

# STEEL BOILER

DRAWING N<sup>o</sup> 2684

9'-6" INSIDE DIAM. 9'-6" TOTAL LENGTH.

100 LBS. WORKING PRESSURE 200 LBS. TEST PRESSURE.

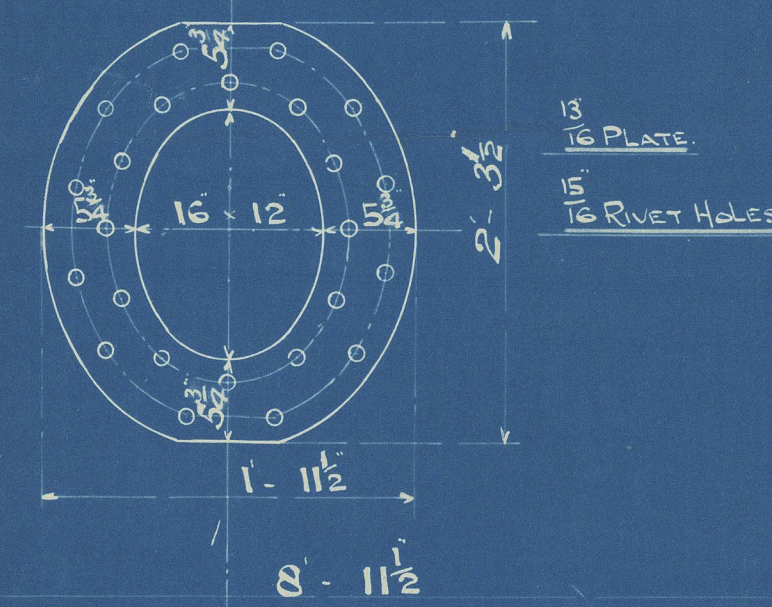
TO PASS LLOYD'S SURVEY.

SCALE 1 INCH = 1 FOOT.

1" OFF THUS.

## PARTICULARS OF MATERIAL

| DESCRIPTION      | MATERIAL | TENSILE STRENGTH |
|------------------|----------|------------------|
| SHELL PLATE      | STEEL    | 28½ TO 32 TONS.  |
| CIRDERS          | "        | 26 TO 30 TONS.   |
| ALL OTHER PLATES | "        | 26 TO 30 TONS.   |
| MAIN STAYS       | "        | 28 TO 32 TONS.   |
| SCREWED STAYS    | "        | 26 TO 30 TONS.   |
| RIVETS           | "        | 26 TO 30 TONS.   |
| TUBES            | IRON     |                  |



