

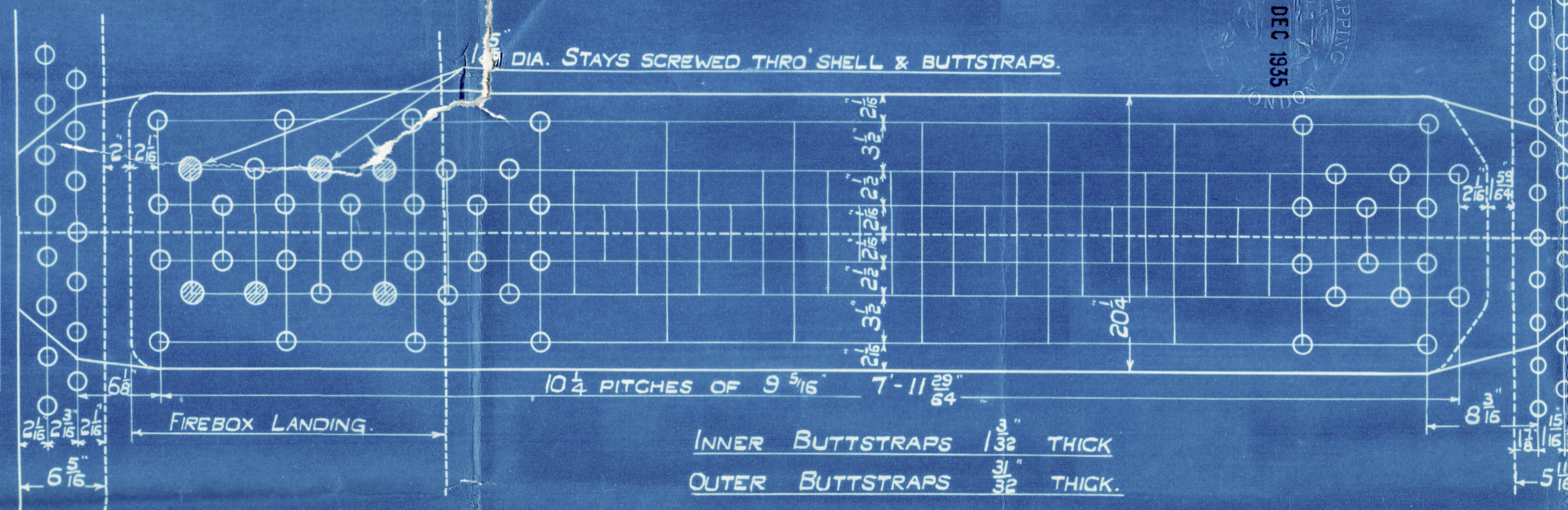
SURFACES.	ONE BOILER
TUBES	1566
FIREBOX TOP & SIDES	132
" BACK	73
" TUBEPLATE	48
FURNACES	134
TOTAL HEATING SURFACE	1953
GRATE AREA (5-6 BARS)	57 1/2
TUBE AREA	11.7
WATER AREA	148
STEAM SPACE	415
GRATE AREA : HEATING SURFACE	1 : 33.8
" : TUBE	1 : 27.1
" : WATER	4.9 : 1
" : STEAM SPACE	1 : 2.56
% BOILER ABOVE FIREBOX	32.1
WEIGHT OF WATER	22 TONS.

- RIVETING -			
	LONG	BACK END CIRC.	FRONT END CIRC.
RIVET HOLE DIA	1 1/8"	1 1/8"	1 1/8"
PITCH	9 1/2"	3-68	3-209
% PLATE	85.2	62.6	61
% RIVET	92.1	50	52.3
% COMBINED	88.9		

