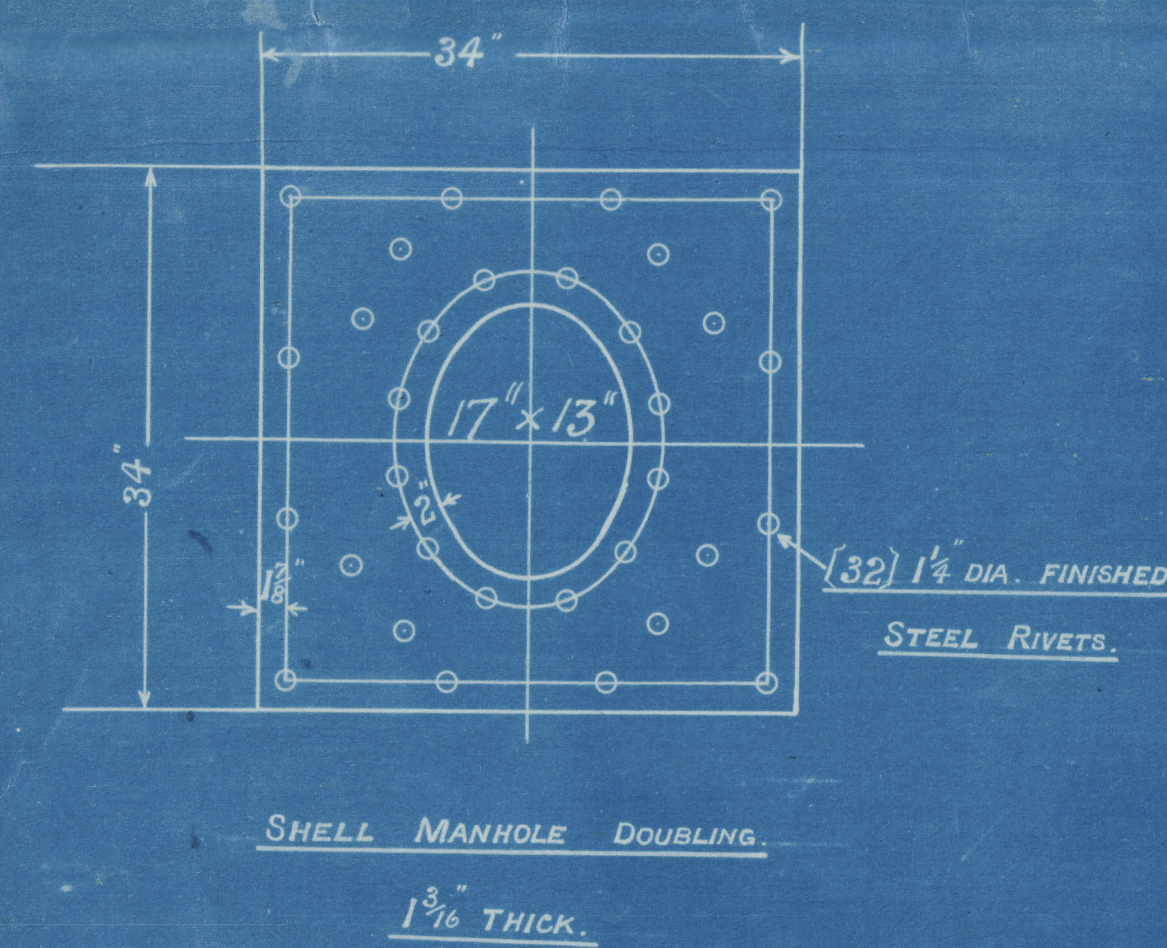
