

STEEL BOILER FOR L.C.C. RIVER BOATS.

SCALE $\frac{1}{2}$ " = 1 FOOT - DETAILS 3" = 1 FOOT & HALF SIZE.

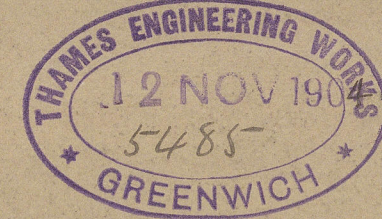
WORKING PRESSURE 115 LBS. PER SQ. IN.

TEST D. 230

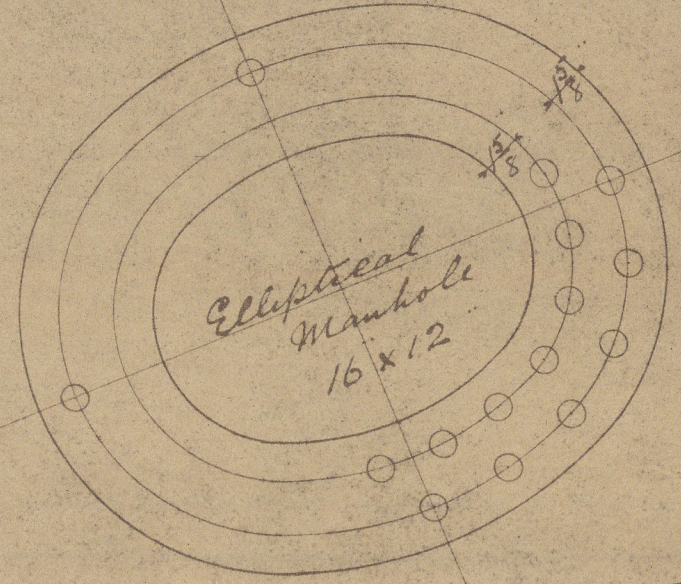
HEATING SURFACE 700 SQ. FT.

