

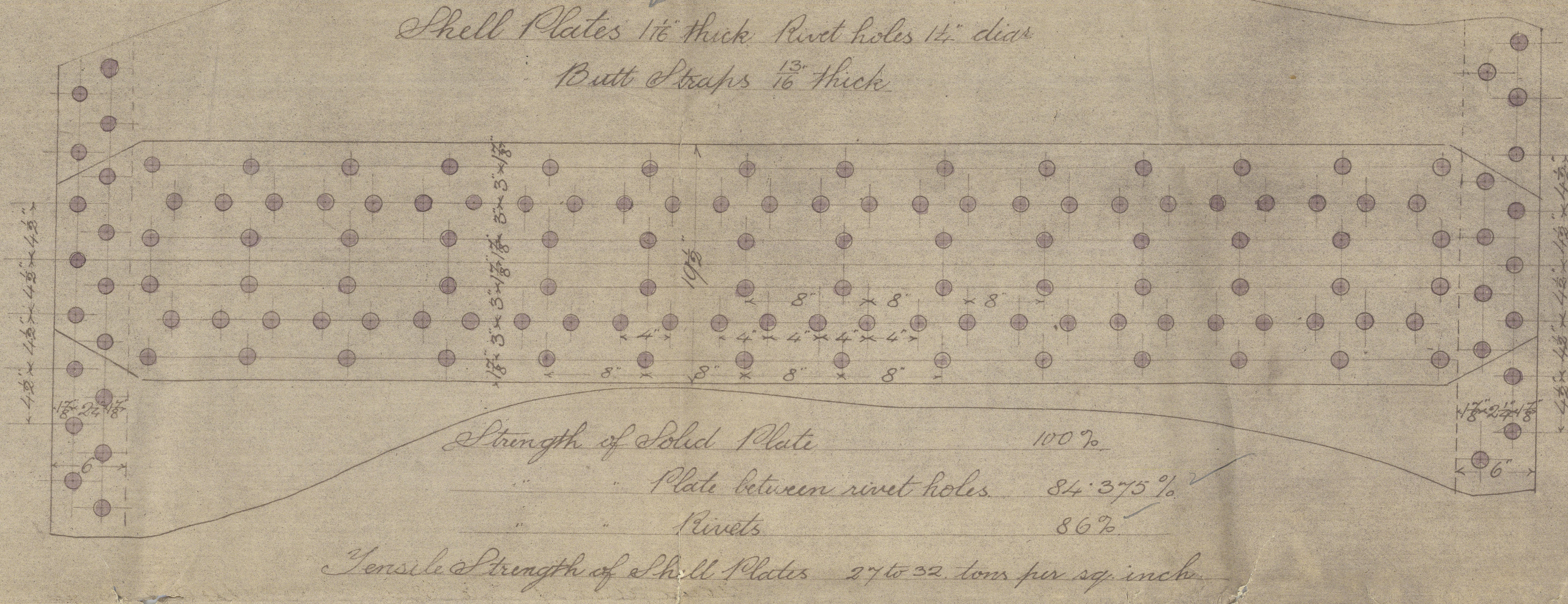
STEEL BOILERS 3 OFF

11:03

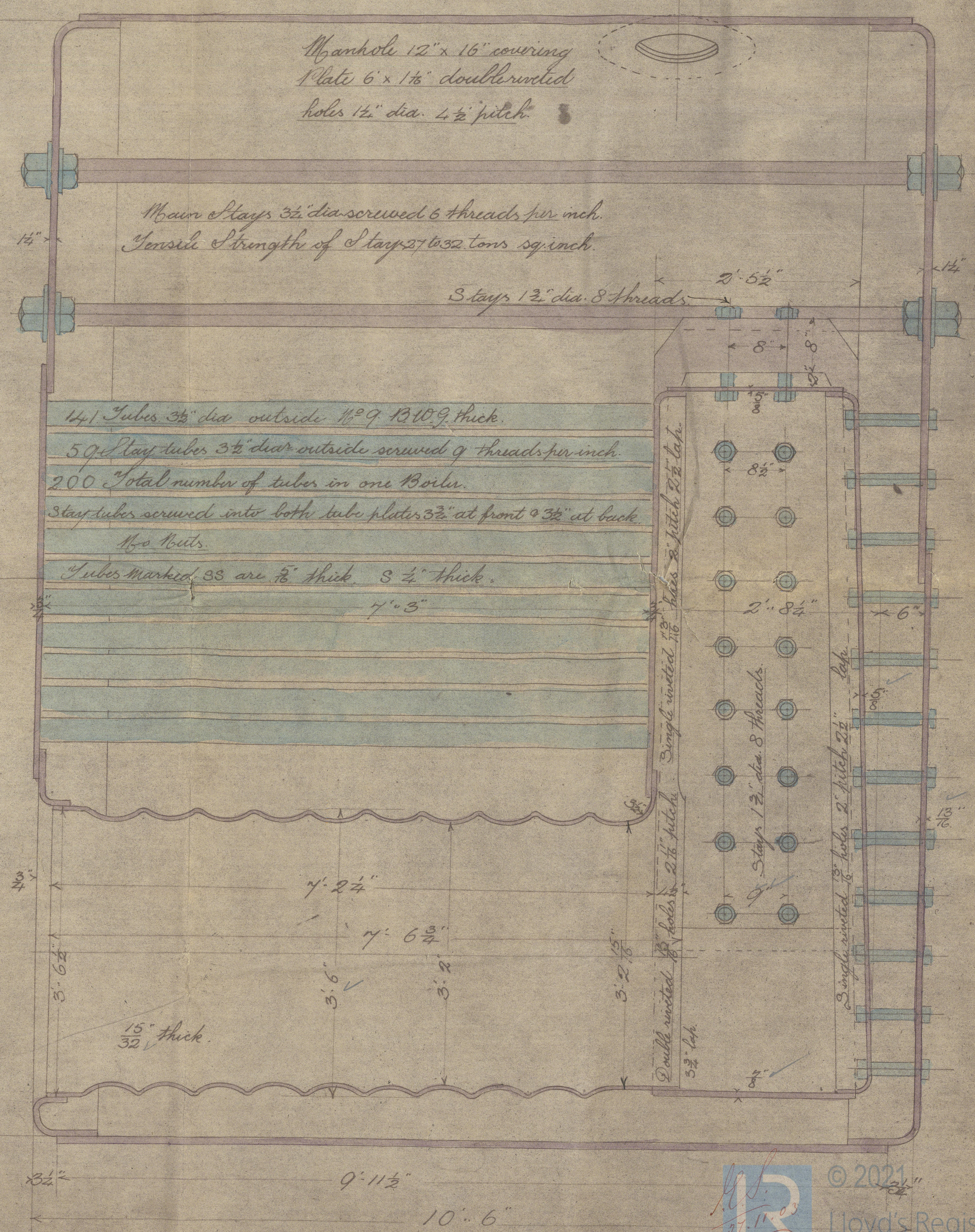
