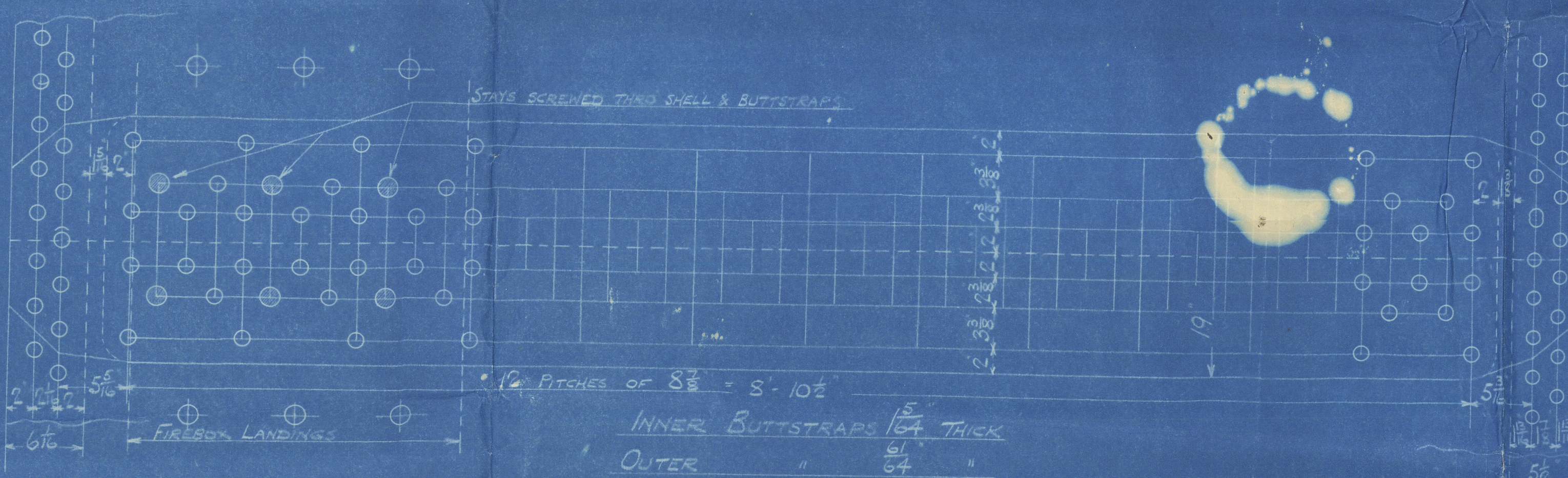


SURFACES	ONE BOILER	3 BOILERS
TUBES	1920 #	5760 #
FIREBOX TOP AND SIDES	153	459
BACK	82	246
TUBEPLATE	52	156
FURNACES	153	459
TOTAL HEATING SURFACE	2360 #	7080 #
GRATE AREA (6-9 BARS)	67.75	194
TUBE AREA	12.75	41.25
WATER AREA	150	450
STEAM SPACE	453 #	1359 #
GRATE AREA	HEATING SURFACE	
"	TUBE	
"	AREA	
"	WATER	
"	STEAM SPACE	
% BOILER ABOVE FIREBOX	20-2	
HEIGHT OF WATER	29 1/2 TONS	79 1/2 TONS

