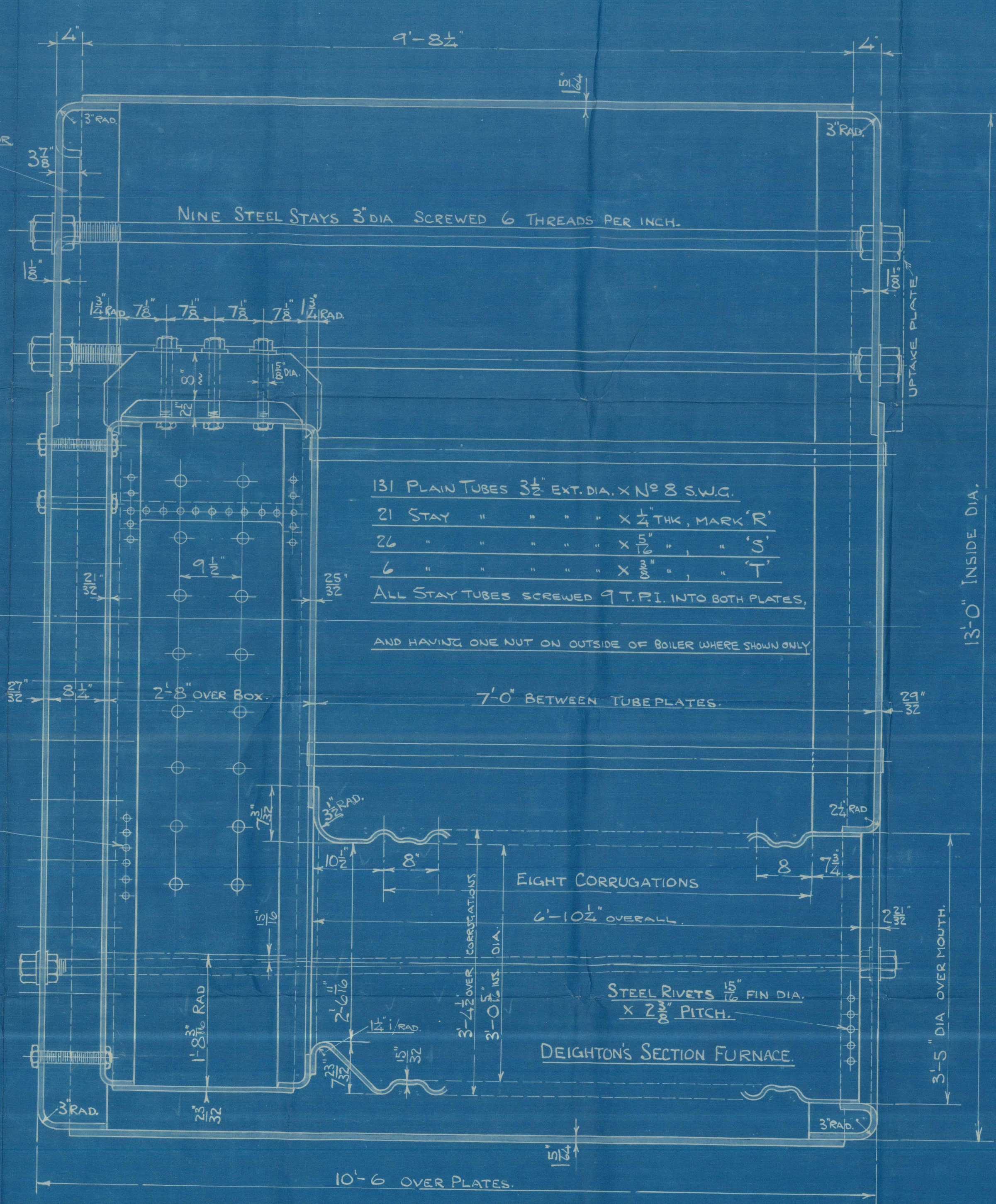
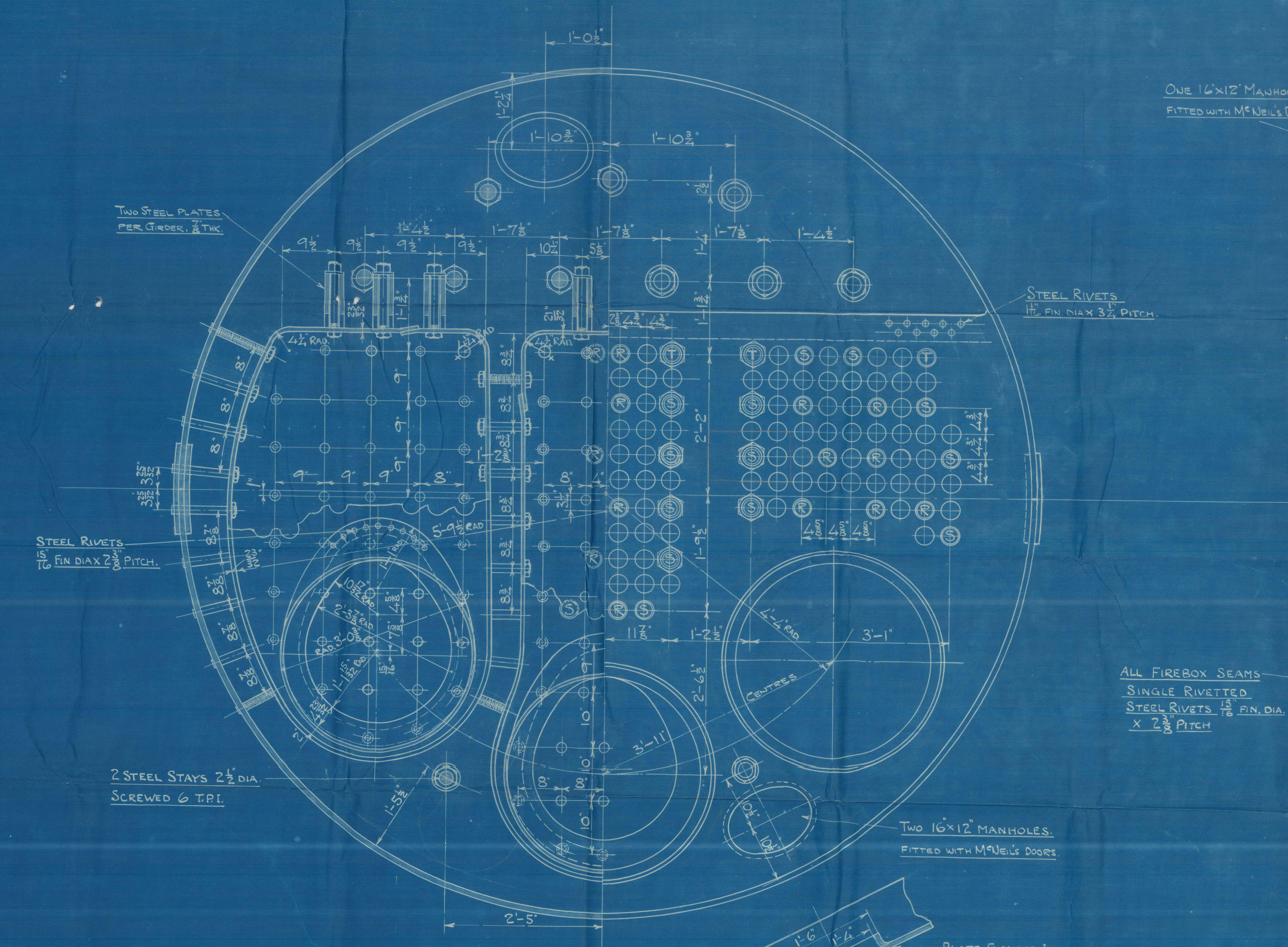


