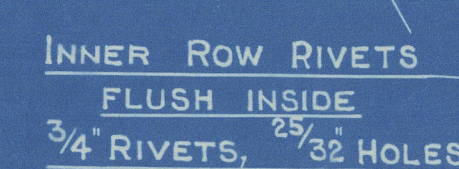
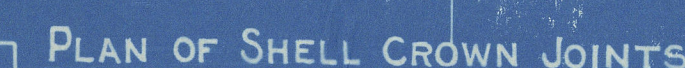
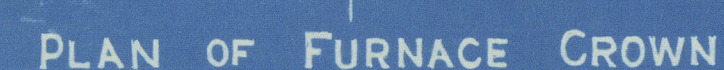
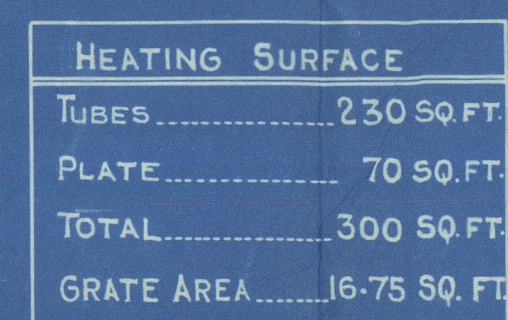


HORIZONTAL FLUE TUBES.



	LLOYDS		
PLATE	$\frac{2.5}{2.5}$	$\frac{.78125}{.78125} \times 100$	= 68.6%
RIVETS	$\frac{100}{28 \times 2}$	$\frac{47937.281}{697.4} \times 100$	= 66.6%
FRONT TUBE PLATE	$\frac{4}{4}$	$\frac{2.625}{2.625} \times 100$	= 34.4%
BACK TUBE PLATE	$\frac{4}{4}$	$\frac{2.5}{2.5} \times 100$	= 37.5%
SHELL	$\frac{(4-2) \times 28}{2.9 \times 66}$	$\frac{66}{66} \times 100$	= 117 LBS.
FRONT TUBE PLATE	$\frac{(23-2) \times 28}{2.9 \times 66}$	$\frac{66}{66} \times 100$	= 104.3 LBS
BACK TUBE PLATE	$\frac{(39-2) \times 28}{2.9 \times 5 \times 4}$	$\frac{66}{66} \times 100$	= 111.5 LBS
FURNACE CROWN	$\frac{275(6-1)}{28 \times 5}$	$\frac{125}{125} \times 100$	= 144.8 LBS
OGEE RING	$\frac{137(6-1)}{66 \times (6-57)}$	$\frac{125}{125} \times 100$	= 104 LBS.

5'-6" x 12'-3" x 300# x 100 LBS.

DRAWING N° 20857

SURVEY:- LLOYDS.

ENGINEERS & BOILERMAKERS.

ANNAN SCOTLAND.

Boiler
No 13281
Dr No 21539
app 1 Jan 19-6-35
for Dr No 20857
Blk No 13284
N P 100 lbs ✓

RETAIN

GLASGOW REPORT NO 57413

S.S. "berheath"

SUNDERLAND RPT. NO. 31946

RETAIN



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