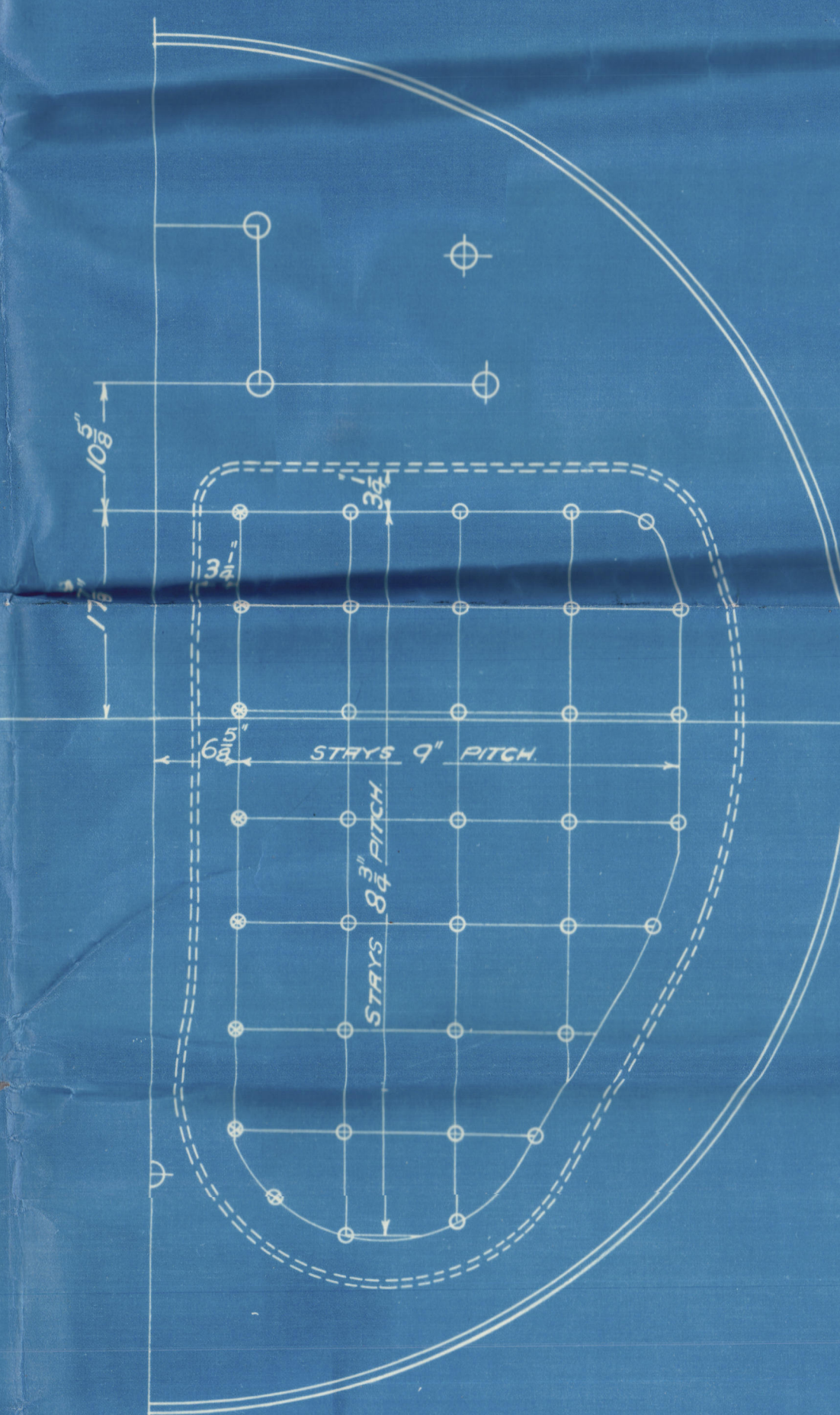
