

2 STEEL BOILERS N^o A 188.

Working Pressure = 180 lbs per sq inch (Boiler of Plate & Tubes)

Test Pressure = 360 lbs per sq inch

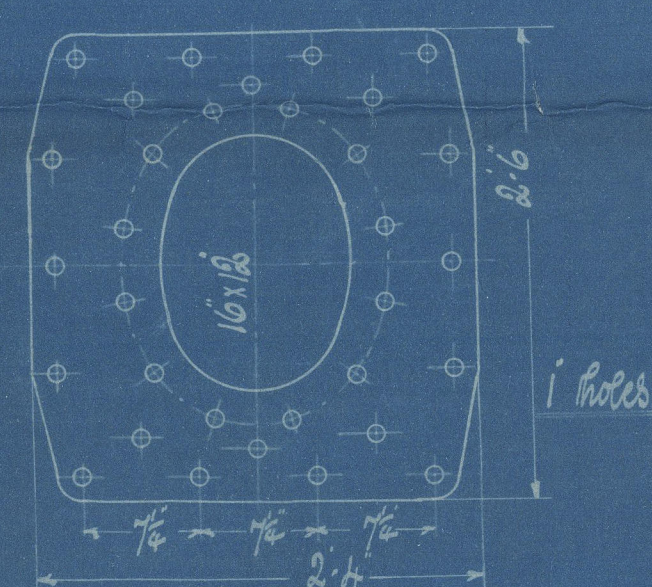
Scale 1 Inch = 1 Foot

31/8/14

Note!

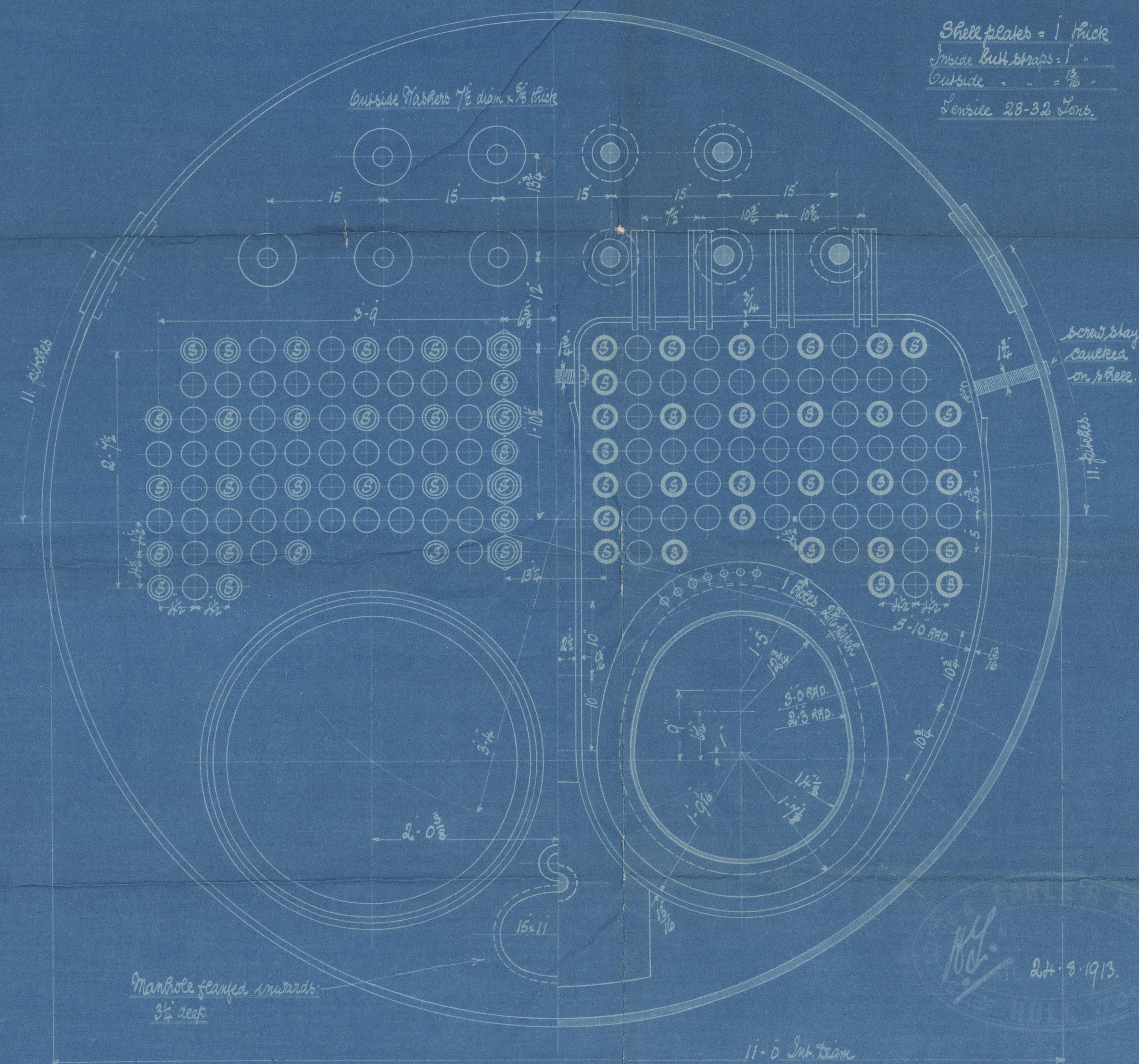
All plates, rivets & stay bolts to be of Siemens Martin Steel
All rivet holes to be drilled in place after the plates are bent
All stay bolts to be annealed after bending
The screw stays are 1 1/4 x 1 1/2 effective diam. screwed into both
plates & nutted at steam (screwed 10 threads per inch)
at Manhole in space 16 x 16 with shorter nuts longitudinally
and a doubling plate 2'6" x 2'4" x 1 thick fitted round it

