

# STEEL BOILERS 3 OFF

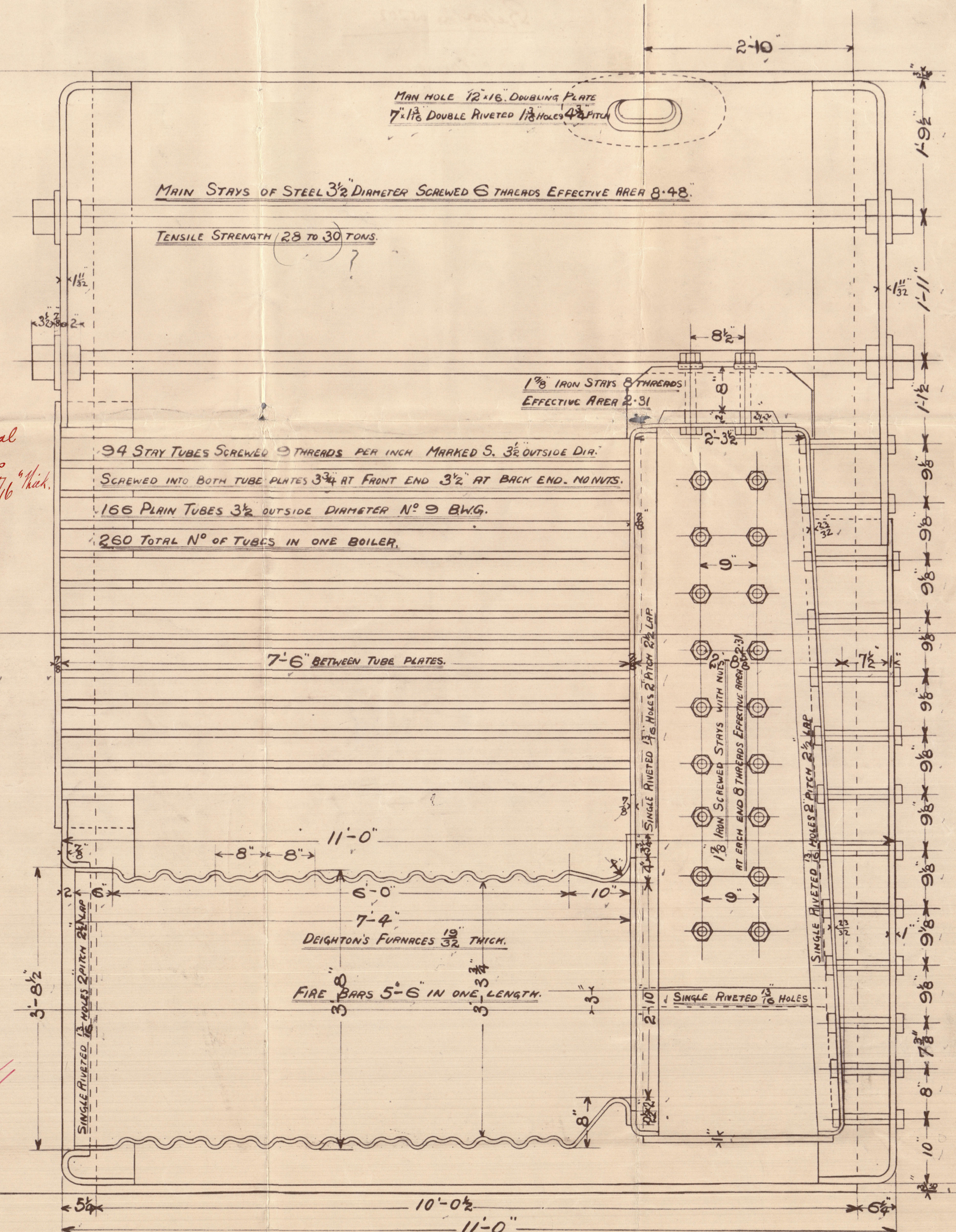
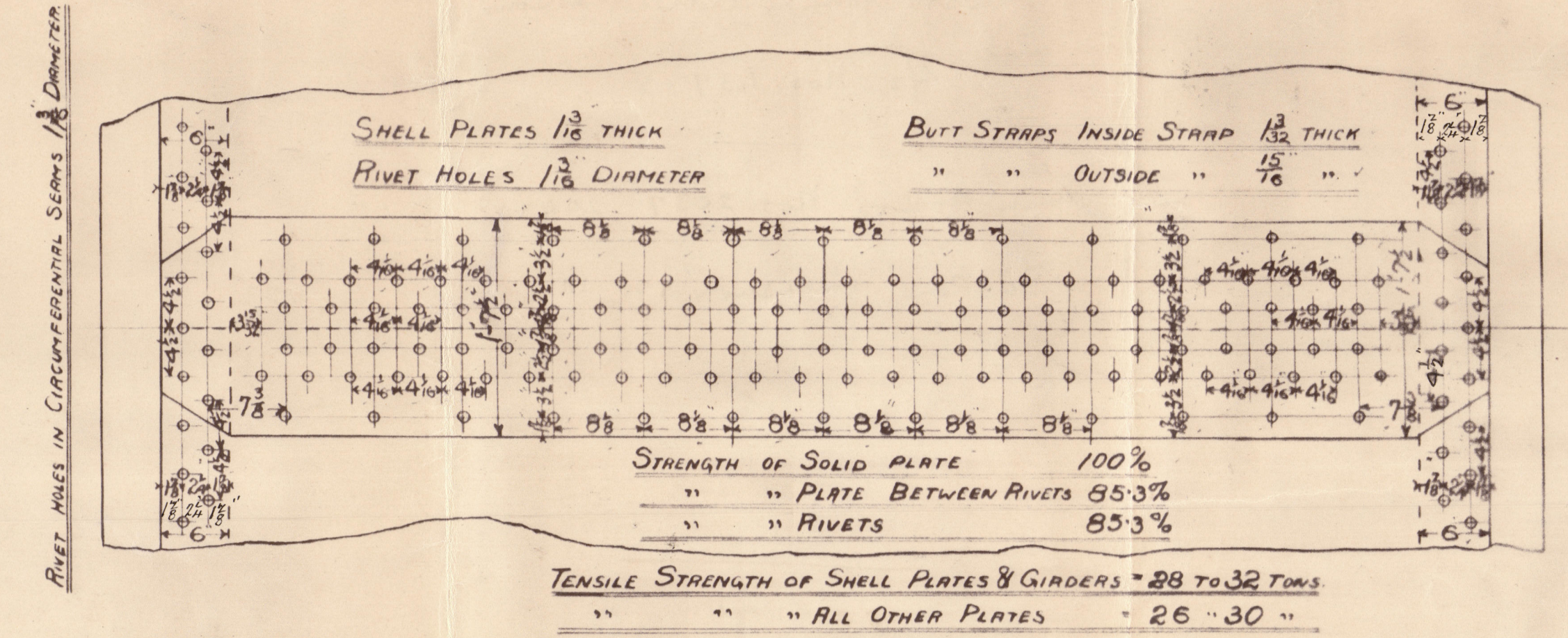
