

SURFACES	
TUBES	287 #
FIREBOX TOP & SIDES	18 "
" BACK	15 "
" TUBE PLATE	11 "
FURNACES	26 "
TOTAL HEATING SURFACE	357 #
CRATE AREA (BARS)	#
TUBE AREA	1'92 "
WATER "	49'5 "
STEAM SPACE	60'5 #
CRATE AREA: HEATING SURFACE	
" " TUBE	
" " WATER	
" " STEAM SPACE	
% BOILER ABOVE FIRE BOX	30.1
WEIGHT OF WATER	3 TONS

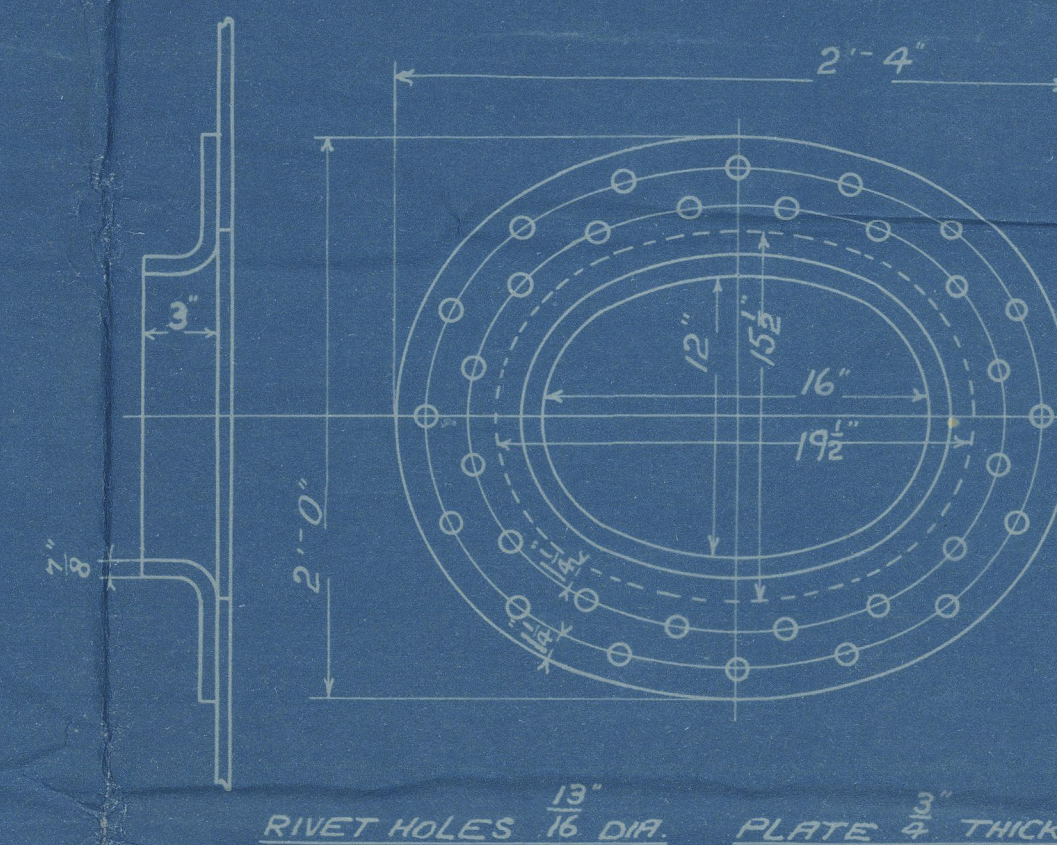
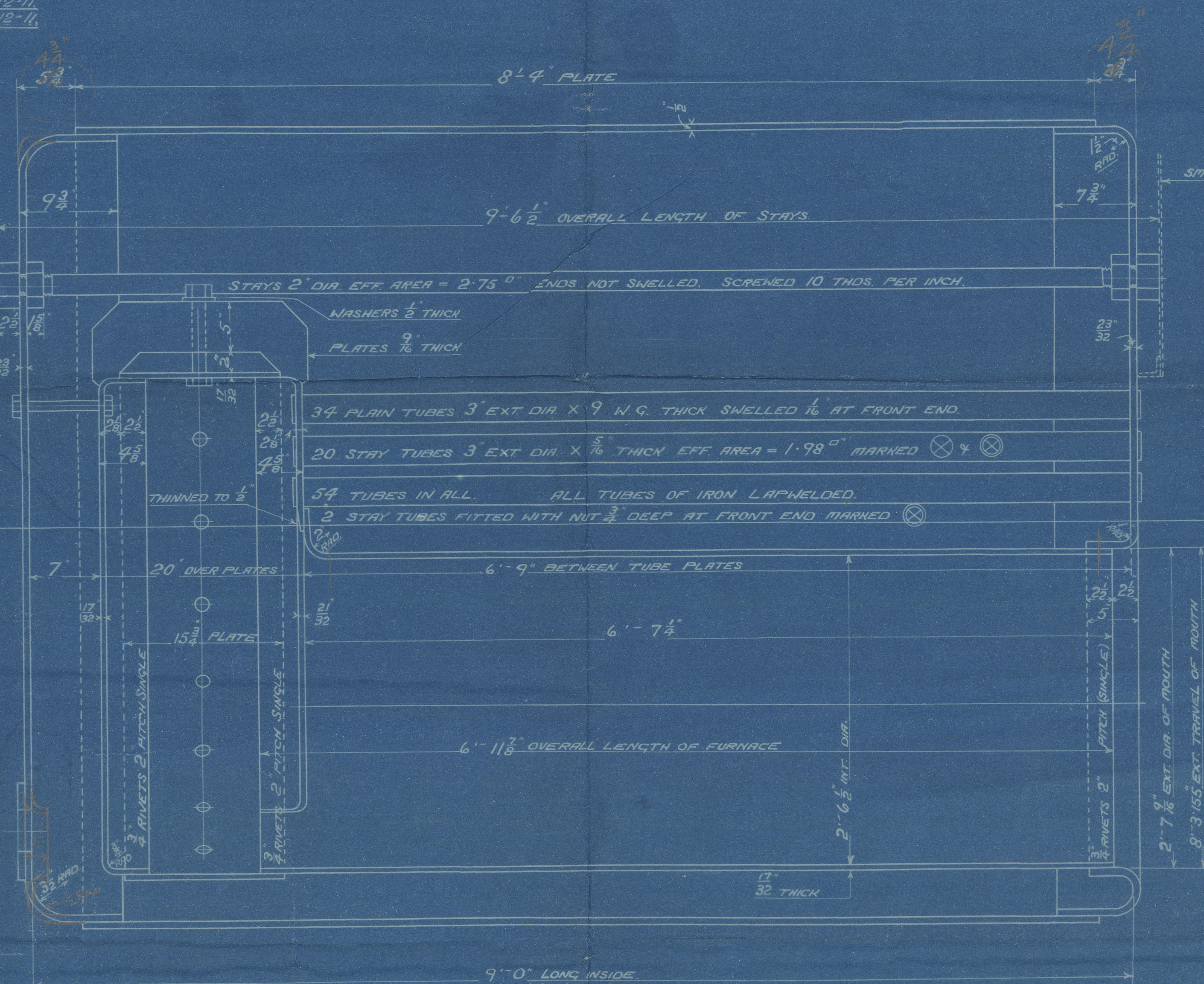
