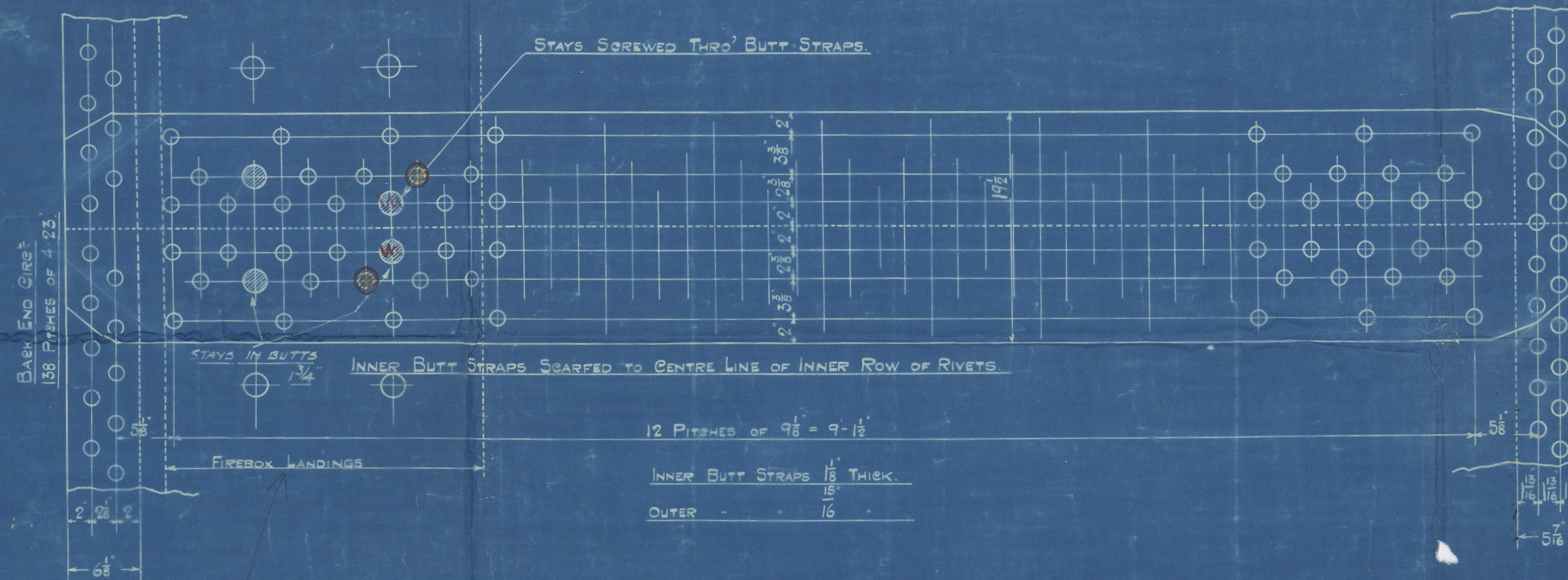


| SURFACES | ONE BOILER | 3 BOILERS |
|----------------------------|------------|-----------|
| TUBES | 2,100 # | 6,300 # |
| FIREBOX TOP & SIDES | 158 | 474 |
| BARK | 82 | 246 |
| TUBE PLATE | 55 | 165 |
| FURNACES | 161 | 483 |
| TOTAL HEATING SURFACE | 2,556 # | 7,668 # |
| GRATE AREA (5-6 BARS) | 63.3 | 190 |
| TUBE AREA | 11.65 | 34.95 |
| GRATE AREA HEATING SURFACE | 1.40-4 | |
| TUBE | 1.35-2 | |
| AREA | 5.43-1 | |

