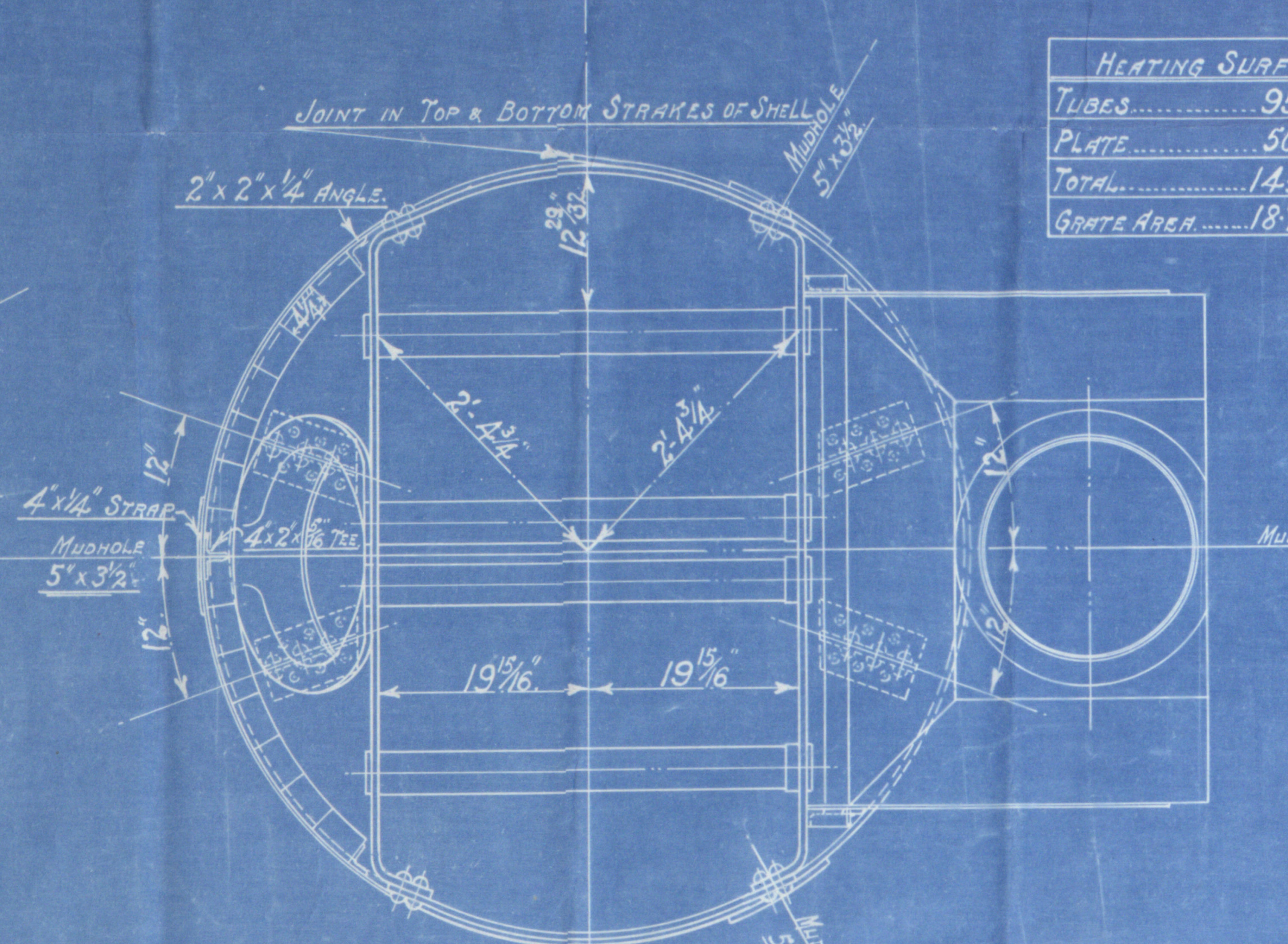
