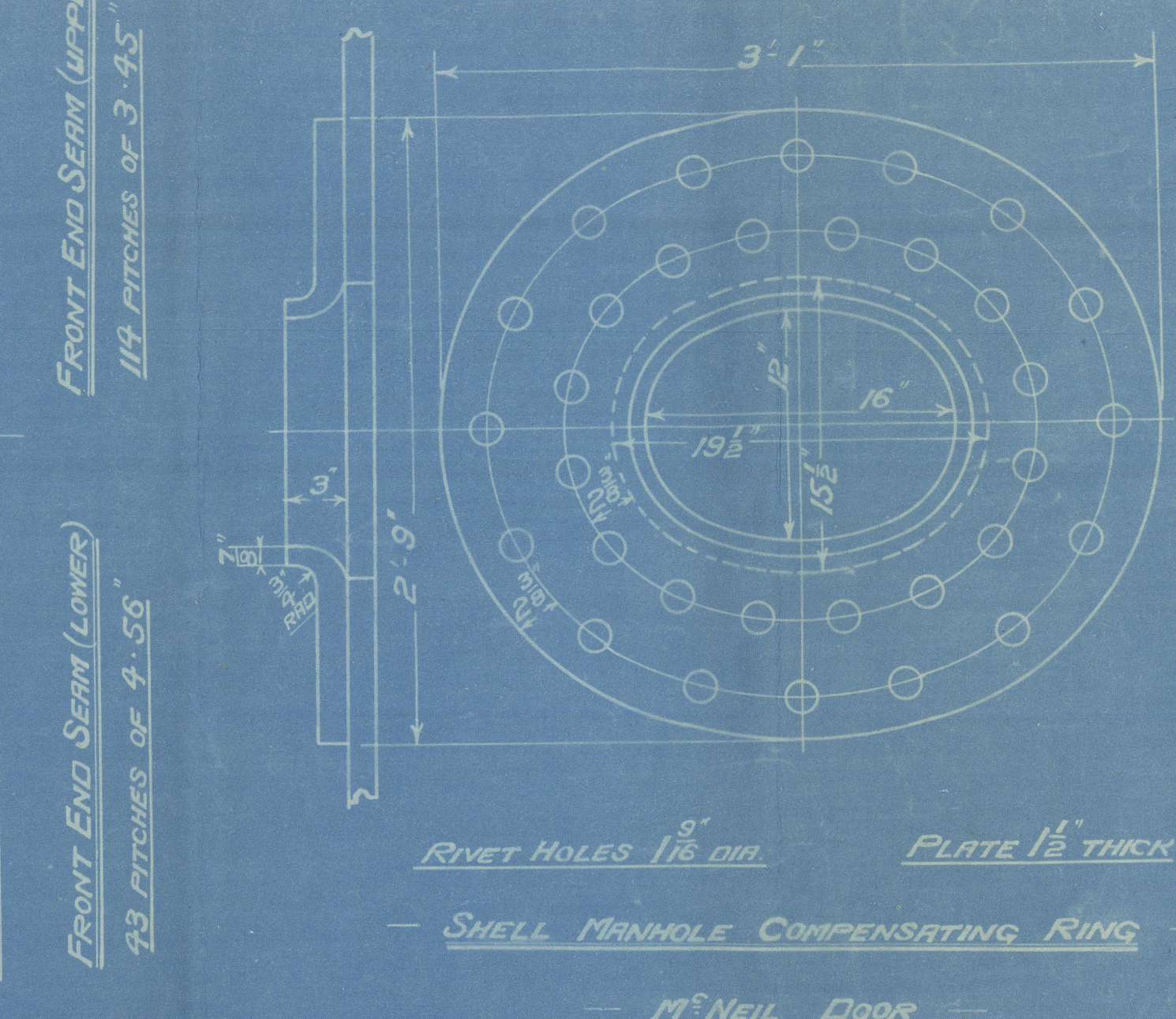
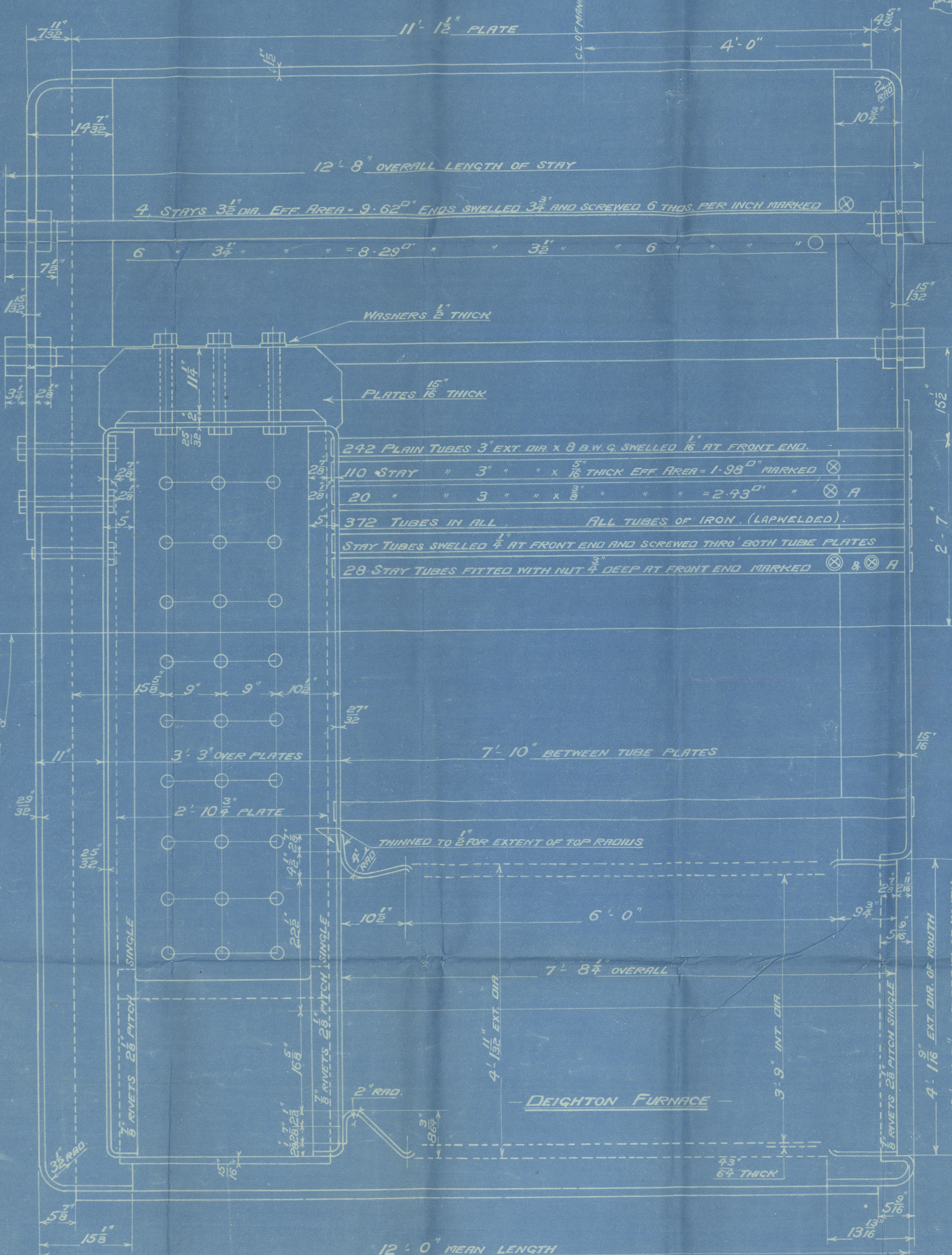