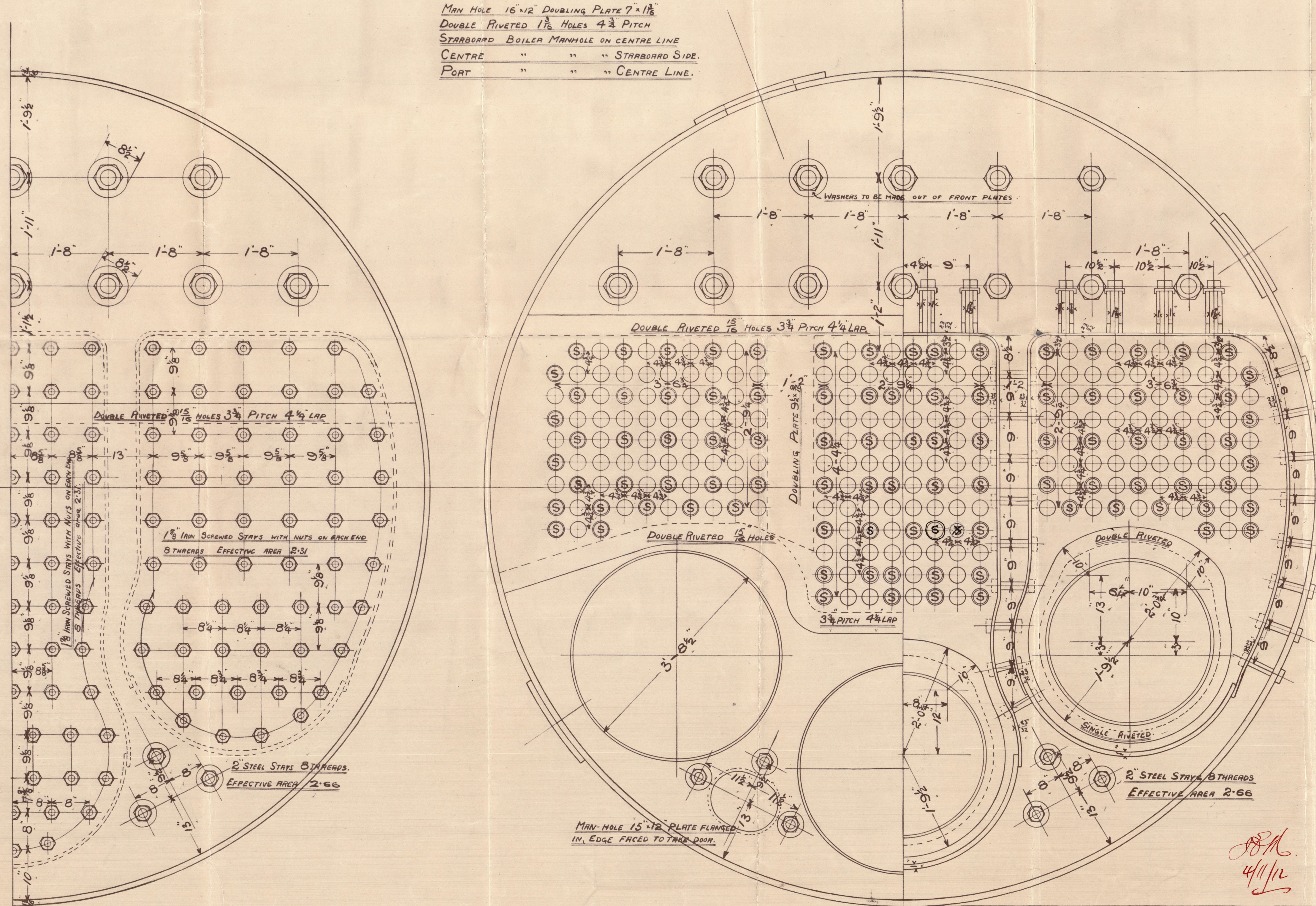
WORKING PRESSURE 180 LBS PER SQUARE INCH  
TEST " 360 " " " "

