

Dr to charter
17/8/85

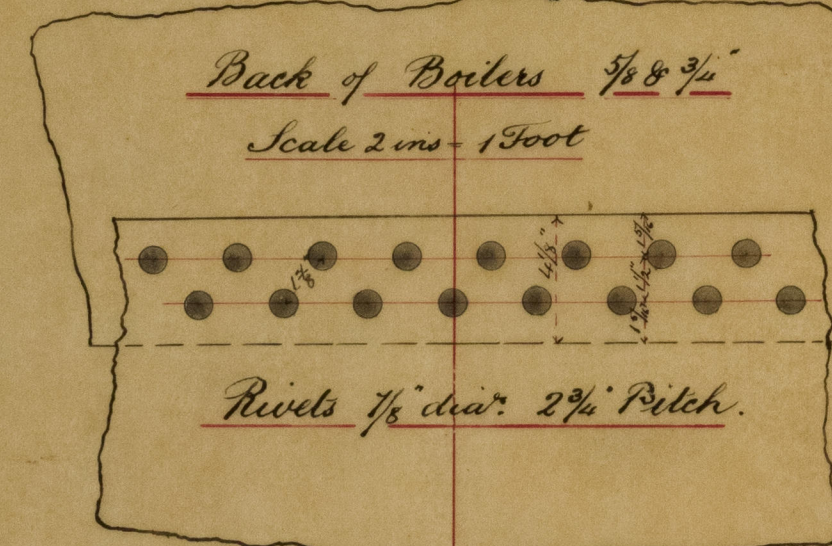
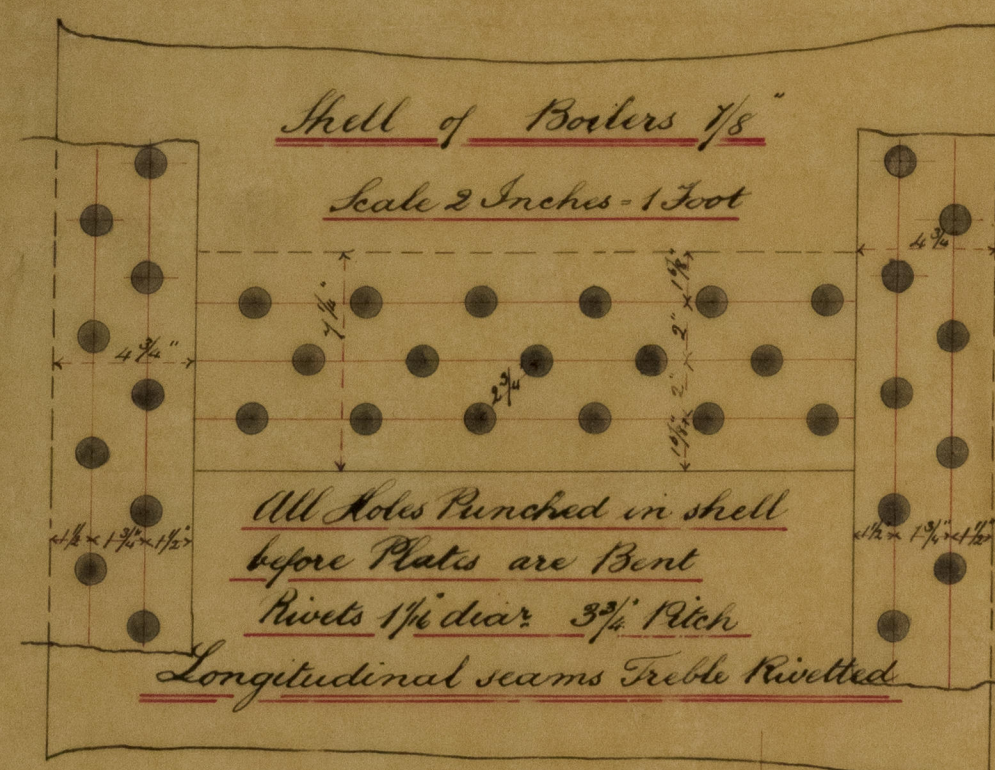
Thickness of Plates

Shell $\frac{7}{8}$ "
 Tube Plates $\frac{1}{16}$ "
 Ends $\frac{3}{8}$ "
 Fire Boxes $\frac{1}{16}$ "
 Furnaces $\frac{1}{2}$ & $\frac{3}{4}$ "

