

STEEL BOILERS

N^o 599-600.

Working Pressure = 180 LBS per sq. in.
Test " = 360 " " "

Scale 1" = 1 Foot

Note:

All plates with a stay face to be of Siemens Martin Steel.
All rivet holes to be drilled in place after the plates are bent.
All flanged plates to be annealed after flanging.
The screw stays are 1 1/2" for 1/2" of diam. screwed into both
heads and riveted as shown. (screwed 10 threads per inch)

Shell plates = 1/2" thick
Outside Rivet Straps = 1/4"
Inside " " = 1"
Longitudinal steel stays 5" diam in body 3 1/2" of diam.
Screwed at ends 7 threads per inch 28 to 32 Longitudinal

Screw stays fitted with
nuts & washers

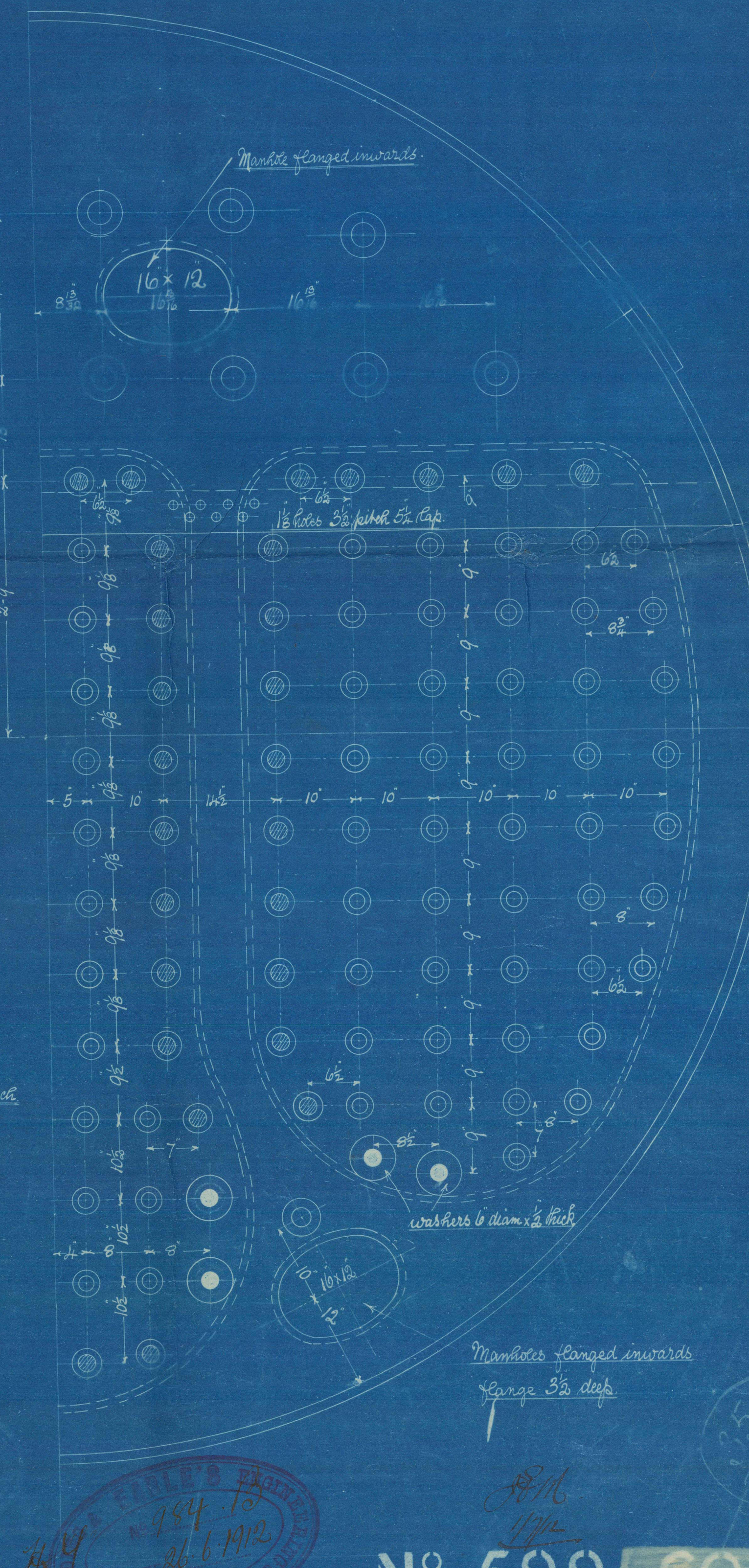
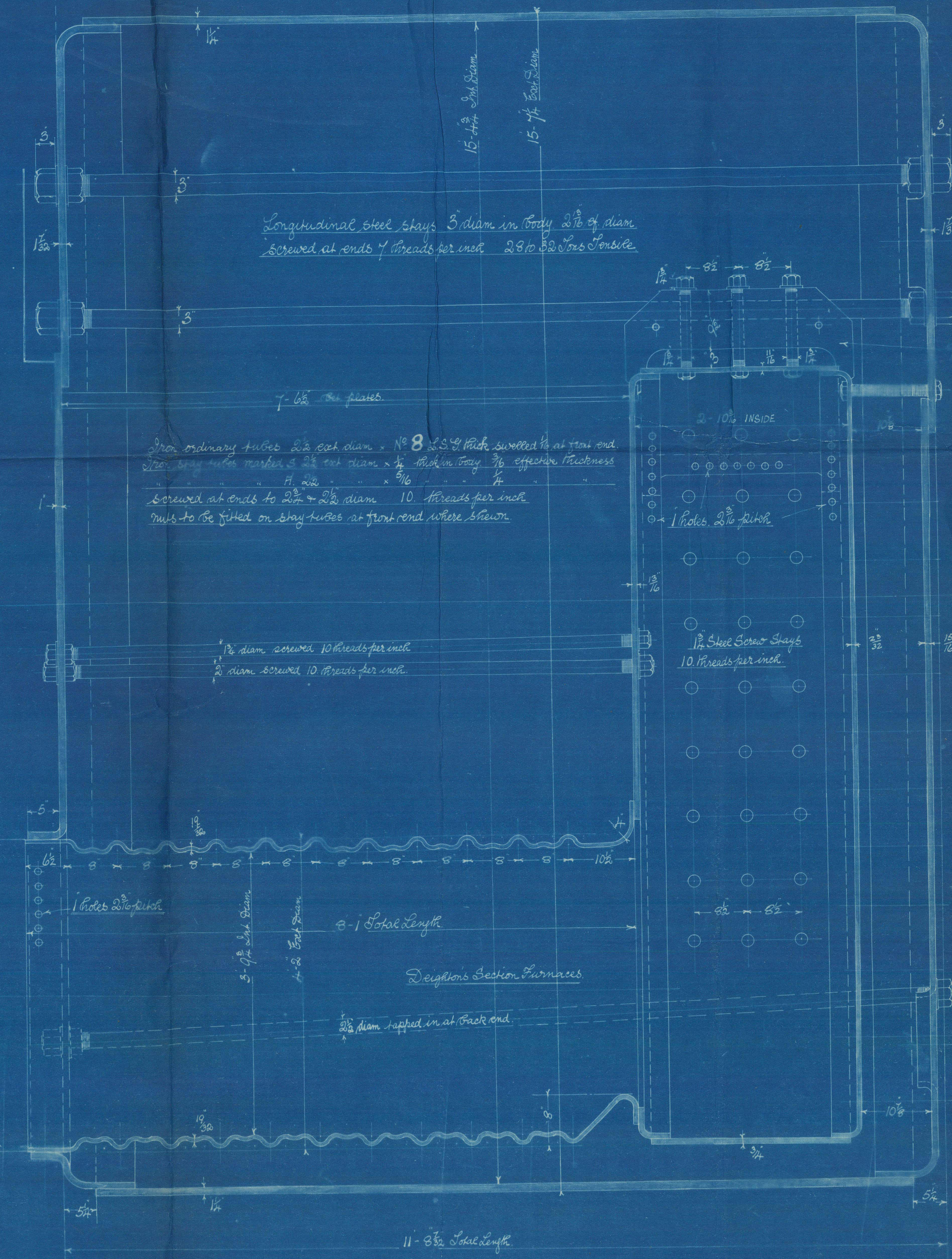
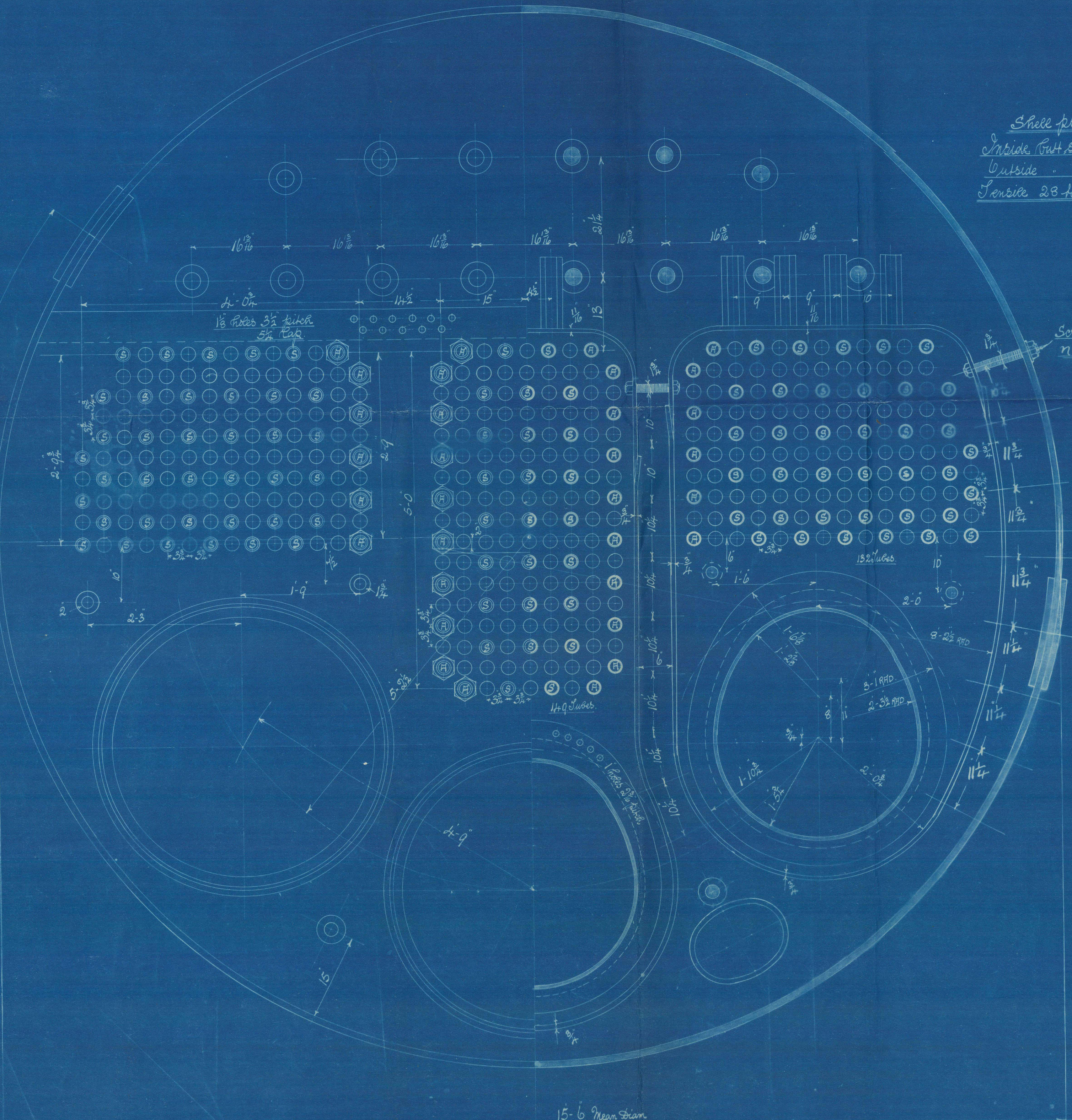
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1 1/2" holes
3 1/2" pitch

