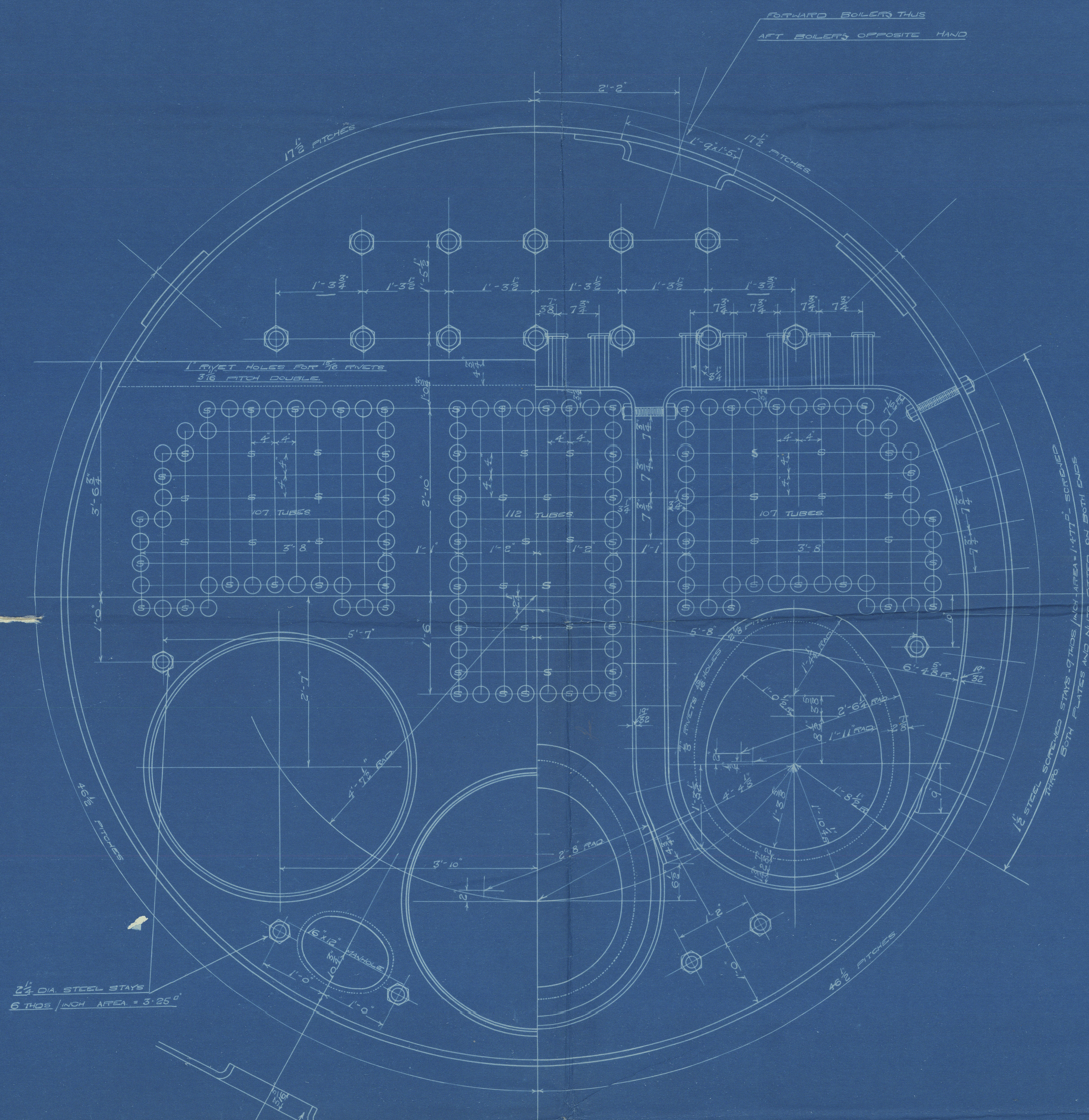


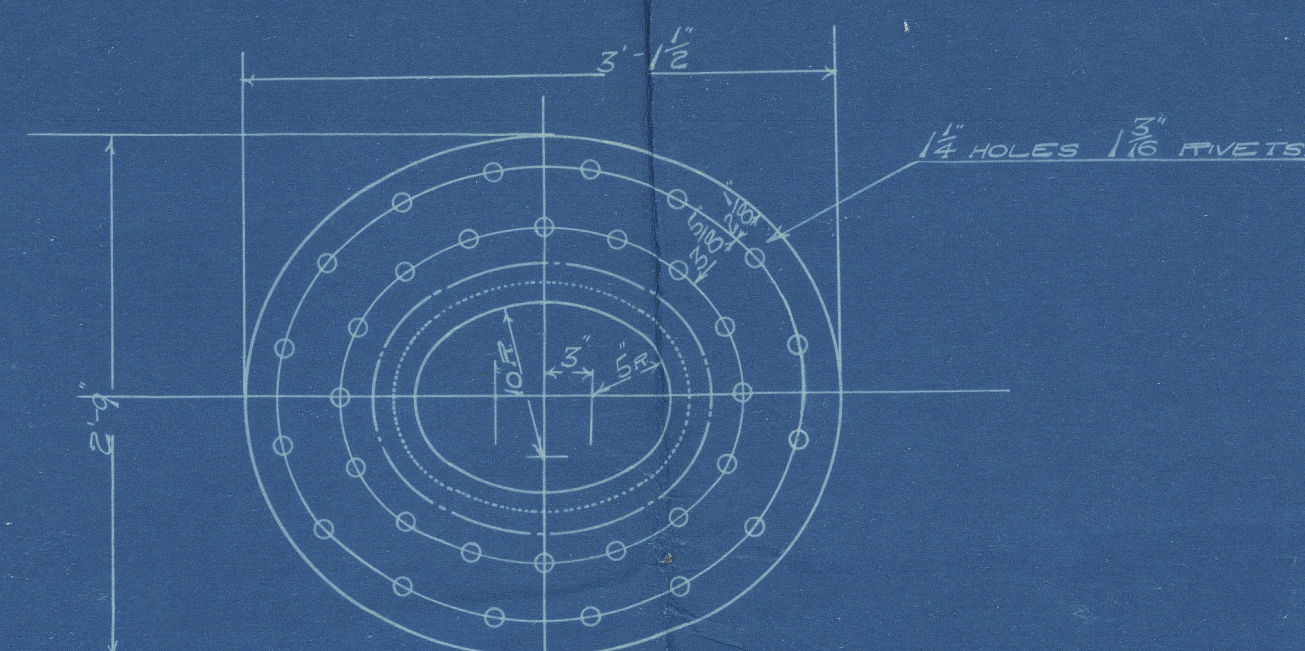
MAIN BOILERS.

SCALE 1" = 1 FOOT.



2 1/2" DIA. STEEL STAYS
6 THICK / INCH AREA = 5.355 sq"

14" NELLE DOOR FITTED



COMPENSATING RING - 1/8" THICK

PERCENTAGES

PART	PERCENTAGE
LONGITUDINAL PLATE	86.97%
PLATE	82.88%
CIRCUMFERENTIAL PLATE	69.7%
PLATE	50.57%

STRENGTH OF MATERIALS

DESCRIPTION	TENSILE STRENGTH (TONS/INCH)	ELONGATION (%)	MATERIAL
ALL FLANGED & CORR CORR PLATES	26-30	25 IN 8"	STEEL
ALL OTHER PLATES	28-32	20 IN 8"	STEEL
PLATES	26-30	25	STEEL
STEAM SPACE STAYS	28-32	20	STEEL
CORR CORR STAYS	26-30	25	STEEL
NUTS FOR STAYS	21	25	WROUGHT IRON

PARTICULARS OF BOILERS (TOTALS FOR 1 BOILER)

DIAMETER	14'-0"
LENGTH (MEAN)	10'-0"
HEATING SURFACE - TUBES	1749 sq ft
PLATES	259 sq ft
TOTAL	2008 sq ft
GRATE AREA (16'-0" DIA)	63 sq ft
RATIO - HEATING SURFACE	33.4
TUBE AREA (DRAFT)	12.27 sq ft
RATIO - TUBE AREA	5.18
STEAM SPACE	266 cu ft
