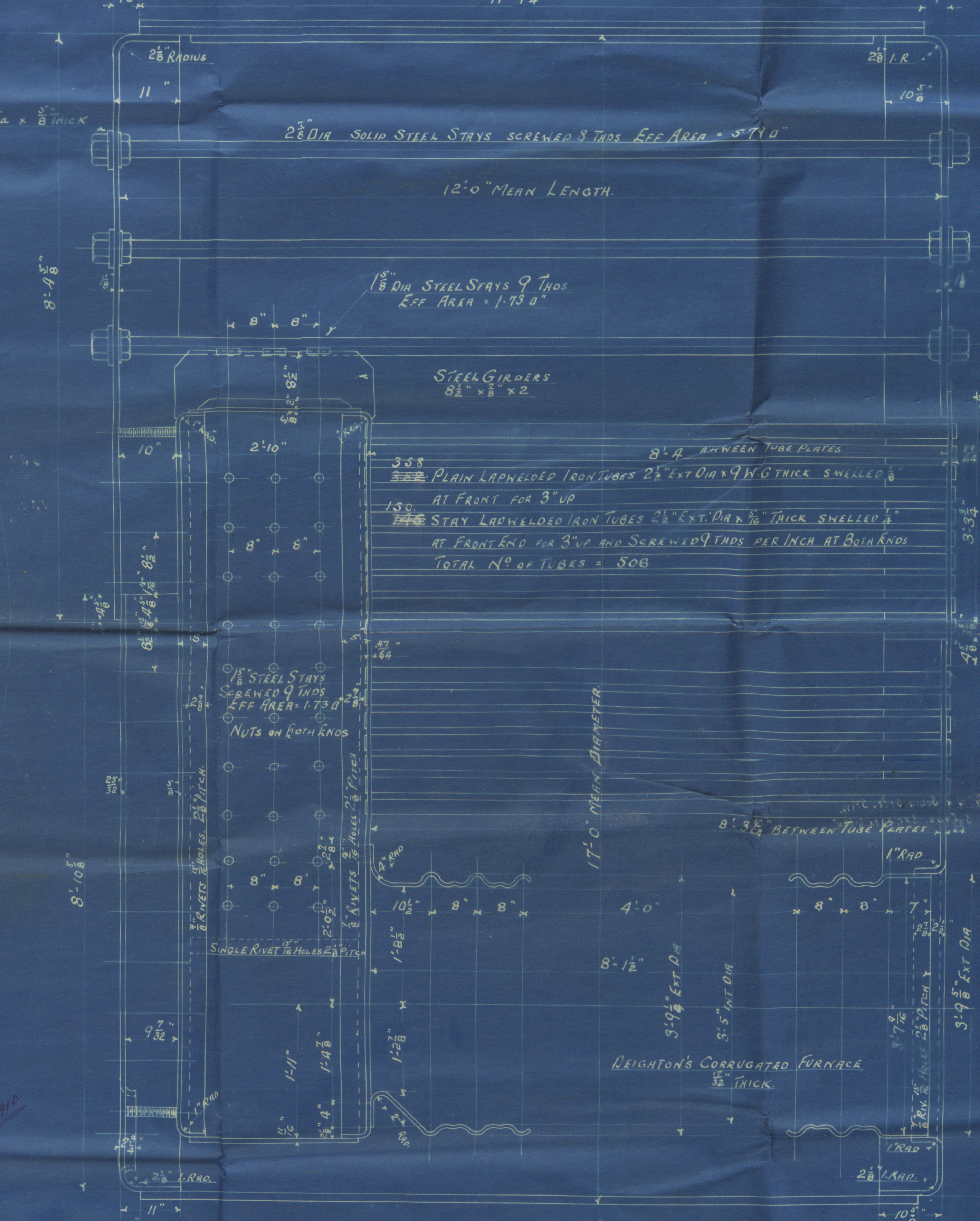
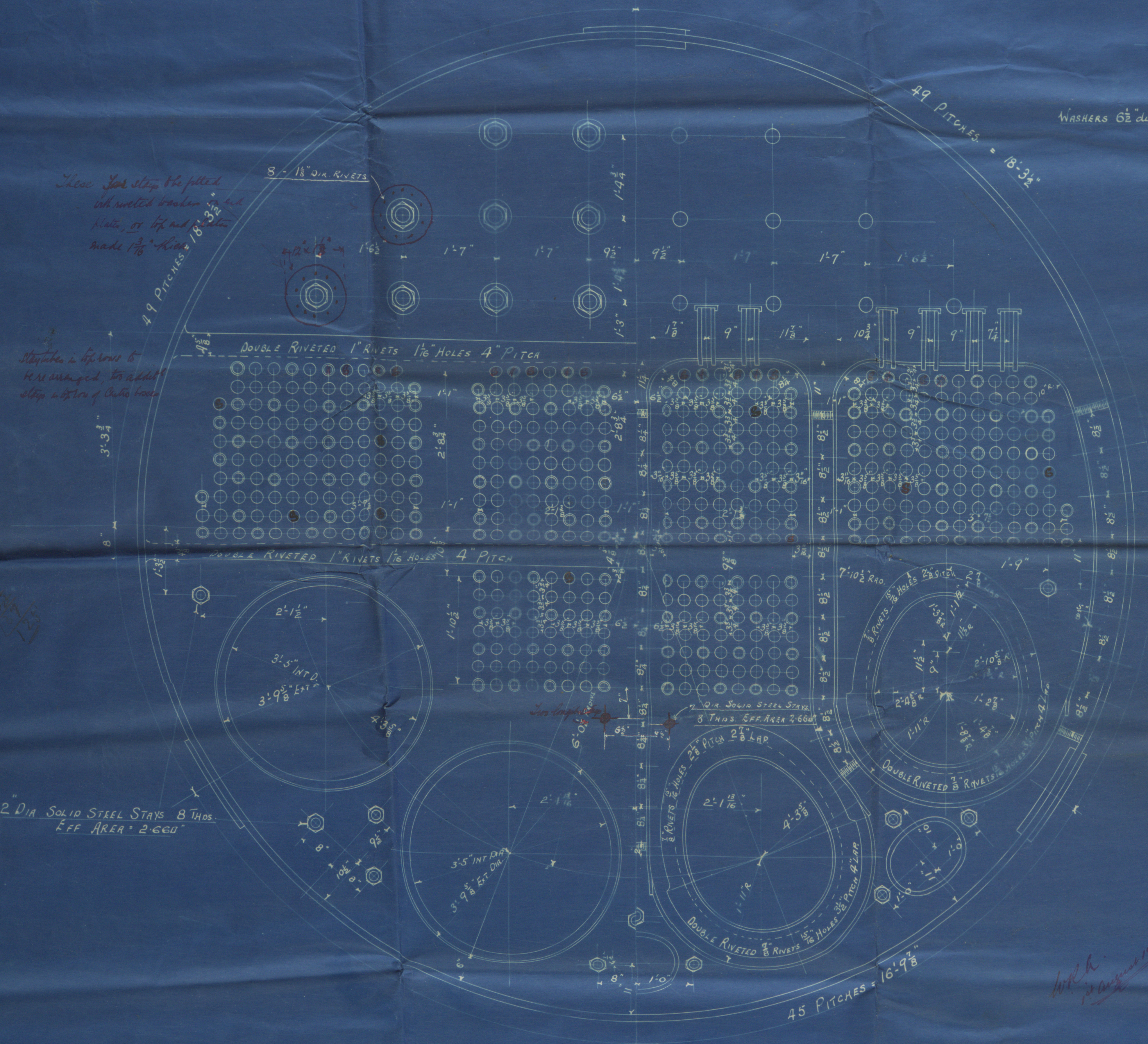
