

Shell of boiler Messrs Palmer & Co Siemens Steel  
 Tubes of boiler Messrs Spencer & Sons Siemens Steel  
 Rivet makers James Miller & Co Glasgow  
 Holes in inner half of long seams of shell drilled in position  
 All other holes punched  $\frac{3}{16}$ " small & drilled to size in position  
 Plates annealed after punching & before bending

1 Row of Screw Stays 12 in to  
 $\frac{1}{8}$ " dia at bottom of thread

Double Riveted

Handholes & Mudholes  $3\frac{1}{2} \times 5$

Stiffing rings  $2\frac{1}{4} \times \frac{13}{32}$

Handhole for Tube

Mudhole

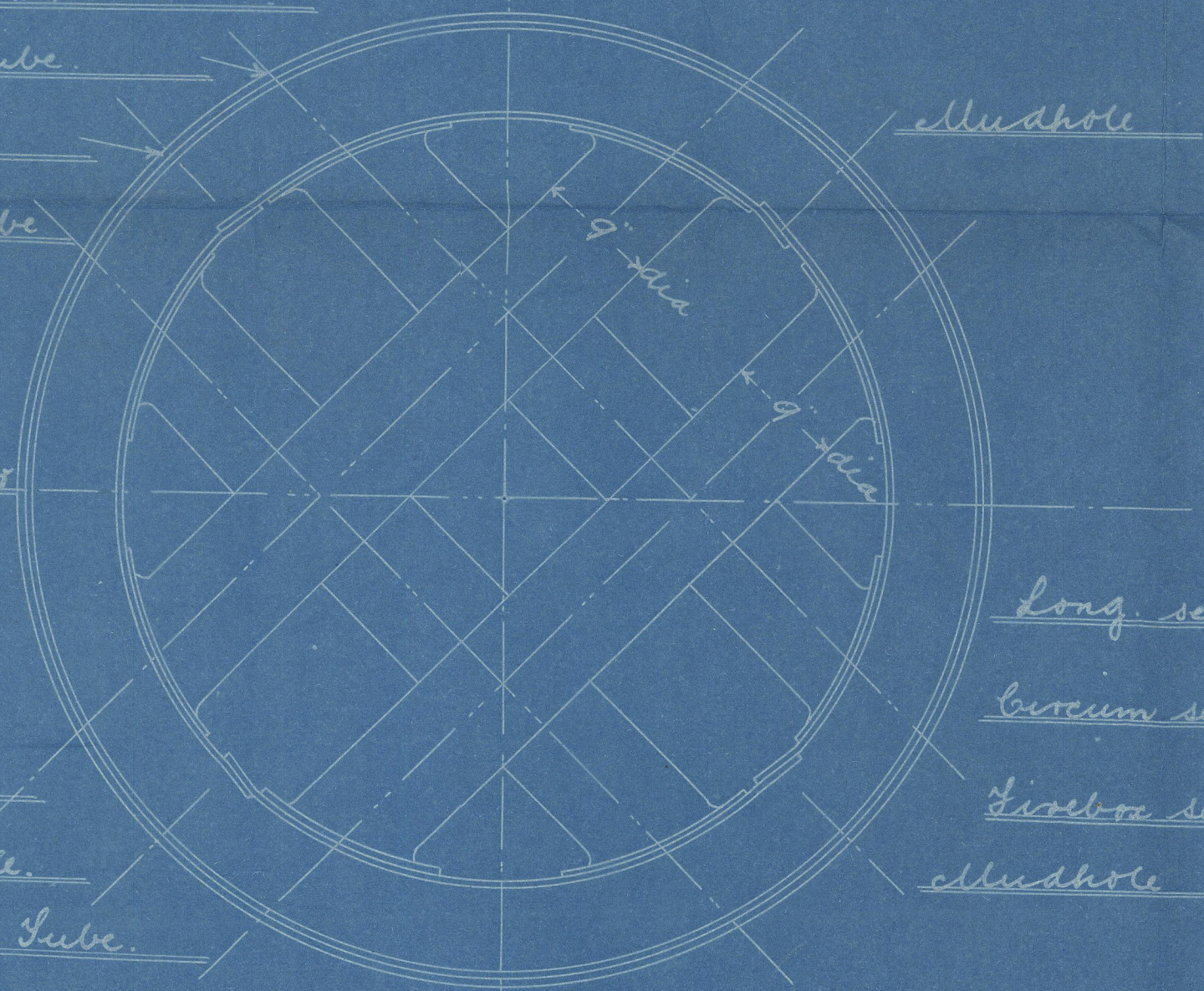
Handhole for Tube

Manhole & Fire door

Handhole for Tube

Mudhole

Handhole for Tube



Boiler No 2912a

Vertical Boiler 12.6 x 6.0 diam.

Lloyd's Reg.

Working Pressure 80 lbs per sq. inch

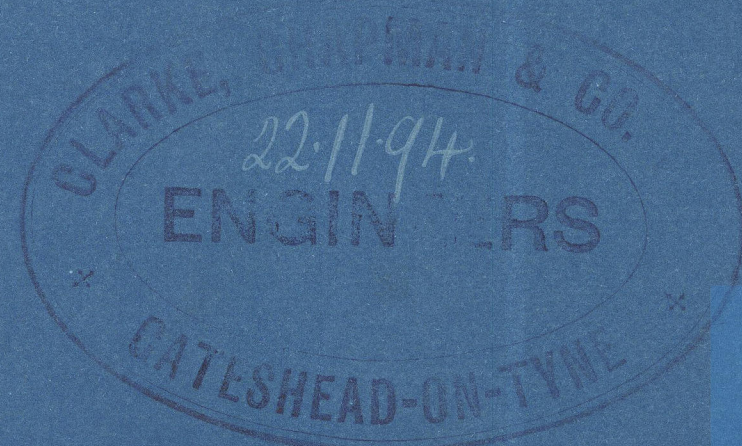
Testing Pressure 160 lbs per sq. inch

Scale 1" = 1 foot

Long seams of shell double riveted  $\frac{13}{16}$ " holes 3" pitch  $4\frac{1}{8}$ " lap  $2\frac{1}{16}$ " dia

Circum seams of shell single riveted  $\frac{13}{16}$ " holes  $1\frac{15}{16}$ " pitch  $2\frac{7}{16}$ " lap

Firebox seams single riveted 1" holes  $2\frac{3}{16}$ " pitch 3" lap



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GFK 330-0230





(2912 a) cerls.  
Dupliant

$\frac{17}{4}$

late. s/s James Watt

now named, "Neptune"

GRK 11159

N<sup>o</sup> 4470  
LLOYDS TEST  
160. lbs.  
3/12/94 aB

X 8403 Shl ✓  
X 8407 —  
8435 — ✓  
8708 7p ✓  
X 8455 Pxx ✓  
8709 7p ✓  
2836 aptk ✓

X  
GRK 330-0230  
Recd 27/11/99  
ccalms 27/11/99



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