3/11/27



THICKNESS	DESCRIPTION	WORKING PRESSURE
1 1/2" DIA	PLATE SECTION	100 x (8-1125) 8 - 85.937%
1 1/2"	RIVET SECTION	100 x 23 x 19 x 5 x 1.875 - 88.7 %
1 1/2"	CIRCUMFERENTIAL SHELL	(28 x 3 x 1.078125) (24 x 5 x 2) x 28 x 8.5 x 137 275 x 156 - 132.0 lbs
1 1/2"	UPPER END PLATES	(36-1) x 96 24 x 75 - 172.0
"	" " (AT EDGE)	(36-1) x 100 26 - 182.5
3" DIA	STEAM SPACE STAYS	(3-0-340) x 9500 368 - 182.2
27" 32"	LOWER BACK PLATE	(27-1) x 84 126 x 75 - 199.5
"	" " UNDER BOT. STAY	(27-1) x 97 157 157 - 187.0
23" 32"	OUTER TUBE PLATE	72 x (29-1) 1452 x 9.5 - 187.5
25" 32"	INNER	38 x (25-1) 112 - 180.9
1" DIA	STAY TUBES, MARK 'R'	7500 x 1.7861 (11.875 x 9.5) (5 x 9.6211) - 207
"	" " " 'S'	7500 x 2.3429 (4.375 x 9.5) (4 x 9.6211) - 180.5
"	" " " 'T'	7500 x 2.9151 (12 x 11.625) (2.25 x 9.6211) - 185.5
21" 32"	FIREBOX BACKS	(21-1) x 75 10 x 8 - 182.8
23" 32"	WRAPPER PLATES	(23-1) x 75 9.3 x 8.75 - 215
"	" " WING TOP	(23-1) x 75 9.3 x 7.125 - 257
21" 32"	FIREBOX TOP, MID	(21-1) x 75 10.25 x 7.125 - 192.5
2" DIA	" STAYS - CORNER	(2-00-247) x 8250 11.1875 x 11.875 - 195
1 1/2" DIA	" " MARGINAL	(1-75-247) x 8250 11.1875 x 9 - 180.3
1 1/2" DIA	" " ORDINARY	(1-625-247) x 8250 9 x 9 - 187.5
1 1/2" DIA	WRAPPER PLATE STAYS	(1-625-247) x 8250 9.5 x 8.75 - 181
1 1/2" DIA	GIRDER STAYS	(1-625-247) x 8250 10.25 x 7.125 - 208
7" 8"	GIRDERS	37.125 x 8.5 x 5.5 (30.5425-71.25) x 10.25 x 30.5425 - 181.3
1 1/2" 32"	FURNACES	480 x (5-1) 87.25 - 180.5