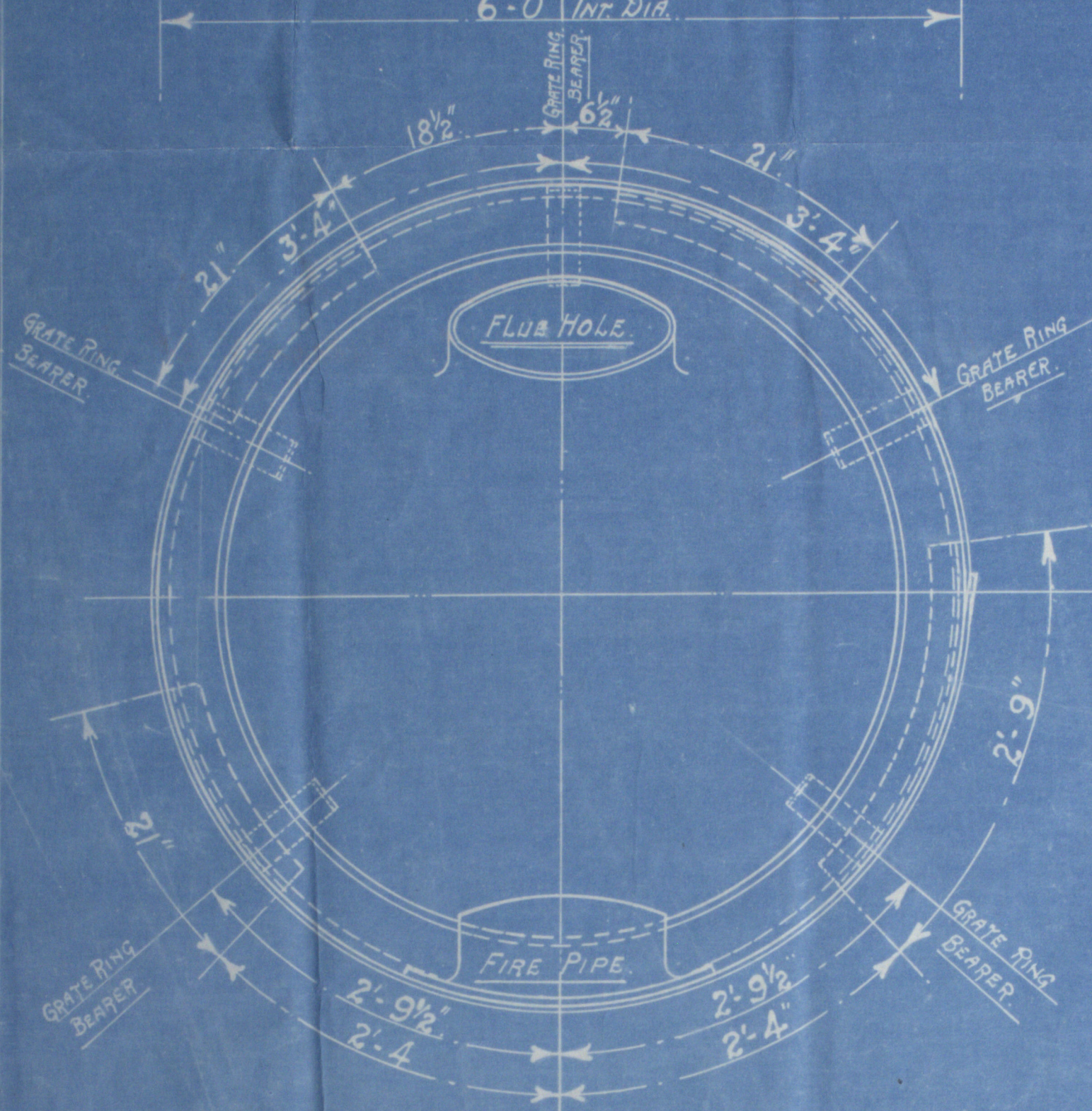
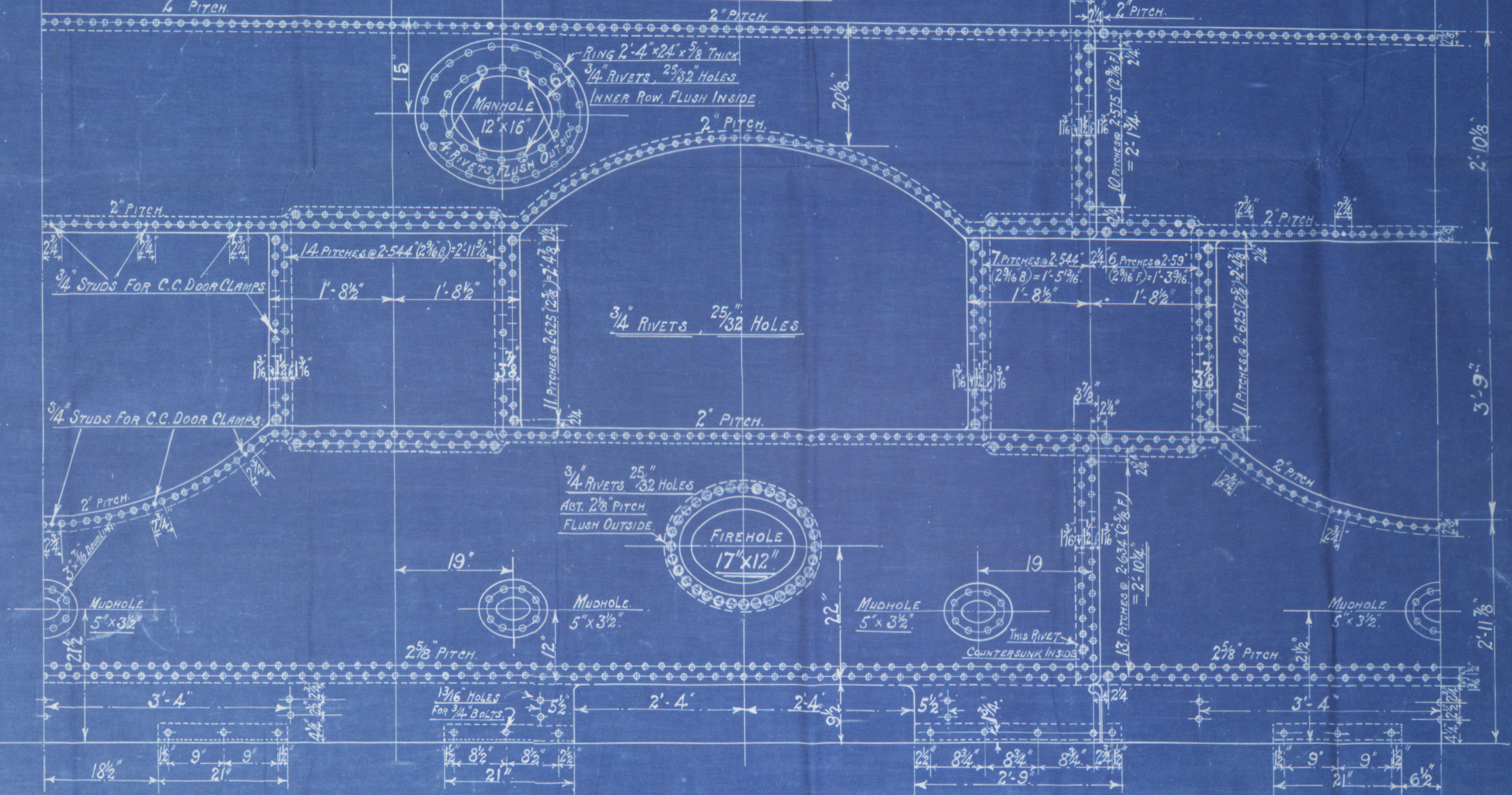
