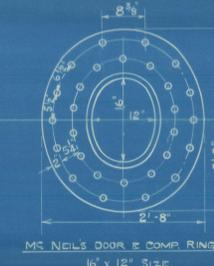
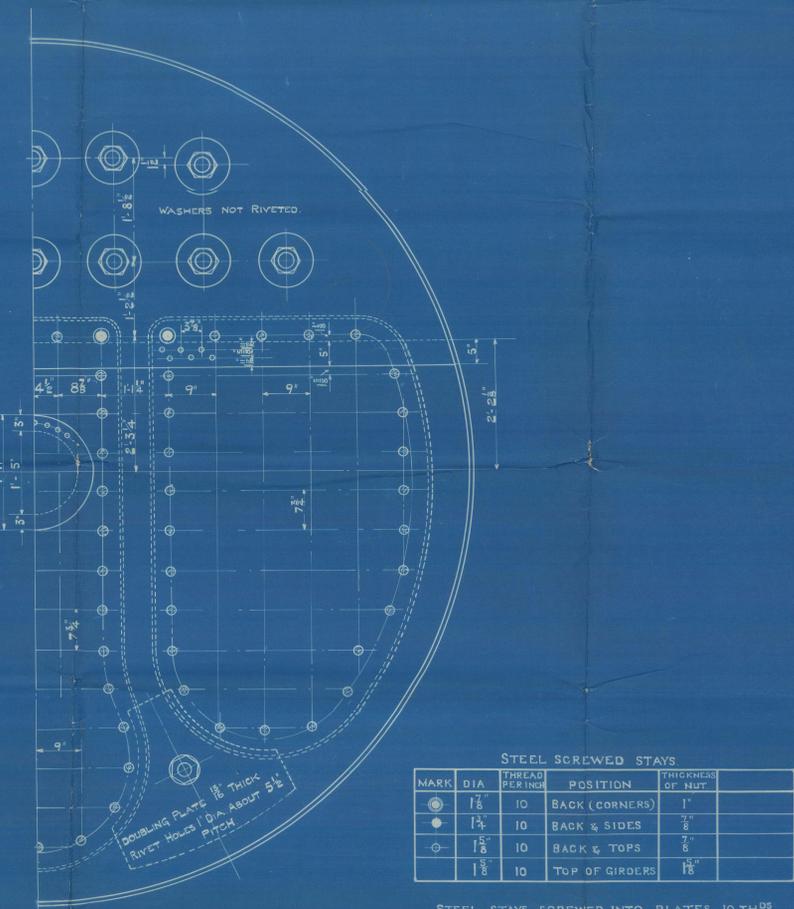
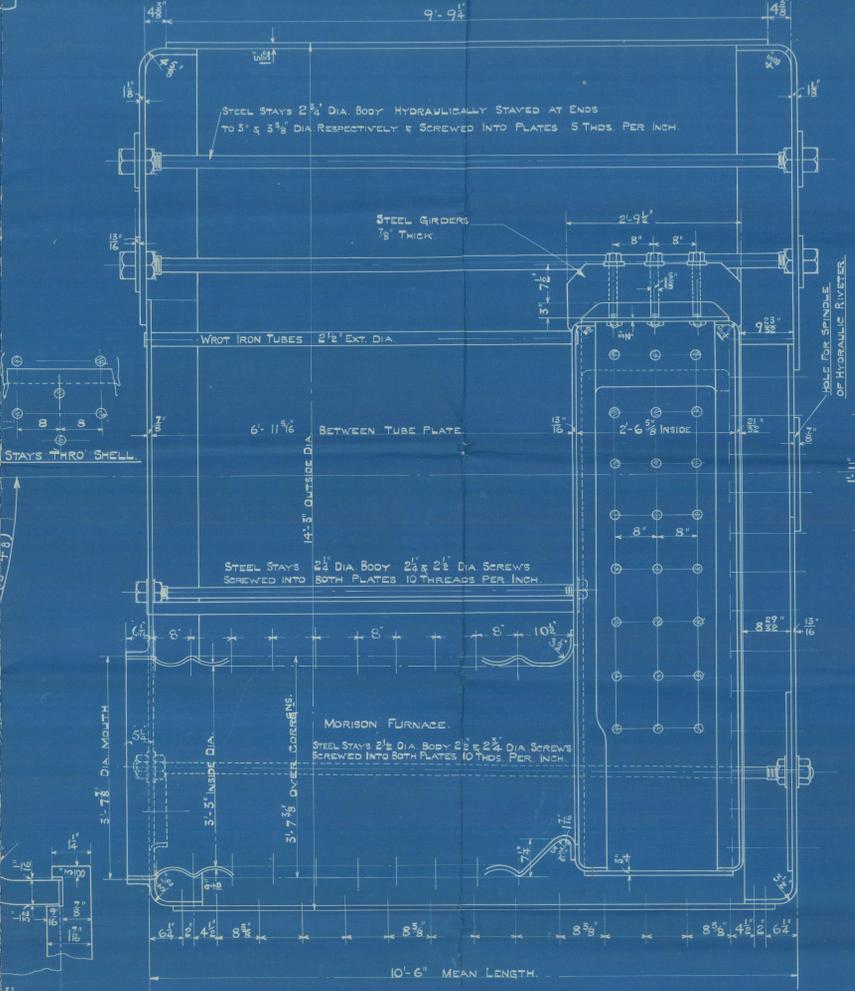
