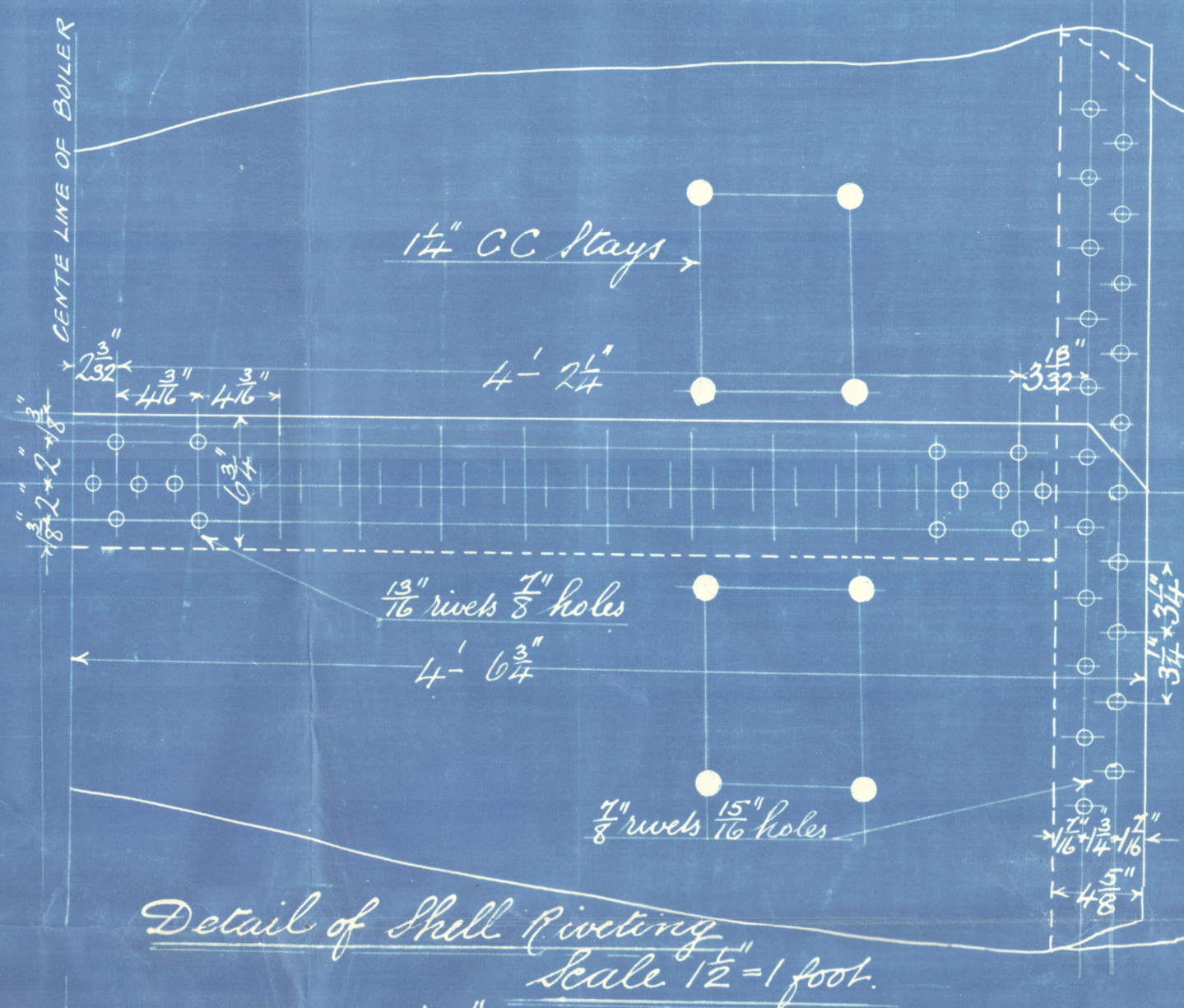
