

BOILER N^o 981 + 983. FOR SHIELDS ENG. & DRY DOCK CO^Y L^D ENGINE N^o 361. + 364.

WORKING PRESSURE 140 LBS PER SQ. INCH.
TESTED TO 280 LBS BY HYDRAULIC PRESSURE.

TO LLOYDS SURVEY.

SCALE 1" = ONE FOOT.

LONGITUDINAL SEAM $\frac{7}{8}$ " HOLES. $\frac{13}{16}$ " RIVETS. $5\frac{1}{2}$ " PITCH.

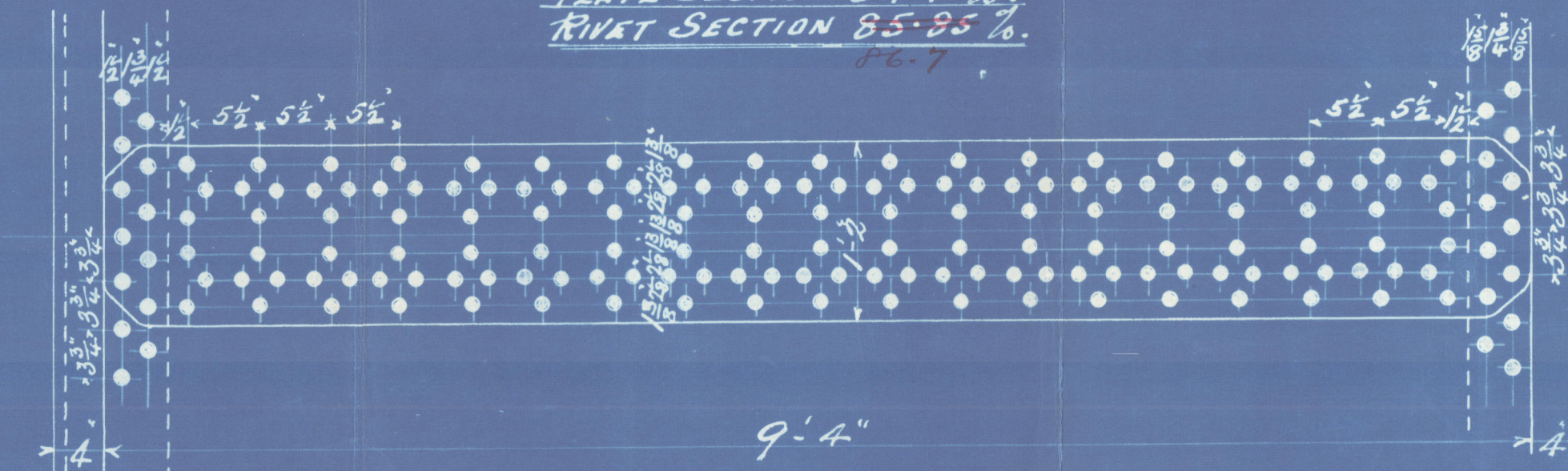
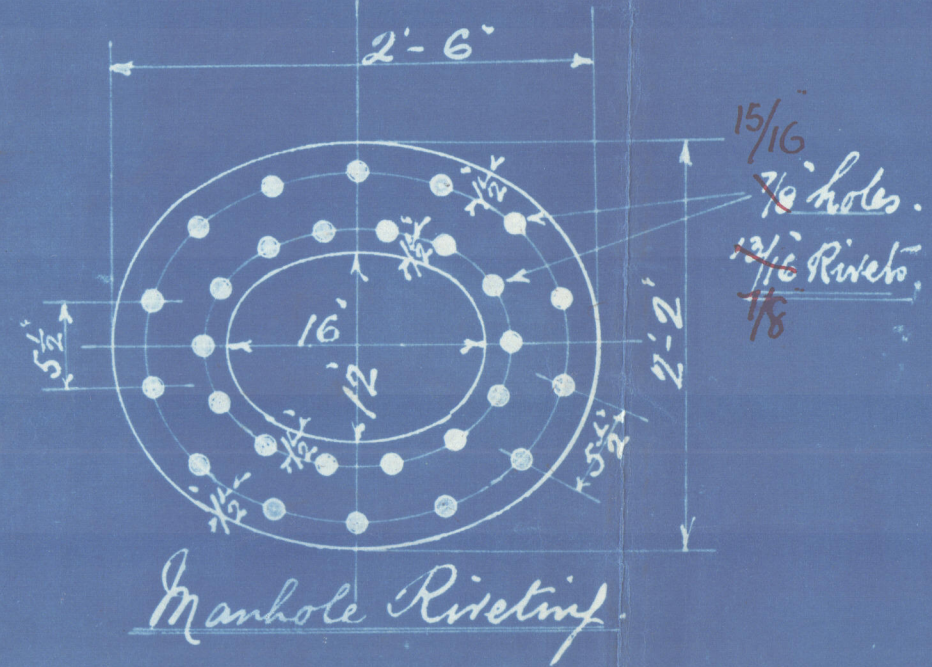
CIRCUMFERENTIAL SEAMS 1 1/8" HOLES, 1" NUTS, 3 3/4" PITCH.

DOUBLE BUTT STRAPS $\frac{3}{4}$ " THICK.

PLATE SECTION 84.1 %
PISTON SECTION 85.85 %

RIVET SECTION 85-95 %
P6-7

Heating Surface 1086 Sq. Ft.
Grate area 34 Sq. Ft.



Shell & Butt Plugs 29 to 33 tons. T. S.
Girders plates 28 to 32 " "
all other plates 26 to 30 " "
Main Plugs 28 to 32 " "
Screwed Plugs 26 to 30 " "
plates, Plugs & Rivets of Steel.
Tubes of Iron, lapwelded.

FOR ENCLOSURE TO

Lloyds

.....
(P. S. & I. Co., Ltd).

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mv. S. S. ARRAN FIRTH
NEWCASTLE ON TYNE.

Report No. 4501~~1~~0.



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S. J. FERNSIDE
NEWCASTLE ON TYNE.

Report No. 44442



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W1279-0113

Palmer's Boiler 981/3
Palmer's. coy Ltd. - w/ JTH/JB
BS * 7DY
Hebburn 199

Plan - main Boilers

981 - 983

Shields Engineering cy Ltd N. Shields

Engines nos 361 - 364.

981
9467
Cylinders 280 lbs
wp 140 lbs
L G S
27.9.20

983
9469
Cylinders 280 lbs
wp 140 lbs
L G S
29.9.20

Boiler no. 981.

NEWCASTLE ON TYNE.

Report No. 73821.

Please return to Newcastle office
for reference when building 364
BMS



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