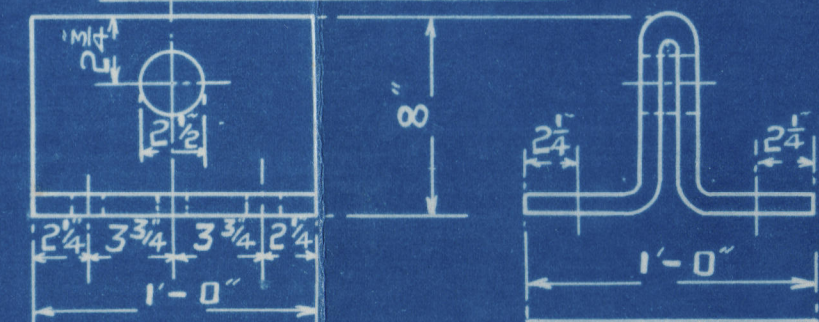


## BOILER

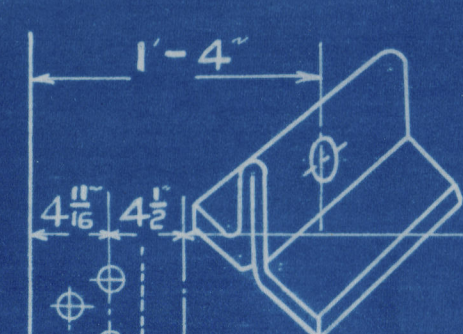
Jeffrey. 9/5/39.  
L.L.

$$S_{HELL} = \frac{(46-2) \times 29 \cdot 85 \cdot 36\%}{2.75 \times 177.125} = 223.5, \text{ LBS. } \sigma$$

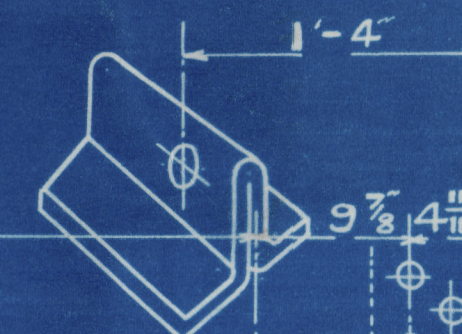
BOILER LIFTERS  
4, THUS EACH BOILER



6 - 1 $\frac{1}{2}$ " DIA. RIVETS  
1 $\frac{5}{16}$ " PLATE.



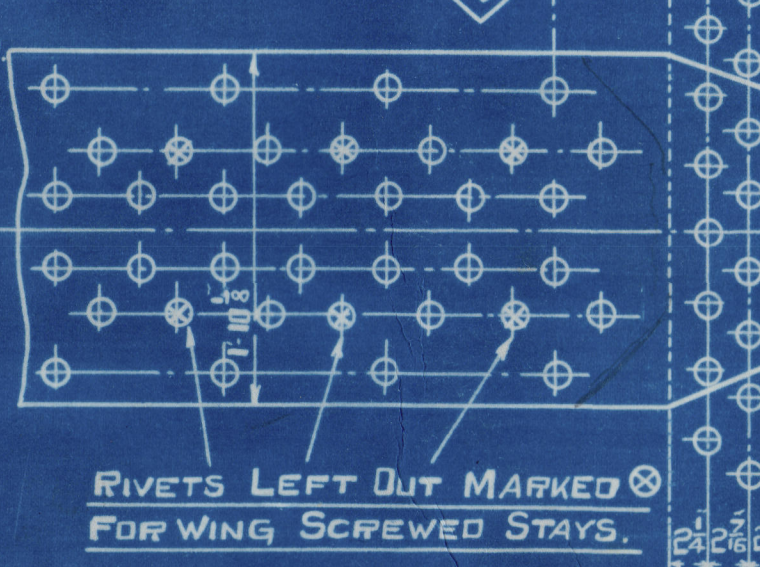
11, PITCHES AT  $10\frac{1}{4} = 9' - 4\frac{3}{4}$



1½" DIA. HOLES  
4¼" PITCH.

DOUBLE BUTT STRAPS  $1\frac{1}{2}$ " THK OUTER  $1\frac{1}{4}$ " THK INNER  
 $1\frac{1}{2}$ " DIA HOLES 10  $\frac{1}{4}$ " PITCH.  
 ALL HOLES DRILLED IN PLACE.