Steam Receivers

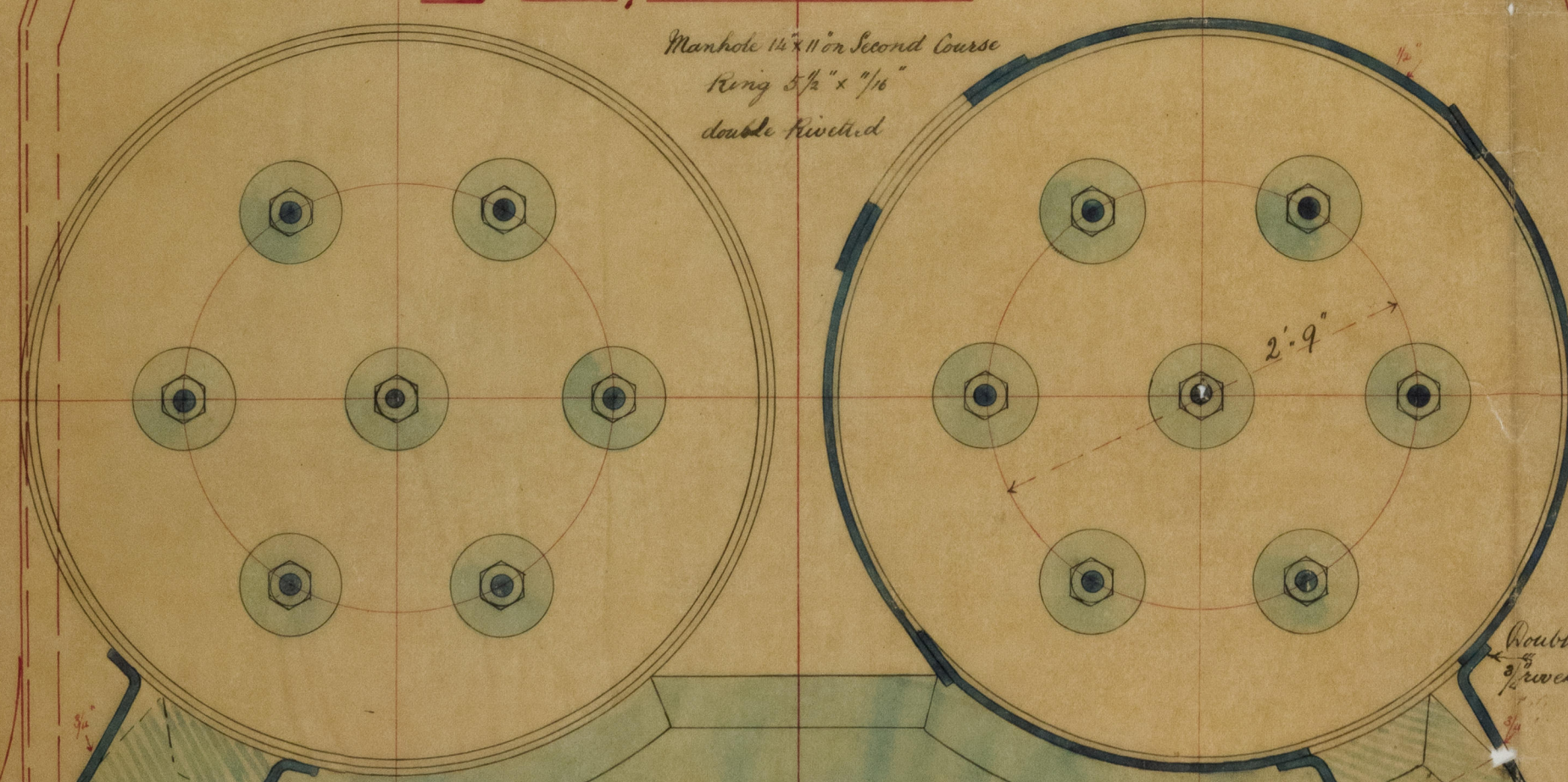
Shell $\frac{1}{2}$ "
 Ends $\frac{3}{4}$ "
 Connections $\frac{3}{4}$ "

Quality of Plates:- All plates subject to the impact of flame to be of Lowmoor Iron. Other parts to be of B.B. Staffordshire or a brand of equal quality.



