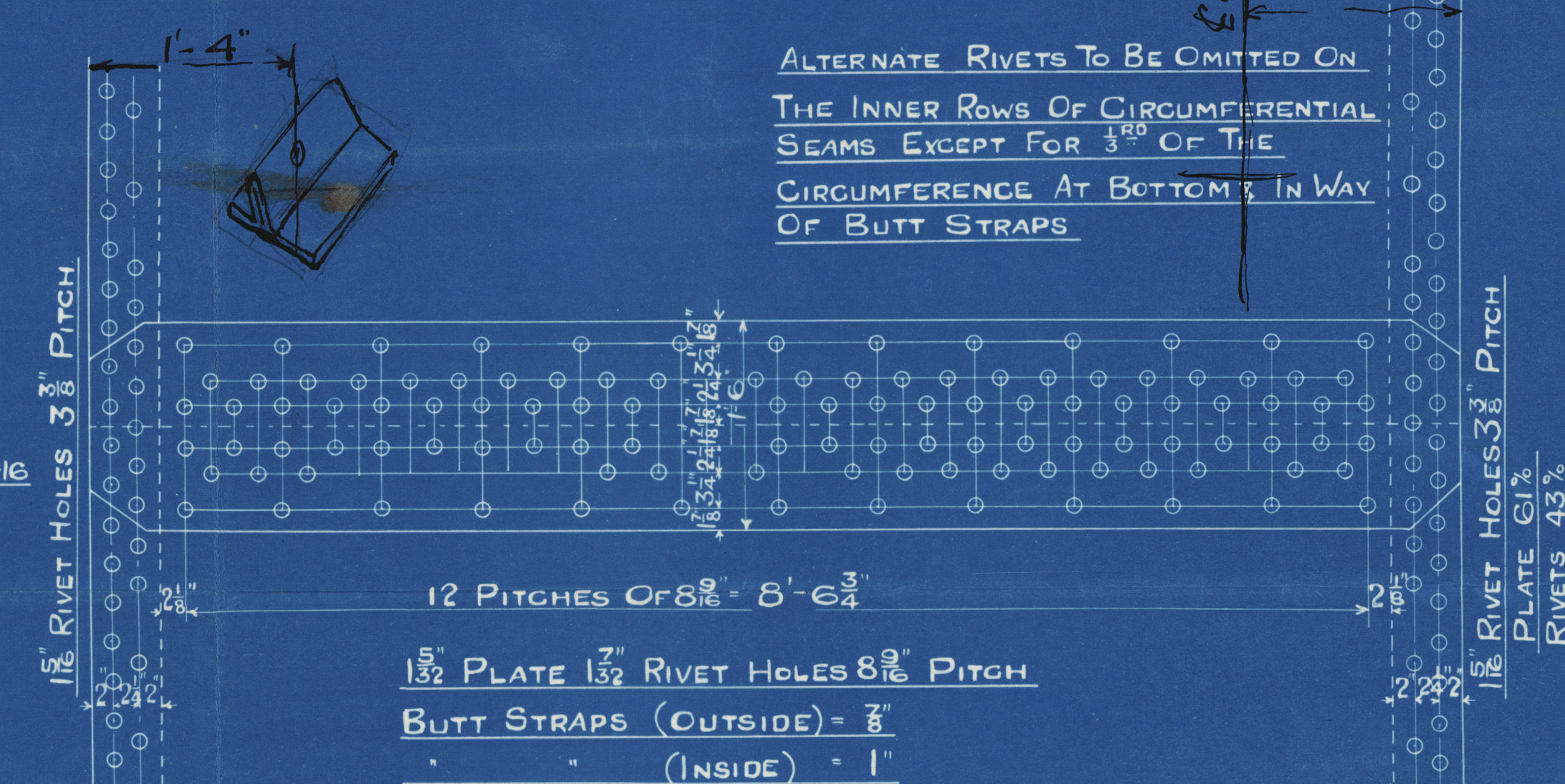