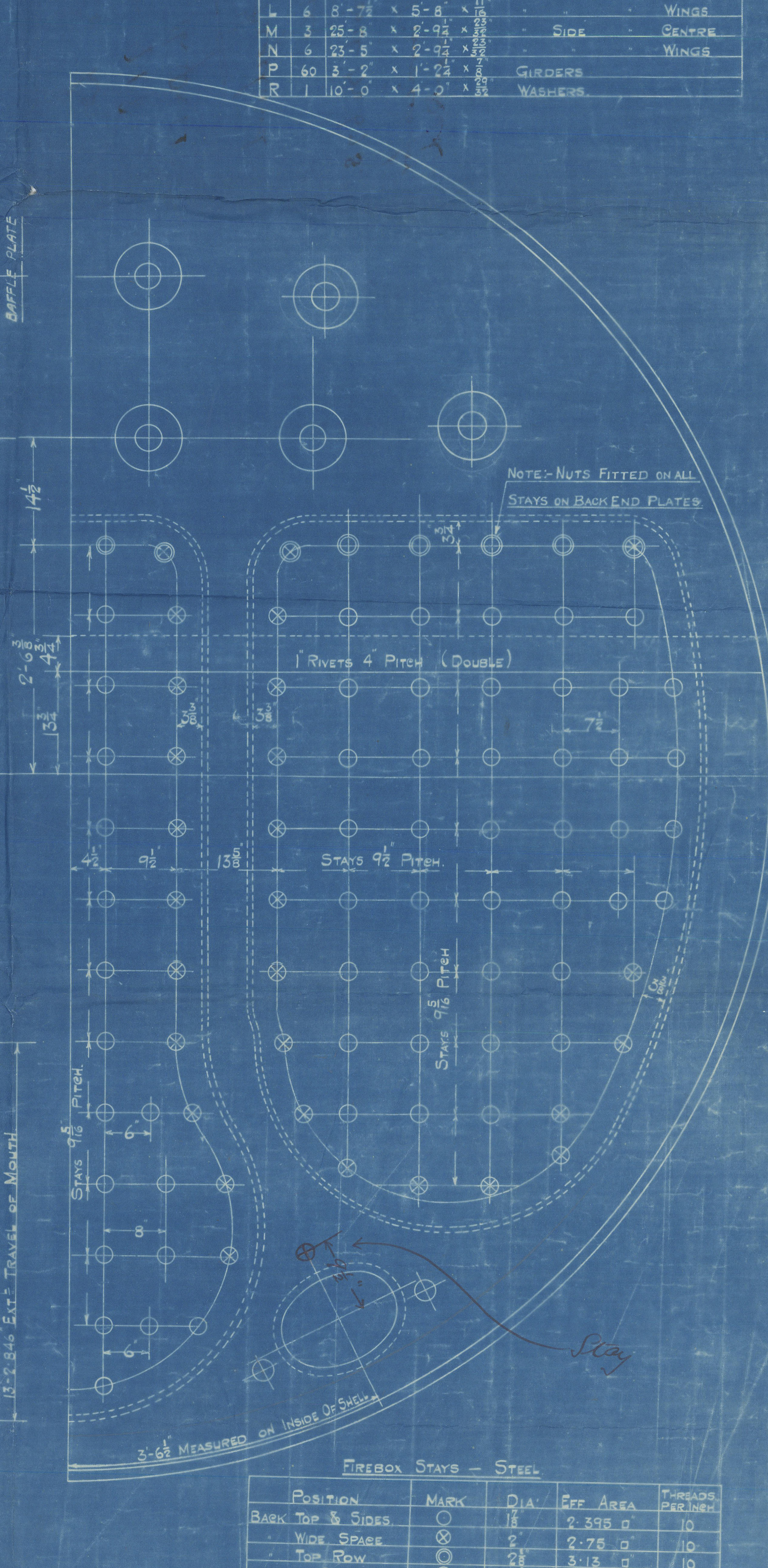
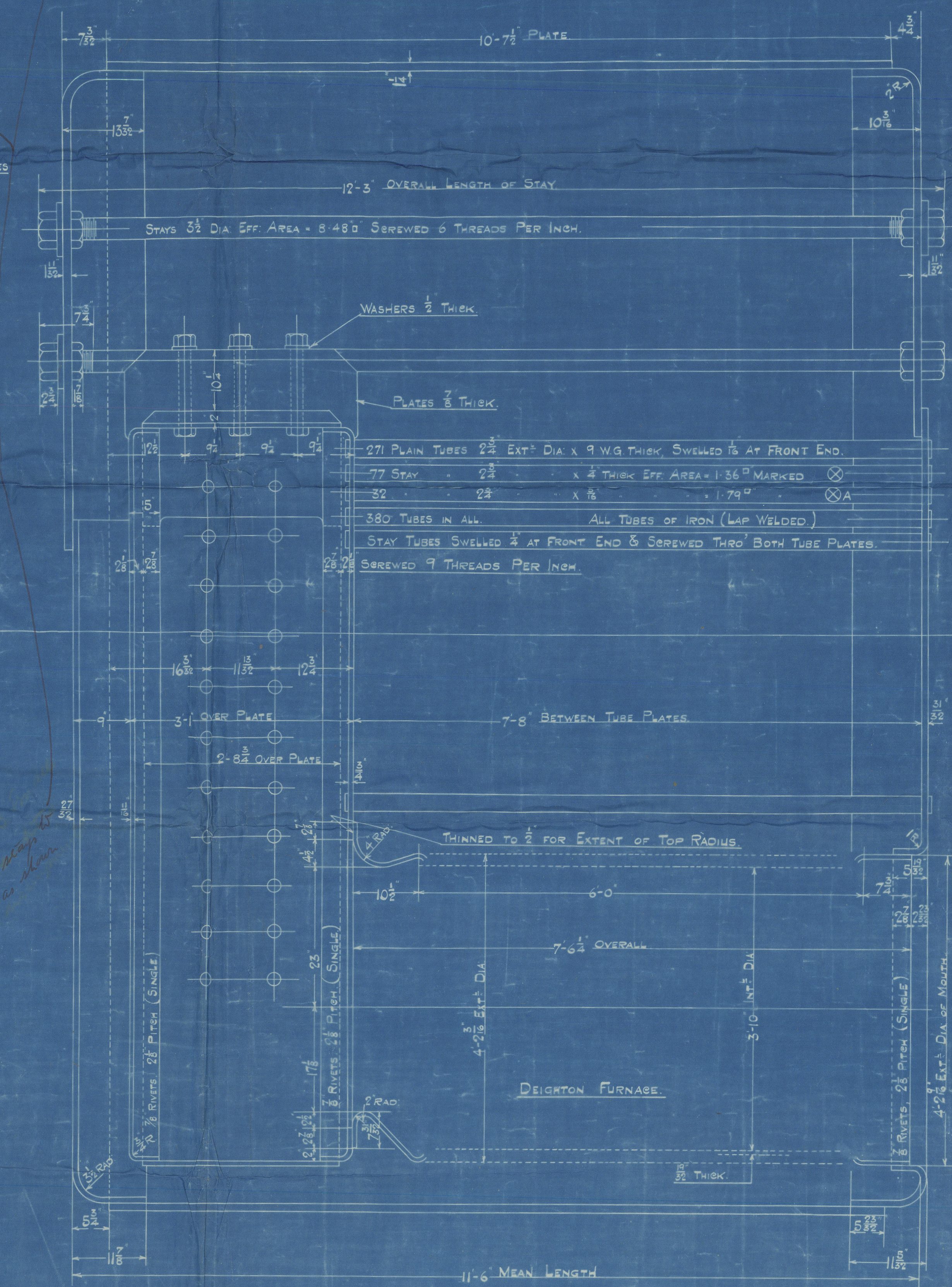
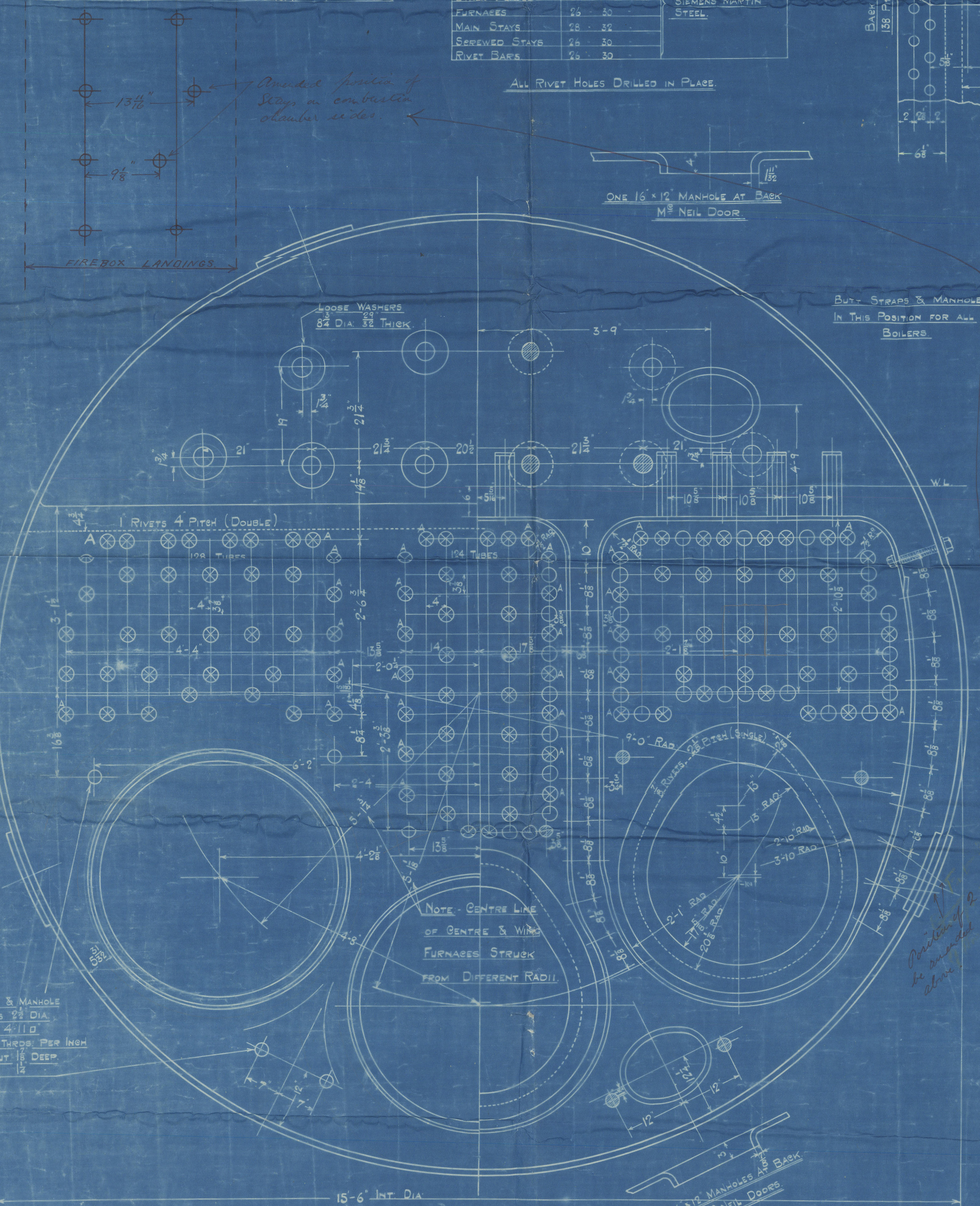
| RIVETING | LONG | | BARK END | | FRONT END | |
|-----------------|-------|-------|----------|-------|-----------|-------|
| | 1/16" | 5/16" | 5/16" | 5/16" | 5/16" | 5/16" |
| RIVET HOLE DIA. | 9.125 | 4.25 | 8.49 | | | |
| PITCH | 56.6 | 58.7 | 58 | | | |
| 1/4 PLATE | 58.5 | 43.5 | 43.1 | | | |

