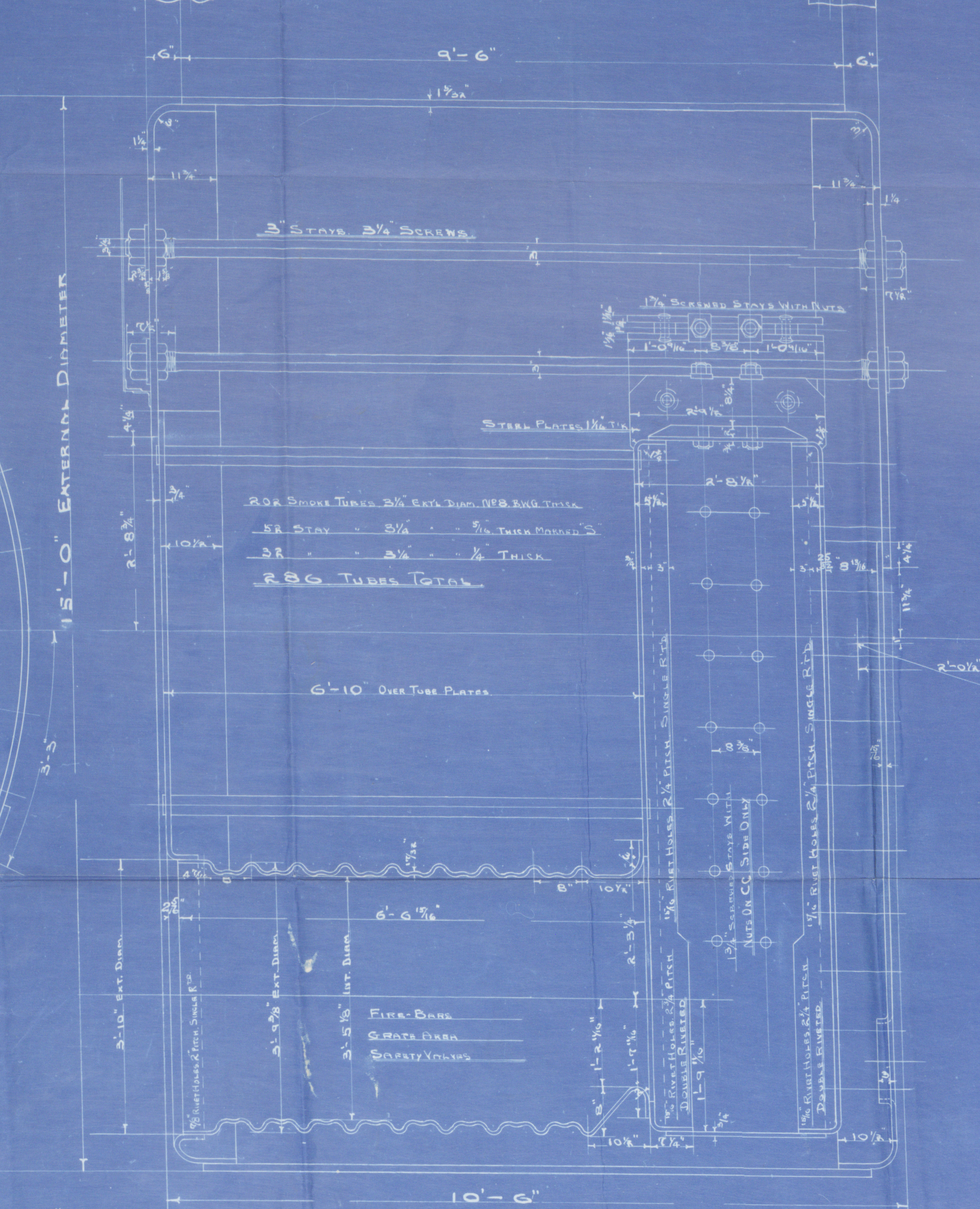
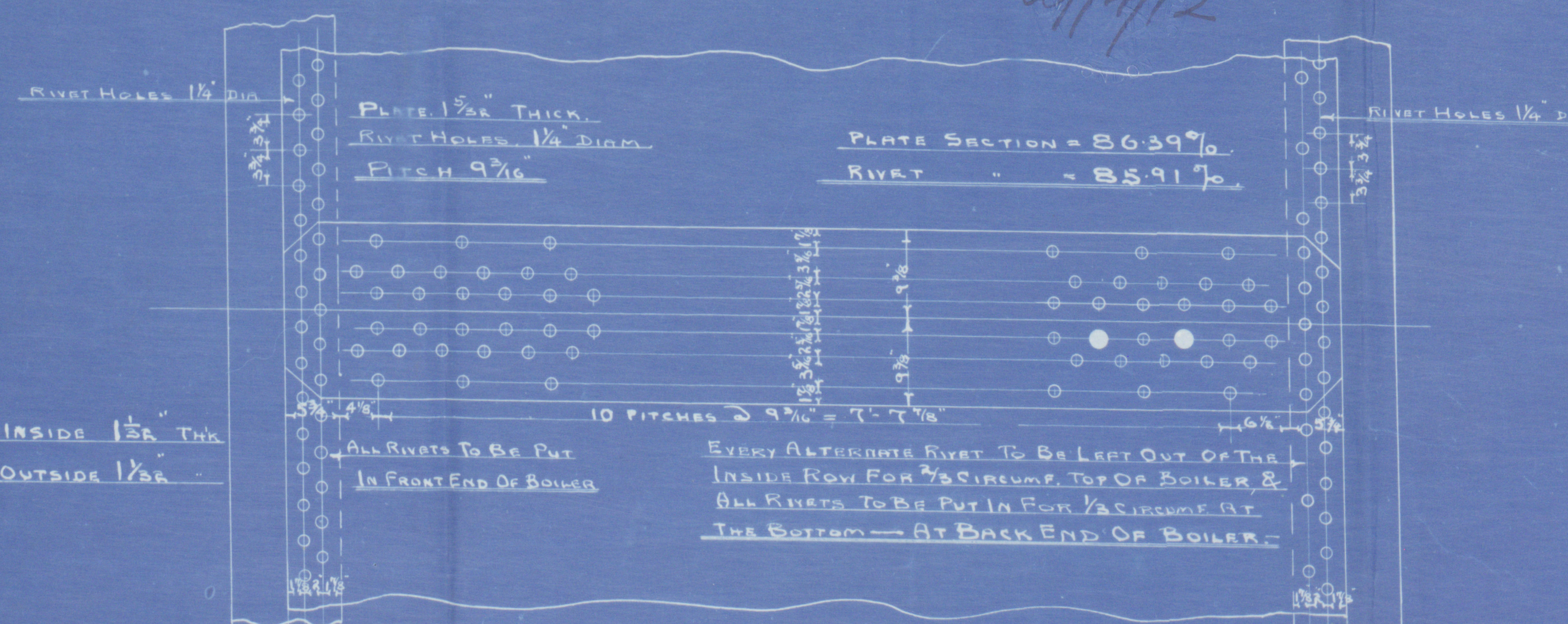