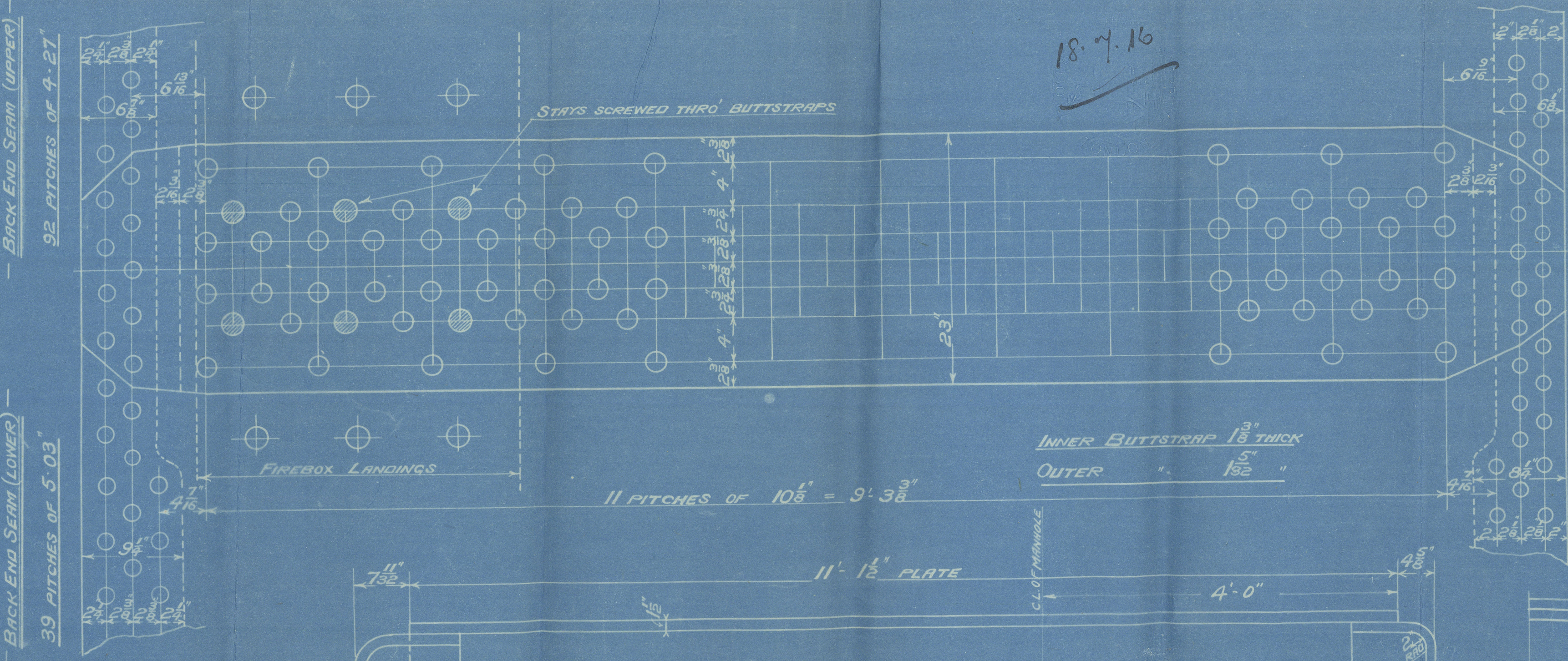
