

8.1.07

| | |
|---------------------|-------------|
| HEATING SURFACE | 52 FEET |
| TUBES | 1086 |
| FURNACES | 119 |
| COMBUSTION CHAMBERS | 201 |
| TUBE PLATES | 54 |
| Total | 1460 |

BOILER ORDER N°183 B

Messrs W. V. LIDGERWOOD, COATBRIDGE.
 TO BE CONSTRUCTED TO PASS LLOYD'S REQUIREMENTS.

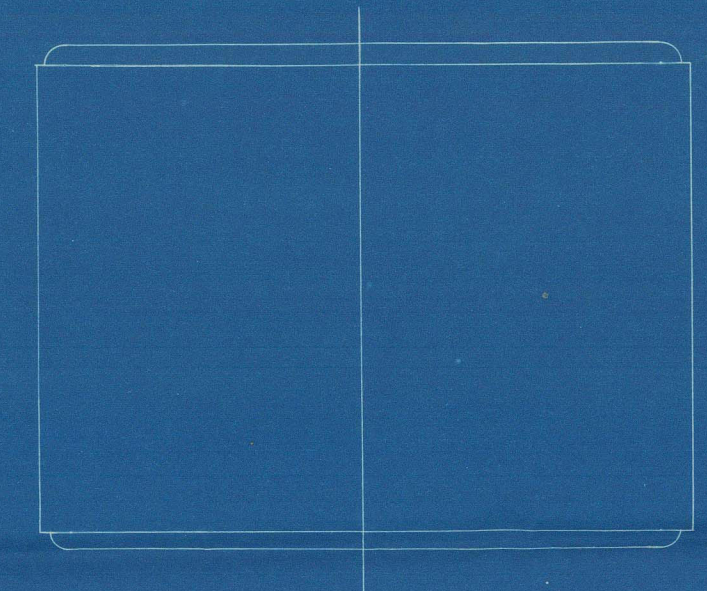


PLAN OF SHELL RIVETING

| | |
|-------------------|--------|
| STRENGTH OF JOINT | |
| PLATE | 85.7% |
| RIVET | 87.18% |

ONE OFF THIS.

SCALE 1" = 1 FOOT.