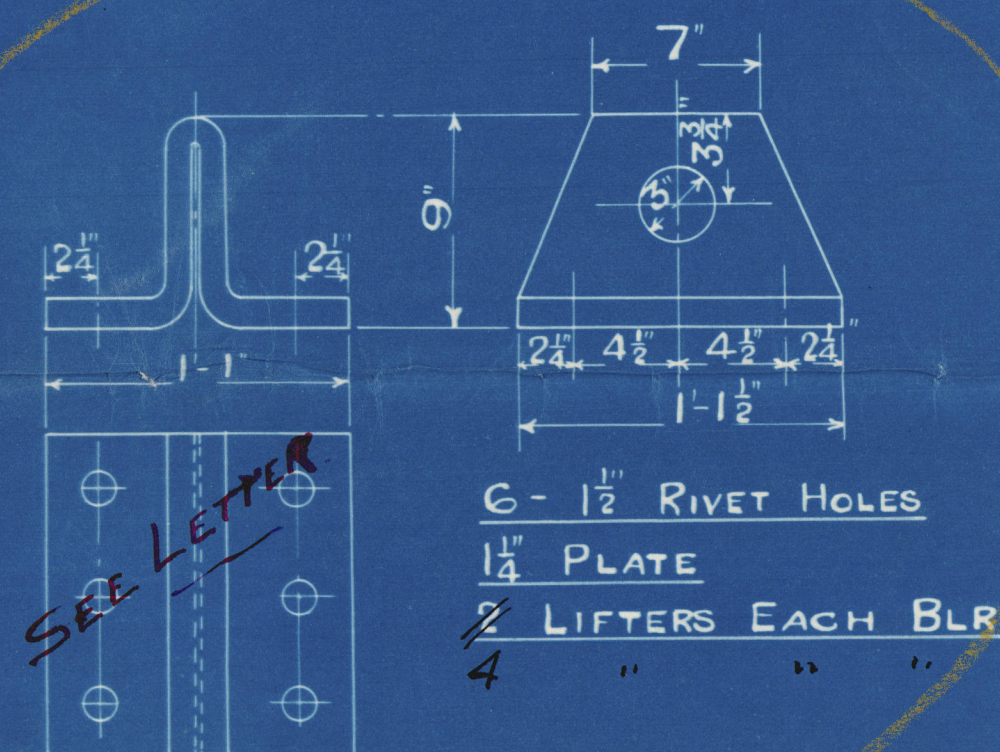


