

STEEL BOILERS NO A 145-G

For each Ship - Working Pressure 180 lbs B.T. & Lloyds

Scale 1"=1 foot

12/12/10

Note:
All plates stays & works to be of Siemens Martens 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 1/4" 1 1/2" effective diam. screwed into both plates & nutted as shown. All screws 10 threads per inch.

PLAN of Riveting
for lower part of
Circular Seam

PLAN of Riveting
for upper part of
Circular Seam

PLAN of Riveting
for upper part of
Circular Seam

PLAN of Riveting
for lower part of
Circular Seam

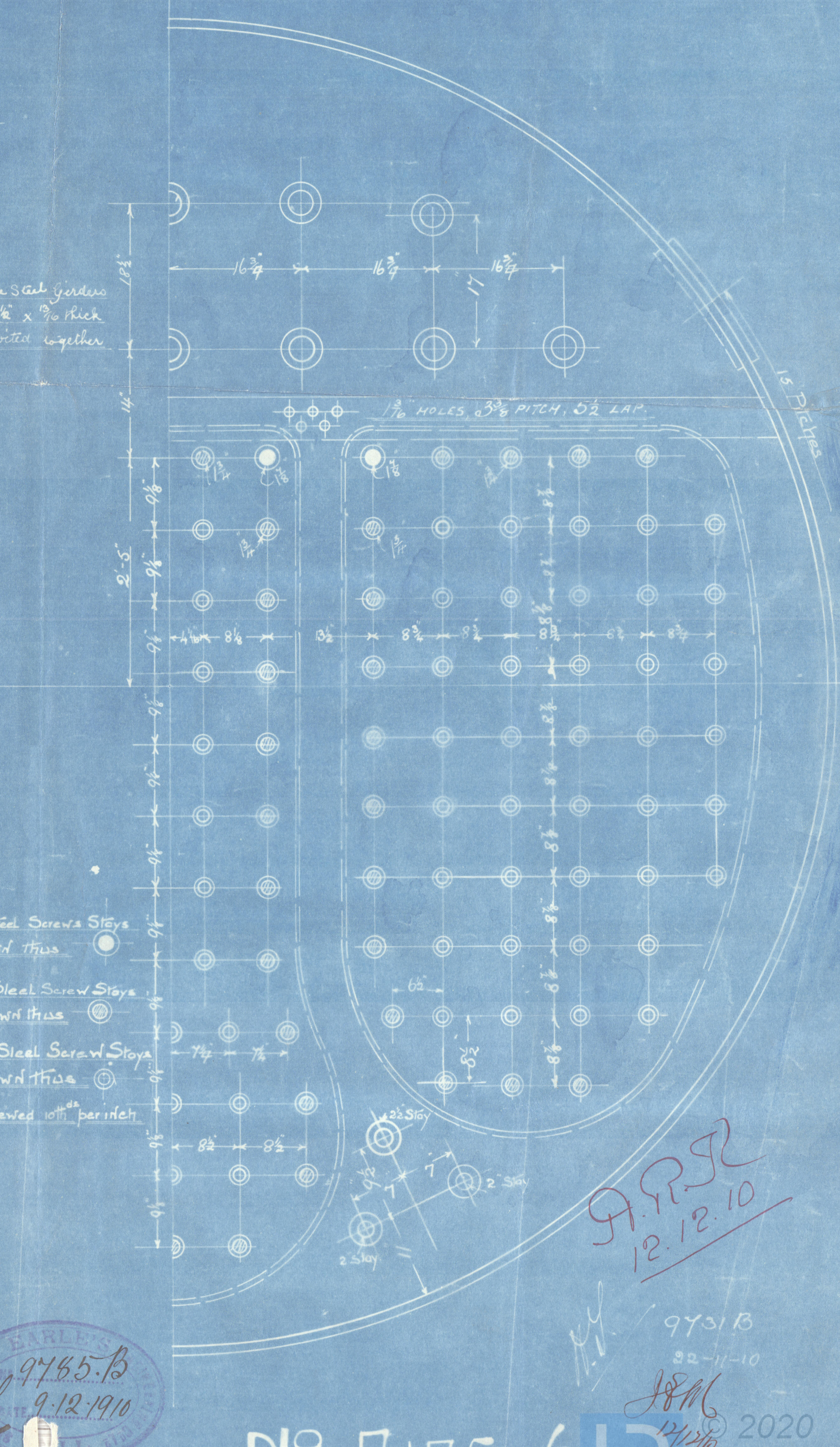
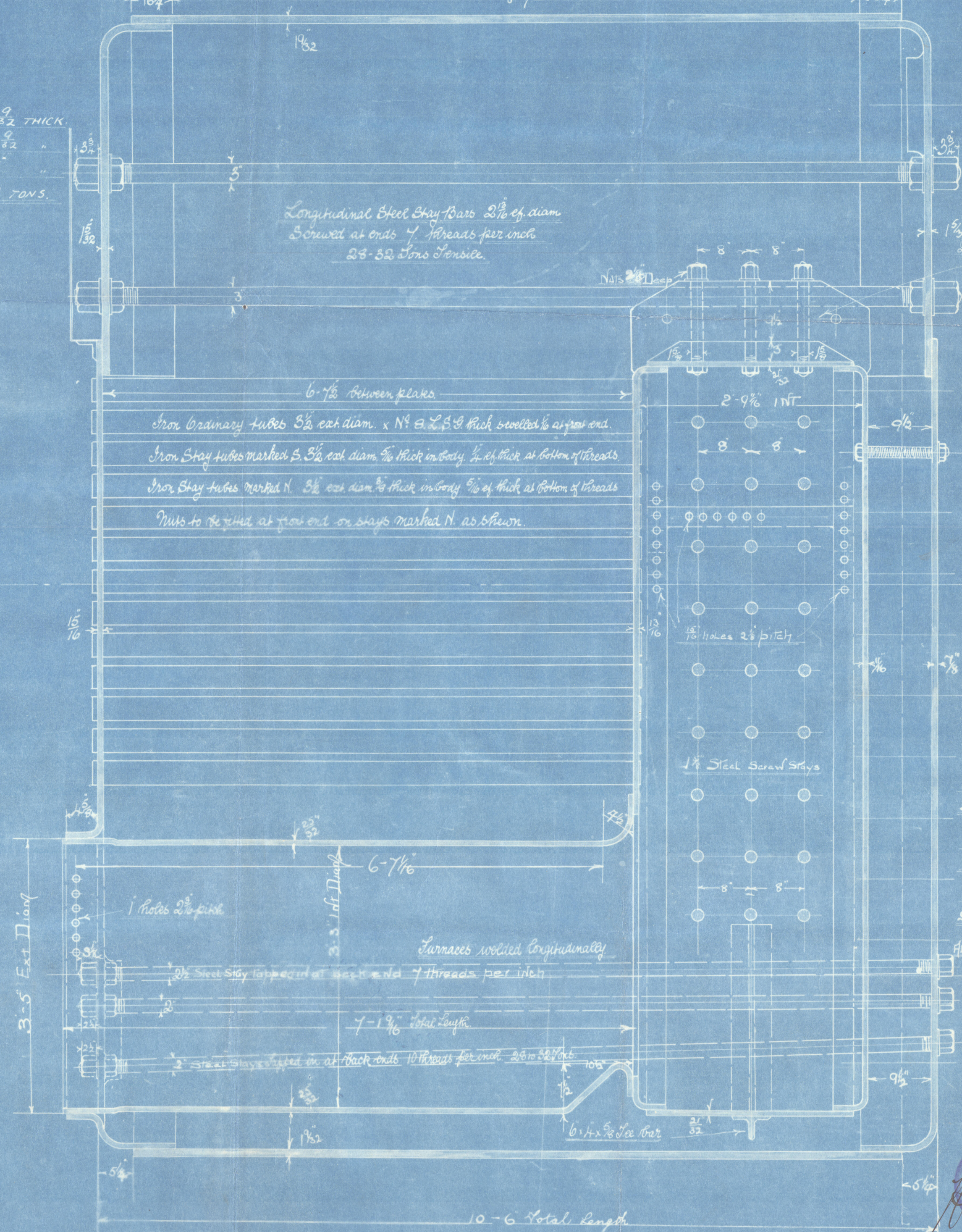
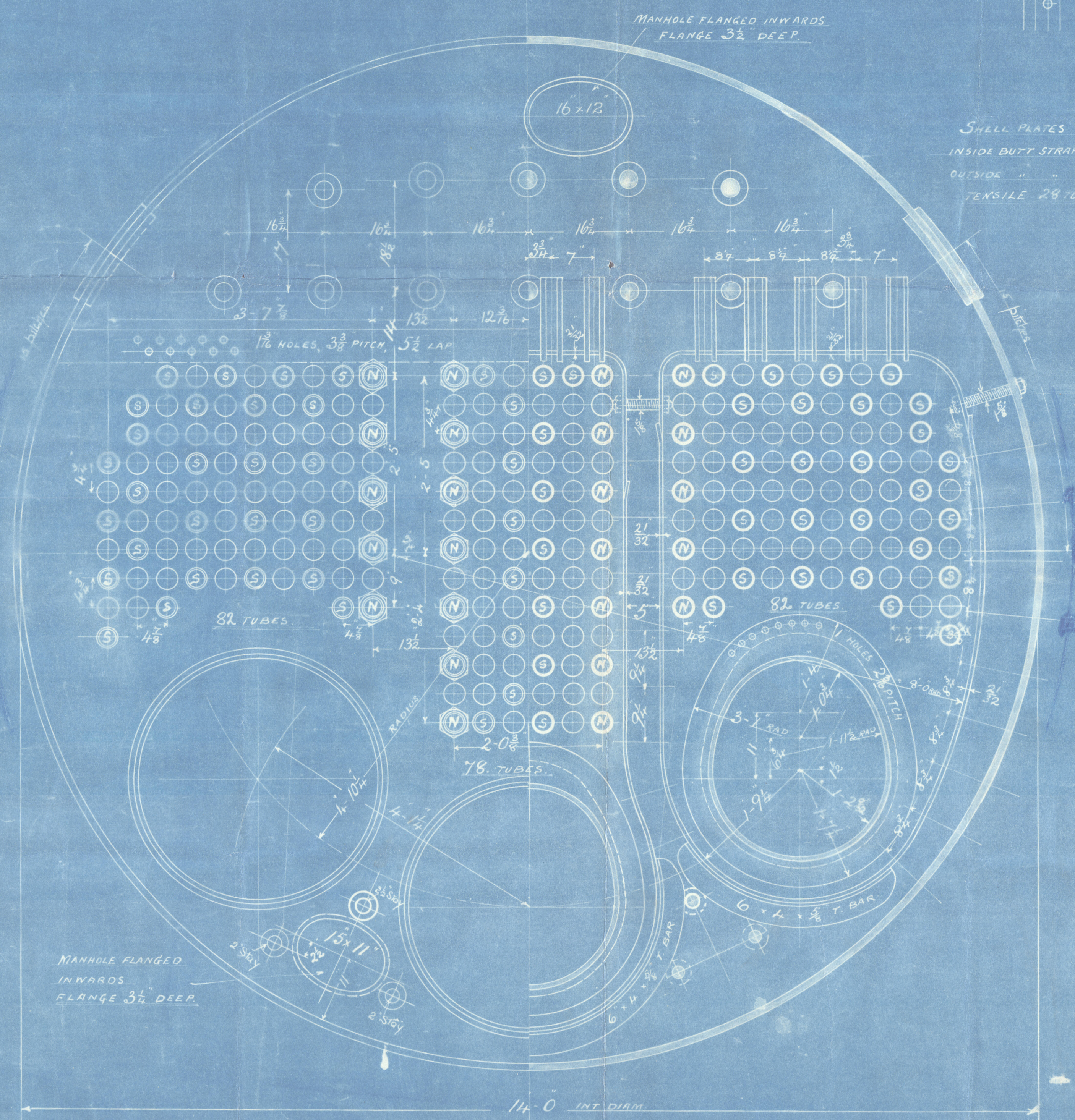
PLAN of Shell Riveting

