

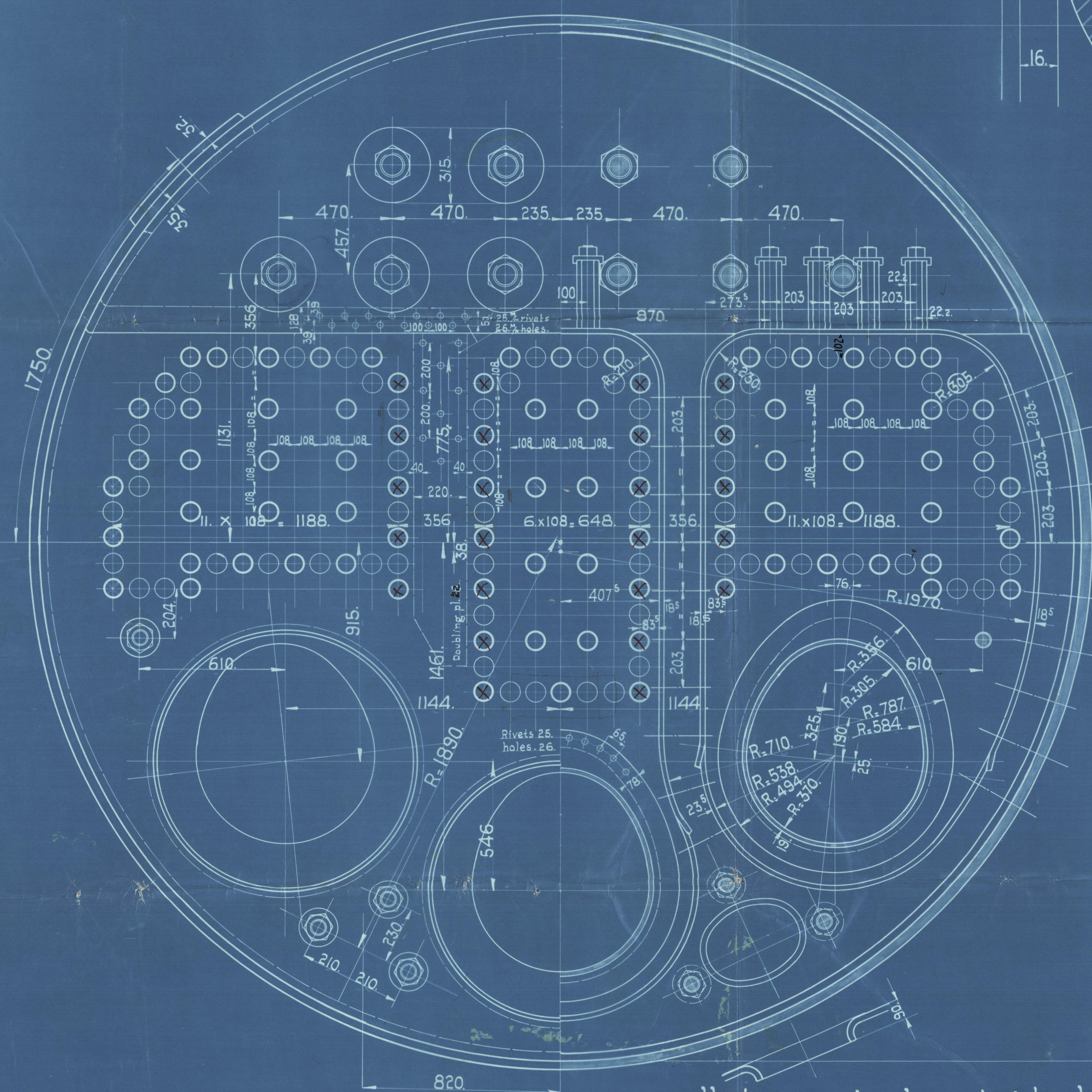
THICKNESS OF PLATES.	IN MM.
Schell.	41.
Buttstrap outside.	32.
Buttstrap inside.	35.
Manhole ring	41.
Fore and backfront plate top.	32 <sup>5</sup>
Fore front on bottom.	25
Back front on bottom.	23 <sup>5</sup>
Furnaces.	19.
Backtube plate.	23.
Backplate combustion chamber.	18 <sup>5</sup>
Sideplate comb.chamb.top	18 <sup>5</sup>
sideplate comb.chamb.bottom.	23 <sup>5</sup>
Girders.	22 <sup>2</sup>
Doubling plates	22.

HEATING SURFACES.	OUTSIDE IN M <sup>2</sup>	INSIDE IN M <sup>2</sup>
218 Plain tubes 76.2 dia.	122.	106.
86 Stay tubes 76.2 Dia.	48.	38.
3 Furnaces.	13 <sup>3</sup>	13.
3 Comb.chambers.	20 <sup>4</sup>	20.
Total heating surface.	204.	177.