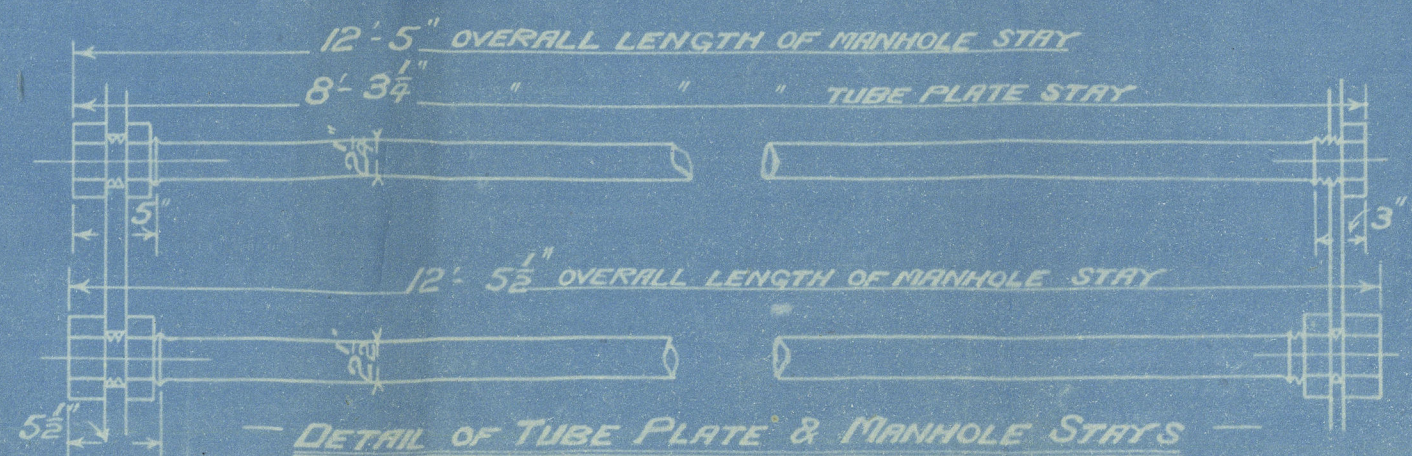
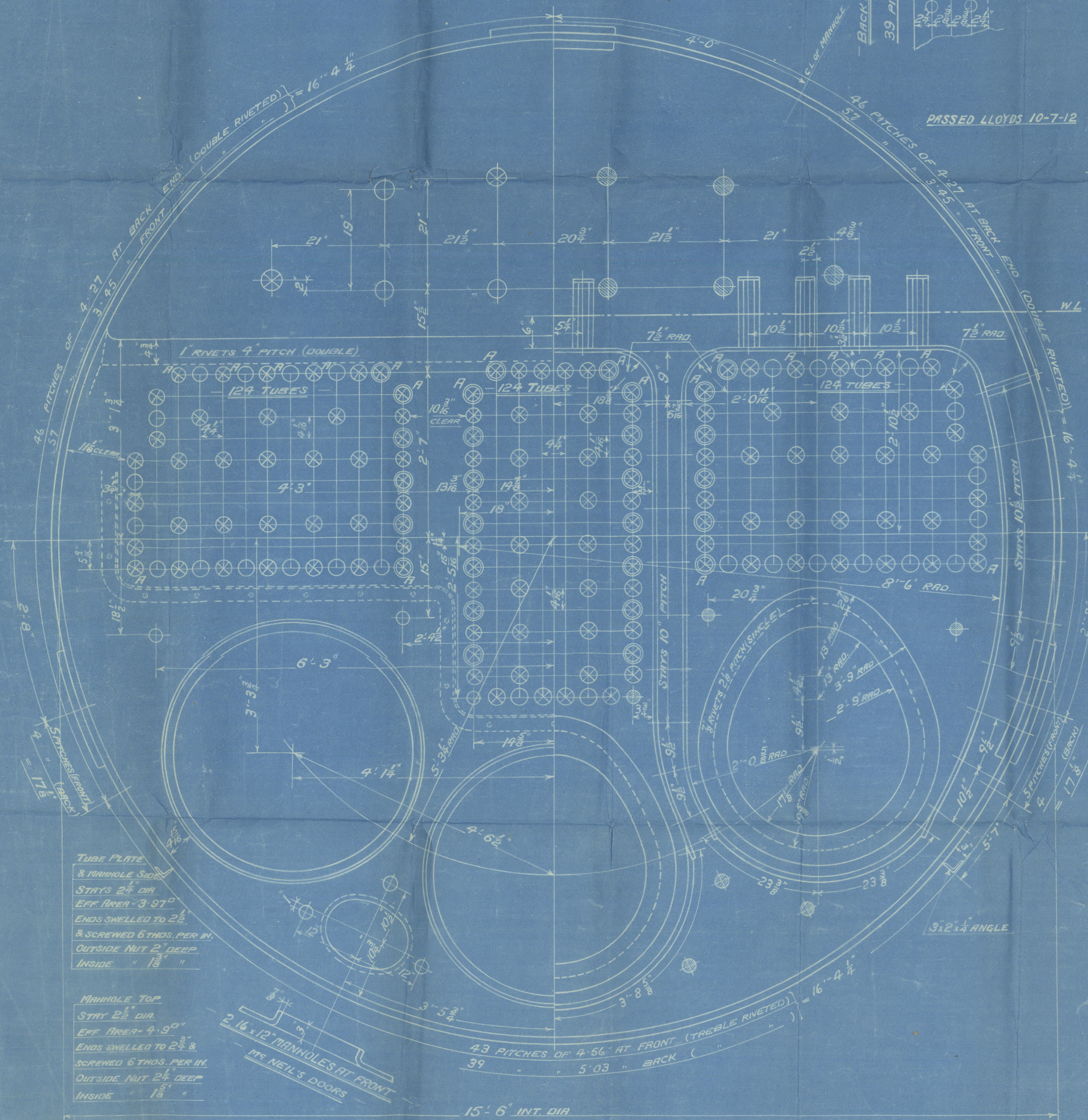


