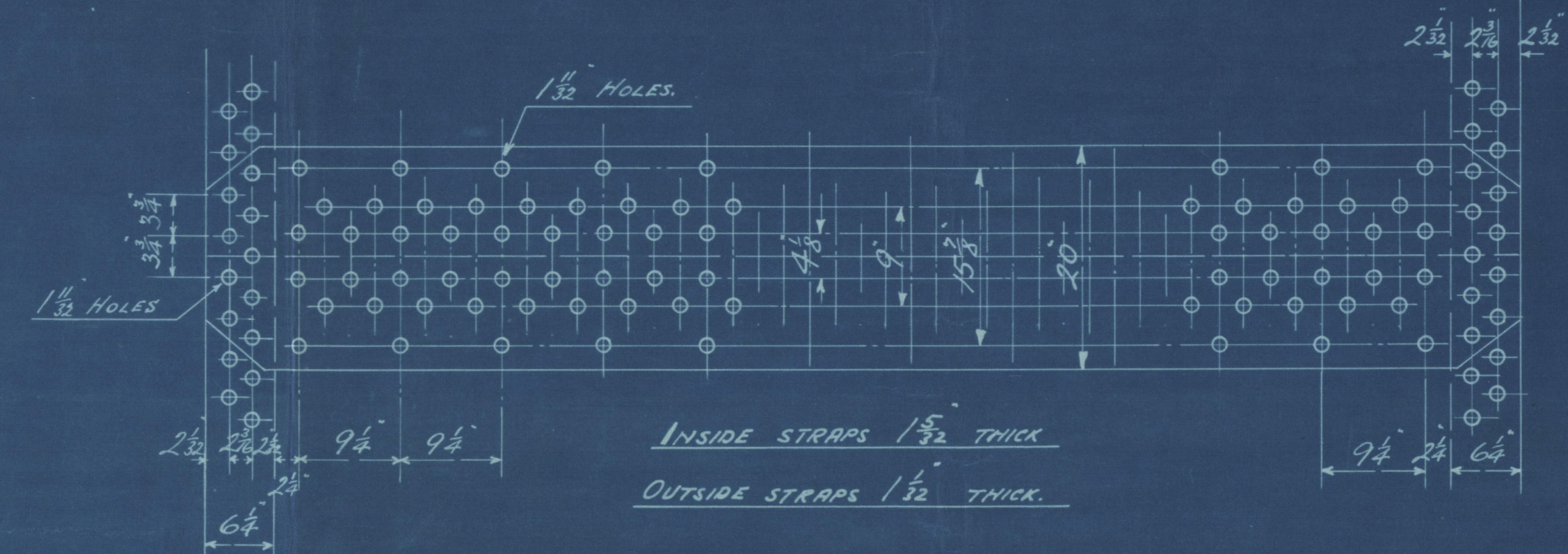
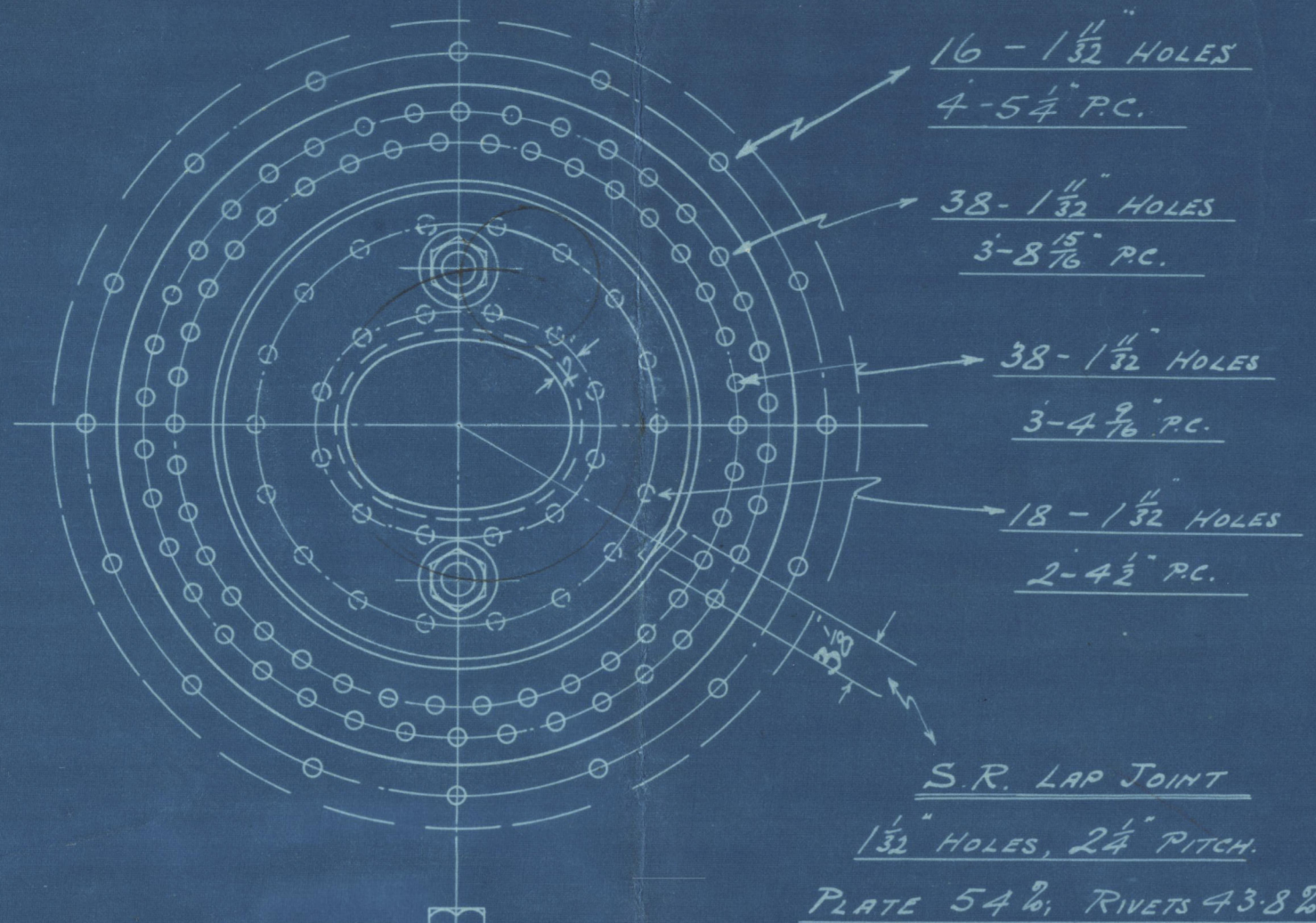


