

23:6:05

SUNDERLAND ENGINE WORKS

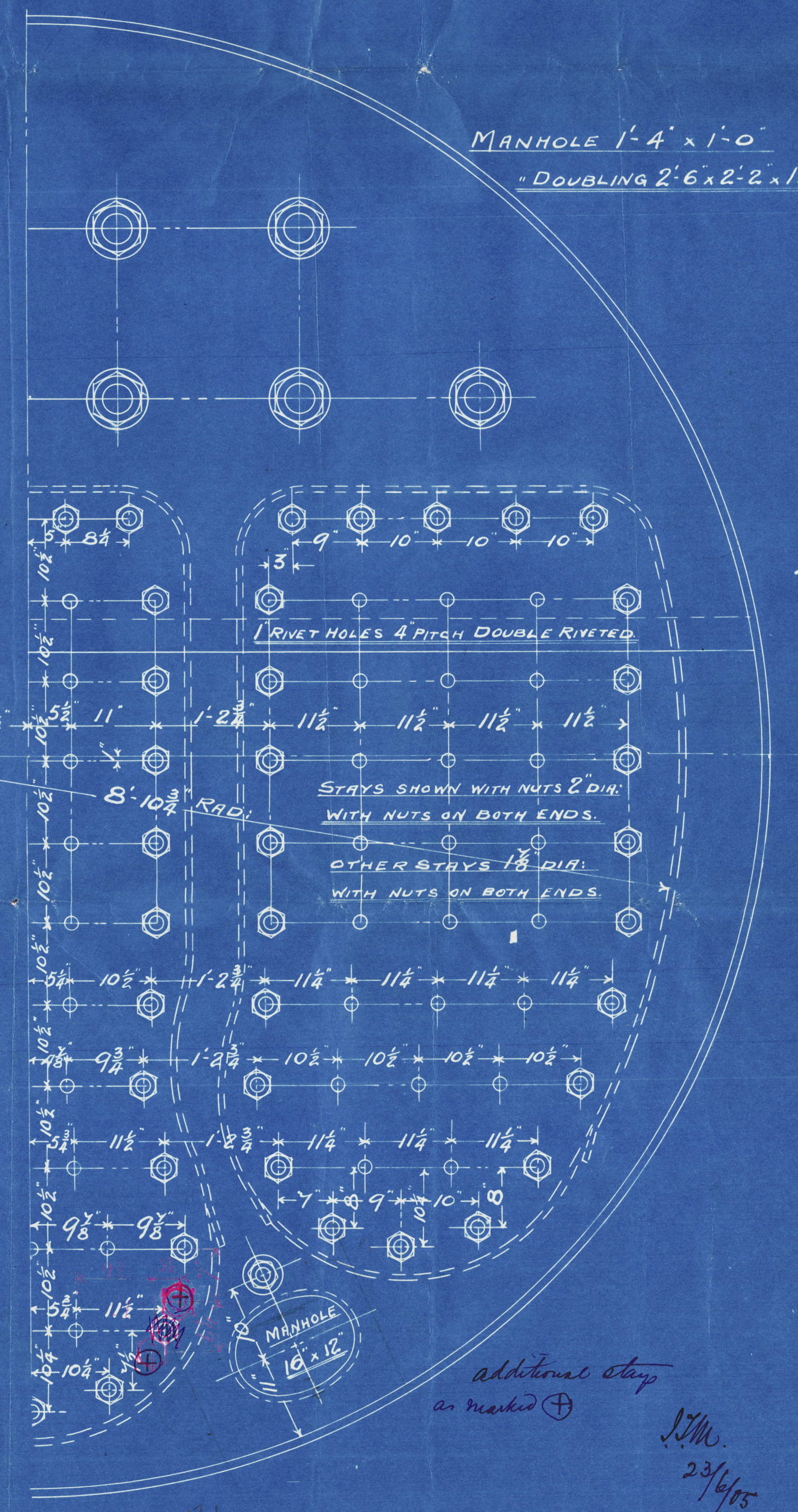