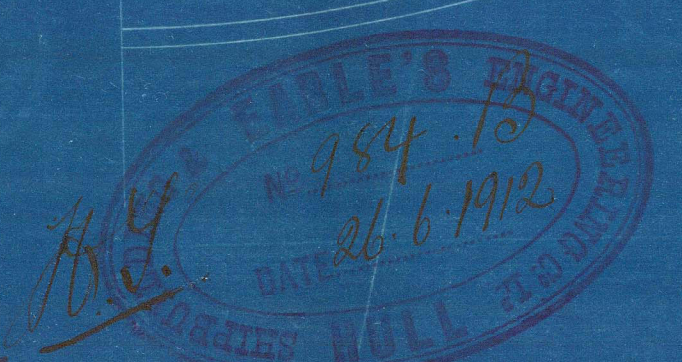
7/8" holes
7" pitch

DIMENSIONS

	1 Boiler	3 Boilers
LENGTH OF FIRE WARE	5'-6"	5'-6"
AREA OF FIRE GRATE	63 sq. ft.	189 sq. ft.
DIAM OF TUBES OUTSIDE	2 1/2"	2 1/2"
LENGTH OF TUBES	7'-6"	7'-6"
N ^o OF TUBES	1239	1239
AREA THROUGH TUBES	100 sq. ft.	300 sq. ft.
SURFACE OF TUBES	2039 sq. ft.	6117 sq. ft.
TOTAL HEATING SURFACE	2142 sq. ft.	6416 sq. ft.
WORKING PRESSURE	180 LBS per sq. inch	180 LBS per sq. inch



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N^o 599-600.

AMENDED PLAN

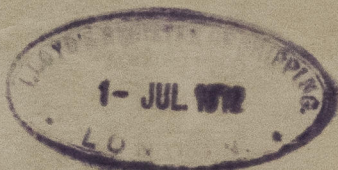
EARLE'S S.B. & E. CO.

N^o 599

WORKING PRESSURE 180 LBS

1/2 Sagoland

Hull Report No. 26337.



Starboard

1978
Lloyd's test
360 lbs
25-4-13 F.L.S.

Centre

1980
Lloyd's test
360
5-5-13 F.L.S.

Port

1983
Lloyd's test
360
8-5-13 F.L.S.

RETAIN

W1059-0250



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Lloyd's Register
Foundation

AMENDED PLAN

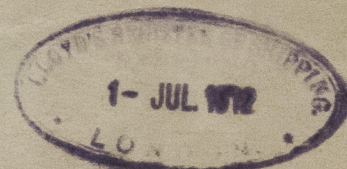
EARLE'S S.B. & CO.

N° 599

WORKING PRESSURE 180 LBS

1/2 Sagoland

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Lloyd's test
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RETAIN

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