

Crown Stays 1/2" Dia bottom of Crown
screwed into Swanne Crown + Nutted.

All Plates Messrs J. Spencer & Sons Newham

Rivet Machine Messrs J. Miller & Co Glasgow

All Holes in inner half of long seam of shell drilled
in position

All other holes punched to size & drilled to size in
position

Plates annealed after punching & before bending

Also 1/2" of joint. Plate = 42.9
Rivet = 42.15

W.P. of Shell = 99 lbs

Inside of Shell Plates = 24-32 tons

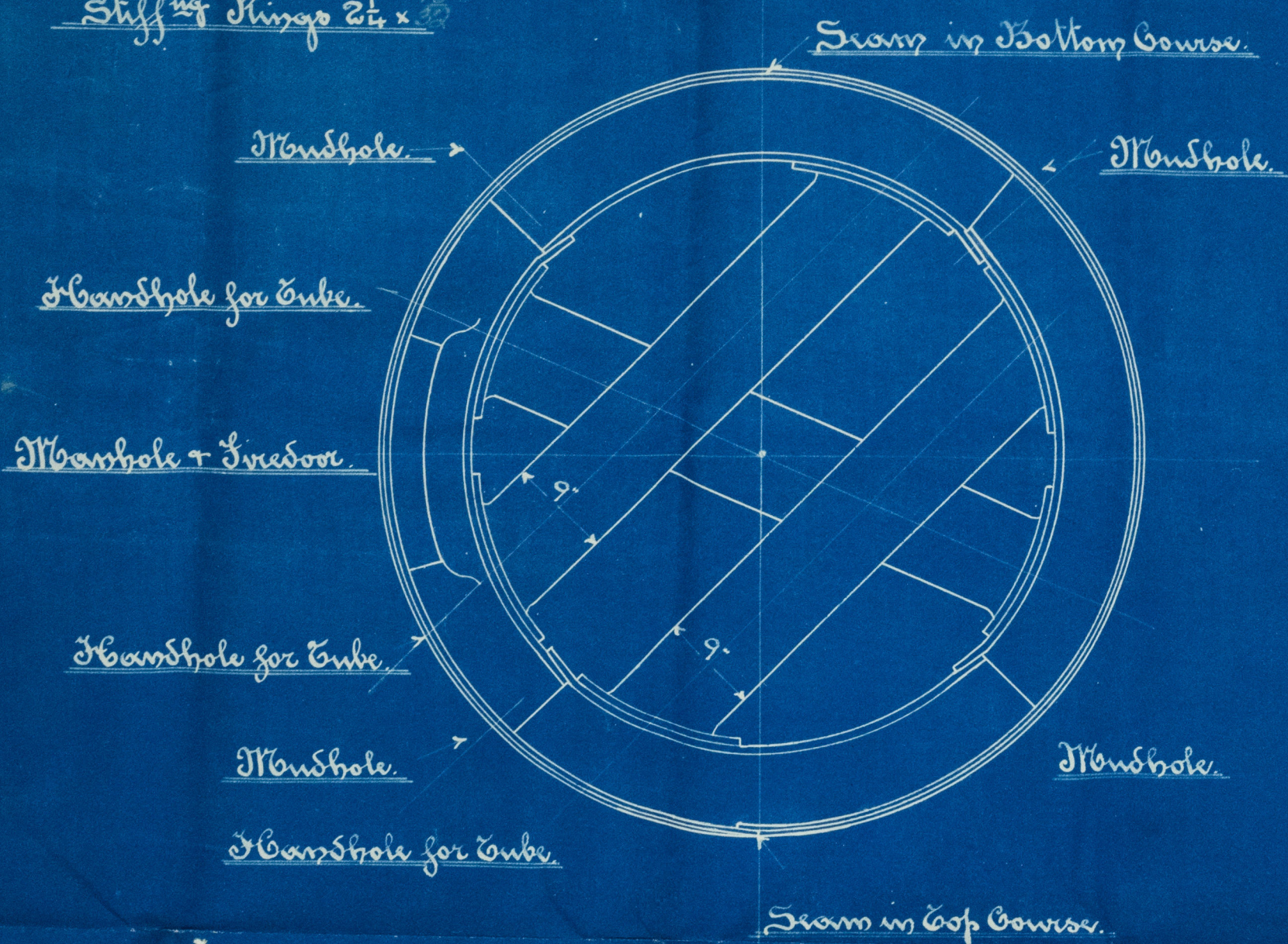
W.P. of Swanne 105 lbs

Boiler No. 27611

Vertical Boiler 12'-0" x 5'-6" Dia.

Manholes + Handholes 3 1/2" x 5"

Stiffing Rings 2 1/4" x 3"



Working Pressure 60 lbs per sq. inch

Testing Pressure 160 lbs per sq. inch

Scale 1" = 1 Foot

Lloyds Survey

Long seams of Shell double riveted 1/8" holes 3" pitch 1/4" lap 2 1/2" diag.

Circle seams of Shell single riveted 1/8" holes 1 1/2" pitch 2 1/2" lap.

Swanne seams single riveted 1/8" holes 4" pitch 2 1/2" lap.

TO *Lloyd's Survey*

RE *Print of 12'-0" x 5'-0" x Tube*

FROM CLARKE CHAPMAN & CO

DATE *8-10-04* TRADING NO. *5052*

Stewart-on-Sym.
1905.4.36.4

Clark Chapman & Co
1764 d 80 No.
43/47
S/S. Stennard