Heating Surface.

Tubes.	2417
Furnaces.	162
Comb. Chambers	291
Total.	2870
Grate Area.	7475
Ratio.	38·41.

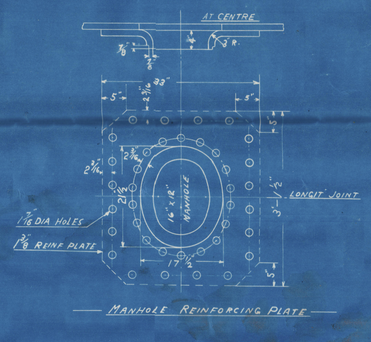
All Rivet Holes Drilled In Place
Main Stays Swelled At Ends By Hydraulic Pressure And Annealed.
All Riveting As Far As Possible To Be Driven By Hydraulic Pressure
All Seams To Be Caulked Inside & Out

Riveting.

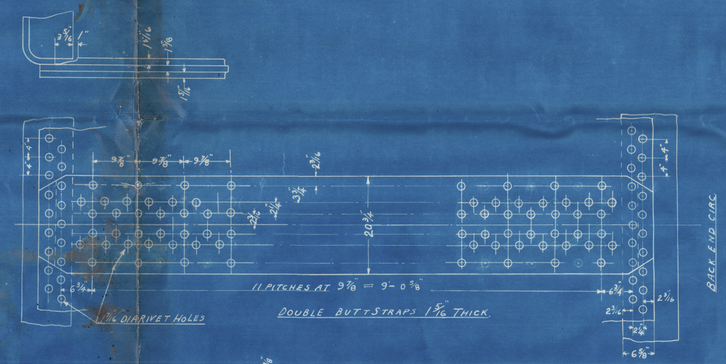
	Longl.	Back End Circ.	Front End Circ.
Rivet Hole Dia.	1 1/16	1 1/16	1 1/16
Pitch.	9 7/8	7	4
% Plate.	85·45	64	64
% Rivet	90·5	56	56.

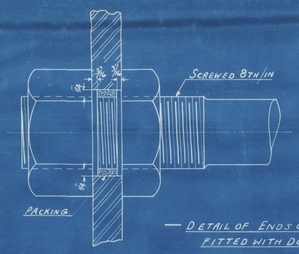
Limits Of Tensile Strength & Material

Shell Buttstraps	60.000	Siemens Martin Steel.
& Girders.	60.000	
Other Plates.	55000·65000	
Furnaces.	55.000·65.000	
Main Stays.	28·32 Tons	
Screwed Stays	26·30 "	
Rivet Bars	26·30 "	

