

# STEEL BOILER FOR NO. 946.

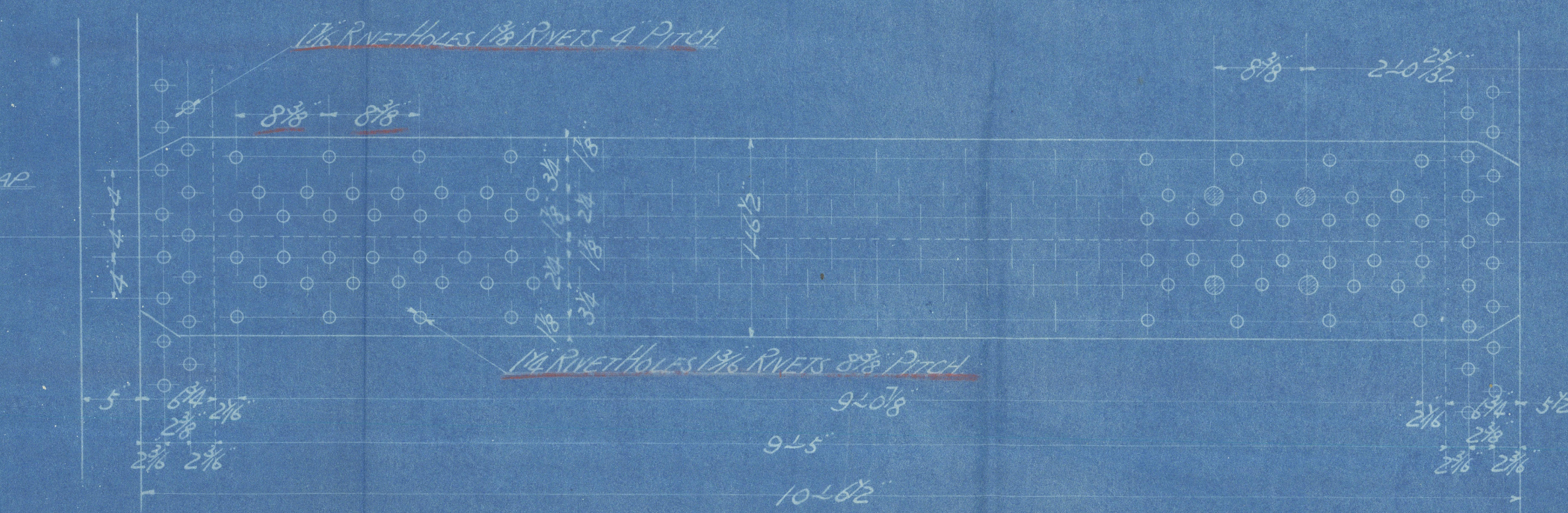
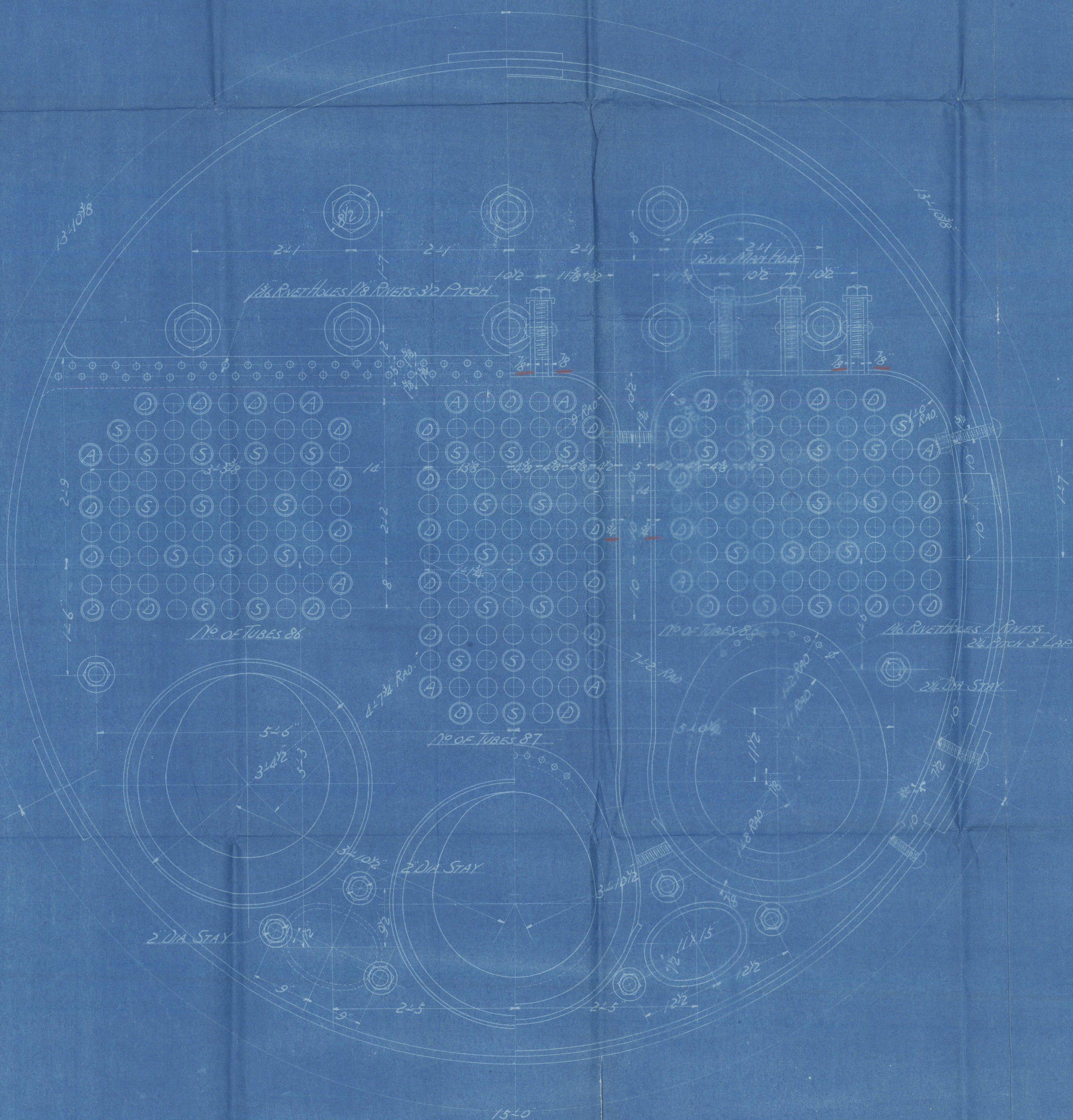
SCALE 1 INCH TO ONE FOOT.