TENSILE STRENGTH OF SHELL & BUTT STRAPS  
29-33 TONS / 0"  
TO PASS LLOYD'S SURVEY  
WORKING PRESS: 220 LBS. / 0"  
TEST " 380 " "

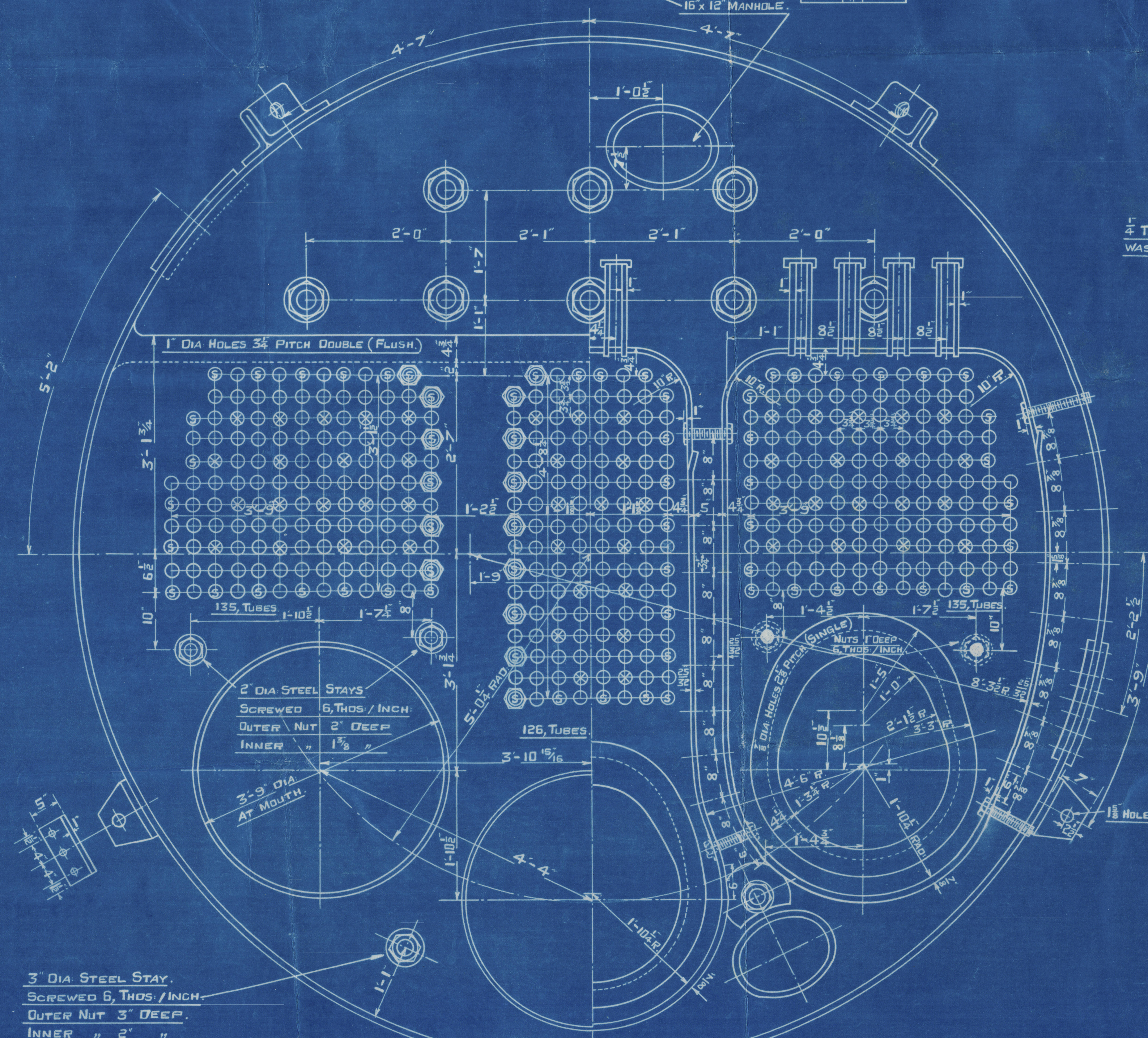


RIVETS LEFT OUT MARKED ⊗  
FOR WING SCREWED STAYS.