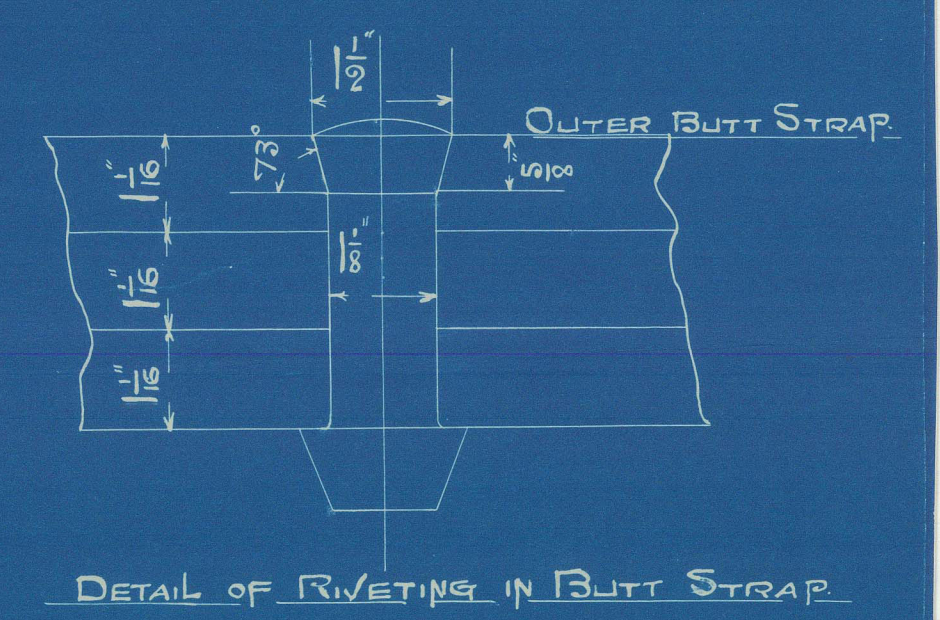
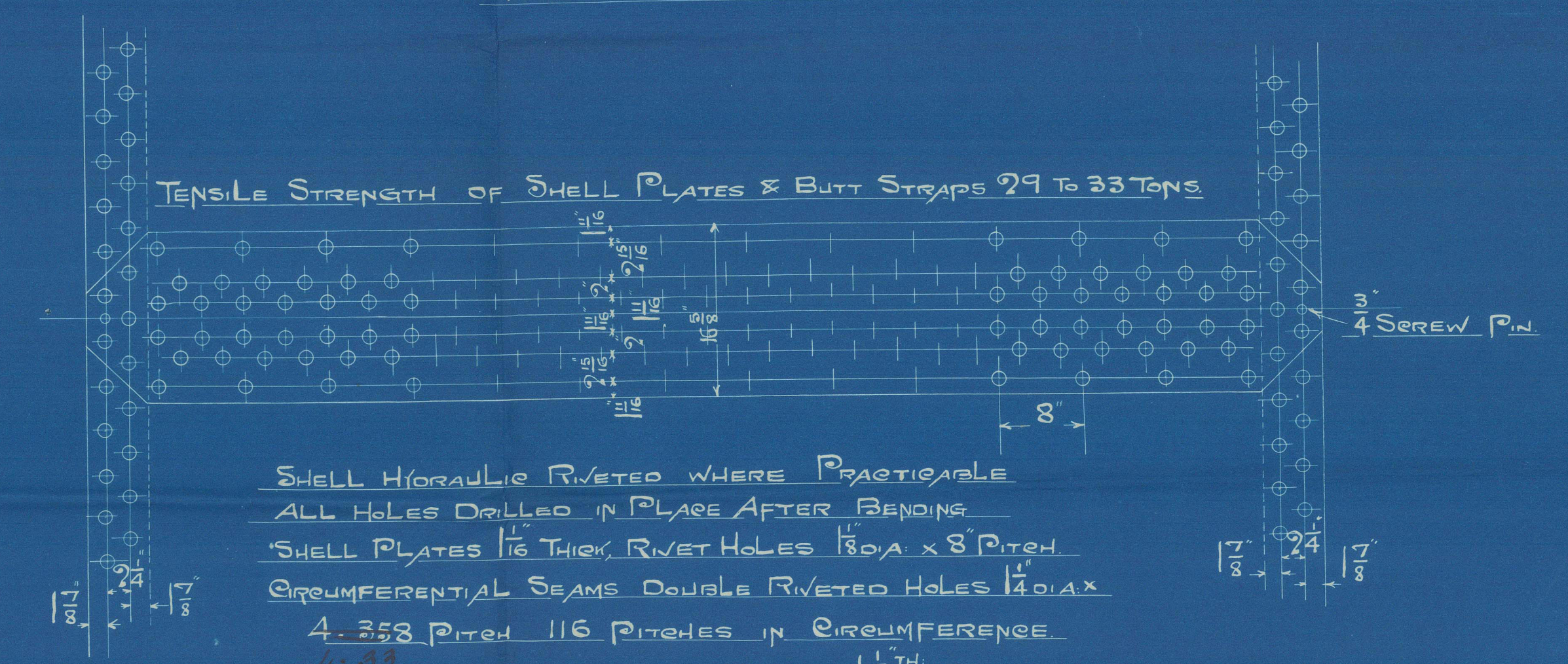


FRONT OF BOILER

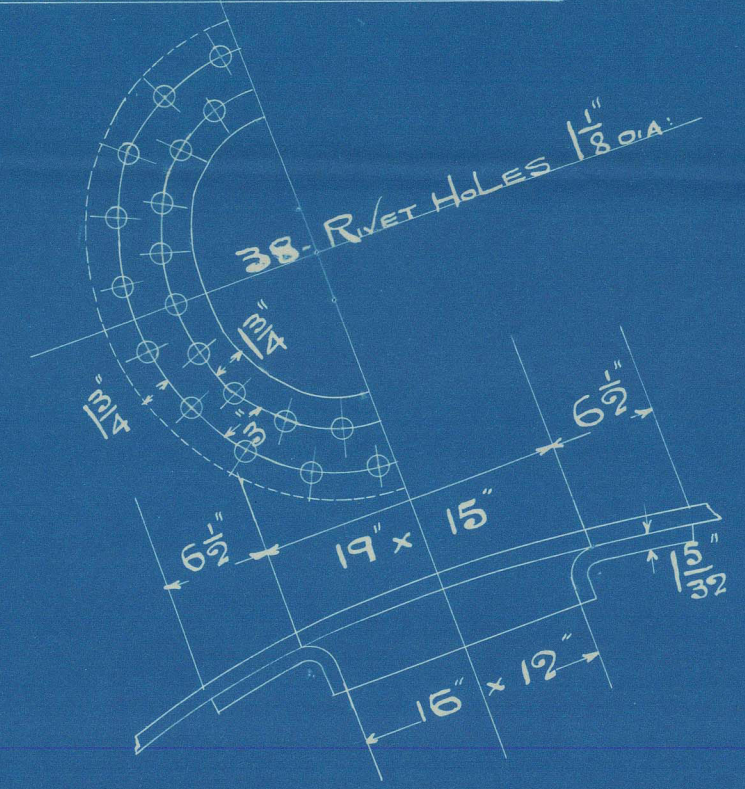
MATERIAL MANUFACTURED BY

| | |
|------------|-------|
| PLATES | STEEL |
| RIVETS | " |
| MAIN STAYS | " |
| C.C. STAYS | IRON |
| TUBES | " |

SPARE STAYS
 3 PLAIN TUBES.

