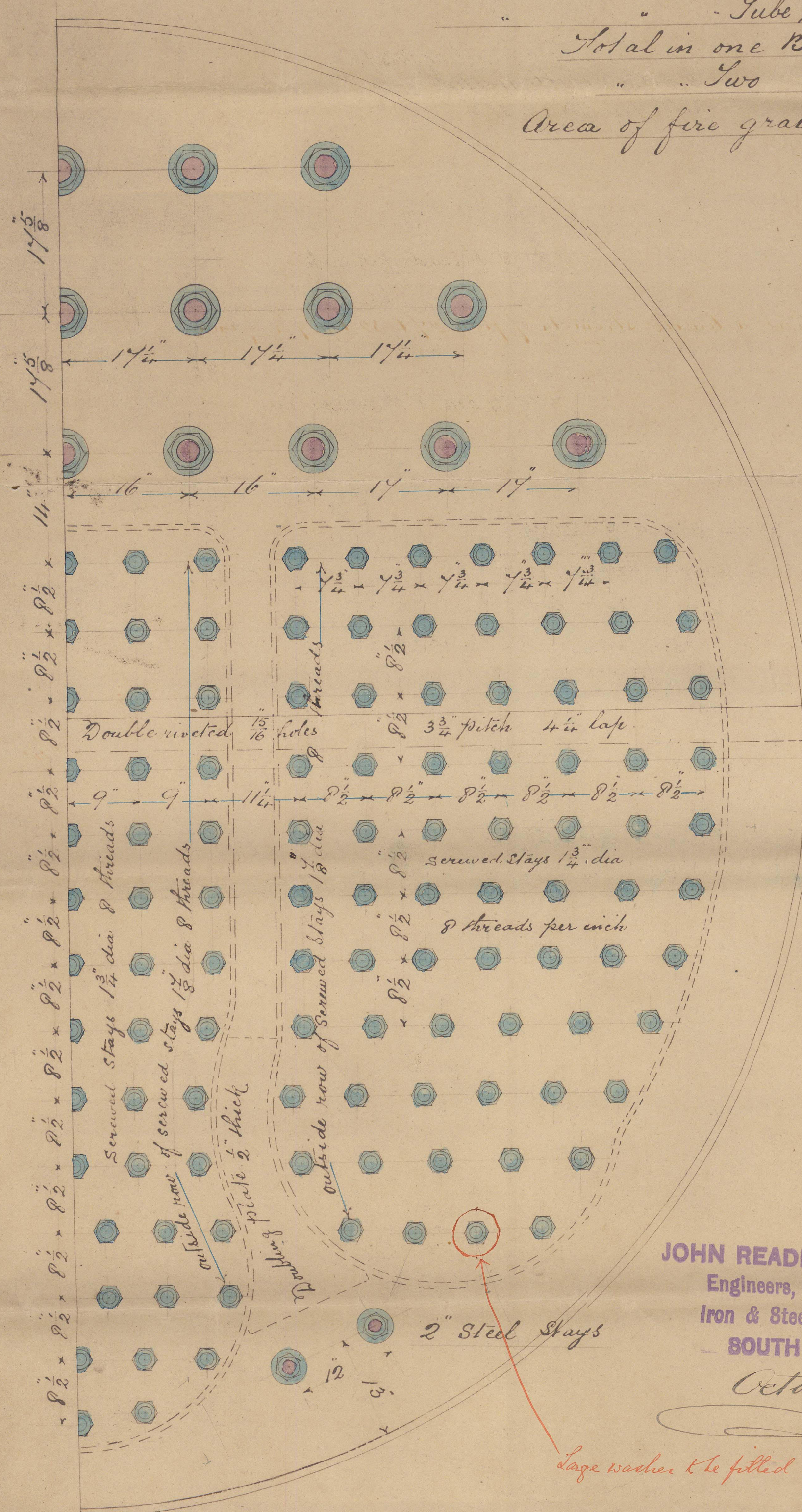


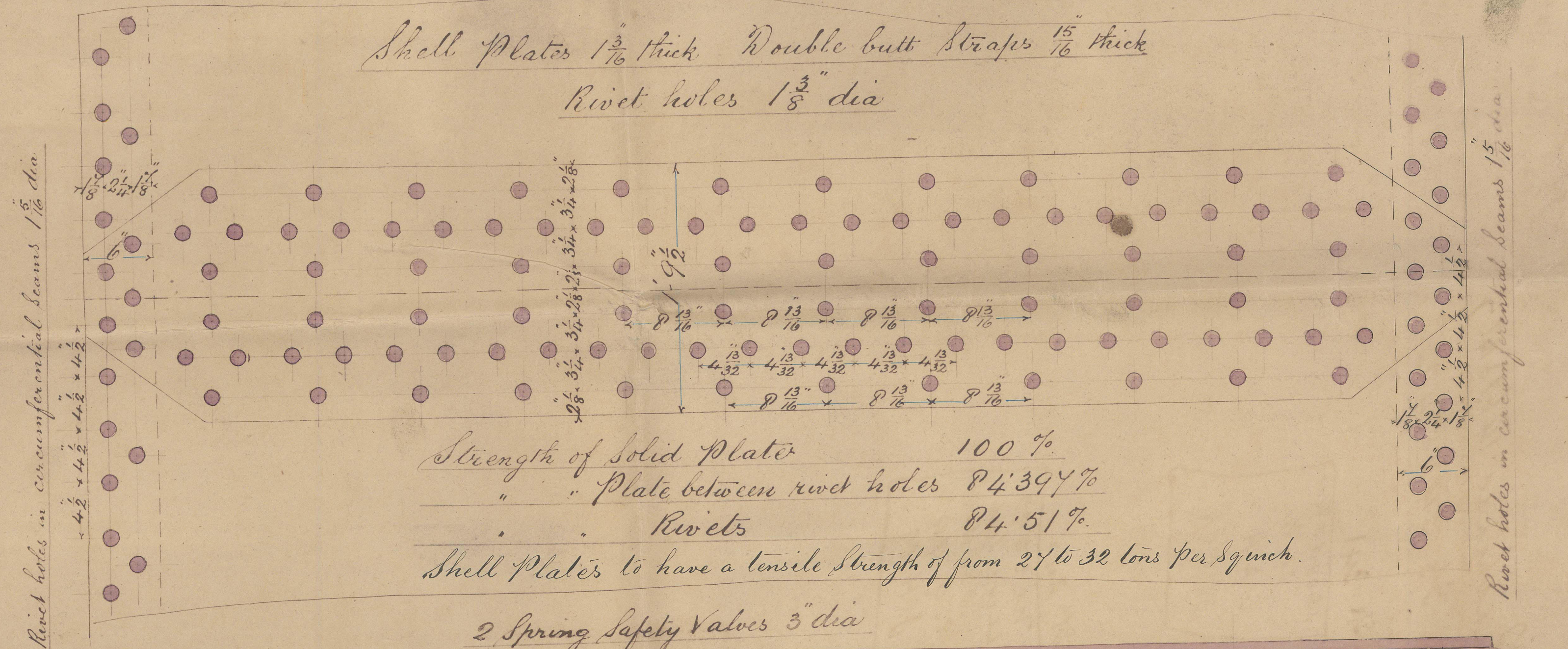
