

BOILER ORDER N^o. 334B.

MESSRS. SWAN HUNTER & WIGHAM RICHARDSON SS 1063

TO BE CONSTRUCTED TO PASS LLOYD'S REQUIREMENTS.

1. OFF.

SCALE 1" = 1 FOOT.

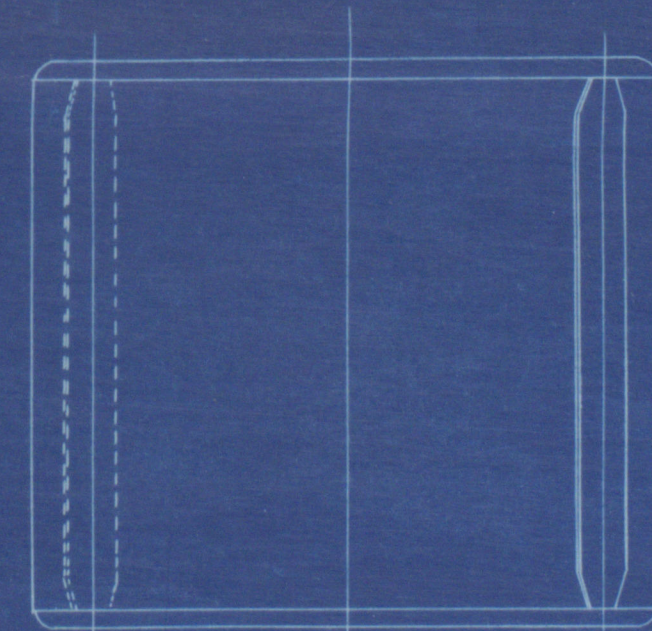
BOILER DESIGNED TO SCANTLINGS OF THE BRITISH MARINE
ENGINEERING DESIGN & CONSTRUCTION COMMITTEE.

DATE 28/8/1919
TIME CHARGED TO 28/1

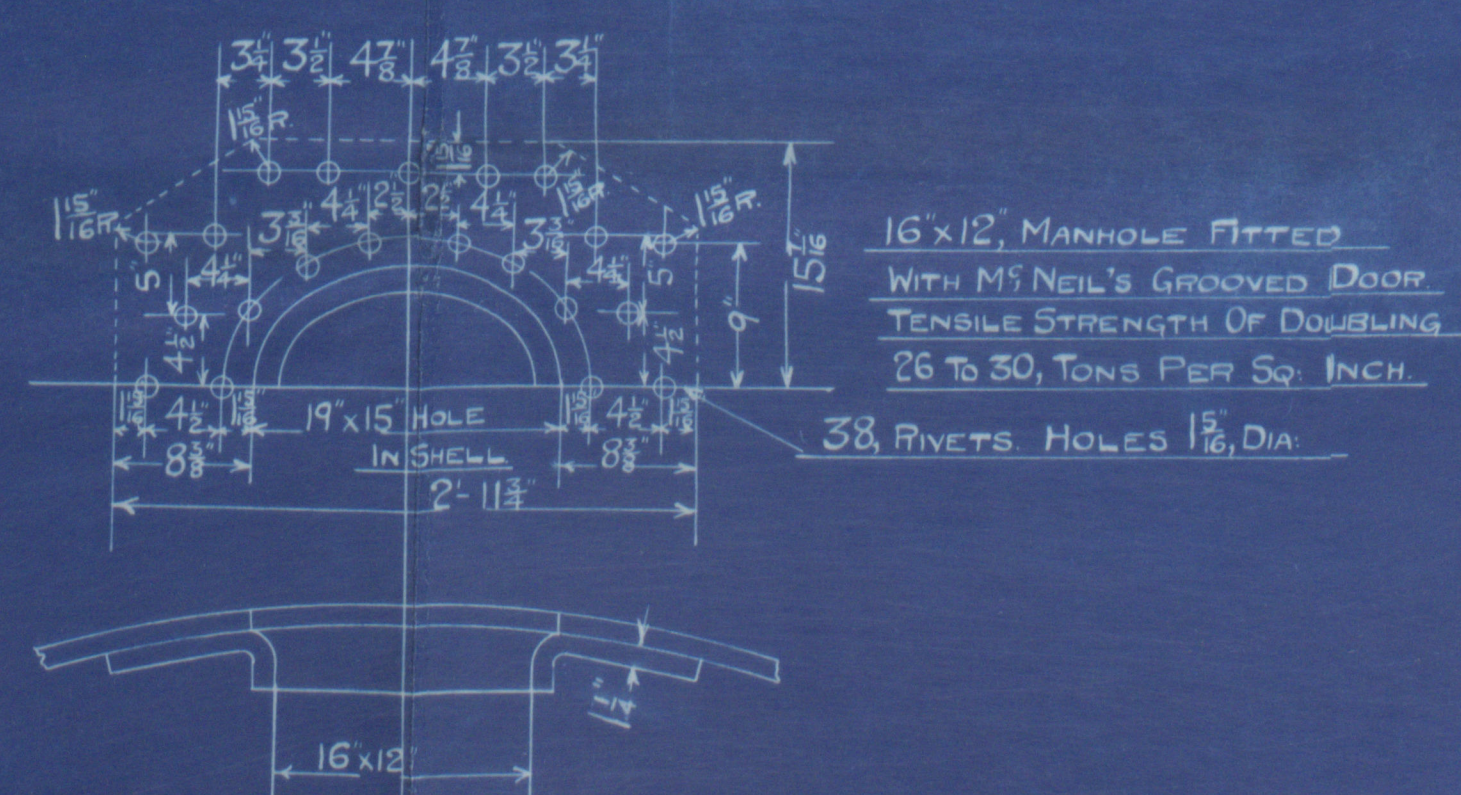
HEATING SURFACE.

