

4/2/20

# № 175-6 MAIN BOILER.

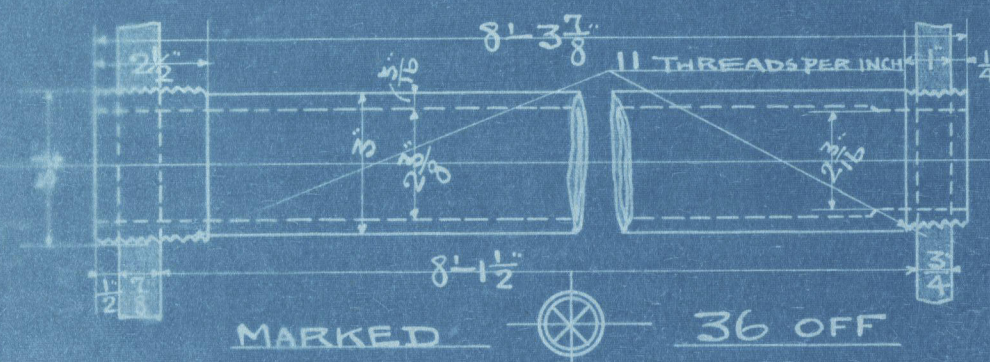
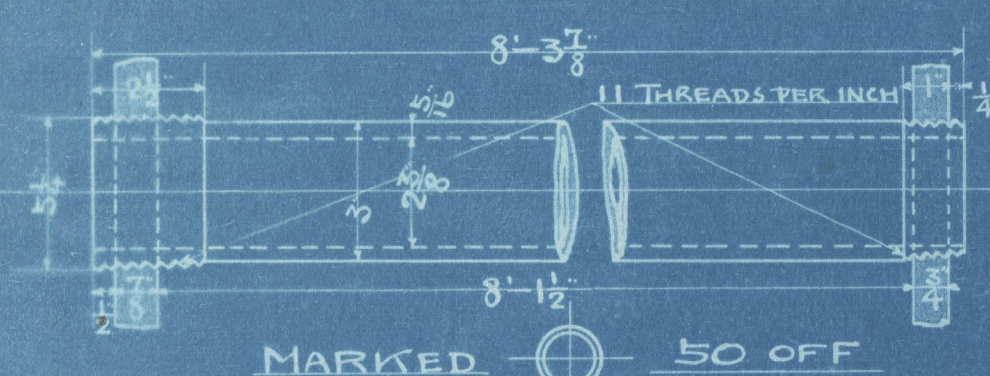
SCALE  $1\frac{1}{2}$ " TO 1 FOOT

2 OFF (ONE THUS. ONE OPPOSITE) FOR ONE VESSEL.

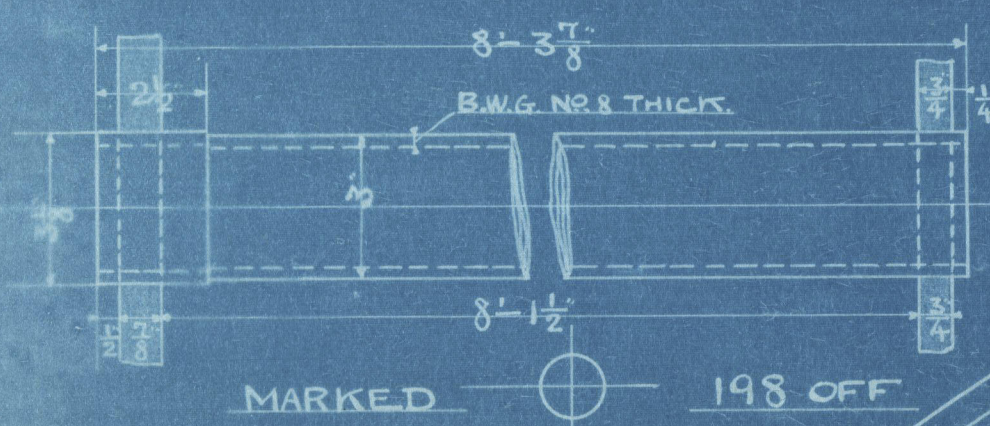
MATERIAL MANUFACTURED BY  
PLATE STEEL  
RIVET "  
MAIN STAY "  
C.C. STAY "  
TUBE WROUGHT IRON

