

# THE BRITISH TANKER CO. LTD. ONE BOILER THUS.

224 IRON TUBES 2 1/2" EXT. DIA. (INCLUDING 62 STAY TUBES)

HEATING SURFACE OF TUBES = 1185 SQ. FT.

" " FURNACES ETC. 280 " "

TOTAL 1465. " "

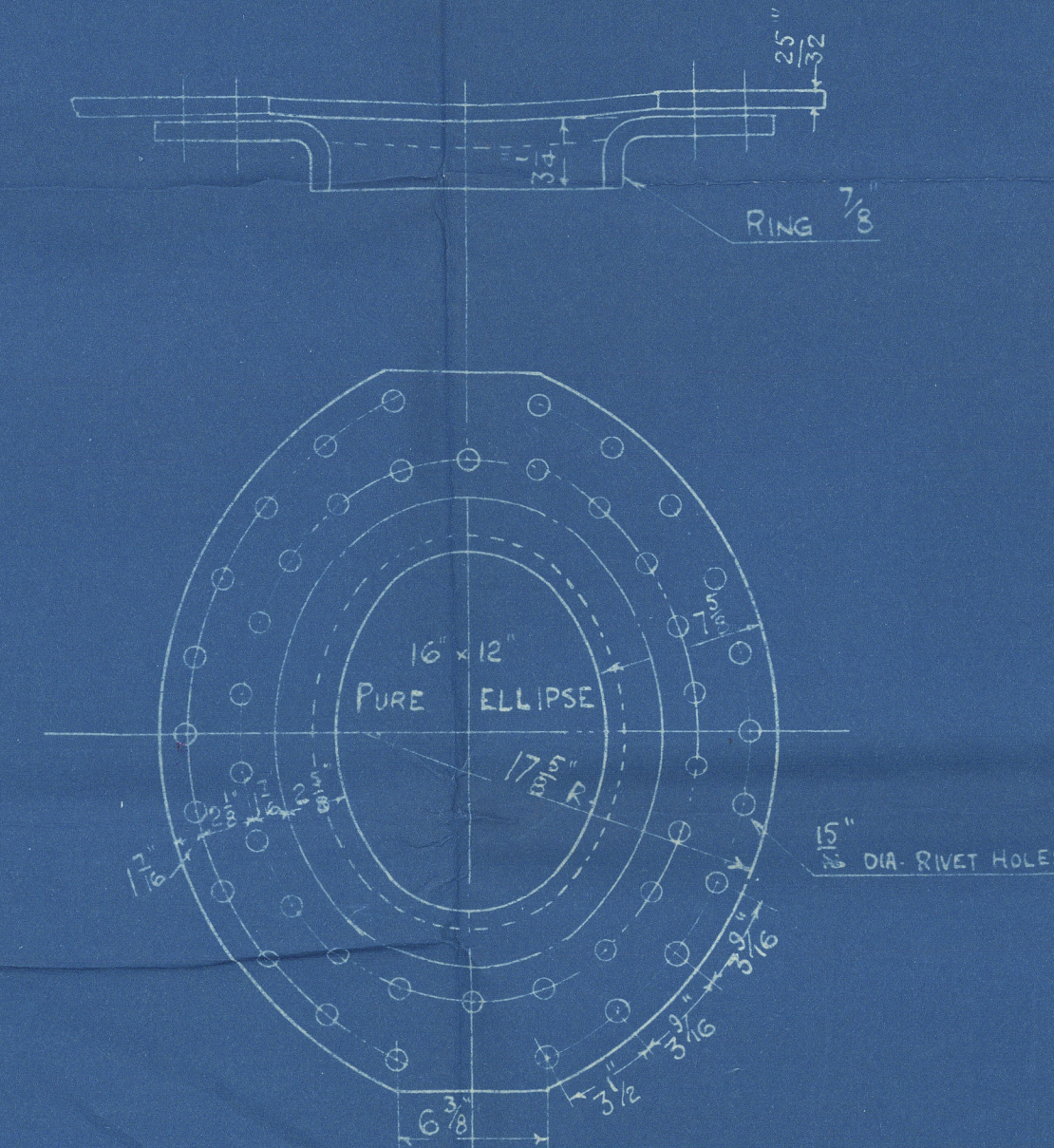
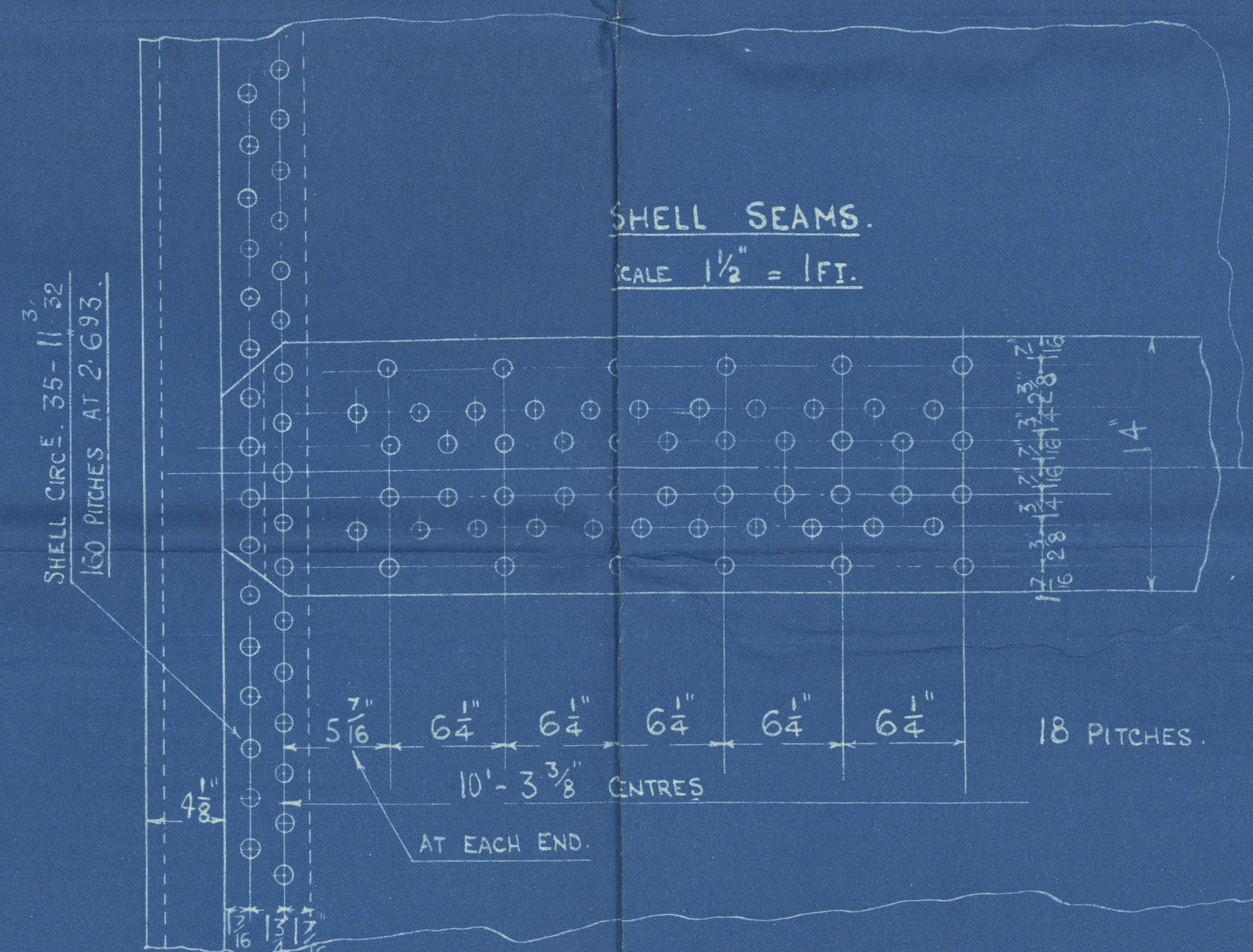
GRATE AREA OIL FIRED.