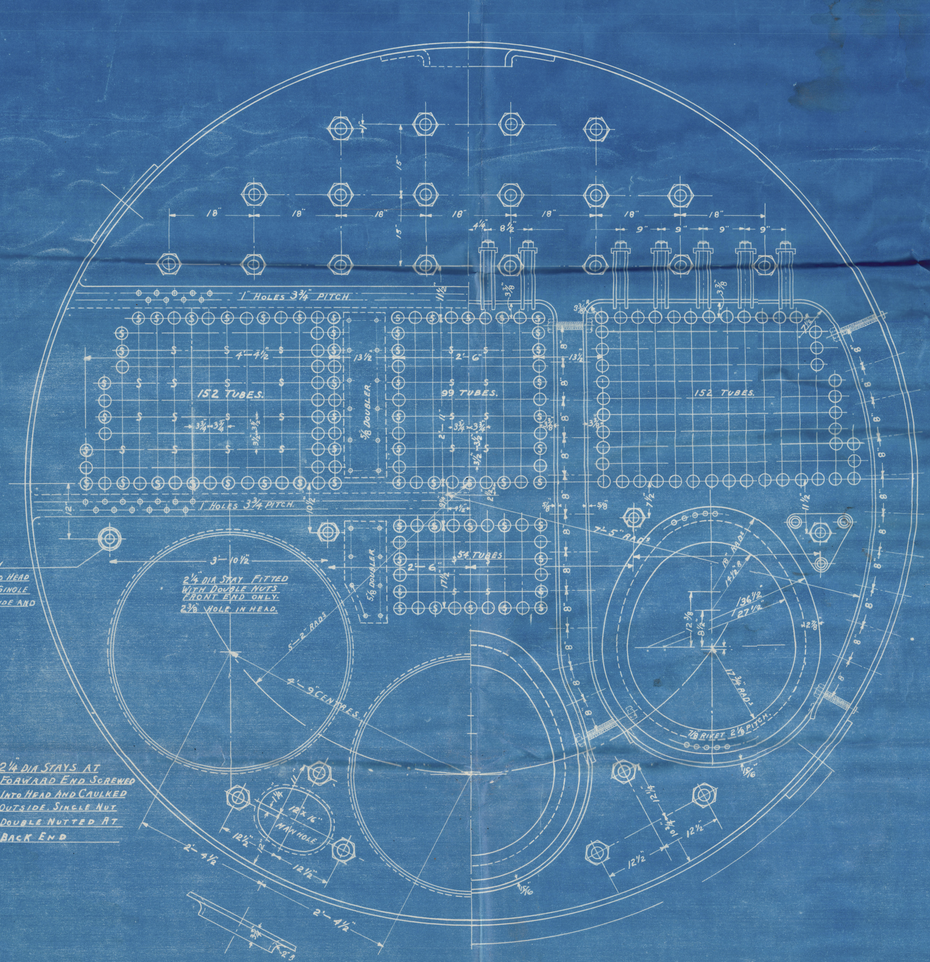


— Manhole Reinforcing Plate



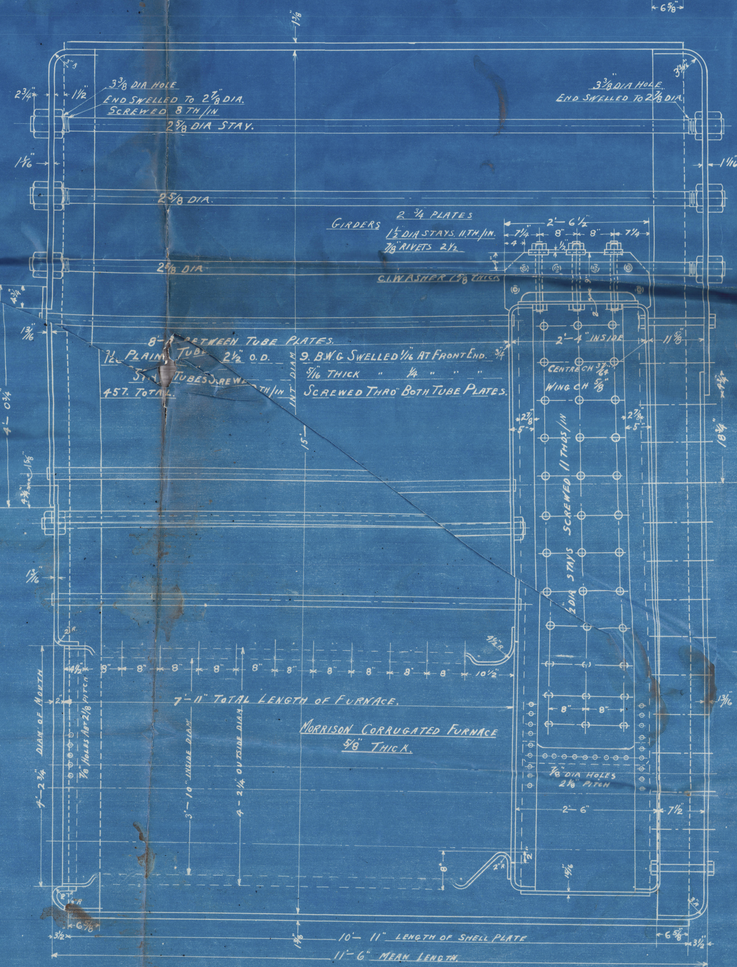


— Detail of Ends of Stays — Fitted with Double Nuts.



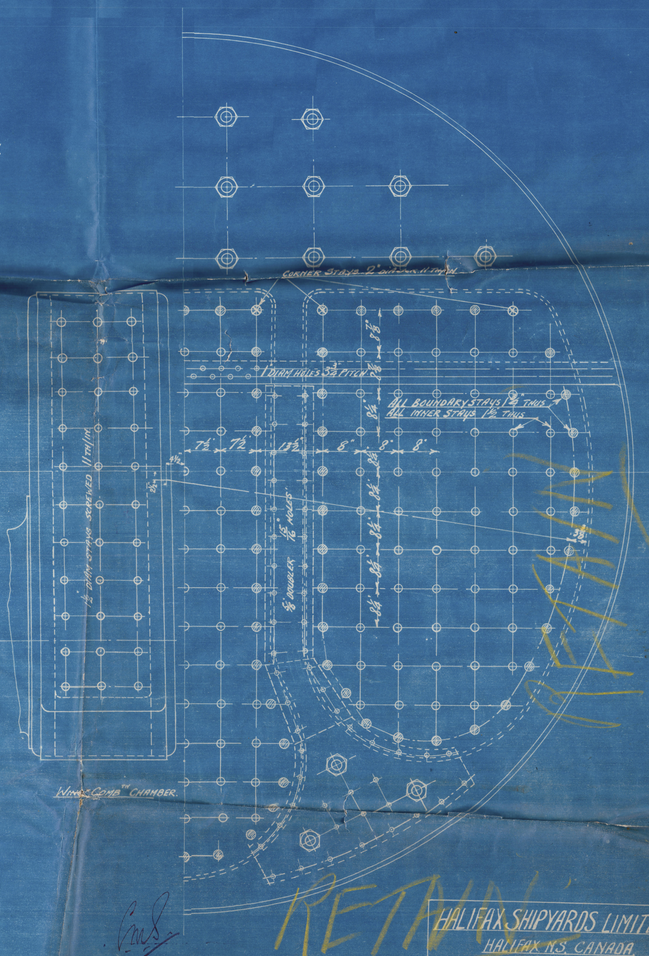
HALF FRONT END VIEW

HALF SECTION.



SECTIONAL ELEVATION.

Working Pressure 180 Lbs. /a Water Test Pressure 360
To Pass Lloyds Survey & Canadian Government Inspection.



BACK ELEVATION

APPROVED
LLOYDS REGISTER OF SHIPPING
MAR 18 1920
NEW YORK

RETAIN

"Canadian Cruiser"

Halifax Shipyards Limited	
Halifax N.S. Canada.	
Boiler For H 3-4	
15'-6 Diam - 11'-6 Long.	
Engine N° 3-4	
Plan N° 80	
Scale 1" = 1 Foot	
Date 16/3/20	
N.E. McClelland & Co Limited Montreal	