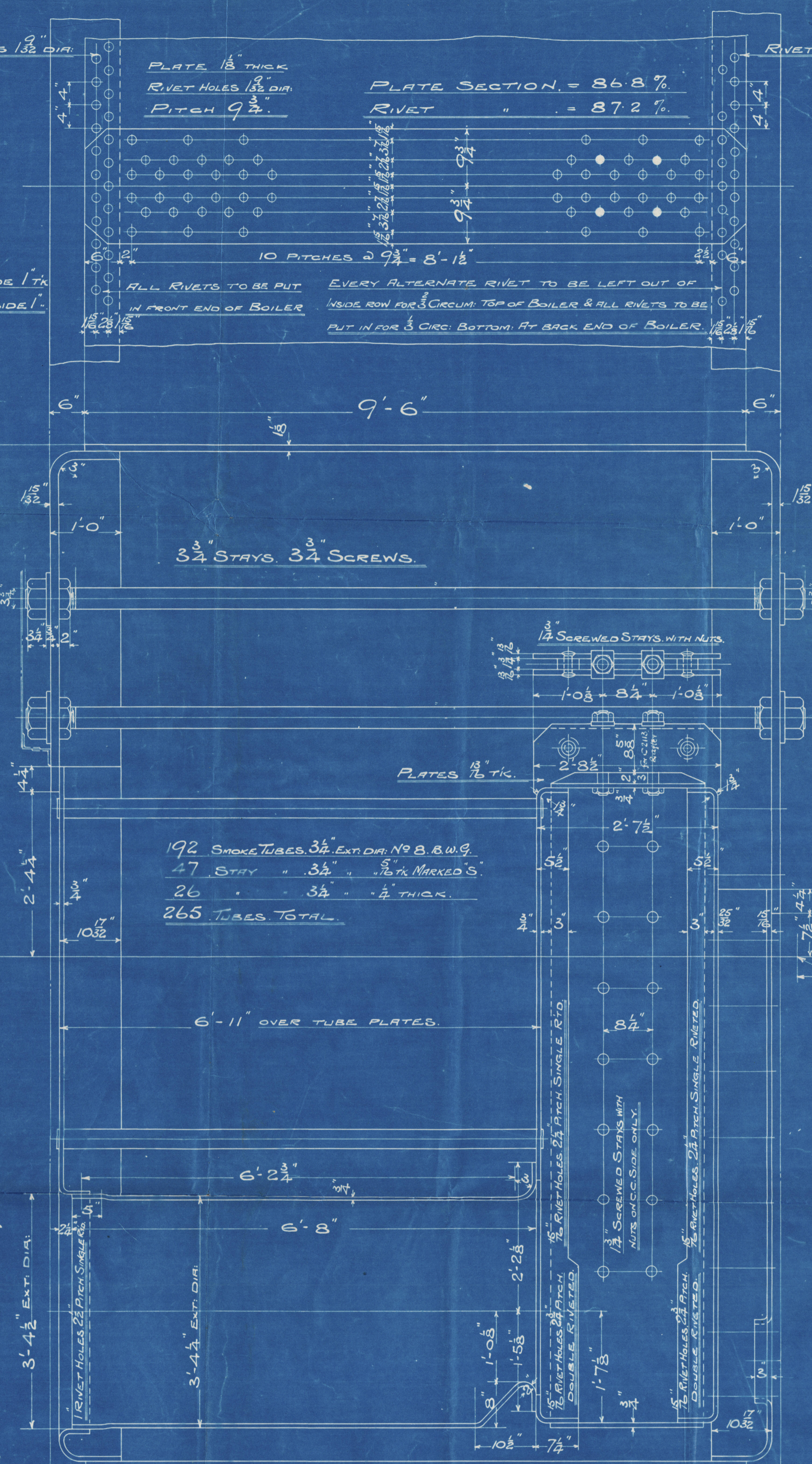