W.P. = 150 <sup>LIBS</sup>/<sub>sq. in.</sub>

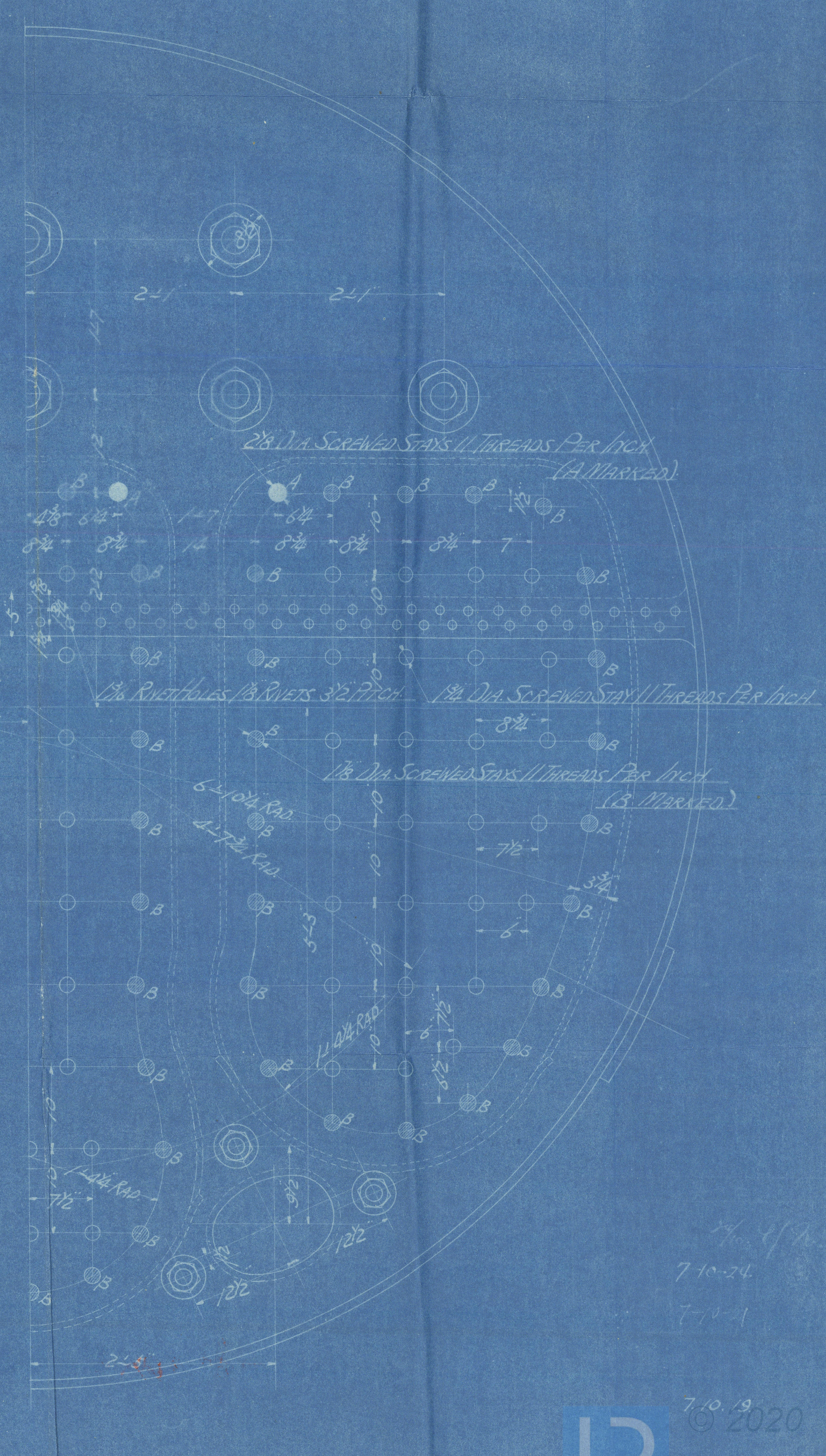
