

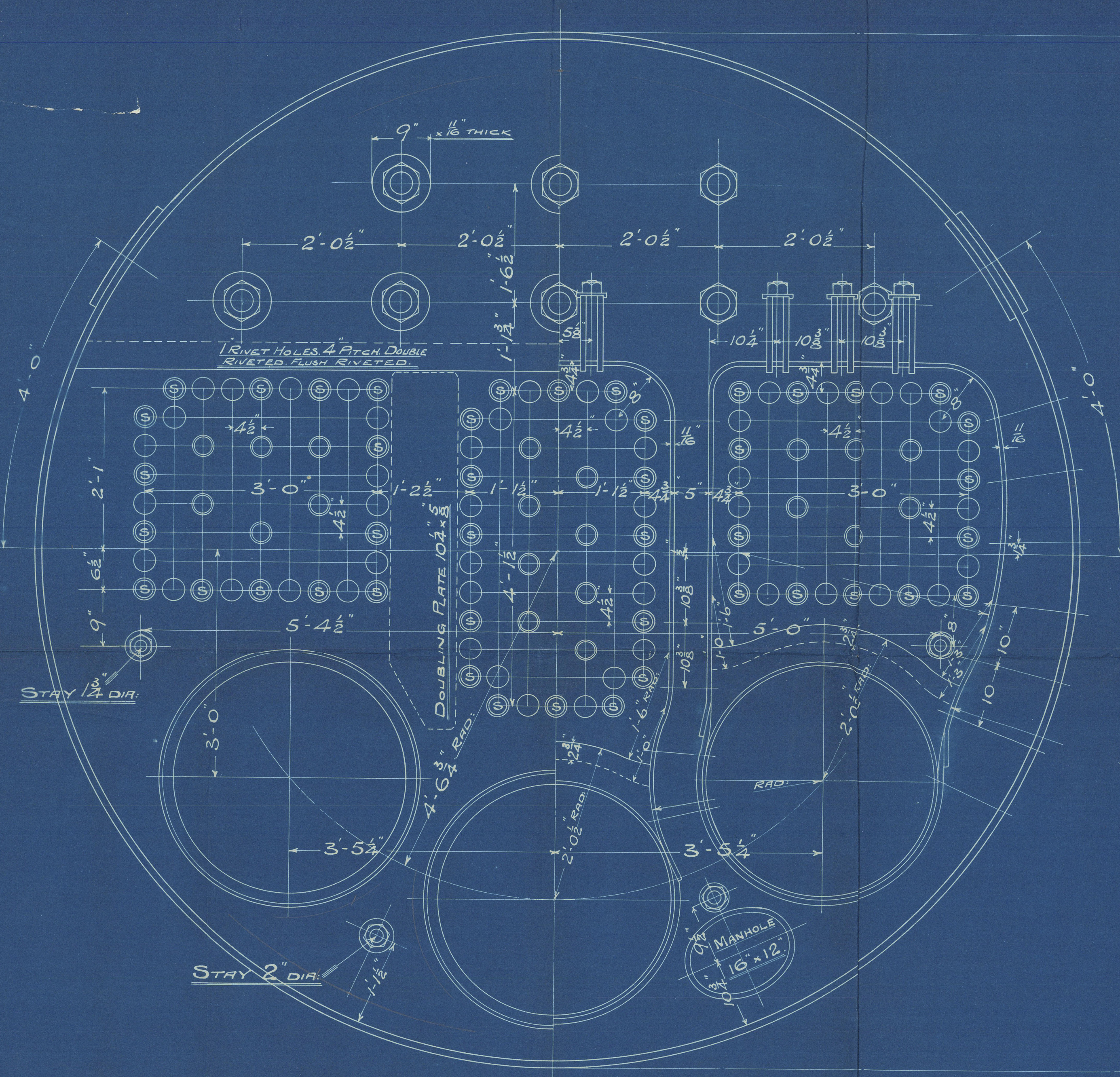
10/12/07

