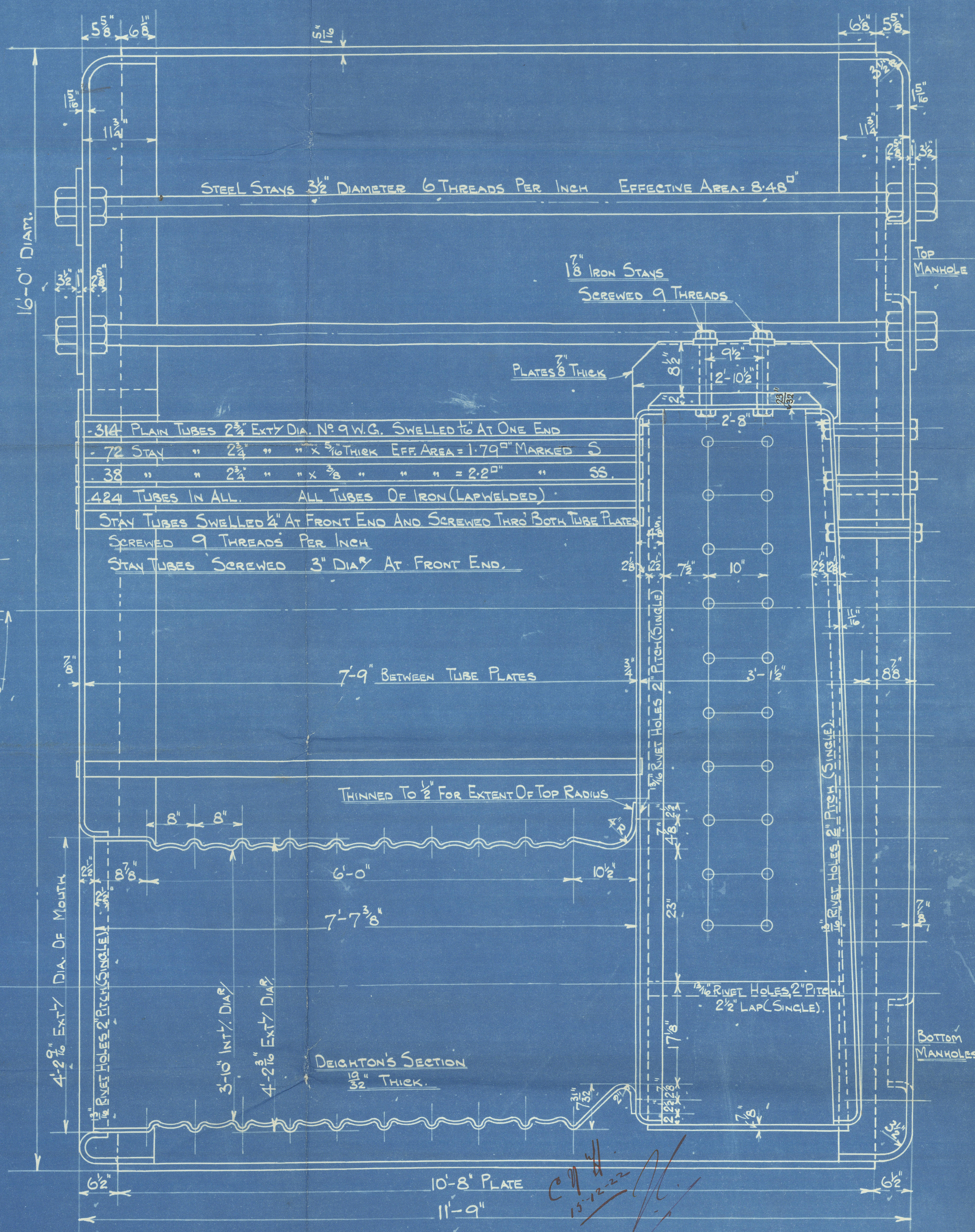
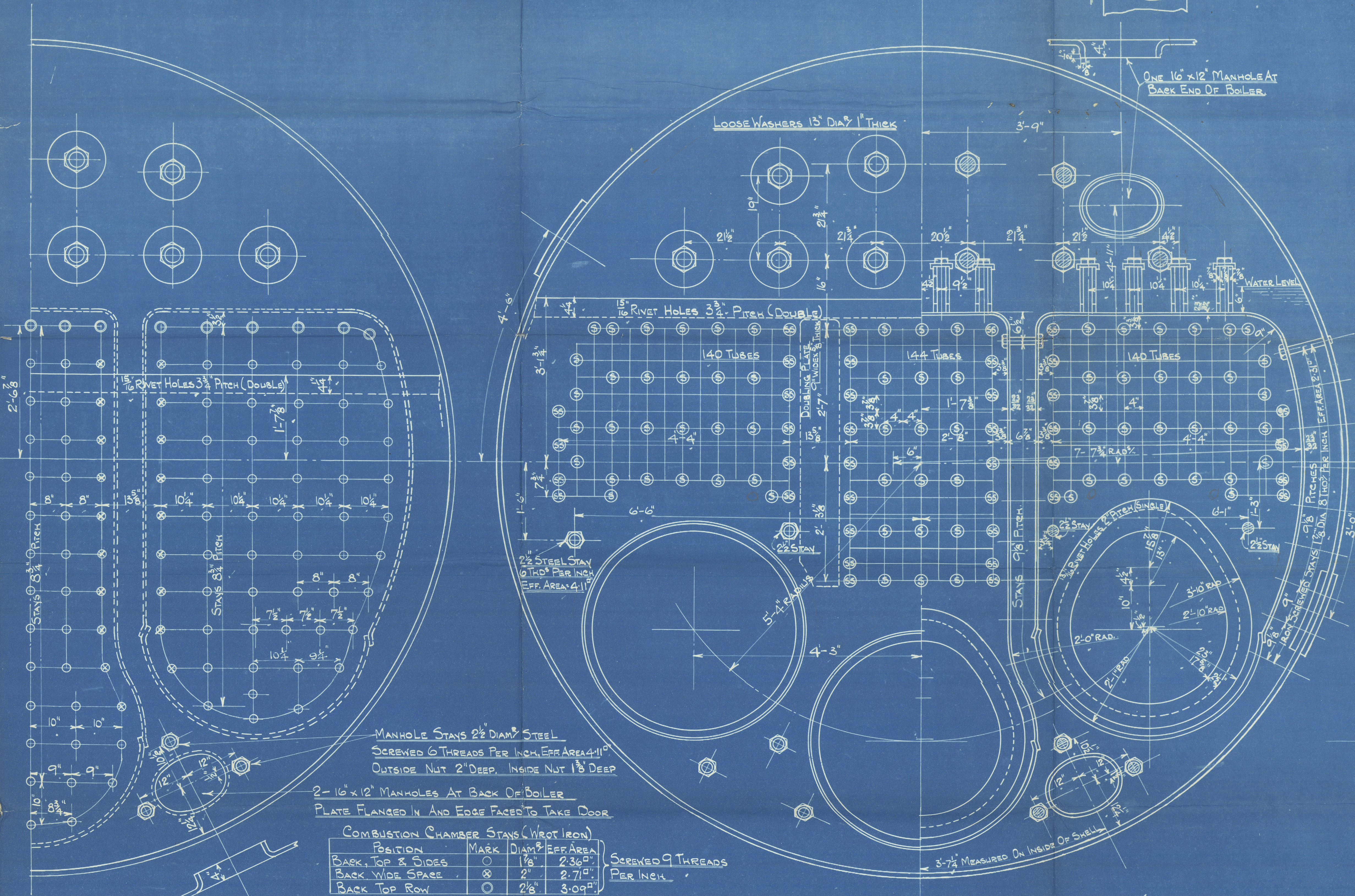