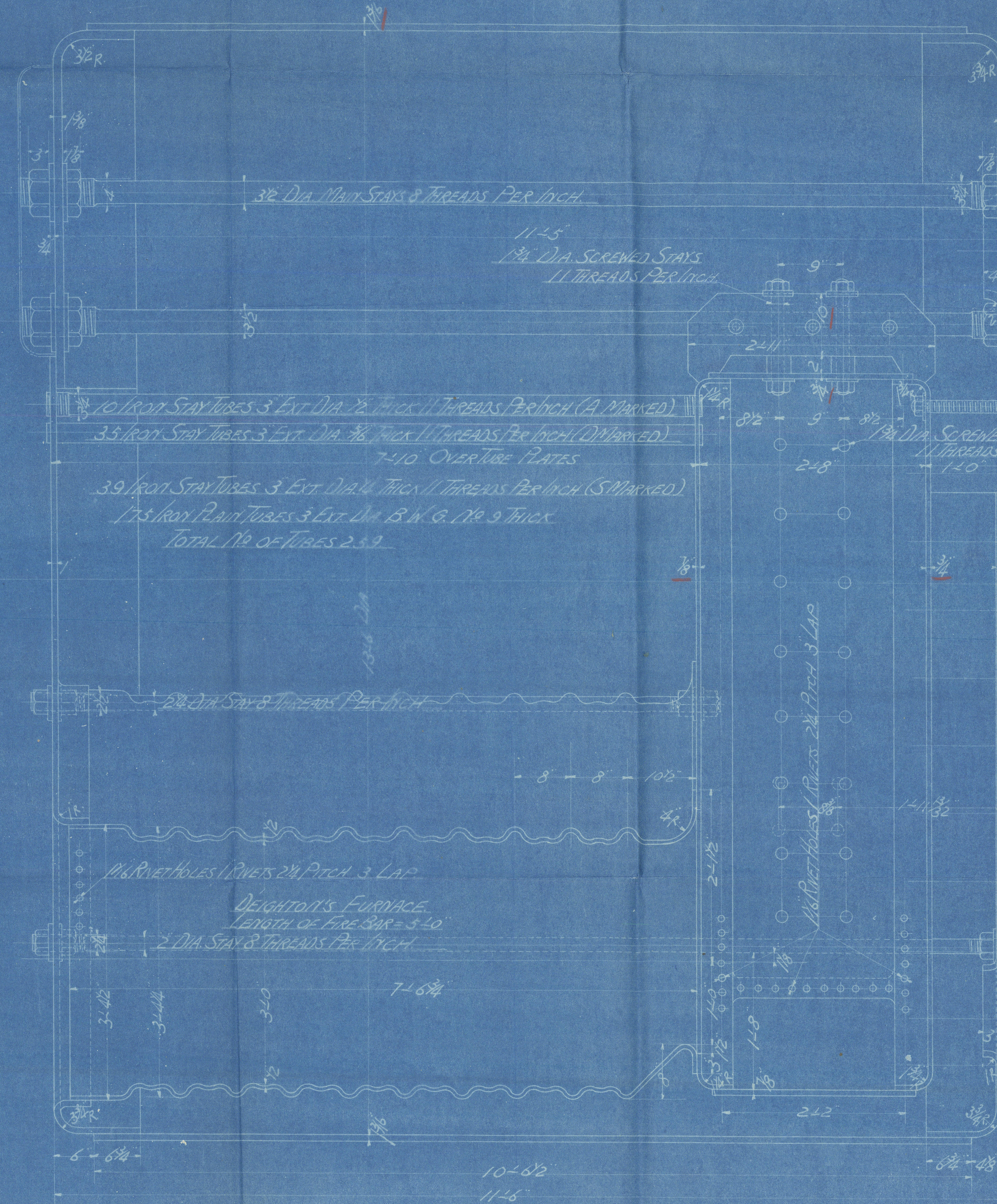
*Red full under lines is low alloy*