SUNDERLAND ENGINE WORKS

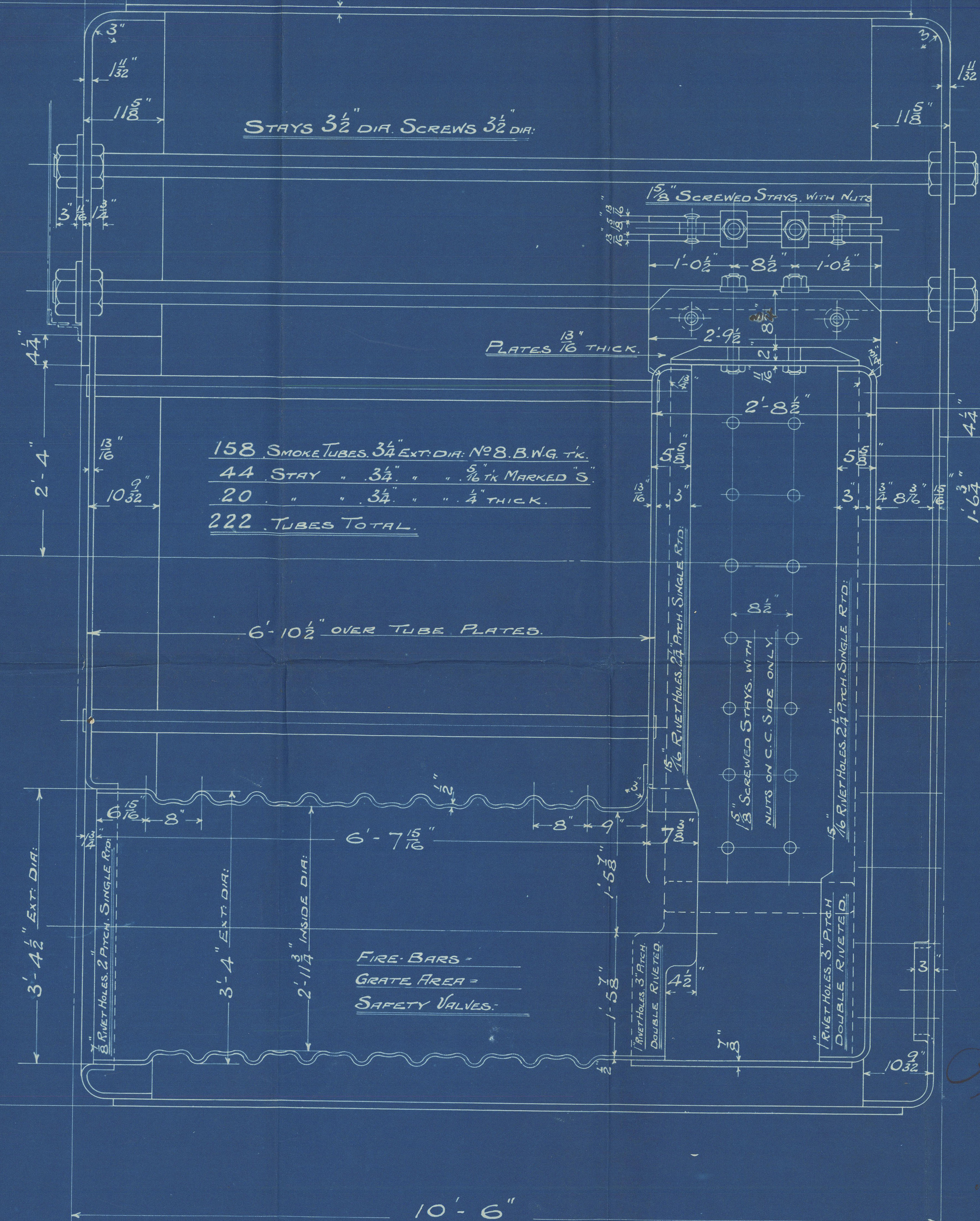