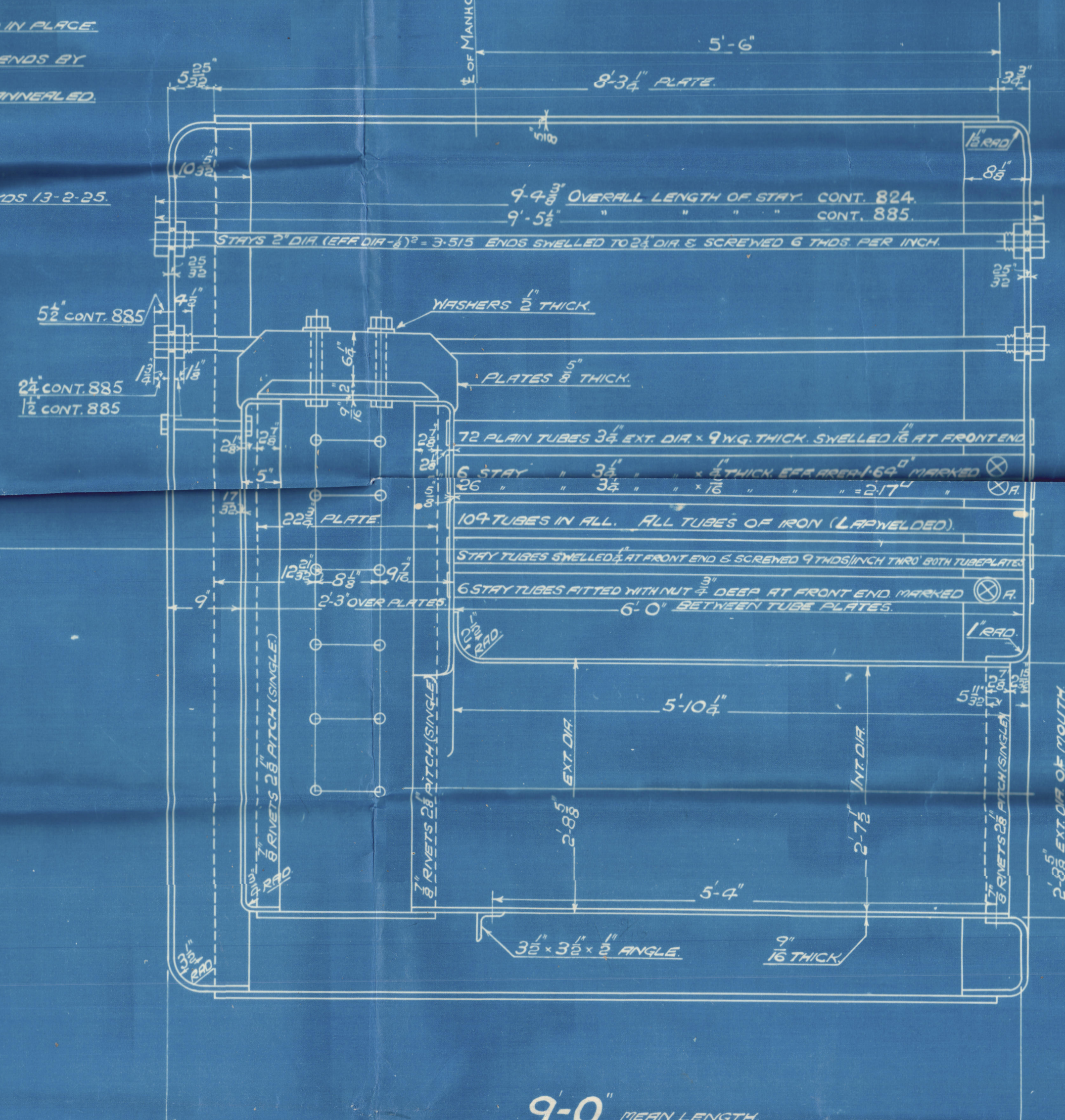
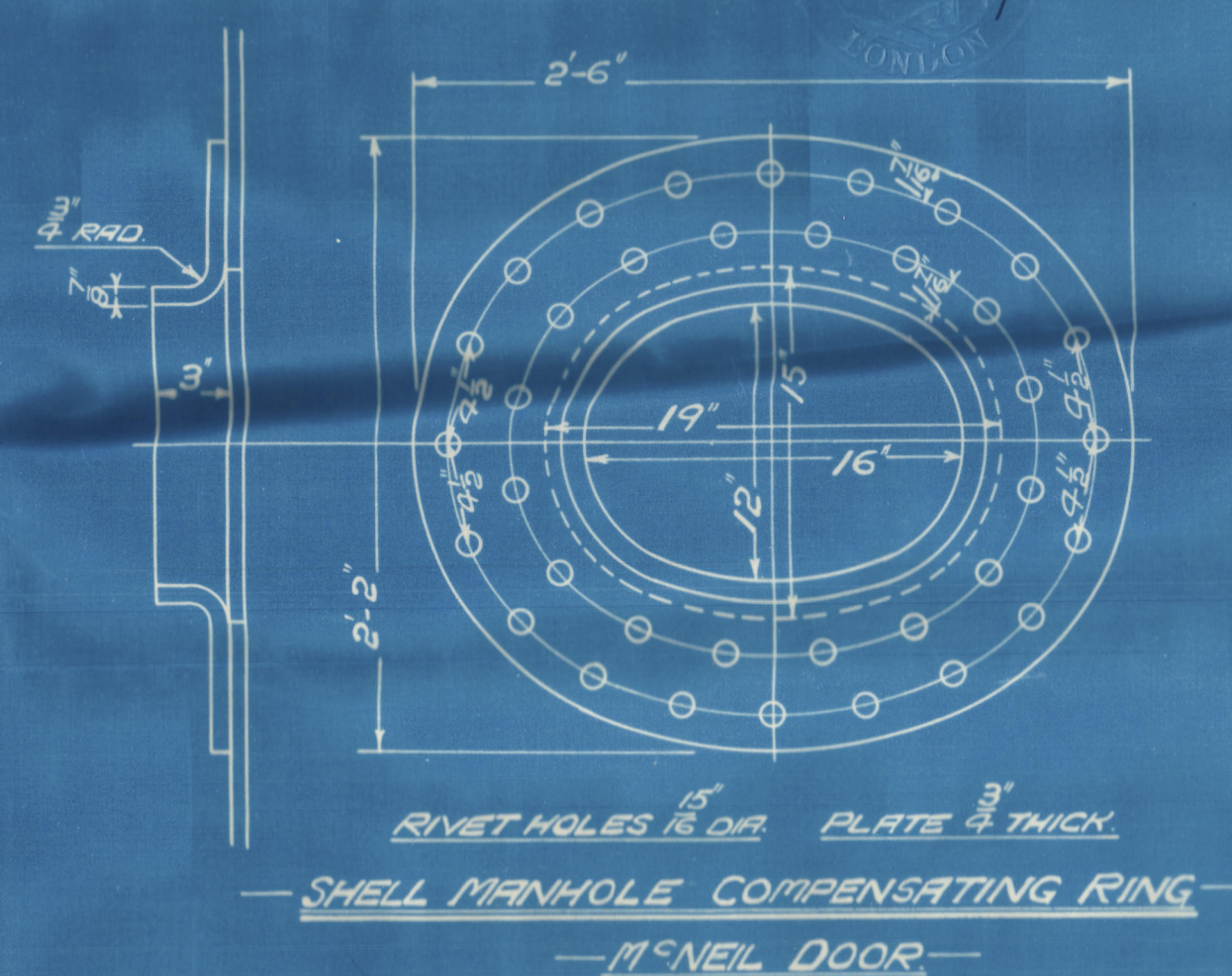