WORKING PRESSURE	160 LBS / SQ. INCH
TEST PRESSURE	320 LBS / SQ. INCH

MAIN BOILERS - 4 OFF COMPLETE TO MEAS LLOYD'S SURVEY & CLASSIFIED BY GOVERNMENT SURVEY.

DESCRIPTION	SHEET NO
PLATES	597
TUBES	597
PLATES	597
MANHOLE DOORS ETC.	597
STAY BARS	597
NUTS FOR STAY BARS	597
TUBES	597

ENC. NO. 597
MAIN BOILERS.

SCALE 1" = 1 FOOT.

13541

FROM WILLIAM BEARDMORE & CO., LIMITED,
(ENGINE DEPARTMENT, DALLMUTH)
ENCLOSURE

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Foundation

W1050-0031

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FROM WILLIAM BEARDMORE & CO., LIMITED,
(ENGINE DEPARTMENT), DALMUIR.

ENCLOSURE

FOR

Lloyd's Register
Foundation

W1050-0031 $\frac{1}{2}$

Wm Beardmore & Co Ltd 594.

4 SE Main Boilers

W.P. 160 lbs

for Admiralty Tugs. "Stoic" Class

GLASGOW REPORT No. 38064
38065

J.H. Dainty. E. High & Co 1916 L.
h. 360
Newport Mon 1930

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