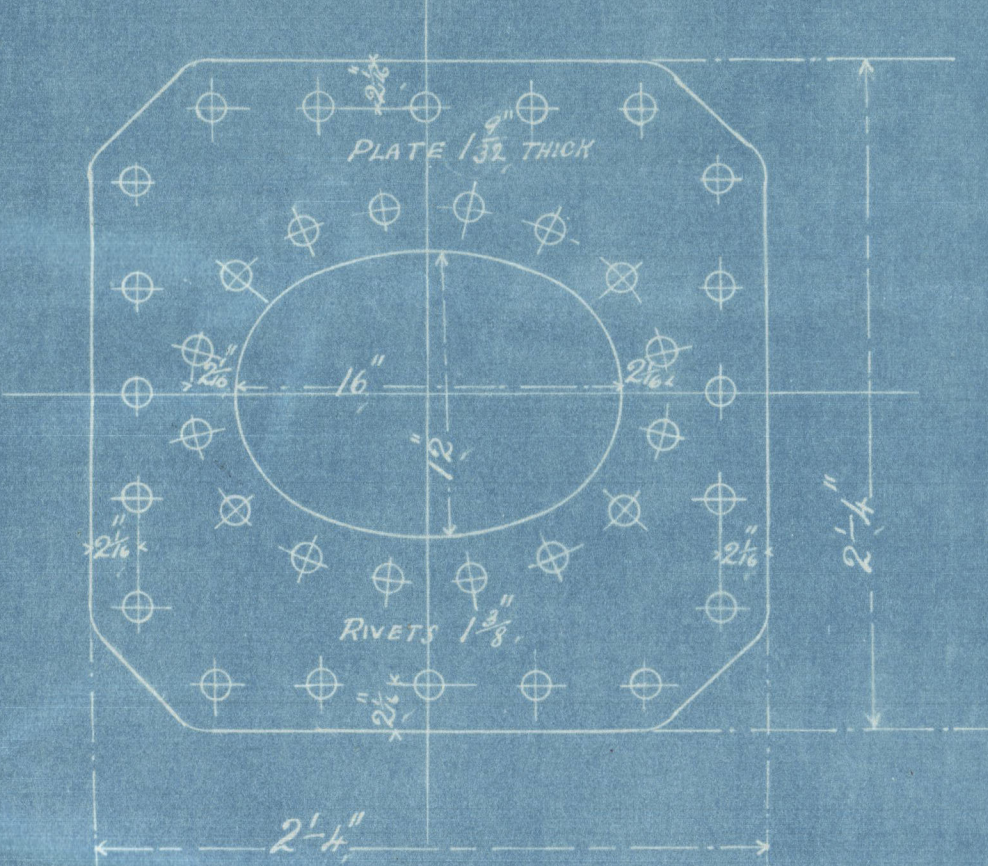
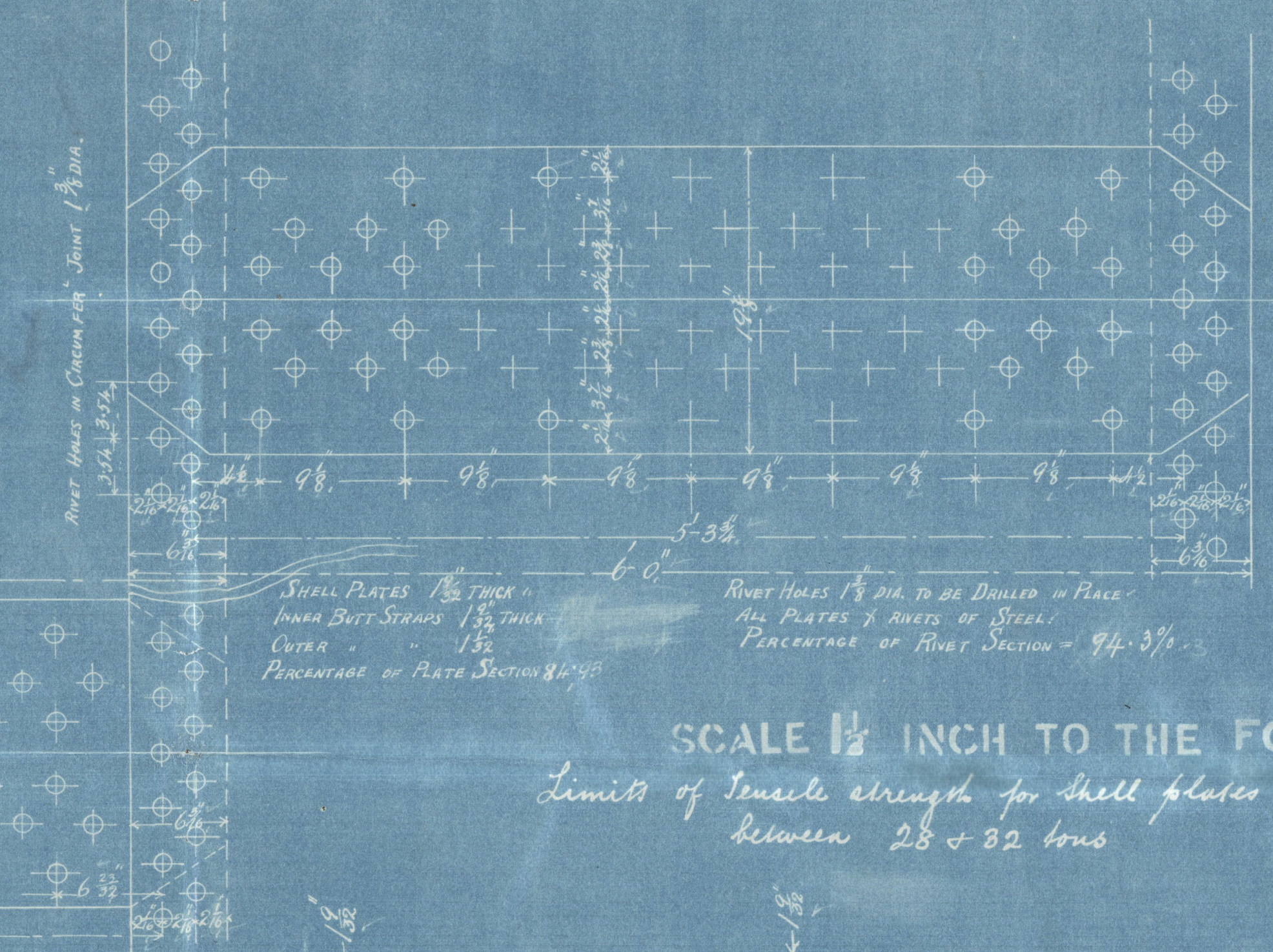
