

TRACING Nº 5372

Working Pressure ——— 180 lbs per sq"

Yest _____ 360 " " "

All holes in shell to be drilled in place after bena

Heating Surface

Tubes _____ 2078 #

| | | |
|----------|-----|---|
| Furnaces | 158 | " |
|----------|-----|---|

Combustion Chambers ————— 301.4 "

Tube plates _____ yb "

Total 2613.4¢

| | | |
|---------------------------|--------|---|
| Grate Surface (with bars) | 2015 4 | φ |
|---------------------------|--------|---|

Steam Capacity _____ cu ft

To pass "Lloyds" Survey.

| | |
|---------------------------------------|------|
| Circumferential Seam | |
| Sectional area of plate between holes | 62.9 |
| " " " Rivets | 54.3 |

Tensile Strength of Materials

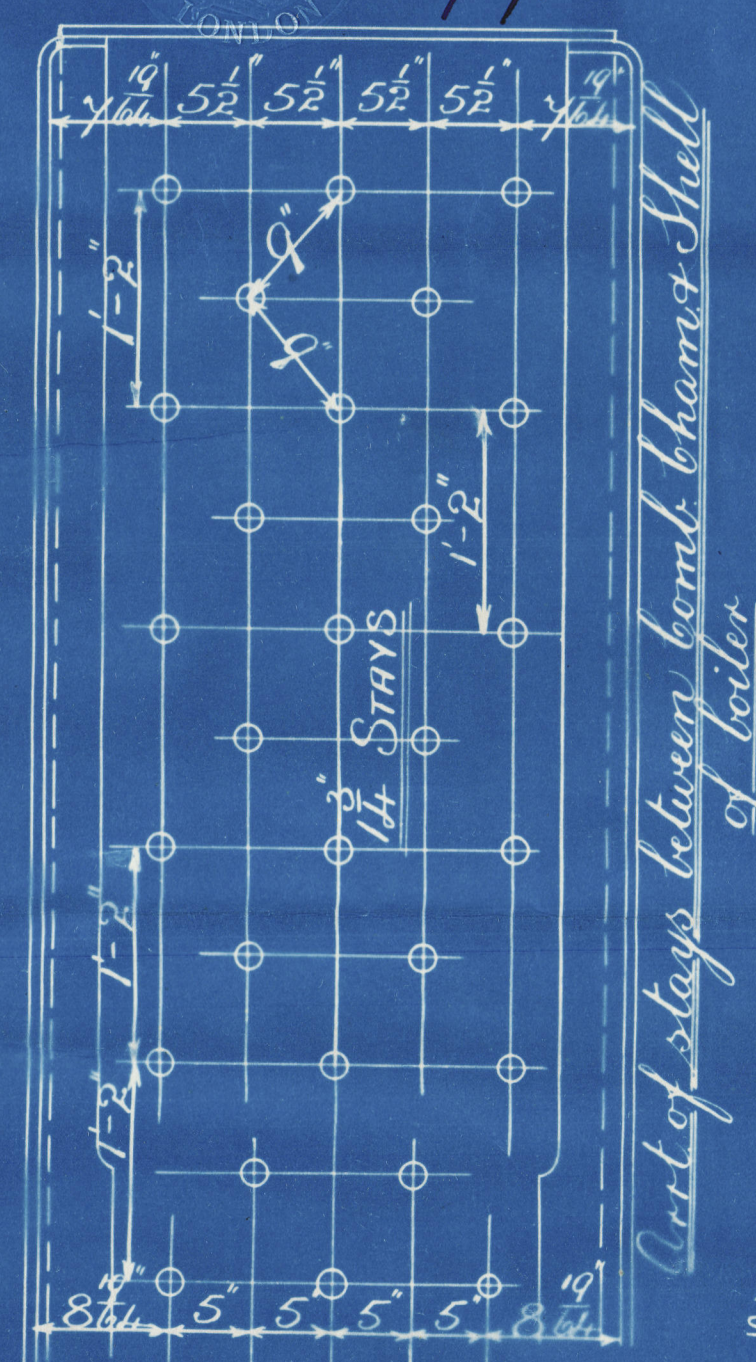
Shell plates & Girder plates not less than 28 tons per sq.

| | | | | | | | |
|--------------------------------|---|---|---|----|---|---|---|
| comb. charm. tube & end plates | " | " | " | 26 | " | " | " |
|--------------------------------|---|---|---|----|---|---|---|