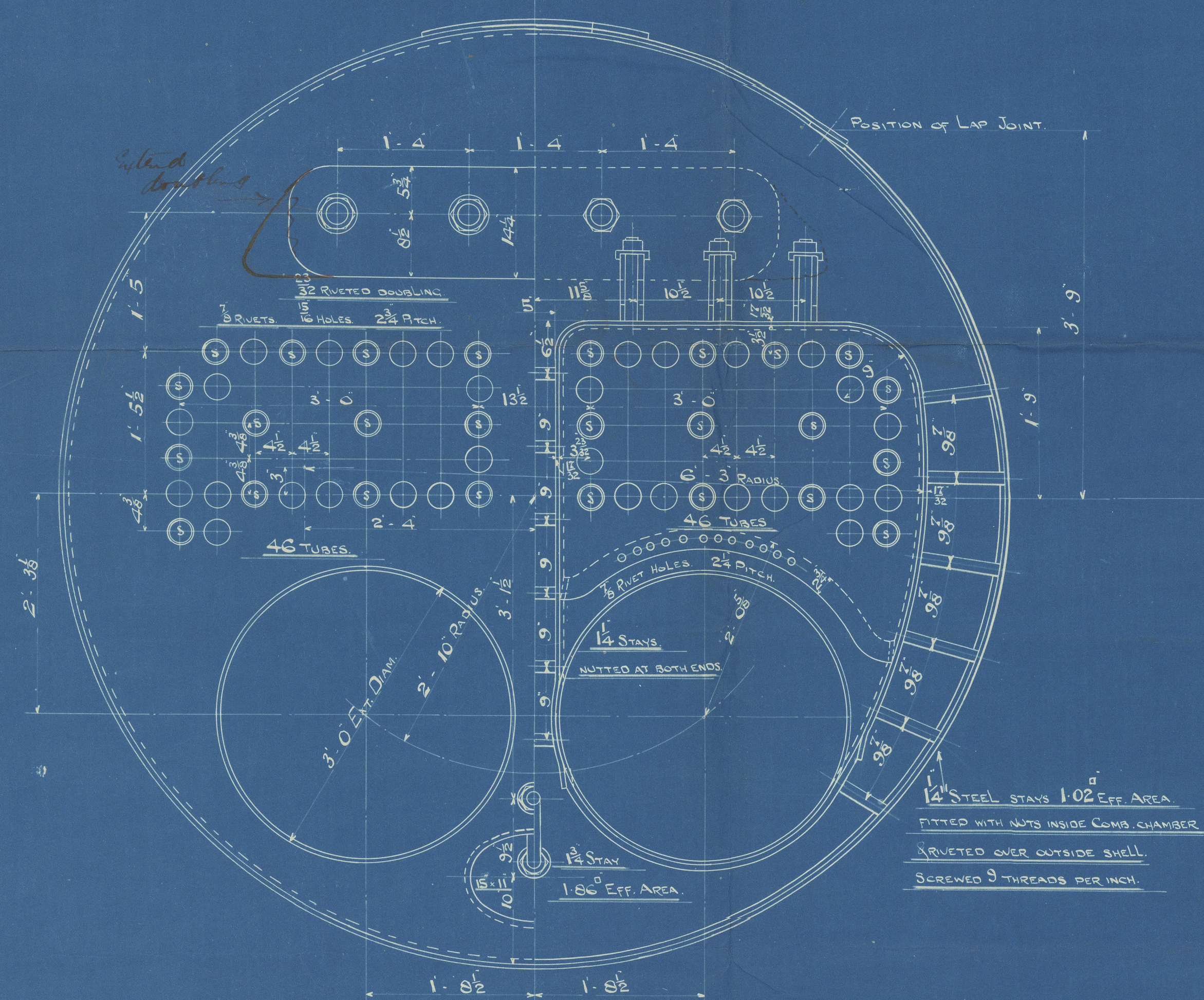
## HEATING SURFACE

|                     |       |
|---------------------|-------|
| TUBES               | 508.7 |
| FURNACES            | 61.2  |
| BACK TUBE PLATES    | 16.8  |
| FRONT TUBE PLATE    | 10.5  |
| COMBUSTION CHAMBERS | 81.0  |