	TENSILE BREAKING STRENGTH	ELONGATION MEASURED ON
	TONS/IN <sup>2</sup>	LLOYD'S STANDARD TEST PIECE
SHELL PLATE, BUTT STRAP	26.79-27 (60000-60300) <sup>LBS</sup>	NOT LESS THAN 23%
AND GIRDER PLATE	27-28 (60480-62720) <sup>LBS</sup>	21.5%
END PLATE COMB CHAMPS	28-32 (62720-71680) <sup>LBS</sup>	20%
FURNACE AND DOUBLING PLATE	26-30 (58240-67200) <sup>LBS</sup>	23%
SOLID STAY BAR	28-32 (62720-71680) <sup>LBS</sup>	20%
SCREWED STAY BAR	26-30 (58240-67200) <sup>LBS</sup>	23%
RIVET BAR	26-30 (58240-67200) <sup>LBS</sup>	25%

TWO OFF. { ONE THUS. } FOR ONE VESSEL.  
{ ONE OPPOSITE }



PARTICULARS (FOR ONE BOILER)	
HEATING SURFACE OF TUBES	1561.7
" " COMB. C.	230.7
FURNACE	119.7
TOTAL HEATING SURFACES	1912.1
TOTAL GRATE AREA	45
" " " "	42.1

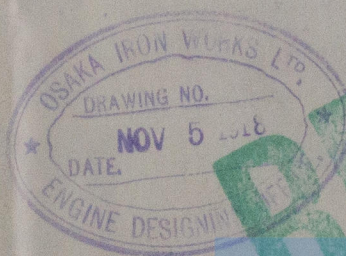




MAIN BOILERS  
FOR NO. 946.  
(ALTERATION.)

NOV. / 1918.

S.S. "Jinsho Maru"  
Kobe Report # 2442.



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Foundation

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