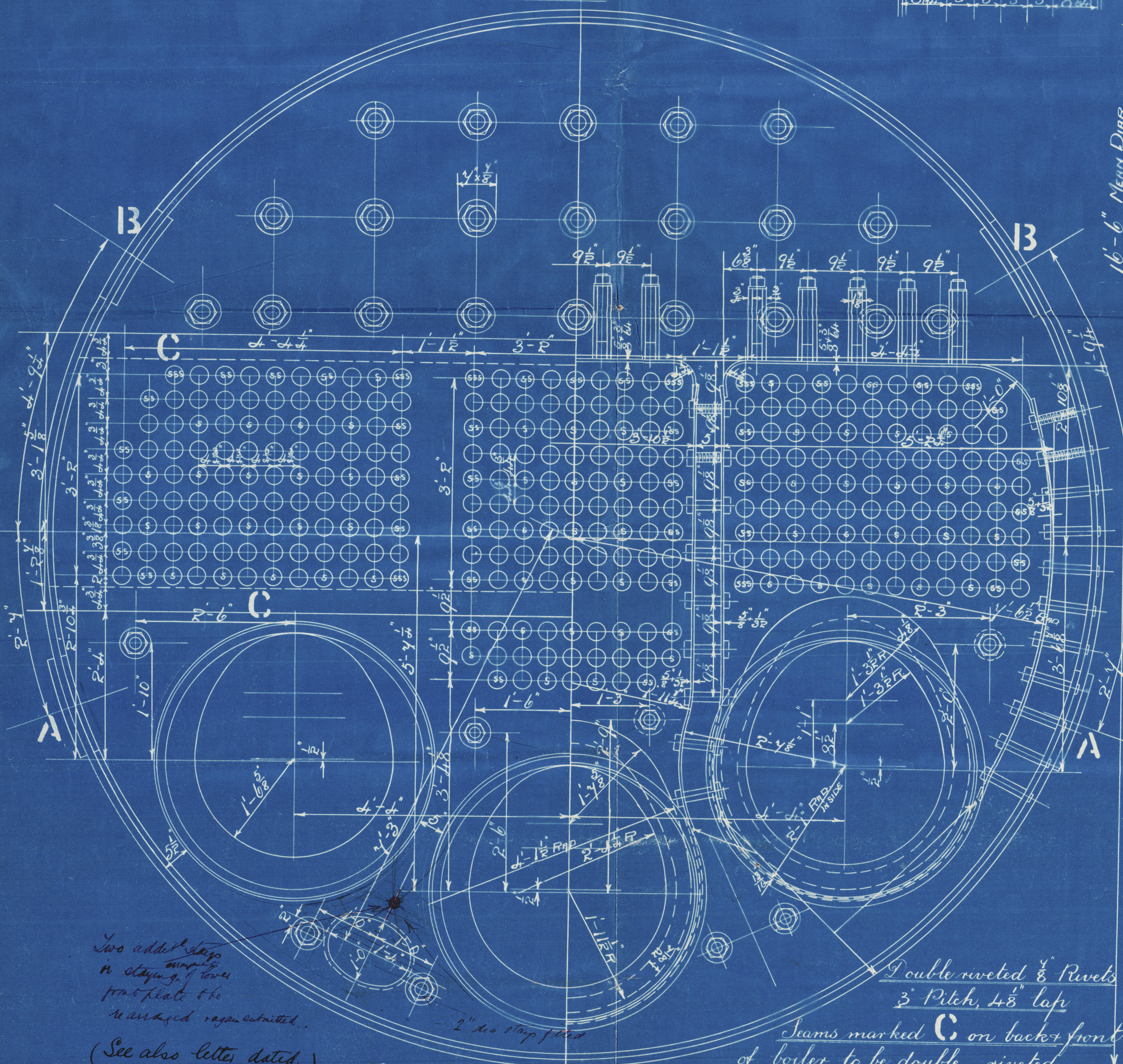
Longitudinal Stays " " " 28 " " "

Screwed Stays " " " 26 " " "

Rivets " " " 26 " " "

