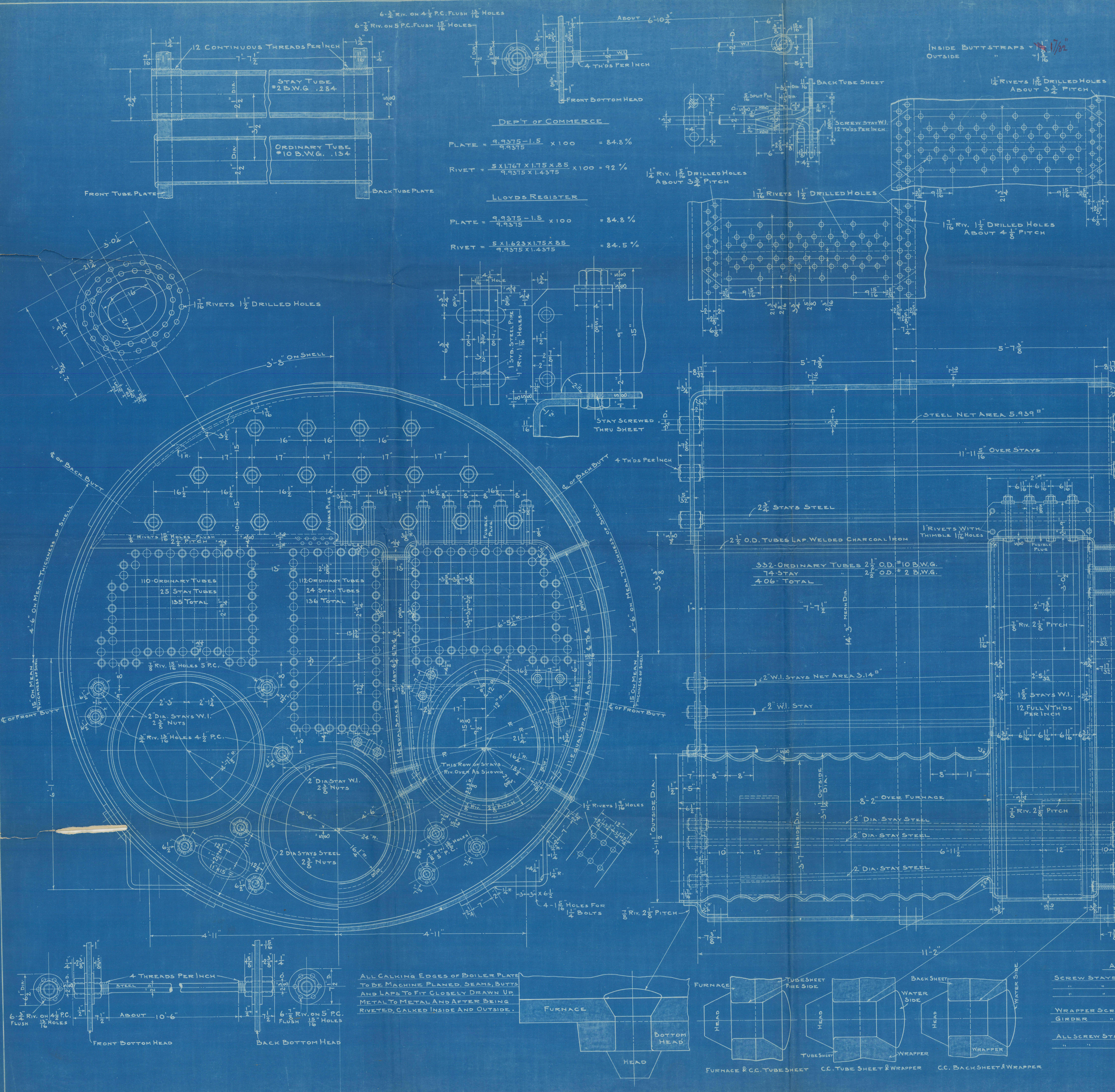


CONSTRUCTED UNDER THE BOARD OF SUPERVISING INSPECTORS DEPT. OF COMMERCE AND LLOYD'S RULES FOR 200 LBS. WORKING PRESSURE				NO.	ALTERATIONS	DATE	APPROVED
DESCRIPTION	THICK.	U.S. RULES	LLOYD'S RULES				
SHELL	1 1/16"	P. 60000 X 1.4375 = 20% 201.7	P. 2184 (15.3) 84.5 = 218.3				
FURNACE	5/8"	P. 15600 X 6.25 = 4.8	P. 1254 (10.2) 47.35 = 233				
TOP HEAD PLATE	5/8"	P. 175 X 1.85 = 13.1	P. 175 X 1.85 = 13.1				
TOP HEAD STAYS	2 1/2"	P. 17 X 15 X 2.00 = 5.93	P. 10400 X 5.93 = 17 X 15				
TUBE PLATE	1 1/16"	P. (3425-2232) 6.875 X 2100 = 3503.15 X 3.625	P. (2675-1332) 1750 X 3.625				
C.C. CROWN PLATE	5/8"	P. 8 X 6.6875 = 24.9	P. 8 X 6.6875 = 24.9				
C.C. CROWN STAYS	1 1/8"	P. 8 X 6.6875 X 2.00 = 6310	P. 7500 X 1.7097 = 12.7 X 6.6875				
WRAPPER PLATE	5/8"	P. 155 X 1.0 = 28.9	P. 155 X 1.0 = 28.9				
WRAPPER STAYS	1 1/8"	P. 7 X 6.6875 X 2.00 = 5500	P. 7500 X 1.7097 = 12.7 X 6.6875				
C.C. BACK PLATE	5/8"	P. 155 X 1.0 = 231.5	P. 155 X 1.0 = 231.5				
C.C. BACK STAYS	1 1/8"	P. 7 X 1 X 2.00 = 5782	P. 7500 X 1.7097 = 12.7 X 6.6875				
CROWN GIRDERS	1 1/2"	P. 411 X 37 X 1.15 = (23001-64312) 2 X 2.75 = 225	P. (3175-66875) 2 X 2.75 = 251				