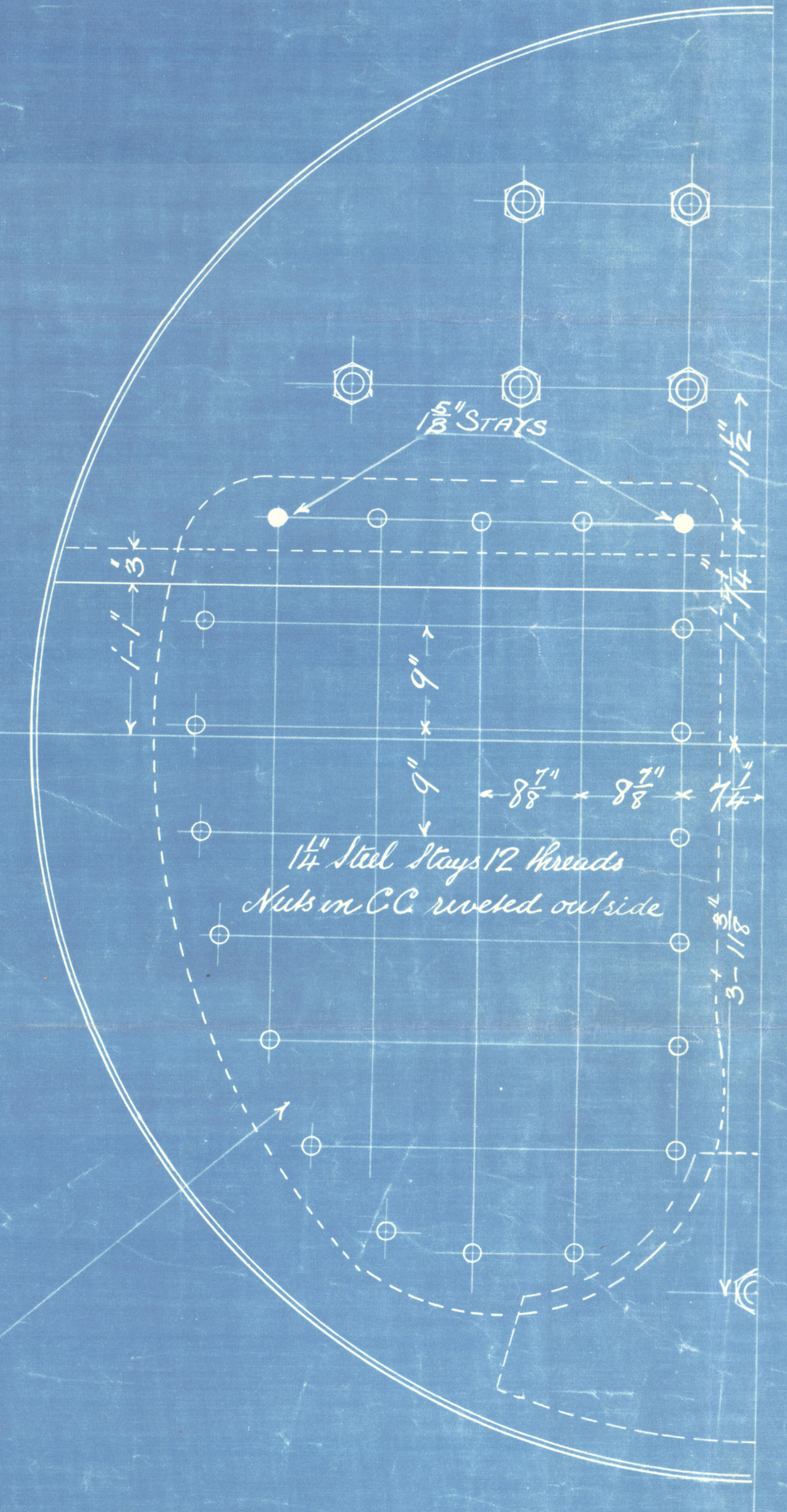
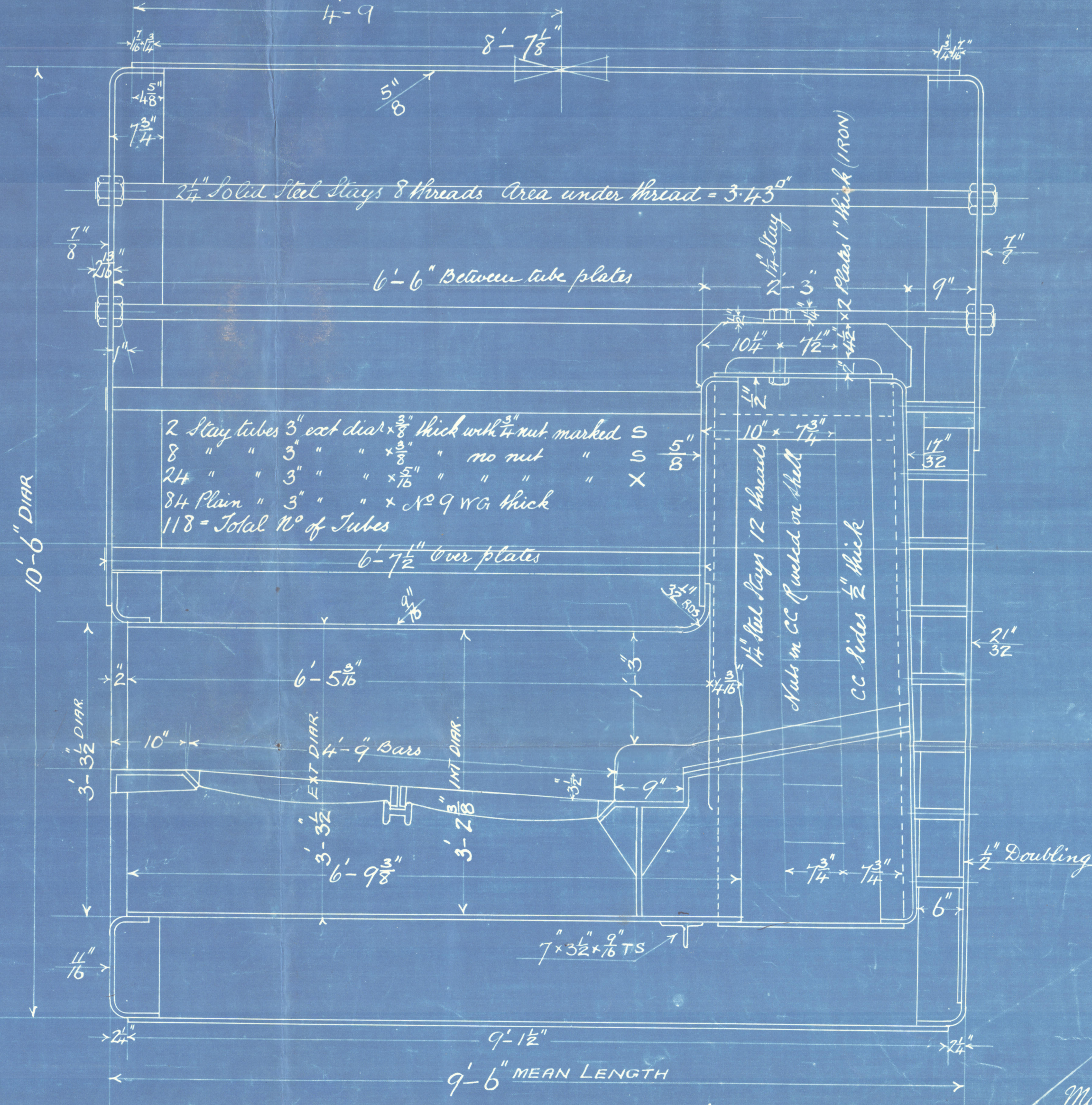