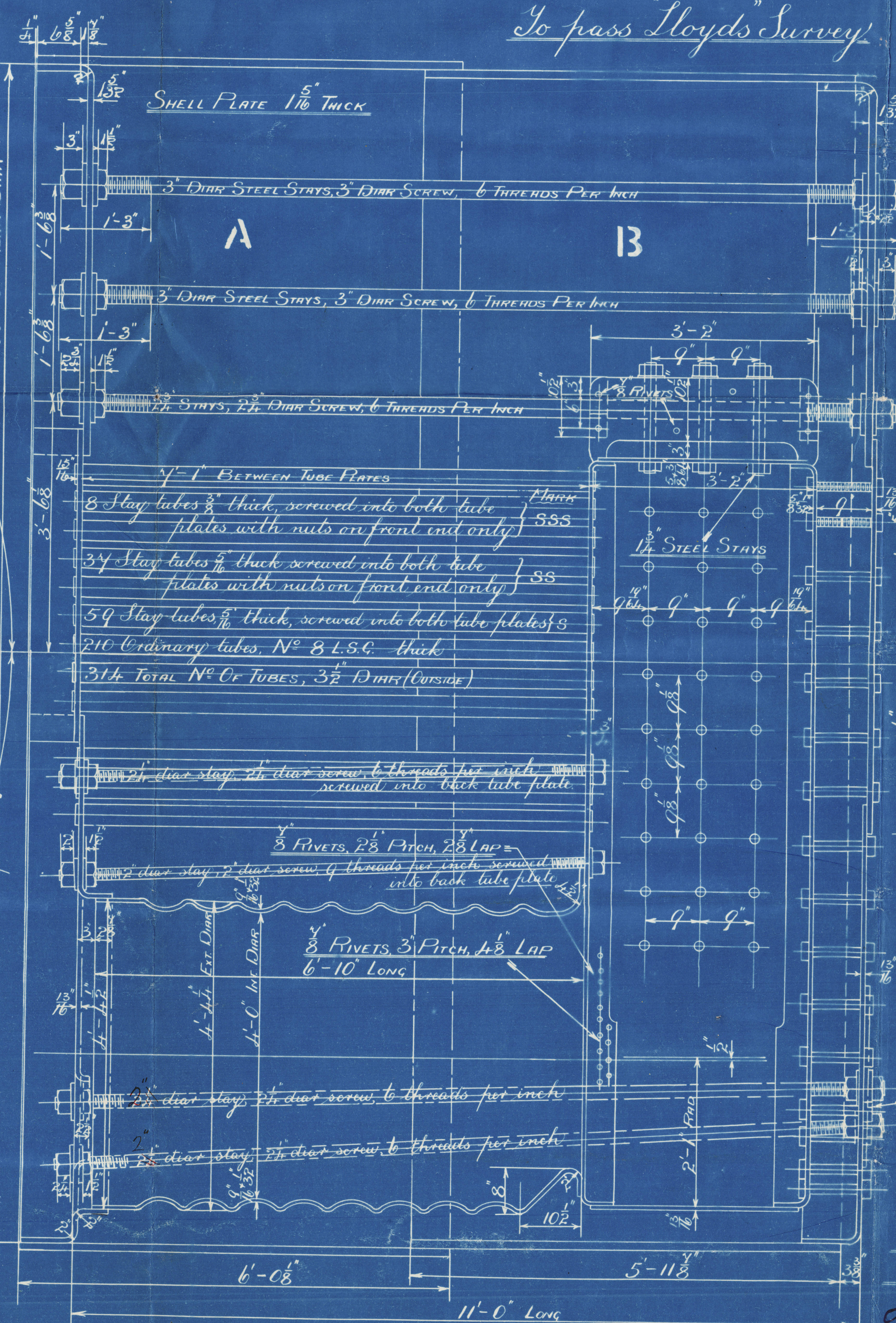


Bull Straps (inside) $1\frac{5}{16}$ " thick
" " (outside) $1\frac{5}{16}$ " "

