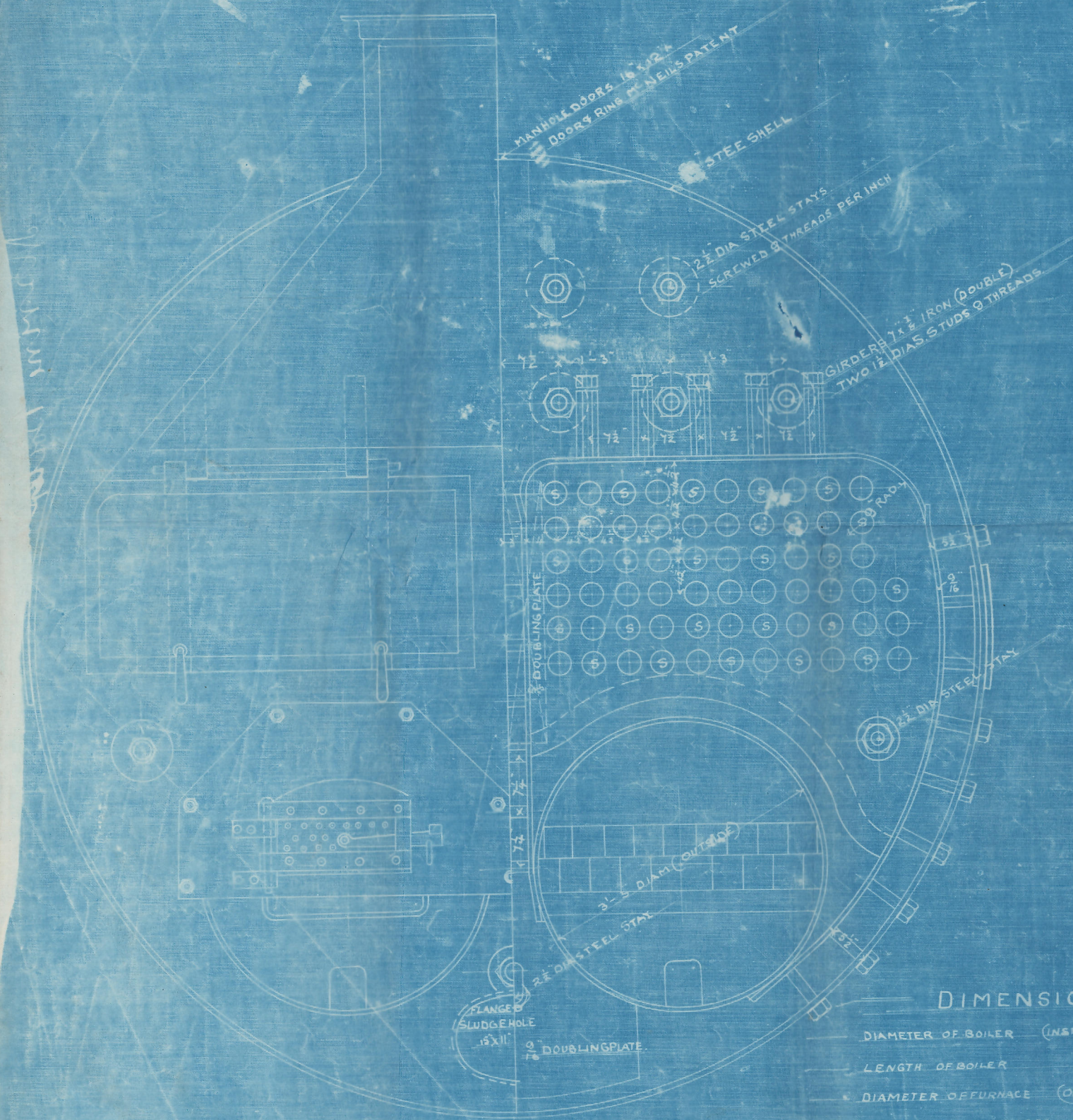


# MARINE BOILER

SCALE 1/2 INCH = 1 FOOT

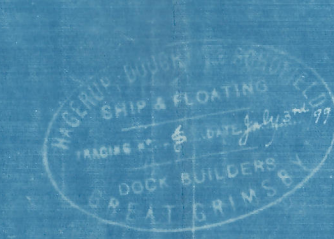
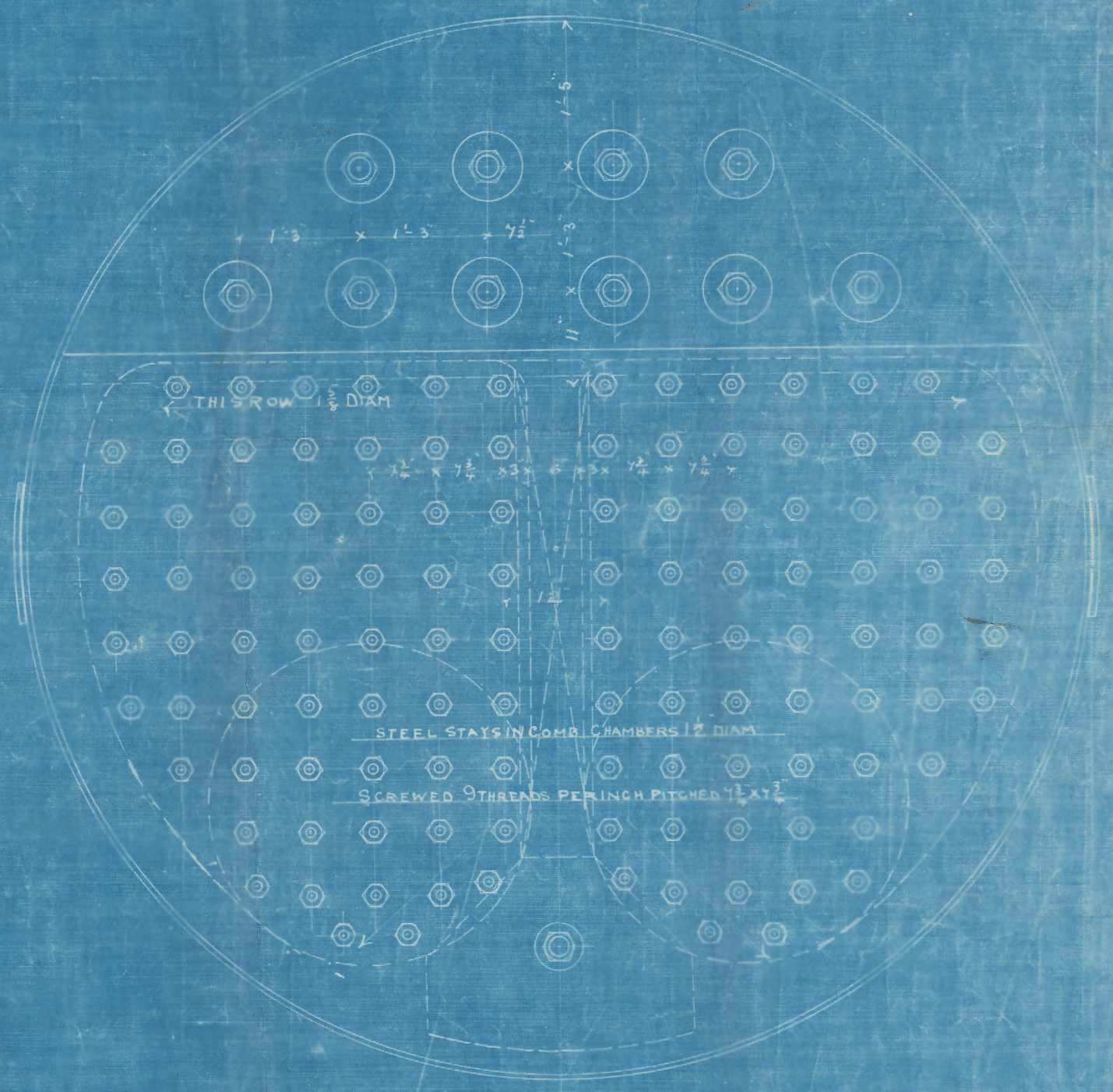
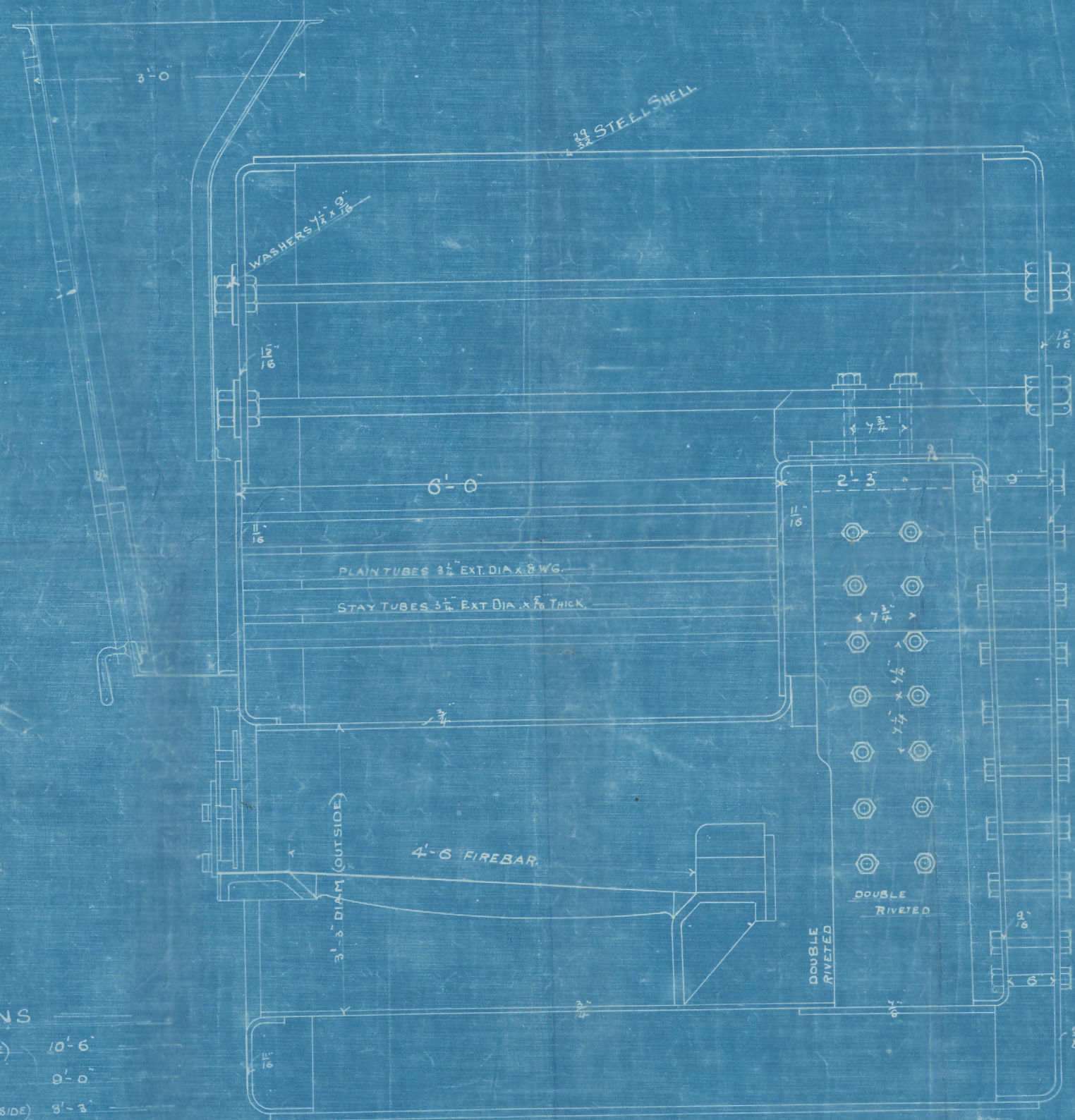
NOTE TENSILE STRENGTH OF SHELL PLATES AND BUTT STRAPS FROM 25 TO 32 TONS

*Armstrong report no. 1803.*



## DIMENSIONS

DIAMETER OF BOILER (INSIDE)	10'-6"
LENGTH OF BOILER	9'-0"
DIAMETER OF FURNACE (OUTSIDE)	3'-3"
NUMBER OF PLAIN TUBES	82
NUMBER OF STAY TUBES	44
TOTAL NUMBER OF TUBES	126
TOTAL NUMBER HEATING SURFACE	7363
TOTAL FIRE GRATE	88
WORKING PRESSURE	160 LBS PER SQ INCH





Enc 11. 1803