WORKING PRESSURE.	200 LB/SQ
TEST PRESSURE.	400 LB/SQ
GRATE AREA (ONE BOILER TOTAL)	49.5 #
TUBES.	1812.3 #
HEATING SURFACE	
FURNACES.	121.7 #
COMBUSTION CHAMBERS	251.2 #
ONE BOILER TOTAL	2185.2 #
RATIO OF H.S. TO G.A.	44.1

WROUGHT IRON STAY TUBES



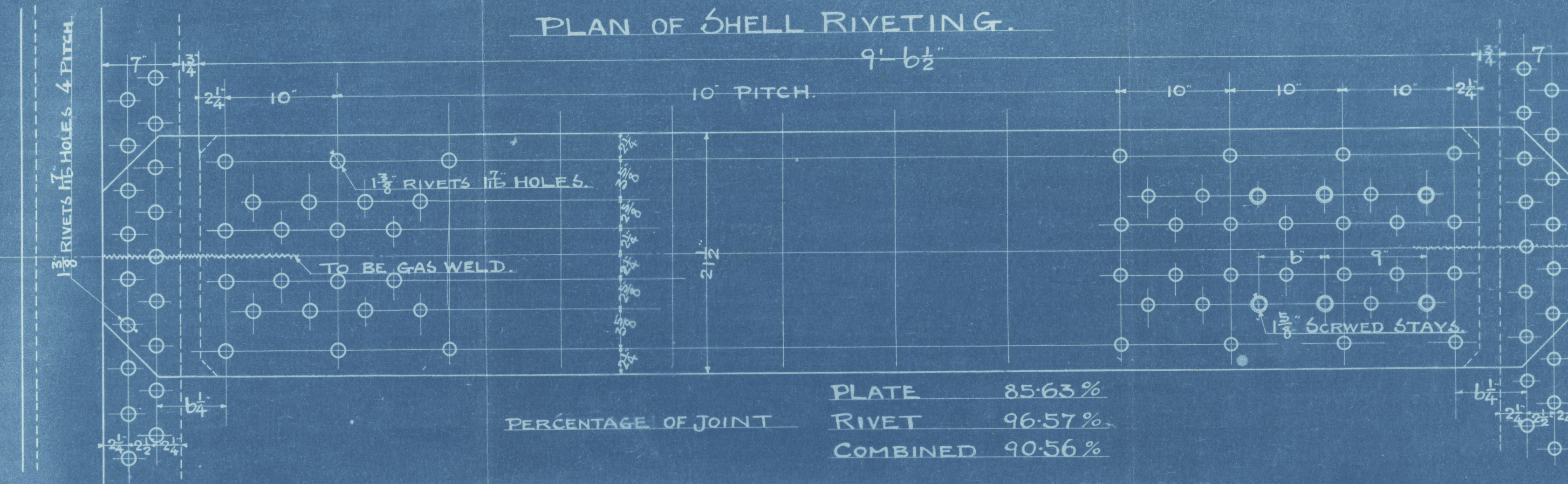
WROUGHT IRON PLAIN TUBES



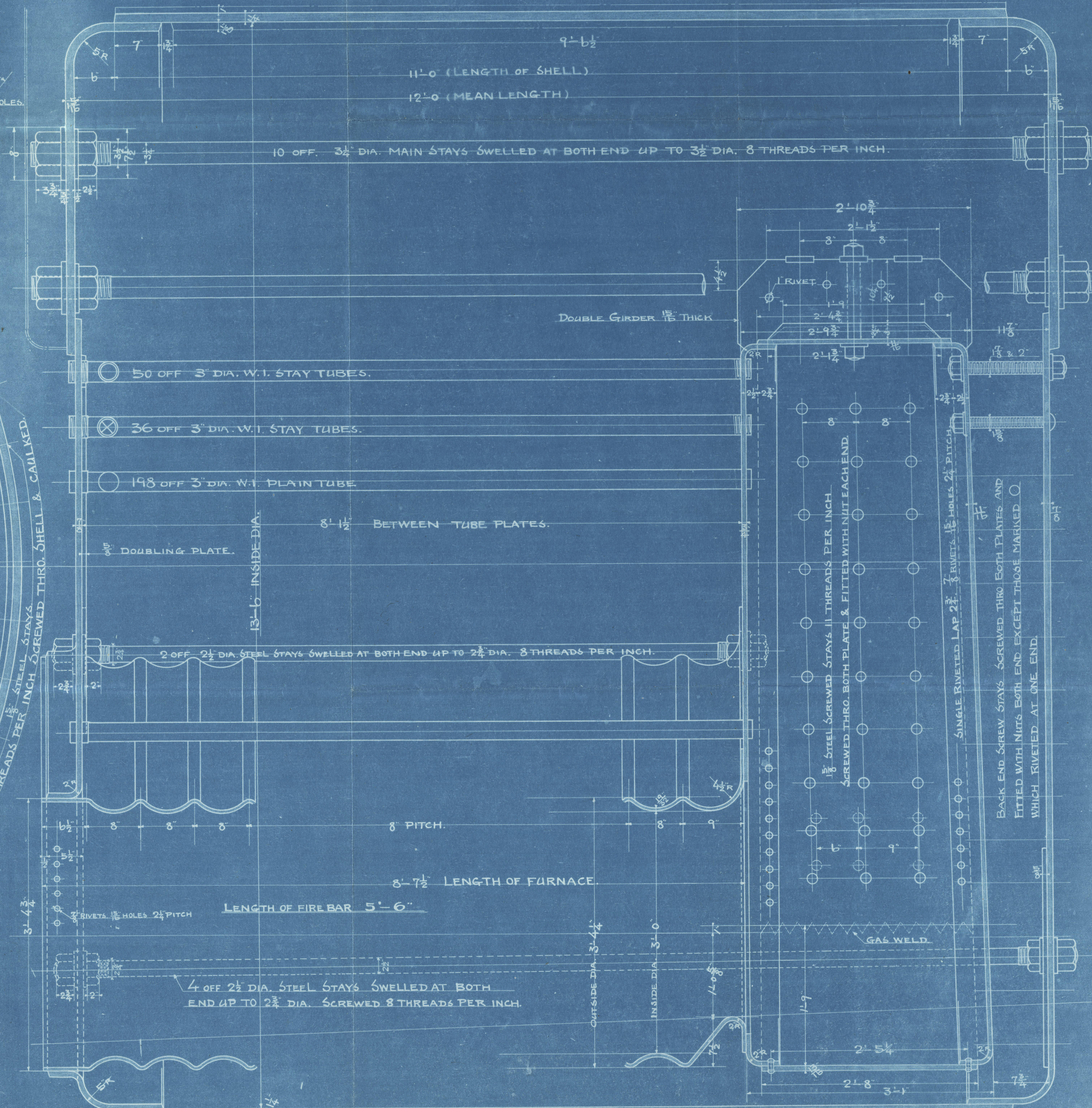
TOTAL NO OF TUBES 284 OFF

TENSILE STRENGTH OF SHELL, BUTT STRAP, MANHOLE RING, GIRDER AND MAIN STAY 28 TONS ABOVE.

PLAN OF SHELL RIVETING.



PERCENTAGE OF JOINT	
PLATE	85.63%
RIVET	96.57%
COMBINED	90.56%



4/2/20



Ship's Name or No. 175-6

Name S. Susan Maru  
of YKa 2755

Drawing of MAIN BOILER

Drawing No. \_\_\_\_\_ Sending No. \_\_\_\_\_



*London Copy*



RETAIN



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