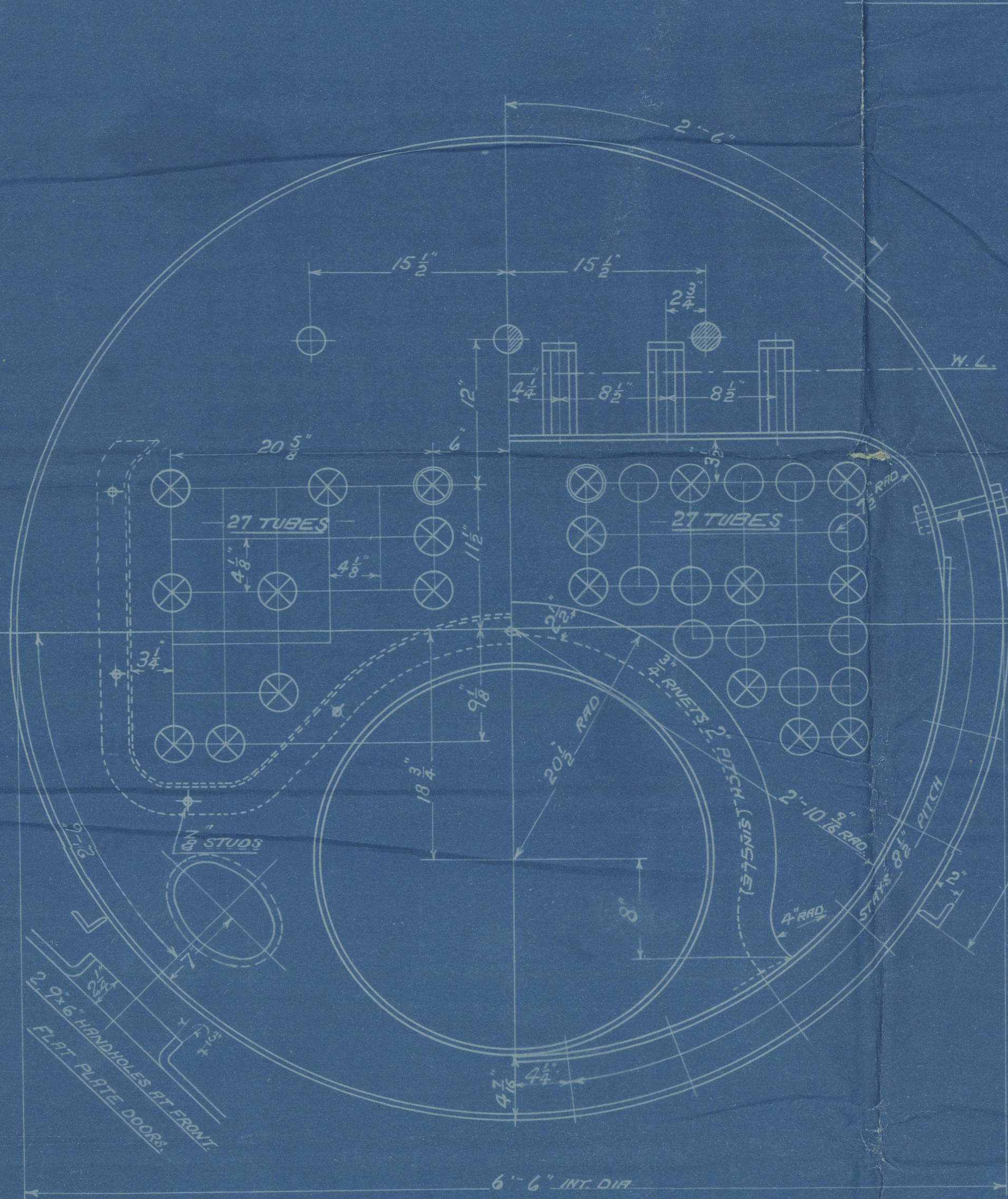
RIVETING		
	LONG. L	END CIRC. L
RIVET HOLE DIA	13/16	13/16
PITCH	3" 3/25"	2" 6/32"
% PLATE	75.5	69
% RIVET	LLOYD B.O.T	LLOYD B.O.T
	79.9 75.9	67 63.5

