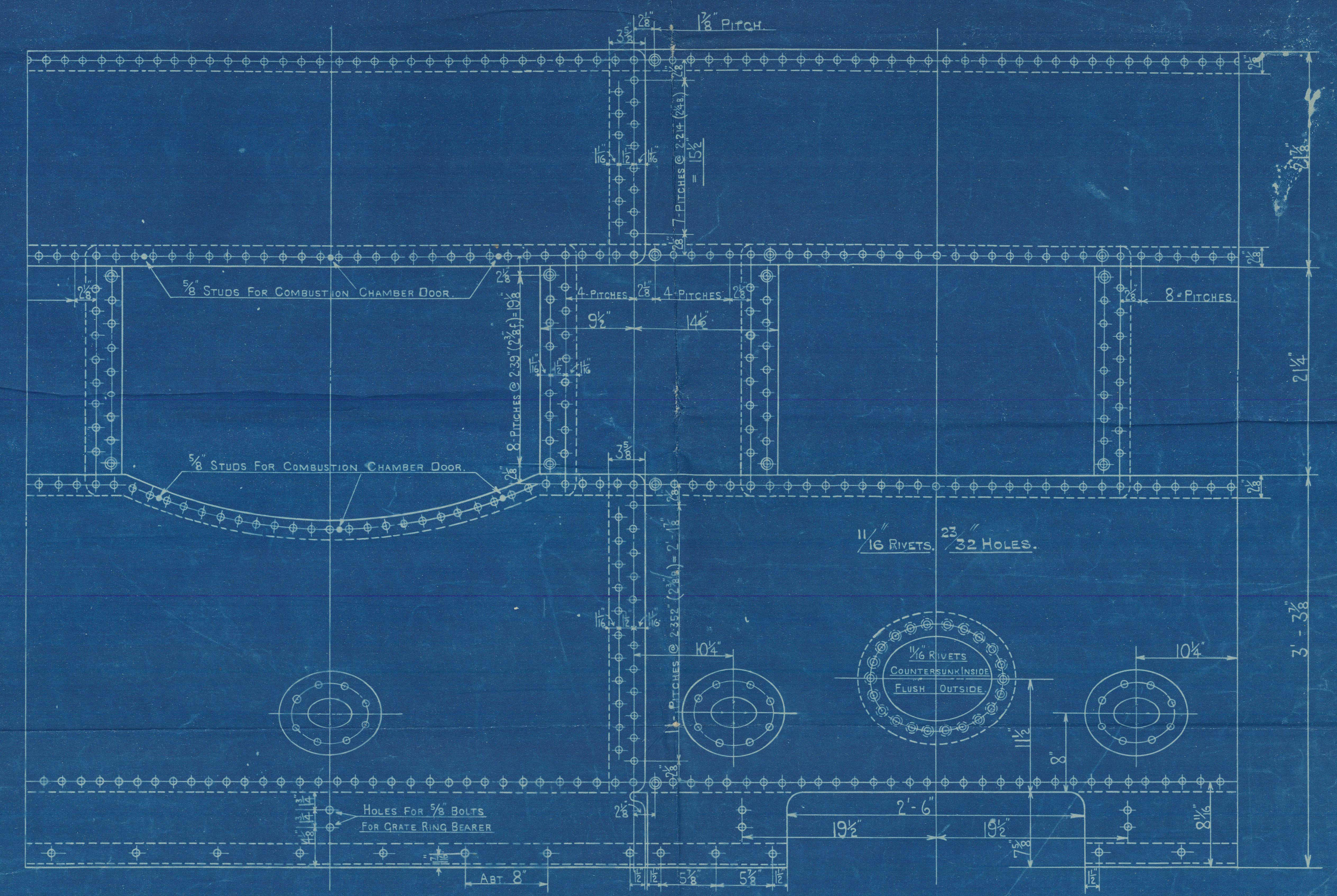