Note See 1st plate shown in red

Mantle 16" dia. in second course
 Ring $5\frac{1}{2}$ " x $\frac{1}{4}$ "
 double rivetted



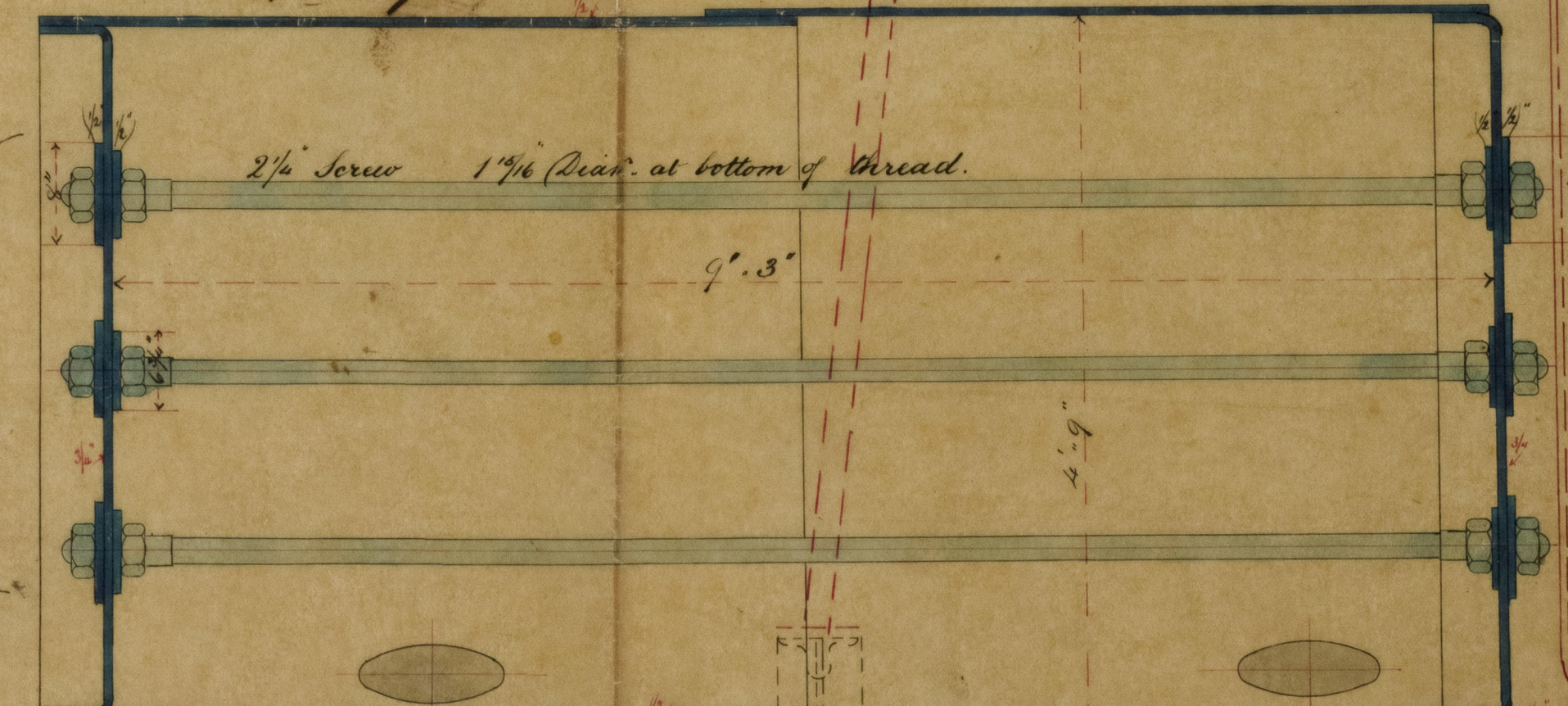
BOILERS FOR THE S. S. "PENGUIN"

Scale One Inch - One Foot

To be marked **R291**,
 Working Pressure 65 lbs per sq. Inch
 To be proved to 130

G. J. N. & Co. Works
 Deptford April 29 1885

C. R. Master
 Sup^t Eng^r



All screwed stays filled with nuts & washers inside & out.

All stay bolts to be $\frac{1}{2}$ " dia. at bottom of thread and screwed into plates and filled with nuts

D.S.
 17/9/85