WORKING PRESSURE 150 LBS / D"

TEST " 275 " "

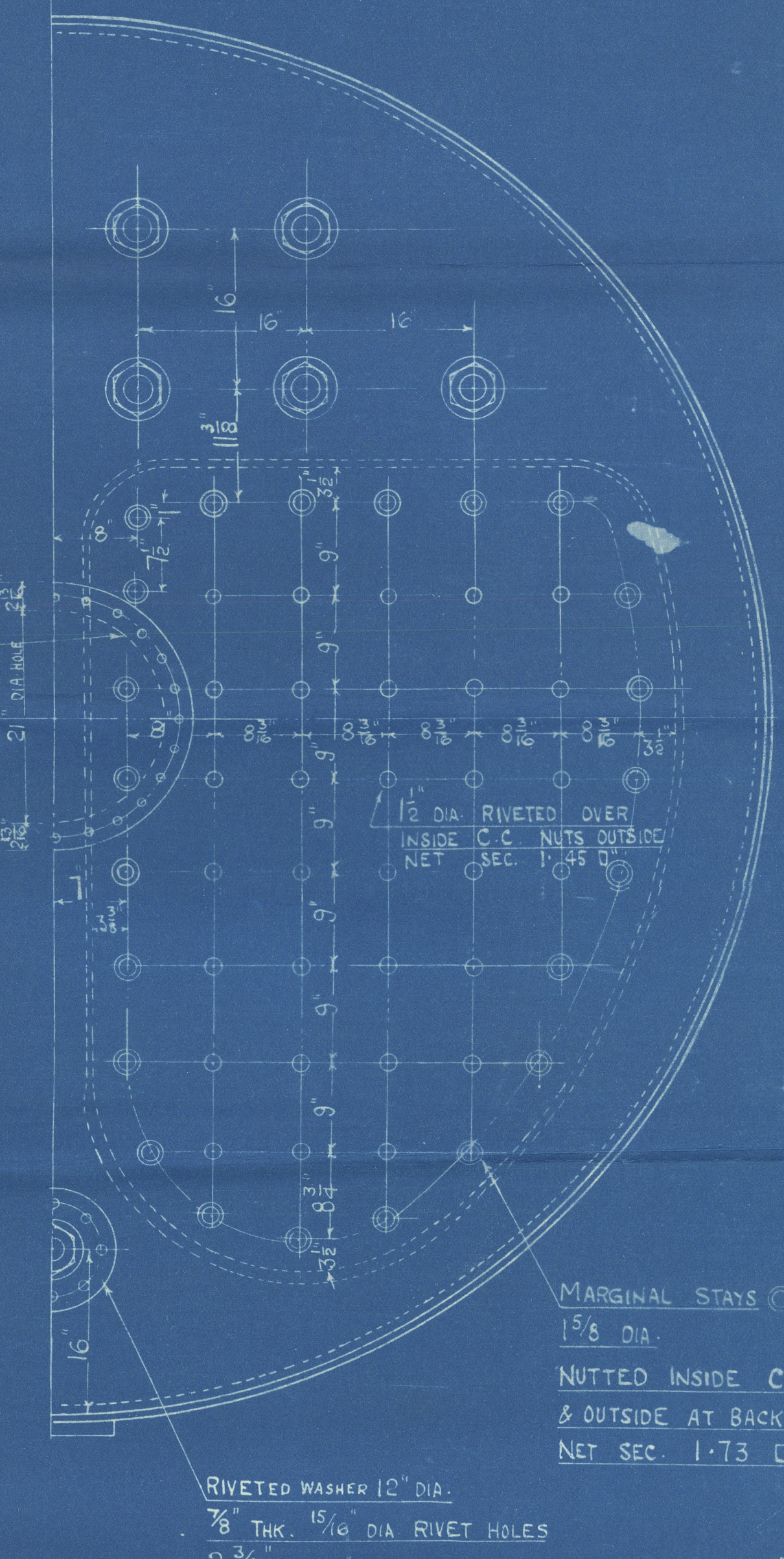