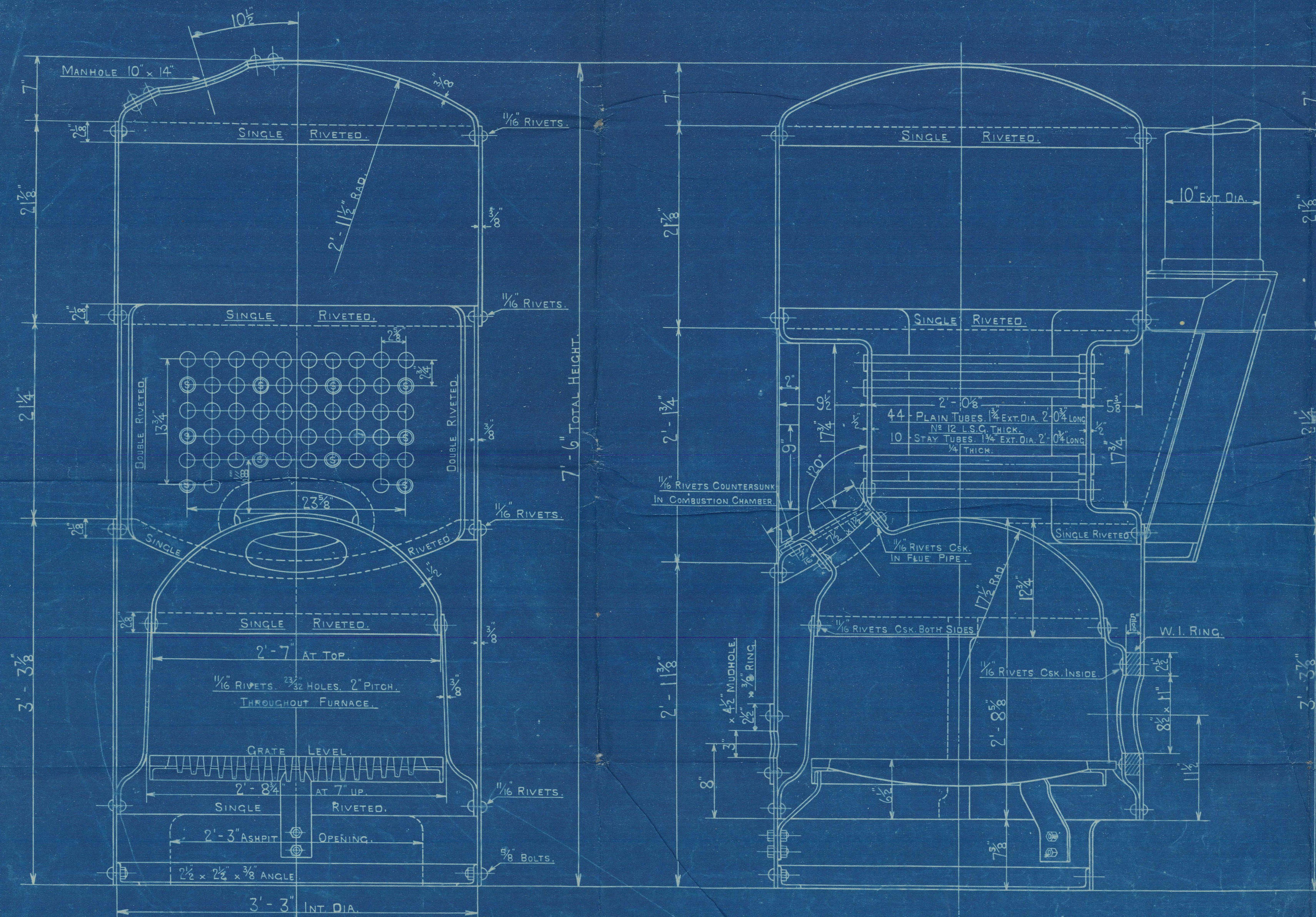
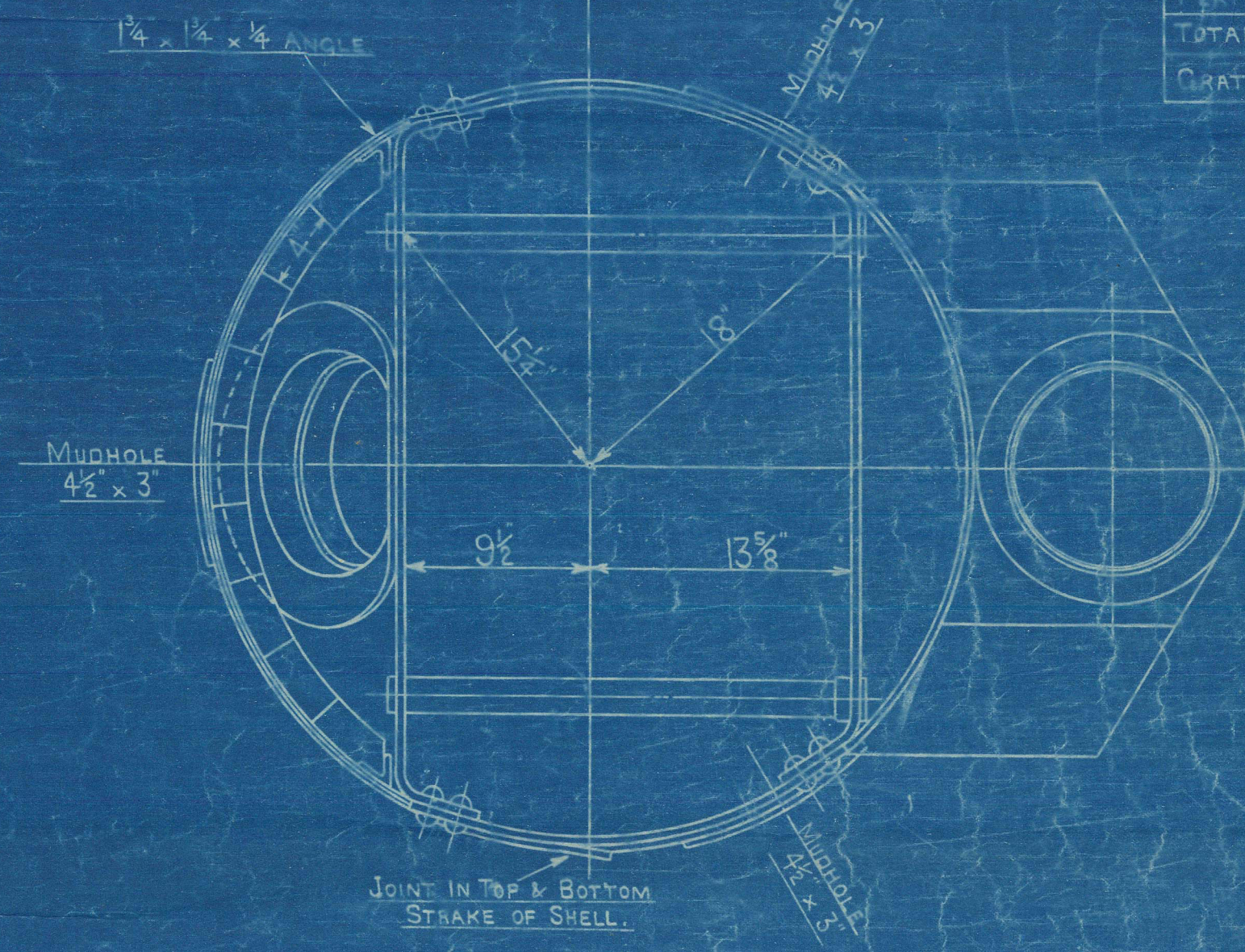