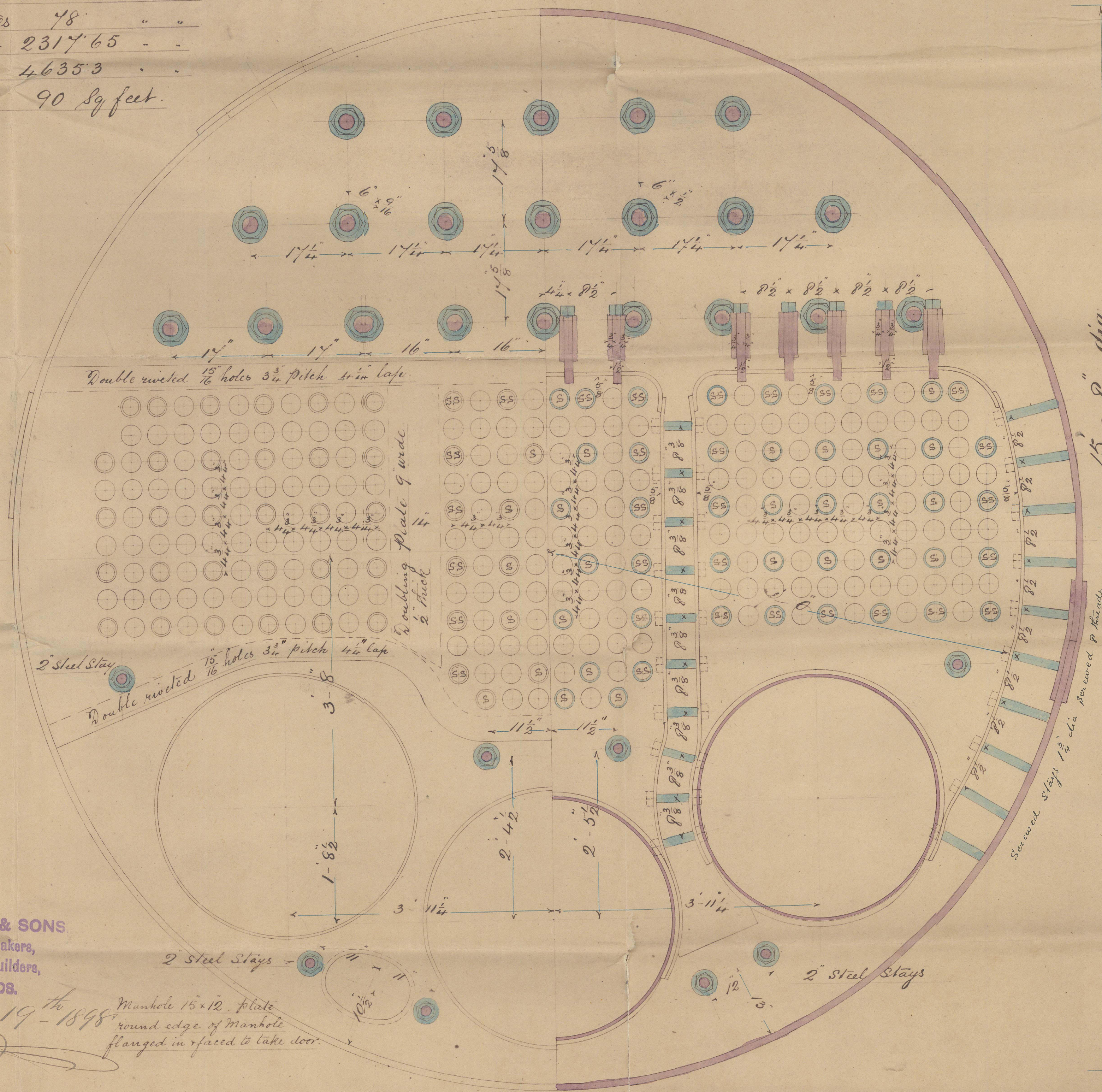
Mr 22: 10: 9⁸

