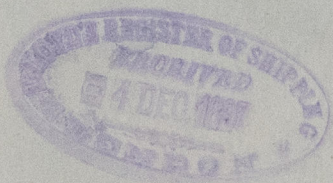


LTH 568-0018

Steel main boiler
for J. Scott & Co
No. 103 vessel
180 lbs



No. 428
Hoyals Lent
860 lbs
J. L.
5/7/98

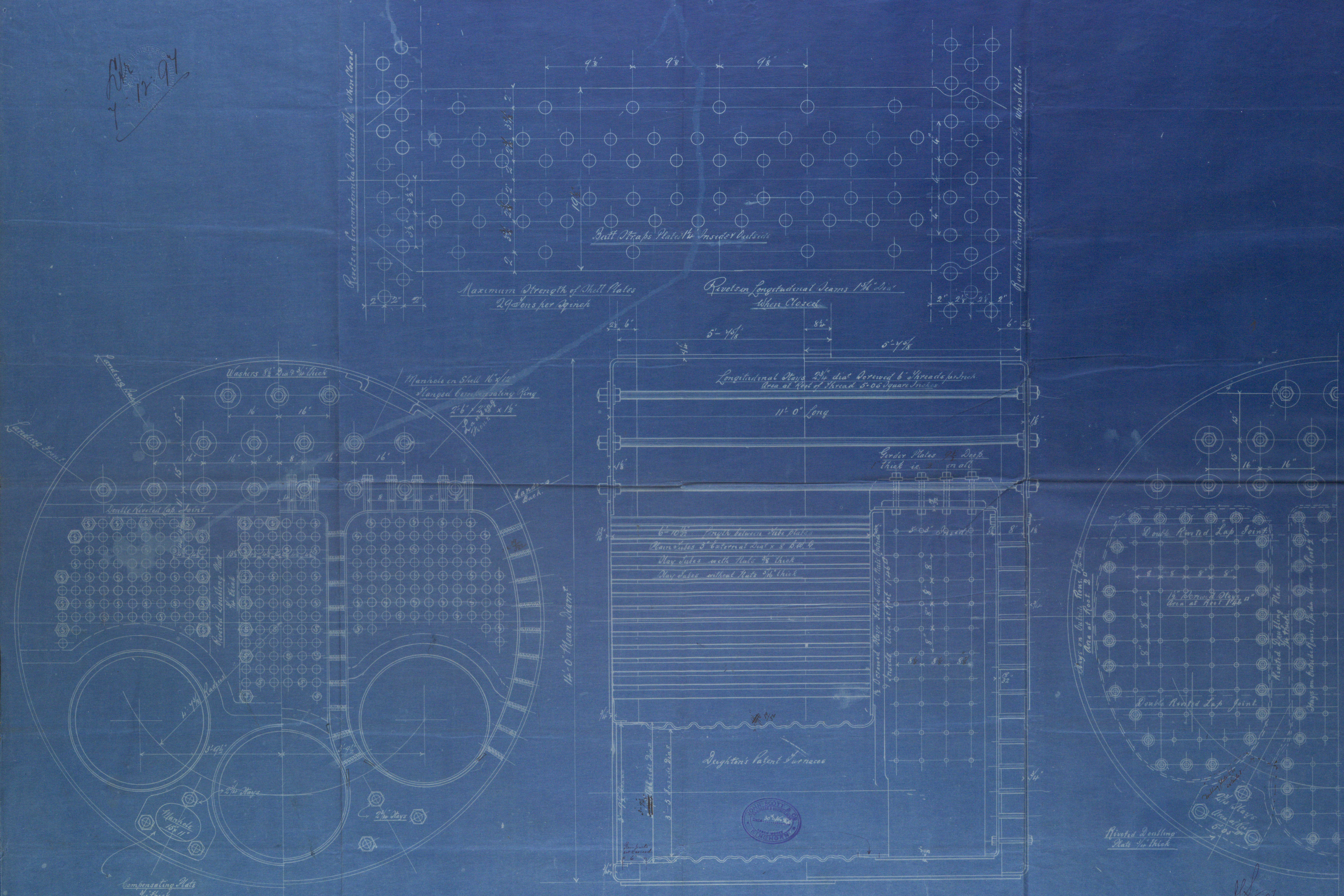
Sd. "May"
Lh. 8668



© 2019

Lloyd's Register
Foundation

2-12-97



Rivets in circumferential seams $\frac{1}{2}$ " when closed

Butt Straps Plate $\frac{1}{2}$ " Inside & Outside

Maximum Strength of Shell Plates
29 tons per sq inch

Rivets in longitudinal seams $1\frac{1}{2}$ " dia
When closed

Rivets in circumferential seams $\frac{1}{2}$ " when closed

Washers $\frac{1}{2}$ " dia $\frac{3}{4}$ " thick

Manhole on Shell $16\frac{1}{2}$ "
Hanged compensating Ring
 $2\frac{1}{2}$ " x $2\frac{1}{2}$ " x $\frac{1}{2}$ "
 $\frac{1}{2}$ " thick

Longitudinal Stays $2\frac{1}{2}$ " dia bored $6\frac{1}{2}$ " threads per inch
Area at Root of Thread 5.06 Square Inches

11' 0" Long

Girders Plates $14\frac{1}{2}$ " dia
1" thick i.e. 2" on all

6" 10 $\frac{1}{2}$ " Length between side plates
Barricades 3" external dia x 8 ft. 4"
Stay tubes with nuts $\frac{1}{2}$ " thick
Stay tubes without nuts $\frac{1}{4}$ " thick

Deighton's Patent Furnaces



Double Riveted Lap Joint

Double Riveted Lap Joint

Riveted Doubler Plate $\frac{1}{2}$ " thick

Compensating Plate
 $\frac{1}{2}$ " thick

— MAIN BOILER NO 103 —
— SCALE 1" = 1 FOOT —

Made of Steel throughout except
tubes which are of iron & have
a Working Pressure of 180 lbs per sq in.

2-12-97

2/12/97

17H 568-0018



Royal Society of Engineers
Foundation