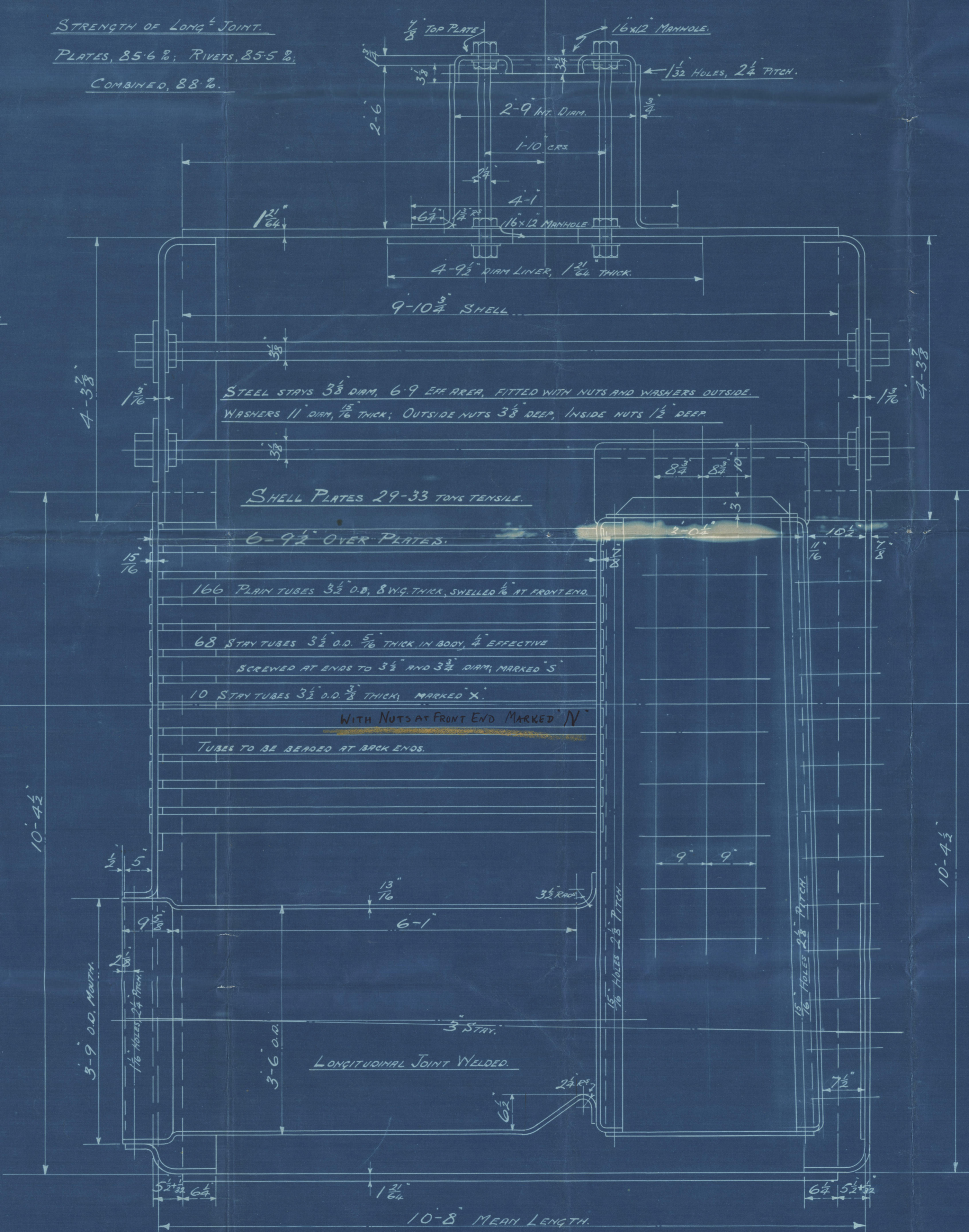