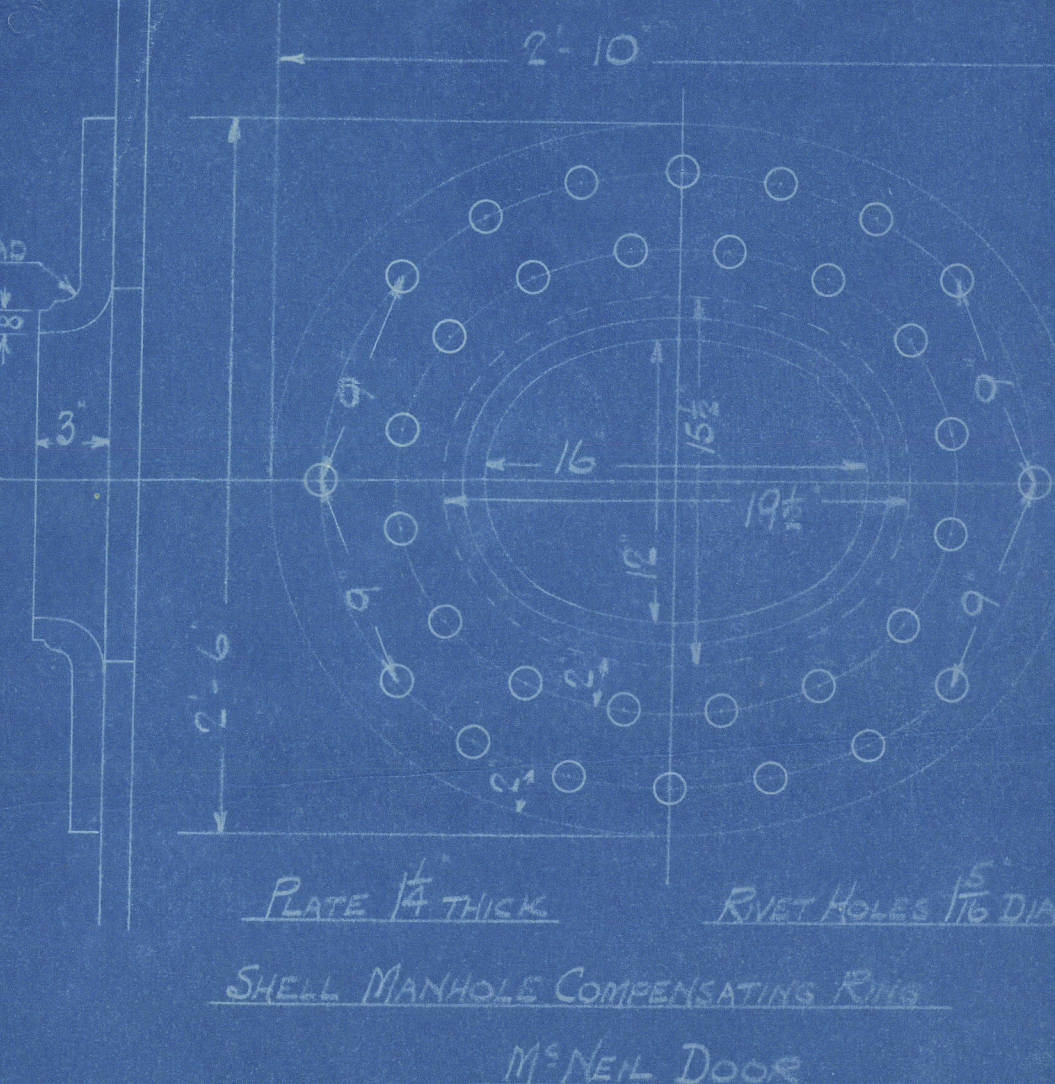
RIVET HOLE DIA	- RIVETING -	
	LONG	BACK
PITCH	1 1/8	1 1/8
% PLATE	85-2	62-8
% RIVET	94	50-4
% COMBINED	89-1	45-6

LIMITS OF TENSILE STRENGTH & MATERIAL	
SHELL BUTTSTRAPS AND GIRDERS	28 TO 30 TONS
OTHER PLATES	26
FURNACES	26
RIVET BARS	26
MAIN STAYS	28
SCREENED STAYS	2 1/2 TONS
	IRON

