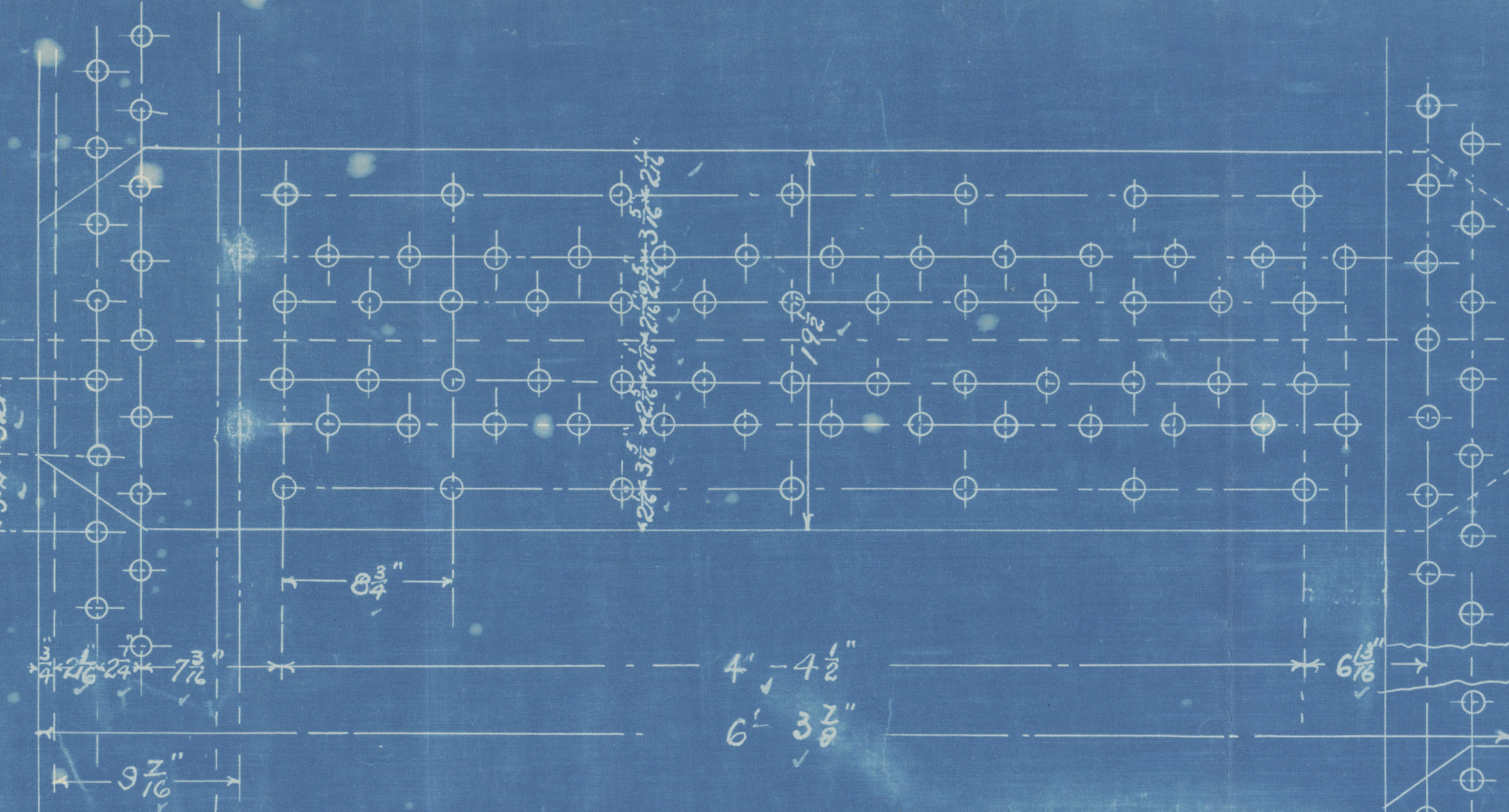


18. 2. 83.