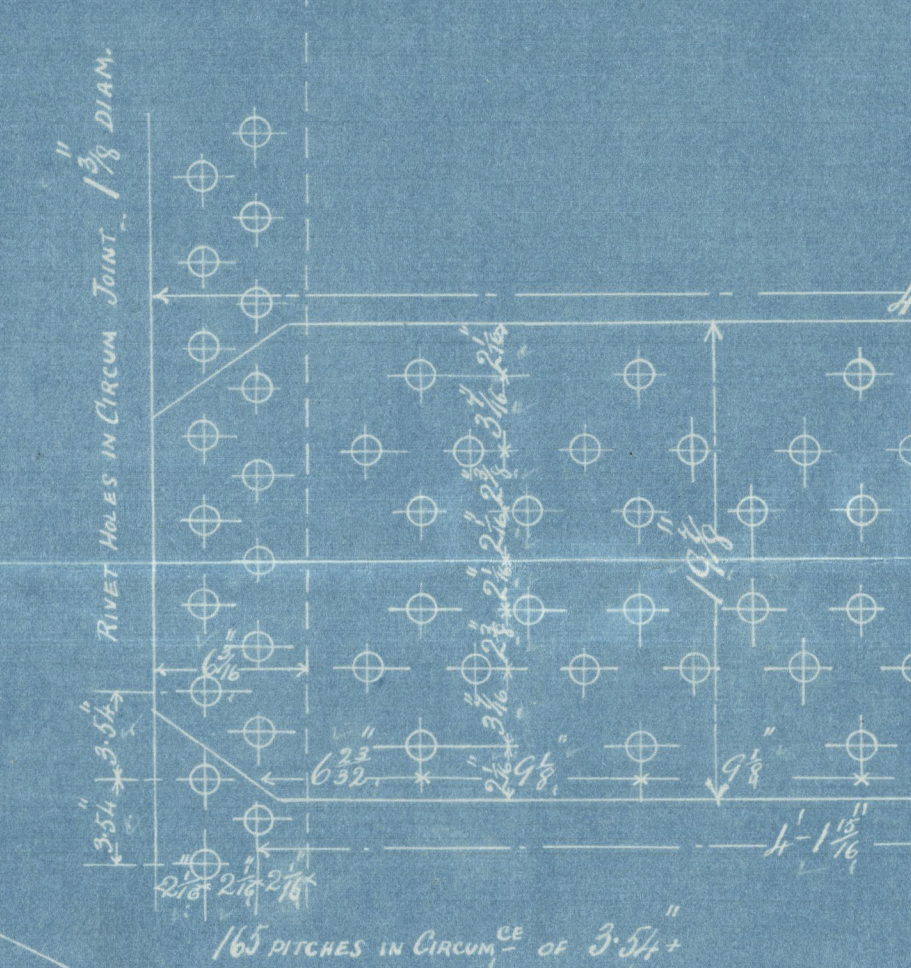


