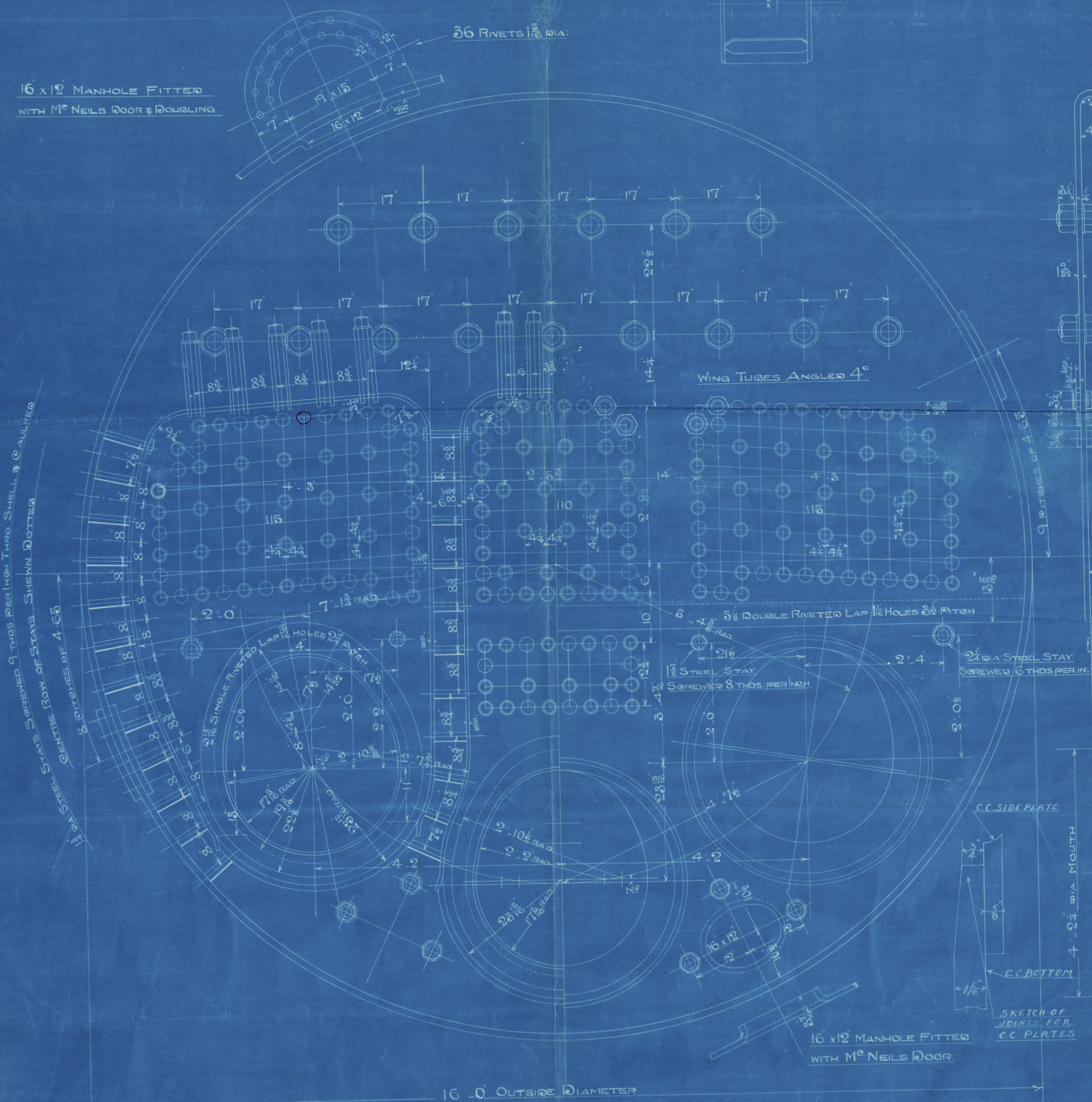


HEATING SURFACE SQ. FT.

TUBES	2103
FURNACES	169
COMBUSTION CHAMBERS	254
TUBE PLATES	96
ONE BOILER	2622 SQ. FT.
TOTAL THREE BOILERS	7866 " "

WORKING PRESSURE 180 LBS PER SQ. INCH.
TEST " 360 " " " "

16 x 12 MANHOLE FITTED
WITH M^c NEILS DOOR & DOUBLING



BOILER CONTRACT N^o 664.

MESS^{rs} SWAN, HUNTER & WIGHAM RICHARDSON'S S.S. N^o 831.

CONSTRUCTED TO PASS LLOYD'S REQUIREMENTS.