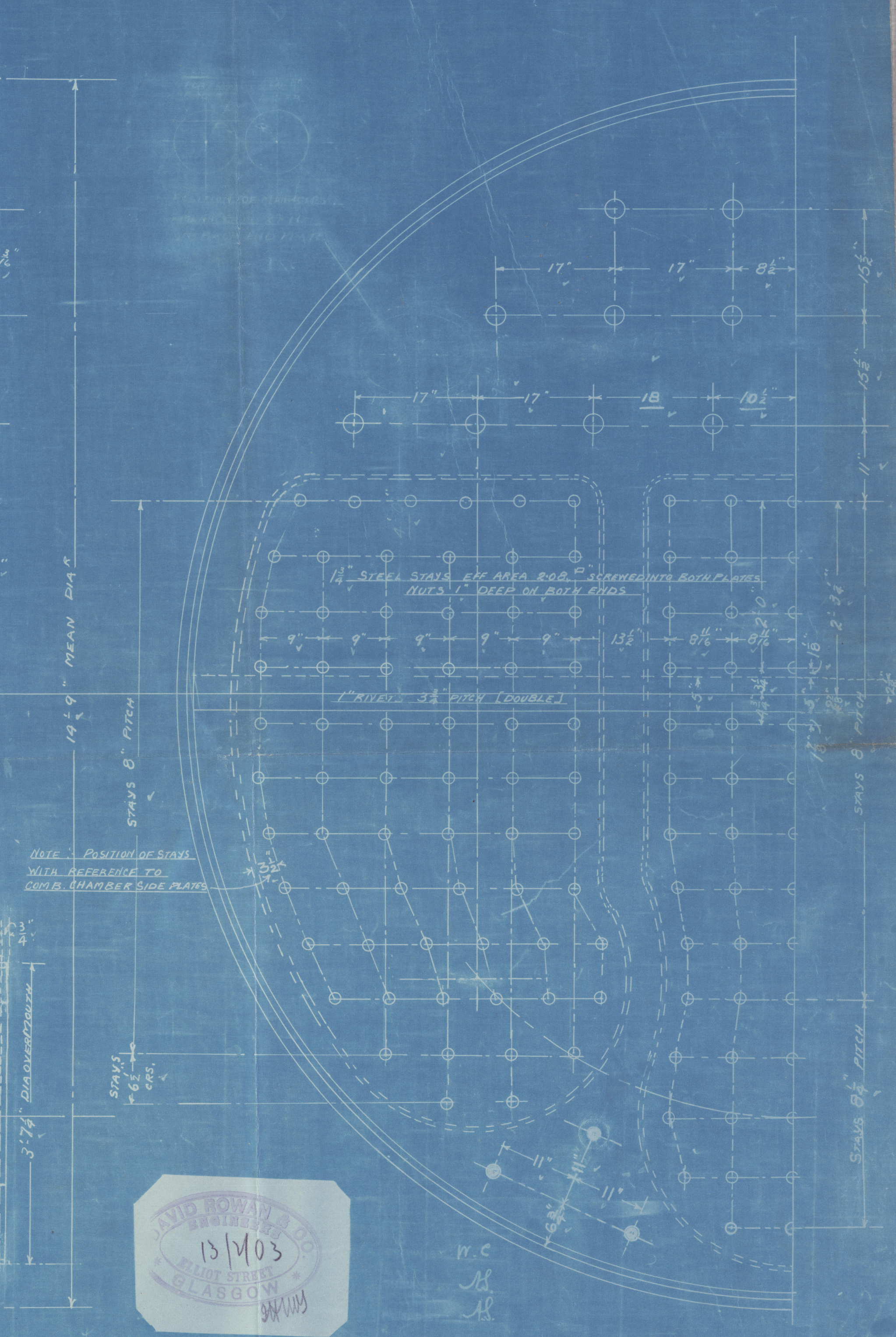
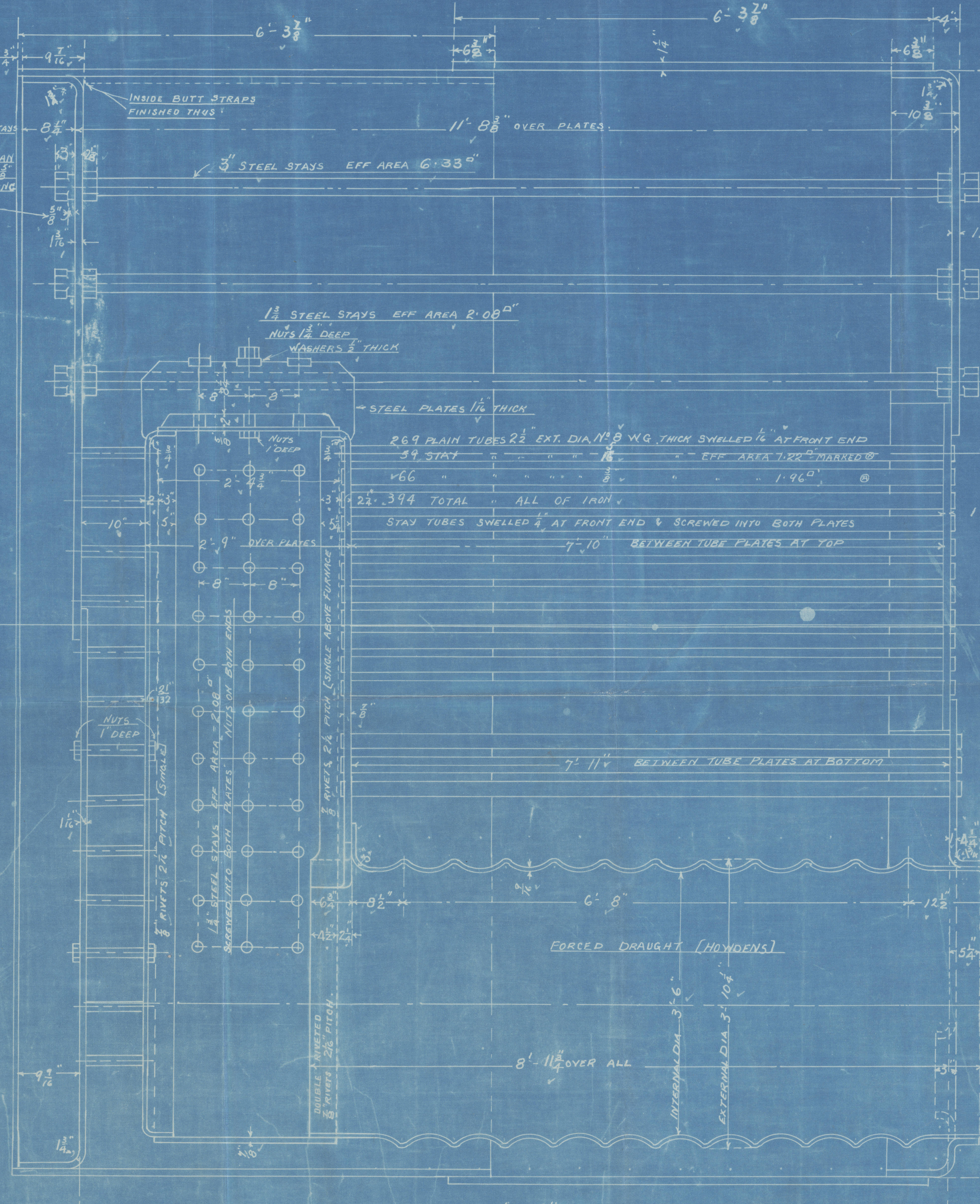
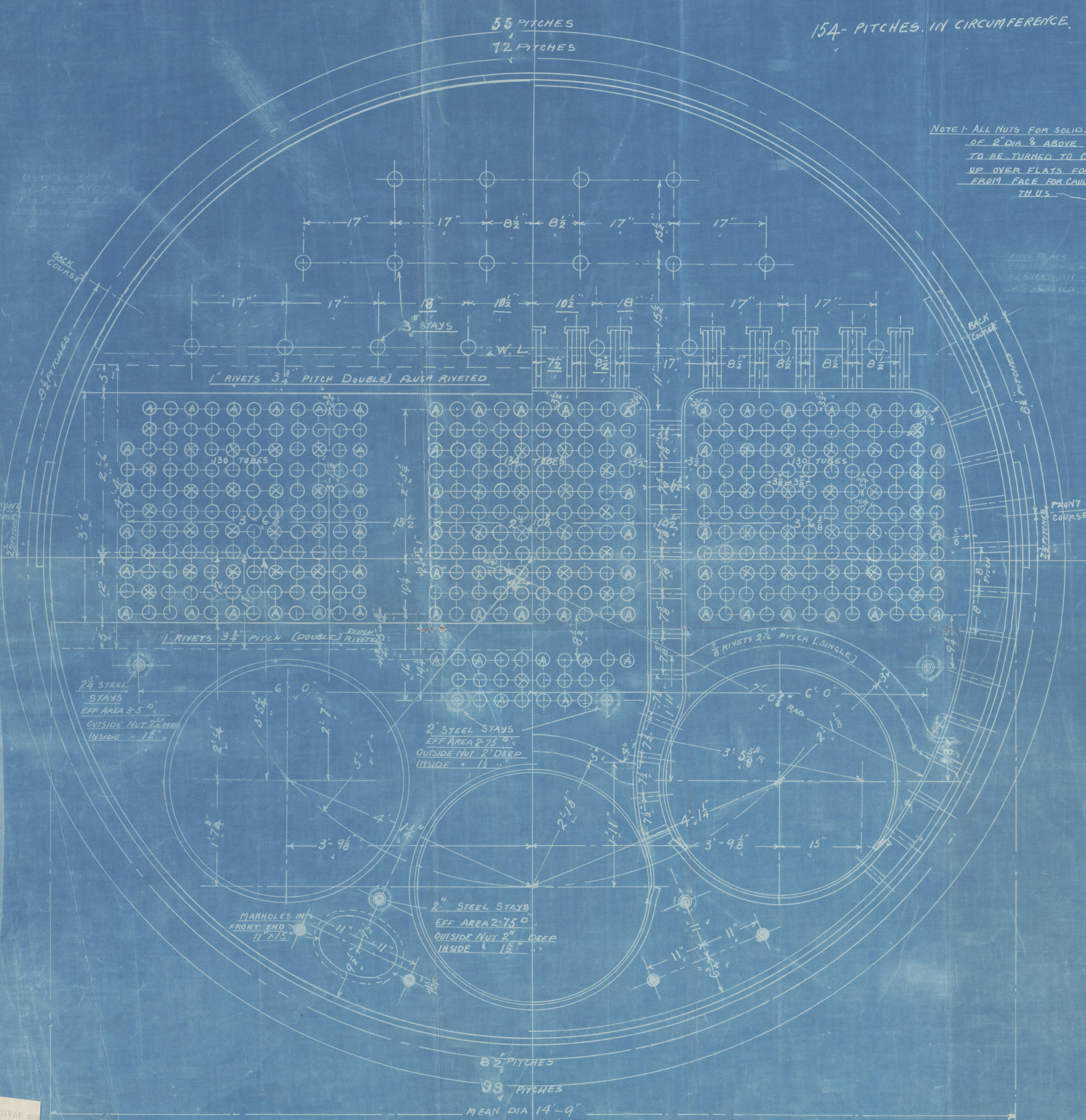
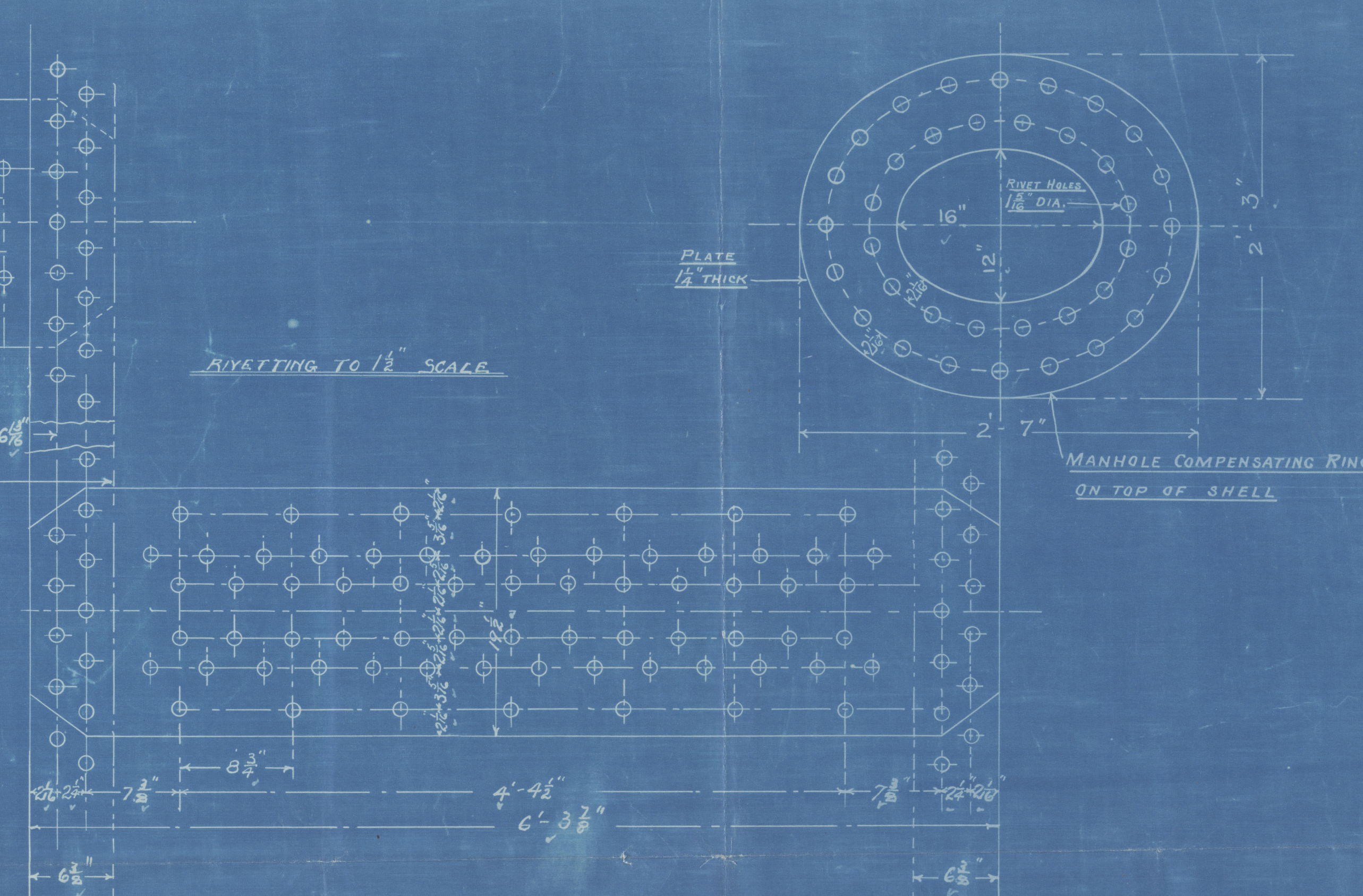
THICKNESS OF PLATES	
SHELL PLATES	1/2" STEEL
INNER BUTT STRAPS	1/8"
OUTER	1"
TOP END PLATES	1 1/2"
FRONT TUBE PLATE	1"
" " " " " " " "	1"
BOTTOM	1"
BOTTOM BACK	1 1/2"
BACK TUBE	1"
FURNACES	1 1/2"
FIRE BOX BACK	1 1/2"
" " " " " " " "	1 1/2"
SIDES & TOP	1 1/2"
" " " " " " " "	1 1/2"
BOTTOM	1 1/2"
GRIDDERS	1 1/2"