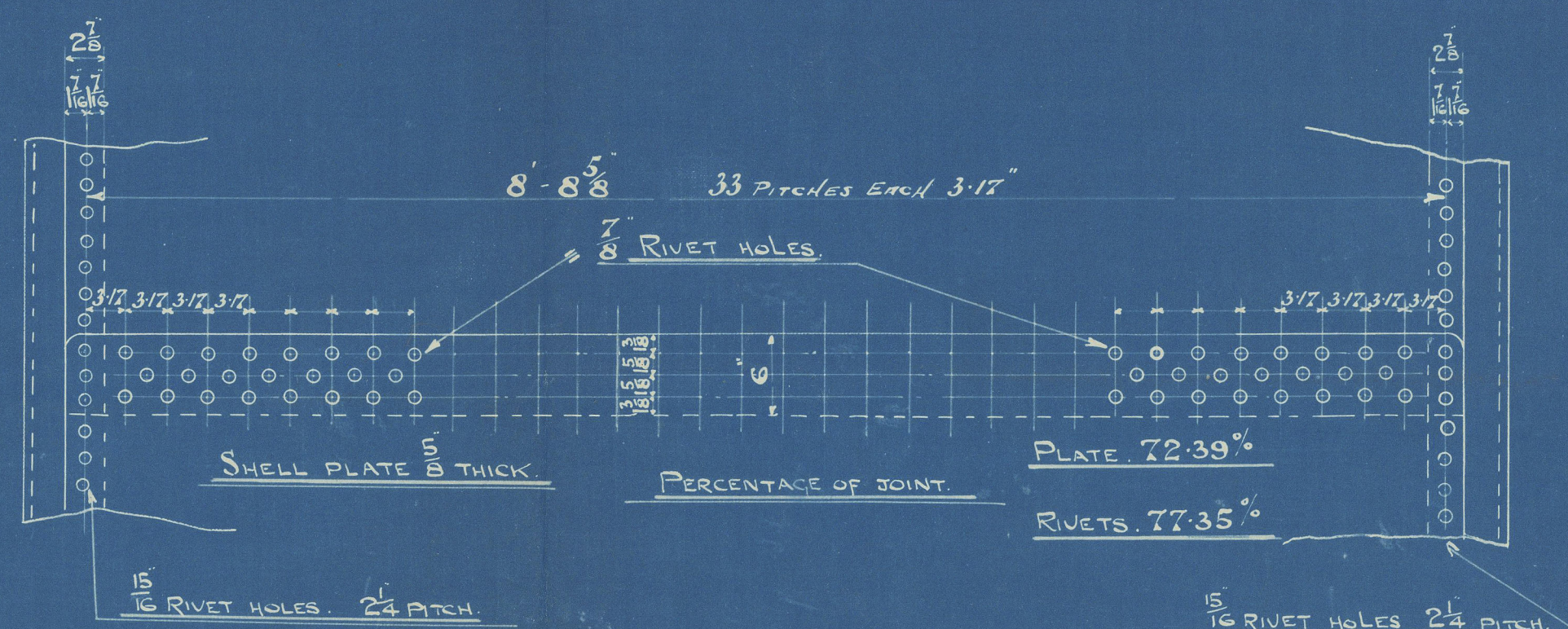
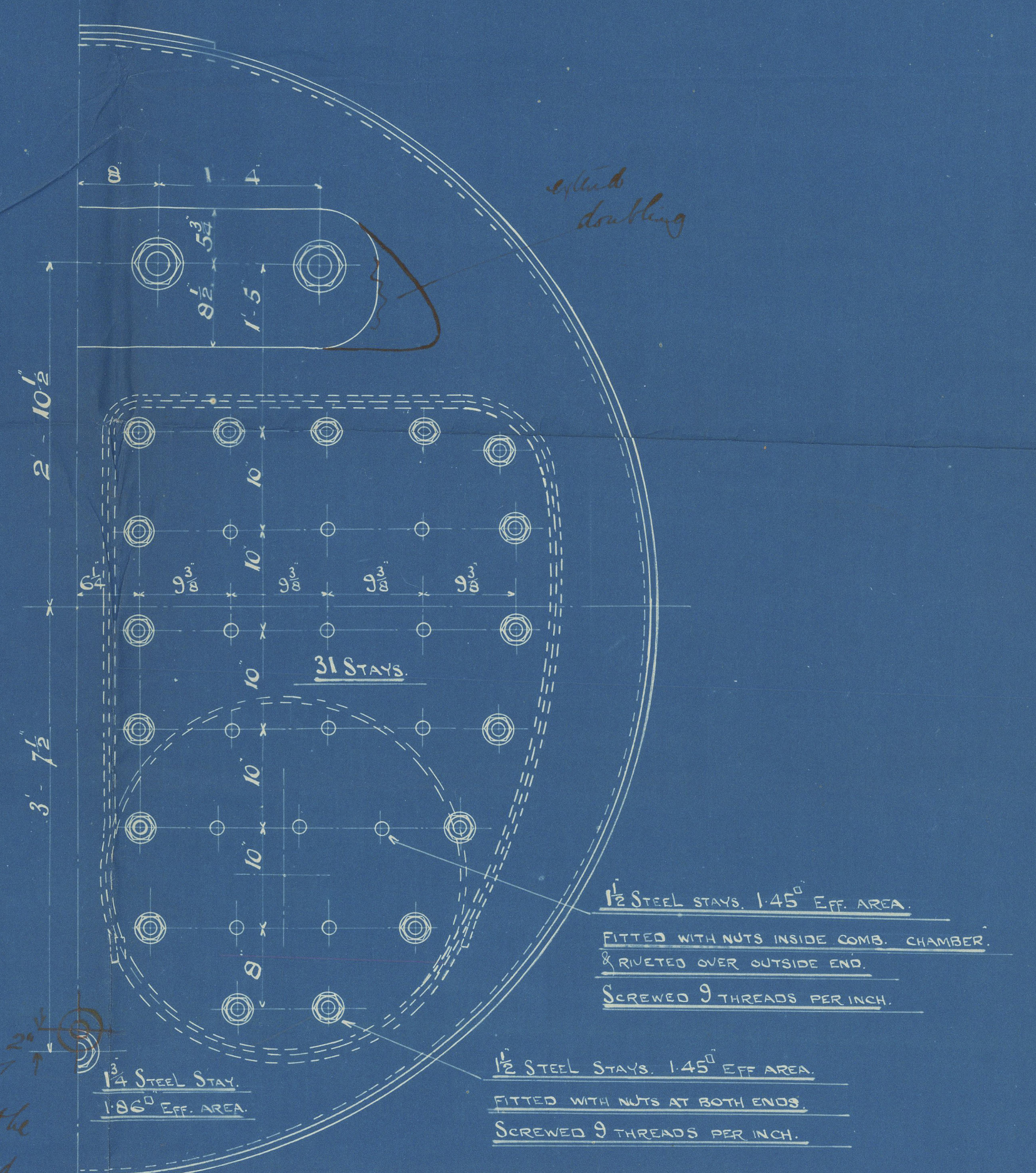
