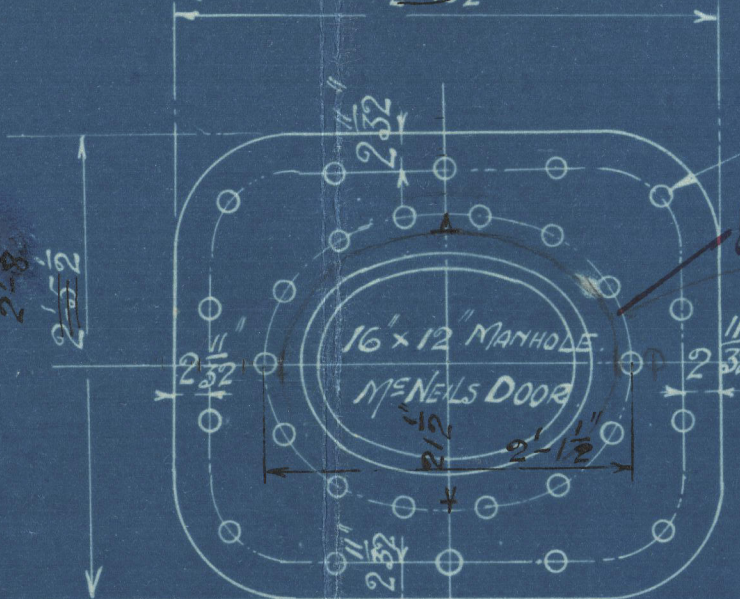


HEATING SURFACE

TUBES	2592.0
FURNACES	177.4
COMB CHAMBER SIDES	195.0
BACKS	96.0
TUBE PLATES	58.0

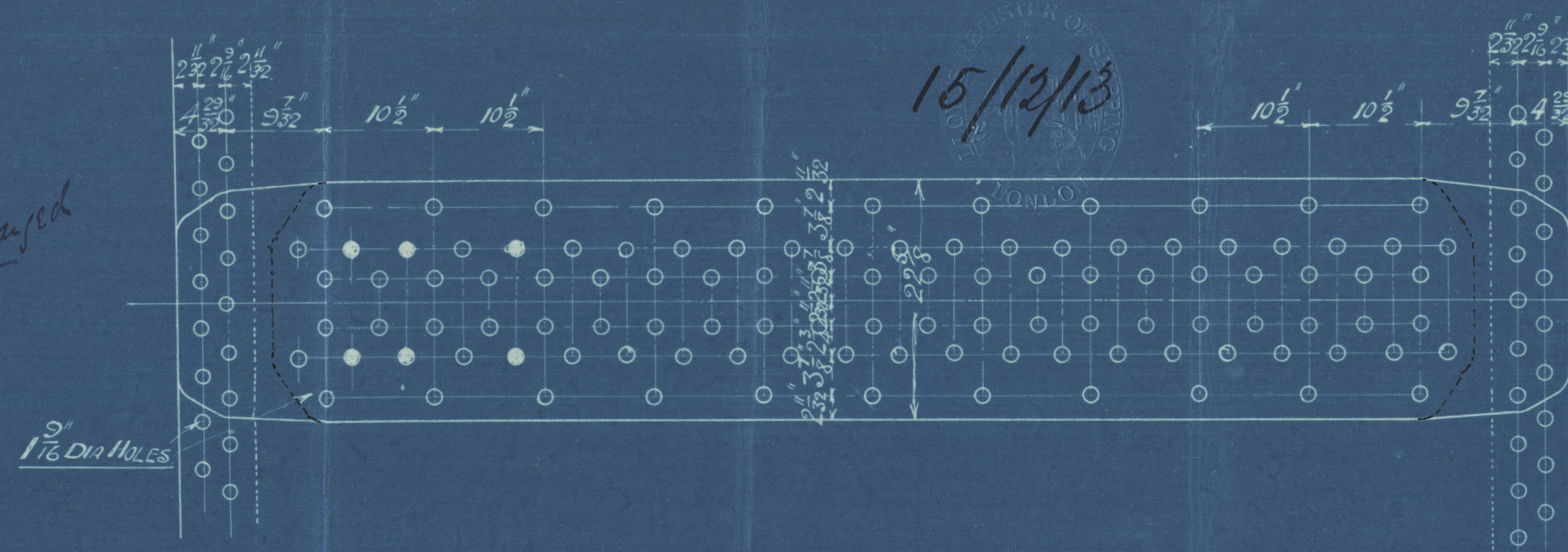
TOTAL FOR 1 BOILER 3118.4

GRATE AREA (WITH 5" 16" BARS)
ONE BOILER 71.5
5 357.5



COMPENSATING RATE 1/2 THICK