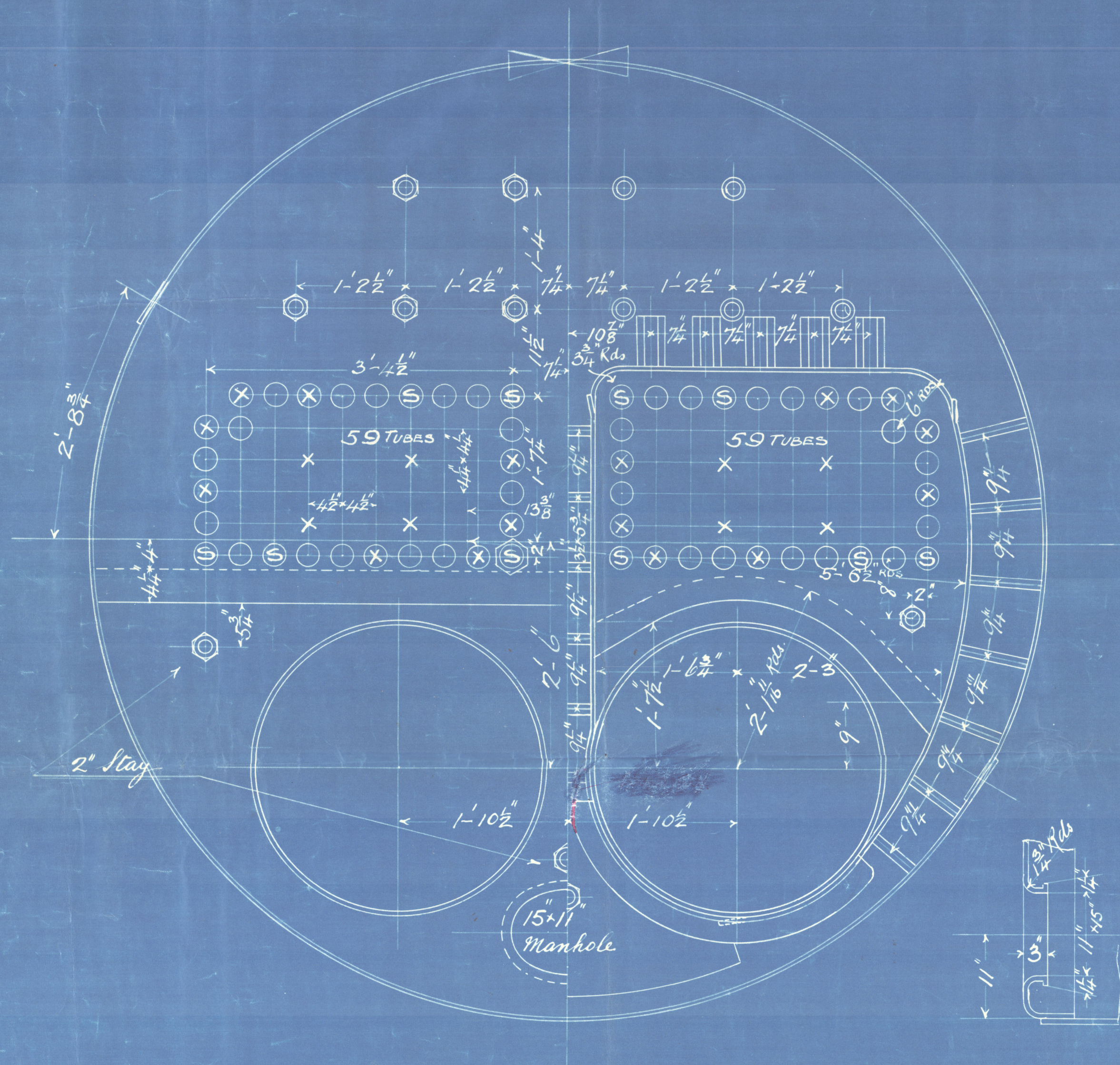