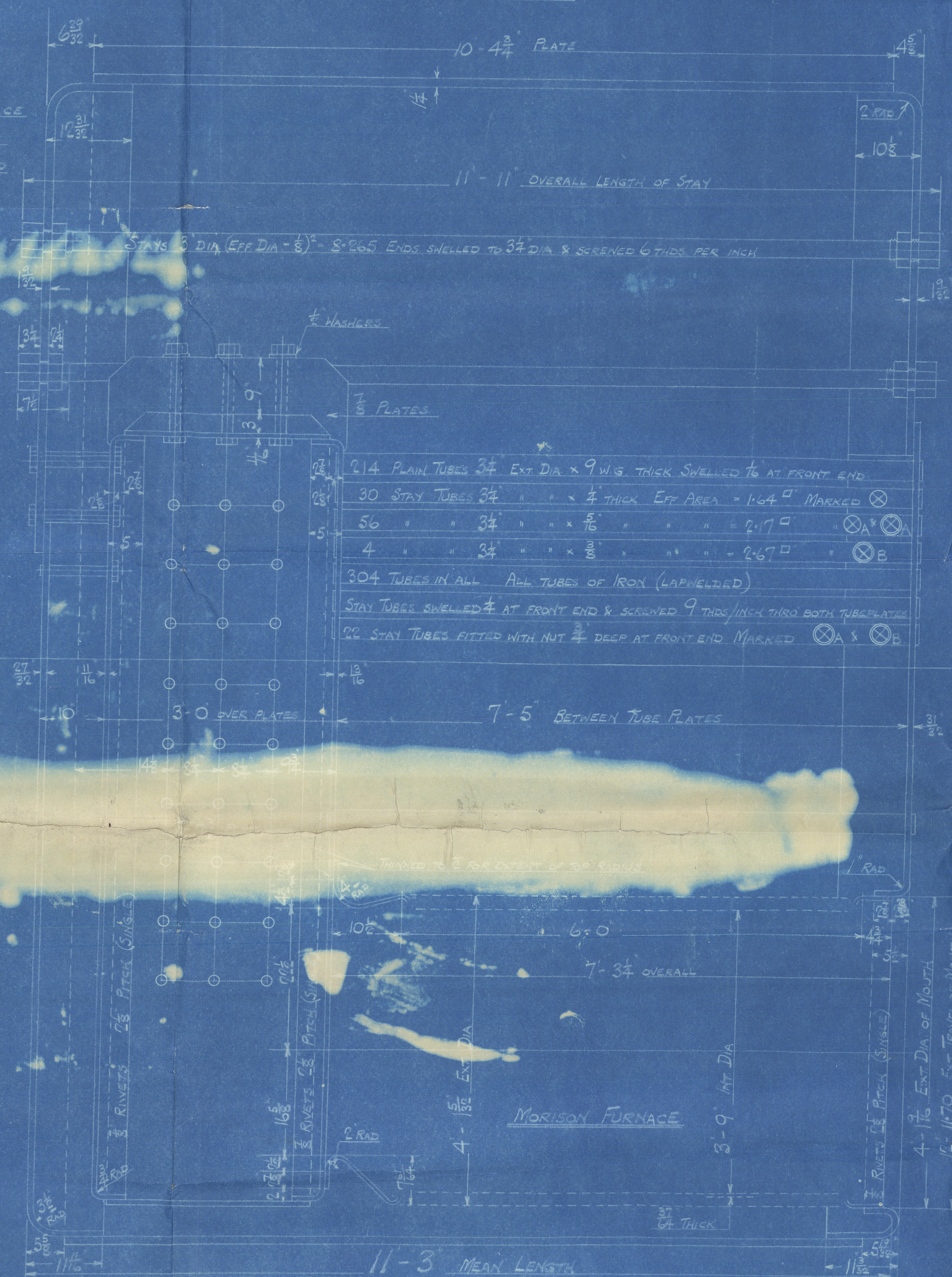
BACK END CIRCUMFERENCE
164 PITCHES OF 3.525



