

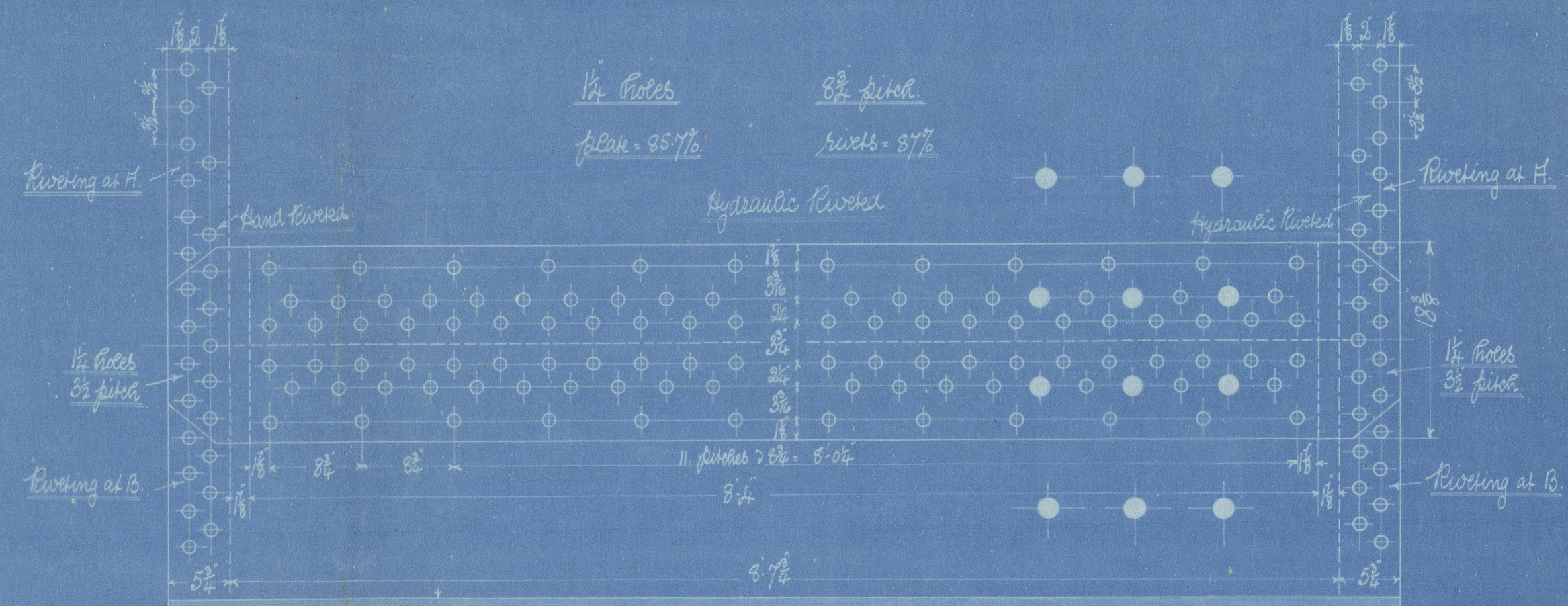
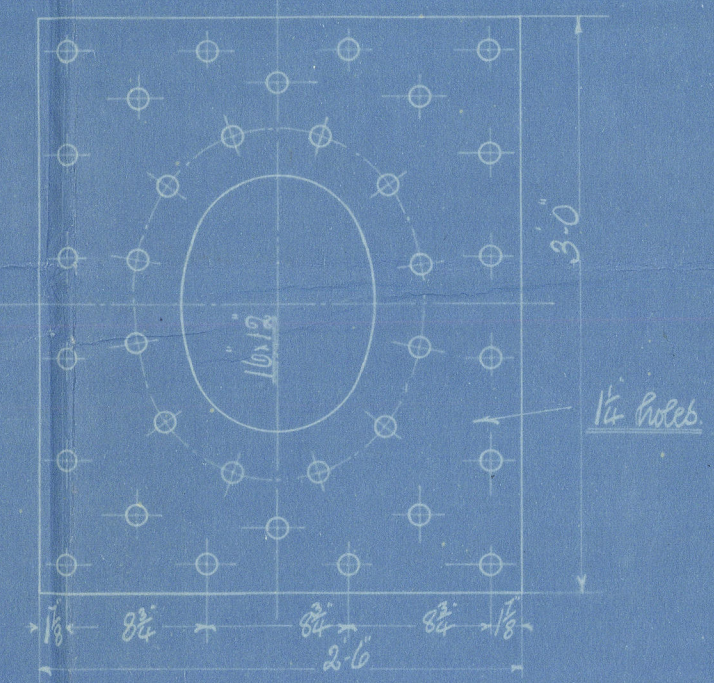
10/3/14