LIMITS OF TENSILE STRENGTH & MATERIAL		
SHELL & GIRDERS	28 495 TO 32 TONS	
OTHER PLATES	26 " 30 "	
FURNACES	26 " 30 "	
MAIN STAYS	28 " 32 "	
SCREENED STAYS	27 " 30 "	
RIVET BARS	26 " 30 "	

SIEMENS MARTIN STEEL

ALL RIVET HOLES DRILLED IN PLACE.

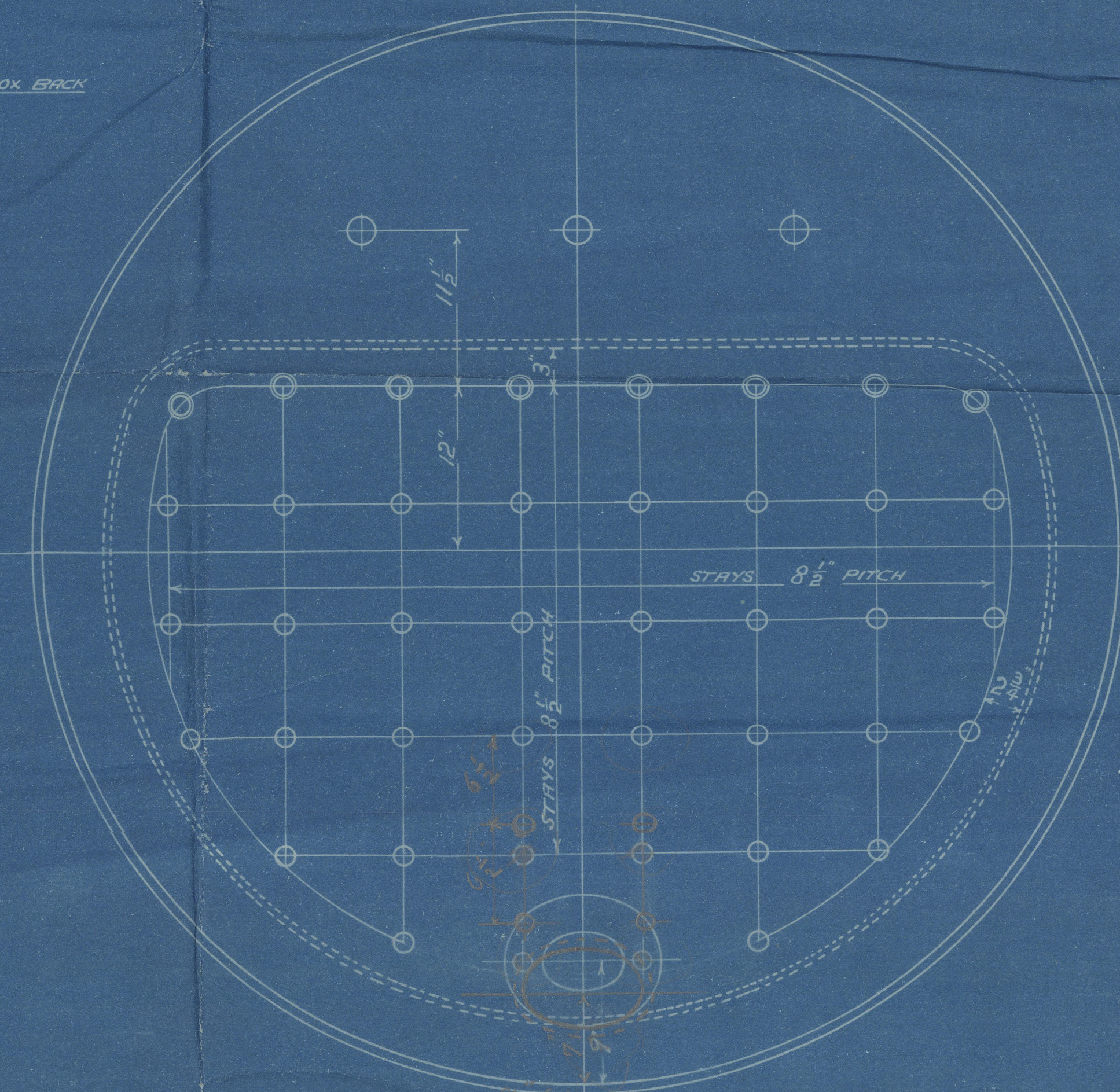
PASSED LLOYD'S 9-12-11
PASSED BOARD OF TRADE 26-12-11



RIVET HOLES 13/16 DIA. PLATE 3/4 THICK

SHELL MANHOLE COMPENSATING RING

FLAT PLATE DOOR



ONE 6" DIA. SIGHTHOLE AT BACK
DOUBLER 1/2" 26" 3/32 THICK
FLAT PLATE DOOR

FIREBOX STAYS - STEEL

POSITION	MARK	DIA.	EFF. AREA
BACK TOP & SIDES	○	1 1/8"	1' 22.0"
" " ROW	○	1 1/8"	1' 48.0"

ALL STAYS SCREWED THRU BOTH PLATES AND NUT FITTED AT EACH END, EXCEPT WHERE OTHERWISE STATED ON DRAWING.
ALL NUTS 1" DEEP EXCEPT ON GIRDER TOPS WHERE THE OUTSIDE NUTS ARE 1 1/8" DEEP.

DONKEY BOILER

ONE OFF

CONT. NO. 575

WORKING PRESSURE = 120 LBS. PER SQ. INCH.

TO PASS LLOYD'S AND BOARD OF TRADE SURVEYS.

SCALE 1 1/2" = ONE FOOT

From DAVID ROWAN
ENCLOSURE
Messrs. L.

DAVID ROWAN & CO.
ENGINEERS
20 DEC. 1911
ELLIS STREET
GLASGOW

DONKEY BOILER

O.T. 15208A TRIP NO. 0000

TRACES 21 NOVEMBER 1911

2020

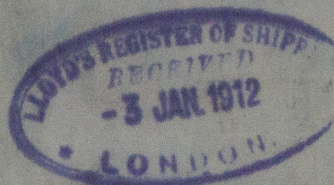
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ENCLOS

FOR

Messrs L

Glasgow
D Rowan & Co
Boiler 575
Donkey Boiler



Henderson Bros
No 1380.

W508-0060



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Foundation