

# STEEL BOILERS

To Lloyd's requirements for a working pressure of 180 lbs. per square inch.

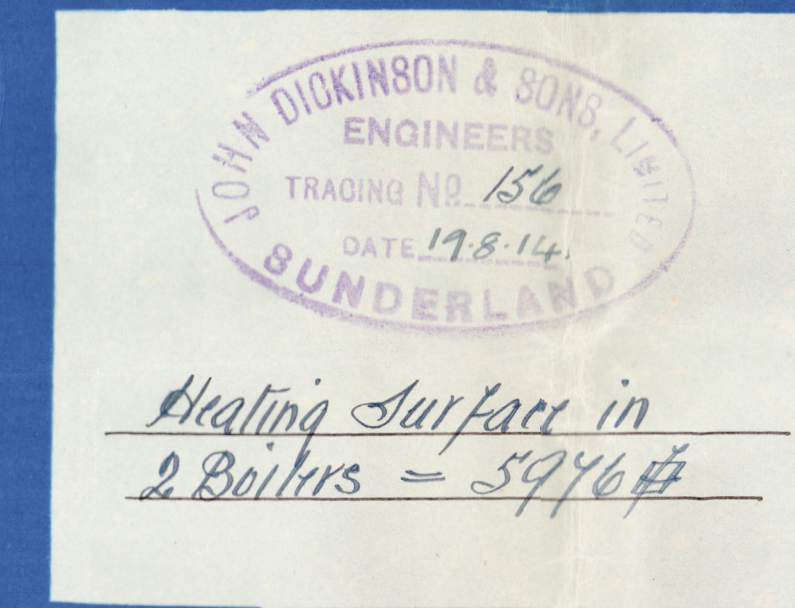
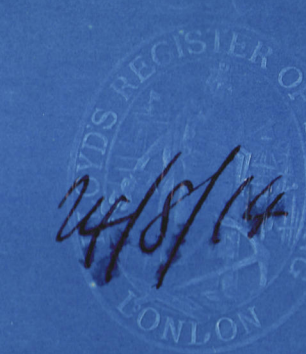
All plates rivets, stays & girders of steel