1 1/2" Holes 8 3/4" Pitch

Plate 85% Rivets 92% B.T.
95% Lloyds

DIMENSIONS

LENGTH OF FIRE BARS	5'-6"
AREA OF FIRE GRATE	54 sq ft
DIAM OF TUBES OUTSIDE	3 1/2"
LENGTH OF TUBES	6'-7 1/2"
NO OF TUBES	242
AREA THROUGH TUBES	1225 sq ft
SURFACE OF TUBES	1466 sq ft
TOTAL HEATING SURFACE	1800 sq ft
WORKING PRESSURE	B.T. & Lloyds 180 lbs



9785.13
9-12-1910
Lloyds.

NO A 145-G

APR 12.12.10

9731.13
82-11-10

2020

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4148

Lloyd



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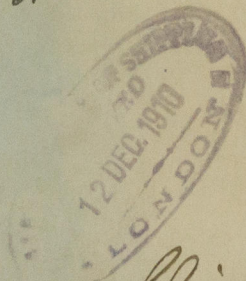
Amended plan of
Messrs Earles & Co
No 145. 6

Boilers

145 on S.S. No 91

No 1826
Leopold Test
360 lbs.
J.B.
27.7.1911

Steel Rpt No 24301



St. Skell
Ref 7299.

DETAIN



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