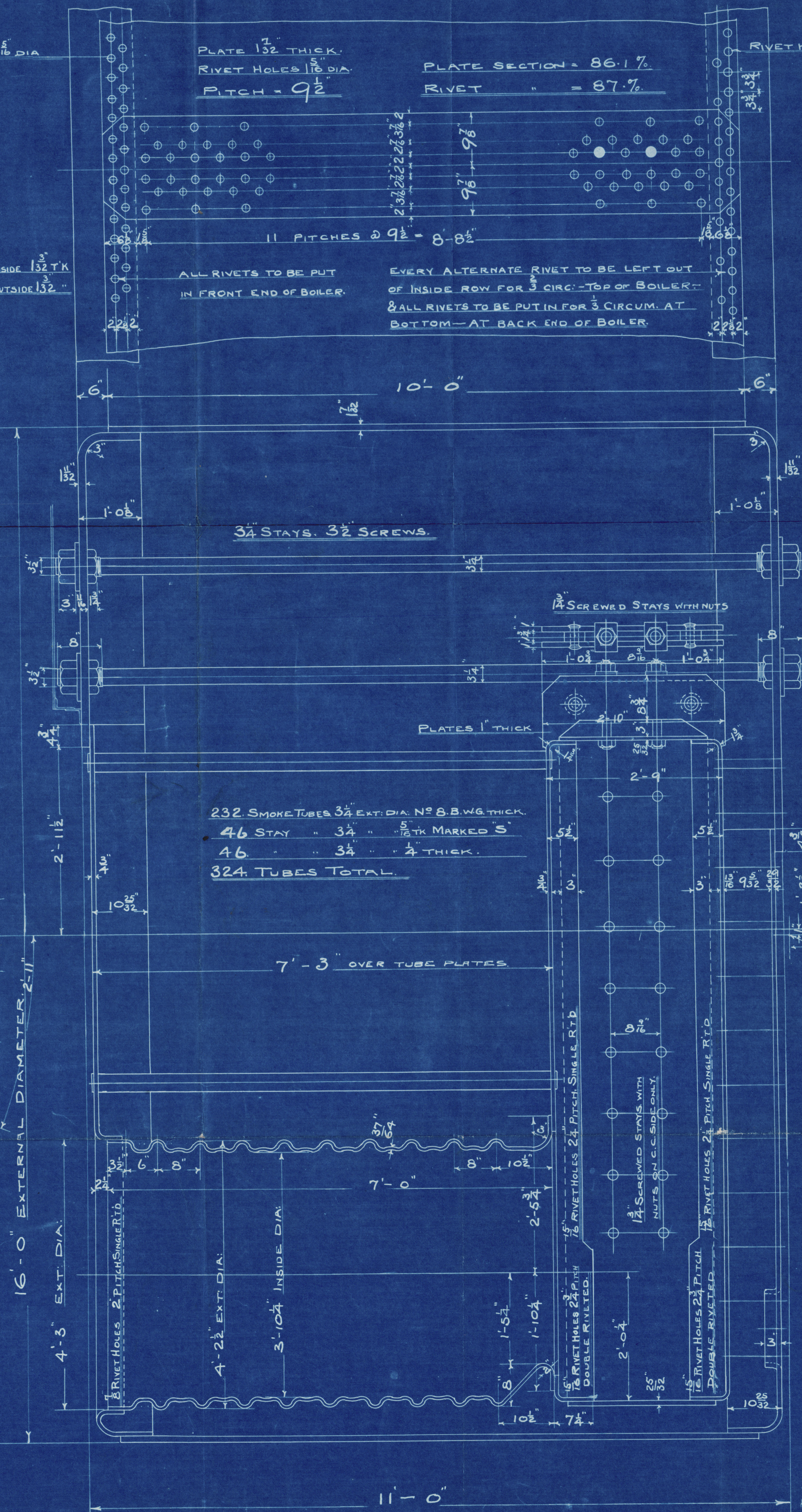
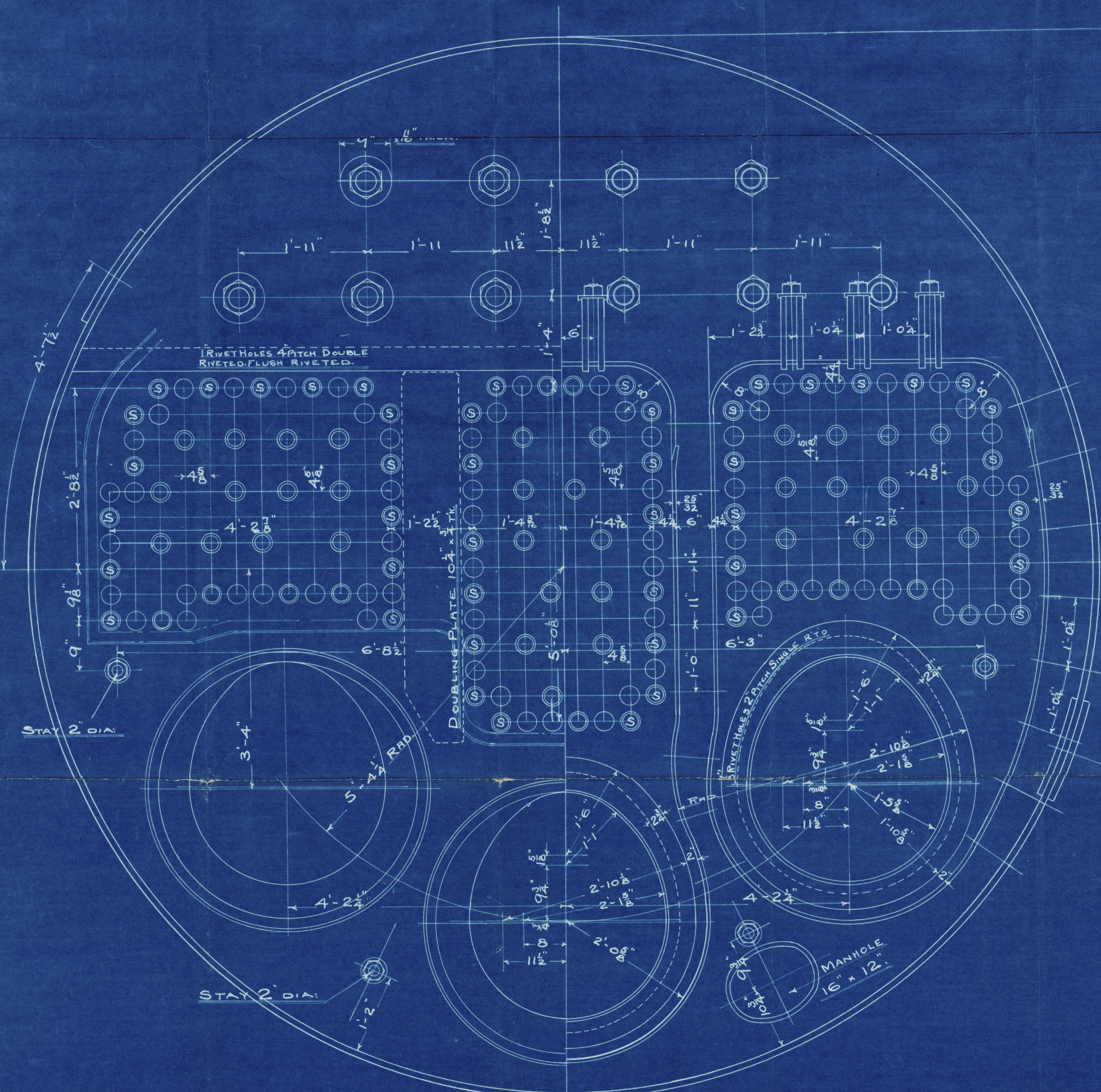