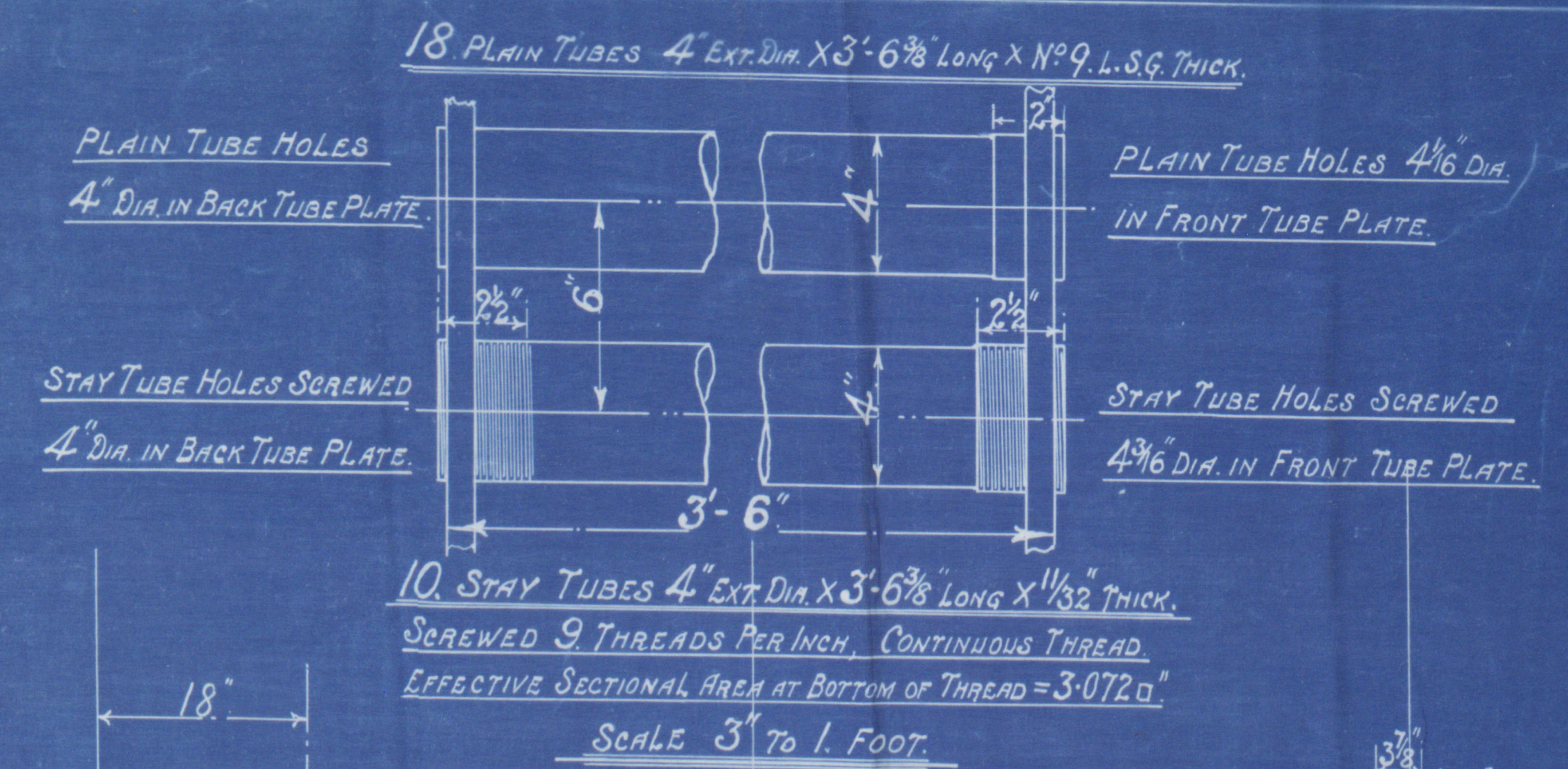