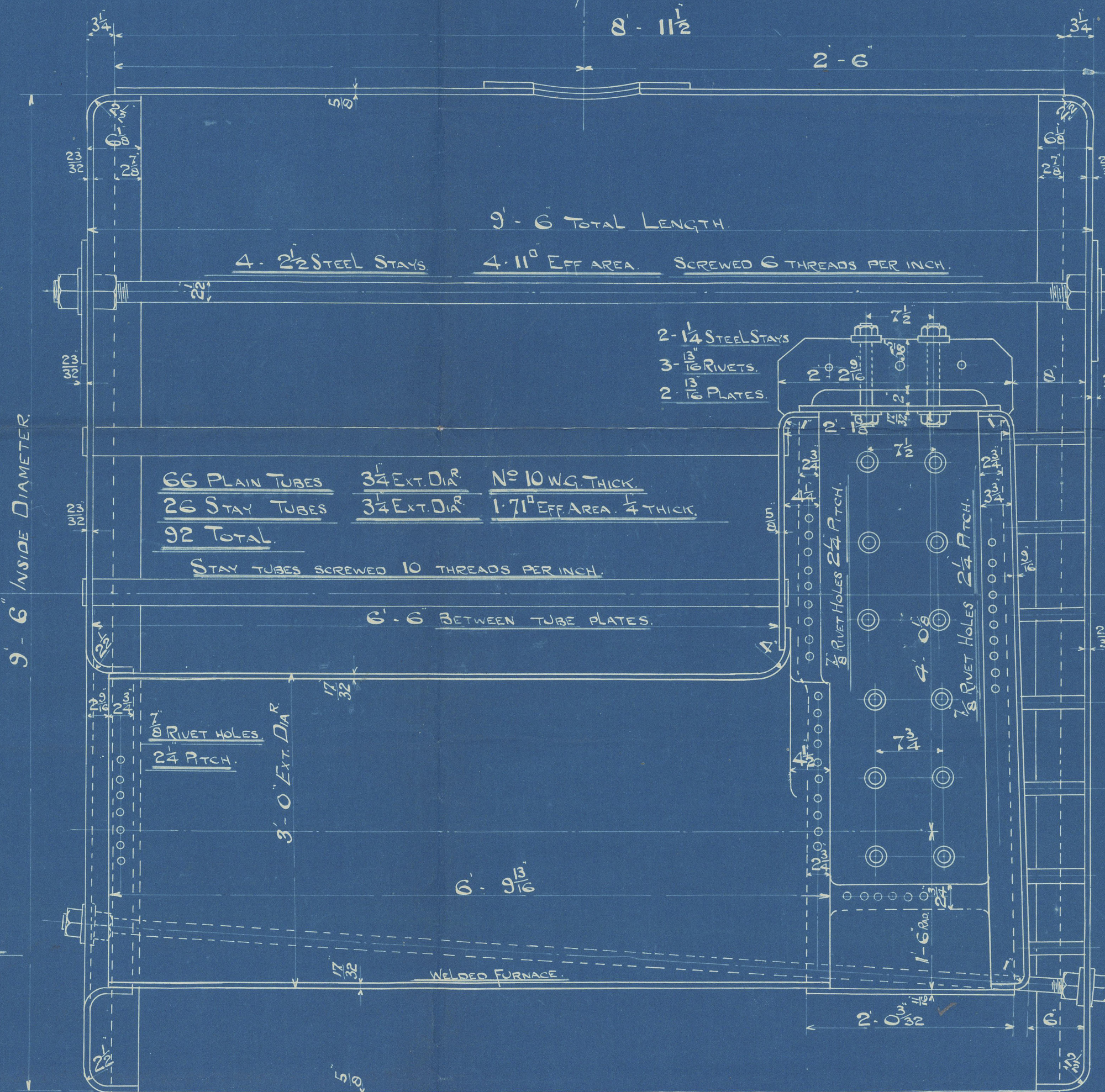
TOTAL 678.2