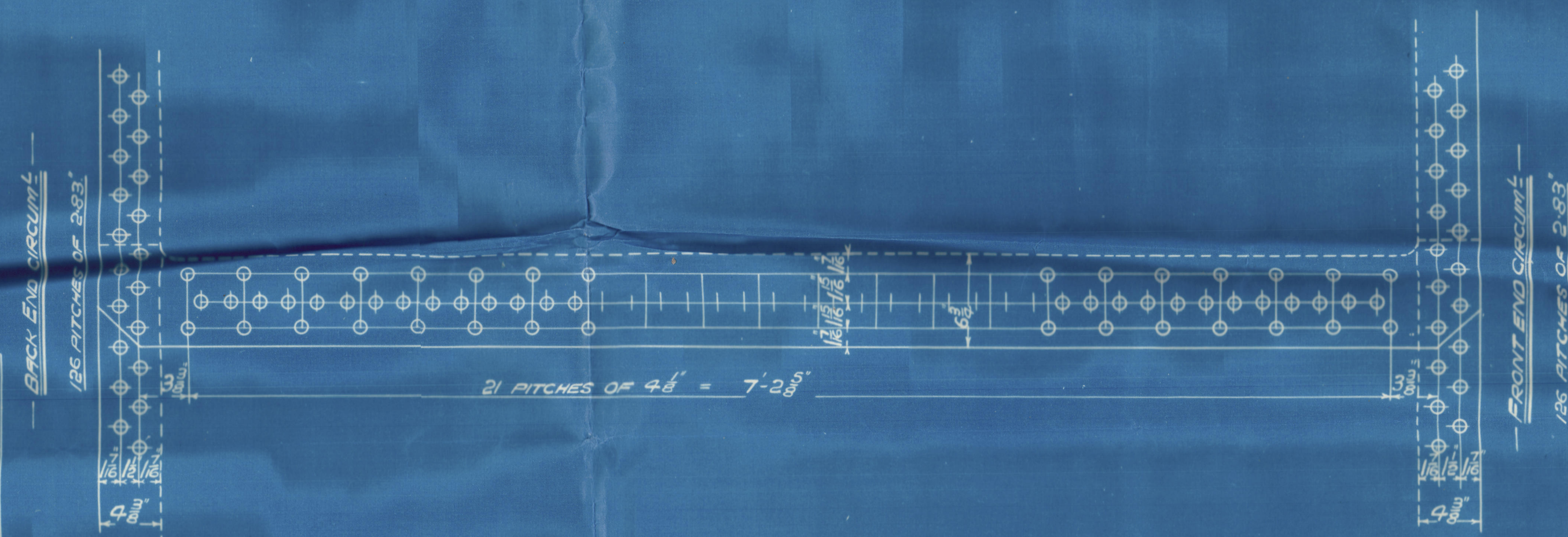