BOILER

PLATE STRENGTH = 85.76%
RIVET " = 89.1%
SHELL $\frac{(37-2) \times 28 \frac{1}{8} \times 8576}{2.75 \times 171 \frac{11}{16}}$ 18116



ALTERNATE RIVETS TO BE OMITTED ON
THE INNER ROWS OF CIRCUMFERENTIAL
SEAMS EXCEPT FOR 3RD OF THE
CIRCUMFERENCE AT BOTTOM IN WAY
OF BUTT STRAPS

LLOYDS REQUIREMENTS

HEATING SURFACE OVER TUBES = 1710

ELSEWHERE = 430

TOTAL = 2140 PER BLR:

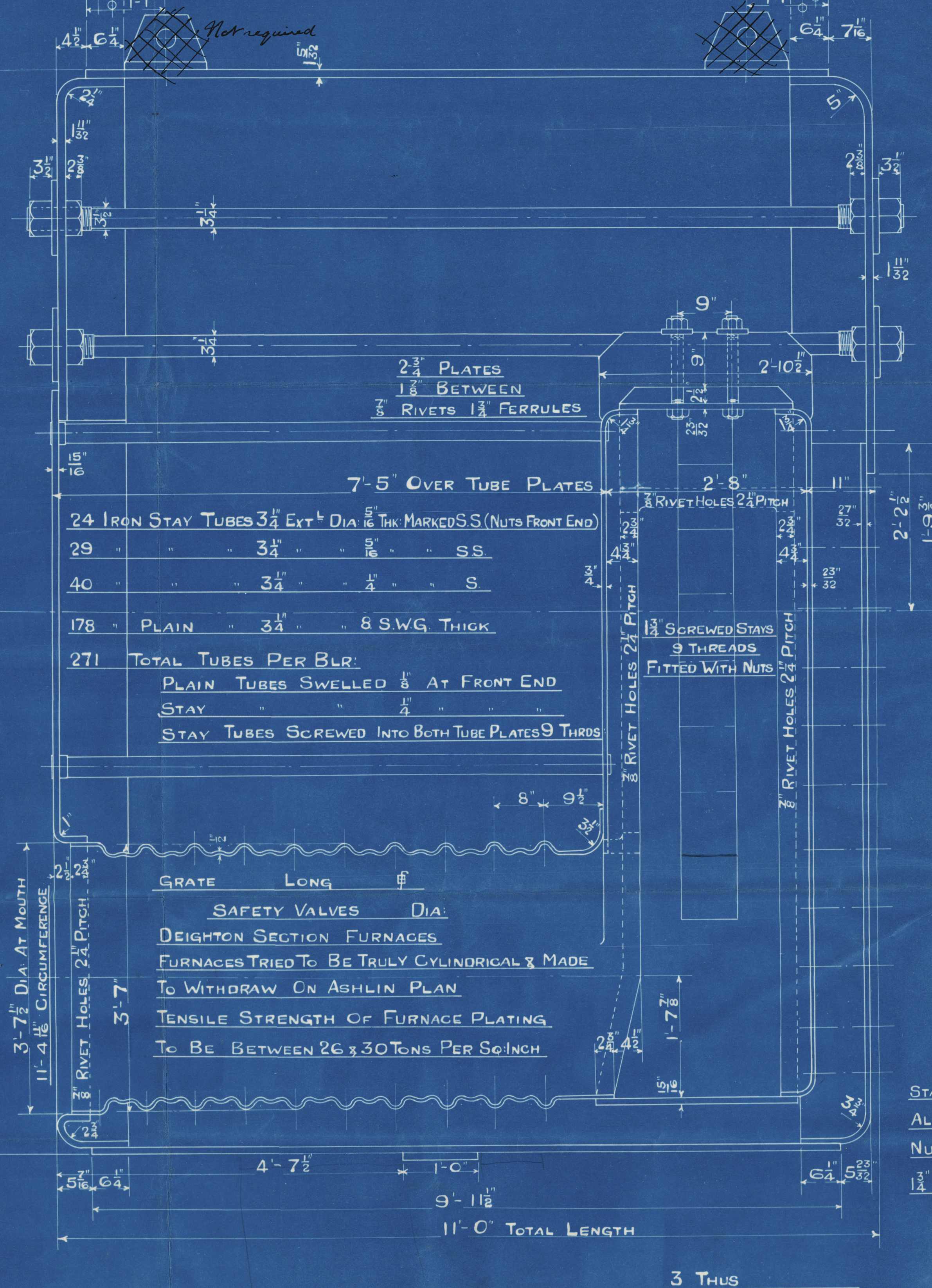
WORKING PRESSURE 180 LBS PER D'

TEST " 320 " " "

ALL PLATES, STAYS & RIVETS STEEL SMOKE TUBES WROUGHT IRON

TENSILE STRENGTH OF SHELL PLATES 28½ TO 32½ TONS PER Q"

ALL HOLES DRILLED IN PLACE AFTER PLATES ARE BENT



STAYS MARKED THUS ○ 2" DIA 9 THRS
ALL OTHERS 1 $\frac{3}{4}$ " DIA 9 THRS:
NUTS FITTED BOTH ENDS
 $\frac{3}{4}$ " NUTS $\frac{7}{8}$ " DEEP 2" NUTS 1" DEEP

TRACING Nº 659

CONTRACTS 2541-2545

North Eastern Marine
Engineering Co. Ltd.

Boilers (2541-2545)

for
Northumberland Ship Co. Ltd.

Gr 383/4

H.P. 180 lbs.

Test 320 lbs.

Please retain for reference
in constructing No. 2545

Report No.

NEWCASTLE ON TYNE.

Trougate



S.S. "SNOWDON"

NEWCASTLE ON TYNE.

Report No. 47502

S.S. "OVERSTONE"

NEWCASTLE ON TYNE.

Report No.

Lloyd's Register
Foundation

W225-0054