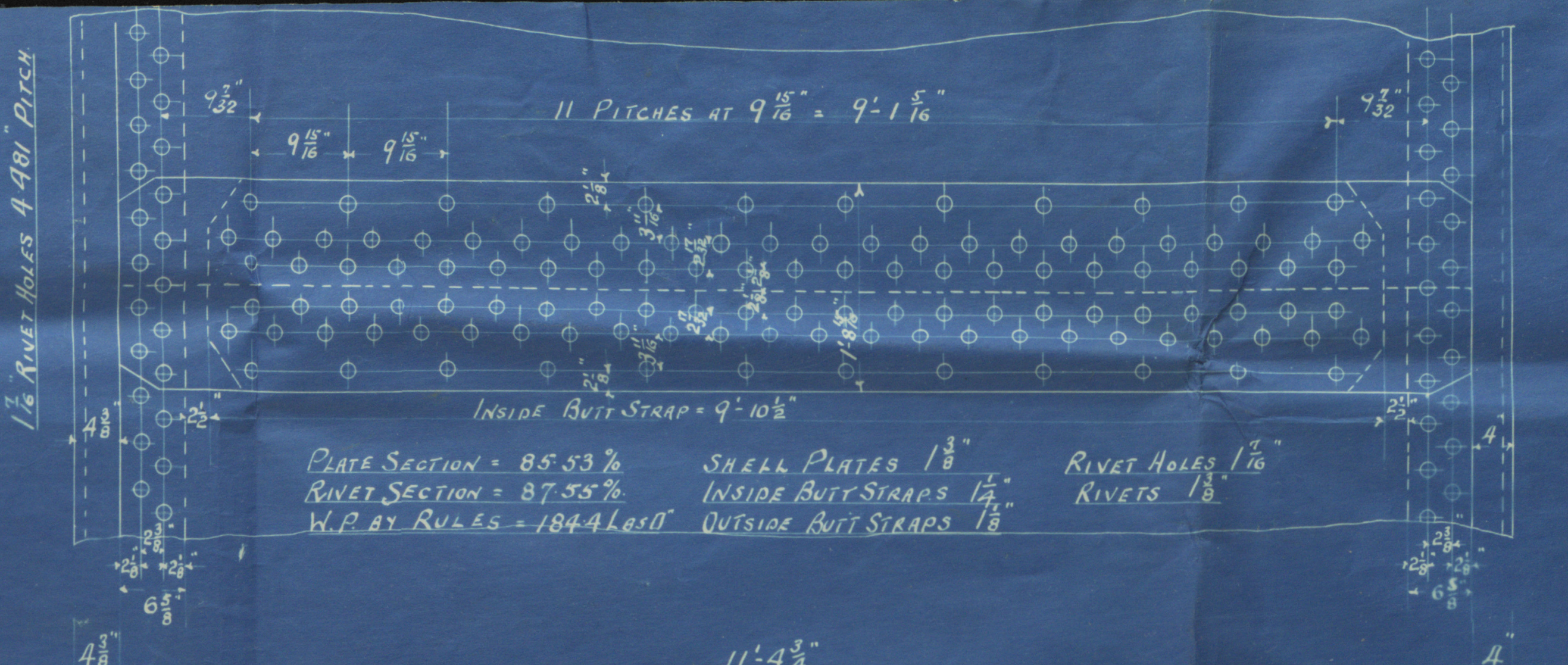


