

STEEL BOILER

DRAWING N°1265

Enclosure from
MACCOLL & POLLOCK, Sunderland,
To Lloyd's Register of Shipping

SCALE 1 INCH = 1 FOOT

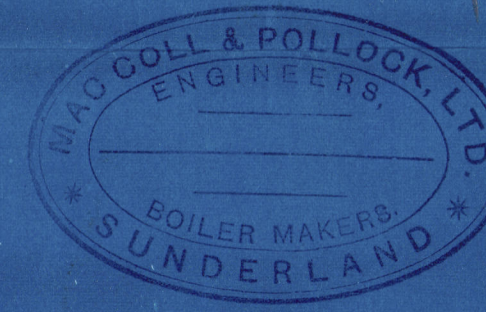
TO PASS LLOYD'S SURVEY

13-3 INSIDE DIAMETER. 10-0 OUTSIDE LENGTH

130 LBS WORKING PRESSURE 260 LBS TEST PRESSURE

PARTICULARS OF MATERIAL		
DESCRIPTION	MATERIAL	TENSILE STRENGTH
SHELL PLATES AND BUTT STRAPS	STEEL	28 $\frac{1}{2}$ TO 32 TONS
ALL OTHER PLATES	STEEL	26 TO 30 TONS
MAIN STRAYS	STEEL	27 TO 32 TONS
SCREWED STRAYS	STEEL	26 TO 30 TONS
PIVETS	STEEL	26 TO 30 TONS
TUBES	IRON	

