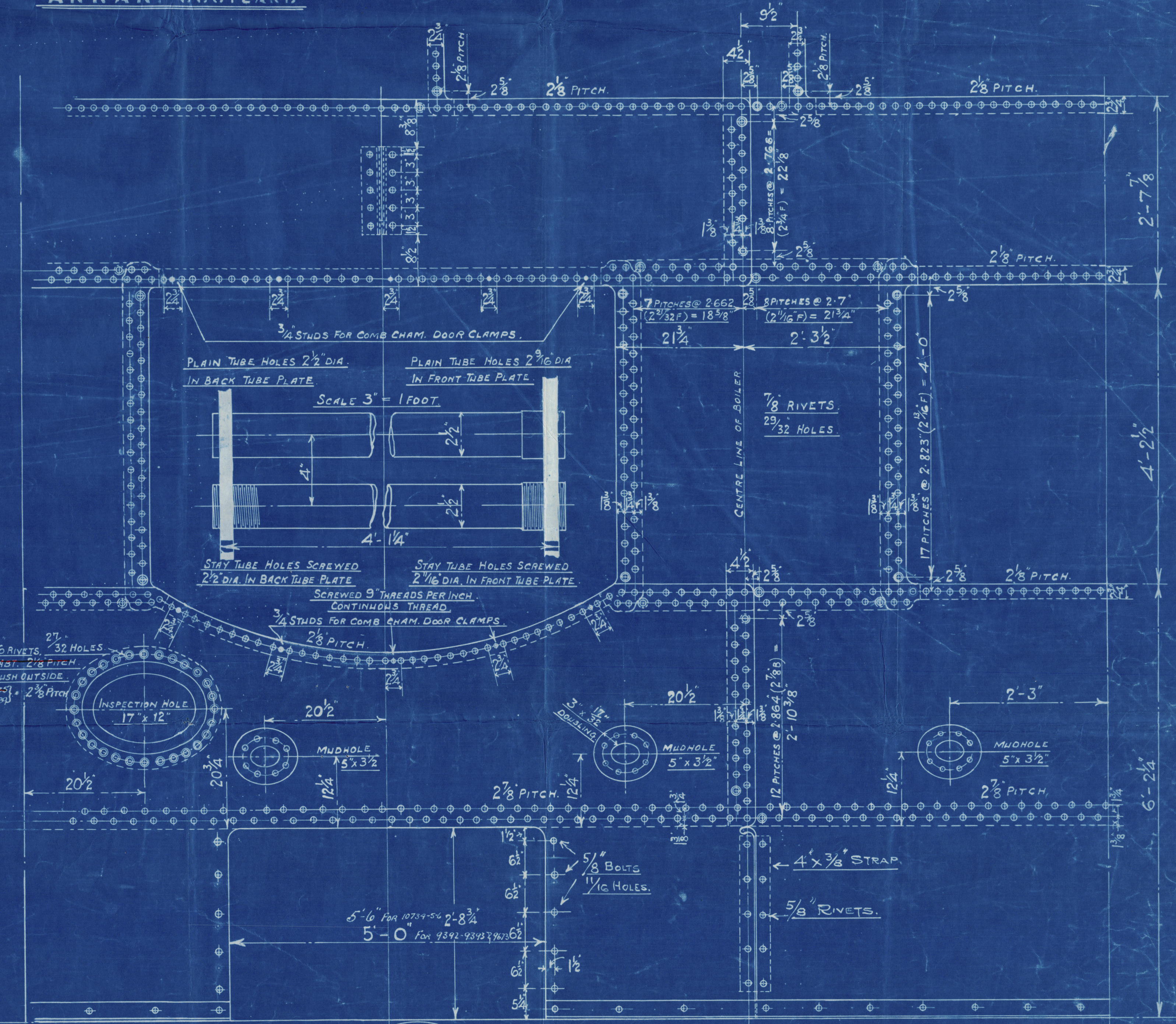


HORIZONTAL FLUE TUBES



MANHOLE & MUDHOLE DOORS TO HAVE STUDS SCREWED THROUGH PLATES & FITTED WITH NUTS INSIDE.

LLOYDS		
PLATE	$2.766 - 90625 \times 100$ 2.766	= 67.2%
RIVETS	$\frac{100(23 \times .645 \times 2 \times 1)}{28.2864 \times 531}$	= 71.5%
FRONT TUBE PLATE	$\frac{4 \times 2.625}{2.5} \times 100$	= 34.4%
BACK TUBE PLATE	$\frac{4 - 2.5}{2.5} \times 100$	= 37.5%
SHELL	$\frac{(17-2) \times 28.672}{2.9 \times 78}$	= 124.5 LBS
FRONT TUBE PLATE	$\frac{(31-2) \times 28.4 \times (2.625) \times 100}{2.9 \times 78.74}$	= 123. LBS.
BACK TUBE PLATE	$\frac{(28-2) \times 26 \times (4-2.5) \times 100}{2.9 \times 65 \times 5 \times 4}$	= 133 LBS.
FURNACE	$\frac{275 \times (18-1)}{33}$	= 141. LBS.
OGEE RING	$\frac{140 \times (30-1) \frac{1}{2}}{78(18-66)}$	= 125.8 LBS.

1039
0736
0735
3-1075
2-9393

PATENT BOILER NOS. 3078-3082
6'-6" X 16'-3" X 500# X 120 LBS.W.P.

SCALE 1 INCH TO 1 FOOT.

SIEMENS MARTIN MILD STEEL PLATES

PLATES NOT EXPOSED TO FLAME OR FLANGED----- 28 TO 32 TONS

PLATES EXPOSED TO FLAME OR FLANGED 26 TO 30 TONS

Approved 16-5-24 for Boulders 41st 9392 & 9393
but with Pitch of Rivets joining Inspection Pipe
to shell increased to 2³/₈ from 2¹/₈

DRAWING No. 13875

x202-00 61

COCHRAN & CO., ANNAN, LD.

Boiler No. 11039

Drawing No. 13875

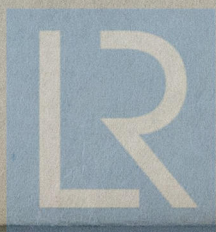
W.P. 120 lbs.

Northmoor

Sld. 29900.

GLASGOW REPORT No. 48450 (48451).

X/202-0061



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Foundation