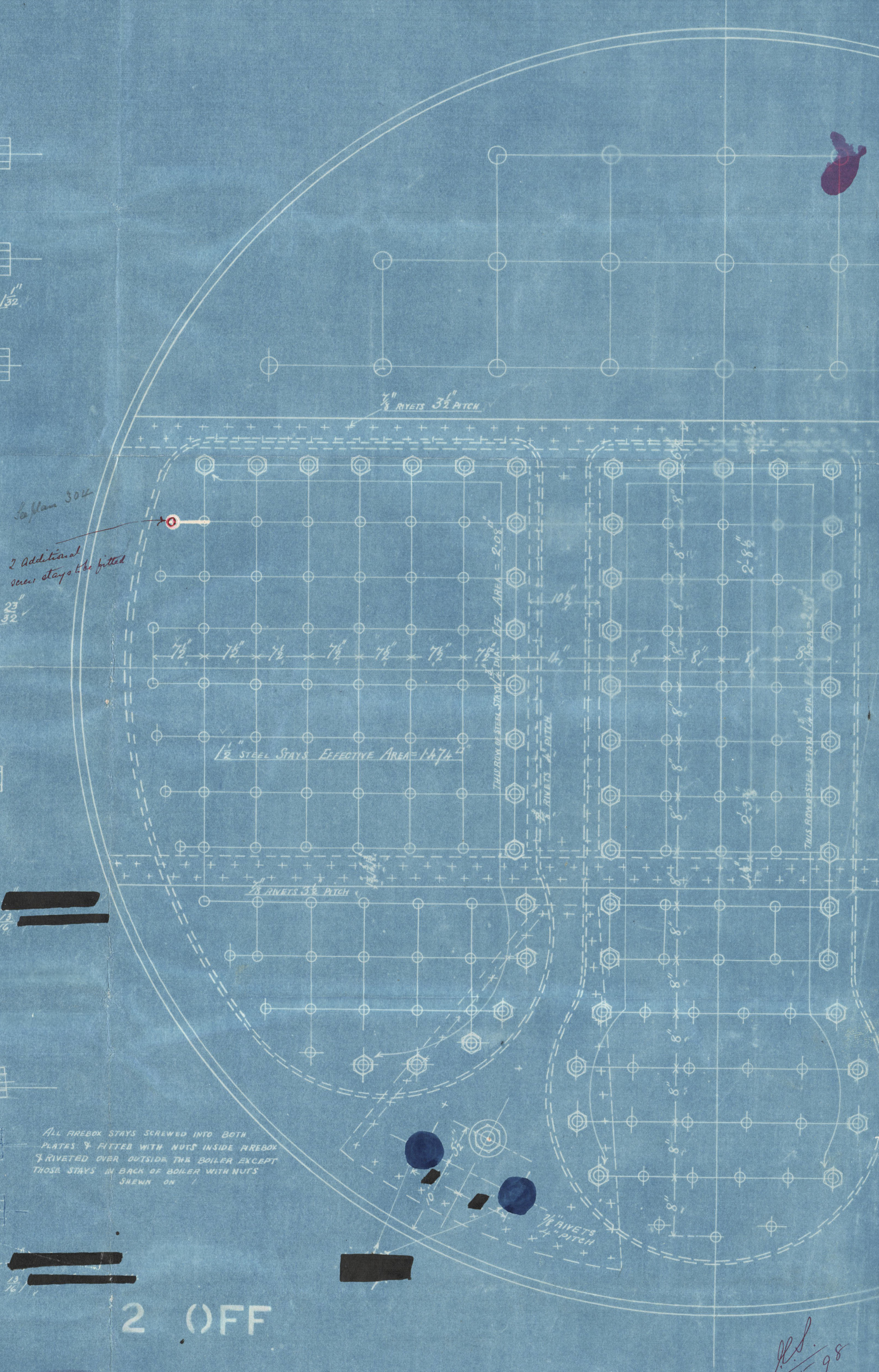
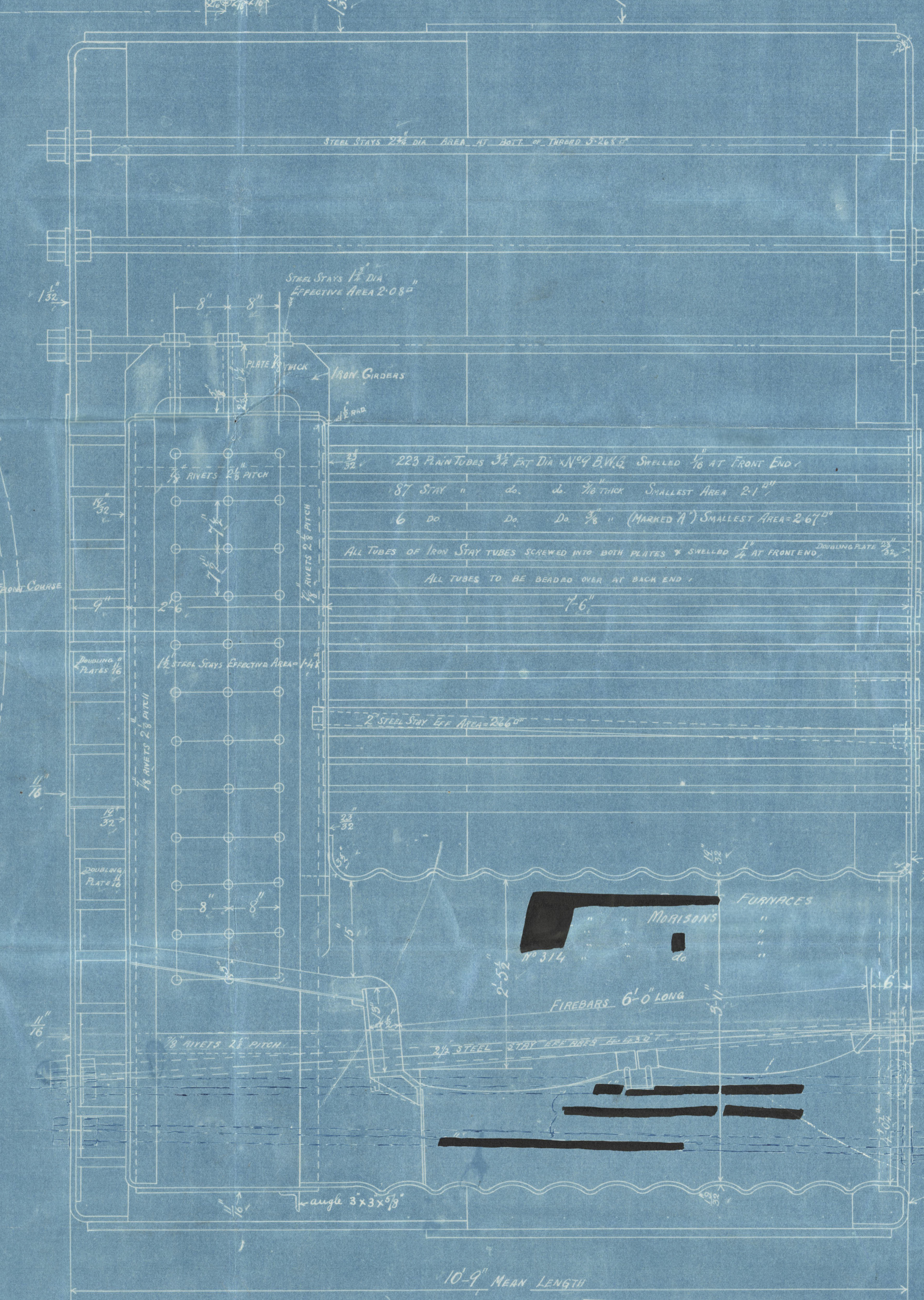
THICKNESS OF PLATES	302-4-13-14	HEATING SURFACE	ONE BOILER TWO BOILERS
SHELL OF BOILER	1/2"	316 TUBES 3/4" DIA X 7'-0" LONG	2014 # 1028 #
INNER BUTT STRAP	1/2"	COMBUSTION CHAMBERS	177 # 352 #
OUTER "	1/2"	FURNACES	152-7 # 305 #
TOP FRONT BACK	1/2"	TOTAL	2345-7 # 4691-4 #
FRONT TUBE PLATE	1/2"	GRATE SURFACE	703 # 141 #
BOTTOM FRONT PLATE	1/2"	WATER SURFACE	146-7 # 293-52 #
CENTRAL BOTTOM BACK	1/2"	STEAM SPACE	254 cu ft 913 cu ft
BACK TUBE PLATE	1/2"	AREA THROUGH TUBES	14 # 28 #
FURNACES	1/2"	RATIO OF GRATE TO HEATING SURFACE	1 to 33.2
WELLS TOP OF FIREBRICKS	1/2"	Do Do TUBE	1 to 25.0
BACK OF FIREBRICKS	1/2"	Do Do WATER	1 to 2
BOTTOM OF FIREBRICKS	1/2"	Do Do AREA THROUGH TUBES	5 to 1
DOUBLING ON FRONT TUBE PLATE	1/2"	Do Do STEAM SPACE	1 to 6.1
Do ON CENTRAL BOTTOM BACK	1/2"	% OF BOILER ABOVE FIREBOX	31.9 %
Do FOR MANHOLE ON TOP	1/2"	WEIGHT OF WATER IN BOILER	2349-0-0 17-16-0-0
		LENGTH OF FIREBOX 6'-0"	

