

STEEL BOILERS 1 OFF RIGHT HAND 1 OFF LEFT HAND

WORKING PRESSURE 180 lbs sq inch

TEST 360

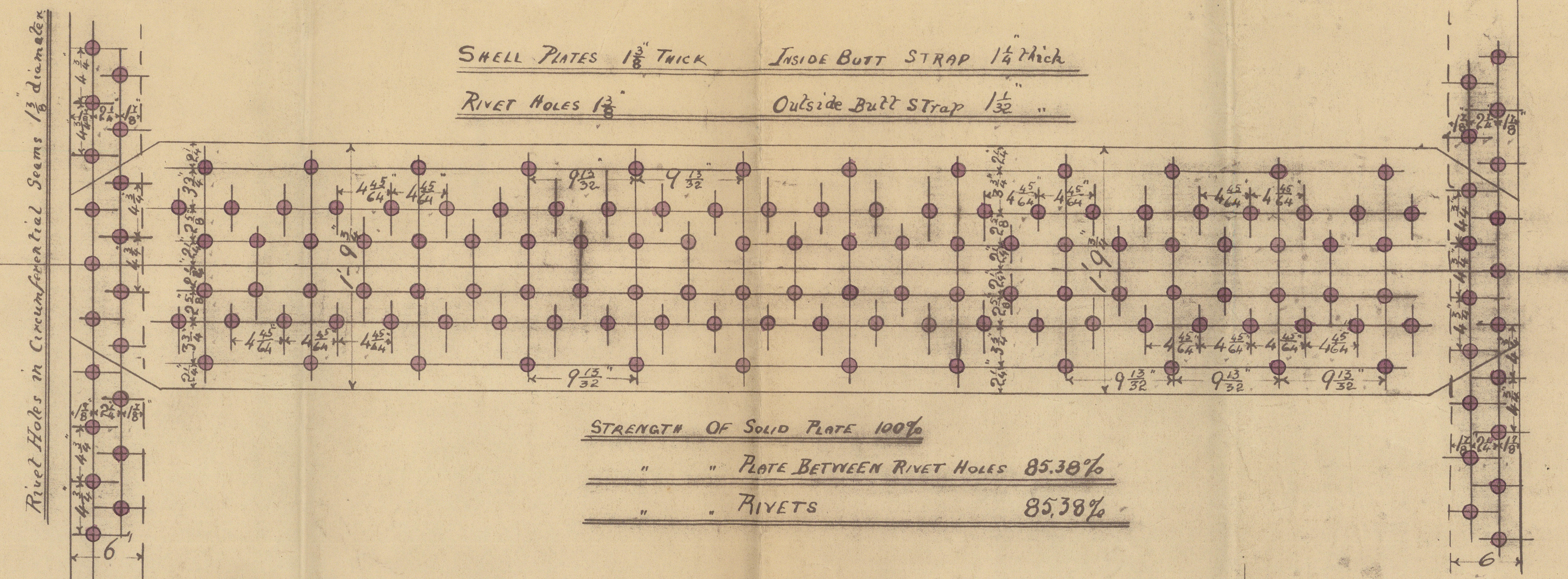
All Material (except Screwed Stays & Tubes which are of iron) to be of Siemens-Martin Steel.
All Holes in Shells to be drilled in Place after bending. All seams in Front & back to be double riveted & 1/2" Pitch 4" Lap. Combustion Chambers etc Single Riveted 1/2" Holes 2" Pitch 2 1/2" Lap
Tensile Strength of Steel 28 to 32 tons per square inch

25/5/14

Heating Surface.

Tubes	2626.15 Sq feet
Furnaces	197.52 ..
Combustion Chambers	290.25 ..
Tube Plates	101.32 ..
Total one Boiler	3215.24 ..
Total two "	6430.48

