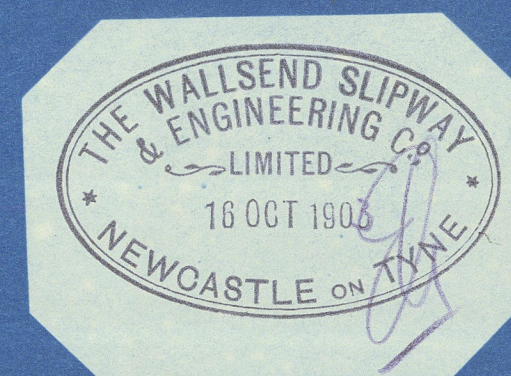


<u>HEATING SURFACE</u>	<u>SQ. FEET</u>
<u>TUBES</u>	405
<u>FURNACES</u>	78
<u>COMBUSTION CHAMBERS</u>	81
<u>TUBE PLATES</u>	31
<u>1. BOILER</u>	595

CHECKED BY *P.P.*
DATE *March 19-63*
TIME CHARGED TO *1*



BOILER, ORDER N^o [REDACTED] -154B.

FOR SIR W.G. ARMSTRONG & WHITWORTH'S NO. [REDACTED] 1/49 SHIP.

TO BE CONSTRUCTED TO PASS LLOYDS SURVEY

SCALE 1 = 1 FOOT

MARCH 19TH 1903

PLATES MANUFACTURED BY J. SPENCER & SON

PLATES OF STEEL

MAIN STAYS " "

C.C. STAYS " "

TUBES OF IRON.

MINIMUM TENSILE STRENGTH OF SHELL PLATES 29 TONS PR. SQ.

STRENGTH OF JOINT

RIVET 81%

SHELL HYDRAULIC RIVETED WHERE PRACTICABLE

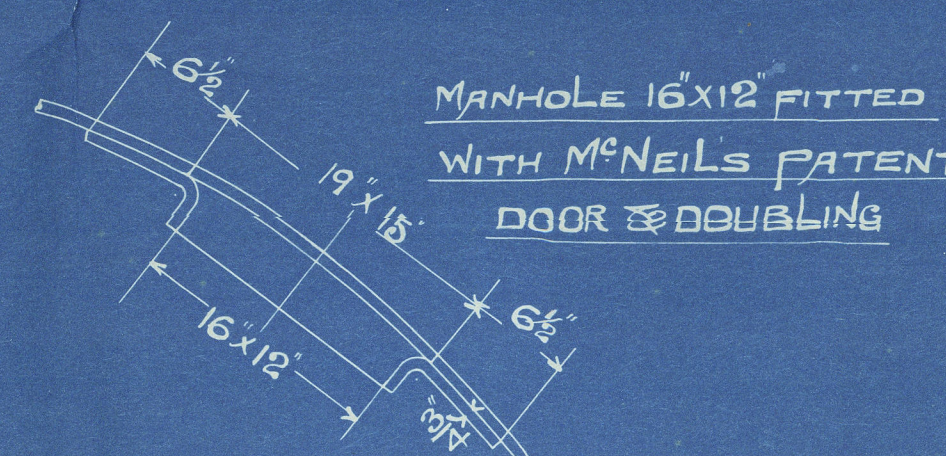
ALL HOLES DRILLED IN PLACE AFTER BENDING

SHELL PLATES $\frac{11}{16}$ " THICK. RIVET HOLES $\frac{31}{32}$ " DIA. X $4\frac{1}{2}$ " PITCH

CIRCUMFERENTIAL SEAMS DOUBLE RIVETED

RIVET HOLES $\frac{31}{32}$ " DIA. X $3\frac{3}{4}$ " PITCH.

FRONT OF BOILER



LETTERS A DENOTE
POSITION OF LAP JOINTS

FITTED WITH McNEIL'S DOOR

Walsend Shipway

1524 B.

Smoky like for
Armstrong Whitworth

S/s 749.



15 E
W.P. 120

No 6729
Lloyds list
240 lbs.
G.A.H. 29/11/04

J. J. Bence

Newcastle Report

S/S H. J. 1114



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Lloyd's Register
Foundation

W342 - 0115