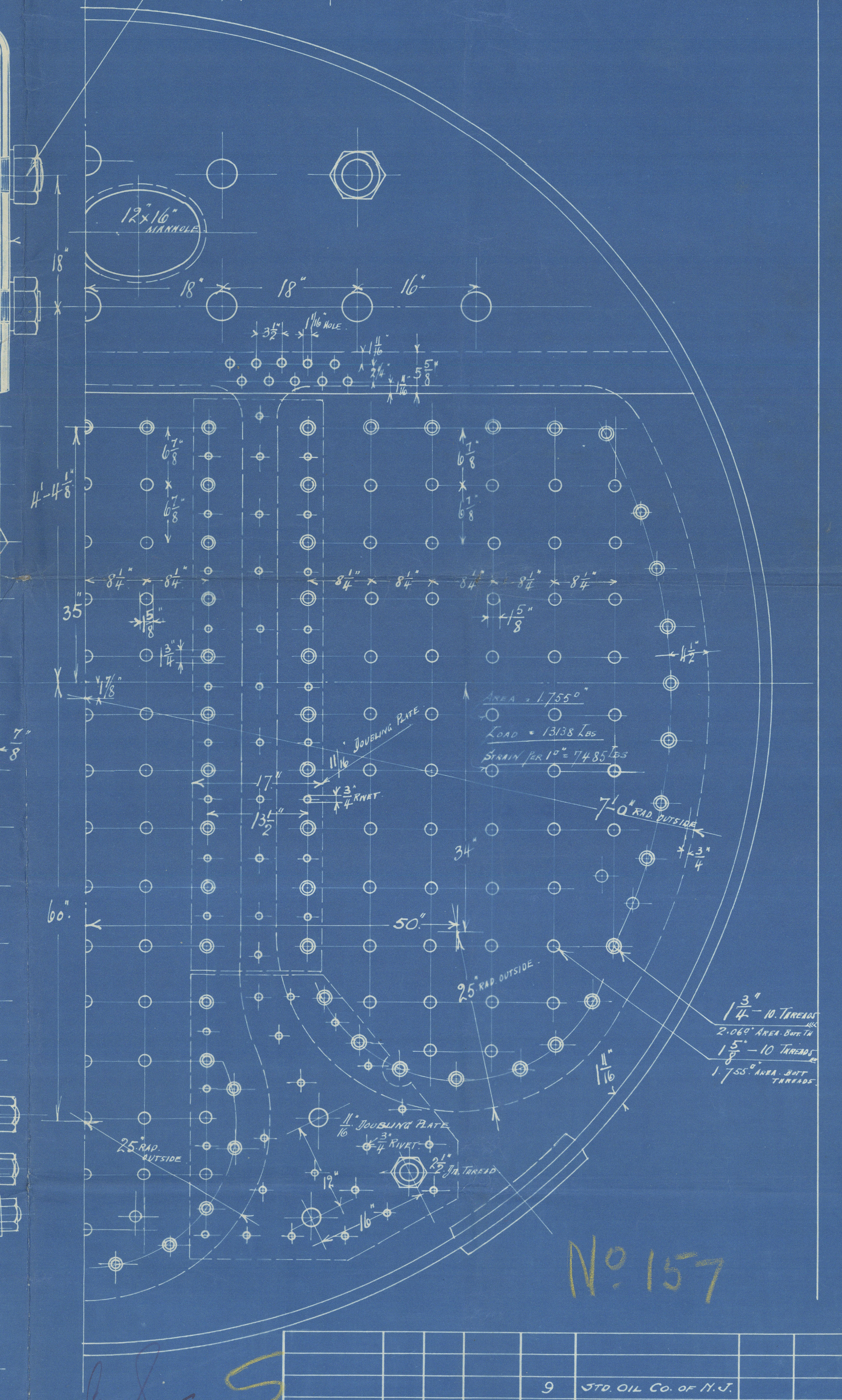
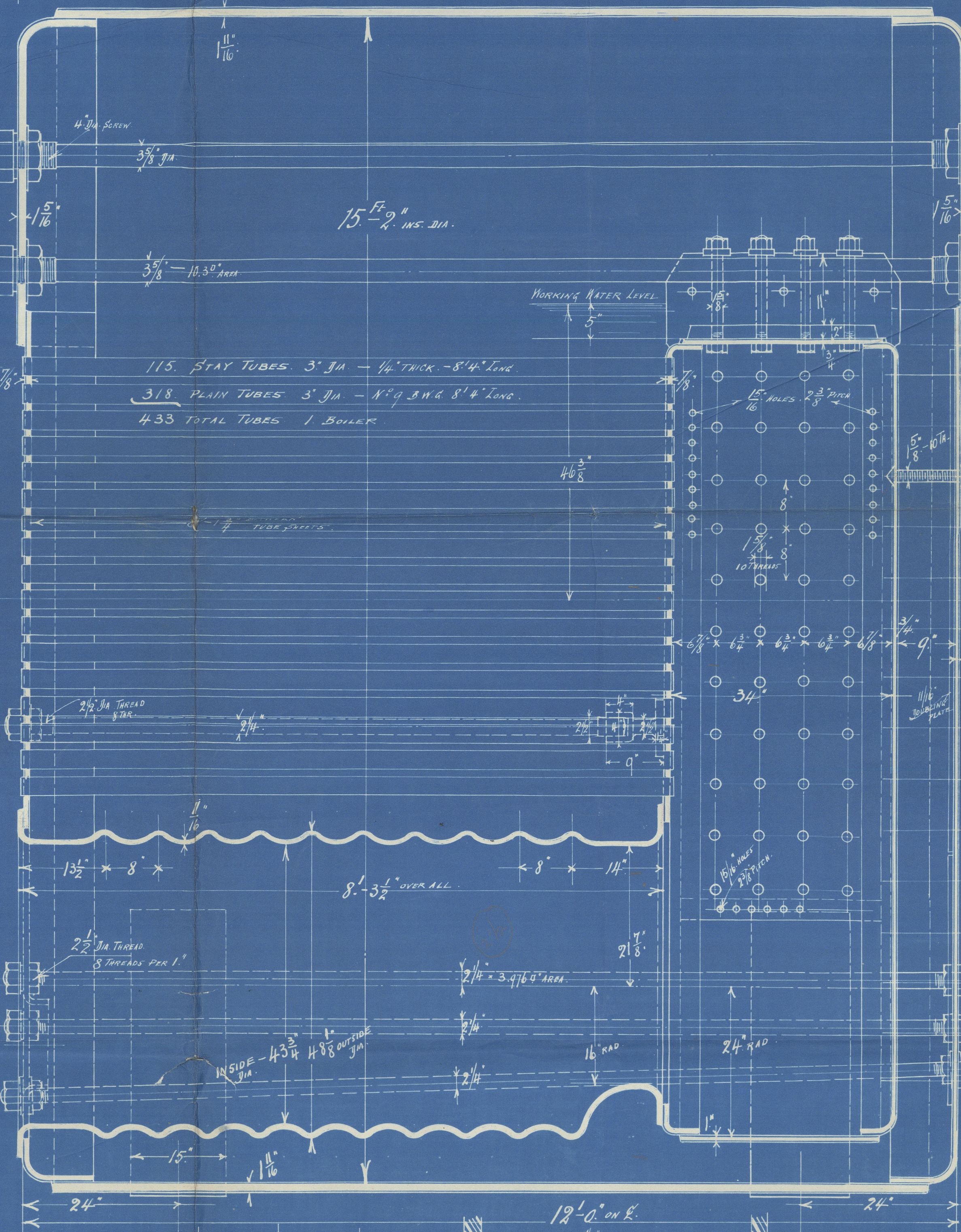
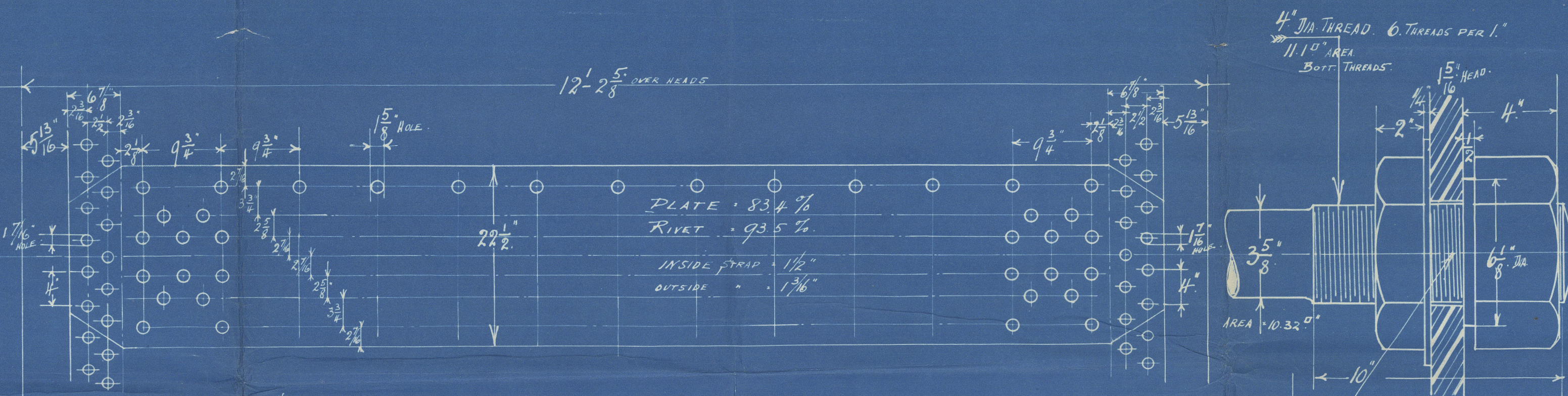


