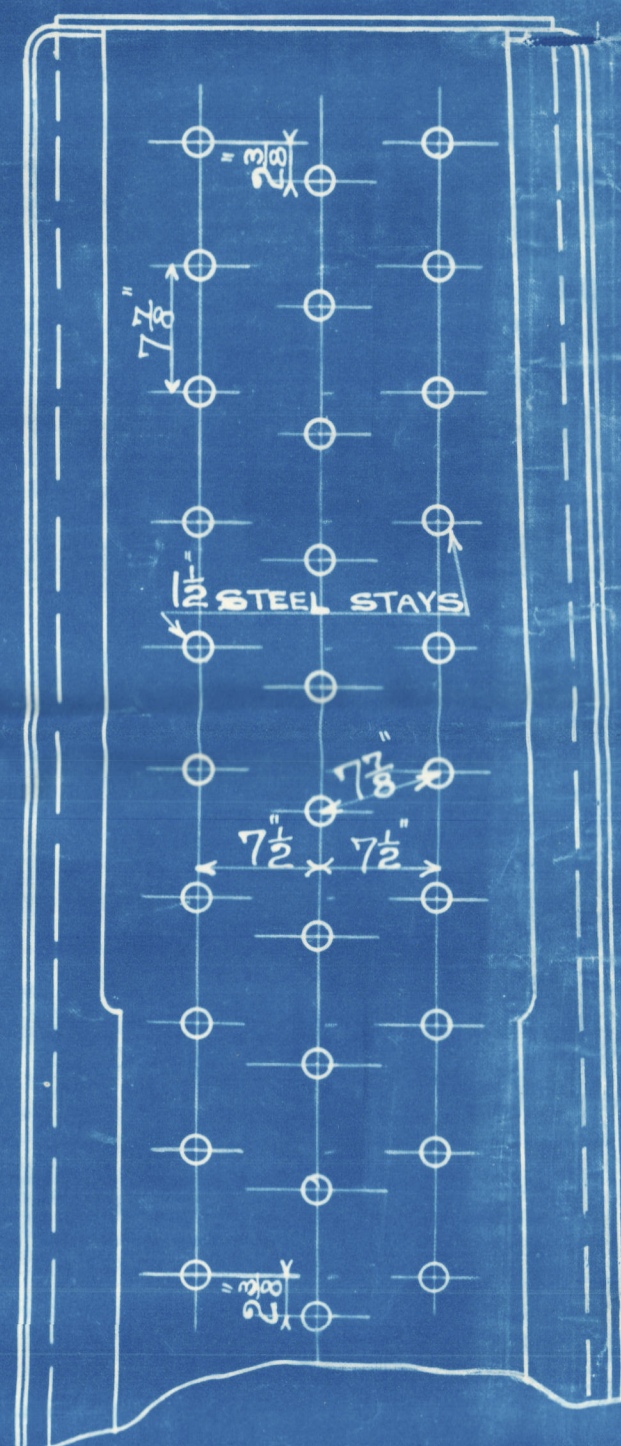


WORKS

TRACING S576



BOILER 3-OFF

LONGITUDINAL JOINT

SECTIONAL AREA OF PLATE BETWEEN RIVET HOLES 85%
" " " RIVETS 87.6%

CIRCUMFERENTIAL JOINT

SECTIONAL AREA OF PLATE BETWEEN RIVET HOLES 63.33%
" " " RIVETS 46.7%

TENSILE STRENGTH OF MATERIAL

SHELL PLATES, BUT STRAPS & C.C. RIBS	NOT LESS THAN	28½ TONS	AND
NOT MORE THAN	32½ TONS	PER SQUARE INCH	
COMBUSTION CHAMBER, TUBE, & END PLATES	NOT LESS THAN	26 TONS	□
LONGITUDINAL STAYS	" " "	28 " "	□
SCREWED " "	" " "	26 " "	□
RIVETS	" " "	27 " "	□

WORKING PRESSURE 180 LBS PER SQ. IN.
TEST " 360 " " " "