Doubling Plate round Manhole
1 thick



Shell plates = 1 thick
Inside butt straps = 1
Outside " " = 1 1/2
Girths 28-32 Long.

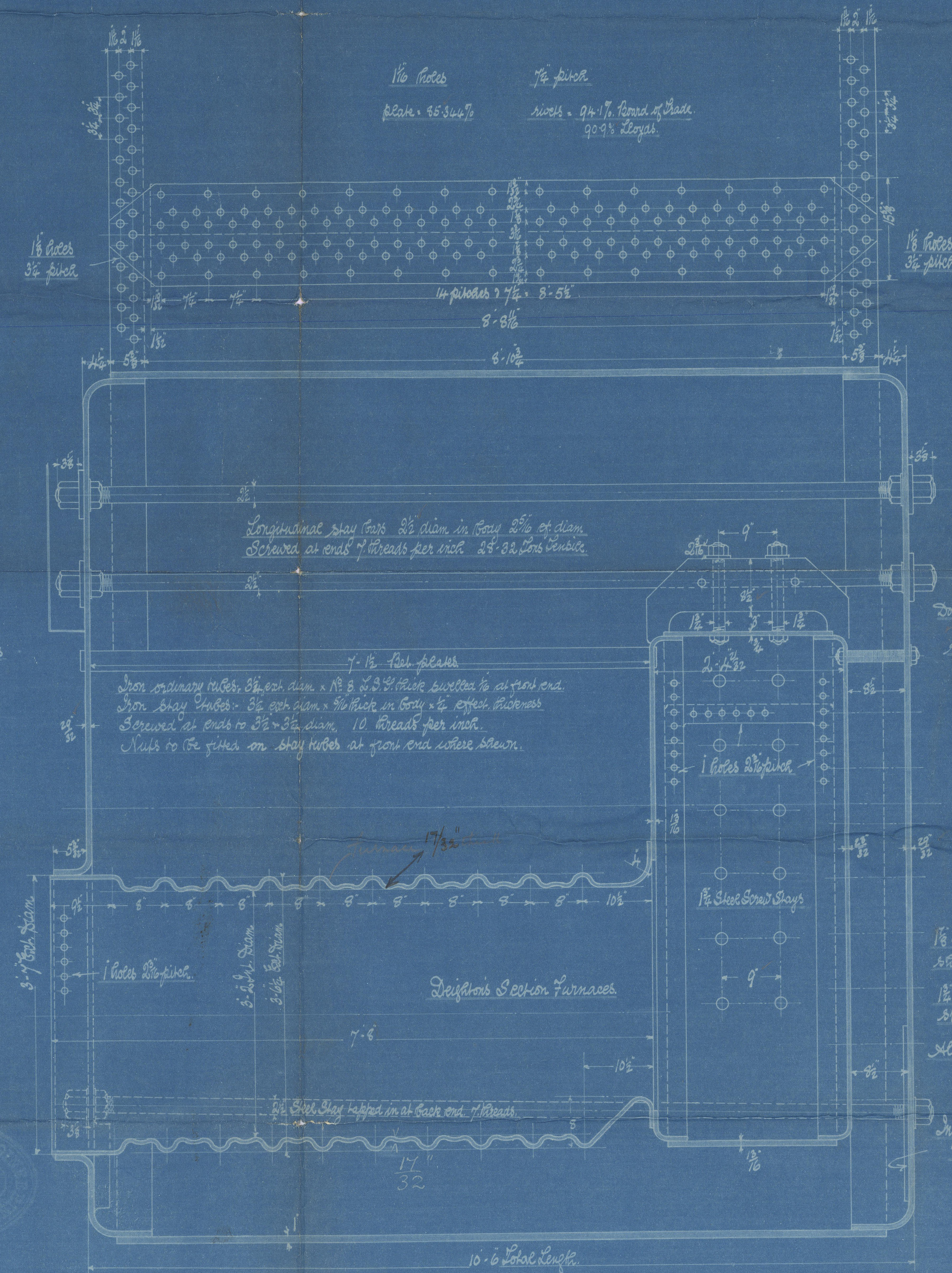
Outside Washers 7/8 diam x 5/8 thick



Manhole flange, standard:
3/4 deep

11'0" Int. diam.

24.8.1913.