GRATE D. 25

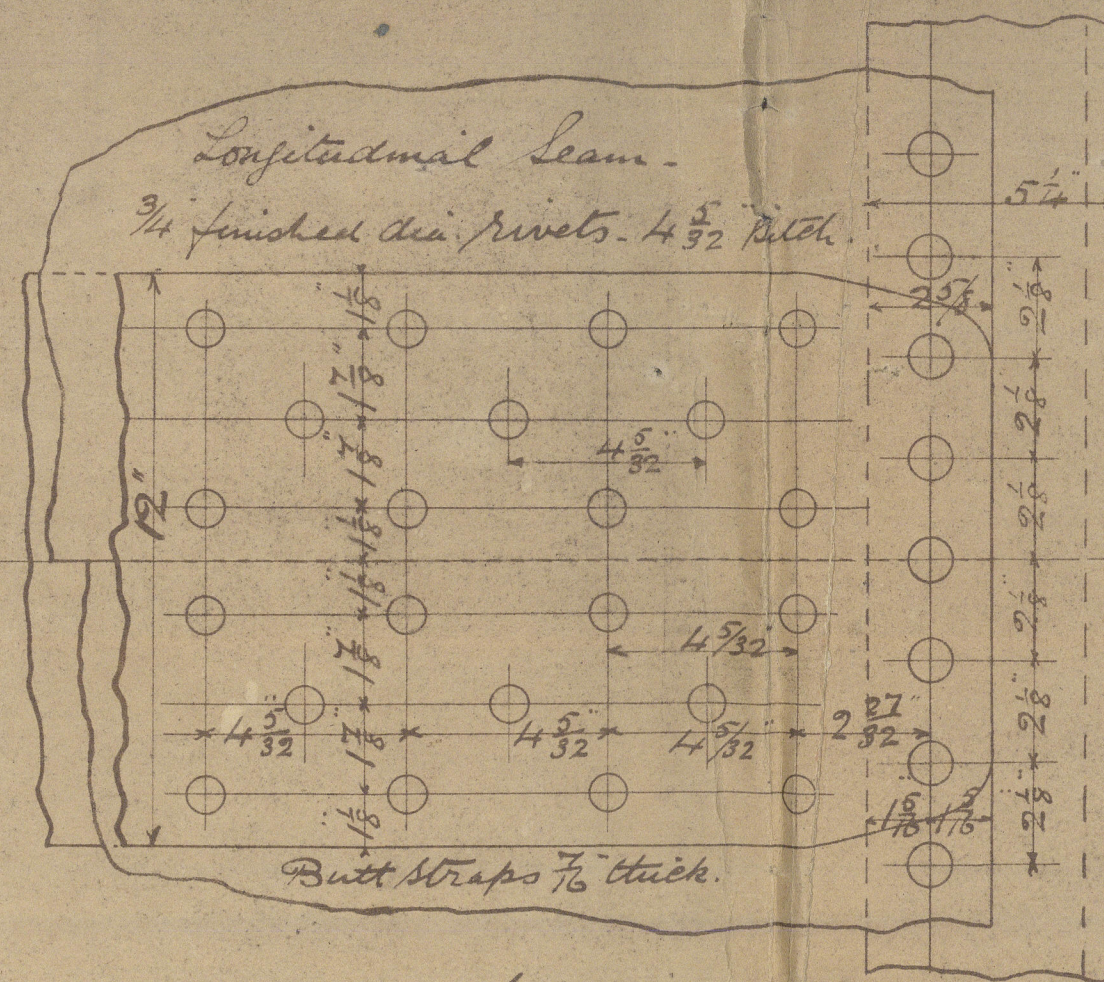
14.11.04



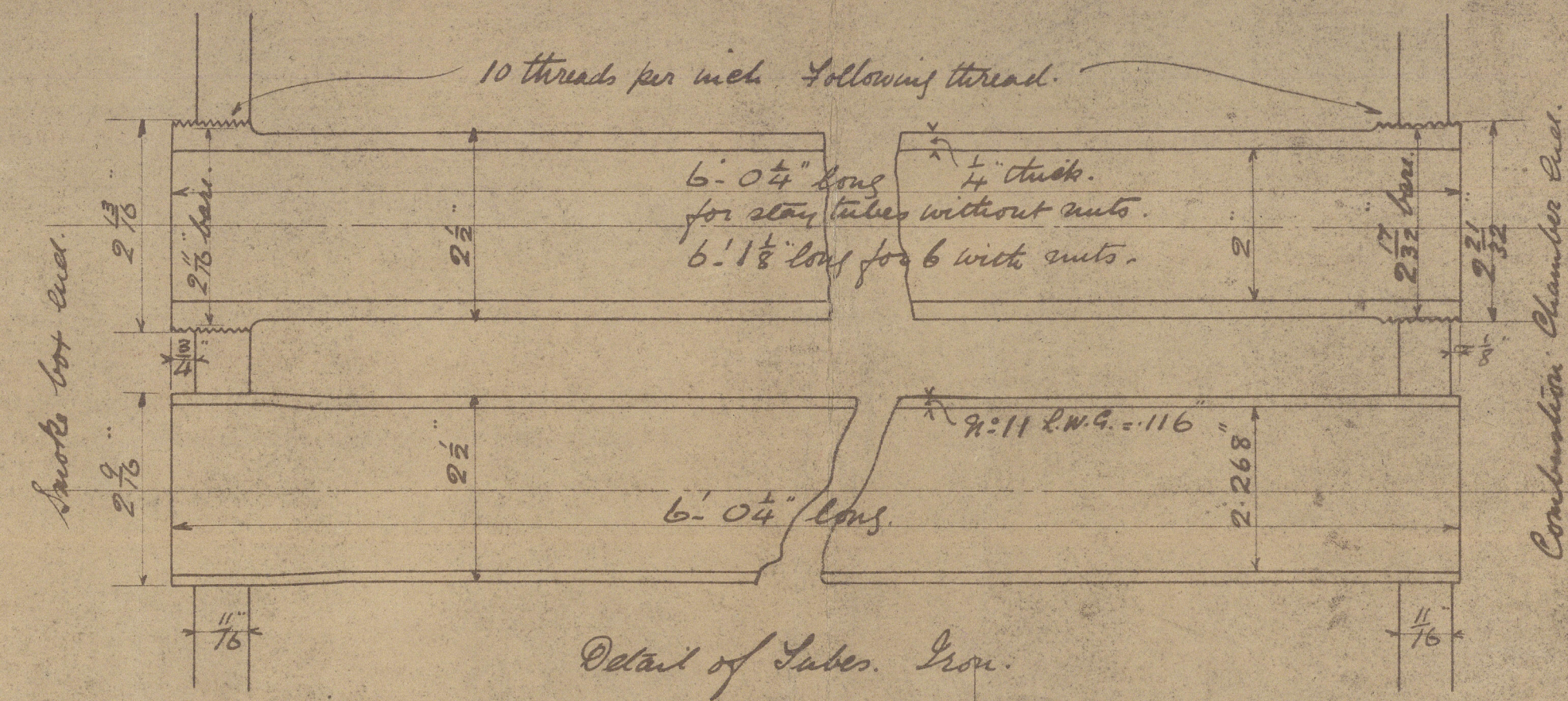
Modified as in red and sent again 28-11-04.



Manhole fitted with M'Neil's patent embossed door, $\frac{3}{4}$ " thick. Approximate position only. Compensation ring $5\frac{1}{2}$ " x $\frac{3}{8}$ " thick. 1" dia. rivets $\frac{1}{16}$ " dia. holes.

