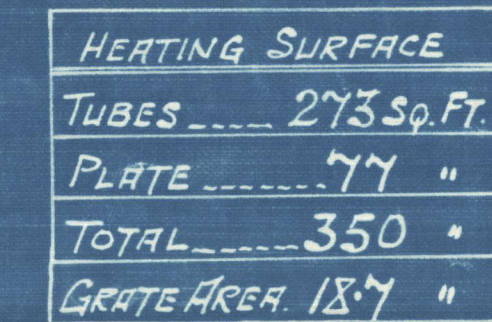
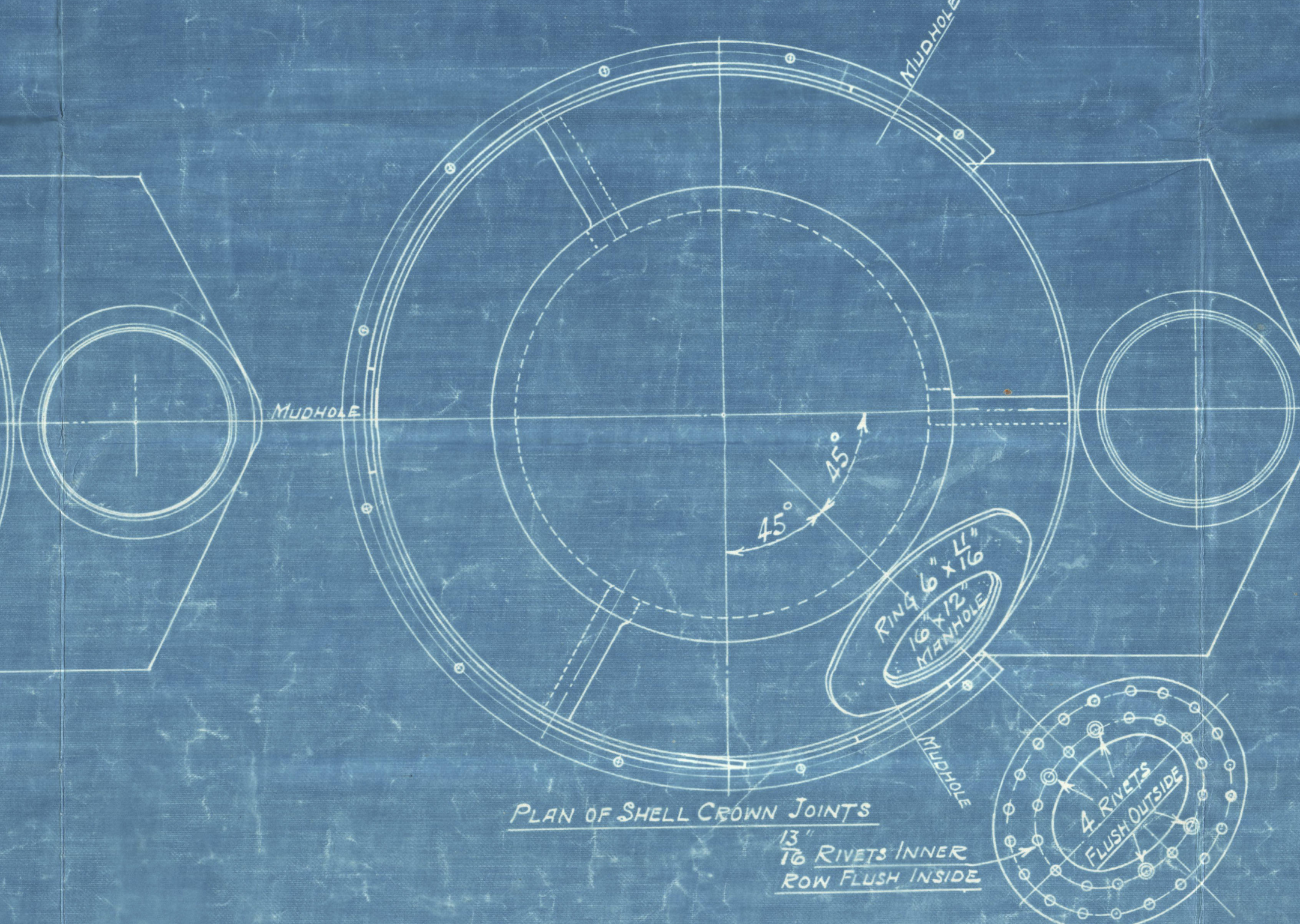
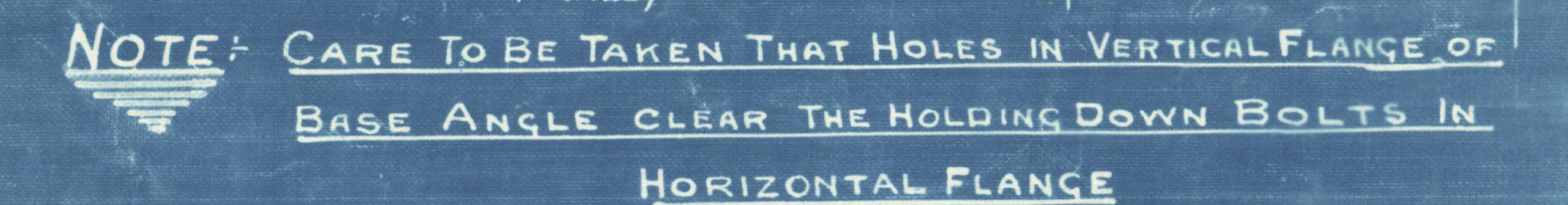


ANNAN, SCOTLAND.

NOTE: FOR DETAIL OF
RIVETING ALONG
MIDDLE PLATE &
TOP BELT ON OPPOSITE
SIDE SEE DRN^o 11810.



	11 LLOYDS	
PLATE	$\frac{2 \cdot 6 \cdot 34375}{2 \cdot 6} \times 100$	= 67.5%
RIVETS	$\frac{2 \cdot 6 \cdot 5591 \times 85}{2 \cdot 78 \cdot 46375}$	= 72.7%
FRONT TUBE PLATE	$\frac{4 \cdot 2 \cdot 59}{4} \times 100$	= 35.2%
BACK TUBE PLATE	$\frac{4 \cdot 2 \cdot 5}{4} \times 100$	= 37.5%
SHELL	$\frac{20 \cdot 5 \cdot 72}{72} \times 67.5$	= 105 LBS
FRONT TUBE PLATE	$\frac{20 \cdot 5 (2 \cdot 6 - 2) \times 35.2}{67.75} \times \frac{26}{28}$	= 103 LBS
BACK TUBE PLATE	$\frac{20 \cdot 5 (0 \cdot 5 - 2) \times 37.5}{57 \cdot 25} \times \frac{26}{28}$	= 105.9 LBS
FURNACE	$\frac{1250 \times (8 - 2)}{60}$	= 125 LBS
OGEE RING	$\frac{516 \times 13 \cdot 2}{72 \times (72 - 60)}$	= 100.9 LBS



— 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 EXCEPT FURNACE CROWN	26 TO 30 TONS
FURNACE CROWN	26 TO 29 TONS

DRAWING N° 11799.

W165-0202

COCHRAN & CO., ANNAN, LD.

Boiler No. 8470

Drawing No. 11799

100 lbs per sq mch.

Mark on boiler:-

No 15805
Lloyds Cert
200 lbs
HP. 100 lbs
P.M.C.A 29/4/21

GLASGOW REPORT No. 41046.

Empire Rowan

W165-0202



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