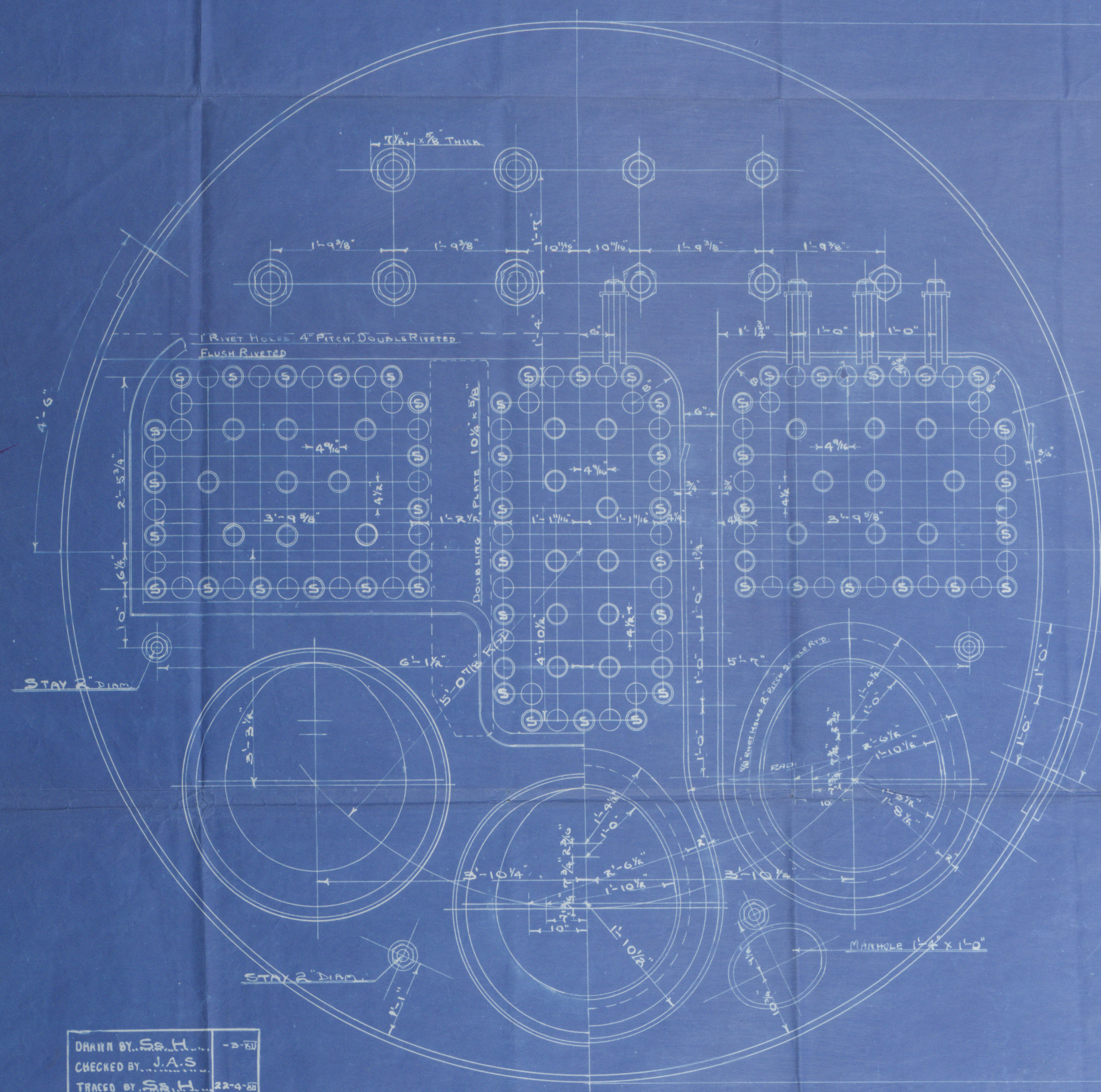