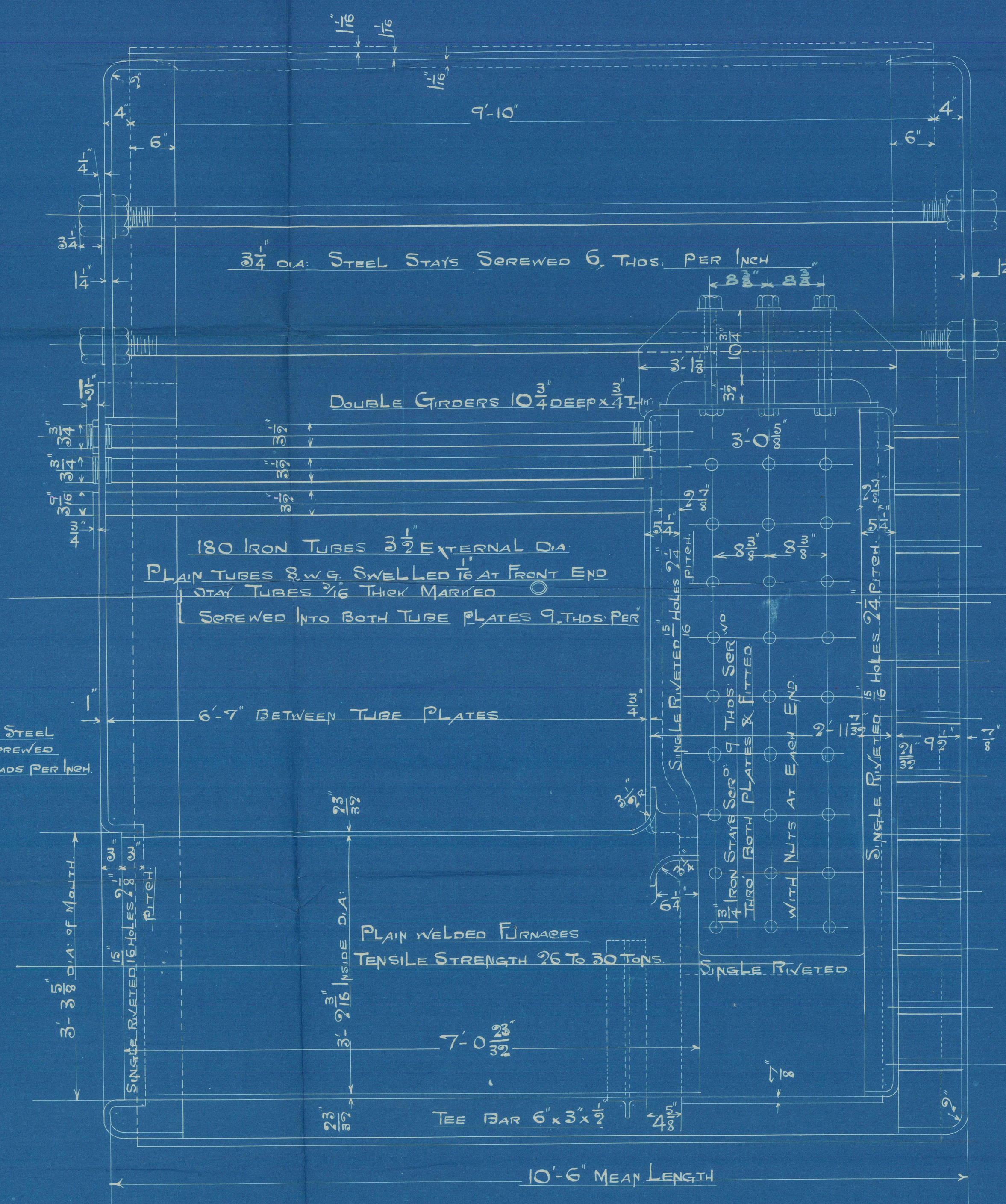