QUALITY OF MATERIAL.	TENSILE STRENGTH IN KG./CM <sup>2</sup>	ELONGAT. IN %
Schell and buttstraps.	45,000	20.
Manhole rings	44,100	20.
End plates	41,000	23.
Combustion chamber plates.	41,000	23.
Furnaces	41,000	23.
Girders	44,100	20.
Longitudinal stays.	44,100	20.
Rivets.	41,000	25.
Doubling plates.	41,000	23.

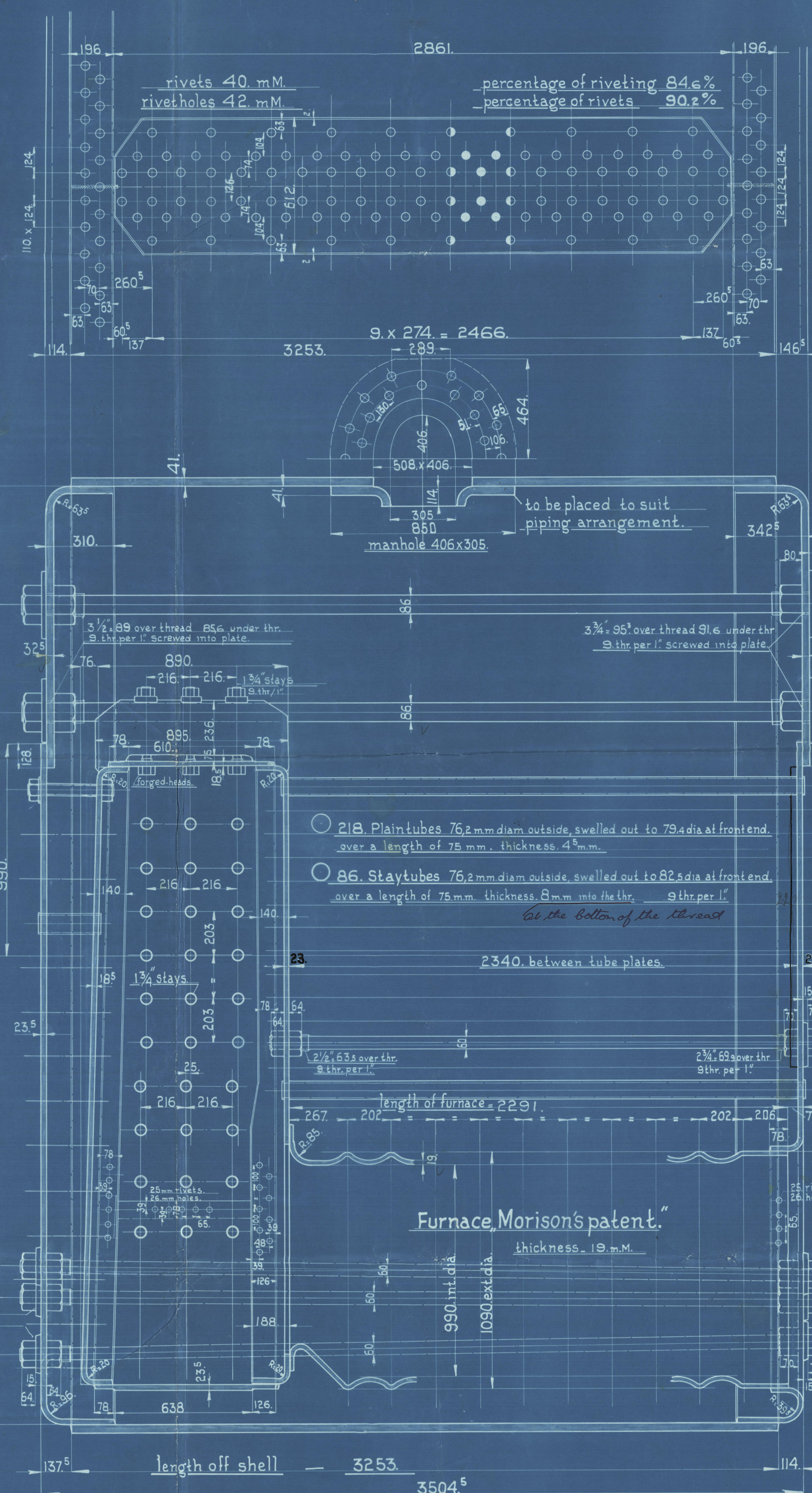
Working pressure  $18.27 \text{ KG/cm}^2 = 260 \text{ Lbs./sq. in.}$   
to be tested to Br. LLOYD'S requirements.