STEEL BOILERS N^o A 179-80

Working Pressure = 200 lbs per sq inch (Lugs)
Test Pressure = 400
Scale 1 inch = 1 foot

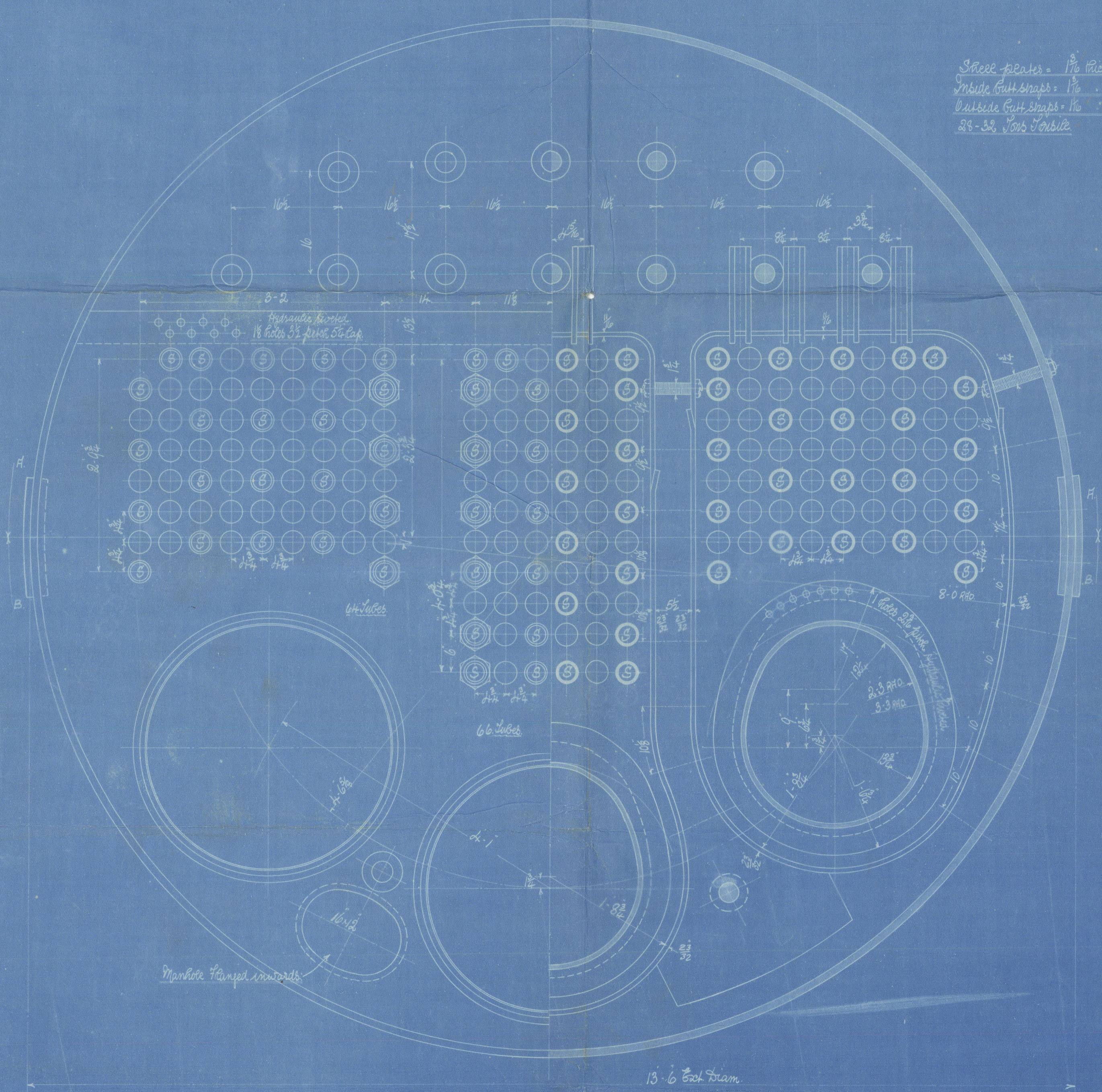
Note:
All plates rivets & stay bars to be of Siemens Martens Steel.
All rivet holes to be drilled in place after the plates are bent.
All flanged plates to be connected after flanging.
Off flanging by hydraulic ratchet work and back a C.C. Bank.
The screw stays are 1 1/2" dia. after diam. screwed into both plates & nutted at each end. (screwed 10 threads per inch).
St. Marked on Steel 16" B. with shorter ones longitudinally and a coupling plate 3'-0" x 2'-6" x 16" bent fitted round it.