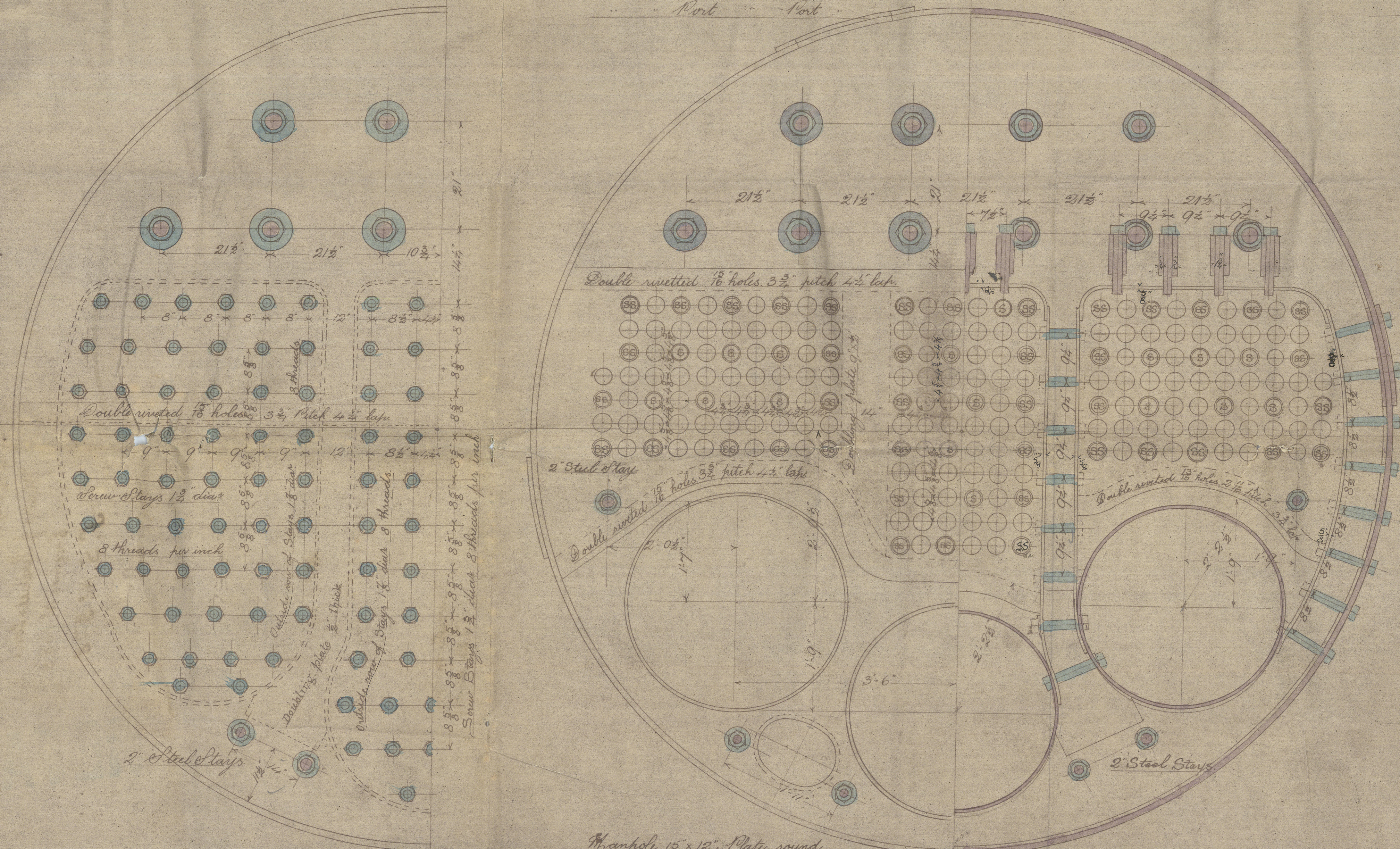
Working Pressure 100 lbs. per sq. inch
Test 320 " " "