GRATE SURFACE 4-3 BAR = 24.74 RATIO  $\frac{G.S.}{H.S.} = \frac{1}{27.4}$

LLOYD'S HEATING SURFACE = 667.7



SECTION THRO BOTTOM MANHOLE.



BOILER N<sup>o</sup> 609

FOR MESSRS BLUMER & CO S.S. N<sup>o</sup>





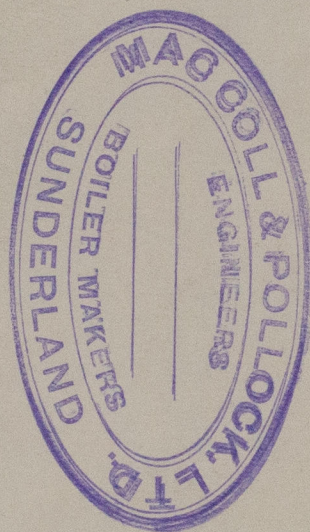
MACCOLL & POLLOCK

No 609.

WORKING PRESS 100 LBS.

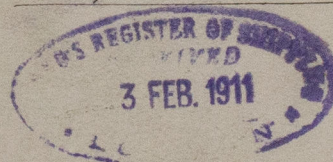
J.B. LUNER 55 205

DKY. BLR.



No 2909  
LLOYD'S TEST  
200 LBS.  
24-4-11 W.B.

Grangemoor  
No 14862



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Lloyd's Register  
Foundation

W907-0014