HEATING SURFACE	
184 TUBES @ 64141	= 1180
3 FURNACES	= 118
INNER TUBE PLATES	= 35
FIREBOX BACKS	= 60
" SIDES & TOPS	= 117
TOTAL	1510
GRATE SURFACE	
5'-0" FIREBARS IN TWO LENGTHS	= 45.4
STURROCK'S BRIDGES	= 4.6
TOTAL	50

MAIN BOILER N°695

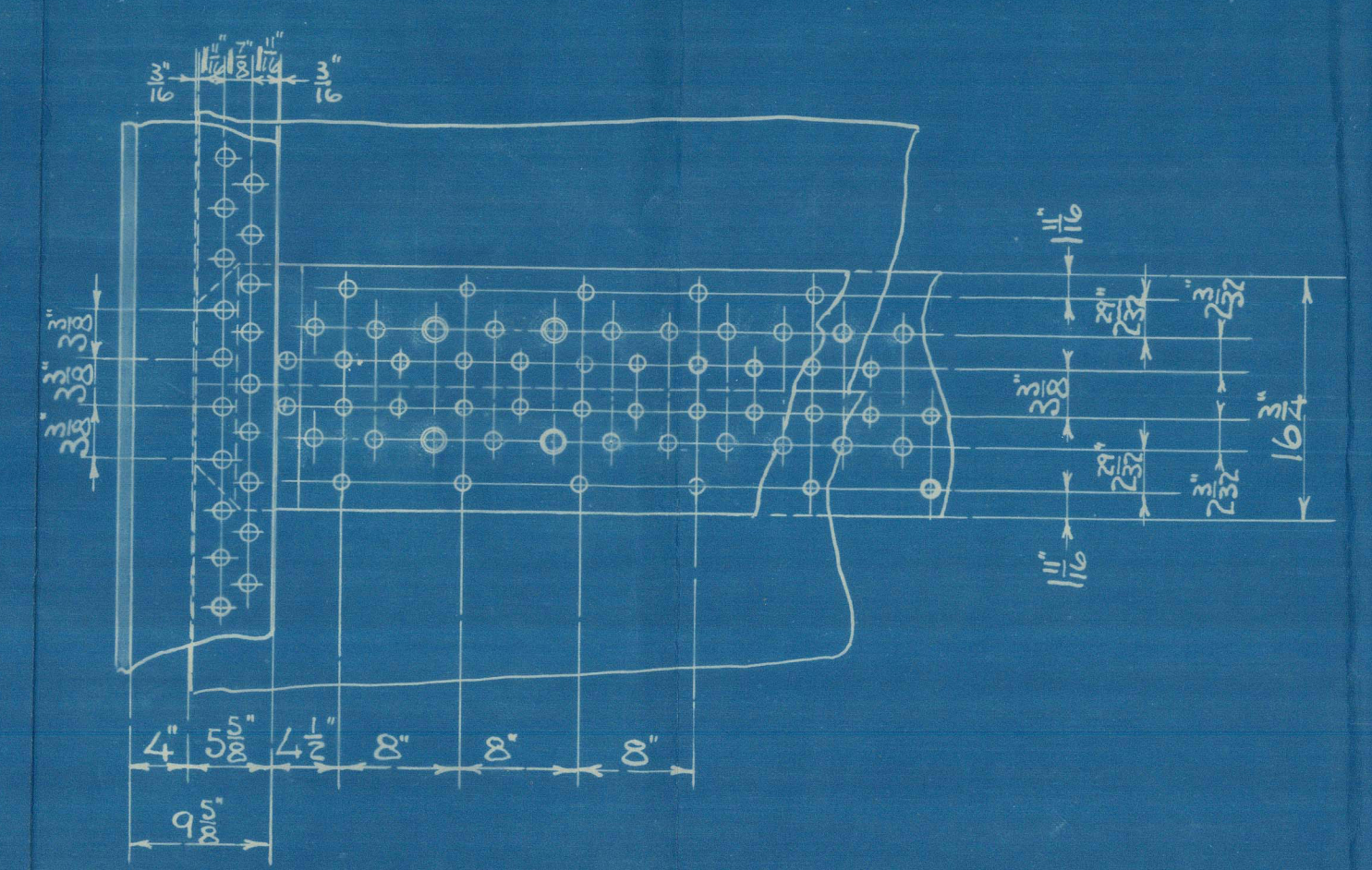
INSIDE DIA. = 13'-0"; OUTSIDE LENGTH = 10'-6"; WORKING PRESS. = 130 LBS./SQ"

SCALE 1" = 1 FOOT

TO LLOYDS REQUIREMENTS

HYDRAULIC TEST PRESSURE = 320 LBS. PER SQ. IN.

TRACING N° 1/275



RAIL THRO' 18184

Main Book

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