SURFACES	
TUBES	2289 sq. ft.
FIREBOX TOP & SIDES	171 "
BACK	86 "
TUBE PLATE	66 "
FURNACES	163 "
TOTAL HEATING SURFACE	2775 sq. ft.
GRATE AREA (5" x 6" BARS)	62 sq. ft.
TUBE AREA	13.4 "
WATER AREA	167 "
STEAM SPACE	510 "
CRATE AREA HEATING SURFACE	1:45
" " TUBE	1:37
" " WATER	1:27
" " STEAM SPACE	1:8.25
% BOILER ABOVE FIREBOX	31.2
WEIGHT OF WATER	27 TONS

RIVETING	BACK END		FRONT END	
	LONG	CIRC	LONG	CIRC
RIVET HOLE DIA.	1 1/8"	1 1/8"	1 1/8"	1 1/8"
PITCH	10 1/2"	4.27	5.03	3.45
1/4 PLATE	84.6	65	70.2	62
1/4 RIVET	9.4	4.7	59.6	44.5

LIMITS OF TENSILE STRENGTH & MATERIAL	
SHELL, ENDSTAYS	28 TO 32 TONS
4 GIRDERS	26 " 30 "
OTHER PLATES	26 " 30 "
FURNACES	28 " 32 "
MAIN STAYS	26 " 30 "
SCREW STAYS	26 " 30 "
RIVET BARS	26 " 30 "