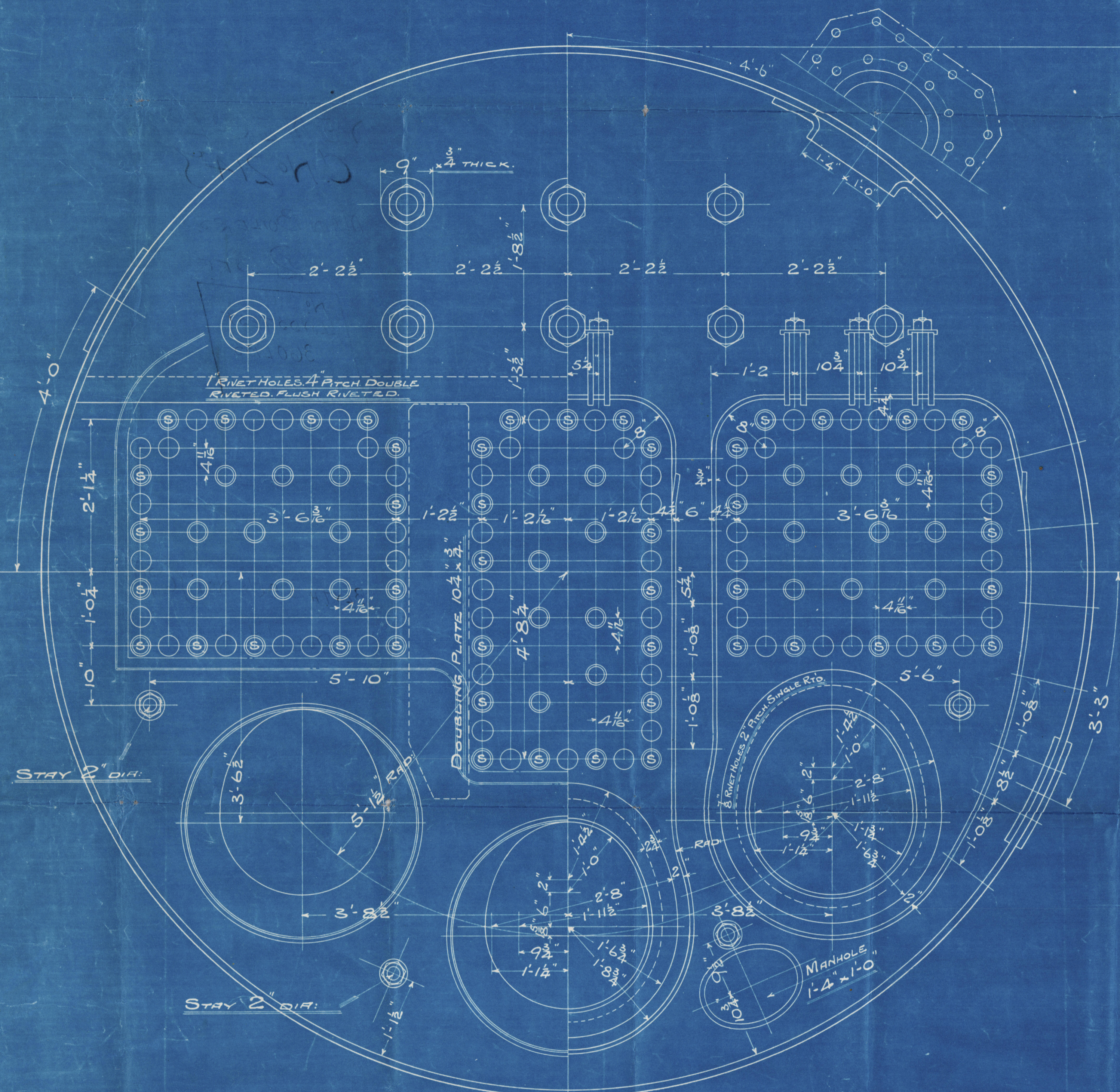