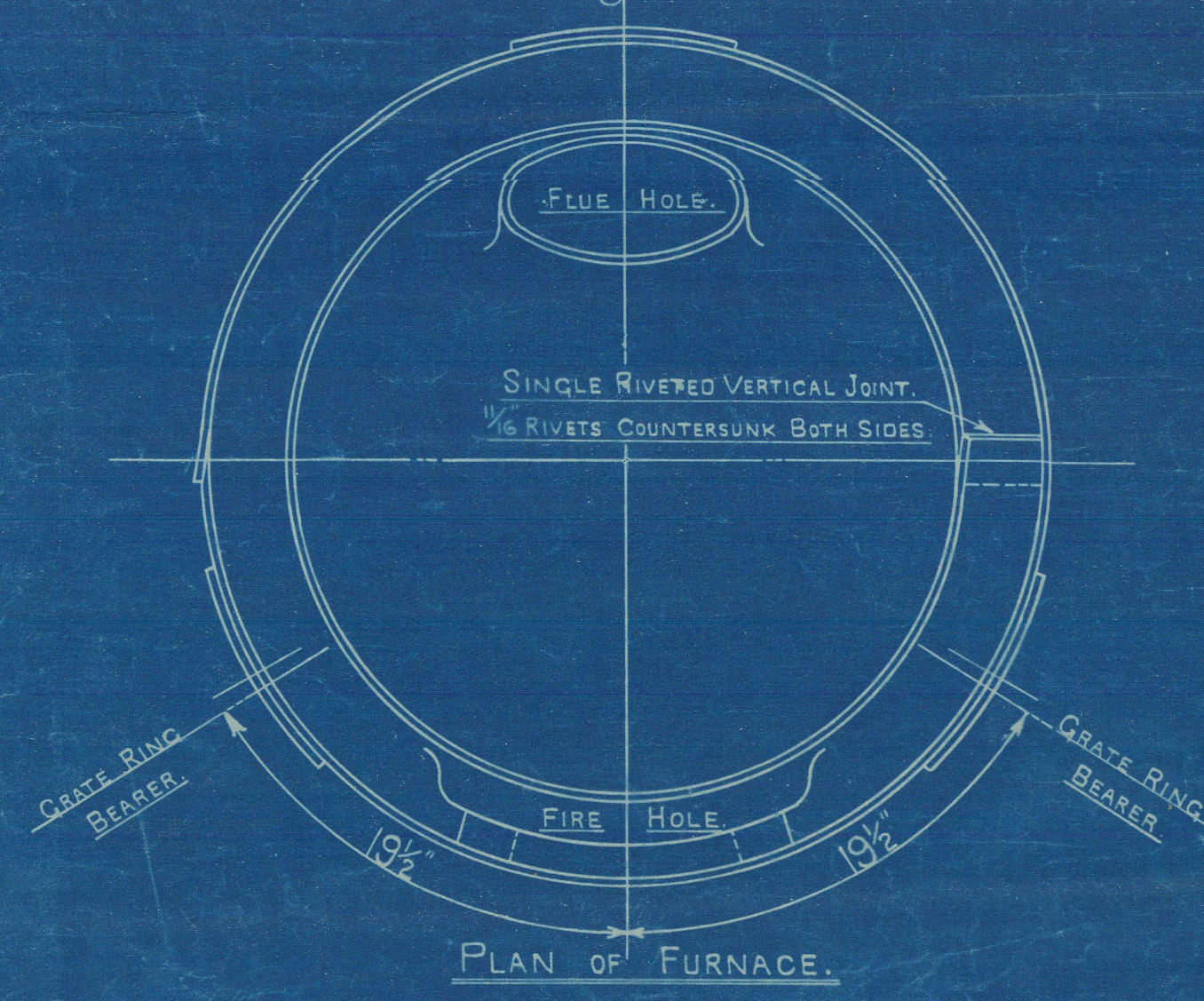