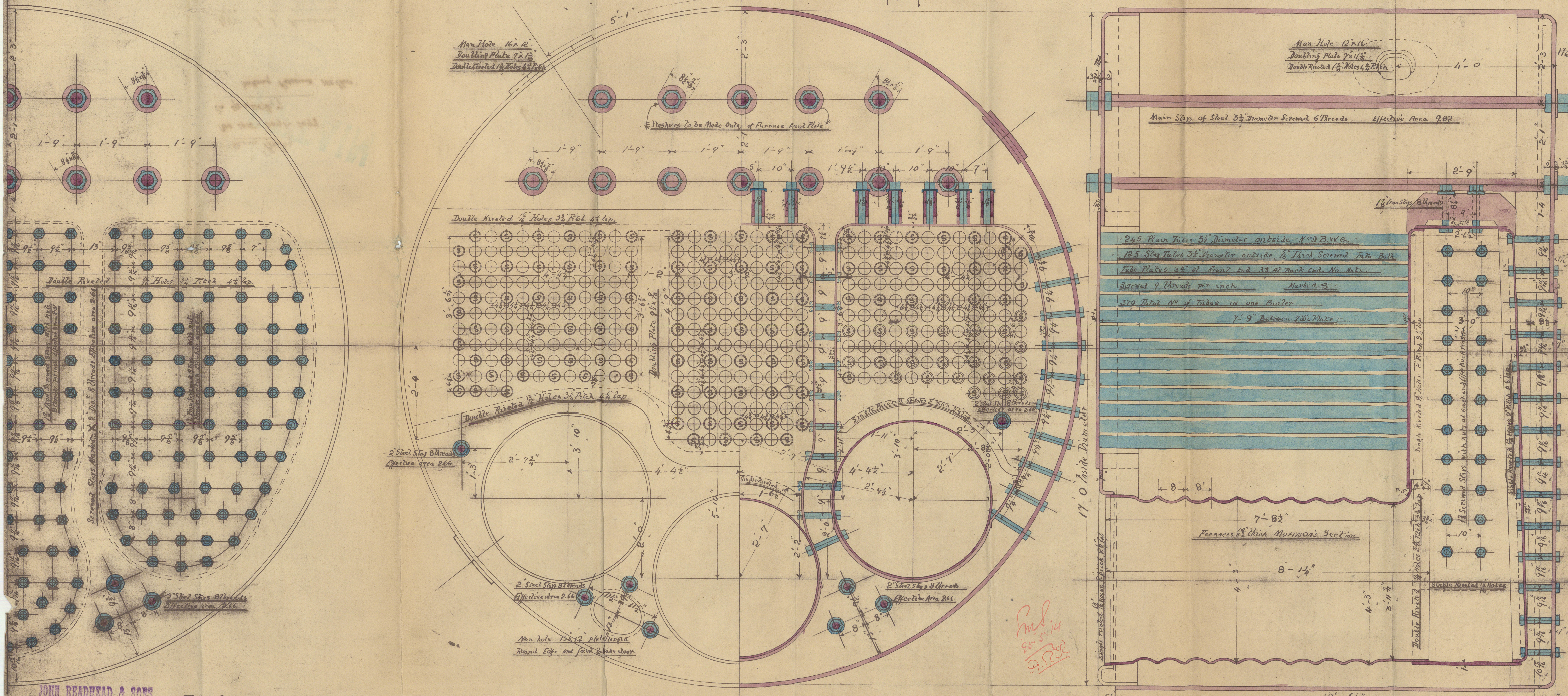
Grate Surface 132.73 sq feet



STRENGTH OF SOLID PLATE 100%

" " PLATE BETWEEN RIVET HOLES 85.38%

" " RIVETS 85.38%



JOHN READHEAD & SONS,
Iron & Steel Ship Builders,
Engineers & Boiler Makers,
SOUTH SHIELDS

ENGINE N^{OS} 2085-2091-2097 → DUPLICATES OF OUR ENGINE N^o 2019
SS 445-446-447

JOHN READHEAD & SONS,
LIMITED
Iron & Steel Ship Builders,
Engineers & Boiler Makers,
SOUTH SHIELDS.

Main Boilers

Nos. 2085 - 2091 - 2097

For Gs 445/6/7

Working Pressure 180 lbs.



445 S. S. "Hewarack"
446 S. S. "Hecarne"
447 S. S. "Hewarke" 447

NEWCASTLE-ON-TYNE.

Report No. 66450

S.S. "TRECARNE"

NEWCASTLE-ON-TYNE.

4445

Report No. 67161

S.S. "TREMAYNE"

4446

NEWCASTLE-ON-TYNE.

Report No. 67256

4447
7

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