ALL RIVET HOLES IN SHELL TO BE DRILLED IN PLACE AFTER BENDING

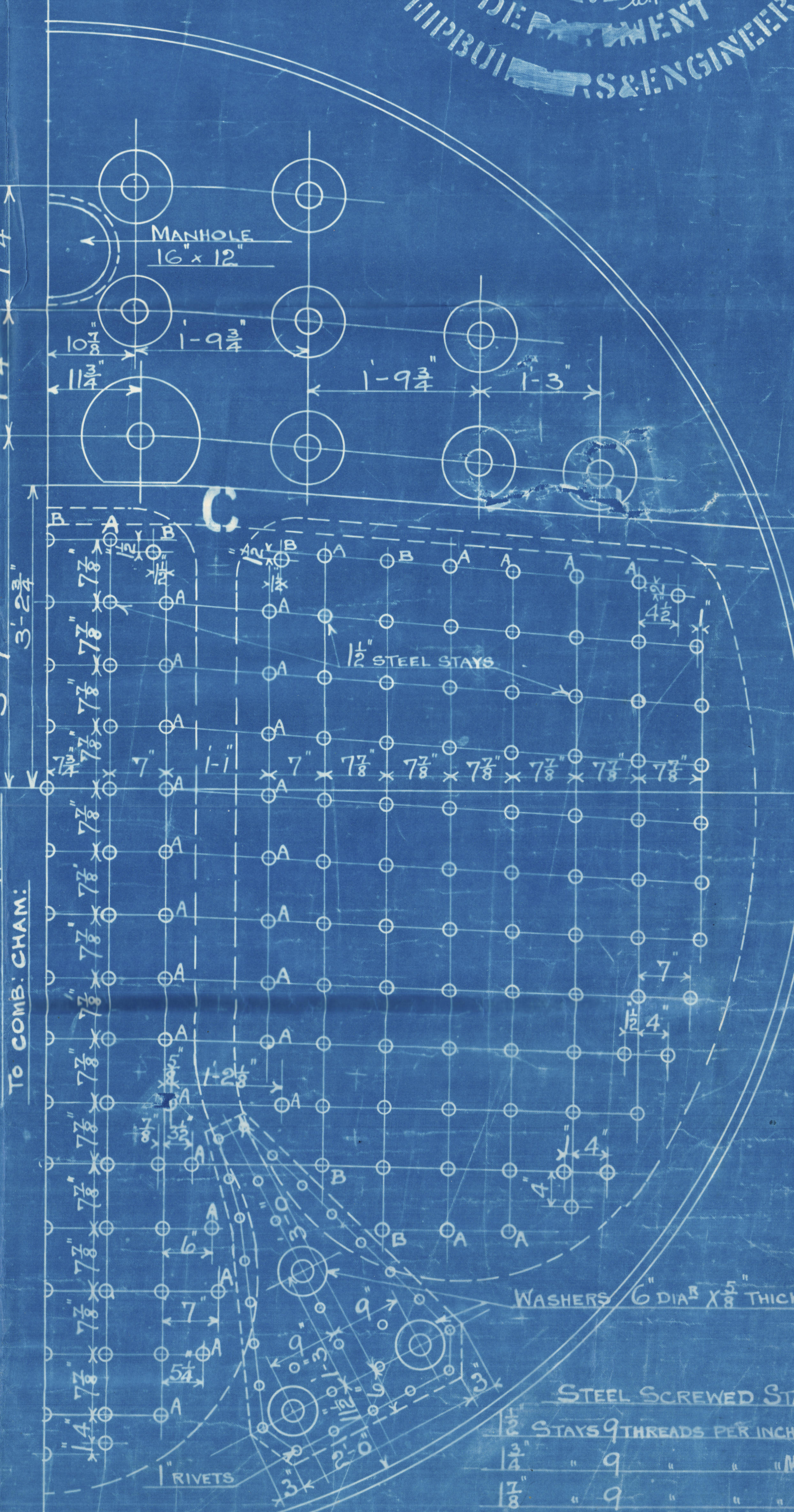
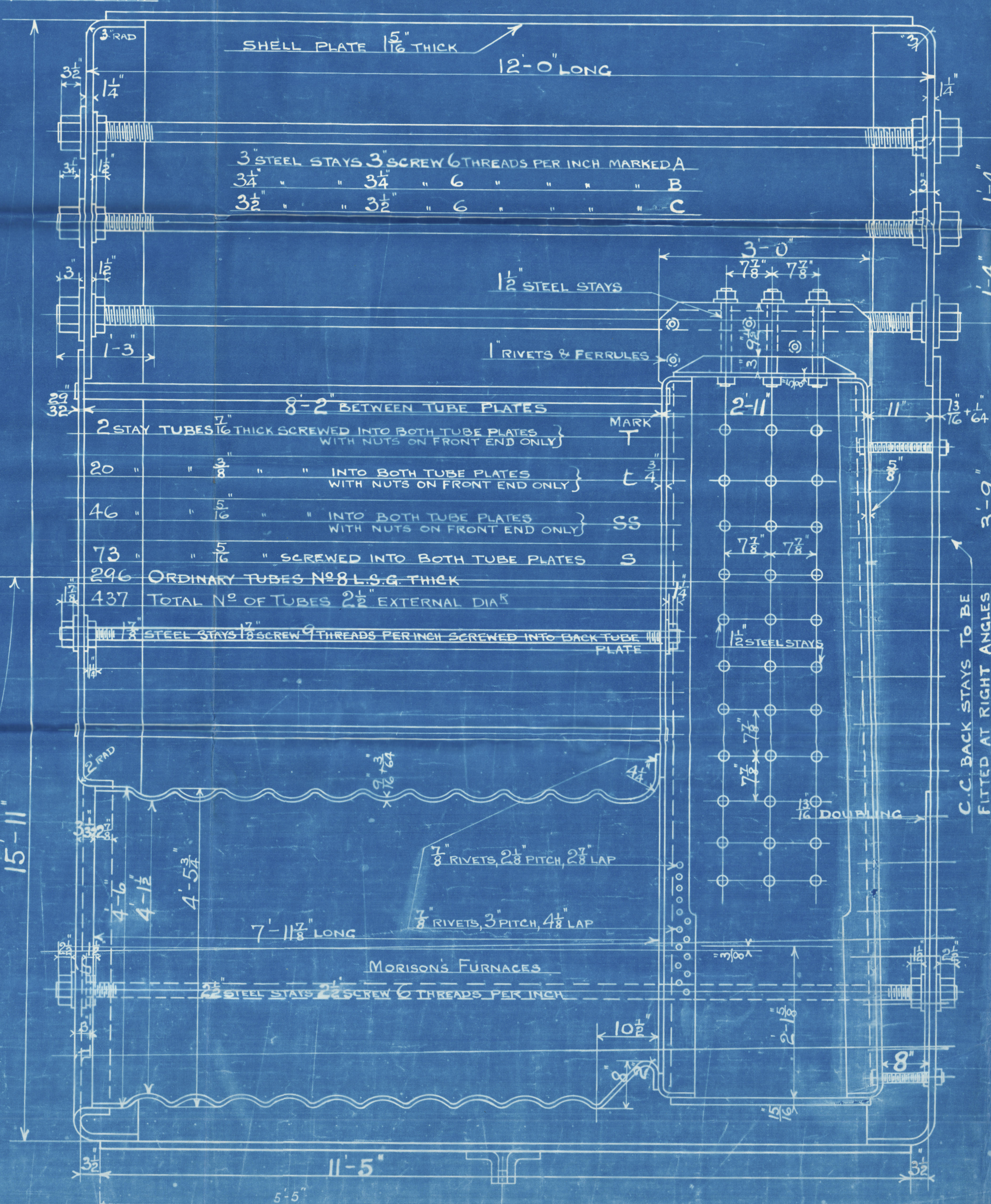
HYDRAULIC RIVETING (WHERE POSSIBLE)

HEATING SURFACE

<u>TUBES</u>	2382.25
<u>COMBUSTION CHAMBERS</u>	246.38
<u>FURNACES</u>	170.00
<u>TUBE PLATES</u>	89.35
<u>TOTAL</u>	2887.98

CRATE SURFACE (WITH 5'-0" BARS) 63 #
STEAM CAPACITY 504 #

TO PASS LLOYDS SURVEY



CONTRACT 557

W439-0153

R

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DOXFORD

562 ~~557~~

MAIN BOILERS

3 SE.

18 W.P.

FOR S.S. NO 562

9/1/22

centre
boiler

No. 3801.....
LLOYD'S TEST
360 ^{73g.}
W.P. = 180 LBS
26-6-22 L.C.B.

Port 1

Starb

18/12

No. 3802.....
LLOYD'S TEST
360 ^{73g.}
W.P. 180 LBS
29.6.22 W.R.A.

"Castlemore"

SUNDERLAND, No. 28400.

RETAIN



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