THREE OFF THIS

SCALE 1"=1 FOOT

MATERIAL

PLATES STEEL
RIVETS "
STAYS "
TUBES IRON

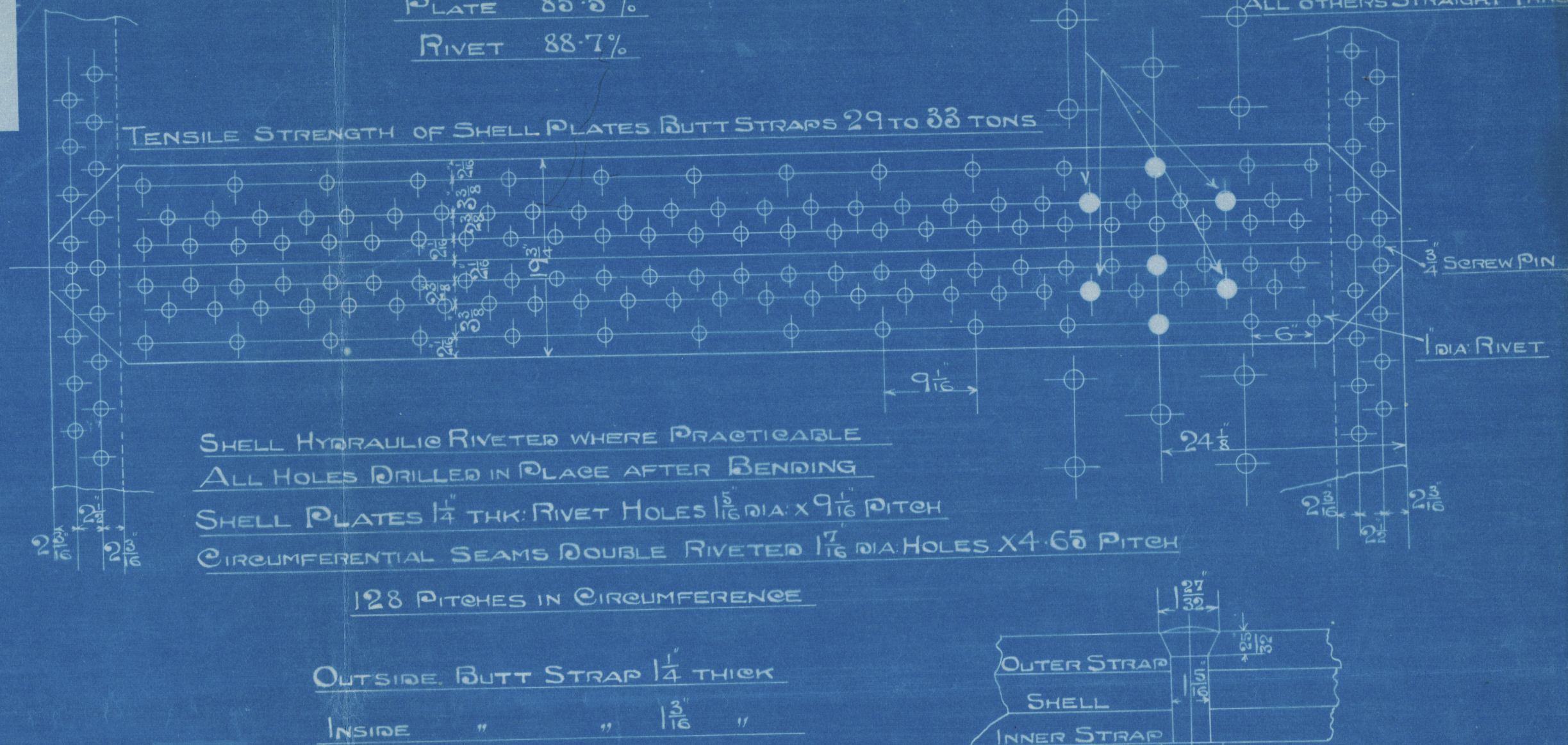
SPARE GEAR

20 PLAIN BOILER TUBES

PLAN OF SHELL RIVETING

STRENGTH OF JOINT

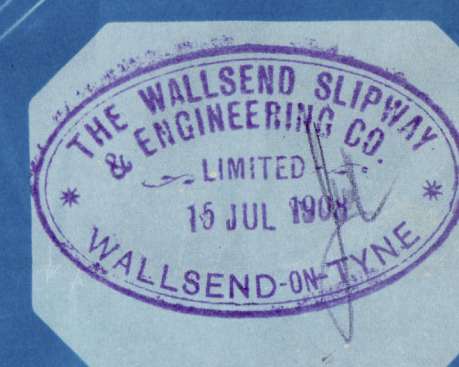
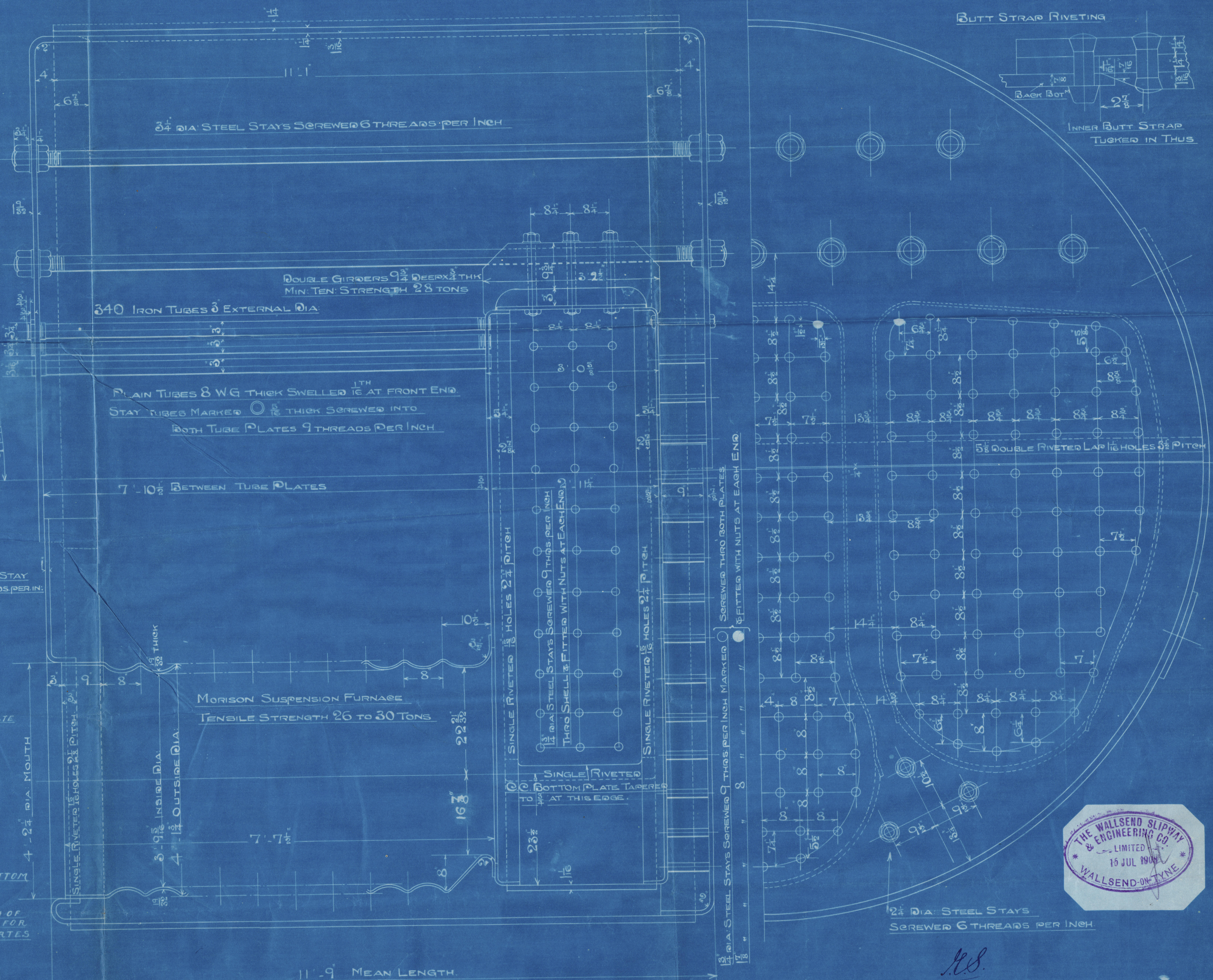
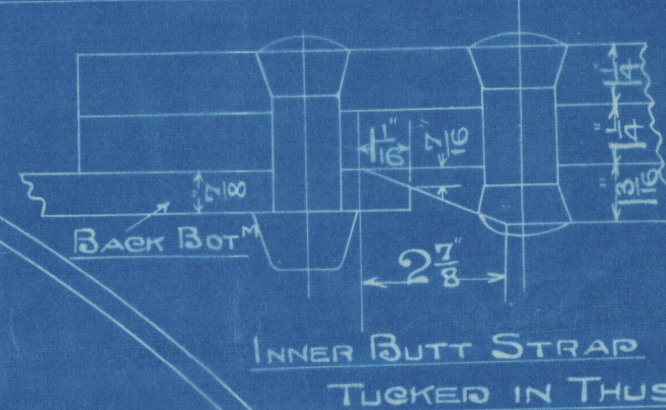
PLATE 85.5%
RIVET 88.7%



OUTSIDE BUTT STRAP 1 1/4" THICK

INSIDE " " 1 1/8 " "

BUTT STRAP RIVETING



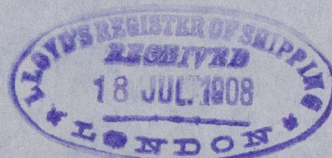
Swan Hunter & Co.

N° 831

Waltham Slipway & Co.
N° 664

180h

Duplicate of
821



7794

360

30/12/08 JYF

S.S. PATELLA

Newcastle-on-Tyne

REPORT No 56606

DETAILS

W785-0013



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