Tubes of Wrought Iron

SCALE: ONE INCH = ONE FOOT

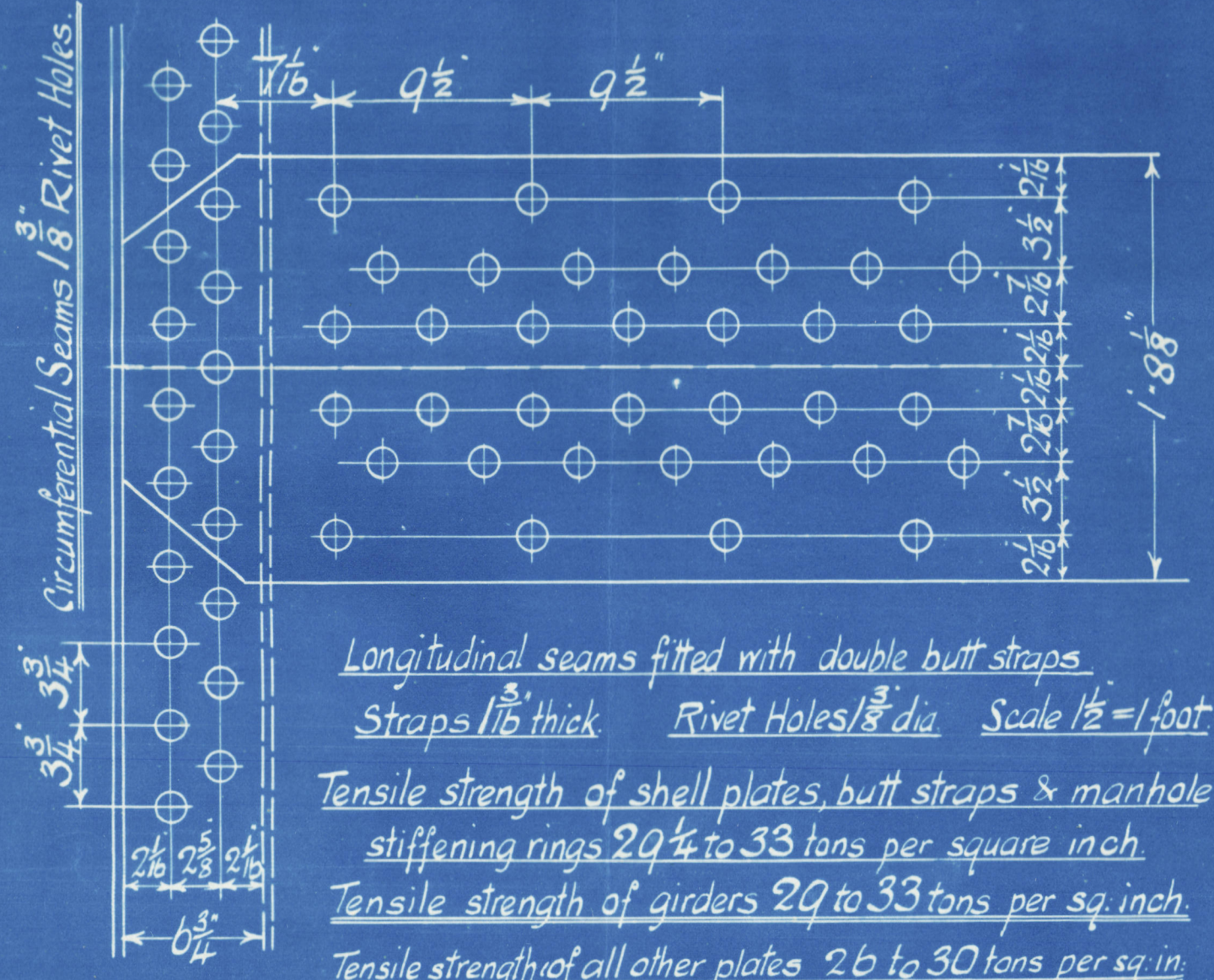
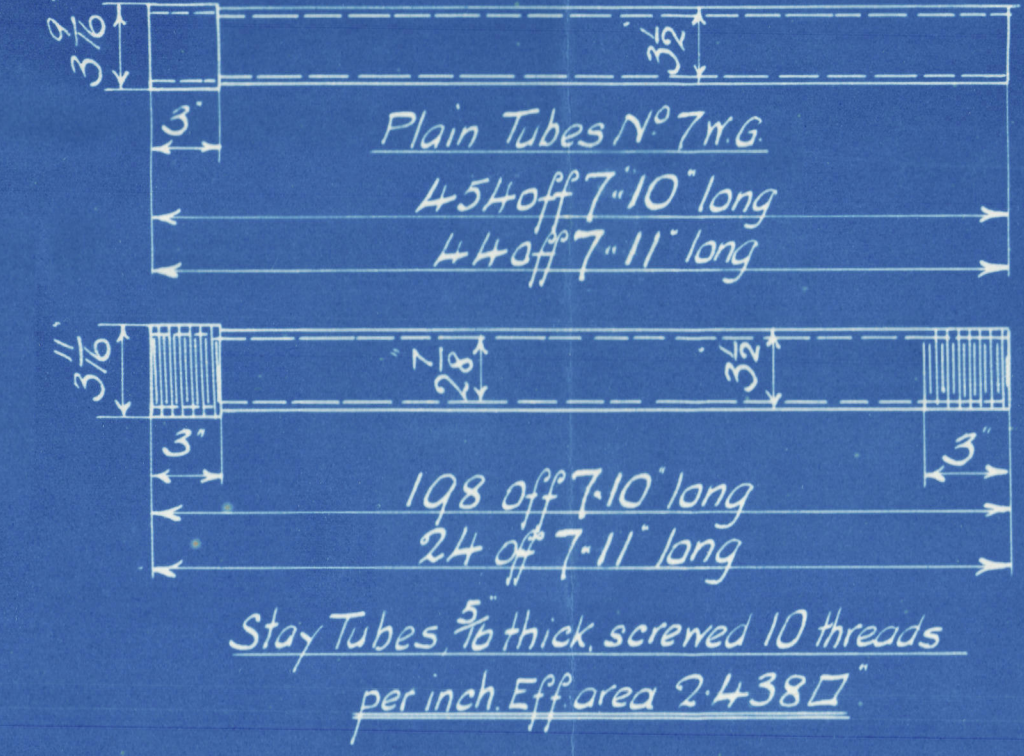
R.R.P.

ENG	DATE	FURNACES
785	2 OFF	Intended for Messrs John Blumer & Coys 7/5 227
786	2 OFF	Intended for Messrs John Blumer & Coys 7/5 228
		Aug. 17 <sup>th</sup> 14 Deighton's Section
		Aug. 17 <sup>th</sup> 14 Deighton's Section