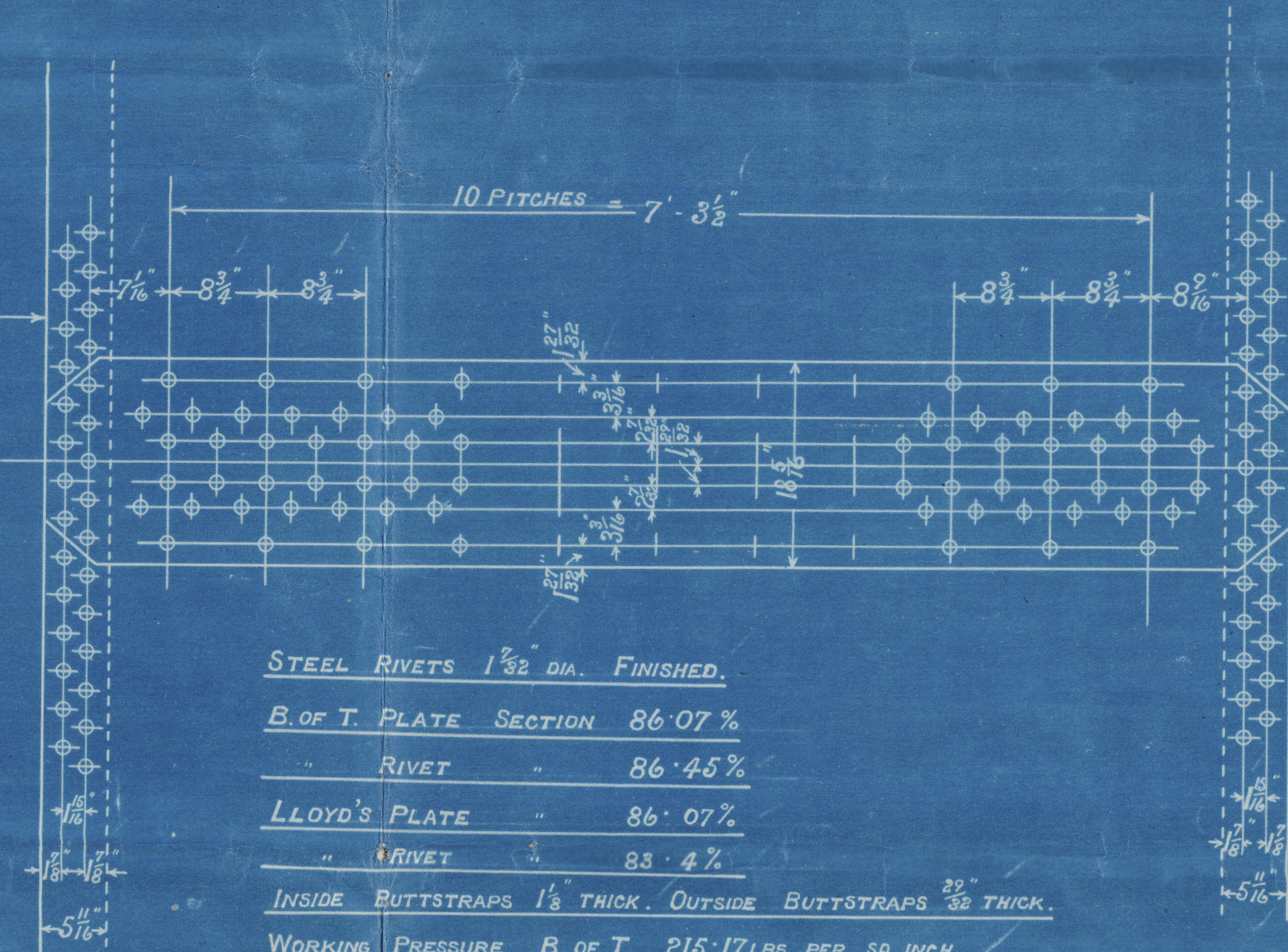