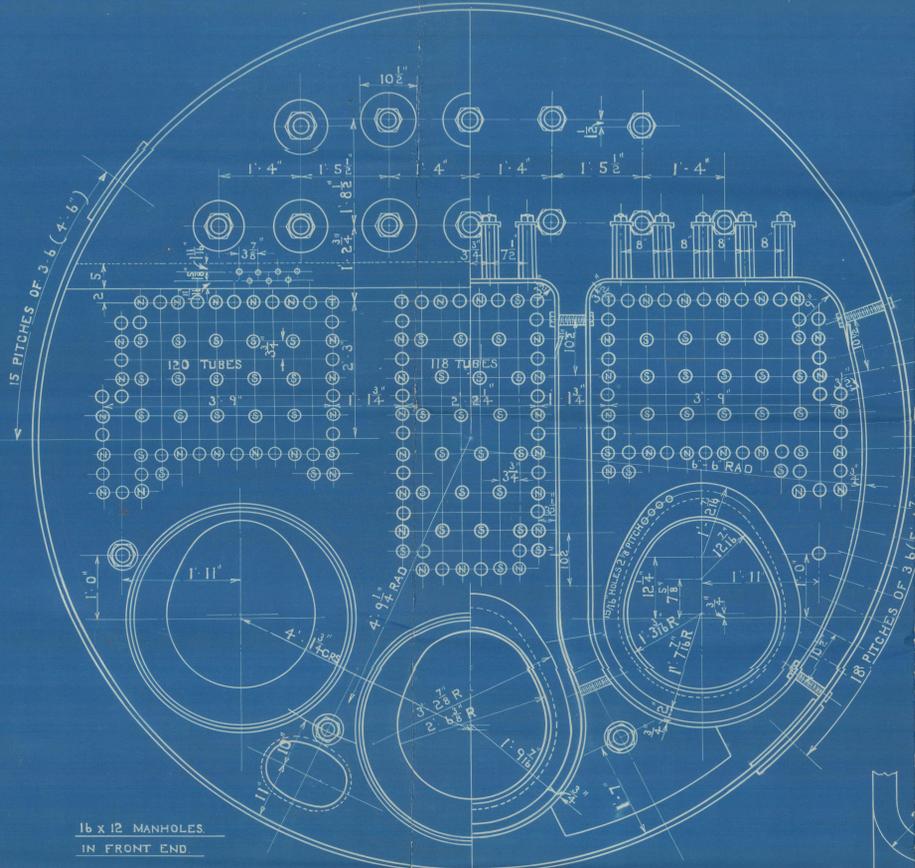
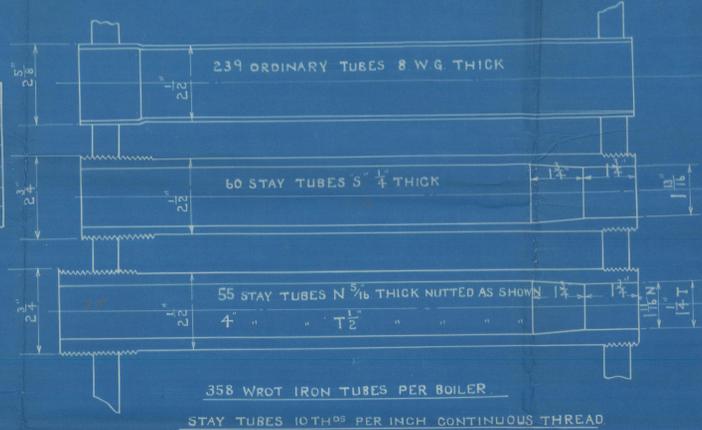


