

STEEL BOILER.

DRAWING N^o 3845.

PARTICULARS OF MATERIAL.

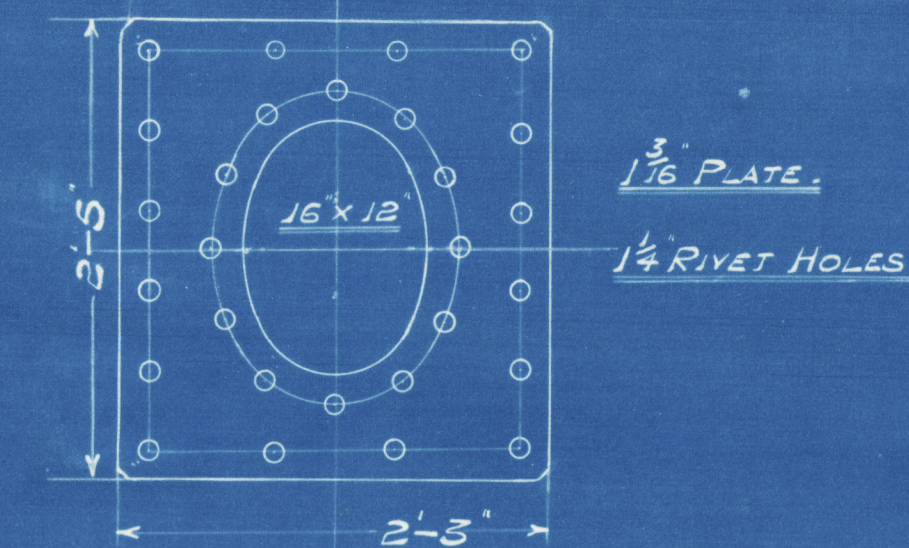
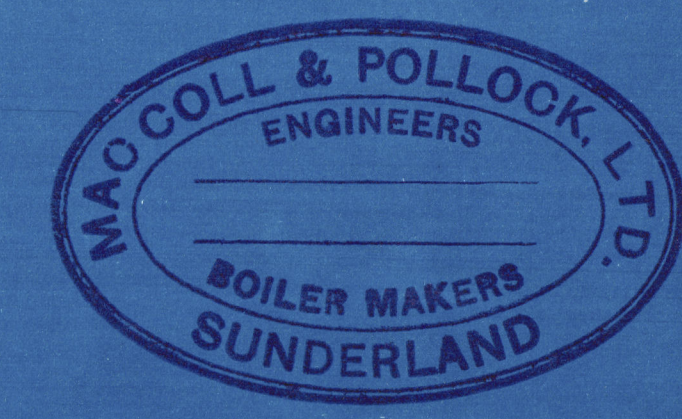
DESCRIPTION.	MATERIAL.	TENSILE STRENGTH.
SHELL PLATE BUTTSRAPS & MANHOLE PLATE	STEEL	25½ TO 33 TONS
GIRDERS.	STEEL	28 TO 32 TONS
ALL OTHER PLATES.	STEEL	26 TO 30 TONS
MAIN STAYS.	STEEL	28 TO 32 TONS
SCREWED STAYS.	STEEL	26 TO 30 TONS
RIEVETS.	STEEL	26 TO 30 TONS
TUBES.	IRON	—

15'-6" EXTERNAL DIA. 10'-6" TOTAL LENGTH.
 130 LBS WORKING PRESSURE 360 LBS TEST PRESSURE
 TO PASS LLOYDS SURVEY.
 SCALE, 1" = 1 FOOT
 1 OFF THUS.