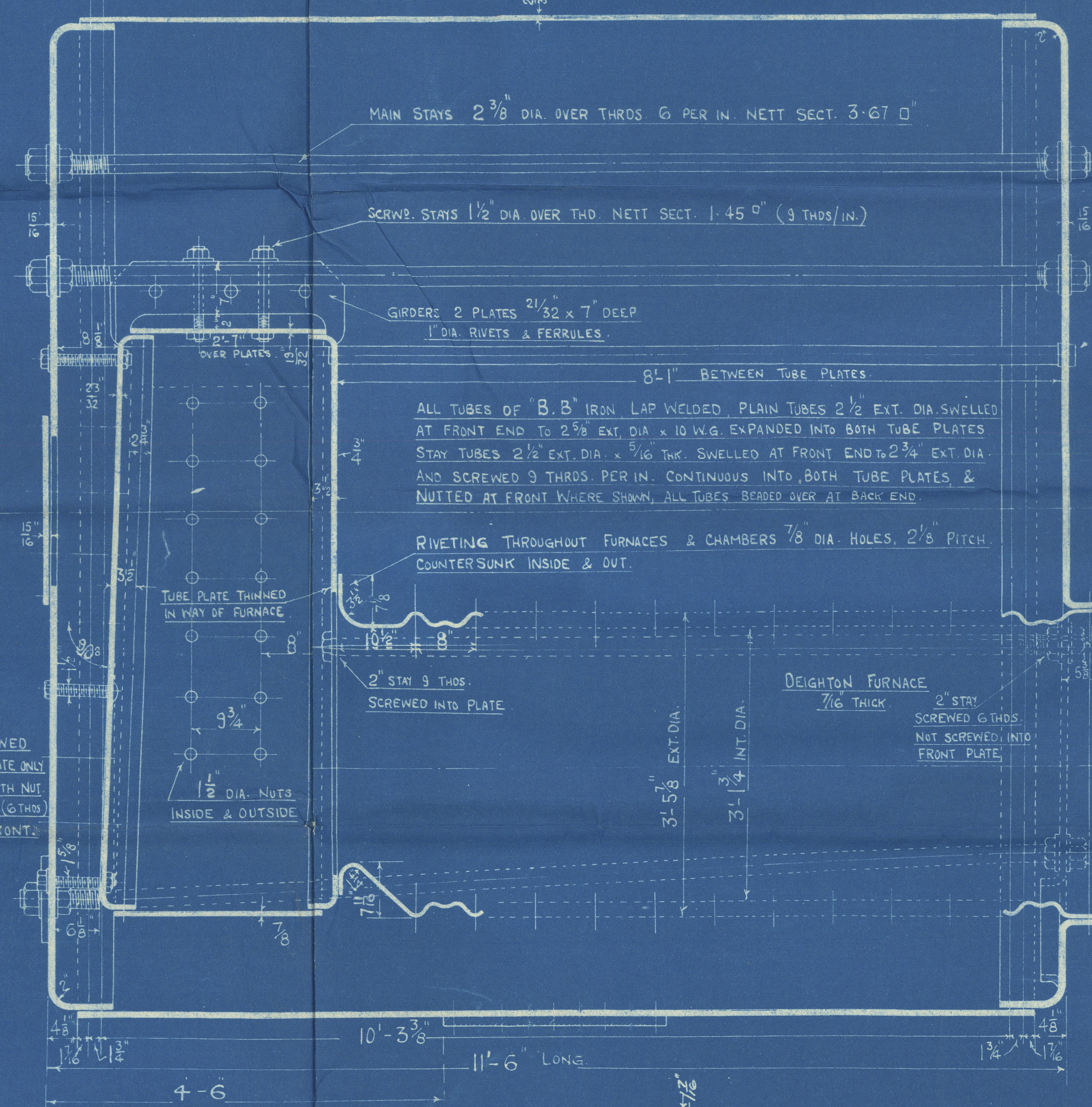
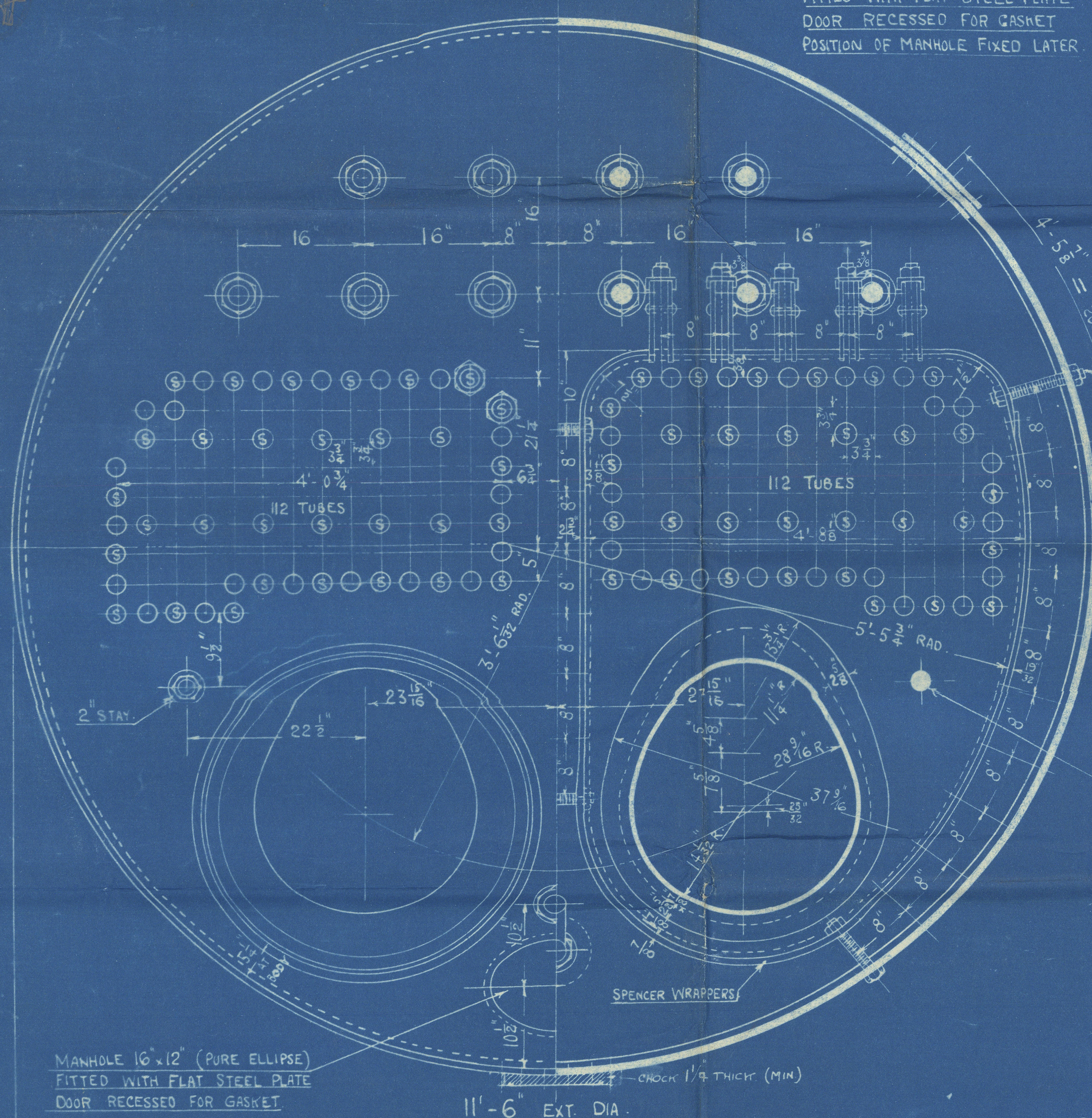
To LLOYDS TESTS & REQUIREMENTS.