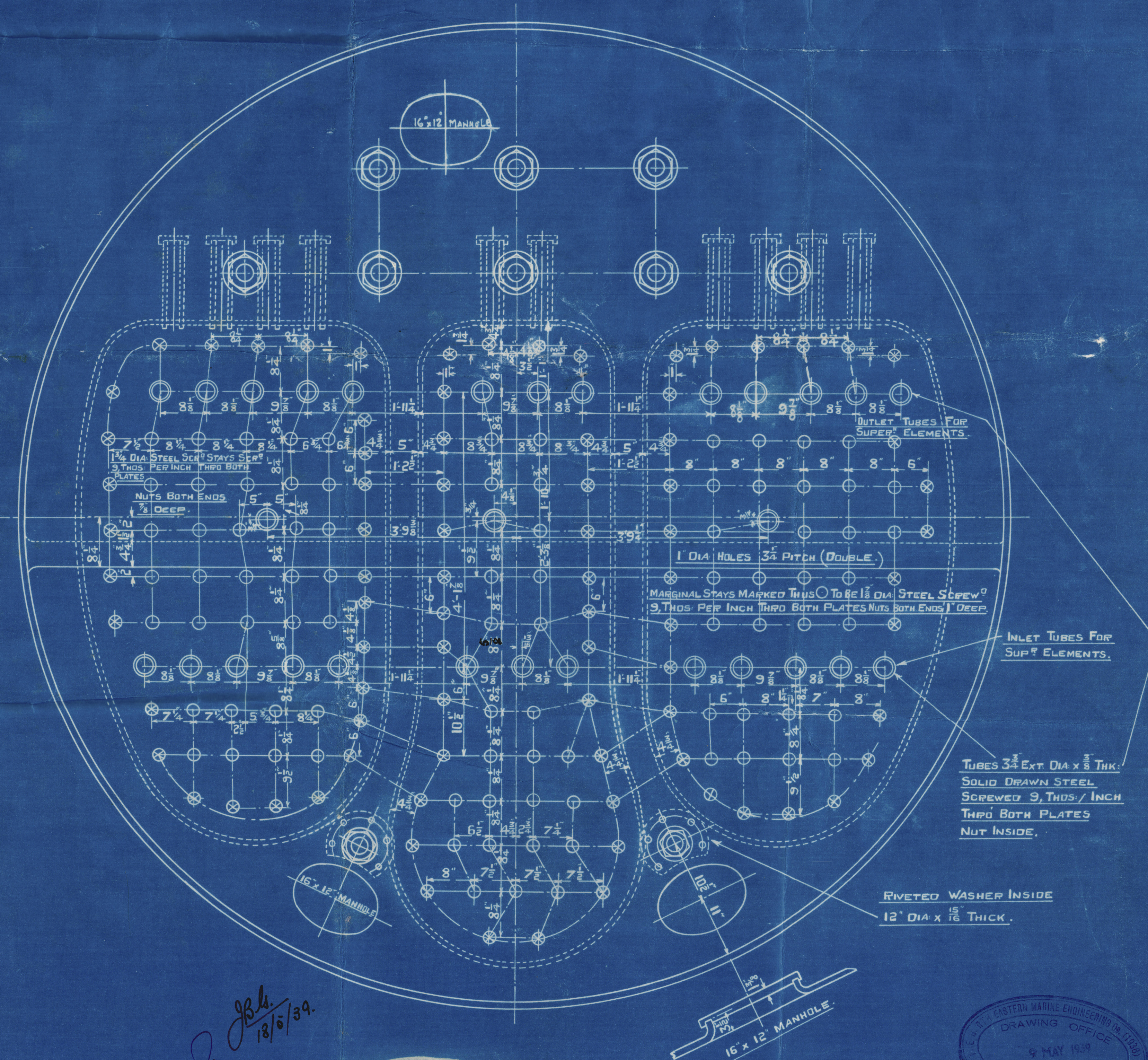
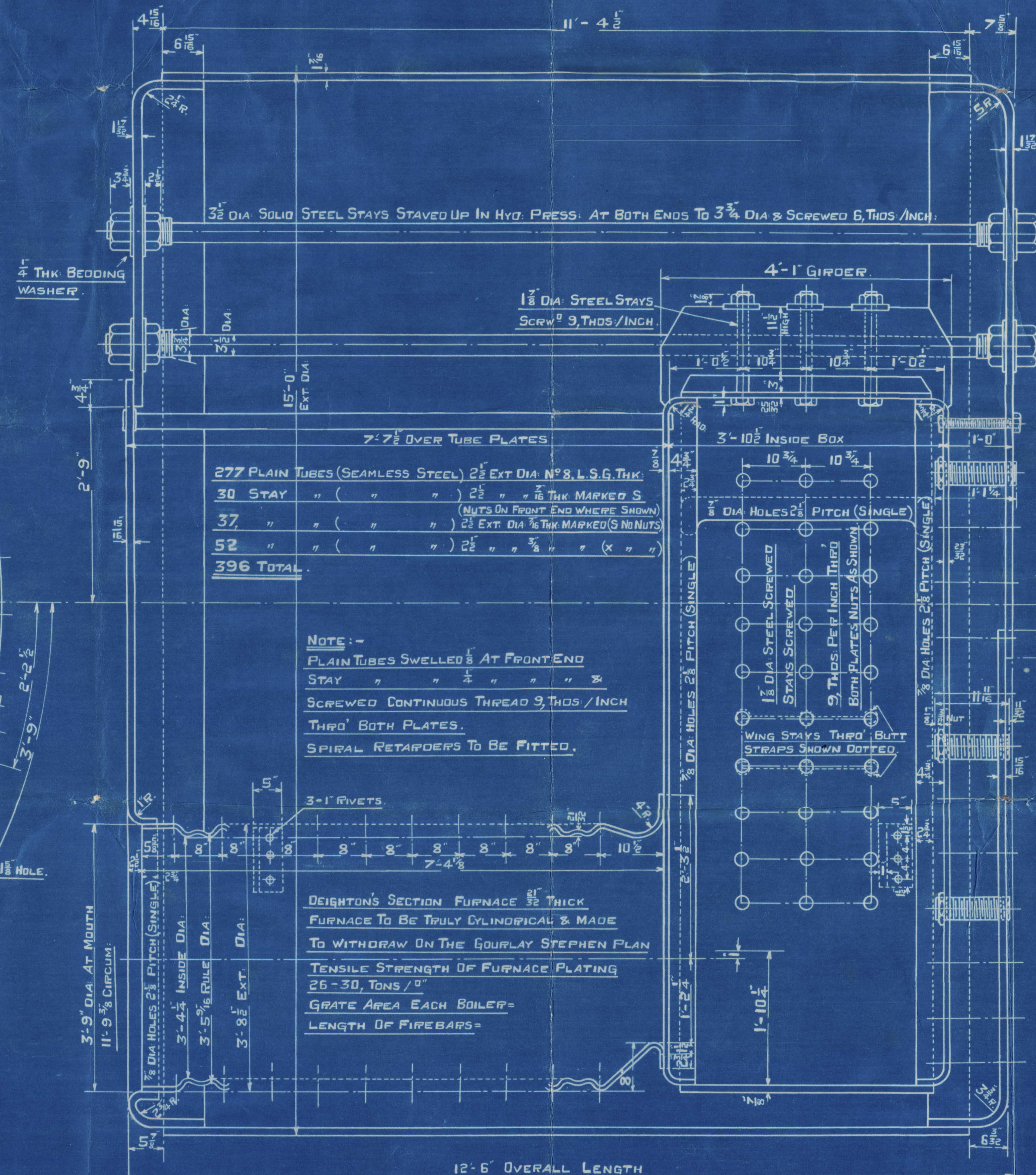
PARTICULARS	ONE BLR	TWO BLRS
HEATING SURFACE TUBES	1957 ₦	
" " ELSEWHERE	513 ₦	
" " TOTAL	2470 ₦	4940 ₦
AREA THRU TUBES	9 ₦	18 ₦

## TESTS OF MATERIAL

SHELL PLATES	- 29	33 TONS/0
BUTT STRAPS	- "	" "
GIRDERS	- "	" "
MANHOLE DOORS	- "	" "
ALL COMB CH: S. FLANGING PLATES	- 26-30	" "
FURNACES	- "	" "
SCREWED STAYS	- "	" "
LONGITUDINAL STAYS	- 28-32	" "



2, OFF. THUS.



SCHEDULE "D" a

GEORGE CLARK (1938) LIMITED  
 DATE 12-5-39  
 DRAWING No. 5630  
 SOUTHWICK, SUNDERLAND

TRACING NO 789

CONTRACT № 1218.

FOR MESSRS WM PICKERSGILL & SONS LTD. 95 N<sup>o</sup>. 243

W1262-0106





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Geo. Clark (1938) fin 2,

Cont. 1218.

Main Boilers

Pickersgill's

No. 243.

"Stammers"

SUNDERLAND RPT. NO. 32948

3



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