SUNDERLAND ENGINE WORKS BOILER

SCALE - 1 INCH TO A FOOT

SCHEDULE "L"

WRITTEN DIMENSIONS ONLY TO BE TAKEN



TO PASS LLOYD'S SURVEY.

SHELL	28.875 x 22 x (19.5-2) 86.1	180.2 LBS PER SQ.
WORKING PRESSURE	180	
TEST	360	
HEATING SURFACE ON TUBES	2004 SQ. FEET.	
" " OTHER PARTS	546	
" " TOTAL	2550	
EX. FRONT TUBE PLATE	2500	
EFFECTIVE AREA OF STAYS		
3/4" STAY TUBES 15 TH 9 THRS PER INCH	2.17 SQ. INS.	
3/4" " " 4 " 9	1.64	
3/4" MAIN STAYS 6	8.29	
2 " " 6	2.51	
2 SCREWED " 11	2.79	
1 1/2 " " 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 TONS		
" " GIRDER	28	
" " MAIN STAYS	28	

TRACED BY G.B.
CHECKED BY J.A.S. 10/14/14

DRAWING 4814

CONTRACT 2182. 1 OFF.

CONTRACT 2183. 1 OFF.

Handwritten signature and date 28/1/14



W28-0133

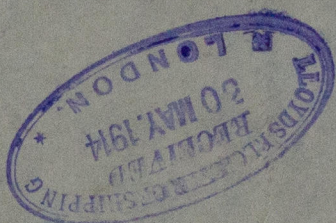
N. E. M. E. C^o L^d.

C^t. No. 2182

MAIN BOILERS. 1 OFF.

No. 3249
LLOYD'S TEST
360 lbs.
95-9-14 W.B.

W218-0133



OSBOURNE GRAHAM 184³/₈

Belge in "Survey of the"

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SUNDERLAND RPT. No. 26323
Lloyd's Register
Foundation