MATERIAL		
FOR.	OF	T.S. TONS / D"
SHELL PLATES AND BUTT STRAPS	STEEL	29 - 33
GIRDERS, MAIN STAYS AND COVER ON BACK END.	D <sup>2</sup>	28 - 32
BOILER ENDS, FURNACES, CHAMBERS, MANHOLE RING, SCREWED STAYS, & RIVET BARS.	D <sup>2</sup>	26 - 30
ALL TUBES	IRON.	LAP WELDED.



MANHOLE IN SHELL 16 x 12" (PURE ELLIPSE)  
FITTED WITH FLAT STEEL PLATE  
DOOR RECESSED FOR GASKET  
POSITION OF MANHOLE FIXED LATER.

INTERNAL DIA. OF SHELL 11' - 4 1/8", THICKNESS OF SHELL 2 5/32"  
THICKNESS OF BUTT STRAPS (3/8" OUTER 3/4" INNER) DIA. OF RIVET HOLES 1 5/16" ALL DRILLED IN PLACE  
LONG 4" SCAM PLATE % 85, RIVET % 104, COMBINED % 90.8.



DRAWN BY EAW 21-11-35  
CHECKED BY G.F. 22-11-35

SCALE: 1" = 1 FOOT.



Cammell Laird & Co  
1025

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Donkey Boiler

S. S. *Aldersdale*

LIVERPOOL

Report No. *109646*



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*W1165 - 0017*  
Lloyd's Register  
Foundation