MEAN CIRCUMFERENCE 626.75
14.8 STAYS AT 4.25



DOUBLE BUTT STRIPS 1/2 THICK OUTSIDE THICK INSIDE
1/16 DIA HOLES 10 1/2 PITCH

ALL HOLES DRILLED IN PERCE

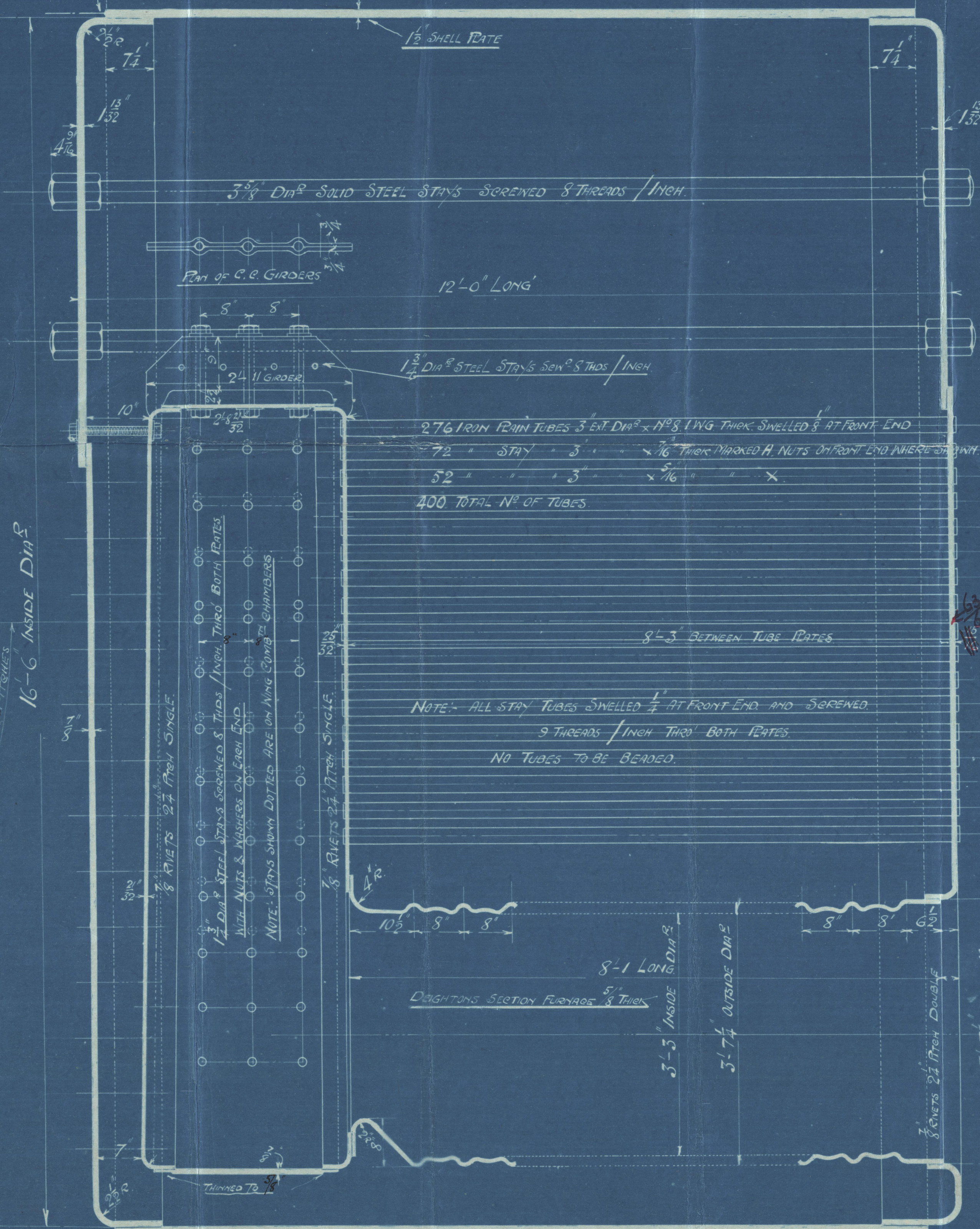
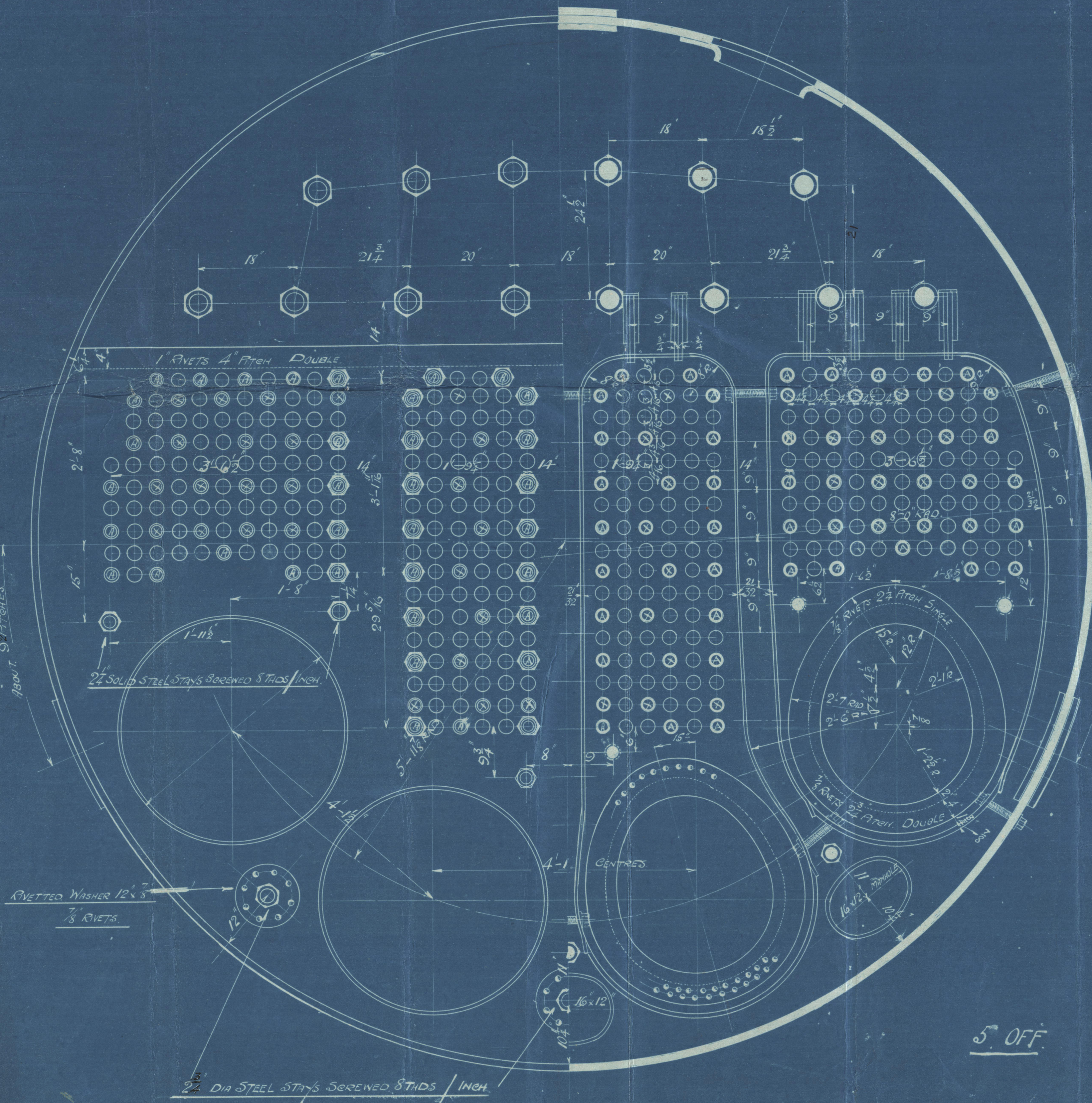
TENSILE STRENGTH OF SHELL AND BUTT STRIPS 30 TONS