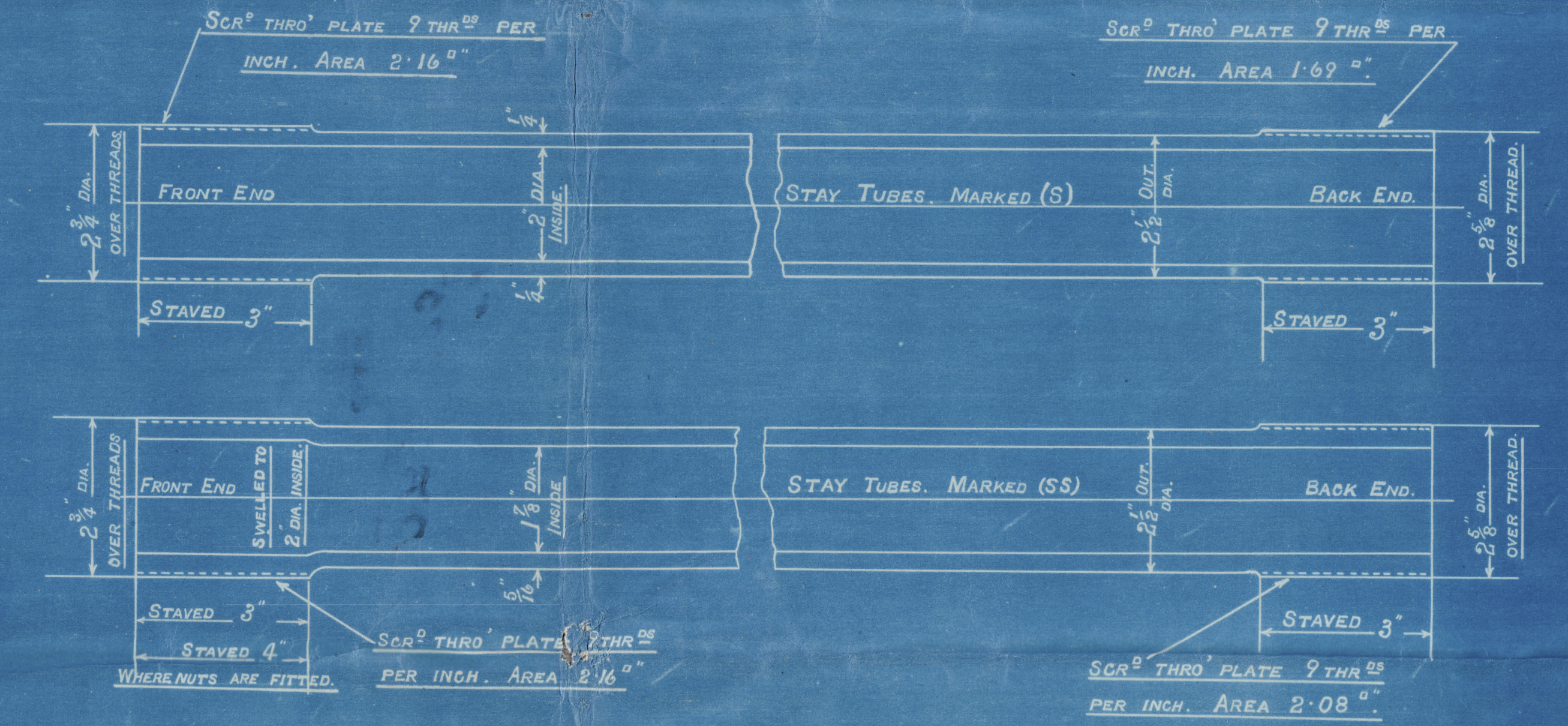
| PARTICULARS OF BOILER. | |
|---|----------|
| HEATING SURFACE OF TUBES IN SQ FEET. | 1037. |
| " " FURNACES " " | 86. |
| " " CHAMBERS " " | 131. |
| TOTAL HEATING SURFACE | 1254. |
| SURFACE OF ONE TUBE " " " 4.472 | |
| AREA OF FIREGRATE 6" x 6" BARS. SQ. FT. | 39.87 |
| THRO. TUBES. | |
| UPTAKE. | |
| RATIO. | |
| HEATING SURFACE TO FIREGRATE | 31.5 : 1 |
| FIREGRATE TO AREA THRO. TUBES. | " |
| " " UPTAKE. | " |
| WEIGHT OF WATER IN TONS. | |
| " " BOILER | |
| WORKING PRESSURE IN LBS PER SQ INCH | 215. |
| TEST " " " " " " | 377. |