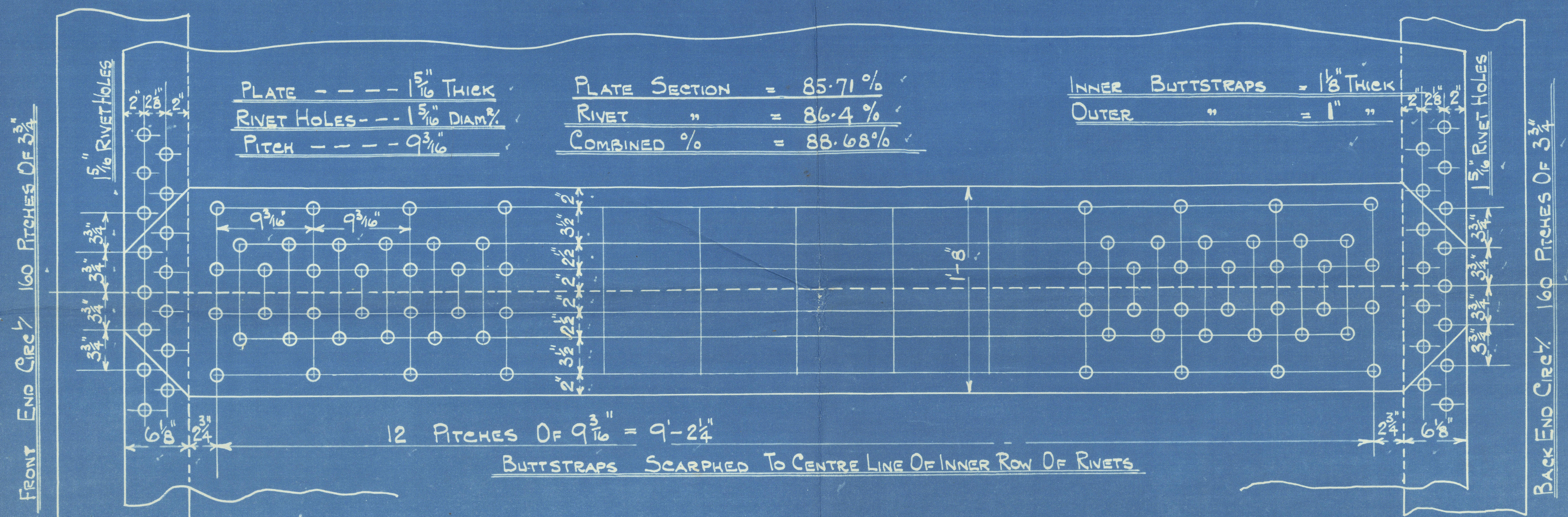