TO PASS BOARD OF TRADE AND LLOYD'S SURVEYS

WORKING PRESSURE 120 LBS/SQ IN TEST PRESSURE 350 LBS/SQ IN

PERCENTAGE STRENGTH OF JOINT	B.O.T.	LLOYD'S
PLATE	85.1%	85.1%
RIVETS	87.08%	90.5%

EFFECTIVE AREA OF STAYS	
DIA	AREA
3 3/8"	9.43
2 1/4"	3.43
2"	2.66
1 3/8"	2.31
1 1/4"	2.02



Handwritten notes and signatures, including '15-12-13' and 'GPR'.

NOTE: FURNACE FRONTS TO BE BORED OUT



MAIN BOILER No 492

SCALE 1" = 1 FOOT

ALL PLATES, RIVETS, AND STAYS, STEEL, TUBE IRON.

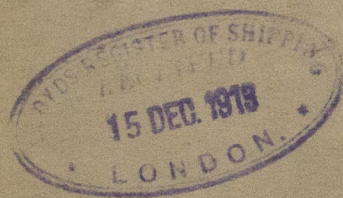
W38-0100

Amended Plan
Dodd Henderson & Co Lim 492.

5 SE Boilers

W.F. 190 lbs

GLASGOW REPORT No. 368 75
S/Westmordland



W138 - 0100,



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