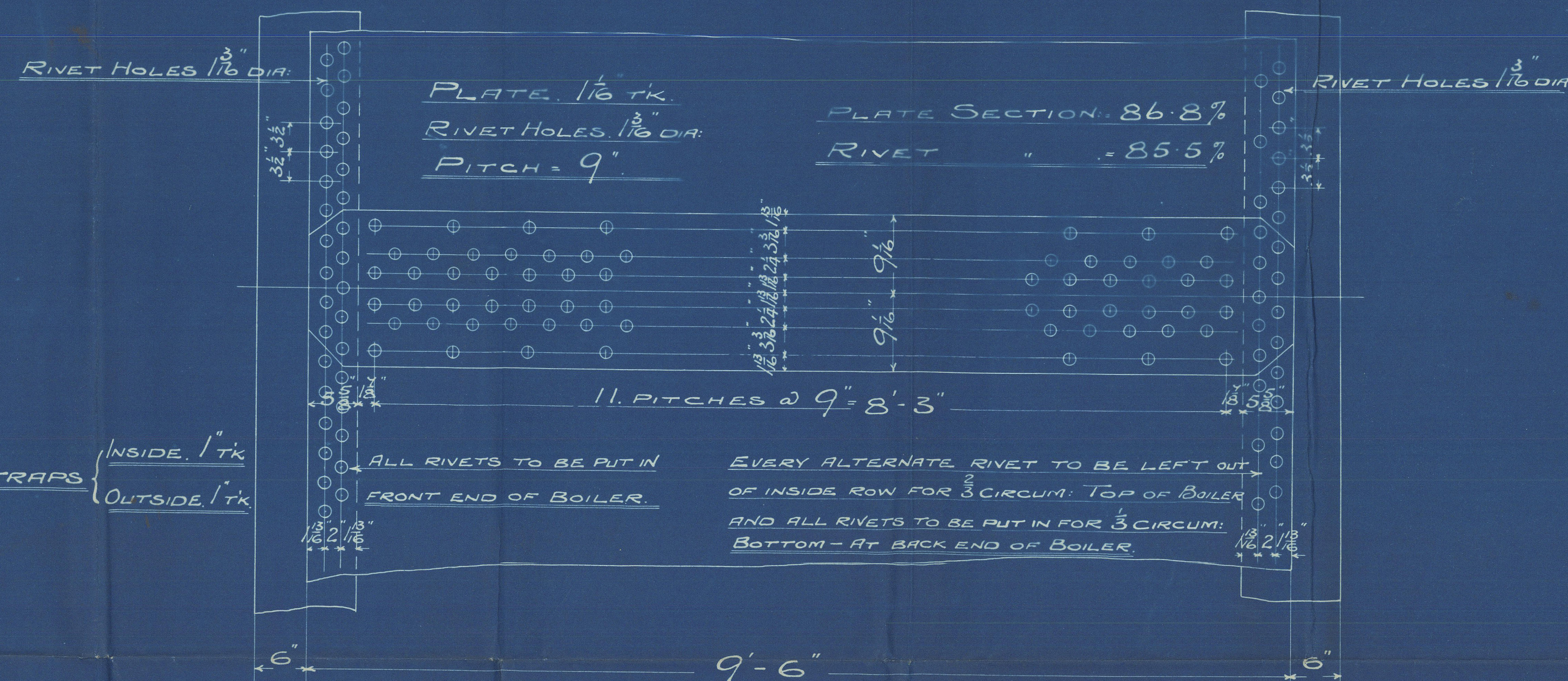
BOILER