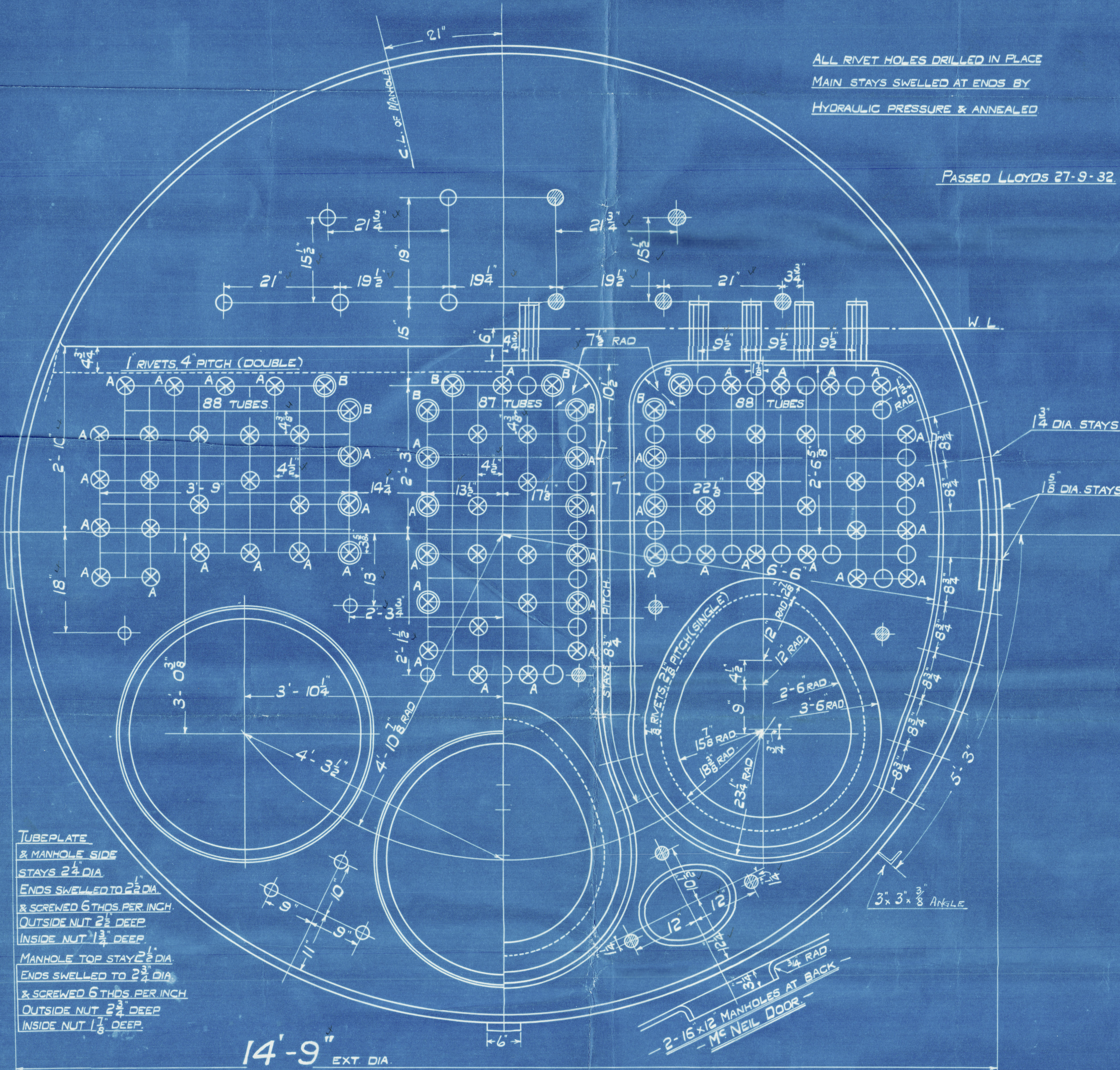
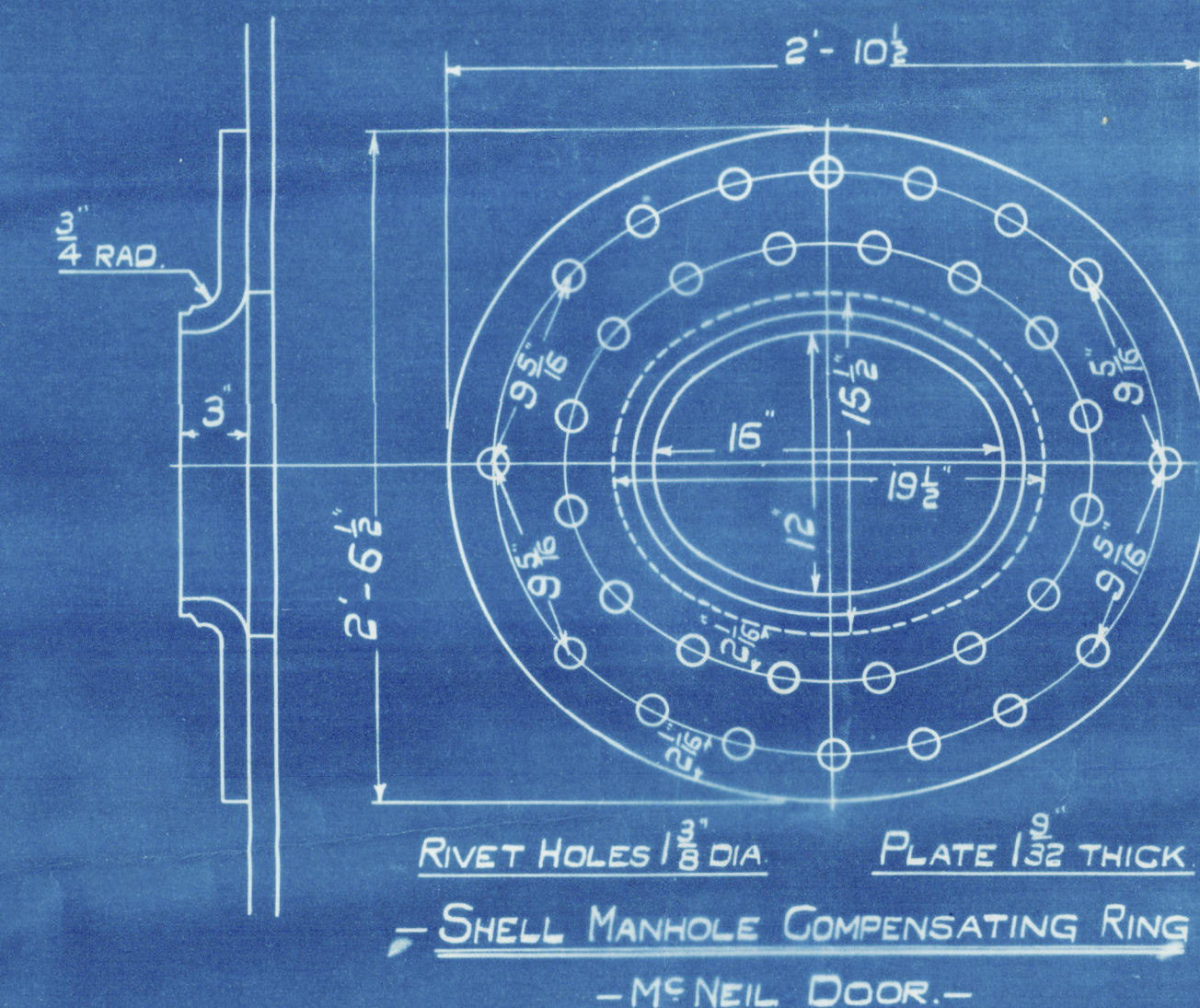
- LIMITS OF TENSILE STRENGTH & MATERIAL -			
SHELL & BUTTSTRAPS	29 TO 33 TONS		
GIRDERS	28 " 32 "		
OTHER PLATES	26 " 30 "		
FURNACES	26 " 30 "		
MAIN STAYS	28 " 32 "		
SCREWED STAYS	26 " 30 "		
RIVET BARS	26 " 30 "		

