

BOILER No. 1

ARNHEMSE STOOMSLEPEHELING MAATSCHAPPIJ
ARNHEM HOLLAND

PLAN OF RETURN TUBE BOILER

HEATING SURFACE 892 D'

WORKING PRESSURE 180 L.B.S. 12.65 KG PER CM²

SCALE 1:10

CONSTRUCTED TO LLOYD'S REQUIREMENTS & DUTCH GOVERNMENT RULES.

MATERIALS WITH LLOYD'S CERTIFICATE.

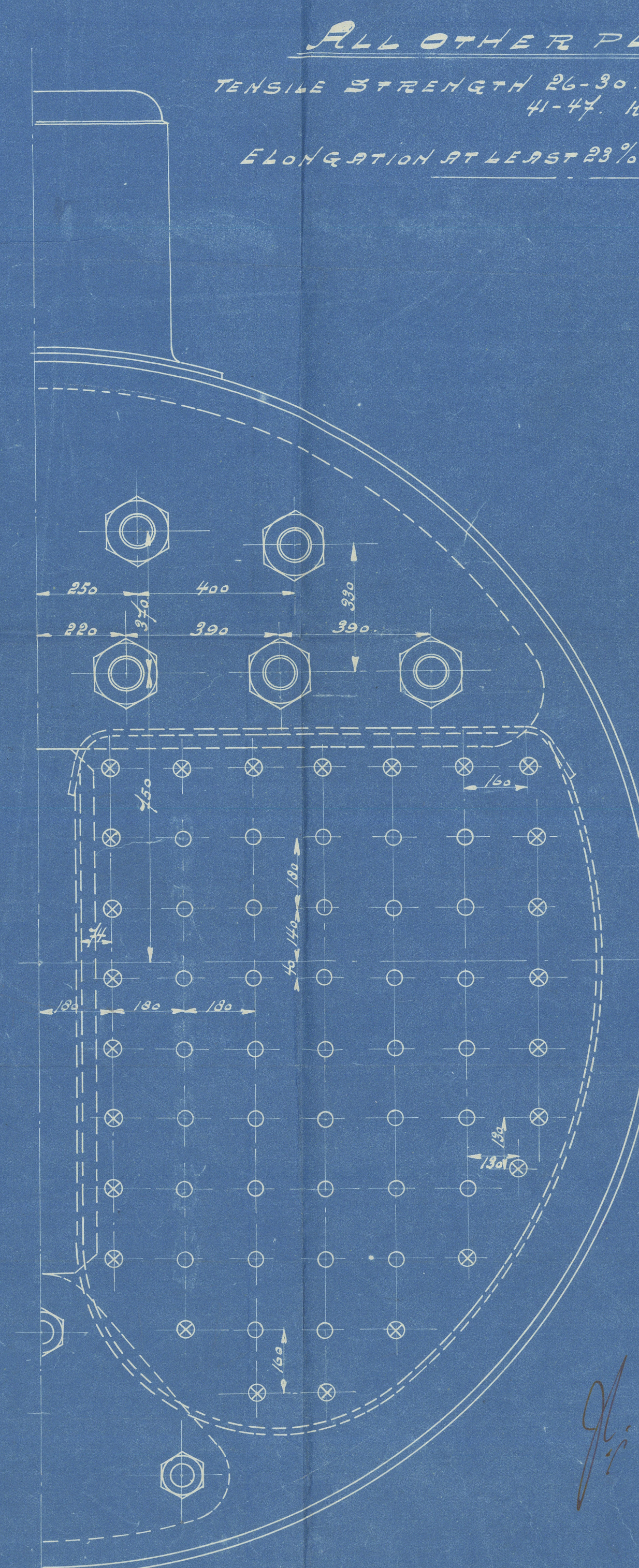
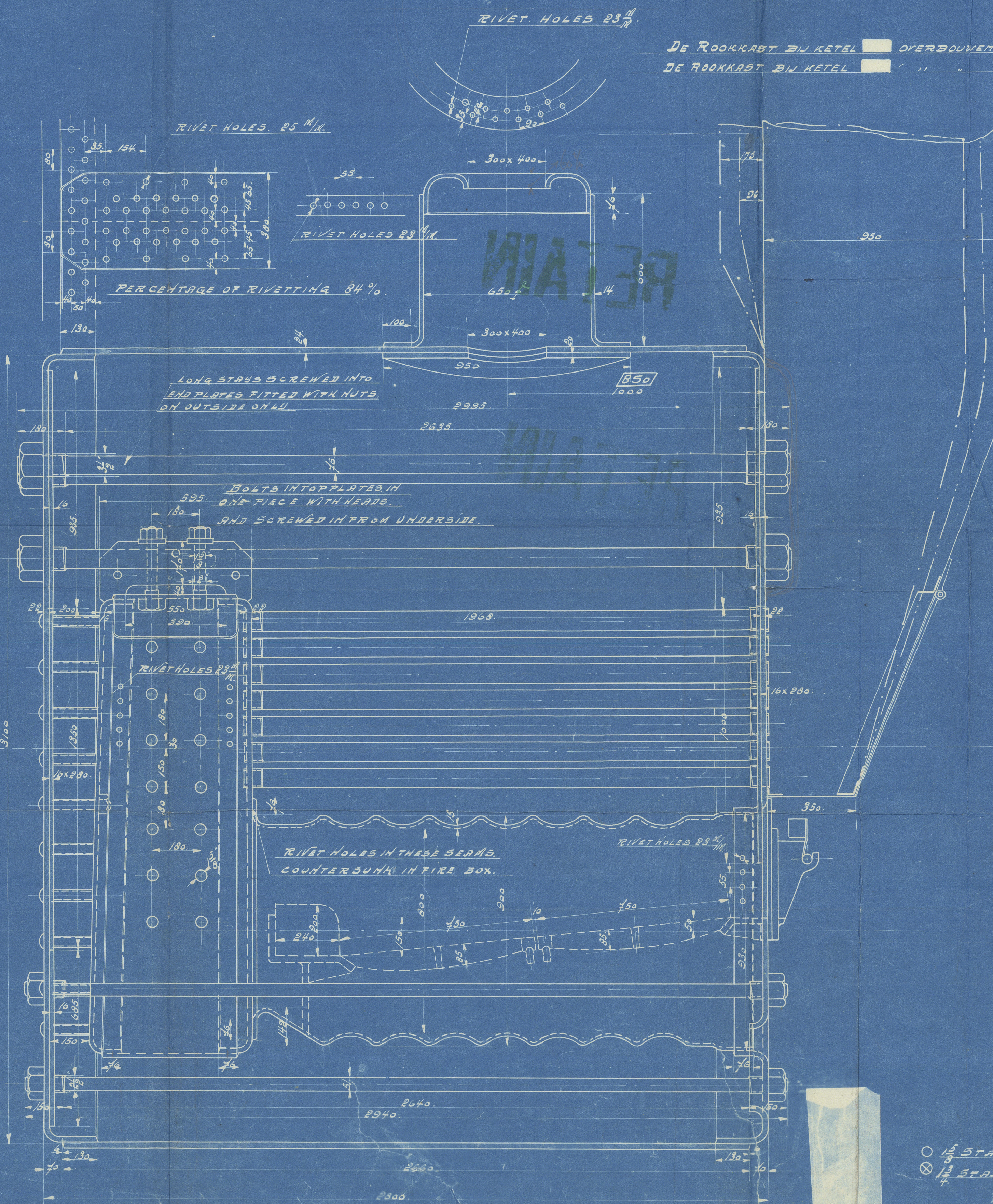
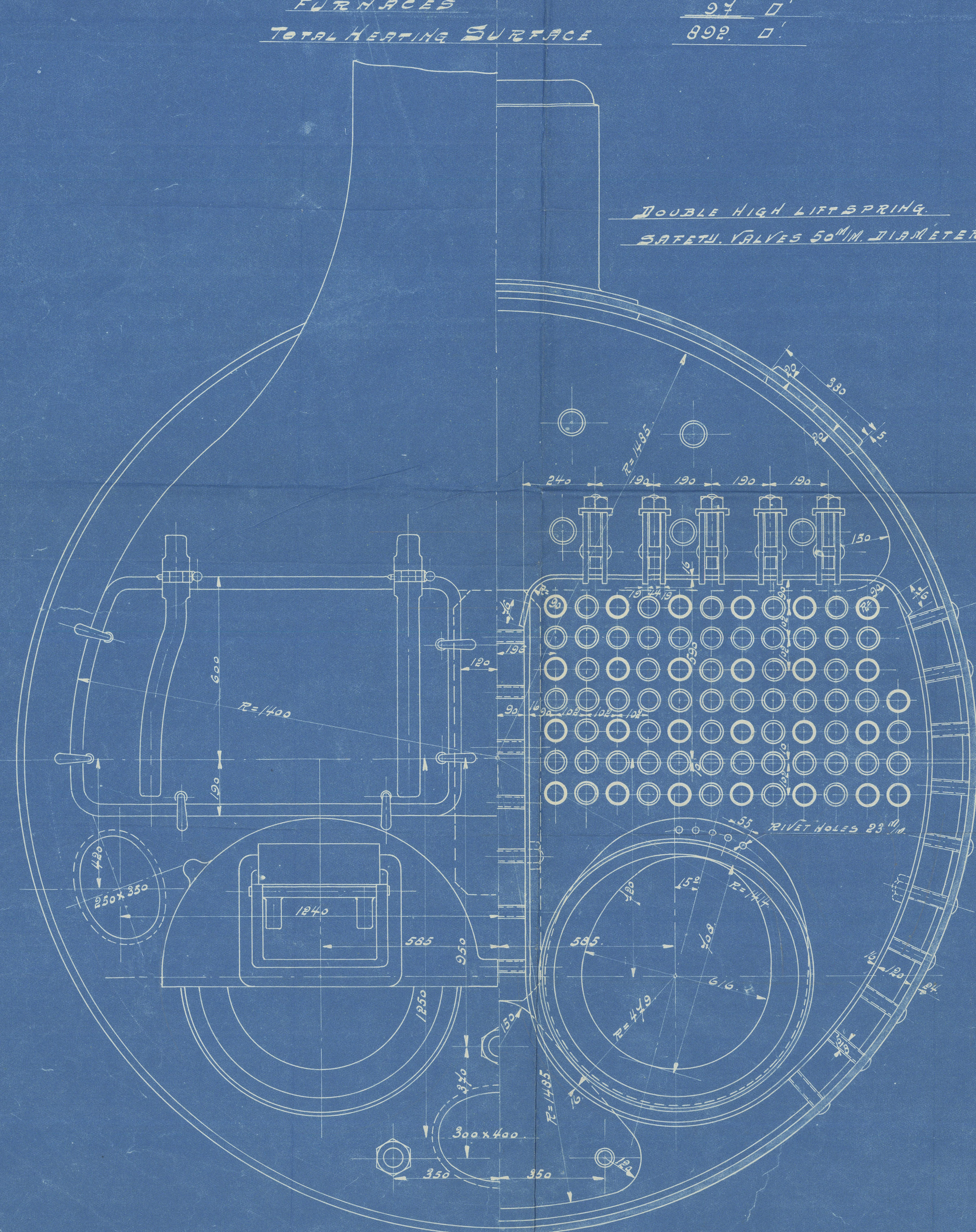
HEATING SURFACE	INSIDE
ORDINARY TUBES	511 D'
STAY TUBES	220.5 D'
COMBUSTION CHAMBERS	63.5 D'
FURNACES	27 D'
TOTAL HEATING SURFACE	892 D'

BOILER SHELL BUTT STRAPS

TENSILE STRENGTH 28-32 TONS PER SQ. INCH OR
44-50 KILO PER CM²
ELONGATION AT LEAST 20% IN 8 INCHES.

ALL OTHER PLATES

TENSILE STRENGTH 26-30 TONS PER SQ. INCH OR
41-47 KILO PER CM²
ELONGATION AT LEAST 23% IN 8 INCHES.



- 110 ORDINARY TUBES 3 1/2 LB. & THICK.
- 52 STAY TUBES 3 THICK 1/4

- 1/2 STAY BOLTS
- 1/3 STAY BOLTS

ALL STAY BOLTS OF IRON SCREWED INTO PLATES
RIVETTED OVER AND CALLED ON OUTSIDE IN COMBUSTION
CHAMBERS. FITTED WITH NUTS.

A1604

Boiler



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Chaudière

"La Cigogne"

Nov 1924



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