

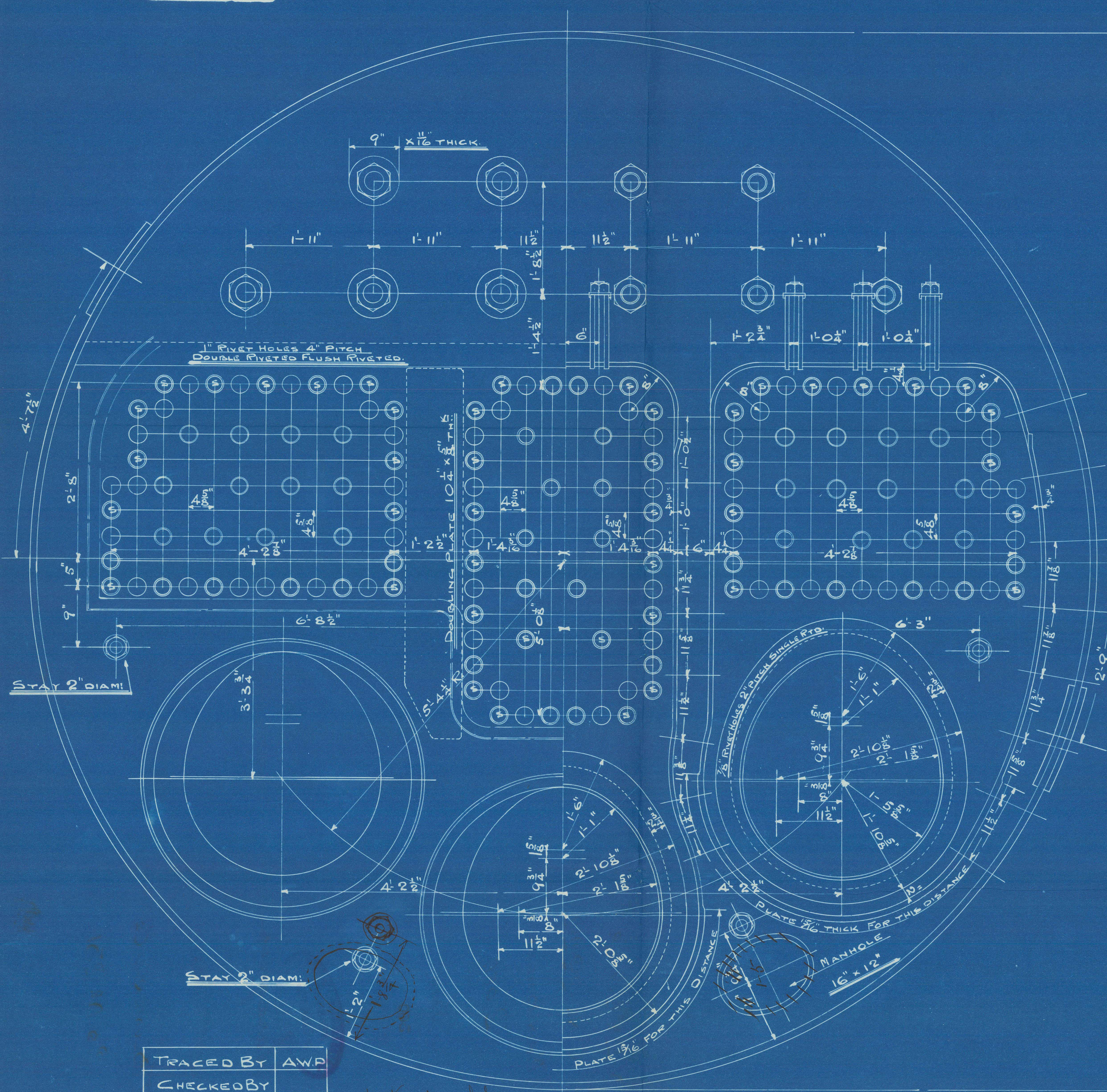
SUNDERLAND ENGINE WORKS

BOILER