TUBES	1400. SQ. FEET
FURNACES	113 " "
COMBUSTION CHAMBERS	154 " "
BACK TUBE PLATE	35 " "
FRONT TUBE PLATE	26 " "
TOTAL FOR ONE BOILER	1728 SQ. FEET

WORKING PRESSURE	225 LBS. PER Q.
TEST PRESSURE	394 " "
GRATE SURFACE	42 Q.



FRONT OF BOILER



16" x 12" MANHOLE FITTED
WITH M^s NEIL'S GROOVED DOOR.
TENSILE STRENGTH OF DOUBLING
26 TO 30 TONS PER SQ. INCH.
38 RIVETS HOLES 1 1/2" DIA.

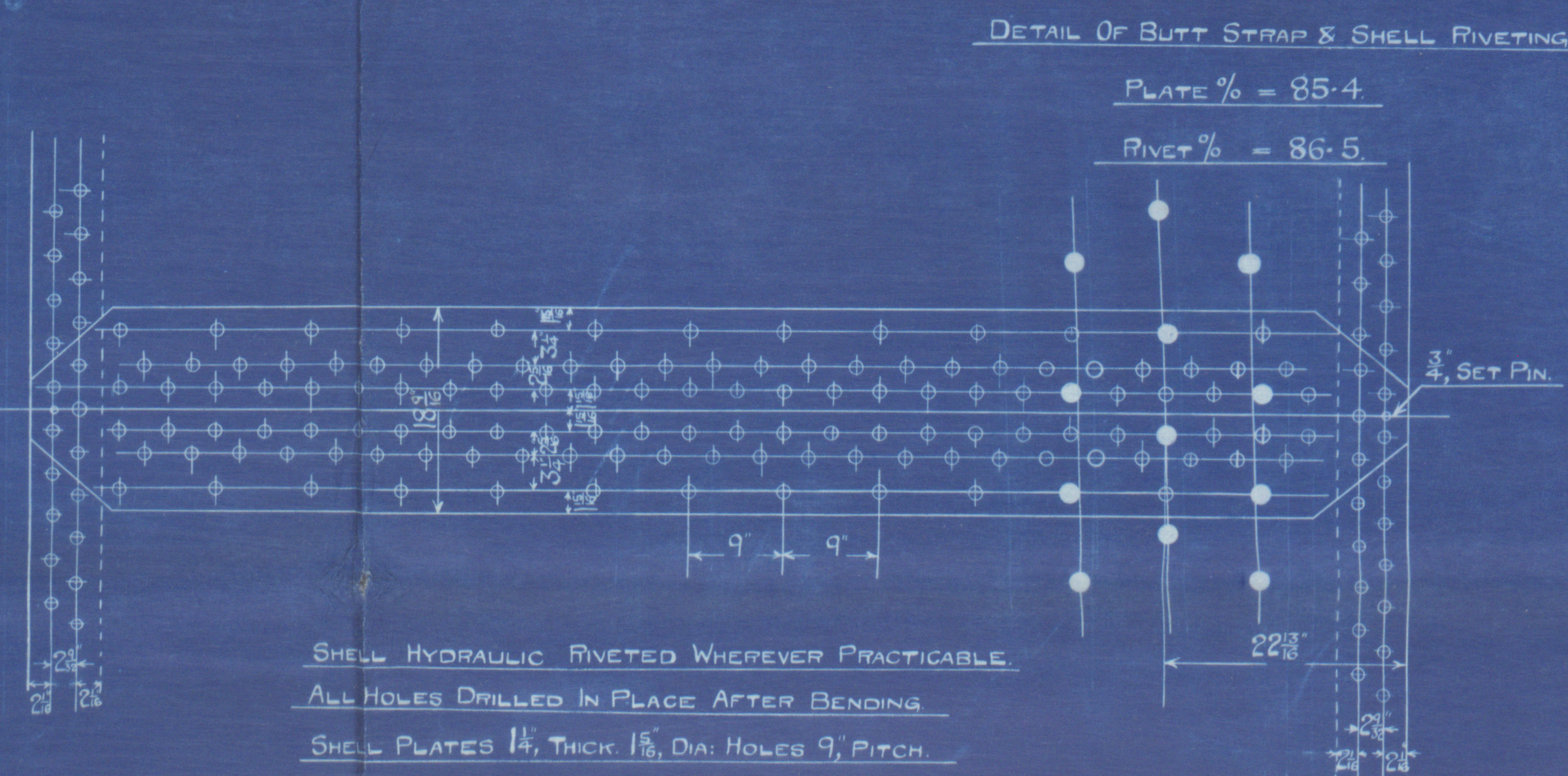
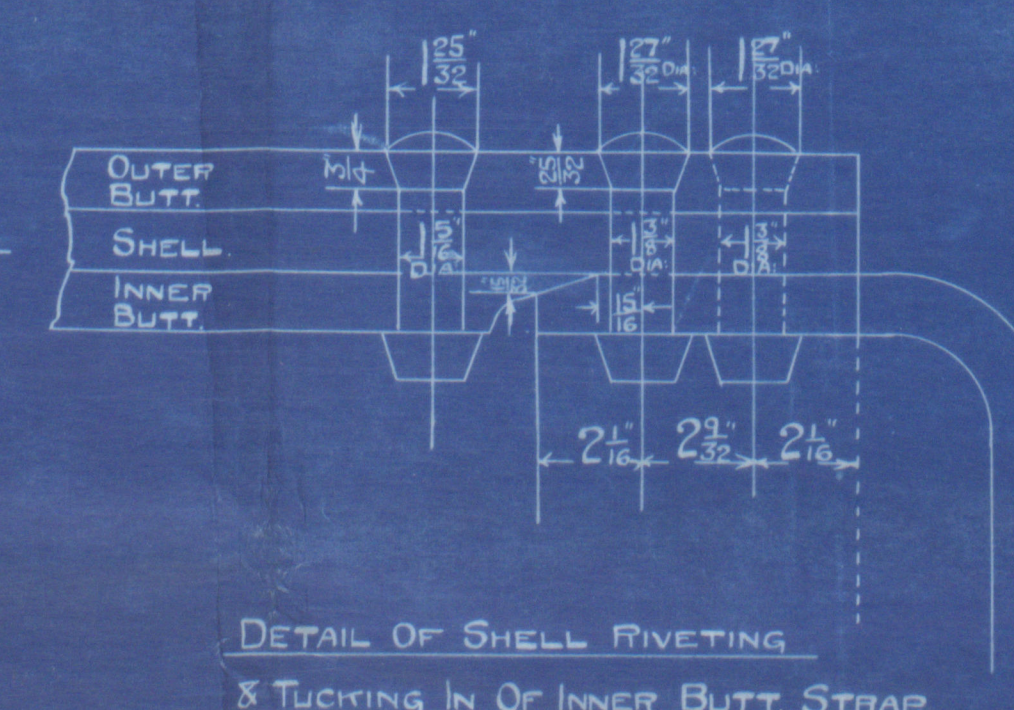


PLATE % = 85.4

RIVET % = 86.5



DETAIL OF SHELL RIVETING
& TUCKING IN OF INNER BUTT STRAP

SHELL HYDRAULIC RIVETED WHEREVER PRACTICABLE.

ALL HOLES DRILLED IN PLACE AFTER BENDING.