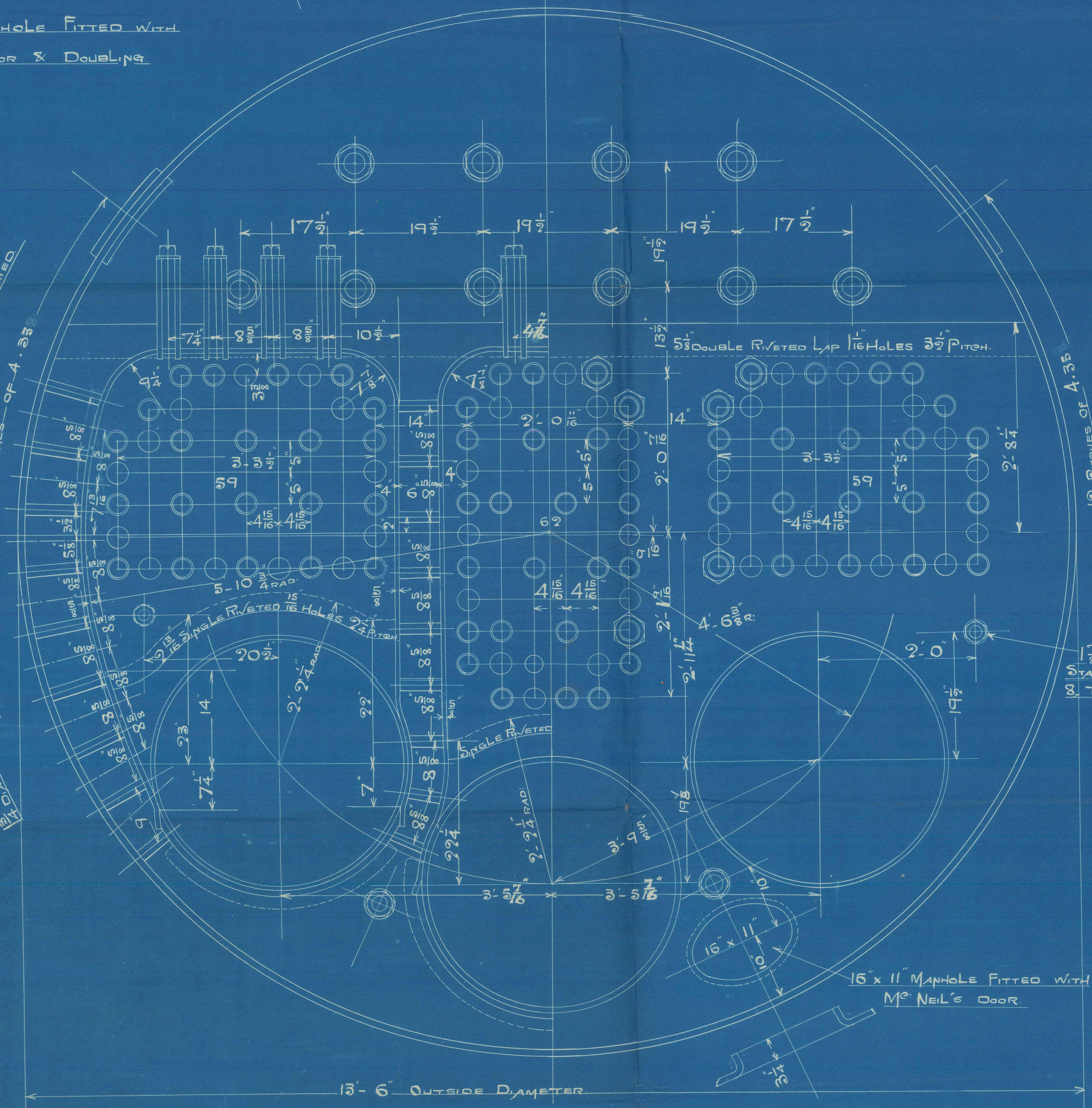