FRONT END CIRCUMFERENCE
182 PITCHES OF 3.19



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

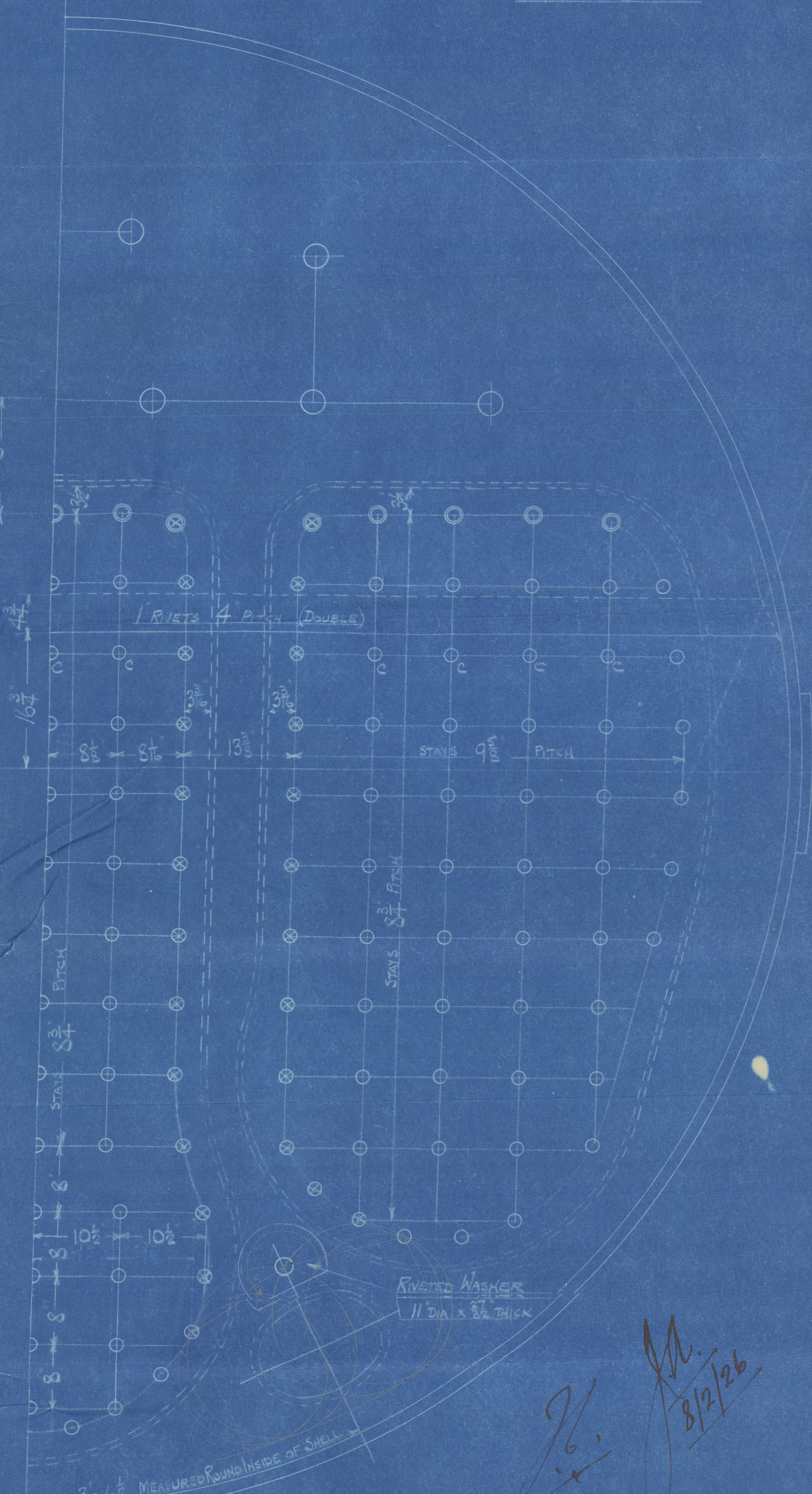


MAIN BOILER

3 OFF

CONT NO 840

WORKING PRESSURE 180 LBS PER SQUARE INCH
TEST 320
TO PASS LLOYD'S SURVEY
SCALES 1/8" = 1 FOOT

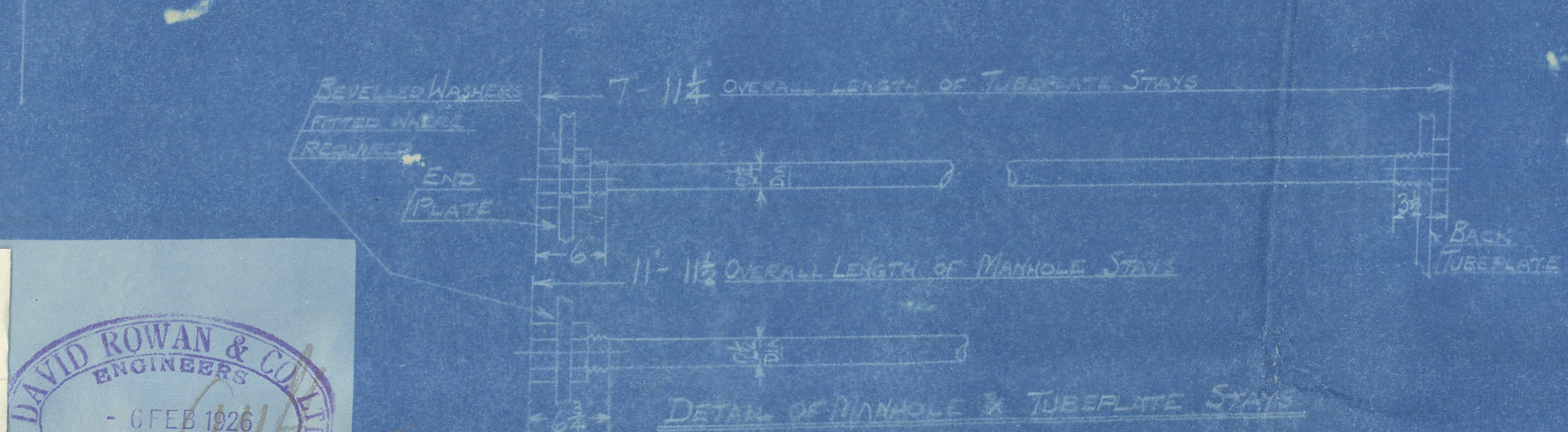


POSITION	MARK	DIA	DIA - 26"	SCREENED
BACK TOP & SIDES	○	1 1/8	1 1/8	9
" " " " " "	○	1 1/8	1 1/8	9
" " " " " "	○	1 1/8	1 1/8	9
" " " " " "	○	1 1/8	1 1/8	9

ALL FIREBOX STAYS SCREENED THRO BOTH PLATES AND NOT FITTED AT
EACH END EXCEPT STAYS FROM WITH FIREBOX TO SHELL AND STAYS
MARKED IN BACK BOTTOM END WHICH PROJECT E AND ARE CHILLED
ALL 1 1/8" NUTS & DEEP EXCEPT ON GIRDERS TOP WHERE THE OUTSIDE
NUTS ARE 1 1/2" DEEP