FOR SHELL RIVETING SEE NO 852'S TEMPLATES



HEATING SURFACE ETC.	1 BOILER	2 BOILERS
TUBES	1400 #	
FURNACES	136 "	
COMBUSTION CHAMBERS	204 "	
TOTAL	1940 #	3880 #
STEAM SPACE	342 #	684 #
COMBUSTION SPACE	380 #	760 #



STEEL SREWED STAYS

MARK	DIA	THREAD PER INCH	POSITION	THICKNESS OF PLATE
●	1 1/8	10	BACK (CORNERS)	1"
○	1 1/4	10	BACK & SIDES	7/8"
○	1 3/8	10	BACK & TOPS	7/8"
○	1 1/2	10	TOP OF GIRDERS	1 1/8"

STEEL STAYS SREWED INTO PLATES 10 THOS PER INCH NOT WORKED IN FIRE. NUTTED AT BOTH ENDS EXCEPT WING STAYS WHICH PROJECT 7 THRO SHELL & ARE CALKED.

PARTICULARS OF RIVETING

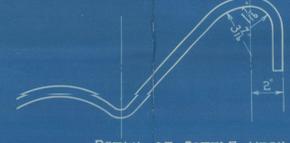
SHELL	LONGITUDINAL SEAMS DOUBLE BUTT STRAPS RIVETED AS SHOWN
	STRENGTH OF PLATE 85.3%. STRENGTH OF RIVET 99.1%
	CIRCUMFERENTIAL SEAMS DOUBLE RIVETED AS SHOWN
END PLATES	LAPPED DOUBLE RIVETED. 1 1/8 RIVET HOLES 3 1/8 PITCH
FURNACES & COM CHS	DOUBLE RIVETED 1 1/8 HOLES 3 PITCH SINGLE RIVETED 1 1/8 HOLES 2 1/8 PITCH
	ALL PLATES & RIVETS STEEL. ALL HOLES DRILLED IN PLACE.
	TENSILE STRENGTH OF SHELL PLATES FROM 29 TO 33 TONS PER SQ INCH
	BUTT STRAPS & GIRDERS 28 - 32
	ENDS COMB CHAMS & FURNACES 26 TO 30
	LONGITUDINAL STAYS 28 - 32
	SREWED STAYS & RIVET BARS 26 - 30

DETAIL OF FRONT MANHOLE DOORS SCALE - HALF SIZE

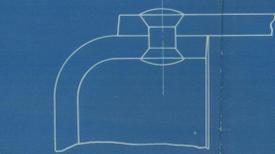


WORKING PRESSURE 180 LBS PER SQ INCH. TEST " 320 LBS " " "

FORCED DRAUGHT



FURNACES & BACK TUBEPLATE CHAMFERED THUS AROUND TOP HALF SCALE - HALF SIZE



RIVETS IN FURNACES & COMB CHAMBERS TO BE FINISHED AS SHOWN SCALE - HALF SIZE

No. 899
2-OFF
S. E. MAIN BOILER
FOR SINGLE SCREW STEAMER.

SCALE 1" = 0"

P. S. Eames

Harland & Wolff

899

Harland & Wolff Ltd.

No 899

TWO S. E. MAIN BUILDINGS.

RETAIN

W1636-0223



© 2021

Lloyd's Register
Foundation