SCALE: 1 INCH TO A FOOT

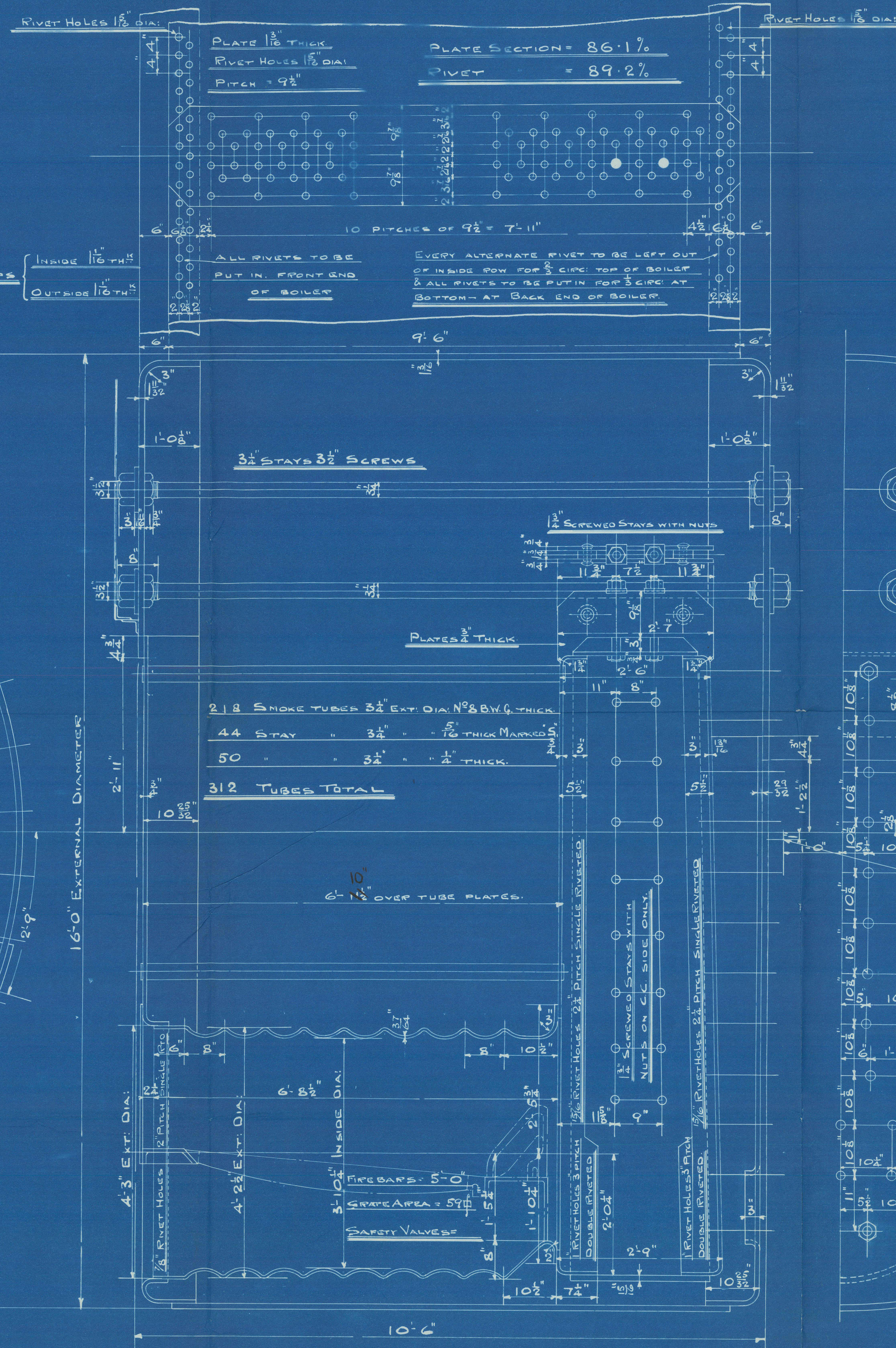
SCHEDULE "L"