12:5:98
OPTION



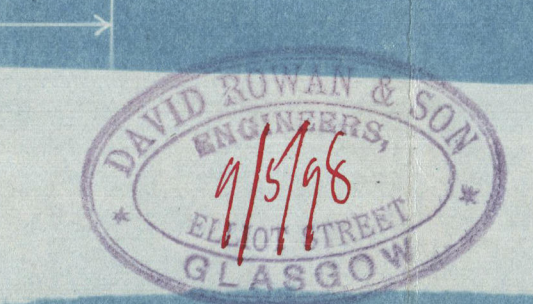
SCALE 1/2 INCH TO THE FOOT
Limits of tensile strength for shell plates
between 28 + 32 tons

DOUBLING PLATE FOR MANHOLE
ON TOP



WORKING PRESSURE 180 LBS

MAIN BOILERS 314



SCALE INCH TO THE FOOT

D. Rawan & Son 314

~~W. Hamilton & Co.~~

~~M. Mullens, S.S. 143~~

Exp.

~~" 144 319~~

~~" 145 321~~

~~" 146 322~~

~~" 147 323~~

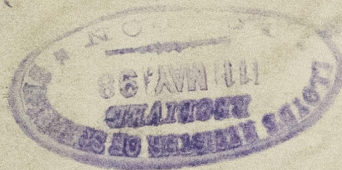
~~" 148 324~~

S. S. Winchester
London

Glasgow Report

No. 17203

GRK 347-0079



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