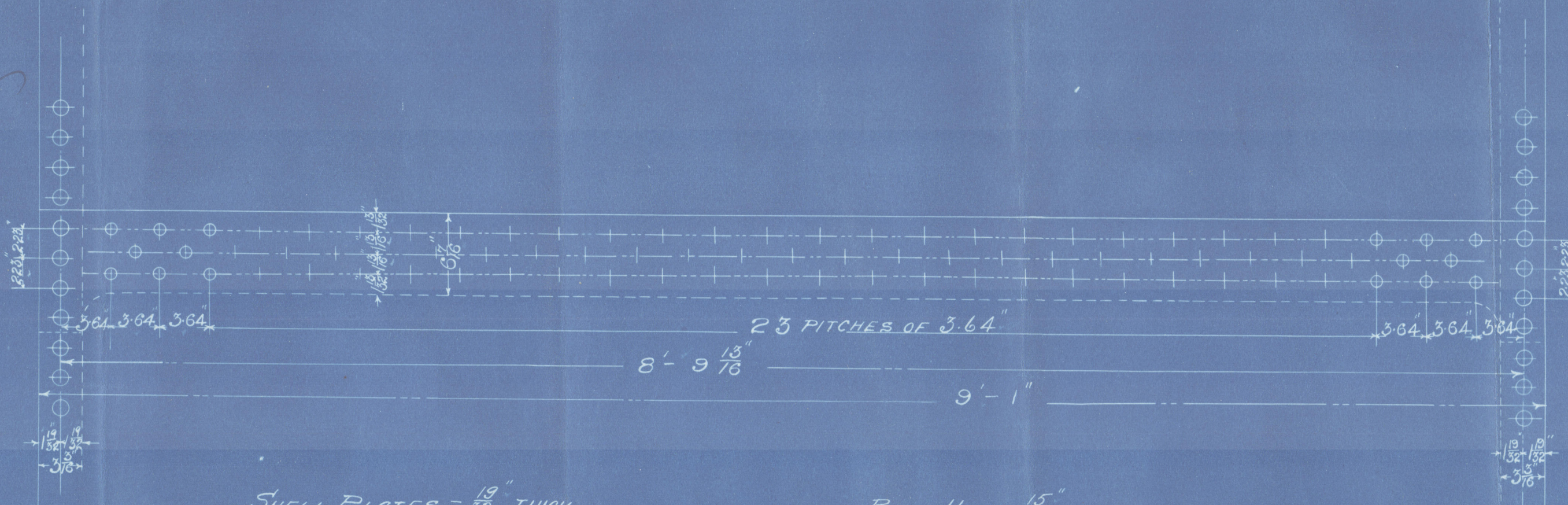


REGISTERED
29.10.98
LONDON

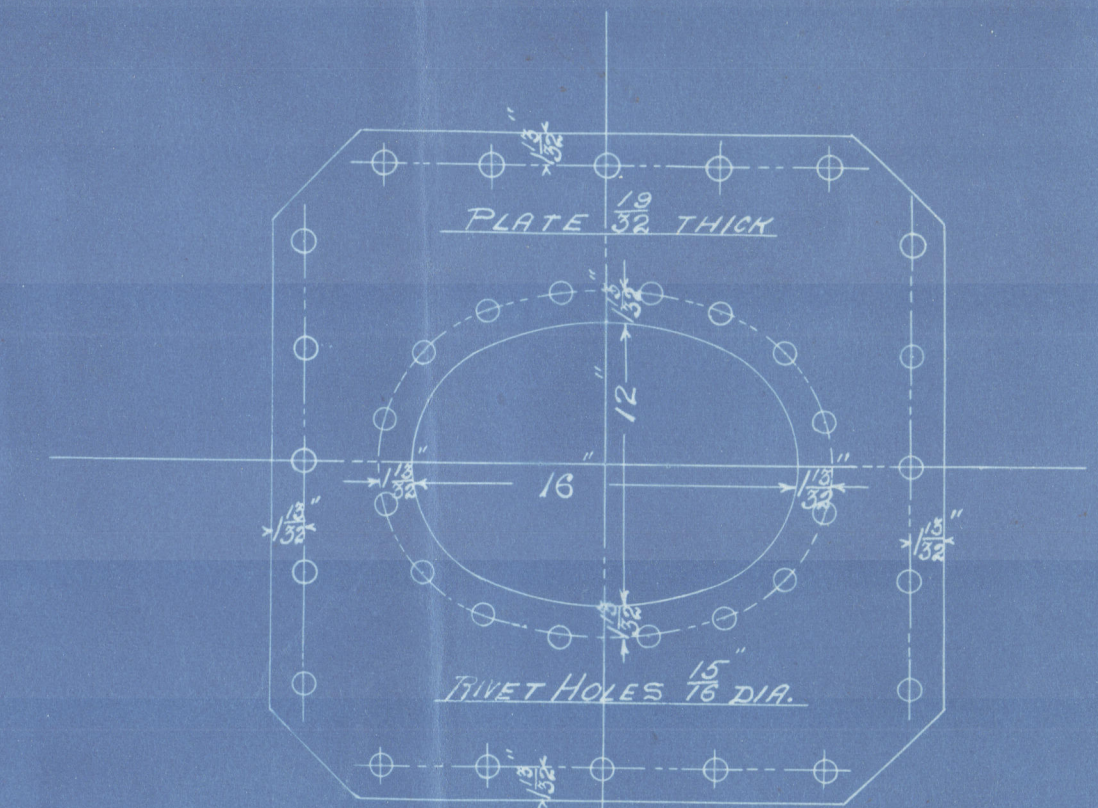
THICKNESS OF PLATES	
SHELL OF BOILER	$\frac{19}{32}$ " STEEL
TOP FRONT & BACK	$\frac{3}{8}$ "
BOTTOM FRONT	$\frac{3}{8}$ "
BOTTOM BACK	$\frac{3}{8}$ "
FURNACES	$\frac{3}{8}$ "
BACK TUBE PLATE	$\frac{3}{8}$ "
SIDES & TOP OF FIREBOXES	$\frac{15}{16}$ "
BOTTOM OF do	$\frac{3}{4}$ "
BACK OF do	$\frac{3}{8}$ "
DOUBLING ON FRONT TUBE PLATE	$\frac{15}{16}$ "
do ON BOT. BACK	$\frac{3}{8}$ "
do FOR MANHOLE ON TOP	$\frac{15}{16}$ "

HEATING SURFACE	
34 TUBES $3\frac{1}{4}$ " EXT. DIA. X 6' 9" LONG	539.83 sq ft
FIREBOXES	67 sq ft
FURNACES	60 sq ft
TOTAL	666.83 sq ft
GRATE SURFACE	30.41 sq ft

Rivet Holes in Circum. Count 176 Diam.