22/1/15

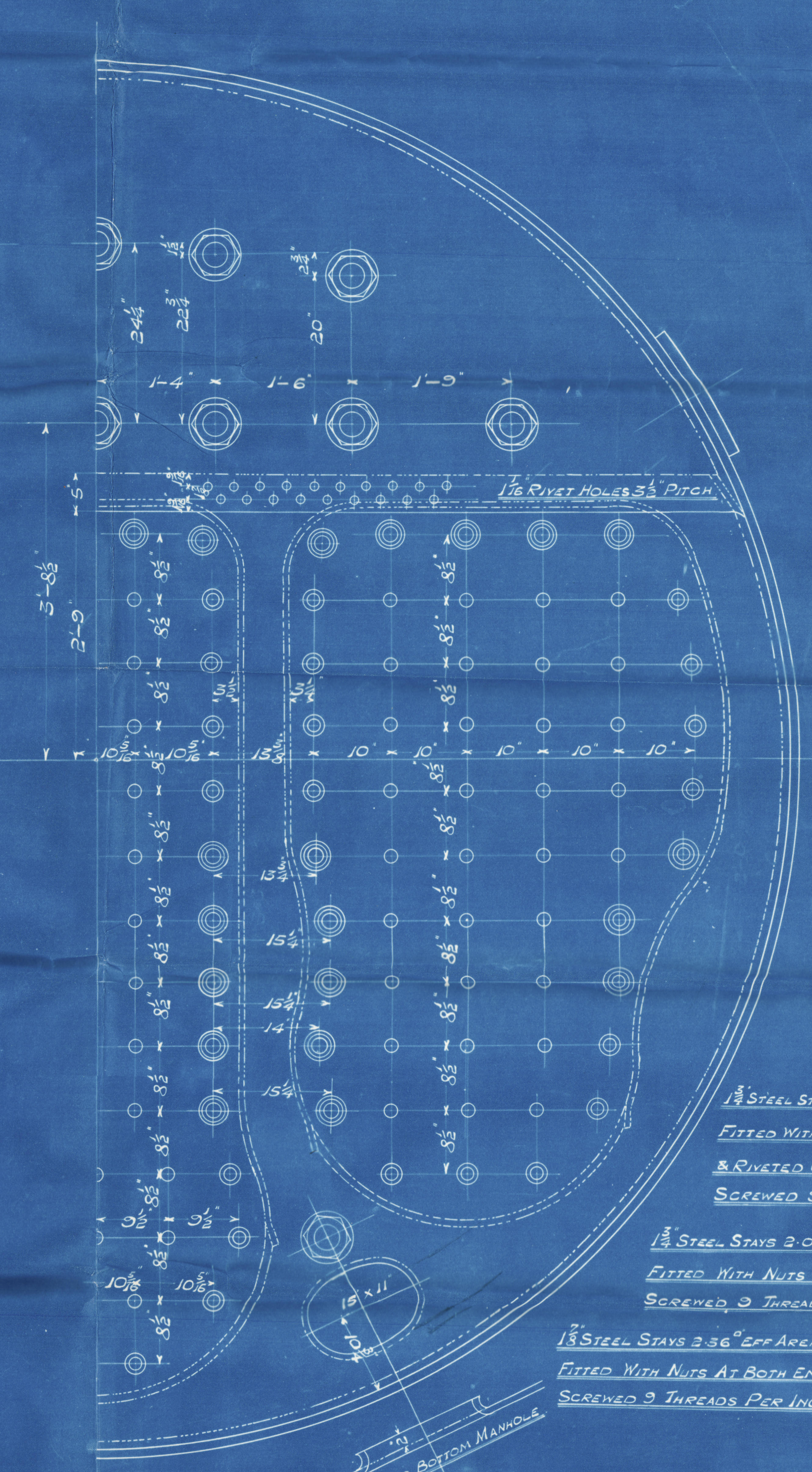
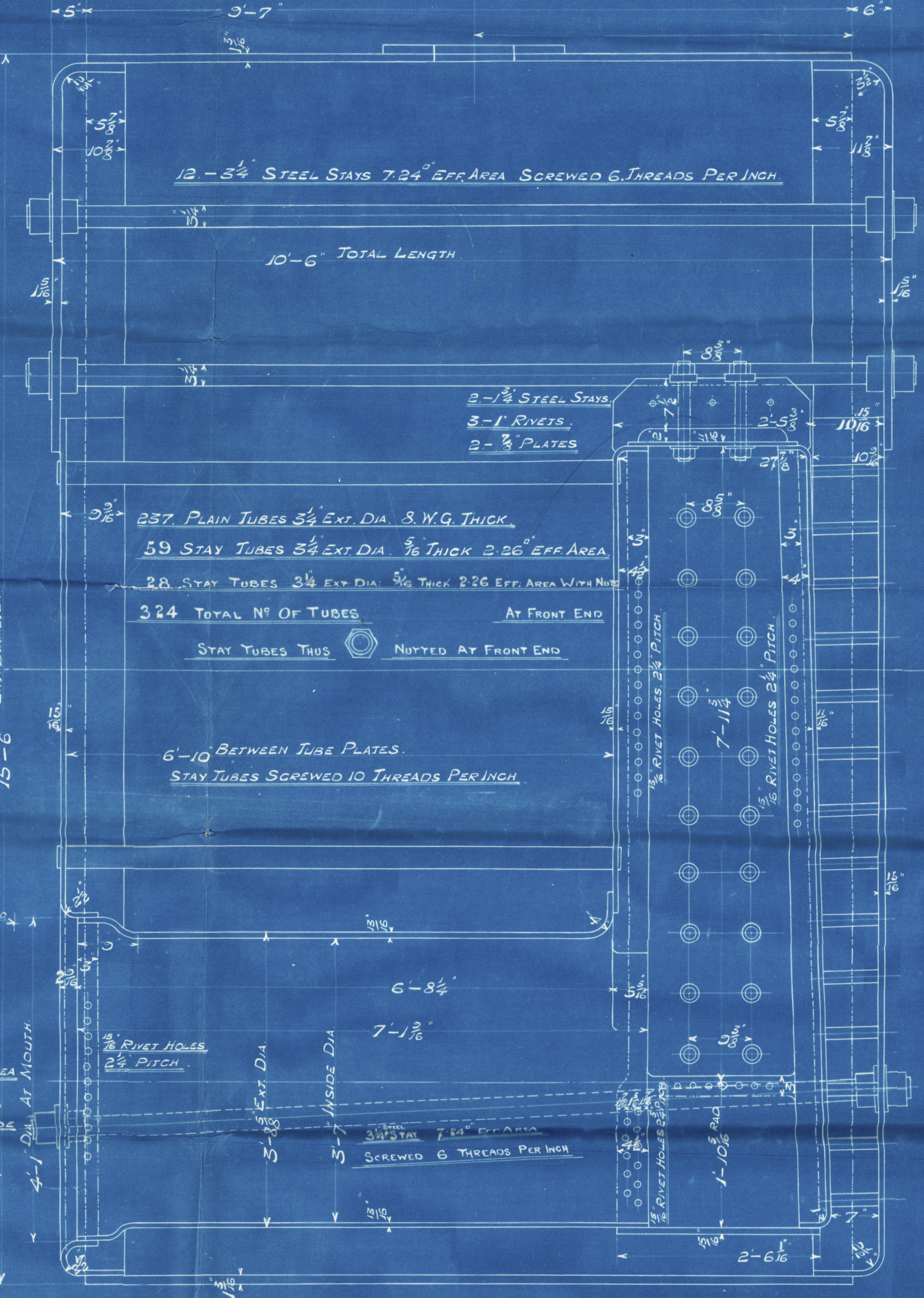