SEWENS MARTIN STEEL.

- BACK END CIRCUMF. -
150 PITCHES OF 3-68



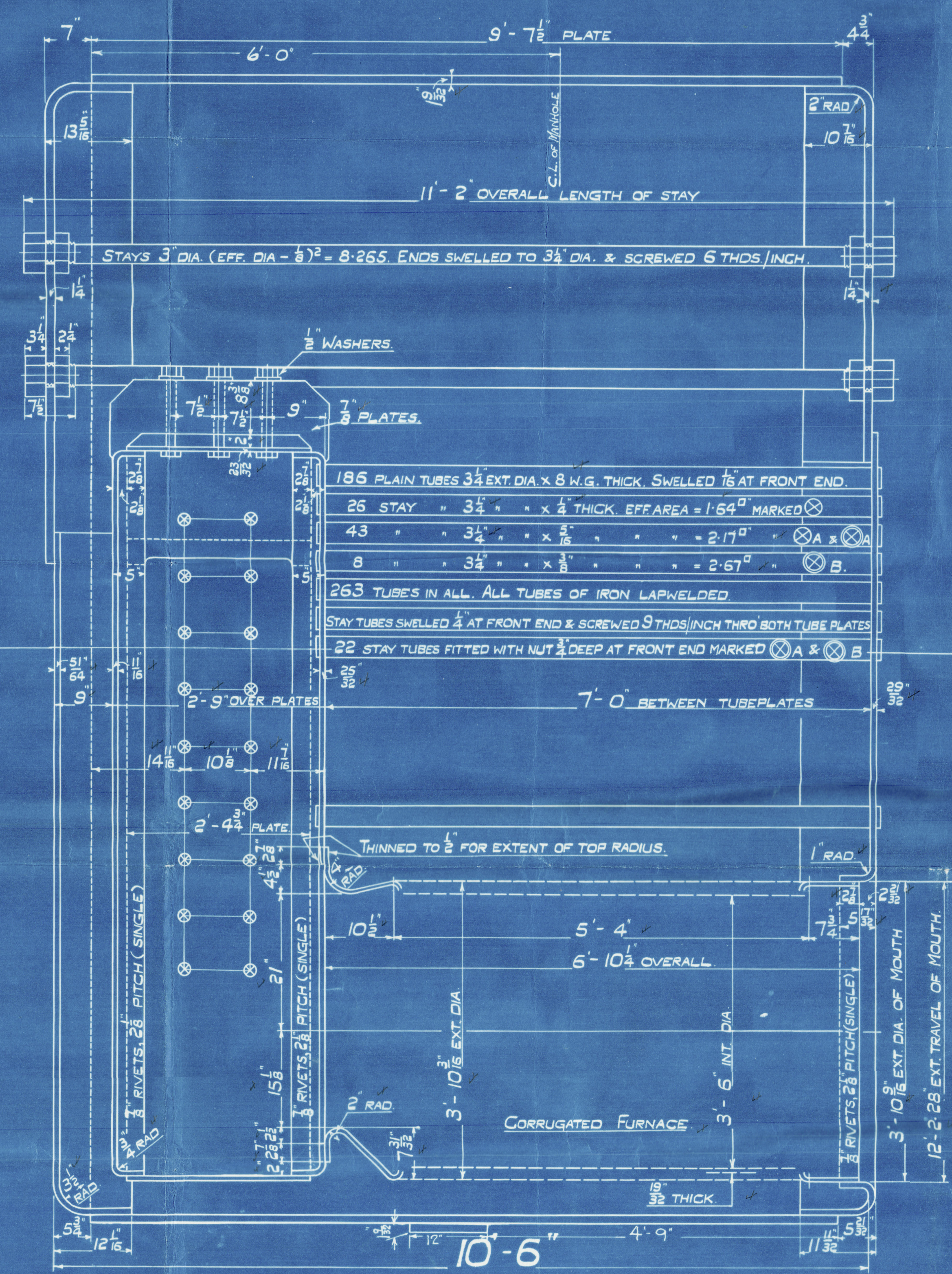
- FRONT END CIRCUMF. -
172 PITCHES OF 3-209



