

MR. 11/3/03

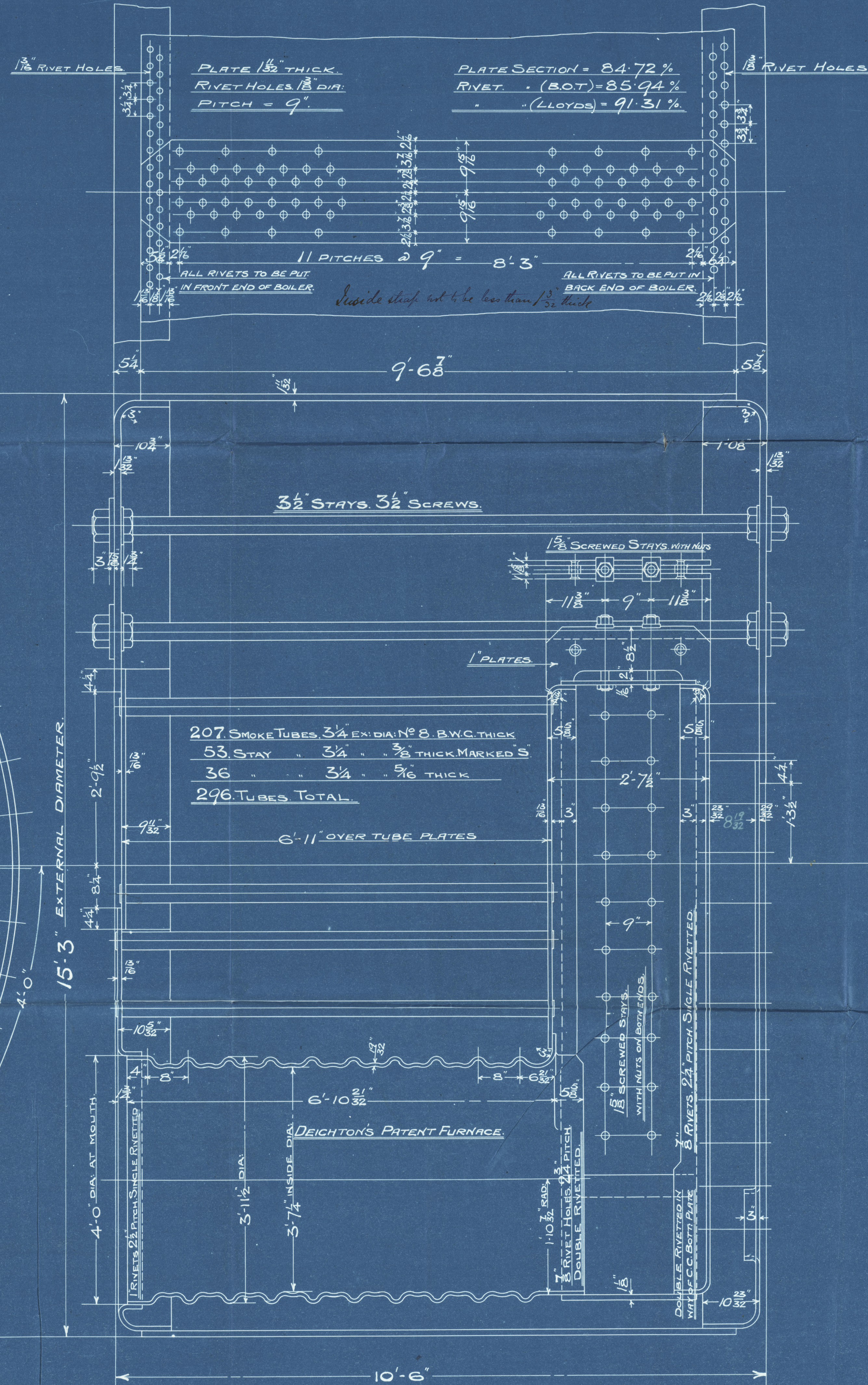