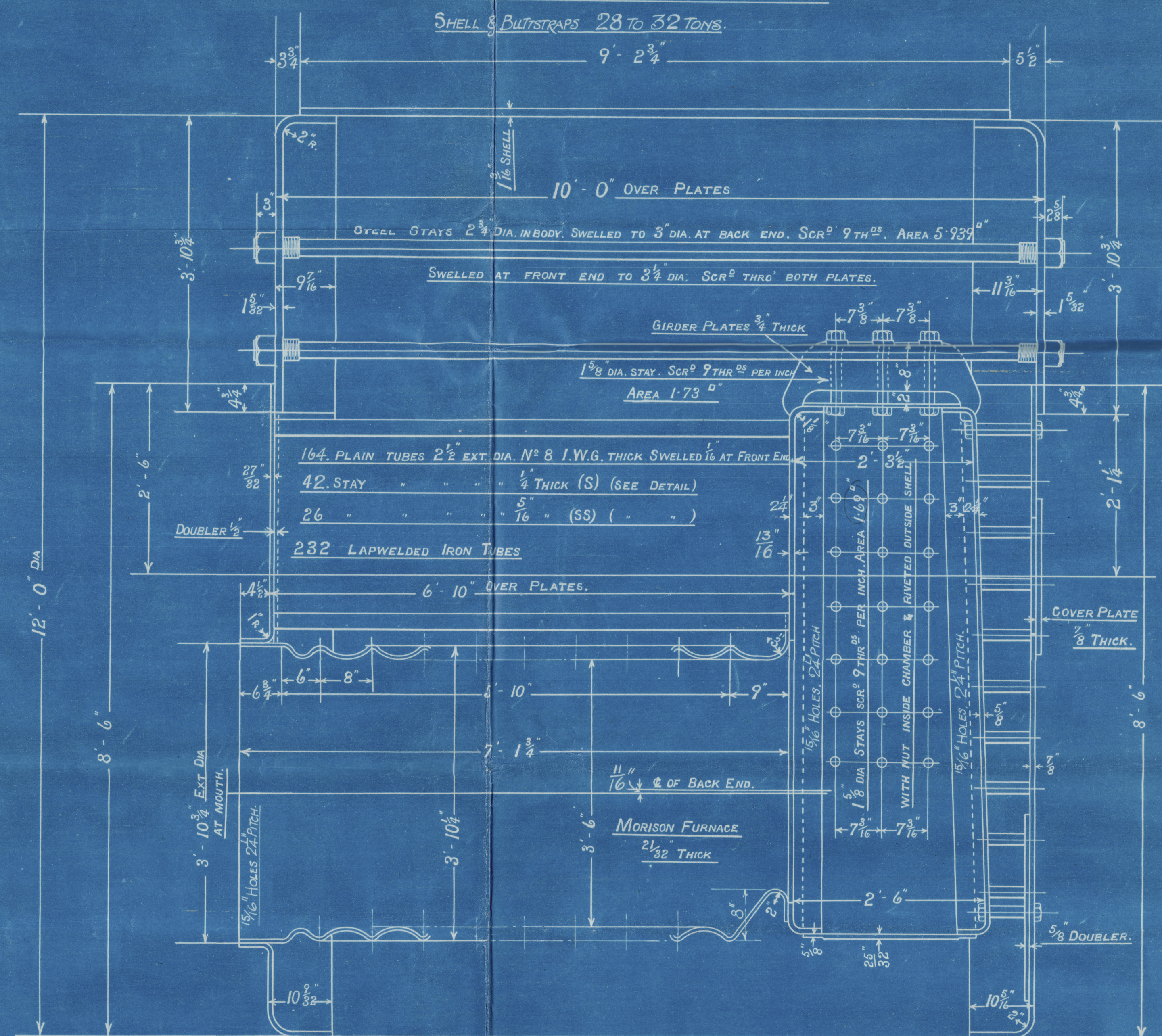
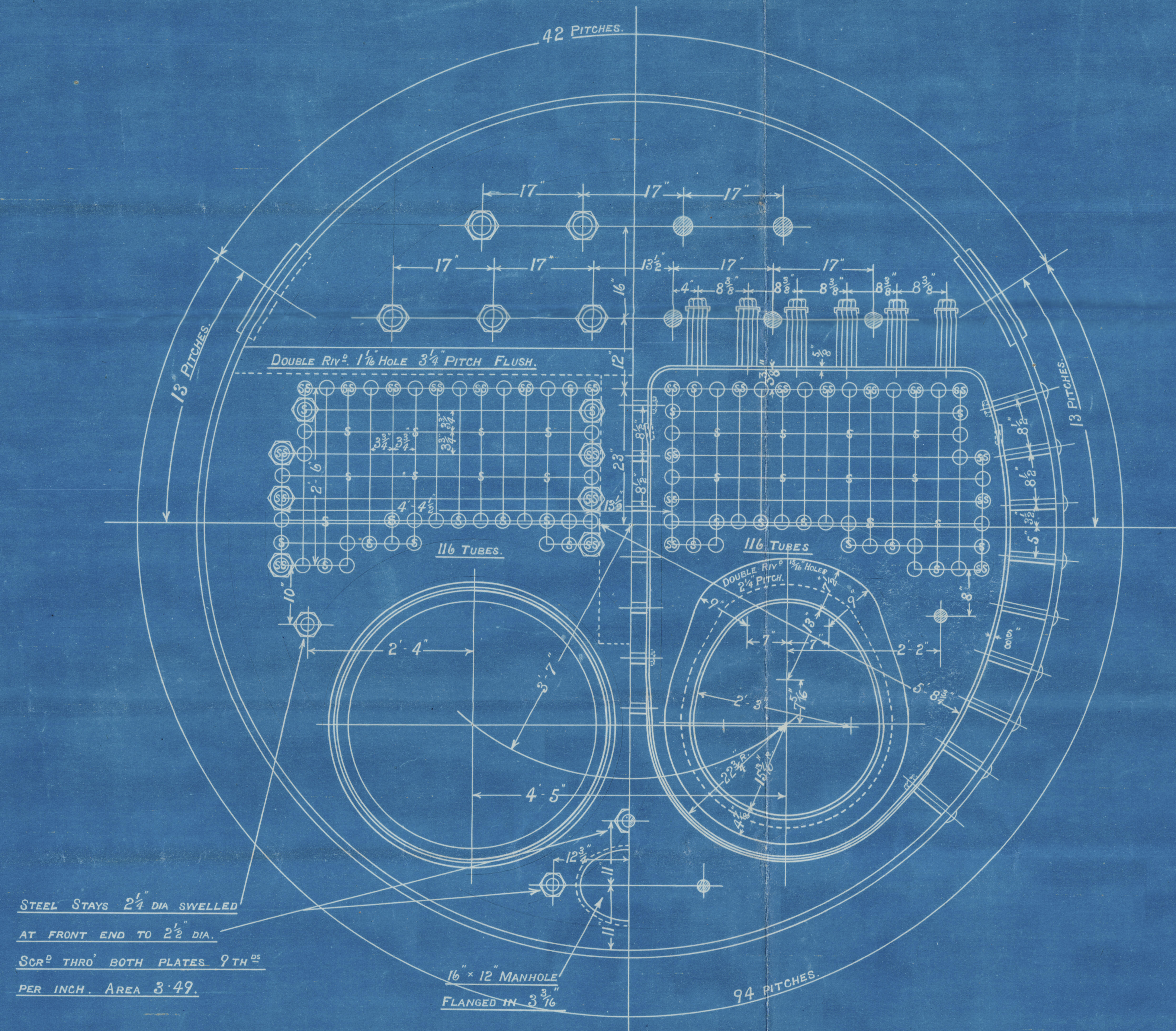
(3.353)
136 PITCHES 3 3/8 BARS
STEEL RIVETS 1 1/2 DIA FINISHED
PLATE SECTION 68%
RIVET " 50 4%