SUNDERLAND ENGINE WORKS

BOILER
TRACING 3248. SCALE - 1 INCH TO A FOOT. SCHEDULE L.

WRITTEN DIMENSIONS ONLY TO BE TAKEN



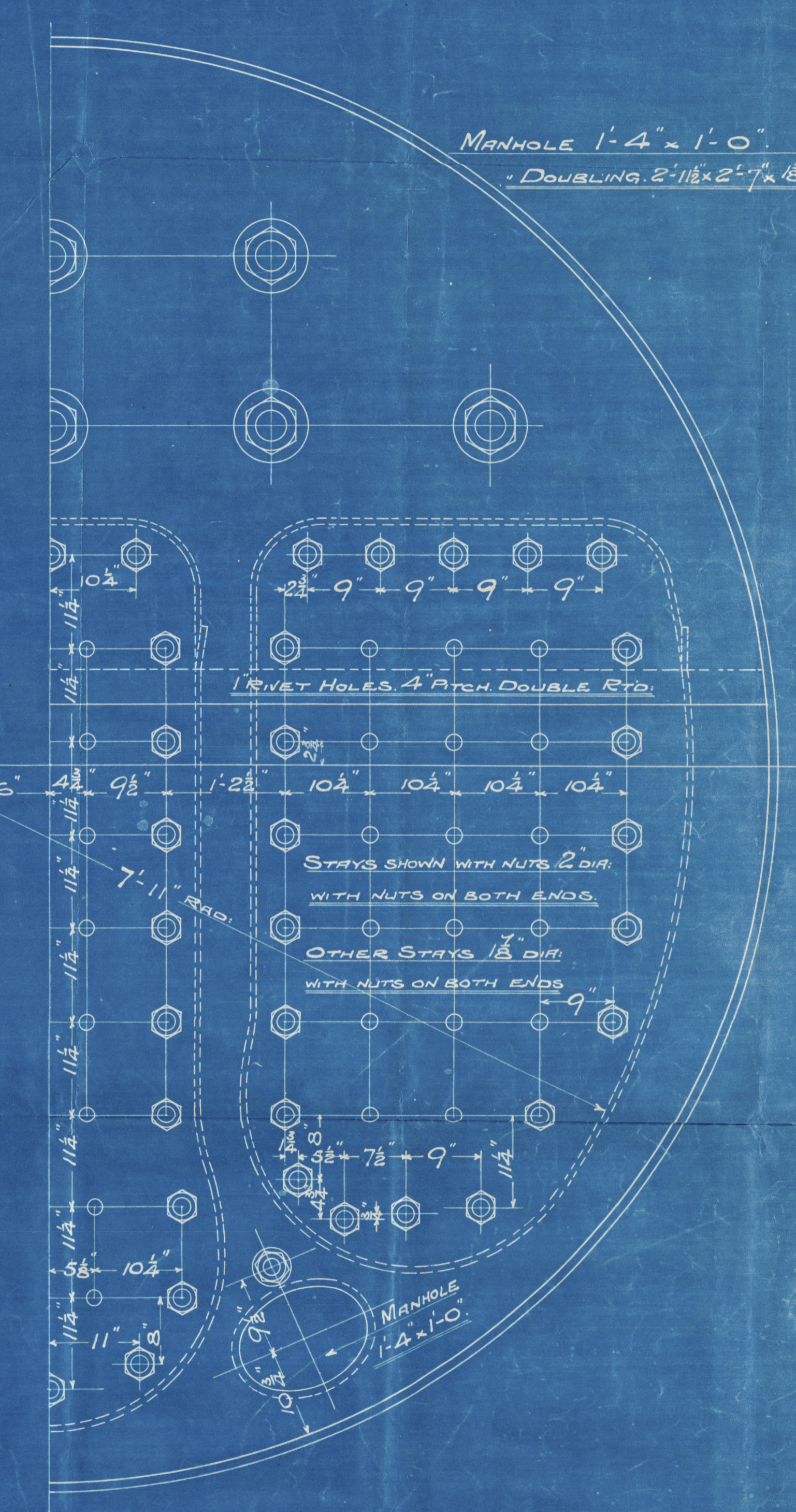
To PASS "LLOYD'S" SURVEY.

SHELL	= 22 x 28 STS (18-2) 26 x 8	= 1803 LBS PER 9'
WORKING PRESSURE	= 180	" " "
TEST	= 360	" " "
HEATING SURFACE ON TUBES	1562	" " "
" " OTHER PARTS	438	" " "
" " TOTAL	2000	" " "
EXT. FRONT TUBE PLATE	1959	" " "
EFFECTIVE AREA OF STAYS		
3 1/2" STAY TUBES 7/8" x 9" THREADS PER IN.	2.17	SQ. INS.
3 1/2" " " 4" x 9" " " " "	1.64	" " "
3 1/2" MAIN STAYS 6	9.82	" " "
2" " " 6	2.51	" " "
2" SCREWED " 11	2.79	" " "
1 1/8" " " 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 1/2 TONS.

" " GIRDER	" " 28
" " MAIN STAYS	" " 28



DRAWN BY J.A.S.
CHECKED BY -
TRACED BY J.A.S.
CHANGED BY -
TRACING NO. 3248

Prof.
18.9.13.
J.P.R.
18.9.13

- CONTRACT 2147.2 OFF.
- CONTRACT 1956.2 OFF.
- CONTRACT 1967.2 OFF.
- 2032.2 OFF.
- CONTRACT 2113.2 OFF.
- 2126.2 OFF.
- CONTRACT 2146.2 OFF.

N.E.M.E.C^oL^d
C. No 2145.

MAIN BOILERS,

2 OFF

No 3190.
LLOYD'S TEST
360 LBS.
16-2-14 W.B.



BLYTH SBC^o No 1 76 ⁵/₈.

DUP. C. N. 2146.

S. S. Aydon

Slip No 26062

N.N. Castillo Moncada

W/202-0160