ALL 1 1/2" NUTS & DEEP

TUBEPLATE
STAYS 3/4 DIA
ENDS SHELLED TO 1/4 DIA
& SCREENED 6 THICK PER INCH
OUTSIDE NUT 1 1/2" DEEP
INSIDE NUT 1 1/2" DEEP
MANHOLE TOP STAY 1/2 DIA
ENDS SHELLED TO 1/4 DIA
& SCREENED 6 THICK PER INCH
OUTSIDE NUT 1 1/2" DEEP
INSIDE NUT 1 1/2" DEEP

15-6 EXT DIA



OT 31570.B

From DAVID ROWAN & CO., Ltd., Glasgow

ENCLOSURE

FOR MESSRS.

Lloyds Register of Shipping

w487-0092(1/2)

GLASGOW

D. ROWAN & CO^d

(3) BOILERS N^o 840

WP-180 LBS

(AMENDED PLAN)

NAPIER & MILLER LTD

S/S N^o 257

N^o 14195

LLOYD'S TEST

320 LBS

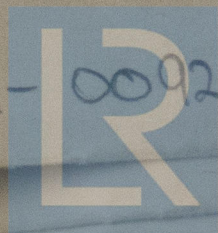
WP-180 LBS

H.Y.B. 20-8-26

Menzies & Co
GLASGOW REPORT N^o 46682

RETAIN

W 487-0092(212)



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