test pressure  $30.92 \text{ KG/cm}^2 = 440 \text{ Lbs./sq. in.}$

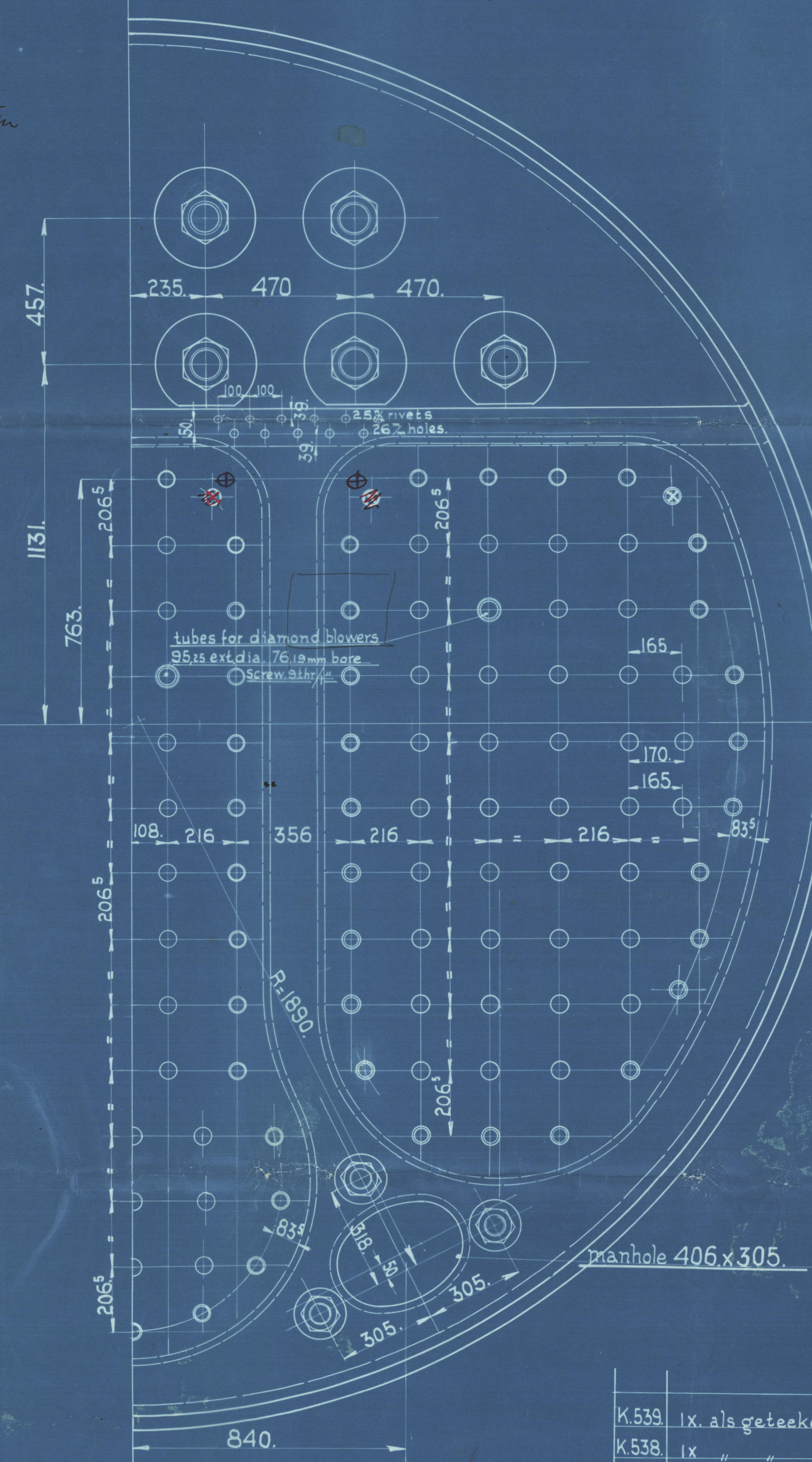


x stay tubes not less than 9 mm thick at the bottom of the thread.

Diameter inside 14' 3" = 4344 mm.



Washers not less than 23 mm thick.



all stays in back and side plates to have nuts on both ends, except stays in shell plate which have to be riveted over.

stays marked thus  $\otimes$  2 1/4" diam. 9 threads per inch.  
stays marked thus  $\circ$  2" diam. 9 threads per inch.  
stays marked thus  $\bigcirc$  1 3/4" diam. 9 threads per inch.

K 533	IX als geteekend.	
K 538	IX	25
K 537	IX	
Voor:	Te vervaardigen	Dat. Par.
N.V. ROTT, DROOGDOEK M.F.		
AFD. WERKTUIGBOUW		
BOILER.		
SCHAAAL	1:10.	DATE 4.4.36
TEK. No.	14488	



Plan.  
Memo Pott-Druga Mys.

Boxen N<sup>o</sup> 537-38-89

intended for

S.S. Neerhaven

SLd 30295.

N<sup>o</sup> 35826 in RB.

W226-0211



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Foundation