# SUNDERLAND ENGINE WORKS

## BOILER

TRACING 4136. WRITTEN DIMENSIONS ONLY TO BE TAKEN. SCHEDULE "L"



To Pass Lloyd's Survey	
SHELL - 1 1/2" THICK	180 LBS/SQ
WORKING PRESSURE	180 LBS/SQ
TEST	360
HEATING SURFACE ON TUBES	1662 SQ. FT.
" " OTHER PARTS	440 " "
TOTAL	2102 " "
FRONT TUBE PLATE	2060 " "
EFFECTIVE AREA OF STAYS	
3/4" STAY TUBES 5/16" TH. 9 TUBES EACH	2.17 SQ. INCHES
3/4" " " 1/4" " 9 " "	1.64 " "
2" MAIN STAYS	6 " " 7.06 " "
2" " " 6 " " 2.51 " "	
2" SCREWED	11 " " 2.19 " "
1 1/2" " "	11 " " 2.43 " "
1 1/2" " "	11 " " 2.1 " "

ALL PLATES, RIVETS, & STAYS - STEEL.  
TUBES - WROUGHT IRON.  
HOLES TO BE DRILLED IN PLACE AFTER BENDING.  
TENSILE STRENGTH OF SHELL PLATES NOT LESS THAN 28 TONS/SQ. IN.  
" " " " " " 28 " "  
" " " " " " 28 " "



DRAWN BY S.S.H. - 2-70  
CHECKED BY J.A.S.  
TRACED BY S.S.H. - 22-0-00

CONTRACT 2075. 2 OFF.



N. E. M. E. Co L<sup>d</sup>.

Ct. No. 2075.

MAIN. BLR3. 2 OFF.

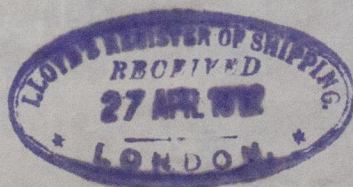
N<sup>o</sup> 3064  
LLOYD'S TEST.  
360 LBS.  
18-11-12 W.B.

Socoa

Sld Rpt. No 25560

R. THOMPSON & SONS.

S. S. No 277



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Lloyd's Register  
Foundation

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