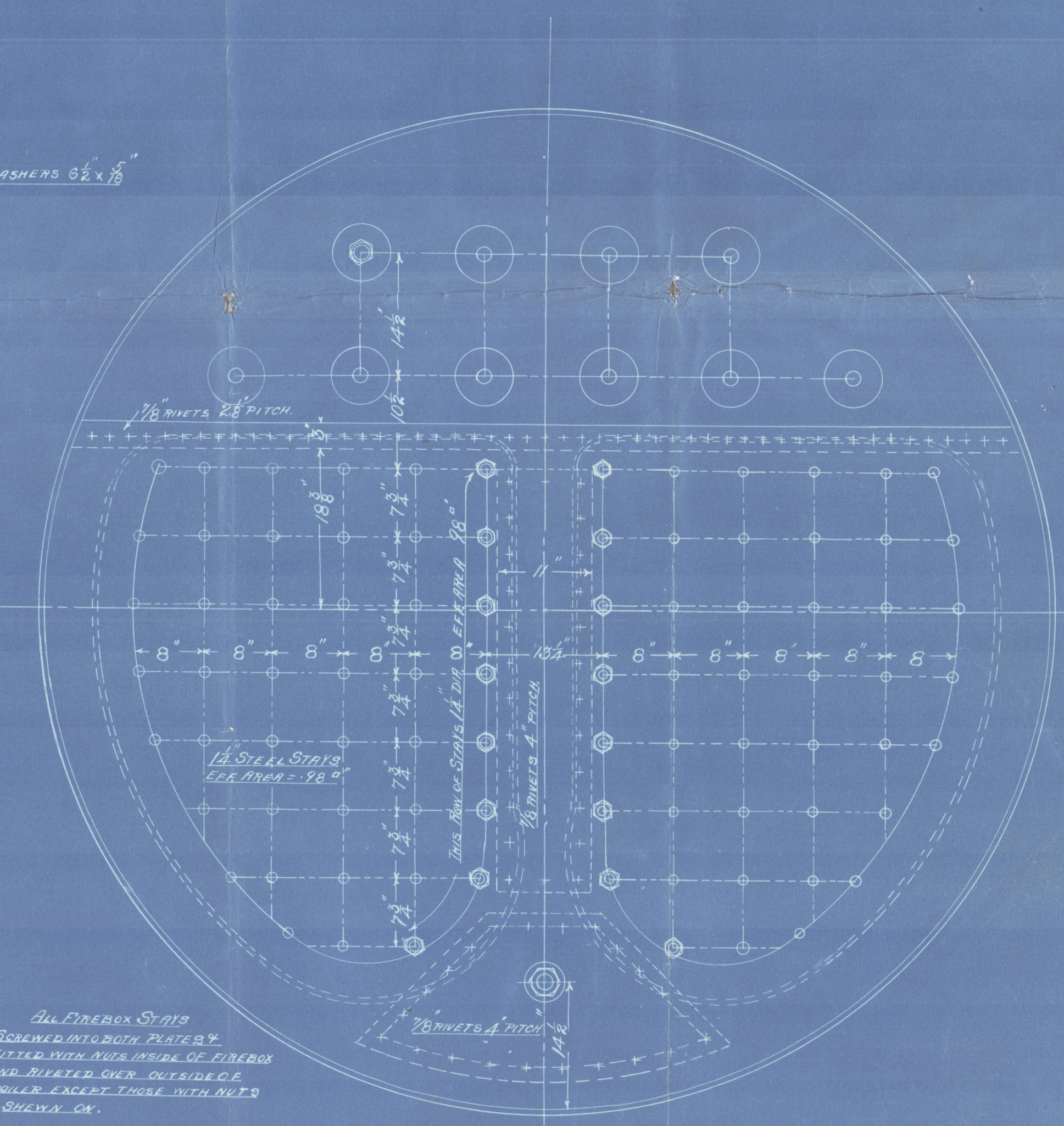
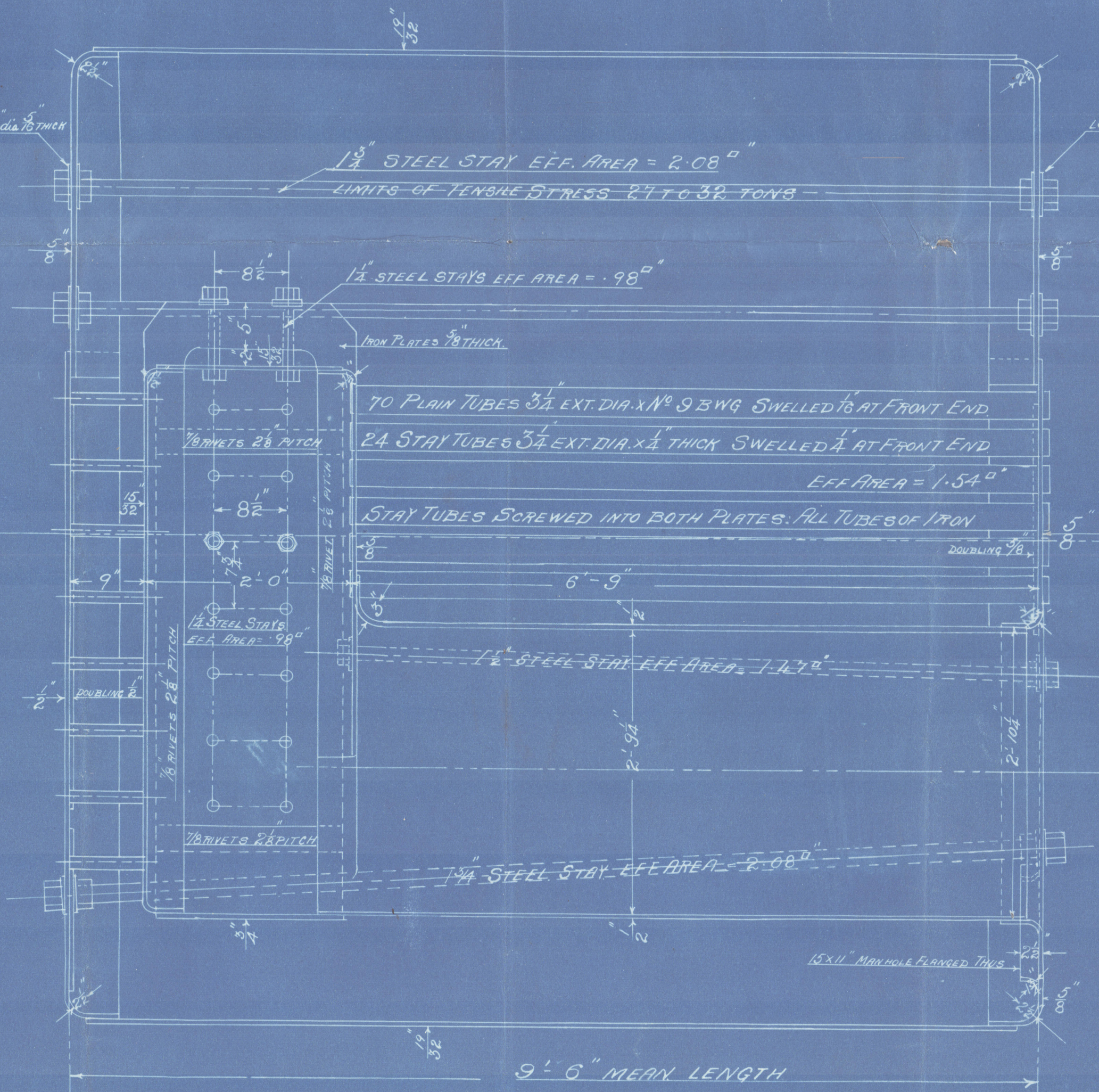
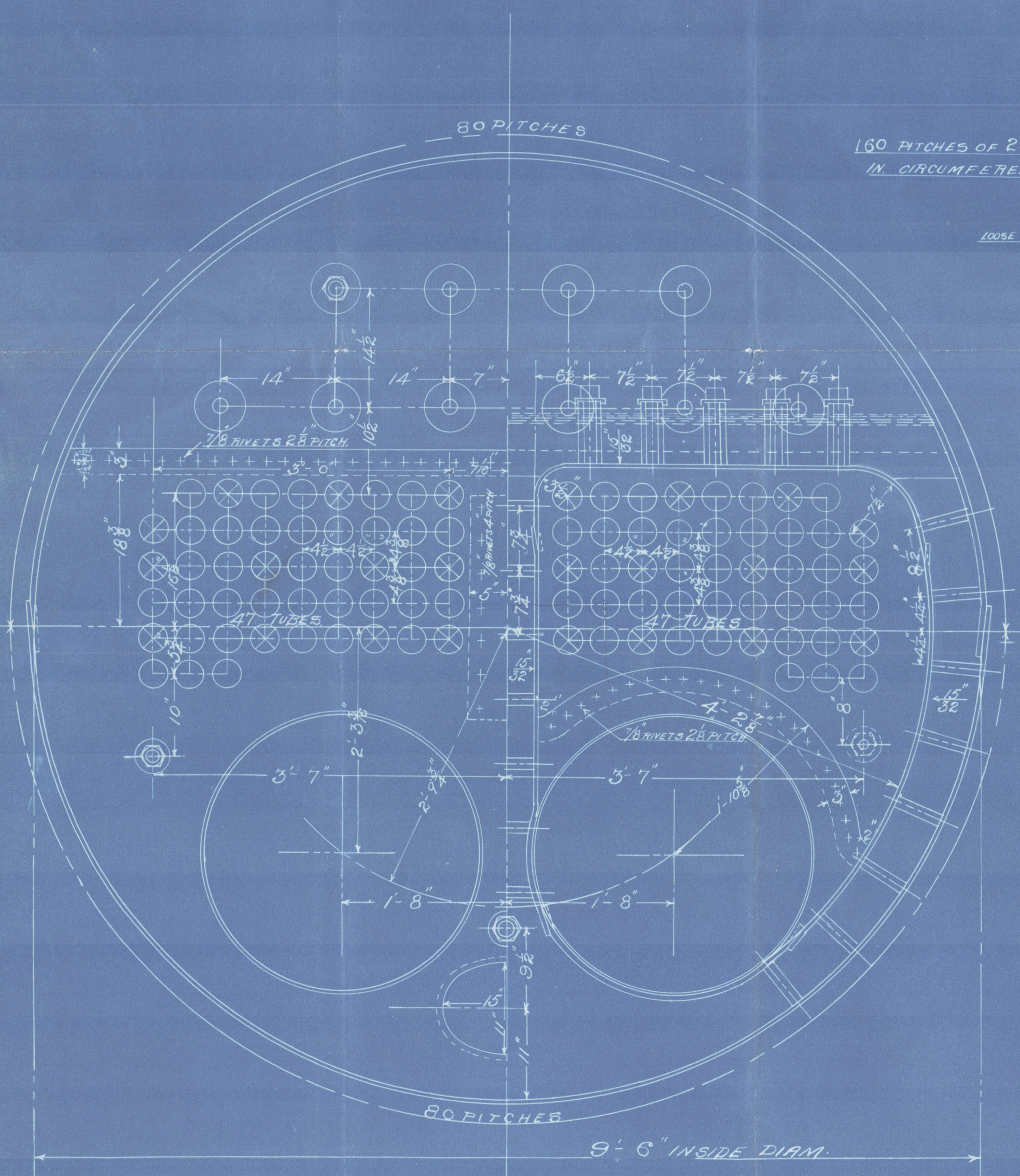


Rivet Holes in Circum. Count 176 Diam.



COMPENSATING PLATE FOR MANHOLE ON TOP

SHELL PLATES - $\frac{19}{32}$ " THICK
ALL PLATES AND RIVETS OF STEEL
PERCENTAGE OF PLATE 74.75
RIVET HOLES $\frac{15}{16}$ " DIA. DRILLED IN PLACE
LIMITS OF TENSILE STRESS OF SHELL 28 TO 32 TONS
PERCENTAGE OF RIVET 82



ALL FIREBOX STAYS
SCREWED INTO BOTH PLATES &
FITTED WITH NUTS INSIDE OF FIREBOX
AND RIVETED OVER OUTSIDE OF
SHELL EXCEPT THOSE WITH NUTS
SHOWN ON.

CRD 26/10/98
28.10.98

WORKING PRESSURE 90 LBS

DONKEY BOILER NO 319

SCALE INCH TO THE FOOT

M 2899 tracing

21/10/98

Donkey Boils
D Rowan & Son. 319.
St Claverdon
of London.

~~Geo Rpt. No 1739~~
Grk 1555.

GRK348-0071



© 2021

Lloyd's Register
Foundation