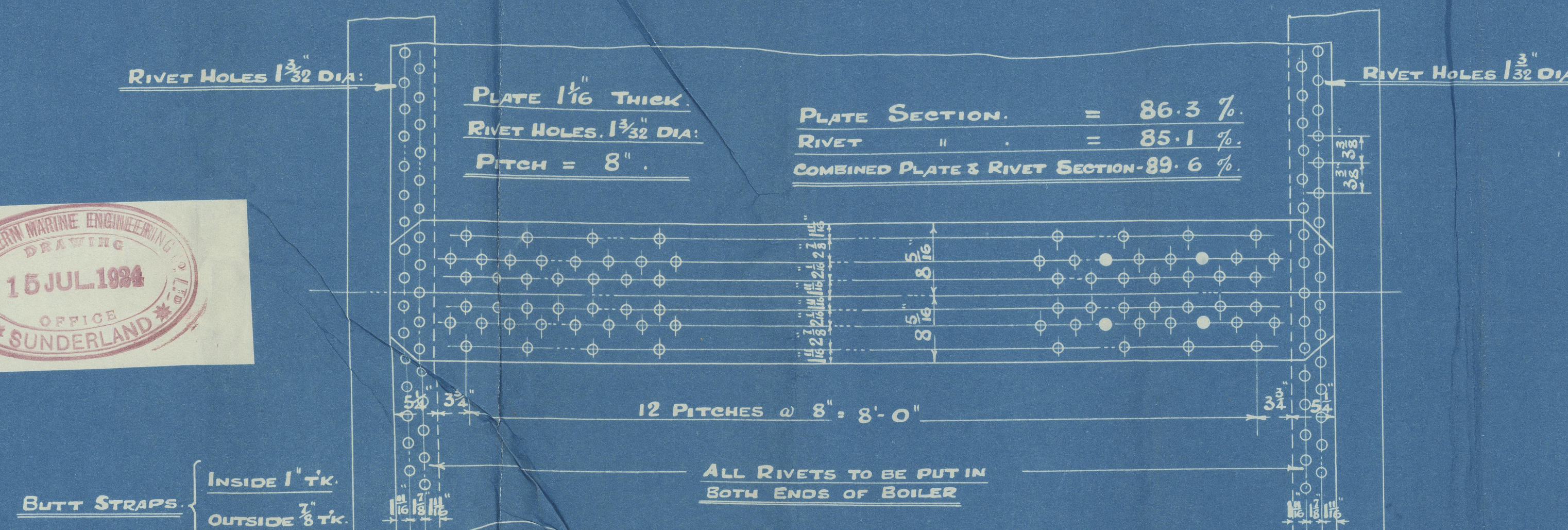


WRITTEN DIMENSIONS ONLY TO BE TAKEN.



To PASS THE SURVEY OF LLOYD'S & BELGIAN G.	
SHELL =	$\frac{28(34-9) \cdot 85 \cdot 1}{3 \cdot 75 \times 163 \cdot 875} = 180 \text{ LBS PER SQ. IN.}$
WORKING PRESSURE	= 180 " " "
TEST	= 320 " " "
HEATING SURFACE ON TUBES	= 1230 SQ. FEET.
" " OTHER PARTS	= 320 " " "
" " TOTAL	= 1550 " " "
EX: FRONT TUBE PLATE	= 1518 " " "
EFFECTIVE AREA OF STAYS	
$\frac{3}{8}$ " STAY TUBES $\frac{1}{8}$ " TH. 9 THREADS PER INCH	2.17 SQ. INCHES.
$\frac{3}{8}$ " " " $\frac{1}{4}$ " " 9 " " "	1.64 " " "
$\frac{2}{8}$ " MAIN STAYS " 6 " " "	6.49 " " "
$\frac{2}{8}$ " " " 6 " " "	4.11 " " "
$\frac{2}{8}$ " SCREWED " 9 " " "	2.71 " " "
$\frac{1}{8}$ " " " 9 " " "	2.03 " " "
ALL PLATES, RIVETS & STAYS - STEEL.	
TUBES - WROUGHT IRON.	
HOLDS TO BE DRILLED IN PLACE AFTER BENDING.	
TENSILE STRENGTH OF SHELL PLATES 28-32 TONS " "	
" " GIRDER	28-32 " " "
" " MAIN STAYS	28-32 " " "

DRAWN BY _____
TRACED BY I. W.
CHECKED BY _____

CONTRACT 2596. 2 OFF.

DRAWING N° 7779.

N.E.M. ENG. CO

2596

FOR

ANTWERP ENG. CO

Nº 89

MAIN BOILERS

2SE

180 W.P.

Surreybrook

No. 3908

LLOYD'S TEST

320 lbs.

WP 180

B A 12-12-24

S Jordaens
ant 13631

BUNDERLAND RPT. No. 29008

© 2020

Lloyd's Register
Foundation

W1029-0188