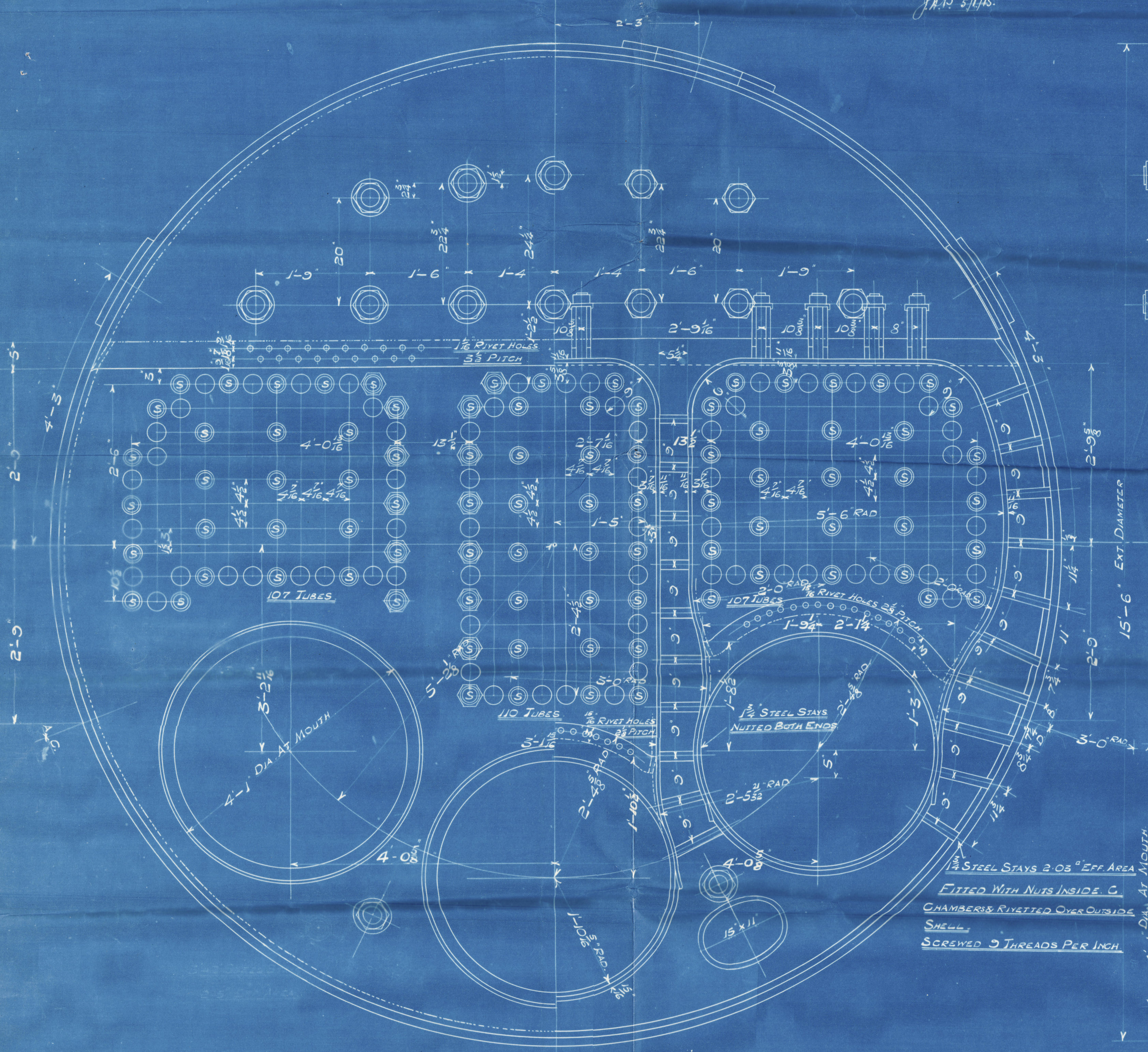
HEATING SURFACE.