TUBEPLATE
& MANHOLE SIDE
STAYS 2 1/2 DIA.
ENDS SWELLED TO 2 3/4 DIA.
& SCREWED 6 THDS PER INCH
OUTSIDE NUT 2 1/2 DEEP
INSIDE NUT 1 1/2 DEEP
MANHOLE TOP STAYS 2 1/2 DIA.
ENDS SWELLED TO 2 3/4 DIA.
& SCREWED 6 THDS PER INCH
OUTSIDE NUT 2 1/2 DEEP
INSIDE NUT 1 1/2 DEEP

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

PASSED LLOYDS 27-9-32



- MAIN BOILER -

- ONE OFF EACH CONT. N°

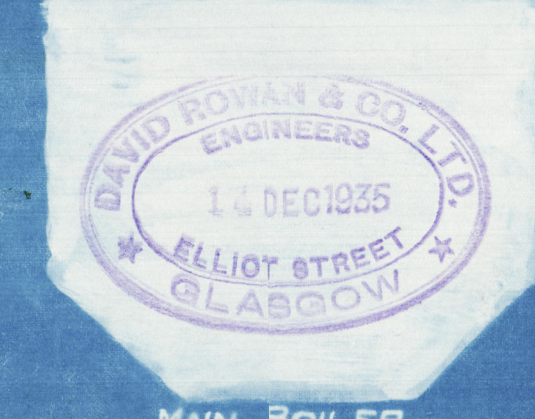
- CONT N° 955-970-998

WORKING PRESSURE 200 LBS. PER SQ. INCH.
TEST 350

- TO PASS LLOYDS SURVEY -
- SCALES - 1" & 1 1/2" = ONE FOOT -

- FIREBOX STAYS - STEEL -				
POSITION	MARK	DIA.	(DIA-26 7/8)	SCREWED THDS/INCH
TOP & BACK	○	1 1/8"	1-844	9
SIDES	○	1 1/8"	2-199	9
BACK WIDE SPACE & TOP ROW	○	1 1/8"	2-585	9
BACK TOP CORNER	○	2"	3-003	9

ALL FIREBOX STAYS SCREWED THRO' BOTH PLATES & NUT FITTED AT EACH END EXCEPT STAYS FROM WING FIREBOX TO SHELL & STAYS MARKED 'C' IN BACK BOTTOM END WHICH PROJECT 3/8" & ARE CAULKED. ALL 1 1/8" & 1 1/2" DEEP EXCEPT ON GIRDER TOPS WHERE THE OUTSIDE NUTS ARE 1 1/8" DEEP. ALL 1 1/2" & 2" NUTS 1" DEEP.



OT 39396
TIR N° 50565
TRACED 29th SEPT. 1932
W 85-6087

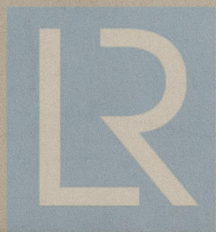
GLASGOW
D. ROWAN & CO.
(1) BOILER N° 998
WP-200 LBS

Duplicate of N° 955

Jersey Queen
GLASGOW REPORT No. 57644

Duplicate film in hand office
23-12-35

REMAIN



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Lloyd's Register
Foundation