PART OF BOILER	U.S.A. RULES	WORK PRESS.	LEOYD REGULATIONS	WORK PRESS.	AMERICAN BUREAU	WORK PRESS.
SHELL 1/16"	10000 x 16075 - 185 3/4 185 3/4 x 16075	222.52	21065 x (27.3) x 83.4 183 1/2 x 83.4	239.87	20. x (27.3) x 83.4 x 27 182 x 83	234.34
FURNACE 1/16"	15600 x 0.6875 45.75	234.42	12877 x (11.3) 45.75	235.3	1160 x (11.3) 45.75	231.60
TURNING POINT (BACK) 1/16"	175 x 21 1/2 18.5	237.0	175 x 21 1/2 18.5	237.0	350 x 21 1/2 18.5	238.00
MAIN STAYS 3/8" DIA	217 x 4 1/2 x 2 x 0.75 24.25 x 8 x 3	237	217 x 4 1/2 x 2 x 0.75 24.25 x 8 x 3	240.10	217 x 4 1/2 x 2 x 0.75 24.25 x 8 x 3	237.66
COMB. CHAMBER 1/16"	230 x 4.125 x 36 21.415 x 4.125 x 36	13100	230 x 4.125 x 36 21.415 x 4.125 x 36	248	230 x 4.125 x 36 21.415 x 4.125 x 36	241.00
PROLONG. BURNER 7/8"	14.125 x 2.704 x 87.00 36 x 4.125	226	14.125 x 2.704 x 87.00 36 x 4.125	248	14.125 x 2.704 x 87.00 36 x 4.125	241.00
COMB. CHAMBER 1/16"	120 x 144 24 x 15	310	120 x 144 24 x 15	264	120 x 144 24 x 15	241.00
COMB. CHAMBER 1/16"	50 x 300 x 1 - 2 x 31 50	238	50 x 300 x 1 - 2 x 31 50	272	50 x 300 x 1 - 2 x 31 50	248
WIDE WATER SPACE BETWEEN REST OF TUBES	200 (11.25 x 0.75) x 13.2	232	200 (11.25 x 0.75) x 13.2	314	200 (11.25 x 0.75) x 13.2	248