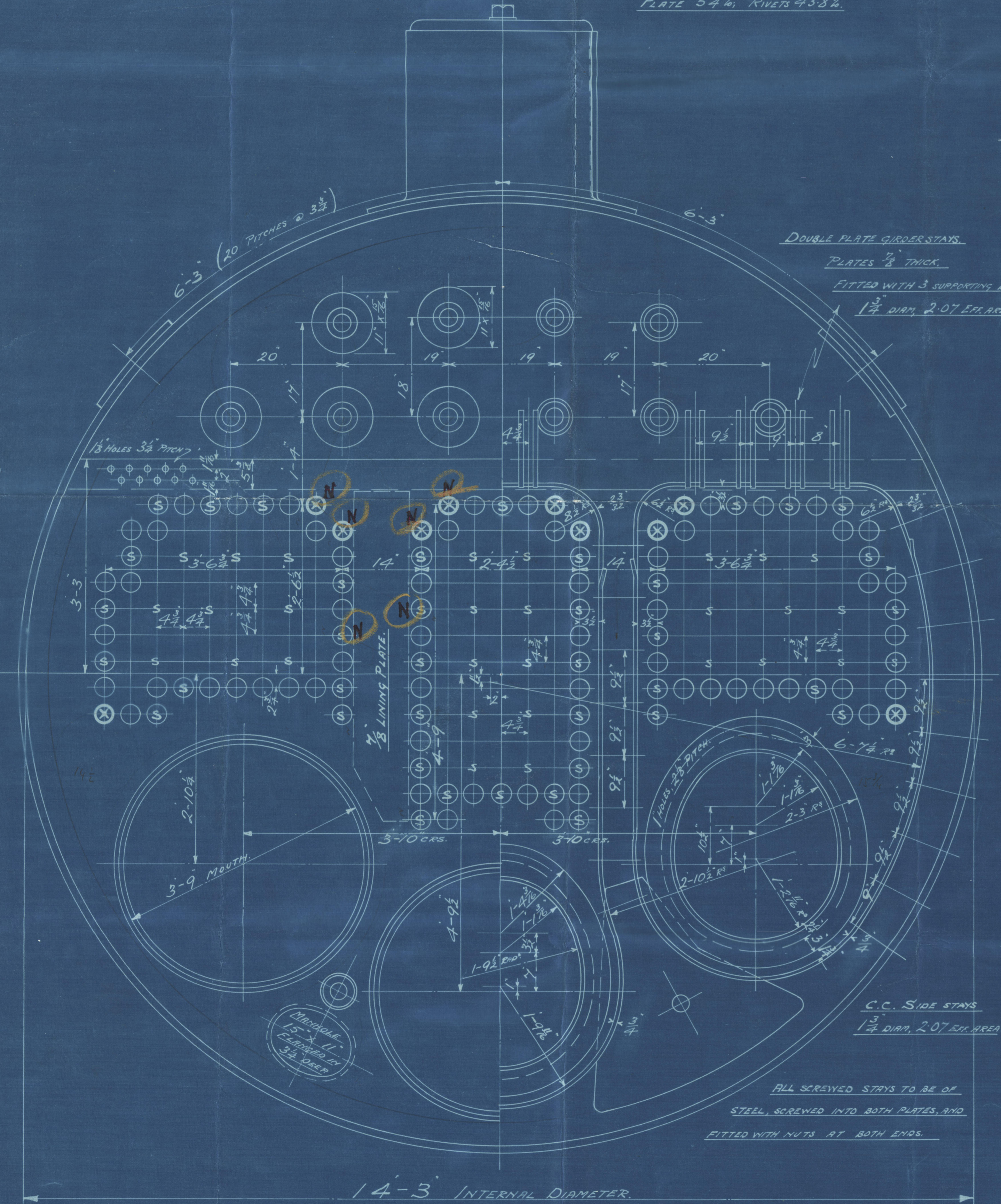
DIMENSIONS.