TUBES	1983.6
FURNACES	120.8
BACK TUBE PLATES	46.0
FRONT TUBE PLATES	38.0
COMBUSTION CHAMBERS	209.6
	2298.0 TOTAL
GRATE SURFACE (1 IN ONE LENGTH)	5-6 BAR - 59.125
	RATIO $\frac{H.S.}{G.S.} = \frac{22.8}{1}$

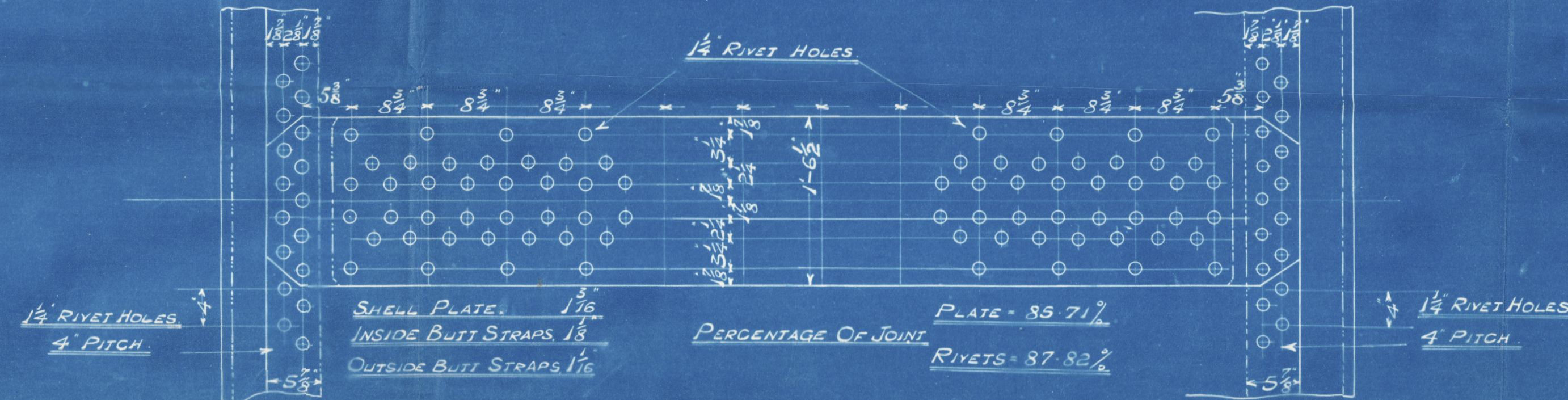


RYEVITTING ROUND TOP OF CIRCUMFERENTIAL SEAMS FROM A TO B.

MACCOLL & POLLOCK, LTD.
 3845
 R.S. 21/1/15
 J.M.P. 21/1/15
 E.T. 21/1/15
 W.P. 21/1/15



RYEVITTING ROUND BOTTOM OF CIRCUMFERENTIAL SEAMS FROM C TO D.



S.H. A.P.P.
 22.1.15

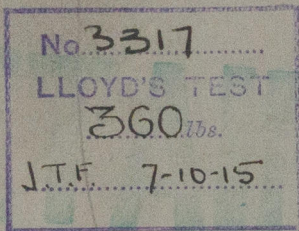
MACCOLL & POLLOCK.

C. No 258.

MAIN BOILERS.

1. OFF.

Broomflat
W 84T



W553-0051

W. HARKNESS & SONS

S/S 210.

"Avonwood"

SUNDERLAND RPT. No. 26587
Mar Rpt No 9147