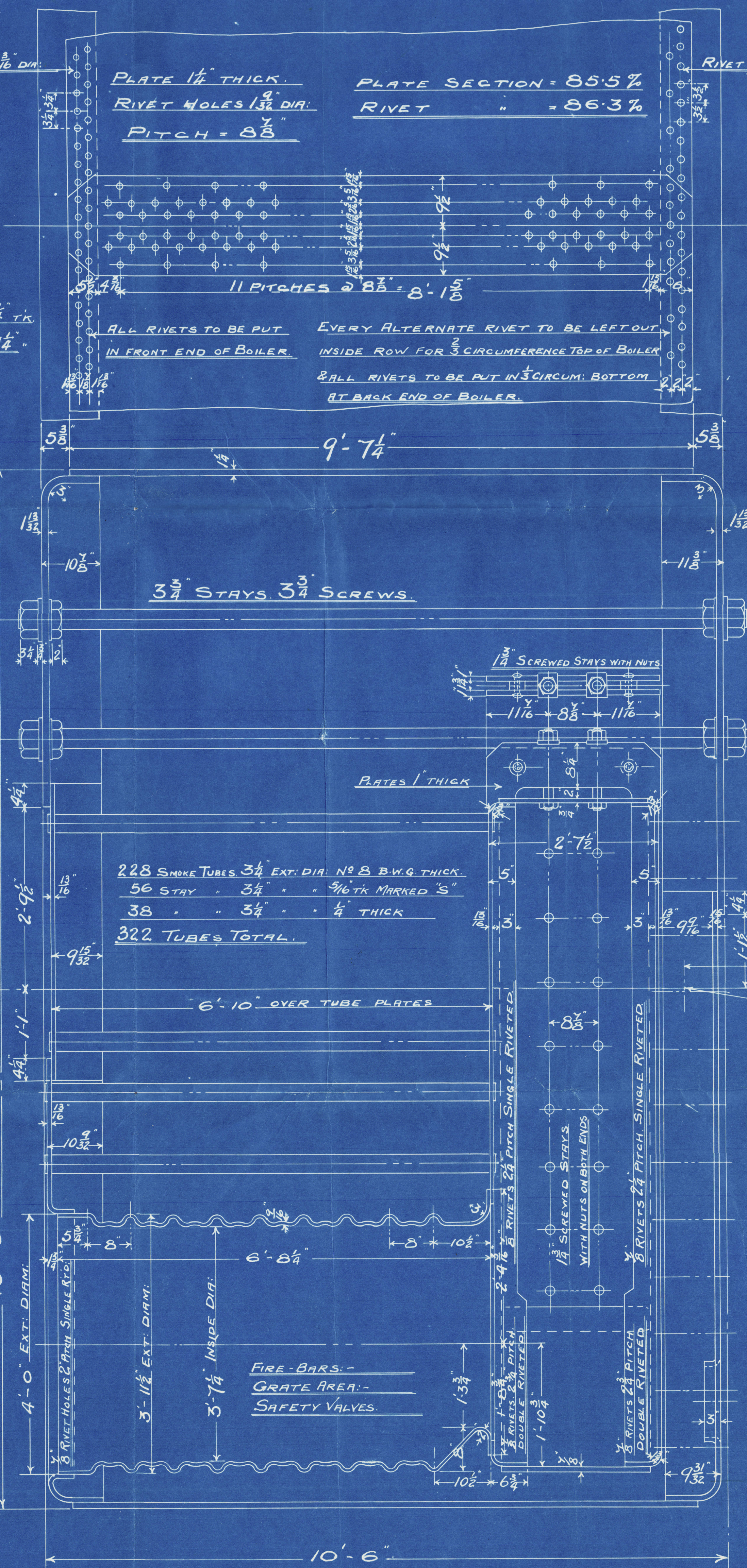
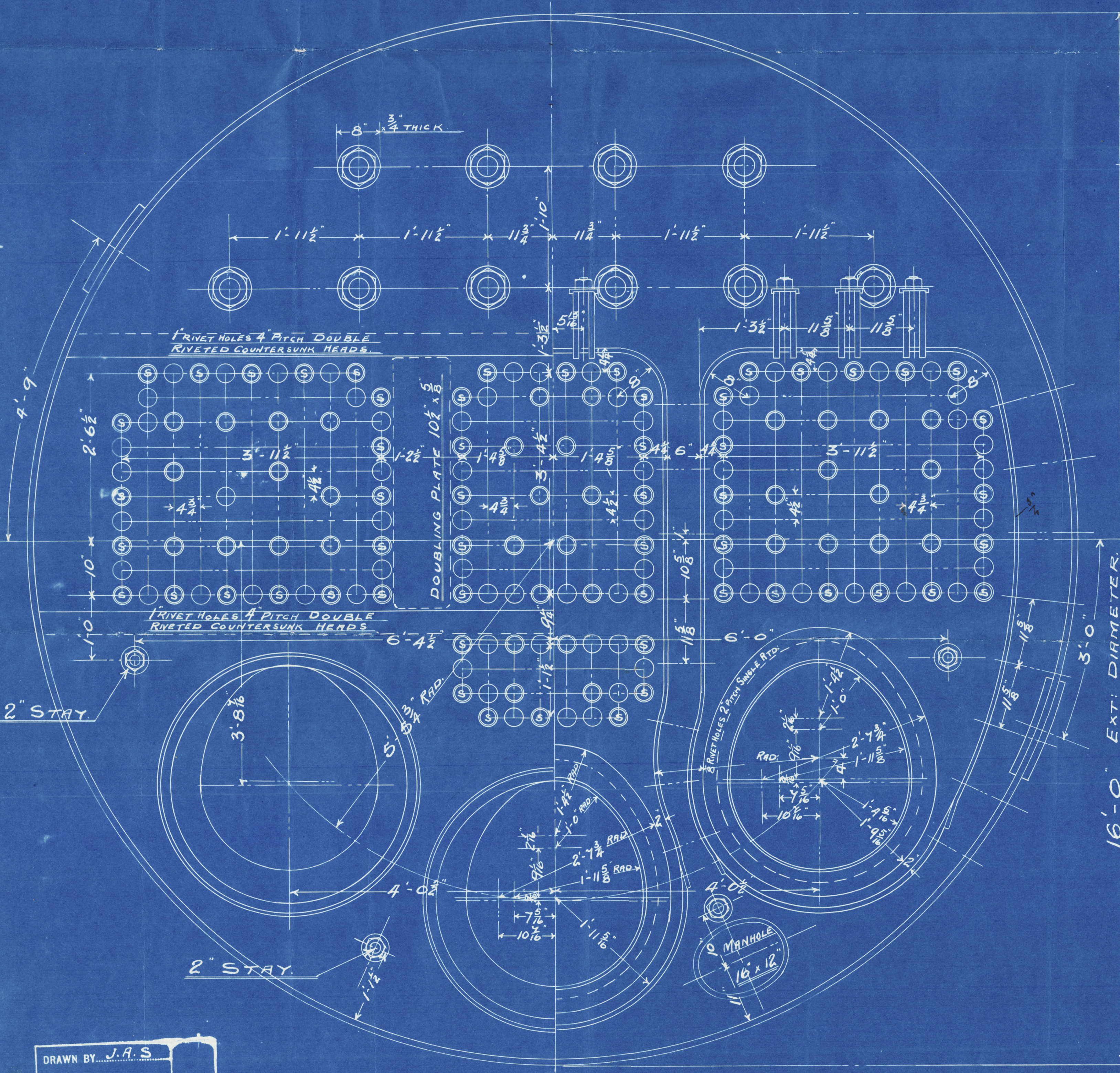
BOILER