ALL HOLES DRILLED IN PLACE
MAIN STAYS SWELLED AT ENDS BY
HYDRAULIC PRESSURE & ANNEALED



AUXILIARY BOILER
ONE OFF CON^T N° 683
CON^T N° 591/8 (TWIN SCREW)
WORKING PRESSURE - 220 LBS PER SQ. INCH
TO PASS LLOYDS & AUSTRIAN VERITAS SURVEYS
SCALES 1" & 1 1/2" = ONE FOOT

FIREBOX STAYS - STEEL	
POSITION	MARK
TOP SIDES AND BACK	1/3
BACK INNER & TOP ROWS	2
TOP CORNERS	2 1/2

ALL STAYS SCREWED THRU BOTH PLATES AND NUT FITTED AT EACH END EXCEPT STAYS FROM WING FIREBOX TO SHELL AND STAYS IN BACK BOTTOM END MARKED C WHICH PROJECT & THRU OUTER PLATES AND ARE CAULKED.
ALL 1 1/2" NUTS 1 1/2" DEEP EXCEPT ON GIRDER TOPS WHERE THE OUTSIDE NUTS ARE 1 1/2" DEEP.
ALL 2" AND 2 1/2" NUTS 1 1/2" DEEP.

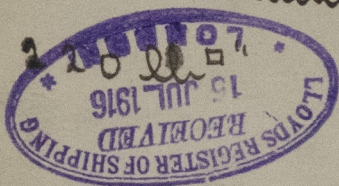


O.T. 22812020
JUL 1916
v60000000

D. Hawan & Co.

Contract no 683

2. 2 Auxiliary boiler



GLASGOW REPORT No:

no. 36162

of Machado.

Srk. 17350.



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Lloyd's Register
Foundation

W/600-0155