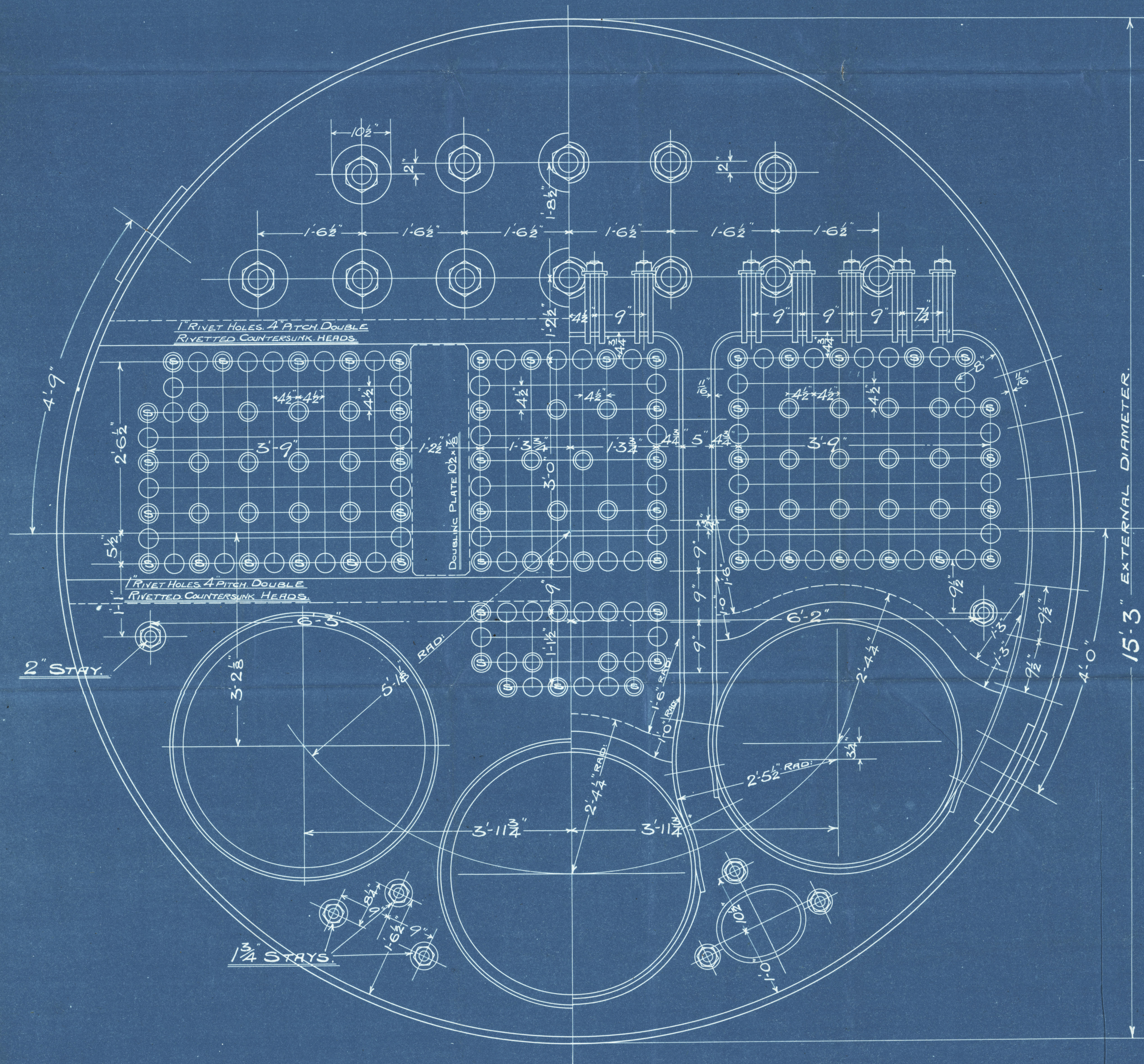
14: 3: 03