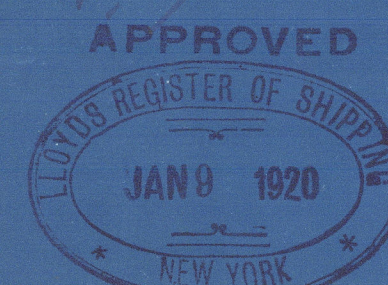
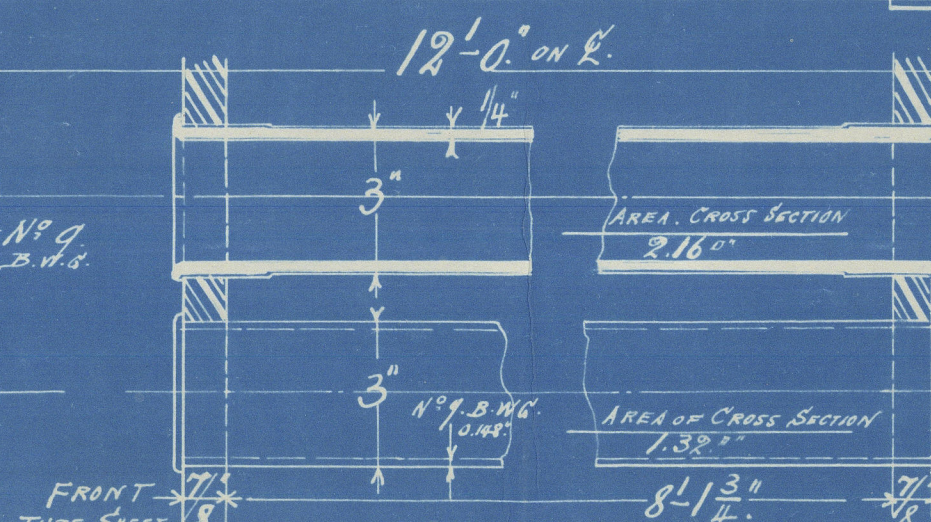