Test " 320 " " " "

Heating Surface on tubes	1869.25	Sq feet.
" " " Furnaces	158.4	" "
" " " Fire boxes	212.	" "
" " " Tube plates	78.	" "
Total in one Boiler	2317.65	" "
" " Two "	4635.3	" "
Area of fire grate	90	Sq feet.



October 19th - 1898



Strength of Solid Plate	100 %
" " Plate between rivet holes	84.39 %
" " Rivets	84.51 %
Shell Plates to have a tensile strength of from 2 1/2 to 3 tons per square inch.	

2 Spring Safety Valves 3" dia

Manhole 12" x 16" doubling plate
6" x 1 $\frac{3}{8}$ " double riveted
holes 1 $\frac{1}{4}$ " pitch 14 $\frac{1}{2}$ "

Main Stays $2\frac{3}{4}$ " dia Screwed 6 threads per inch

Stays to have a tensile strength of from 24 to 32 tons per sq. inch.

Stays $1\frac{3}{4}$ " dia 8 threads per inch

200 plain tubes $3\frac{1}{2}$ dia outside N^o 9 B.W.G

88 Stay tubes screwed 9 threads per inch

288 Total number of tubes in one Boiler.

Stay tubes Screwed into both tube plates $3\frac{3}{4}$ " at front end
and $3\frac{1}{2}$ " at back end No Nuts

Slay tubes marked SS are $\frac{5}{16}$ thick

Furnaces $\frac{1}{2}$ thick

Two bars 4'-3"

9' 10"
10' 4" long

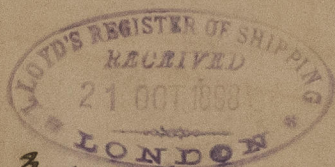
ENGINE NO 1461. 1467. S.S. NO 341.342.

Rushmore 1461 & 1467

S/S 341 & 342

S/S 341

Lloyds List
320 lbs.
G. A. H
30.6.99



S/S 342

No 5593
Lloyds List
320 lbs
8.9.99
J. H. M.

J. J. Drevessa

Newcastle Report

No 39056

Lloyd's Register
Foundation

NW 866-0198