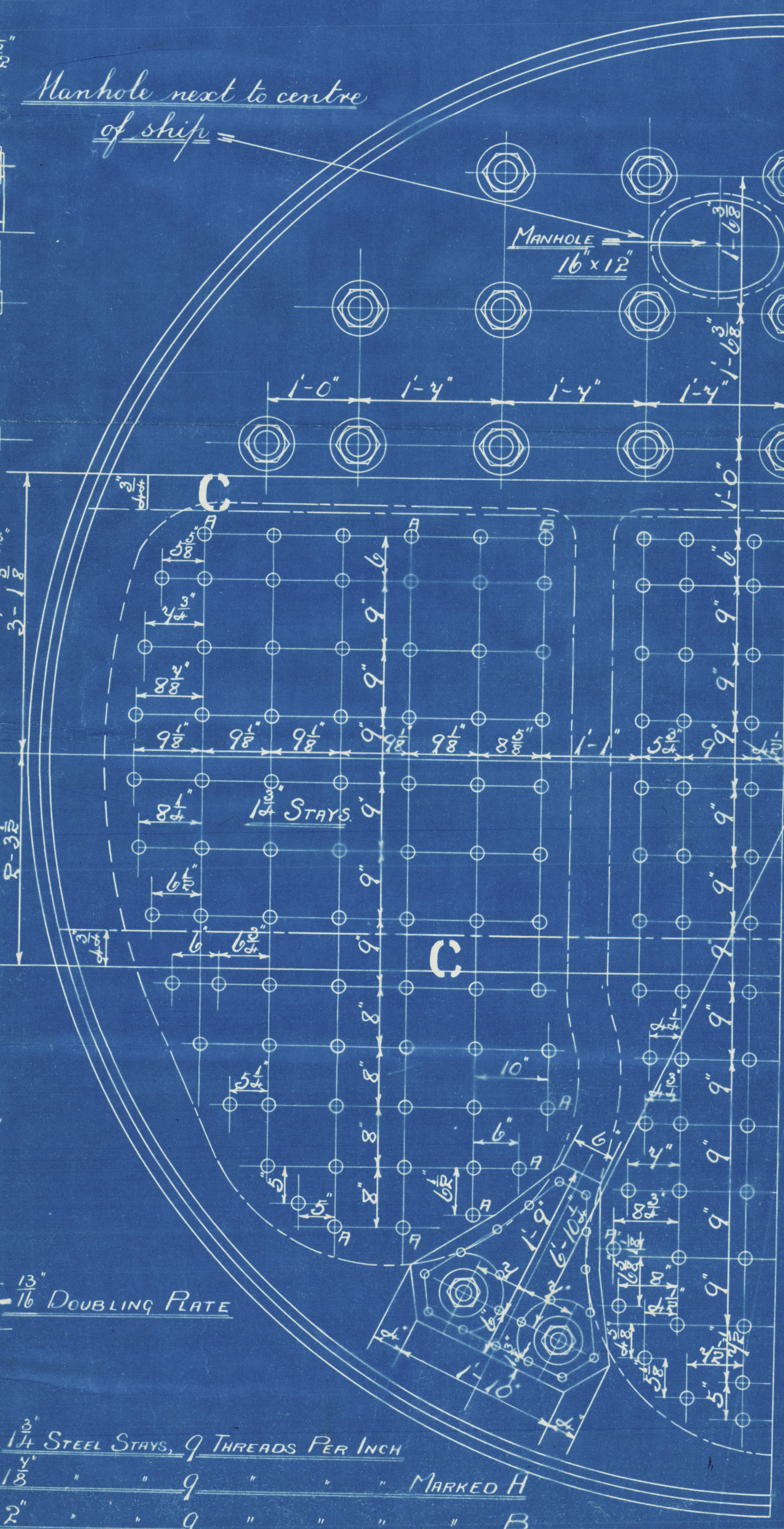


Two additional ^{minutes} stays
in staying g. of three
front plate the
unadjusted region submitted.
(See also letter dated
J.E.M. 6/5/10)
6/5/10

Double riveted $\frac{5}{8}$ " Rivets
3" Pitch, $4\frac{3}{8}$ " Lap
Stems marked C on back & front
of boiler to be double riveted
1" Rivets, $3\frac{3}{8}$ " Pitch $4\frac{3}{4}$ " Lap



Hanhole next to centre
of ship =



| | | | | |
|---------|--------------|-----|------------------|---|
| 1 3/4" | STEEL STAYS, | 9 | THREADS PER INCH | |
| 1 7/8" | " | " | " | " |
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CONTRACT N° 418

418.

H. DOXFORD & SONS LTD

M. BOILERS. 180 LBS W.

FOR THEIR.

S.S. 418.

L. J. Moorlands.

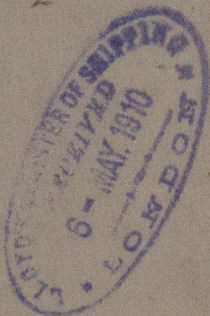
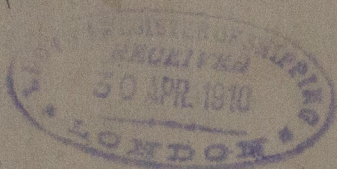
Ld FE. RMD no 24592

LLOYD'S TEST

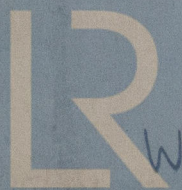
N^o 2845

360 LBS

~~350~~ 25-4-10 W.B



W.B.
29.4.10



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W 850-0026

Lloyd's Register
Foundation