10th Jan 05



HEATING SURFACE

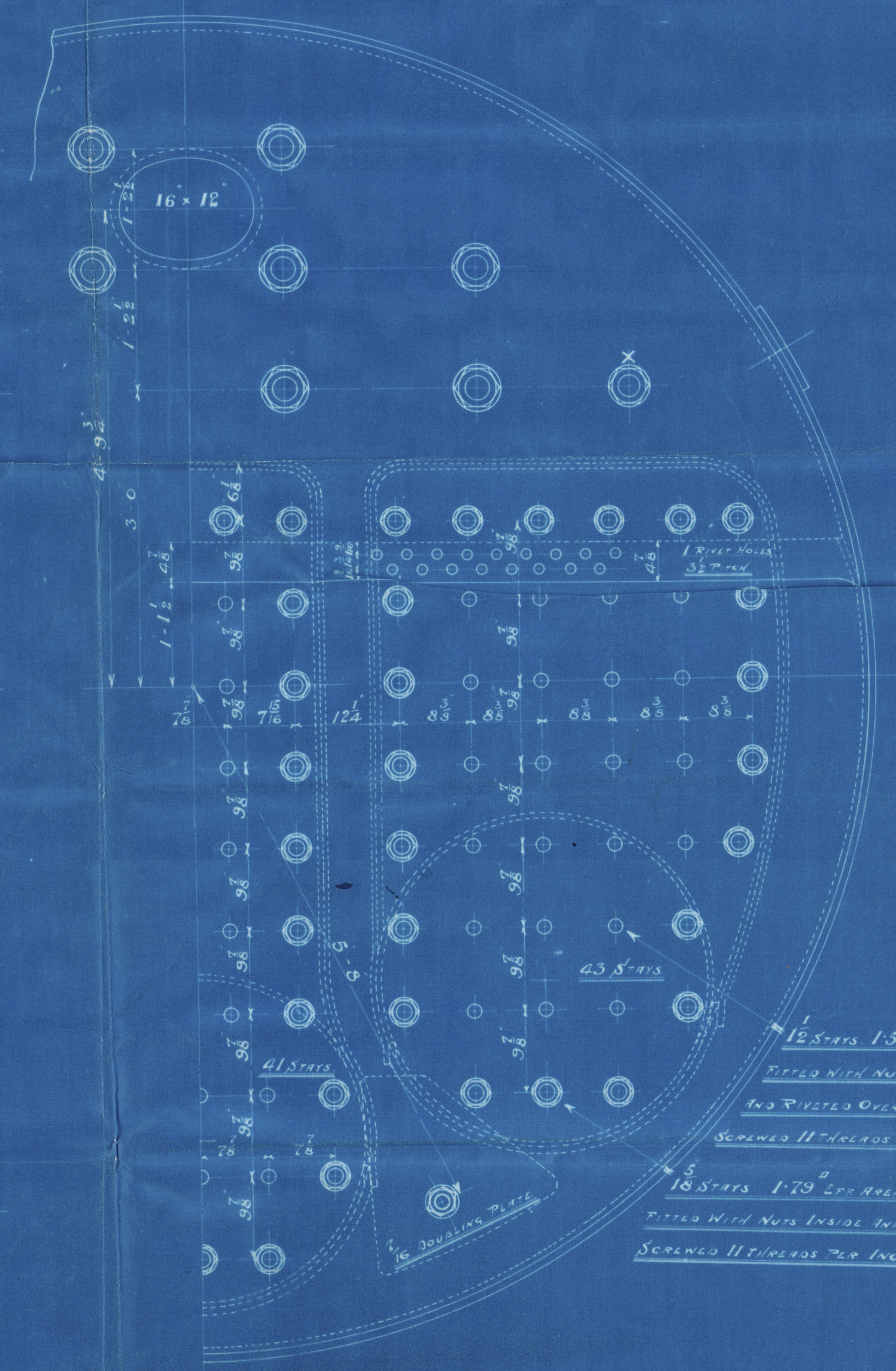
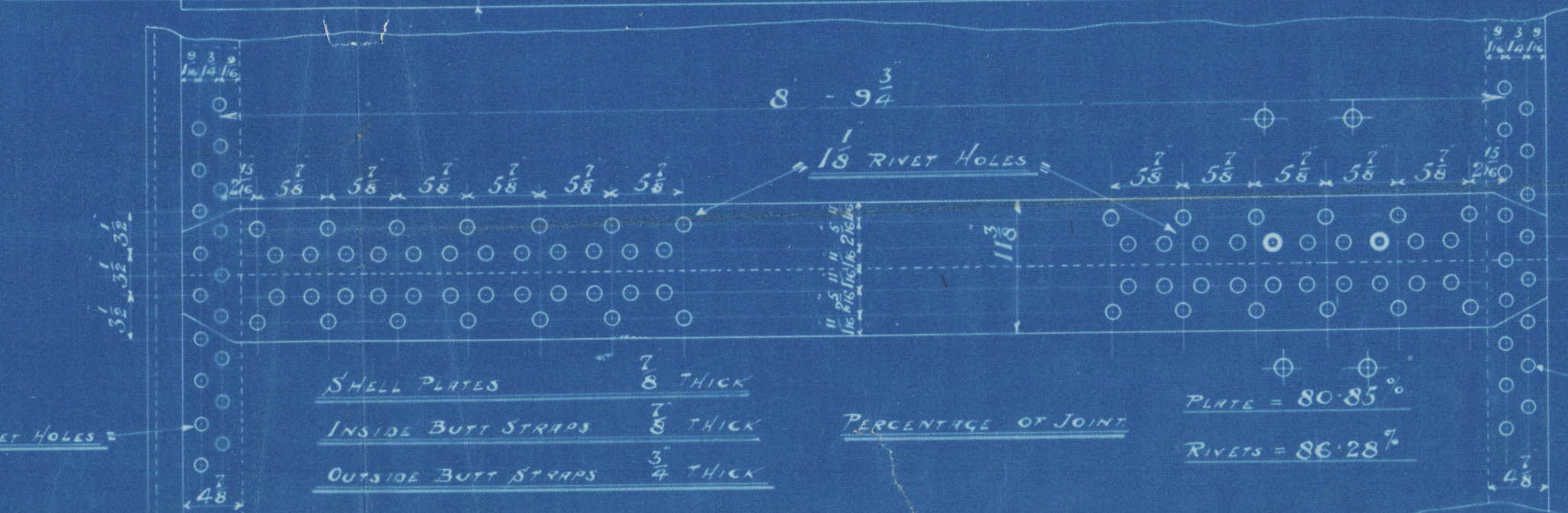
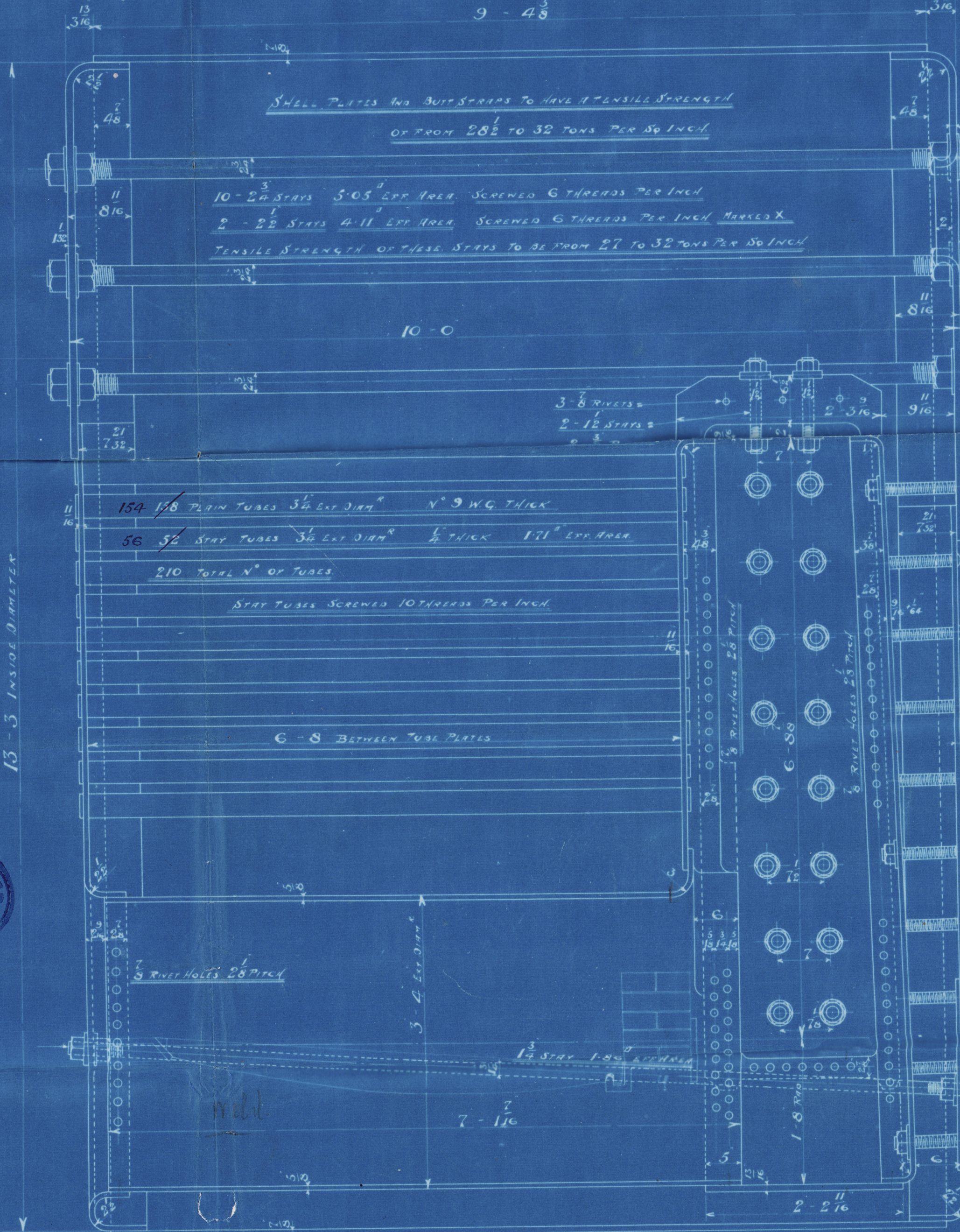
TUBES	1191.12
FURNACES	104.72
FRONT TUBE PLATE	26.10
BACK TUBE PLATES	34.22
COMBUSTION CHAMBERS	162.03
TOTAL	1518.19 SQ FEET

GRATE SURFACE (5-3 BAR) = 50.86 $\frac{1}{2}$ RATIO $\frac{4.3}{11.3} = \frac{1}{2.63}$

LLOYD'S HEATING SURFACE = 1492.03 SQ FEET

SECTION THROUGH CHAMBER

SHOWING STRAYS THROUGH SHELL



CONTRACT N° 146

Loole D.F. Co. No 46
Maceoll & Pollak C146

1 Blt.

No 2383
Lloyds Test
260 lbs.
26/5/05
ab



$\frac{7}{8}$ "Sunrise"
Sld. F. E. No. 22311.

Hull

17001

RETAIN



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Lloyd's Register
Foundation