**DATA FOR ONE BOILER**

HEATING SURFACE	433 - 3" DIA TUBES - 8' 4" LONG	= 2775.50 SQ. FT.
	3 - 4 1/2" DIA. FURNACE	= 225 "
	3 - COMB. CHAMBERS	= 300 "
	<b>TOTAL</b>	<b>= 3300 "</b>
TUBE AREA	433 - 3" TUBES	= 17 "
GRATE	5' 6" BARS	= 61.5 "
WORK. PRESSURE	221 LBS. PER 1"	
TEST PRESSURE	U.S.A. & LEYD & AMERICAN BUREAU	
BOILERS FITTED FOR OIL FIRE AND HOWDEN FORCED DRAFT		

**BOILERS**

BUILT TO	U.S.A. RULES AND LEYD REGULATIONS
STEEL PLATES - STEEL RIVETS	ALL RULES, DRILLED
ALL PLATES WELDED IN THE FIRE TO BE ANNEALED WHEN FINISHED	
TENSILE STRENGTH	60000 - 71600 LBS. FOR SHELL STEEL
	58240 - 67220 " " FLANGE "



9	STO OIL CO. OF N.Y.	12-31-19
3	VACUUM OIL CO.	12-31-19
ORDER NUMBER	NAME OR NO. OF VESSEL	DATE
<b>MOORE SHIPBUILDING CO.</b> OAKLAND CALIFORNIA ENGINEERING DEPT. T. <b>SCOTCH MARINE BOILER</b> 15'-2" DIA. x 12'-0" LONG 220" WORKING PRESSURE		
DRAWER NUMBER	SCALE 1" = 1'-0"	DRAWING NUMBER
DATE	DATE	157-B-1
CHECKED BY	APPROVED	



Hull 15 7-16 0 16  
Vacuum Oil

S. 882 96  
000 525 281  
0 331  
-59 5 261

Boiler Plan.

S/S "Vacuum".  
S. No. 3304.

RETAIN

W1002-0123

From S.B. 10.  
Hull 20 7 57



© 2020

Lloyd's Register  
Foundation



To be returned to Lloyd's

Boiler

Moore S.B. Co's

No. 157 "Vacuum"

S.F. Report No 3304

No. 164 "Gatgoyle"

S.F. Report No. 3462

No. 166 "Birkenhead"

S.F. Report No. 3635



© 2020

Lloyd's Register  
Foundation