C.C. BOTTOM PLATE	1 1/16"	P. 50 (300 X 9375-2 X 2.2) = 223	P. 50 (300 X 9375) 2 X 2.2 = 223				
WIDEN WATER PLATE	1"		P. 140 X 16 = 13				
BACK BOTTOM HEAD PLATE	1 1/16"		P. 185 X 15 = 13.5				

TENSILE STRENGTH OF SHELL PLATES AND GIRDERS-60000 TO 71680 LBS.
 " " " FLANGE " " " " 55000 " 65000 "
 WORKING PRESSURE 200 LBS PER SQ. INCH
 WATER TEST " 300 " " " " "
 EVAPORATION-300 LBS. OF WATER PER SQ. FT. OF G.S. PER HOUR
 3 1/2" TWIN SAFETY VALVE-COMBINED AREA = 19.24 "



BLUE PRINTS	BLUE PRINTS
REV. NO.	REV. NO.
DATE	DATE
BY	BY
CHECKED	CHECKED
APPROVED	APPROVED

THE PUSEY AND JONES COMPANY
 MARINE ENGINEERING OFFICE
 GLOUCESTER, N. J.

CONTRACT NO. 1007 CHARGE NO. 514

TITLE: S.E. SCOTCH BOILER

14-3" MEAN DIA. 11-20" OVERHEADS 200 LBS. WORK. PRESS.

MADE BY: J.W. CHARGE MA: J.W.

TRACED BY: J.W. ENGINEER: J.W.

CHECKED BY: J.W. APPROVED: J.W.

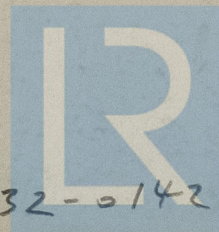
SCALE: 1" = 36" DATE: 12.3.18

DR. NO. 1007-514-4

PRINT No. 2

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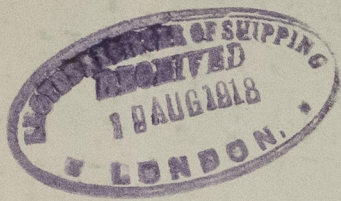
FOR DEPT. LLOYDS



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