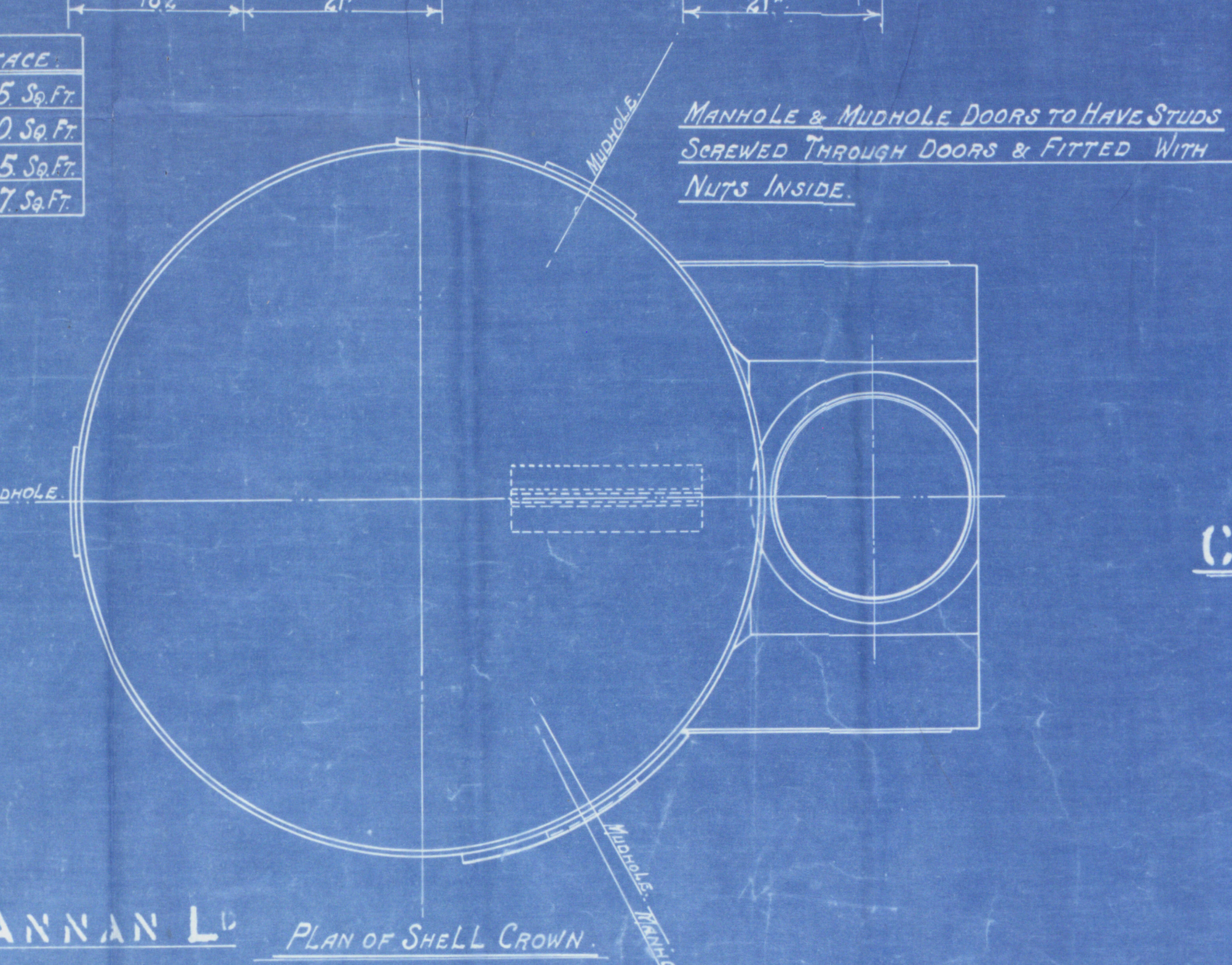