SURFACES	
TUBES	530 #
FIREBOX TOP & SIDES	53 "
BACK	30 "
TUBE PLATE	18 "
FURNACES	53 "
TOTAL HEATING SURFACE	684 #
GRATE AREA (5'-3" BARS)	27.56 "
TUBE AREA	9.67 "
WATER	72 "
STEAM SPACE	114 #
GRATE AREA : HEATING SURFACE	1 : 24.8
WATER : TUBE	1 : 19.2
WATER : AREA	5.9 : 1
WATER : WATER	1 : 2.68
STEAM SPACE	1 : 4.12
% BOILER ABOVE FIREBOX	31
WEIGHT OF WATER	8 1/2 TONS

RIVETING		
	LONG	END
RIVET HOLE DIA	16"	16"
PITCH	4 1/2"	2.83
% PLATE	77.2	66.9
% RIVET	58	64.2
% COMBINED	76.6	

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



FIREBOX STAYS		STEEL	
POSITION	MARK	DIA	SCREWED
BACK TOP & SIDES	○	16"	1.227
BACK WIDE SPACE & TOP CORNER	○	15"	1.52

## DONKEY BOILER

ONE OFF EACH CONTRACT NUMBER

CONT NO 824-885

WORKING PRESSURE 120 LBS PER SQ INCH

TEST 230

TO PASS LLOYDS SURVEY

SCALES: 1" = 1' = ONE FOOT

ALL FIREBOX STAYS SCREWED THRU BOTH PLATES & NUT FITTED AT EACH END

ALL 16" NUTS 3/4" DEEP EXCEPT ON GIRDER TOPS WHERE THE OUTSIDE NUTS ARE 1 1/2" DEEP

ALL 15" NUTS ARE 3/4" DEEP

OT.33212 © 2021

TIP NO 50130

TRACED 29TH FEB 1928

W445-0157



GLASGOW

D. ROWAN & CO LTD

DONKEY BOILER N<sup>o</sup> 885

WP-120LBS

DUPLICATE OF N<sup>o</sup> 824

BURNTISLAND SB CO LTD

S/S N<sup>o</sup> 148

N<sup>o</sup> 17945

LLOYD'S TEST

230LBS

WP-120LBS

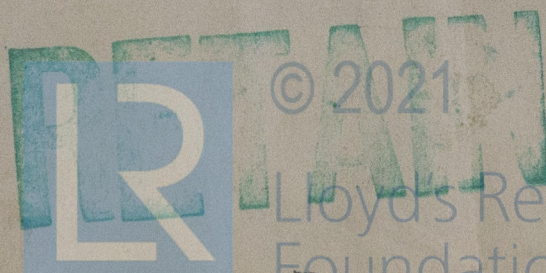
L.C.D.

26-6-28

*Wickmouth*

GLASGOW REPORT N<sup>o</sup> 48258

*Wickmouth*



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Foundation

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