SURFACE	1 BOILER	2 BOILERS
394 TUBES 2 1/2" EXT. DIA	2016 #	4032 #
FURNACES	1484 "	2968 "
FIRE BOXES	2682 "	5364 "
TOTAL HEATING SURFACE	24286 "	48572 "
GRATE AREA 5'6" x 3'7"	59.1 "	118.2 "
WATER AREA	149	298
STEAM SPACE	430 CUBIC FT	860 CUBIC FT
AREA THRO' TUBES	94 #	188 #
RATIO GRATE TO HEATING SURFACE	1 TO 411	
" " " " " " " "	1 " 34.1	
" " " " " " " "	1 " 2.5	
" " " " " " " "	1 " 7.2	
" " " " " " " "	1 " 6.2	
% OF BOILER ABOVE FIRE BOX	31.1 %	
LENGTH OF FIRE BARS	5'6"	
WEIGHT OF WATER	TONS CUBIC TONS CUBIC	

INCIDENTAL JOINT.
PLATE 1/2" RIVETS 5/16"
154 PITCHES @ 3/16" IN CIRCUMFERENCE
RIVET HOLES 1 1/8" DIA. GIVEN 1/4" DIA.



SHELL PLATES 1/2" THICK
BUTT STRAPS 1/2" INSIDE
RIVETS 1/2" DIA. RIVET HOLES 1 1/8" DIA
RIVET HOLES DRILLED IN PLACE
1/2" PLATE B5 1/4 RIVETS 9/16"
ALL PLATES OF STEEL
LIMITS OF TENSILE STRESS OF SHELL
& BUTT STRAPS 25 TO 32 TONS PER SQ
INCH
PASSED LLOYDS



WORKING PRESSURE 185 LBS

MAIN BOILER N° 378
SCALE 1" = 1 FOOT

2 OFF

N° 2047

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W582-037626

W 582-0376 112

From DAVID ROWAN & CO., GLASGOW.

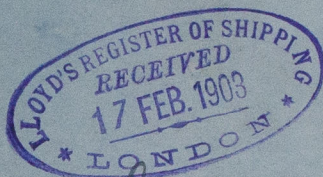
ENCLOSURE

FOR

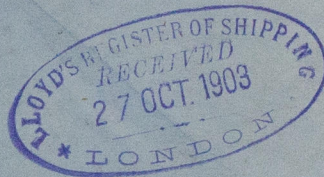
Messrs Lloyds Surveyors.

D. Rowan & Co.
Main Bolters
No 378.

14" dia x 11" 6
185 lbs W.P.



'Sicera Morena'
Glasgow apt No 21253



RETAIN



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Lloyd's Register
Foundation

W582-0376 1/2