WORKING PRESSURE 180 LBS PER SQ. INCH.
 TEST " 360 " " " "

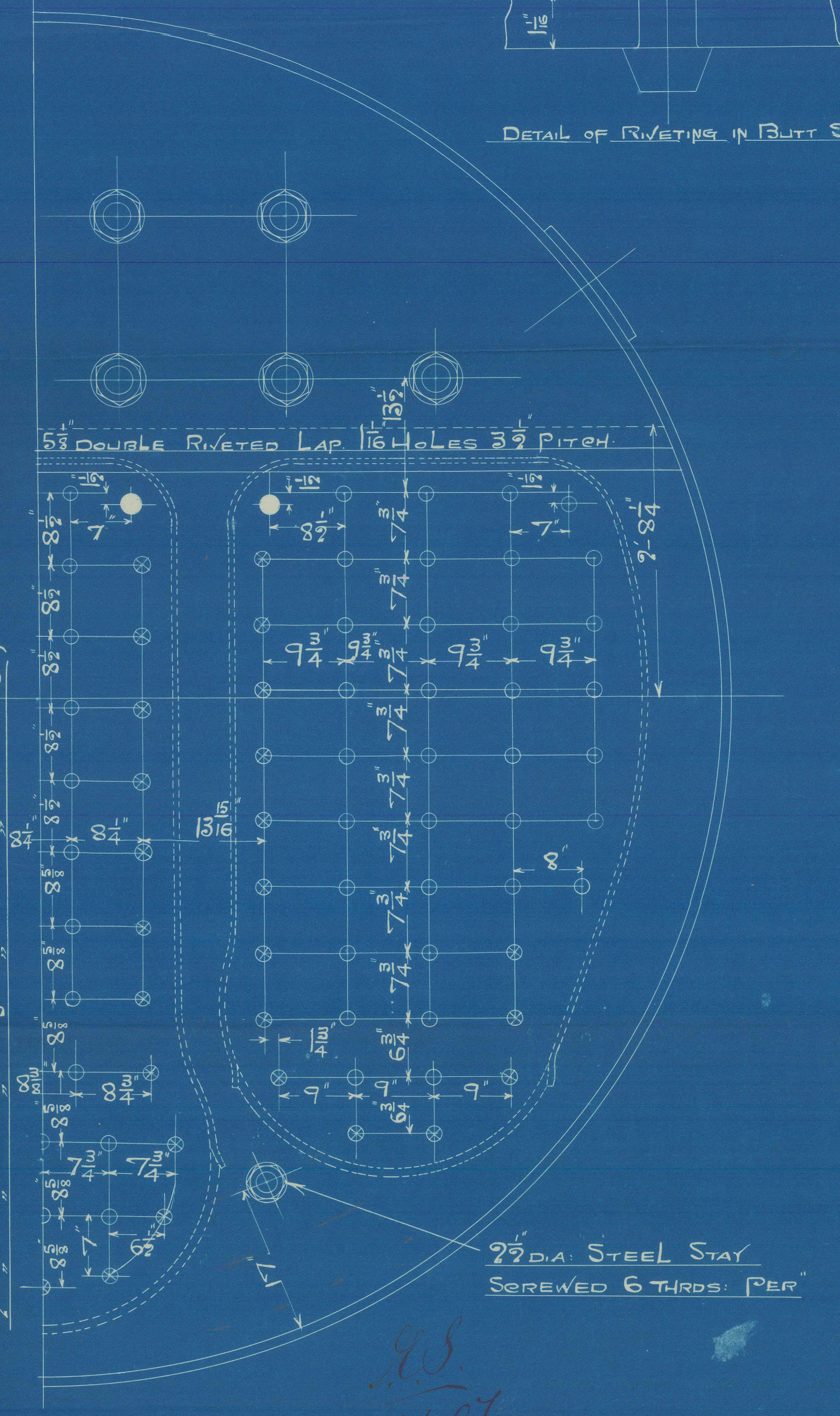


16" x 12" MANHOLE FITTED WITH M^o NEIL'S DOOR & DOUBLING

1/2" IRON STAYS SPOILED 9 THREADS PER 1/2" TUBES SHELL & CALLED
 1/2" IRON STAYS SPOILED 9 THREADS PER 1/2" TUBES SHELL & CALLED
 1/2" IRON STAYS SPOILED 9 THREADS PER 1/2" TUBES SHELL & CALLED



1/2" IRON STAYS SPOILED 9 THREADS MARKED
 1/2" IRON STAYS SPOILED 9 THREADS MARKED
 1/2" IRON STAYS SPOILED 9 THREADS MARKED



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Enclosure to

Messrs Lloyd's Surveys
Lloyd's Register
Newcastle
Foundation

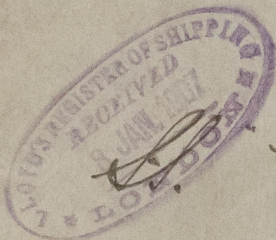
W1543-0022^{1/2}

Wallsend Slipway

183 B

W. V. F. Lidgerwood

180th.



Sp. Vinea

Newcastle-on-Tyne.

No. 52851

BLR



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Lloyd's Register
Foundation

W1543-0022