Donkey Plate round Manhole
No Plate 22 Rivets

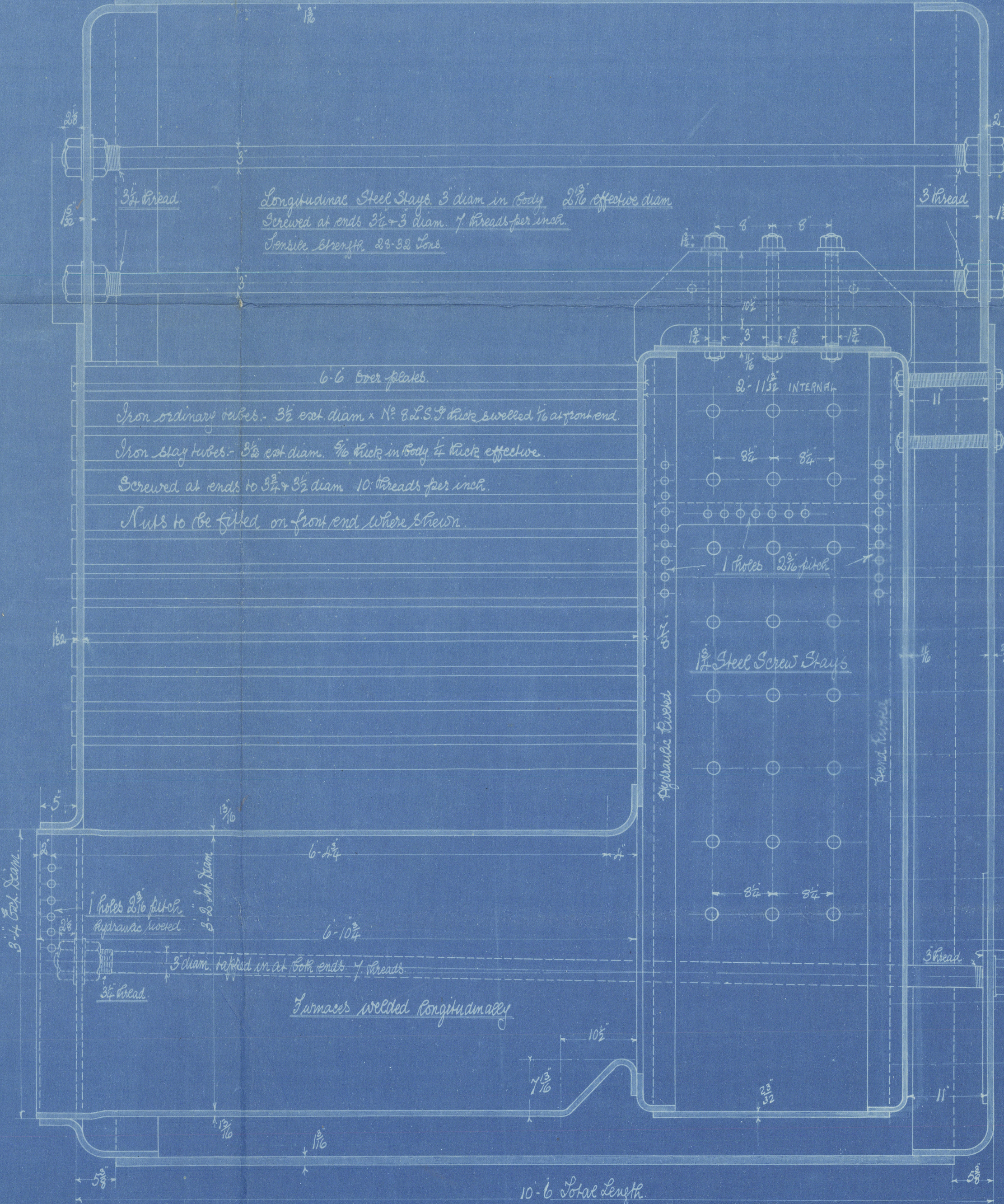


DIMENSIONS

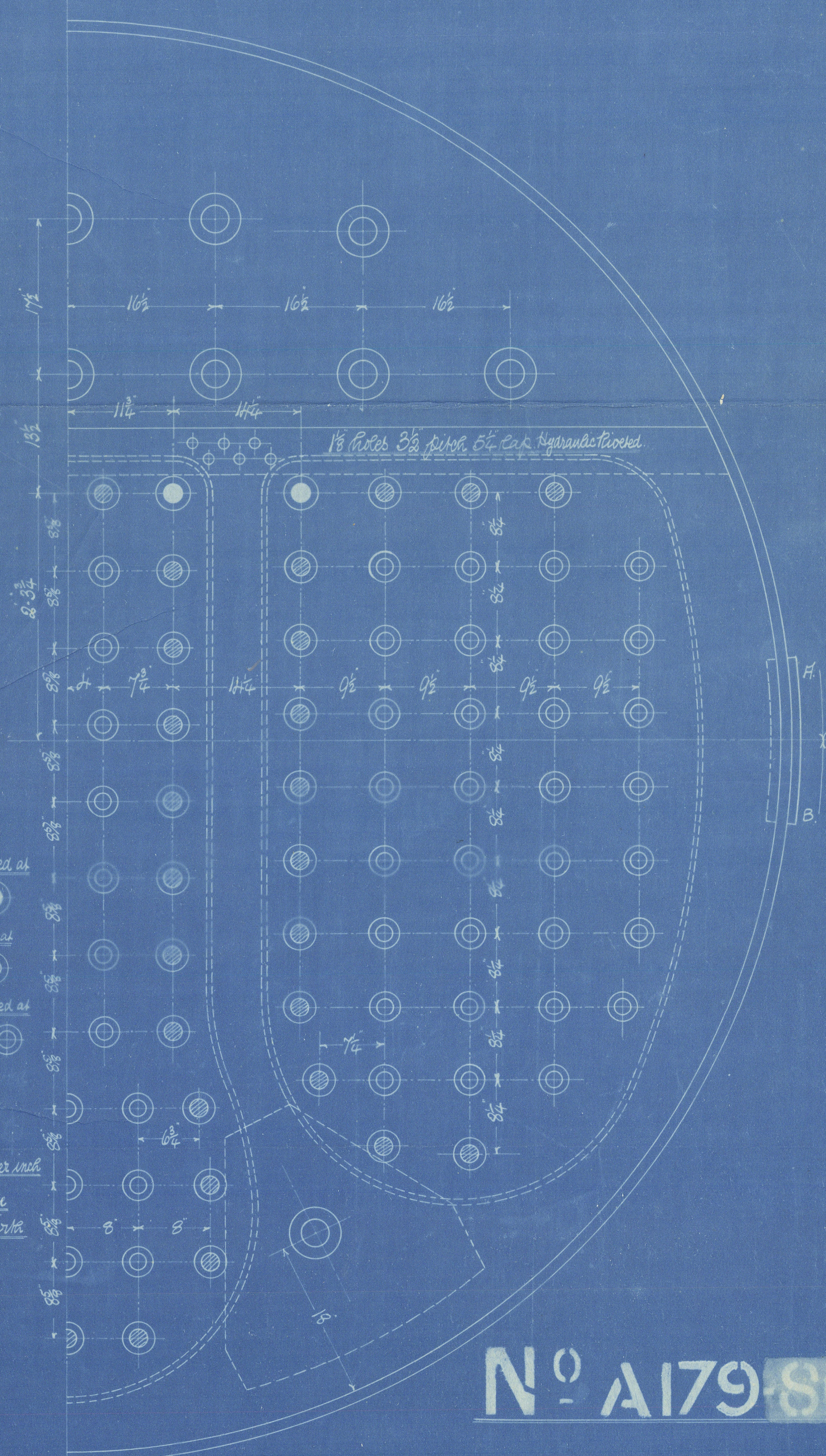
| | |
|------------------------------|---------|
| LENGTH OF FIRE BARS | |
| AREA OF FIRE GRATE | 3 1/2 |
| DIAM OF TUBES OUTSIDE | 3 1/2 |
| LENGTH OF TUBES over flanges | 6'-6" |
| N ^o OF TUBES | 196 |
| AREA THROUGH TUBES | 9.5 sq |
| SURFACE OF TUBES | 1126 sq |
| TOTAL HEATING SURFACE | 1450 sq |
| WORKING PRESSURE | 200 lbs |



Steel plates = 1/2" thick
Inside butt straps = 1 1/2"
Outside butt straps = 1 1/2"
22-22 Rivets



Donkey Plate Rivets
10" x 1/2" pitch
screwed together



N^o A 179-80

N^o S 505

R

201073
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20th 2/19/14

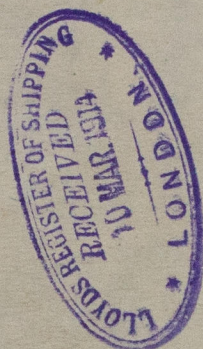
W.R.L.
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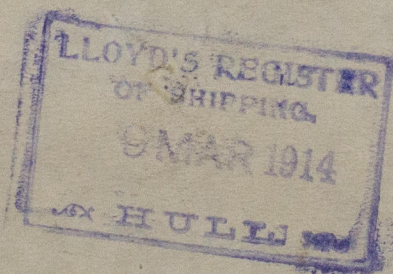
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Foundation

W922-0126

Charles Boiler
For A 179 W.P. 200 lbs
sps acantha
Hull Rpt. No. 28195.



No 3040
Dry to test
400 lbs
13-11-14 FLS



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