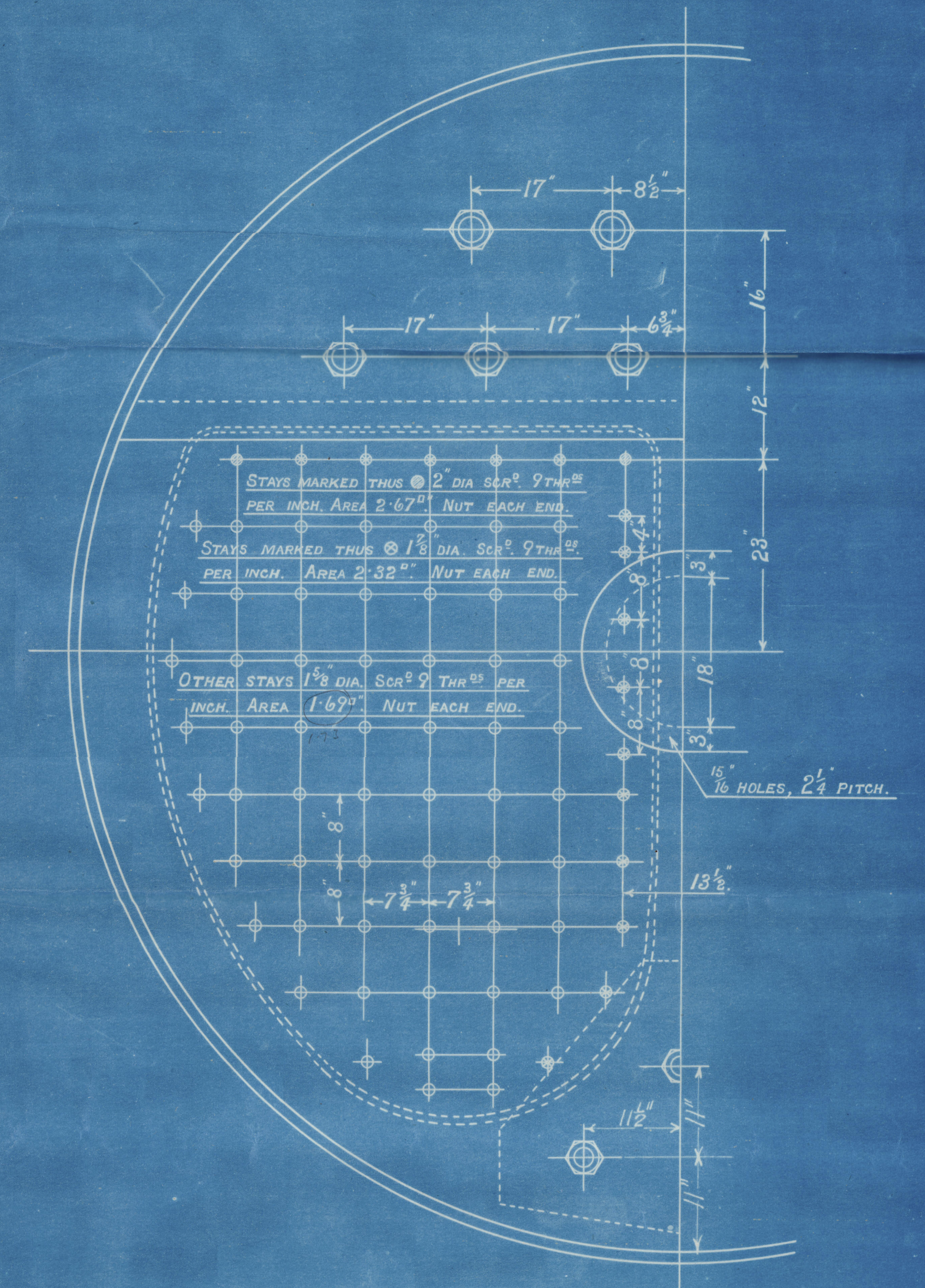
STEEL RIVETS 1 1/2 DIA. FINISHED.
B. OF T. PLATE SECTION 86.07%
RIVET " 86.45%
LLOYD'S PLATE " 86.07%
" RIVET " 88.4%
INSIDE BUTTSTRAPS 1 1/2 THICK. OUTSIDE BUTTSTRAPS 3/4 THICK.
WORKING PRESSURE B. OF T. 215.17 LBS PER SQ INCH.
" " LLOYDS 216.7 " " " "
SHELL & BUTTSTRAPS 23 TO 32 TONS.



DETAIL OF STAY TUBES.
SCALE 1/2 SIZE.



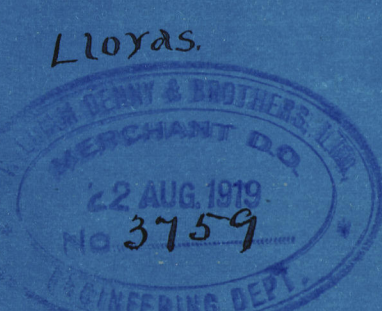
ALL PLATES, BARS, GIRDERS & RIVETS OF STEEL.
TUBES OF IRON.



BOILER.
No 885. D. B.

11 OFF.
BOARD OF TRADE & LLOYDS SURVEY.

SCALE 1" = 1 FOOT.



L.H. 4.4.
30/8/19. ARE

For Enclosure.

To *Lloyds Register*

From WILLIAM DENNY & BROTHERS, Ltd.,
Engineering Department,
Engine Works, Dumbarton.

W158-0033(2/2)

Tom Denny & Bros Ltd.

D.B. No 885

B.I.S.N. Co Ltd

S.S. 'Chulka'

GLASGOW REPORT No. 41698



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Foundation

W158-0033 (1/2)