COCHRAN PATENT VERTICAL MULTITUBULAR BOILER.

HORIZONTAL FLUE TUBES.



HEATING SURFACE	
TUBES	48 SQ. FT.
PLATE	36 SQ. FT.
TOTAL	84 SQ. FT.
GRATE AREA	5.75 SQ. FT.



LLOYDS.

PLATE	2 1/4 - 11875 x 100	= 67.5
RIVETS	2 x 40574 x 85	= 76.9
FRONT TUBE PLATE	2.75 - 184375 x 100	= 32.9
BACK TUBE PLATE	2.75 - 1.75 x 100	= 36.3
SHELL	20.5 (6-3) 67.5	= 142
FRONT TUBE PLATE	20.5 (8-2) 12.9 x 26	= 104
BACK TUBE PLATE	20.5 (8-2) 36.3 x 26	= 136
FURNACE CROWN	12000 x 5	= 171
FURNACE SIDES	50 (300 x 375 - 14.5)	= 149.6

BUREAU VERITAS.

PLATE	67.5 x 314.00 (375 - 04)	= 182
RIVETS	3 x 2 x 40574 x 24 x 2240	= 187
FRONT TUBE PLATE	10400 x 5 (2.75 - 184375)	= 148.4
BACK TUBE PLATE	10400 x 5 (2.75 - 1.75)	= 163.7
FURNACE CROWN	600 (8 - 3)	= 171
FURNACE SIDES	16000 x 375 - 60 x 14.5	= 153

Approved 24th Oct 1909.

PATENT BOILER No 6362.

3'-3" x 7'-6" x 80# x 100 LBS.

SCALE 1/2 INCHES = 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..... 26 TO 30 TONS.

DRAWING No 7082.

SURVEY - LLOYDS.

STANDARD.

COCHRAN & CO. ANNAN L^{DS}

ENGINEERS - BOILERMAKERS

ANNAN, SCOTLAND.

COCHRAN & CO., ANNAN, LTD.

Enclosure.

FOR

Messrs

Lloyds

W1624-0119 1/2

10 1/2"

7082

COCHRAN & CO., ANNAN, LD.

Boiler No. 6362

Drawing No. 7082



GLASGOW REPORT No. 33903.

Windermere Ferry.

RETAIN

W1624-0119



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Foundation