Heating Surface in  
2 Boilers = 5974 sq ft

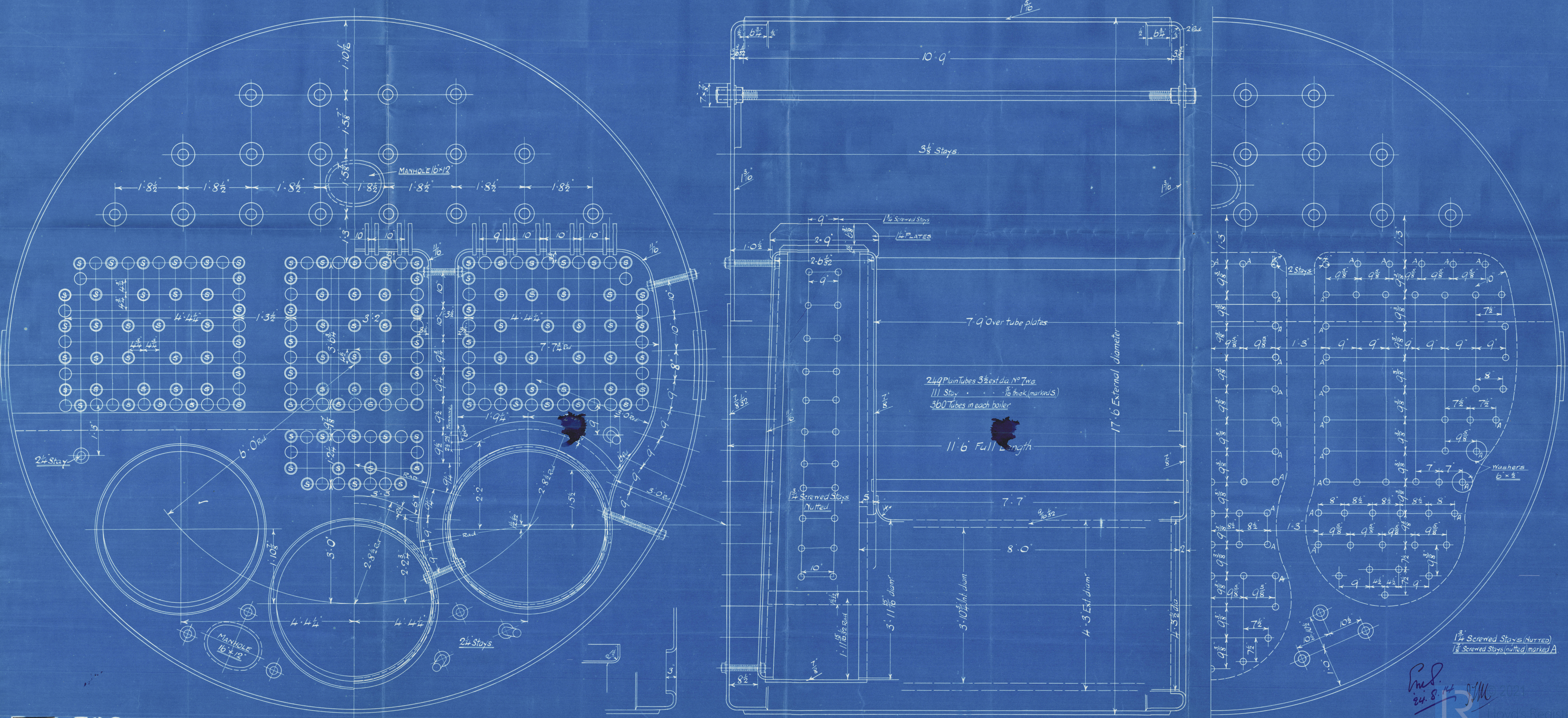
STAYS	DIAM.	EFF. DIA.	EFF. AREA	NO. OF STAYS
26	1 1/4	9	140.78	251
70	1 3/8	9	179.27	255
30	2	9	185.77	260
27	2 1/4	6	203.6	325
32	3 1/8	6	242.8	670



Longitudinal seams fitted with double butt straps.  
Straps 1/16 thick Rivet Holes 1 1/8 dia Scale 1/2" = 1 foot  
Tensile strength of shell plates, butt straps & manhole stiffening rings 20 1/4 to 33 tons per square inch.  
Tensile strength of girders 29 to 33 tons per sq. inch.  
Tensile strength of all other plates 26 to 30 tons per sq. in.

## RIVETING

Front & back seams double riveted 1/16 rivet holes 3 1/2 pitch 5 3/8 lap  
3m Chr longitudinal " " 5/16 " " 2 5/8 " 4 "  
3m Chr & Furnace seams single riveted 5/16 " " 2 1/2 " 2 1/2 "



1 3/4 Screwd Stays (nut red)  
1 3/8 Screwd Stays (nut red) marked A

24.8.14 J.M.  
Lloyd's Register of Shipping  
786-0030

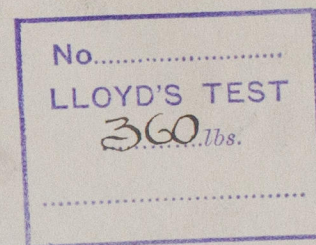


J. DICKINSON & S<sup>rs</sup> LD.

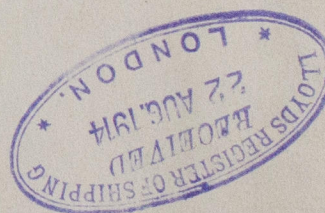
C. No 786.

MAIN BOILERS.

2. OFF.



DUPLICATE No.  
785.



"Shennymoor"

SUNDERLAND RPT. No 26459

J BLUMERS. 228 1/2.

RETAIN



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Lloyd's Register  
W756 - 0030  
Foundation