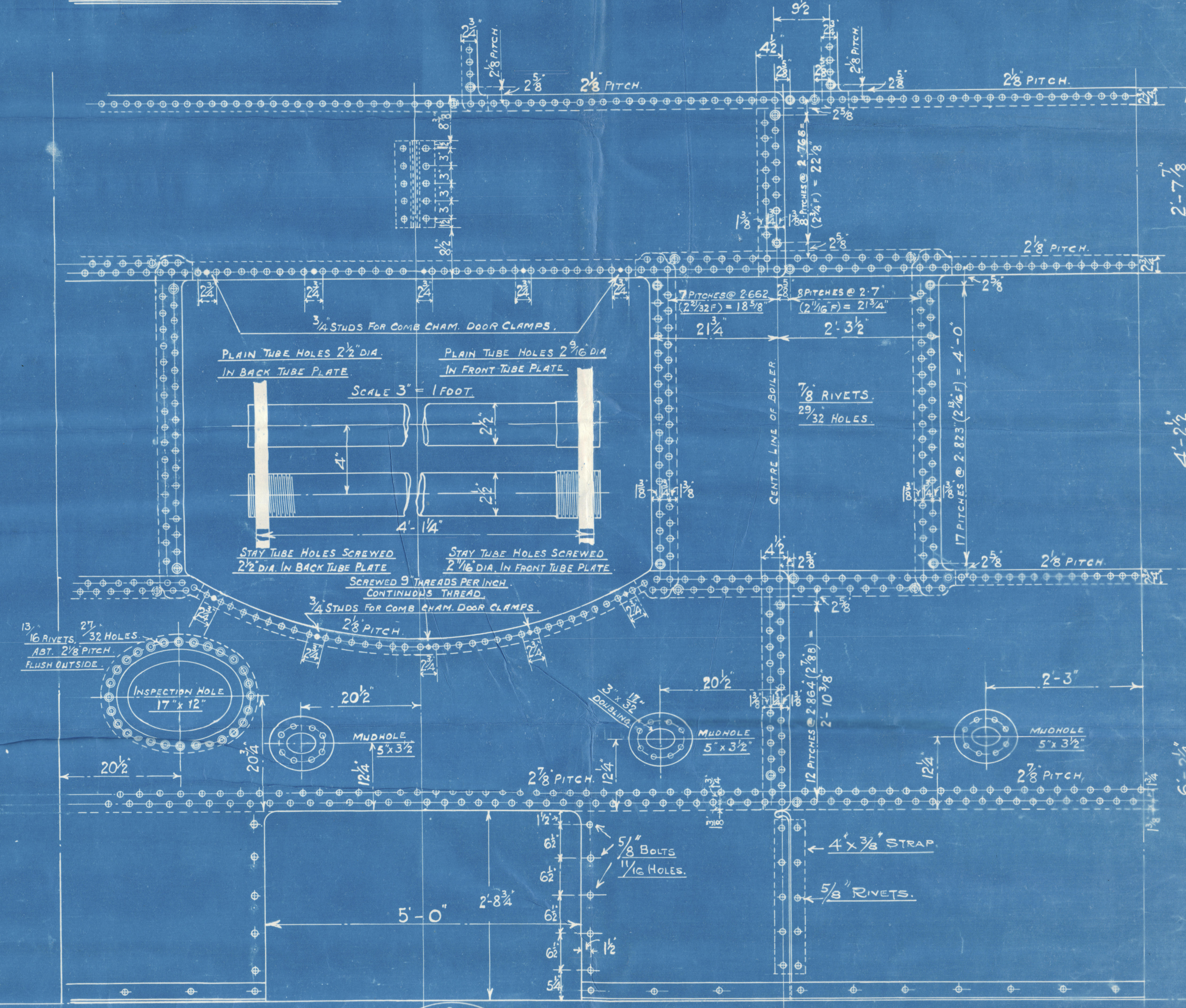


HORIZONTAL FLUE TUBES



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

LLOYDS			
PLATE	$\frac{2.766 - 30625}{2.766} \times 100$		= 67.2%
RIVETS	$\frac{100/23 \times 645 (2 \times 1)}{28 \times 2.864 \times .531}$		= 71.5%
FRONT TUBE PLATE	$\frac{4 - 2.625}{4} \times 100$		= 34.4%
BACK TUBE PLATE	$\frac{4 - 2.5}{4} \times 100$		= 37.5%
SHELL	$\frac{(17 - 2) \times 28 \times 67.2}{2.9 \times 78}$		= 124.5 LBS
FRONT TUBE PLATE	$\frac{(31 - 2) \times 26 (4 - 2.625) \times 100}{2.9 \times 78 \times 74}$		= 123 LBS.
BACK TUBE PLATE	$\frac{(29 - 2) \times 26 (4 - 2.5) \times 100}{2.9 \times 65 \times 74}$		= 133 LBS.
FURNACE	$\frac{275 (18 - 1)}{33}$		= 141 LBS
OGEES RING	$\frac{140 \times (30 - 1)}{78 (18 - 6)}$		= 125.8 LBS

9673.

PATENT BOILER N^{os.} ~~3873.~~
~~3392-9393~~

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

NOTE:-

Approved 16/5/24
for Boilers N^o 9392-9393

DRAWING N° 13875

SURVEY-LLOYDS.

W 217-0077

COCHRAN & Co., ANNAN, LD.

Boiler No. 9643.

Drawing No. 13875

W.P. 120 lbs.

GLASGOW REPORT No. 44634

M/V SILVERAY.

BUNDERLAND RPT. No. 29100.

W217-0077



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