TRACING 1283 SCALE - 1-INCH TO A FOOT

SCHEDULE L

WRITTEN DIMENSIONS ONLY TO BE TAKEN

29682



LLOYDS	22.36 (20.2) 85.5	=	181.5 LBS PER SQ. IN.
WORKING PRESSURE	=	180	" "
TEST	=	360	" "
HEATING SURFACE ON TUBES	=	1872	SQ. FT.
" " OTHER PARTS	=	481	" "
" " TOTAL	=	2353	" "
EX: FRONT TUBE PLATE	=	2305	" "
EFFECTIVE AREA OF TUBES	=		
3/4" STAY TUBE 5/16" THK 9" THREADS PER IN.	=	2.1750	SQ. IN.
3/4" " " 9" " " " " "	=	1.64	" "
3/4" MAIN STAYS 6" " " " " "	=	9.82	" "
2" " " 6" " " " " "	=	2.51	" "
2" SCREWED " 11" " " " " "	=	2.79	" "
1 1/8" " " 11" " " " " "	=	2.43	" "
1 1/4" " " 11" " " " " "	=	2.1	" "

PLATES RIVETS & STAYS - STEEL.
TUBES - WROUGHT IRON.
HOLES TO BE DRILLED IN PLACE AFTER BENDING.
TENSILE STRENGTH OF SHELL PLATES NOT LESS THAN 28 3/4 TONS.
" " " MAIN STAYS " " " 27 "

DRAWN BY J.A.S.
CHECKED BY W.A.B.
TRACED BY H.M.
CHECKED BY H.M.
TRACING No. 1283

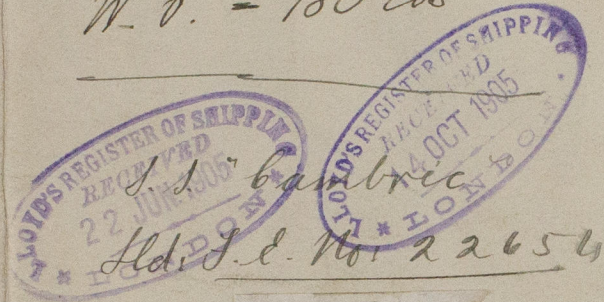
N. E. Mar. Eng. Co. Ltd.

No. 1637

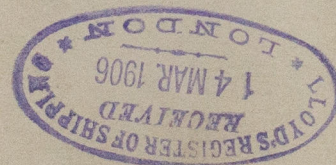
Boilers for
Sld. S. B. Co's

$\frac{7}{8}$ No. 235.

W. P. - 180 lbs



No 2462
Lloyds Test.
360. lbs.
8/2/06 A.B.



W918-0113



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Lloyd's Register
Foundation