PLATE	25 1/2" x 100" = 69.7%
RIVETS	25 1/2" x 100" = 68.3%
FRONT TUBE PLATE	6" x 100" = 31.25%
BACK TUBE PLATE	6" x 100" = 33.3%
SHELL	114" x 28" x 68.3" = 110. Lbs.
FRONT TUBE PLATE	28" x 28" x 110" = 116.9 Lbs.
BACK TUBE PLATE	28" x 28" x 110" = 124.5 Lbs.
FURNACE	275 (18-1) = 137.5 Lbs.
ORBE RING	140 (28-1) = 101.2 Lbs.
SHELL CROWN	72 (72-60) = 110. Lbs.



HEATING SURFACE.	
TUBES	95 Sq. Ft.
PLATE	50 Sq. Ft.
TOTAL	145 Sq. Ft.
GRATE AREA	18.7 Sq. Ft.



Similar to Drawing No. 10906 approved 19-11-20 for boiler No. 10912 but with Shell Top Bottom Bolted Headed Bolts at the other side of Boiler.

BOILER No. 10901
COCHRAN 'POPULAR' BOILERS
 6'-0" Dia X 10'-9" High X 145# H.S. X 100 Lbs W.P.

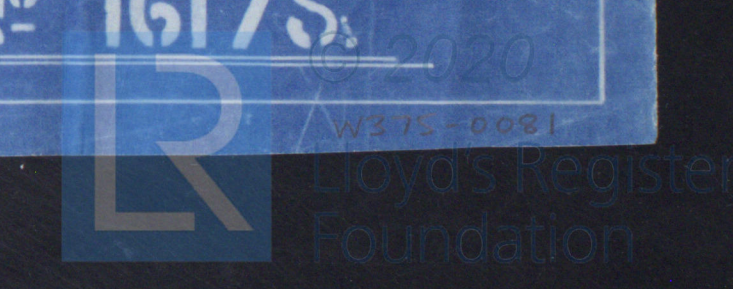
SCALE :- 1 INCH TO 1 FOOT.

SIEMENS MARTIN MILD STEEL PLATES.
 TENSILE TESTS.
 PLATES NOT EXPOSED TO FLAME OR FLANGED..... 28 TO 32 TONS.
 PLATES EXPOSED TO FLAME OR FLANGED & RIVETS..... 26 TO 30 TONS.

STANDARD PLAN OF FURNACE.
 SURVEY-LLOYDS.

COCHRAN & Co ANNAN Ltd
 ENGINEERS & BOILERMAKERS
 ANNAN SCOTLAND.

DRAWING No. 1617S.



COCHRAN & CO., ANNAN, LD.

Boiler No. 10901.

Drawing No. 16148.

109. 100 lbs.

GLASGOW REPORT No. 49018

RETAIN

RETAIN

W375-0081



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