SHELL PLATES 1 1/2" THICK 1 1/2" DIA HOLES 9" PITCH.

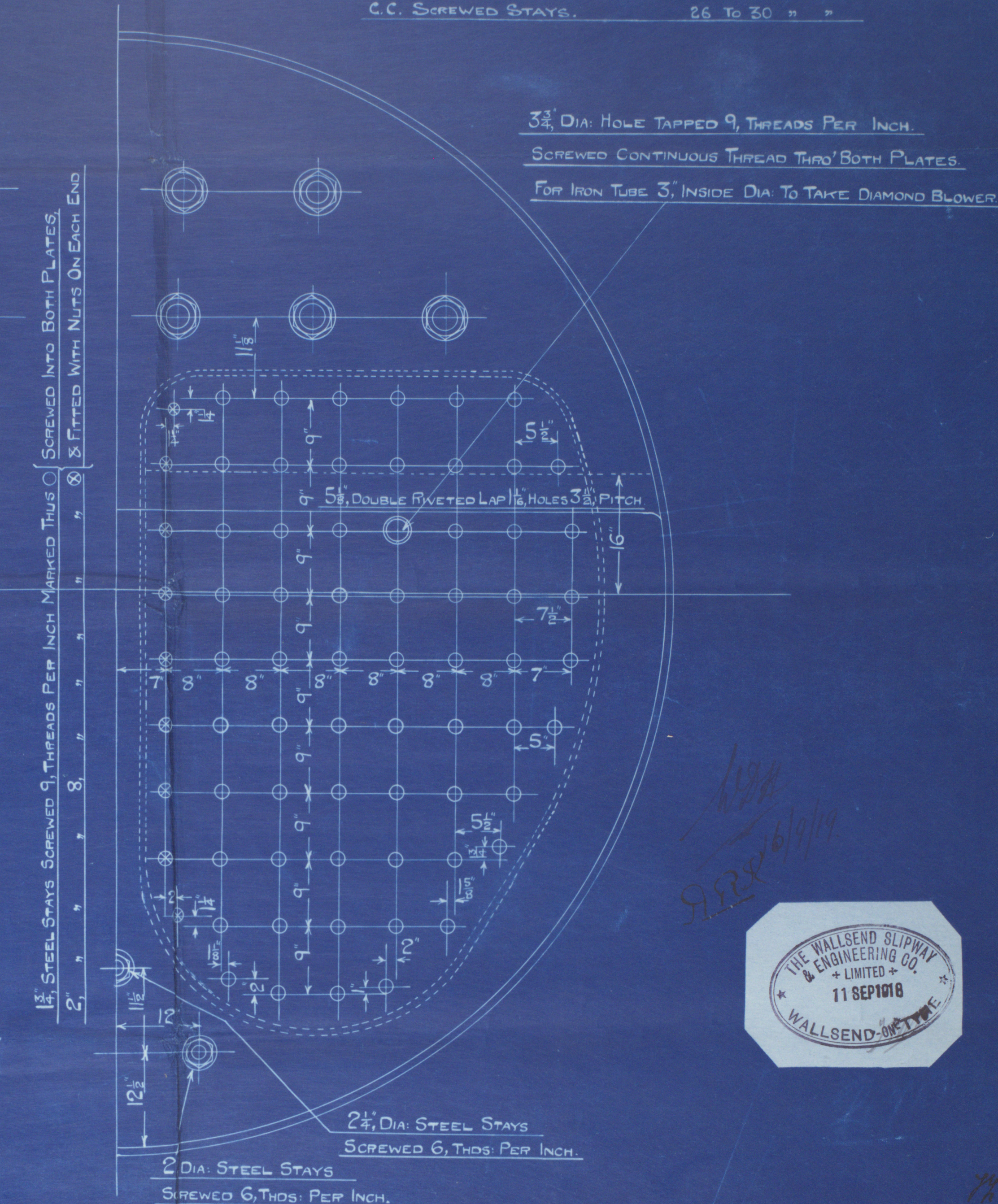
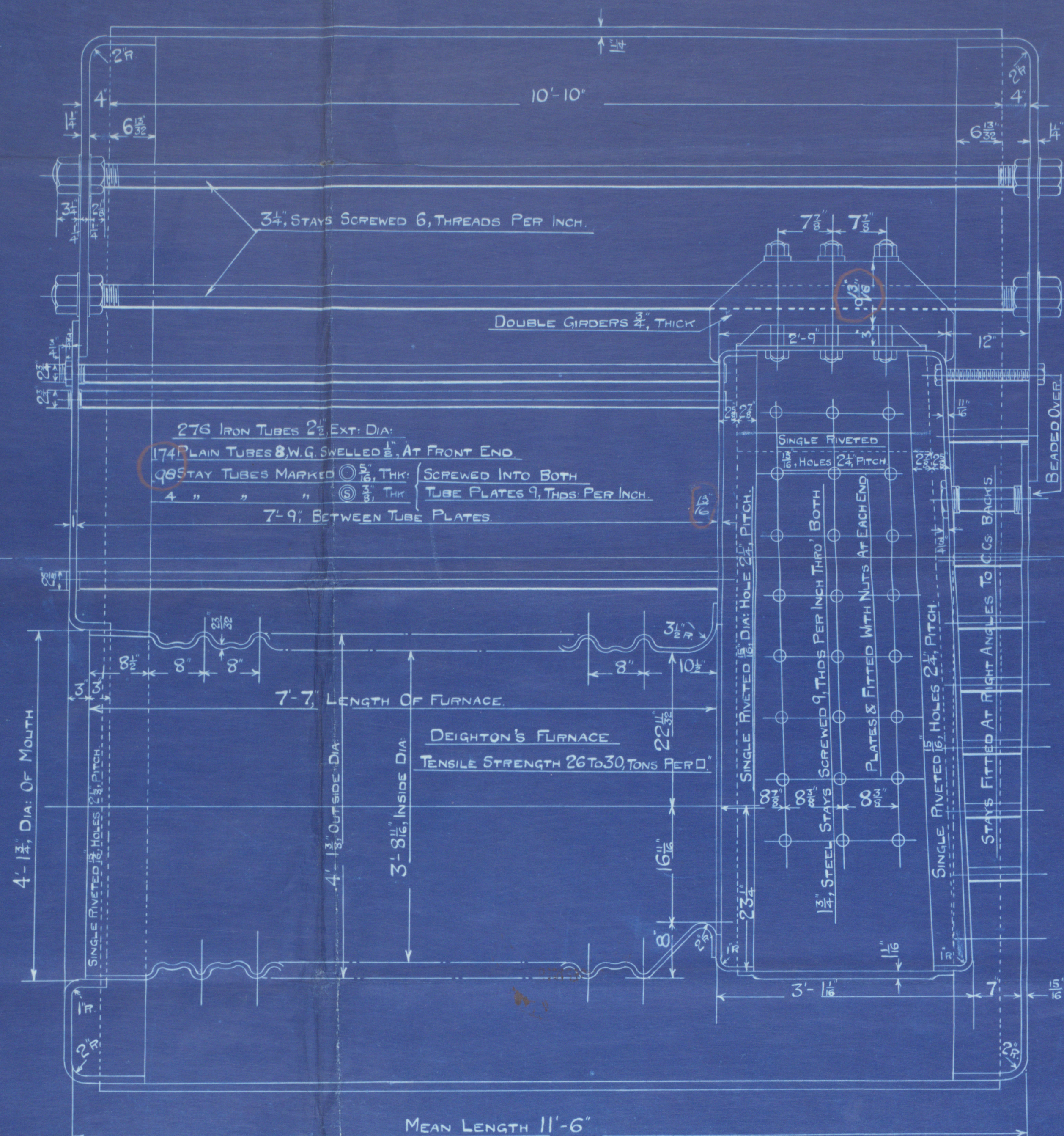
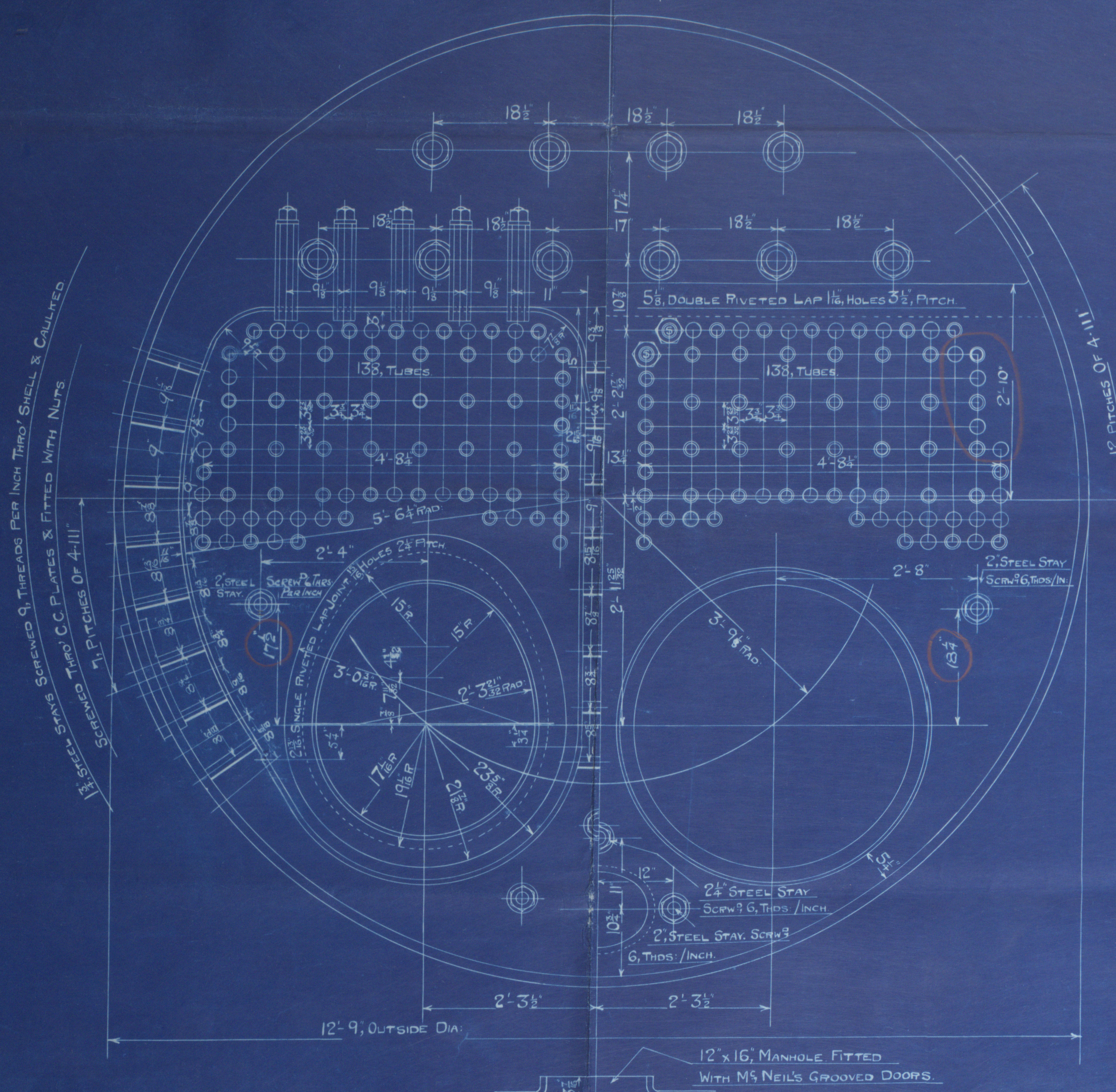
CIRCUMFERENTIAL SEAMS DOUBLE RIVETED.

1 1/2" PITCHES OF 4-11/16" RIVET HOLES 1 1/2" DIA.

OUTER BUTT STRAP 1 1/2" THICK INNER BUTT STRAP 1 1/2" THICK.

MATERIAL	TENSILE STRENGTH OF MATERIAL
PLATES STEEL	SHELL PLATES AND BUTT STRAPS 30 TO 34 TONS/Q.
RIVETS "	WRAPPER & FLANGED PLATES 26 TO 30 " "
STAYS "	GIRDER PLATES 28 TO 32 " "
TUBES IRON	STAY BARS LONGITUDINAL 28 TO 32 " "
	C.C. SCREWED STAYS 26 TO 30 " "

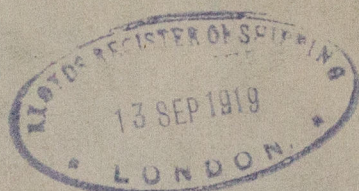
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W372-00



Wallsend Slip & Ing Co 334 B.
Auxiliary Boiler for Ing 600
225 lbs.



SWAN HUNTER & WIGHAM RICHARDSON & CO'S
OF CITY OF BRISBANE 1063

NEWCASTLE ON TYNE.

Report No. 73339.

RETAIN



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Lloyd's Register

W372-0077