| LIMITS OF TENSILE STRENGTH & MATERIAL | |
|---------------------------------------|---------------|
| SHELL BUTT STRAPS | 28 TO 32 TONS |
| GIROERS | 26 TO 32 |
| OTHER PLATES | 26 TO 32 |
| FURNACES | 26 TO 32 |
| MAIN STAYS | 28 TO 32 |
| SERWED STAYS | 26 TO 32 |
| RIVET BARS | 26 TO 32 |

ALL RIVET HOLES DRILLED IN PLACE.



| PLATE LIST | |
|------------|---|
| A | 6 18-4 1/2 x 10-8 x 1/2 SHELL PLATES |
| A1 | 3 12-8 x 10-8 x 1/2 |
| B | 9 10-7 1/2 x 1-7 1/2 x 1/2 OUTER BUTT STRAPS |
| C | 9 10-3 1/2 x 1-7 1/2 x 1/2 INNER |
| D | 3 17-0 1/2 x 1/2 TOP END PLATE, FRONT |
| E | 3 17-0 1/2 x 1/2 BOTTOM END PLATE, FRONT |
| F | 3 17-0 1/2 x 1/2 TOP END PLATE, BACK |
| G | 3 17-0 1/2 x 1/2 BOTTOM END PLATE, BACK |
| H | 3 10-8 1/2 x 4-10 1/2 x 1/2 BARK TUBE PLATE, CENTRE |
| J | 6 8-7 1/2 x 5-8 x 1/2 WINGS |
| K | 3 10-8 1/2 x 4-10 1/2 x 1/2 CR BARK, CENTRE |
| L | 6 8-7 1/2 x 5-8 x 1/2 WINGS |
| M | 3 15-8 x 2-9 1/2 x 1/2 SIDE, CENTRE |
| N | 6 23-5 x 2-9 1/2 x 1/2 WINGS |
| P | 60 3-2 x 1-0 1/2 x 1/2 GIROERS |
| R | 1 10-0 x 4-2 x 1/2 WASHERS |



ENC. NO. 918

MAIN BOILER. — 3. OFF.

SCALES: 1 1/2\"/>

WORKING PRESSURE: 180 LBS PER SQ. INCH.

TO PASS LLOYD'S & NORSE VERITAS SURVEYS.

| FIREBOX STAYS — STEEL | | | | |
|-----------------------|--------|--------|---------------|------------------|
| POSITION | MARK | DIA. | EFF. AREA | THREADS PER INCH |
| BARK TOP & SIDES | 1/8" | 1/8" | 2.375 sq. in. | 10 |
| WIDE SPACE | 2" | 2" | 2.76 sq. in. | 10 |
| TOP ROW | 2 1/2" | 2 1/2" | 3.13 sq. in. | 10 |
| CORNER | 2 1/2" | 2 1/2" | 3.49 sq. in. | 9 |

ALL FIREBOX STAYS SERWED THRO' BOTH PLATES & NUT FITTED AT EACH END.

ALL 1 1/2\"/>

NO. 26752

Palmers Co ho
Boilers No 918

HP 180 lbs per sq in;

S.S. Thode Fagelund
Tonsberg

Lie J Lampvassel No 678.

The stub test invoices for
these boilers are marked
No 901.

S.S. THODE FAGELUND

NEWCASTLE ON TYNE.

Report No. 73501

W222-0169



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Lloyd's Register