TRACING 2514 SCALE - 1 INCH TO A FOOT SCHEDULE L.

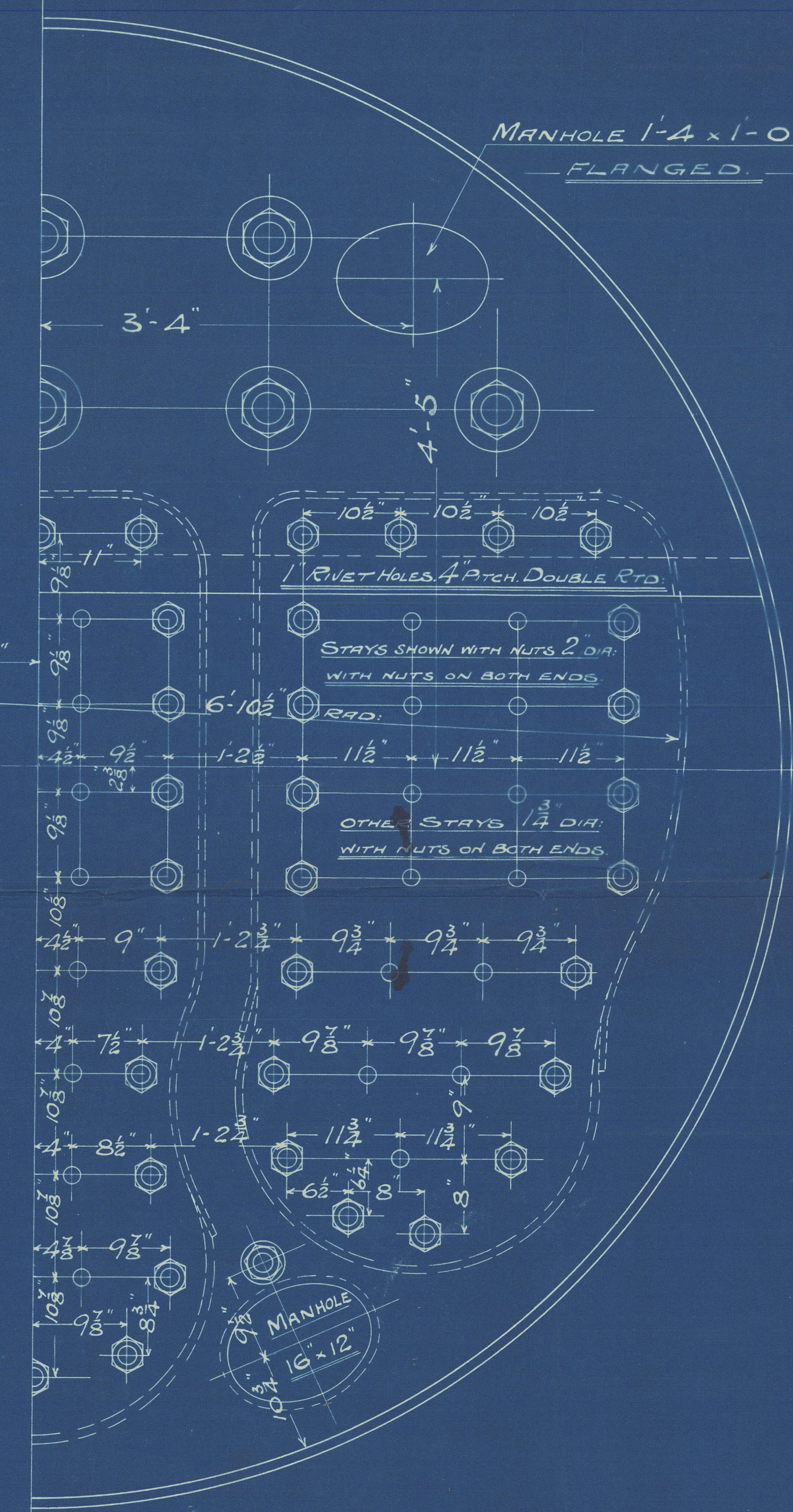
WRITTEN DIMENSIONS ONLY TO BE TAKEN



BUTT STRAPS
INSIDE 1" TK
OUTSIDE 1" TK



TO PASS "LLOYD'S" SURVEY		
SHELL = 22 SB (17-2) 85.5	=	181 LBS PER SQ. IN.
WORKING PRESSURE =	180	" " "
TEST =	360	" " "
HEATING SURFACE ON TUBES	1300	SQ. FT.
" " OTHER PARTS	415	" " "
" " TOTAL	1715	" " "
EX. FRONT TUBE PLATE	1678	" " "
EFFECTIVE AREA OF STAYS		
3 1/2" STAY TUBES 1/16" TK 9 THREADS PER IN.	2.17	SQ. INCHES
3 1/2" " " 4" 9	1.64	" " "
3 1/2" MAIN STAYS 6	8.48	" " "
2" " " 6	2.51	" " "
1 1/2" " " 6	1.85	" " "
2" SCREWED " 11	2.79	" " "
1 1/2" " " 11	2.10	" " "
1 1/8" " " 11	1.79	" " "
ALL PLATES, RIVETS & STAYS - STEEL -		
TUBES - WROUGHT IRON -		
HOLES TO BE DRILLED IN PLACE AFTER BENDING.		
TENSILE STRENGTH OF SHELL PLATES & BUTT STRAPS NOT LESS THAN 28 1/2 TONS		
" " MAIN STAYS	28	" " "
" " GIRDER PLATES	28	" " "



DRAWN BY J.A.S.
CHECKED BY -
TRACED BY -
CHECKED BY -
TRACING No. 2514

CONTRACT 1734.3 OFF



W914-0160

R. Craggs + Sons - 222.5

N.E.M.E. 6 - C1834

40 "Brika"
Sld apt No 23800

No 2694
LLOYD'S TEST
360 LBS.
13.3.08 R.W.C.



RECEIVED

W914-0160



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Lloyd's Register
Foundation