All material (except screwed stays & tubes) to be of
Siemens Martin Steel. All holes in Main Shell to be
drilled in place after bending. Screwed stays & tubes of iron
All seams in front & back plates to be double riveted $\frac{1}{8}$ " holes.
3" Pitch 4" lap. Combustion Chambers & Single
riveted $\frac{1}{8}$ " holes 2" Pitch 2" lap.

Heating Surface on Tubes	1351.5 sq. feet.
Diaphragms	160 "
Fire boxes	170 "
Tube Plates	65 "
Total inside Boiler	1746.5 "
Three	5239.5 "
Total Area of Fire Grate	1147.9 sq. feet



Manhole on Starboard section Starboard Boiler
Port Port
Port Port



JOHN READHEAD & SONS
Engineers, Boiler Makers,
Iron & Steel Shipbuilders,
SOUTH SHIELDS.
November 1905

ENGINE N° 1683 SHIP N° 378

RETAIN

3 Single Ended Boilers
Messrs J. Readhead & Sons
Engines No 1683

S.S. No 378

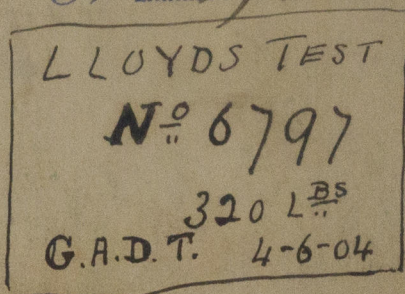
160 ^{lbs} W.P



S.S. "Ilwaco"

Newcastle Report

No 47406



W500-0267

Newcastle-on-Tyne
F.R.S., 26.11.03



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Foundation