2/3/10



43 Pitches in Circumference
1 1/2 Rivet Holes 4 1/2 Pitch



LONGITUDINAL SEAMS DOUBLE BUTT STRAPS TREBLE RIVETED
CIRCUMFERENTIAL " RIVETED LAP JOINT.
PLATE SECTION = 85.53 %
RIVET " = 87.55 %
PRESSURE BY LLOYD'S RULE = 184.4 LBS PER D
WORKING PRESSURE = 180 LBS PER D
TEST " = 360 " " "
ALL HOLES DRILLED IN PLACE PLATES THEN TAKEN
APART AND BURRS REMOVED.

GRATE AND HEAT SURFACE	
HEAT SURF. OF TUBES	2770 sq. ft.
" " TUBE PLATES	64.5 "
" " C.C. BACKS	100 "
" " C.C. TOPS AND SIDES	198 "
" " FURNACES	216 "
TOTAL H.S. IN ONE BOILER	3348.5 "
" " G.A. " "	78.4 "
RATIO G.A. : H.S.	42.7 : 1
TOTAL H.S. IN TWO BOILERS	6697 sq. ft.
" " G.R. " "	1568 "
FIREBARS 5' 9" LONG IN 2 LENGTHS.	
SAFETY VALVE.	

THICKNESSES.	
SHELL	1 1/2
INSIDE BUTT STRAPS	1 1/2
OUTSIDE	1 1/2
TOP ENDS, FRONT & BACK	1 1/2
BOTTOM END BACK	1 1/2
FRONT TUBE PLATE	1 1/2
BACK TUBE PLATES	1 1/2
WITH C.C. BACKS	1 1/2
CENTRE " "	1 1/2
WITH " TOPS & SIDES	1 1/2
CENTRE " "	1 1/2
C.C. BOTTOMS	1 1/2
GIRDERS	1 1/2
MANHOLE COMP. PLATE	1 1/2

TENSILE STRENGTHS.	
SHELL PLATES	28.32 TONS
BUTT STRAPS	28.32 "
MANHOLE COMP. PLATE	28.32 "
OTHER PLATES	26.30 "
LONGITUDINAL STAYS	28.32 "
SCREWED STAYS	26.30 "
RIVET BARS	26.30 "
FURNACES	26.30 "
GIRDER PLATES	28.32 "



APR 29/10
JRM
2/8/10

MARINE BOILER NO 376
17' 0" MEAN DIA x 12' 0" MEAN LENGTH. WORKING PRESSURE 180 LBS PER D
TO LLOYD'S SURVEY AND REQUIREMENTS
TWO OFF THIS SCALE: 1" = 1 FOOT.
29. JULY. 1910.

Manu Boeris

No 376.

by

J. Kineaid & Co L^d

for

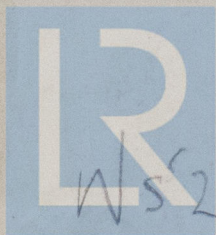
W Stanuclon 1674ⁿ & 220^s.

180 lbⁿ "working press"



S. Santa Rosalia
Greenock Report No. 16123

TUE. OCT. 31. 1911



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Lloyd's Register
Foundation