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  $\frac{1}{16}$  HOLES  $3\frac{3}{4}$  PITCH. 4" LAP COMBUSTION CHAMBERS SINGLE RIVETED  $\frac{1}{16}$  HOLES  $2\frac{1}{2}$  PITCH  $2\frac{1}{2}$  LAP.

## HEATING SURFACE

TUBES	1785.87 SQ. FEET
FURNACES	168.83 " "
COM. CHAMBERS	170.35 " "
TUBE PLATES	61.42 " "
TOTAL ONE BOILER	2186.47 " "
TOTAL THREE	6559.41 " "
GRATE SURFACE	173.25 " "

MAN HOLE 16" x 12" DOUBLING PLATE 7" x 11"  
DOUBLE RIVETED  $\frac{1}{16}$  HOLES  $4\frac{1}{2}$  PITCH  
STARBOARD BOILER MANHOLE ON CENTRE LINE  
CENTRE " " " STARBOARD SIDE.  
PORT " " " CENTRE LINE.



ENGINE N<sup>OS</sup> 2037-2043  
S.S. N<sup>OS</sup> 437-438

JOHN READHEAD & SONS,  
Iron & Steel Ship Builders  
Engineers & Boiler Makers  
SOUTHAMPTON, ENGLAND.

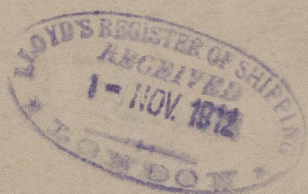


Messrs John Readhead & Sons

S/s Nos 437-8

Main Boilers Nos. 2037-2043

Working Pressure 180 lbs



S.S. "Bronwen"

NEWCASTLE-ON-TYNE.

Report No. 65202



Hogland & S. L. Owen

NEWCASTLE-ON-TYNE.

Report No. 65453

W44-0095



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