1 1/2 plates

Scale = 35 3/4

1/4 plates

ribs = 94 1/2 round of plate
90 9/2 legs

1 1/2 plates
3/4 plates

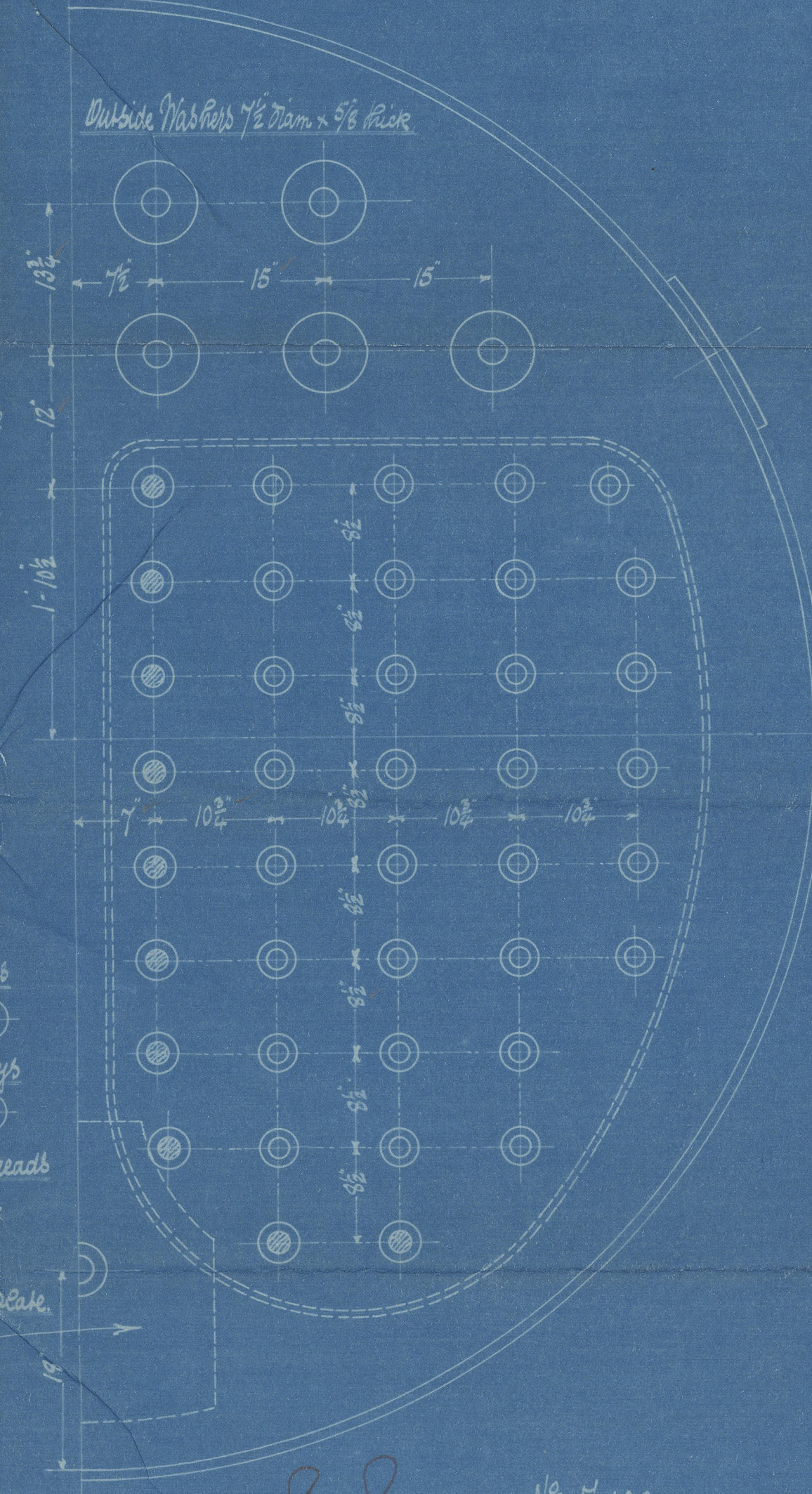
1 1/2 plates
3/4 plates

Longitudinal stay bolts 3/8 diam in body 5/16 at diam
Screwed at ends 7 threads per inch 28-32 Long.

Iron ordinary tubes 3/8 diam x 1 1/2 x 3/4 tube welded to at front end.
Iron stay tubes 3/8 diam x 1 1/2 in body x 1/2 effective diam.
Screwed at ends to 3/8 x 3/4 diam. 10 threads per inch.
Nuts to be fitted on stay tubes at front end where shown.

Deigh's Section Furnaces

Outside Washers 7/8 diam x 5/8 thick



Double Steel Plates
3/8 x 1/2 thick
Screwed together

1 1/2 Steel Screw Stays
Screwed into

1 1/2 Steel Screw Stays
Screwed into

All screwed 10 threads
per inch

Inside doubling plate
1/2 thick

31.8.14

N^o H. 188.



N^o 5599

Lloyds.

Charles A 188
2 Books.

W.P. 18016

St Island Queen
Hull Rpt No. 29246



n/n "H
Joyner



703107
Lloyd's test
300 lbs
22-10-15 FLS

W394-20250

Lloyd's Register
Foundation