30.1.05

Particulars		
Heating Surface	118 tubes	602 #
"	" 2 Furnaces	73 #
"	" 2 Comb. Chan	101 #
"	" Total	776 #
Grate Area (4-9 bars)		30 #
Area thro tubes		4.525 #
Ratio $\frac{H.S.}{G.A.}$		25.8
" area thro tubes		6.6
Steam Space		174.5 Cu. ft.



Riveting
Longitudinal Seams
Shell $\frac{5}{8}$ " rivets $\frac{13}{16}$ " holes $\frac{5}{8}$ " pitch 4 $\frac{3}{16}$ " plate % 79 rivet % (BOT) 77 rivet % (LLOYD) 78
Shell plates to have a minimum tensile strength of 28 tons & a maximum of 32 tons per sq inch
Circumferential Seams
Rivets $\frac{7}{8}$ " holes $\frac{15}{16}$ " pitch 3 $\frac{1}{4}$ " plate % 71.1 rivet % (BOT) 57 rivet % (LLOYD) 57.8
All holes drilled in place Boiler Steel Tubes & Girders iron MS Keils 16" x 1 1/2" Manhole door & ring in shell
Under The Board of Trade & Lloyds surveys for a working press of 100 lbs per square inch



One Steel Donkey Boiler thus

Scale 1" = 1 foot

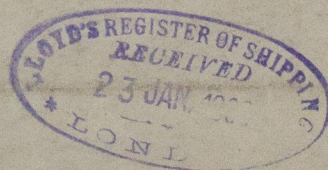
REPORT FOR NOS 291.292.

24/12/04

291-2



Kilchattan
Gls. nrt. no. 23459



Dunsmuir & Jackson

291-2

Dun Key Co.

s/s "Kilchattan."

s/s

W 961-0134



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Foundation