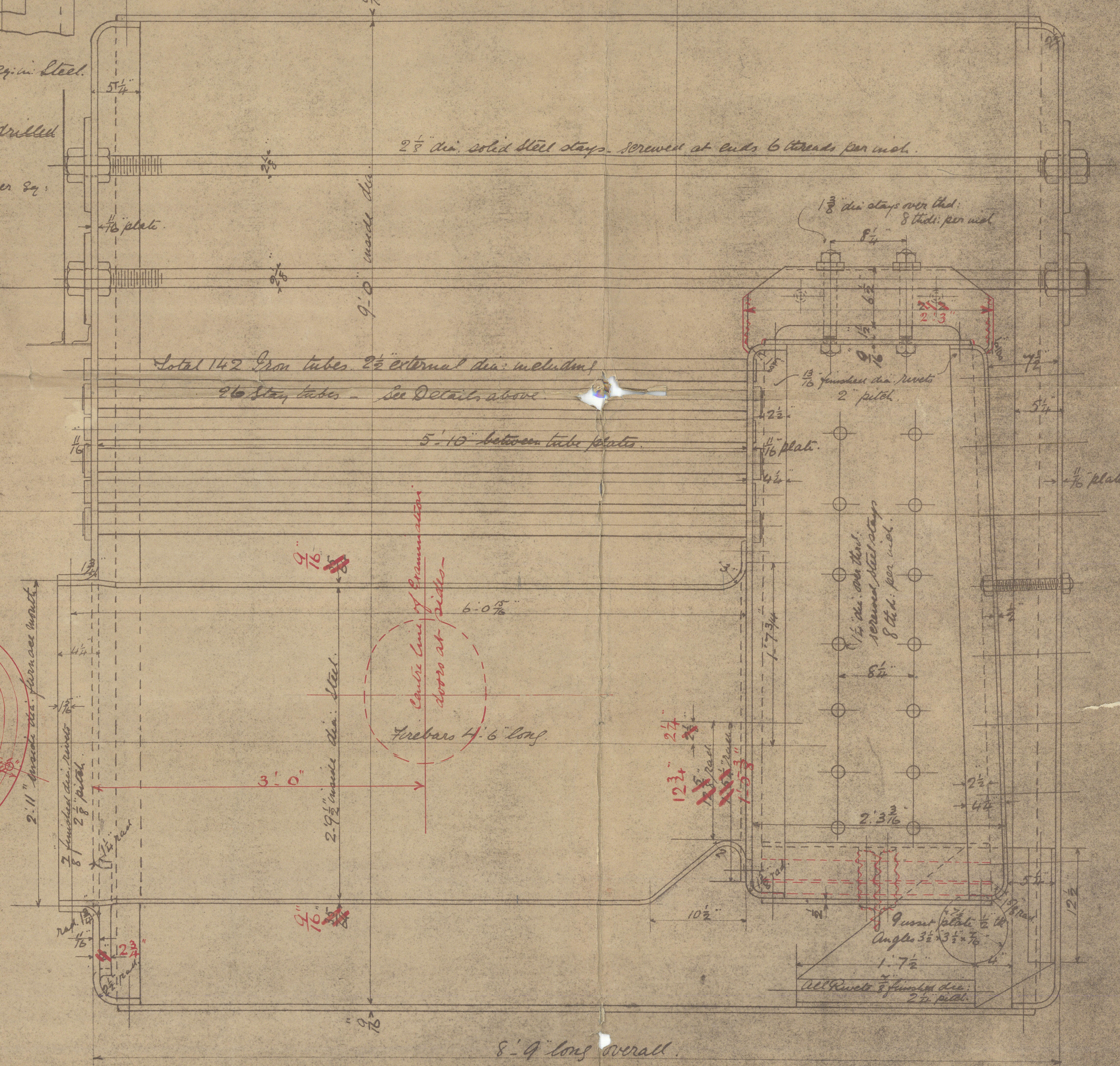


Longitudinal Seam. $\frac{3}{4}$ " finished dia. rivets $4\frac{1}{2}$ " pitch. 5" dia. rivets $\frac{1}{8}$ " dia. holes. 9" dia. rivets $\frac{1}{8}$ " dia. holes. 9" dia. rivets $\frac{1}{8}$ " dia. holes.



Detail of Stay Bar.

Detail of Joint. One plate only in barrel. 29.32 tons per sq. in. steel. Factor of safety, B.T. 4.7. Steel Rivets - all holes to be drilled after bending. Stay Bars 27.32 tons per sq. in. steel.



Coal Bunker Reinforced.

Com. of Examination door.

Coal Bunker Reinforced.

M'Neil's Pat. embossed door $\frac{3}{8}$ " thick with compensating ring 1" thick.

Screwed steel stays in back of combustion chamber $\frac{1}{2}$ " dia. over threads. Where marked thus \odot to be $\frac{1}{8}$ " dia. over threads. Both screwed 8 threads per inch.

Manhole fitted with M'Neil's embossed steel door $\frac{3}{4}$ " thick.

Boiler

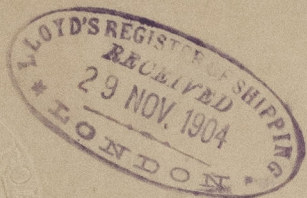
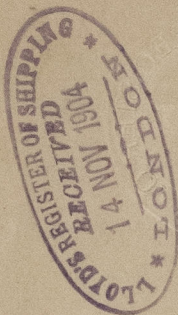
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