SUNDERLAND ENGINE WORKS.

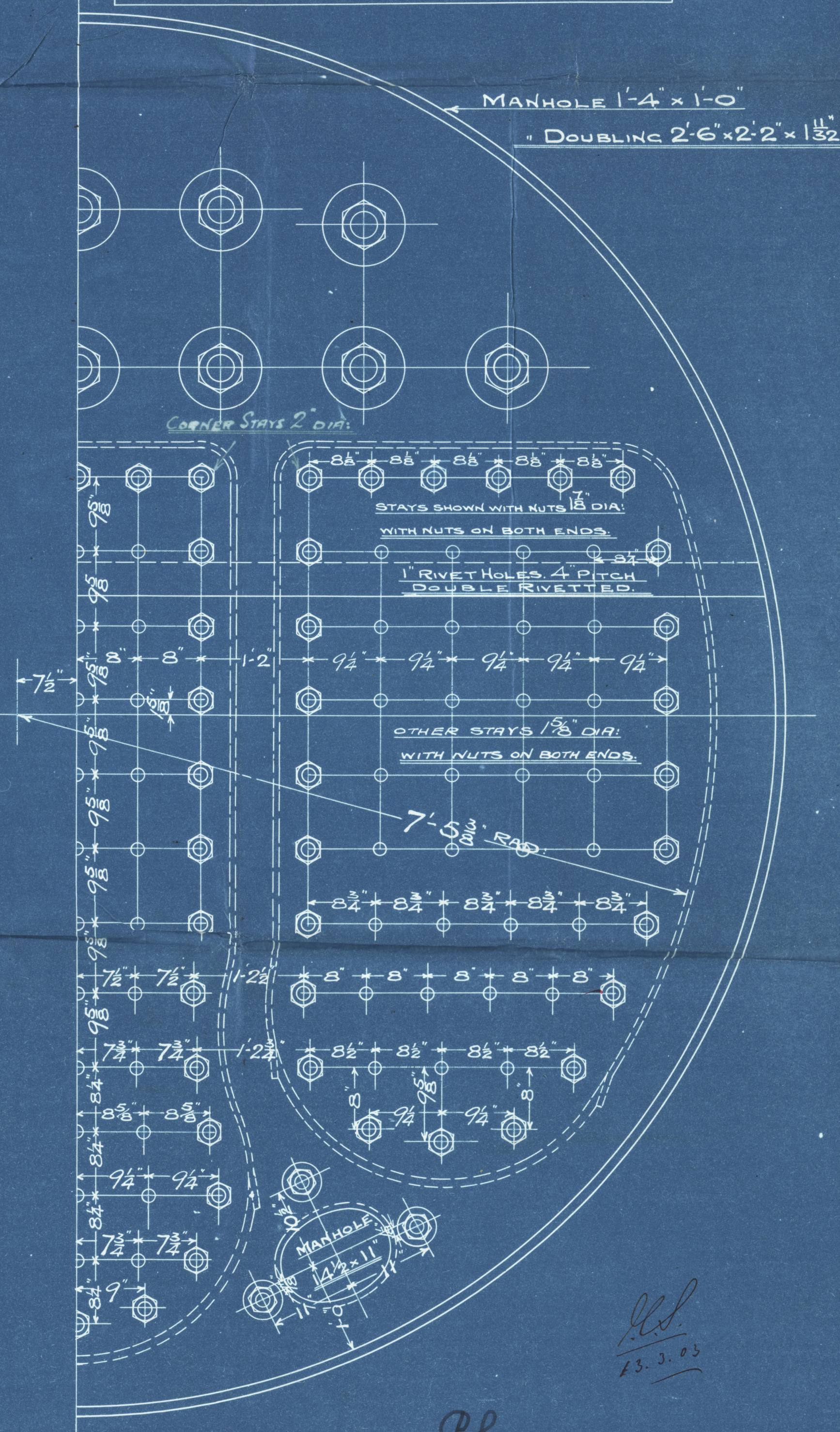
BOILER.

TRACING 122 SCALE: 1 INCH TO A FOOT. SCHEDULE "L".

WRITTEN DIMENSIONS ONLY TO BE TAKEN.



BOARD OF TRADE	64400 x 84.72 x 2.6875	180.7 LBS
LLOYD'S	22.25 x (21.5 x 2) x 84.72	2038 "
WORKING PRESSURE		180 LBS
TEST		360 "
HEATING SURFACE ON TUBES		17436 sq. ft.
" " OTHER PARTS		462.2 "
" " TOTAL		22058 "
Ex: FRONT TUBE PLATE		21648 "
EFFECT AREA OF STAYS		
3 1/2" STAY TUBES	8 x 9 THREADS PER IN.	2.67 sq. in.
3 1/2" " " " " " "	96 " " " " " "	2.17 " "
3 1/2" MAIN STAYS	6 " " " " " "	8.48 " "
2" " " " " " "	6 " " " " " "	2.51 " "
1 1/2" " " " " " "	6 " " " " " "	1.85 " "
1 1/2" SCREWED	11 " " " " " "	2.43 " "
1 1/2" " " " " " "	11 " " " " " "	1.79 " "
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 PER		
" " MAIN STAYS	" " " "	27 " "



12-3-03

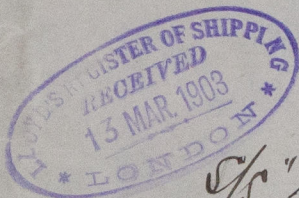
N. E. M. E. Co Ltd

C. No. 1503,

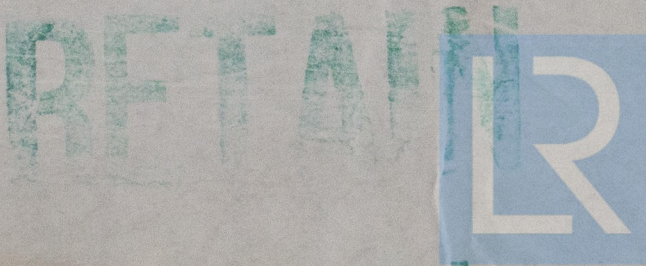
Boiler for
Messrs Sir R. Dixon & Co.

S. S. No. 501

W. P. = 180 lbs



S/s "Zambezia"
Std. No. 21487
Mdb. No. 3699.



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Lloyd's Register
Foundation

W1266-0298