15/12/22

SURFACE	ONE BOILER	3 BOILERS
TUBES	2365 #	7095 #
COMBUSTION CHAMBERS	234 "	702 "
TUBE PLATE	47 "	141 "
FURNACES	174 "	522 "
TOTAL HEATING SURFACE	2820 #	8460 "
GRATE AREA (5'-6" BARS)	633 "	190 "
STEAM SPACE	516 #	1548 #
WEIGHT OF WATER	27 1/2 TONS	83 1/4 TONS

LIMITS OF TENSILE STRENGTH & MATERIAL	
SHELL, BUTTSTRAPS AND GIRDERS	28 TO 32 TONS
OTHER PLATES	26 " 30 "
FURNACES	26 " 30 "
MAIN STAYS	28 " 32 "
RIVET BARS	26 " 30 "
SIEMENS MARTIN STEEL	

ALL RIVET HOLES DRILLED IN PLACE  
WORKING PRESSURE = 180 LBS PER SQ INCH  
TEST " = 320 " " " "  
TO PASS LLOYD'S SURVEY.



COMBUSTION CHAMBER STAYS (WROG IRON)			
POSITION	MARK	DIAM	EFF AREA
BACK, TOP & SIDES	○	1 1/8"	2.360"
BACK WIDE SPACE	⊗	2"	2.719"
BACK TOP ROW	○	2 1/8"	3.097"

ALL COMBUSTION CHAMBER STAYS SCREWED THRO' BOTH PLATES AND NUT FITTED AT EACH END EXCEPT STAYS FROM WING FIREBOX TO SHELL WHICH PROTECT 3/8" AND ARE CAULKED  
ALL 1 1/8" & 2" NUTS 1" DEEP 2 1/8" NUTS 1 1/8" DEEP

ENGINE NO 473.  
MAIN BOILERS. 3 OFF.  
SCALE - 1" = 1 1/2' = 1 FOOT.

8/12/22



3 Main Boilers  
by  
John Readhead & Sons Ltd  
No 473

Working pressure 180 lbs  
Test pressure 320 lbs.

No  
LLOYDS TEST  
320 LBS  
W.P. 180 LBS

"Queenmoor"

No 77468

W557-0019



© 2021

Lloyd's Register  
Foundation



---

S. S. QUEENMOOR.

NEWCASTLE ON TYNE.

Report No. 77468,

---

WSS7-0019



© 2021

Lloyd's Register  
Foundation