TOTAL HEATING SURFACE	1866 $\frac{1}{2}$
SURFACE OF TUBES	1490 $\frac{1}{2}$
AREA OF FIRE GRATE	
LENGTH OF TUBES	244
NO. OF TUBES	244
DIAM. OF TUBES OUTSIDE	3 $\frac{1}{2}$
LENGTH OF TUBES (OVER PLATES)	6-9 $\frac{1}{2}$
WORKING PRESSURE	210 $\frac{1}{16}$ PSI
DIAM. OF SAFETY VALVE	2 $\frac{1}{2}$ DOUBLE. (CORR. FILING)



STRENGTH OF LONG. JOINT.
PLATES, 85.6 $\frac{1}{2}$; RIVETS, 85.5 $\frac{1}{2}$.
COMBINED, 88 $\frac{1}{2}$.

SHELL, STRAPS, COMPENSATING RING AND GIRDERS :- 29-33 TONS TENSILE.
ALL OTHER PLATES, INCLUDING DOME SHELL AND TOP PLATE :- 26-30 TONS TENSILE.
LONGITUDINAL AND DOME STAYS :- 28 TONS MIN. TENSILE.
COMBUSTION CHAMBER STAYS :- 26
RIVETS :- 23 TONS SHEAR.
LONGITUDINAL AND DOME STAYS :- 8 THRS/INCH.
COMBUSTION CHAMBER STAYS :- 10 THRS/INCH.
L.V. IRON STAY TUBES :- 9 THRS/INCH.



STAYS THUS 1 1/2 inch DIAM.
2.4 EFF. AREA.
STAYS THUS 2 inch DIAM.
2.75 EFF. AREA.

STEEL BOILER NO 1408

PLAN NO S131



CHARLES D. HOLMES & CO. LTD.
ENGINEERS & BOILER MAKERS
HULL 5/7/30



Comments after
11/7/30
HULL
DRAWING NO.

C. D. Holmes & Co.,

Boiler No 1408.

Working Pressure 210 # "□"
"Jervan" Ex

S.S. "Rylston"

HULL REP

121353.



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Lloyd's Register
Foundation

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