WRITTEN DIMENSIONS ONLY TO BE TAKEN



TRACED BY AWP
CHECKED BY

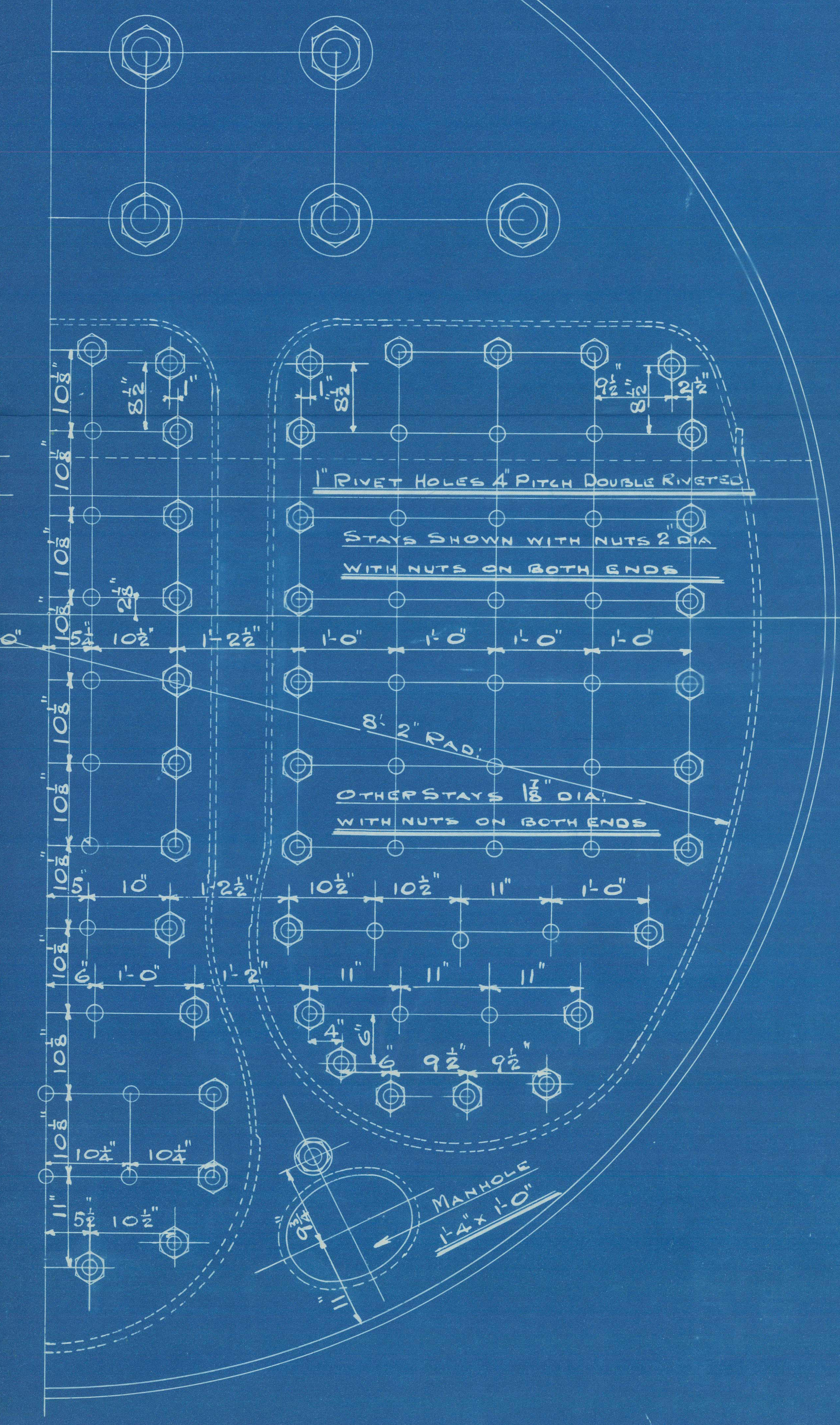
Paul J. M. 5/1/15



5/1/15

TO PASS LLOYD'S SURVEY	
SHELL 23.47 (14.2) 86.1	181.1 LBS
WORKING PRESSURE	180 "
TEST	360 "
HEATING SURFACE ON TUBES	1850 SQ. FT.
OTHER PARTS	550 "
TOTAL	2400 "
EX. FRONT TUBE PLATE	2350 . 237
EFFECTIVE AREA OF STAYS	
3 1/2" STAY TUBES WITH 9" HOLE	217 SQ. IN.
3 1/2" " " " " " " " " " "	164 " "
2" MAIN STAYS	6 " " " 829 " "
2" " " " " " " " " " "	251 " "
2" SCREWED STAYS	11 " " " 279 " "
1 1/2" " " " " " " " " " "	243 " "
1 1/2" " " " " " " " " " "	21 " "
ALL PLATES RIVETS & STAYS - STEEL -	
TUBES - WROUGHT IRON -	
HOLES TO BE DRILLED IN PLACE AFTER BENDING	
TENSILE STRENGTH OF SHELL PLATES 298 TO 332	
" " " " " " " " " " " "	CLIPPER " 28 TO 32
" " " " " " " " " " " "	MAIN STAYS " 28 TO 32

MANHOLE 1' 4" x 1' 0"
FLANGED IN END PLATE



CONTRACT 2222 2-OFF

N. E. M. E. Co. L^d.

C. No. 2222

MAIN BOILERS.

2 OFF.

No. 3345
LLOYD'S TEST
360 lbs.
14.7.16 C.C.



Saragoesa

BUNDERLAND RPT. No. 26826

J. BLUMER & Co

2/3 No. 231



W775-0149



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Foundation