

THE NORTH EASTERN MARINE ENGINEERING CO. LTD.  
TRACING NO 608 STEAM BOILER

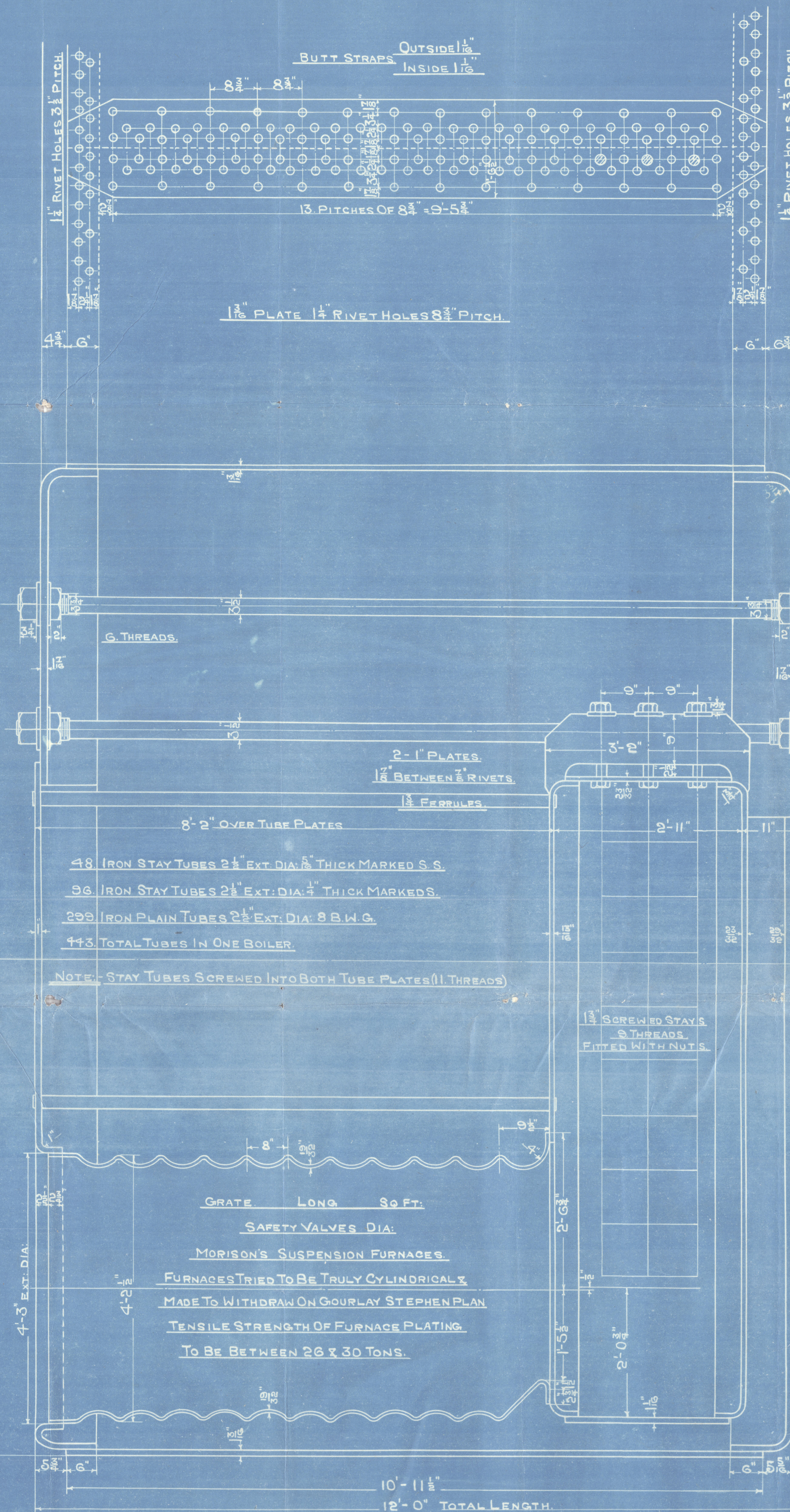
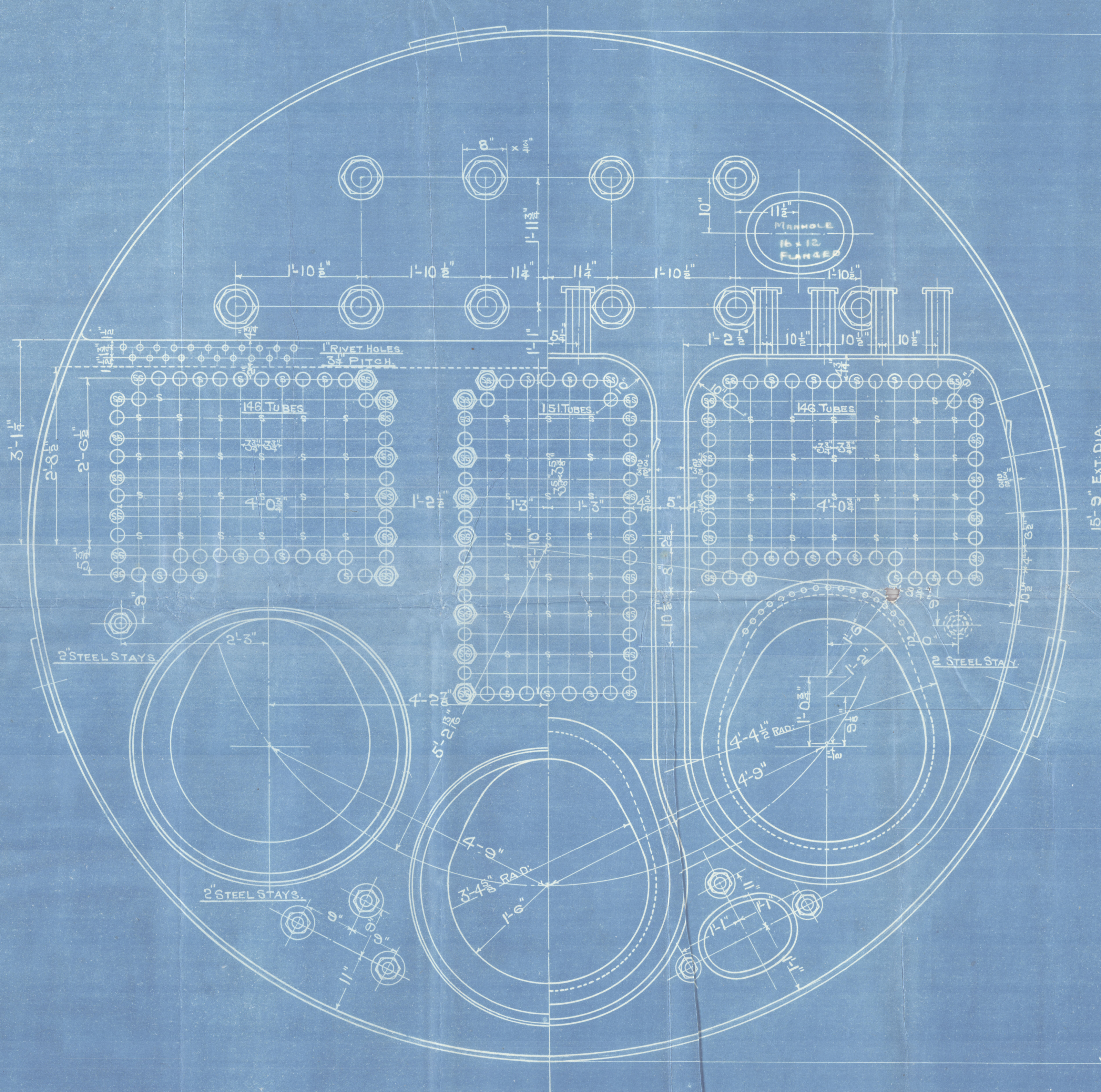
SCALE INCH = 1 FOOT

J. H. A.  
11/5/17.

PERCENTAGE STRENGTH OF PLATE = 85.7%

RIVETS = 87.8%

LLoyds =  $23.37 \times (19-2) \times 85.7 = 182.4 \text{ LBS.}$   
186.685.



SURVEY TO LLOYD'S & OWNERS APPROVAL

HEATING SURFACE ON TUBES = 2367 SQ. FT.

ELSEWHERE = 501 SQ. FT.

TOTAL = 2868 SQ. FT. PER BOILER.

STEAM SPACE = CUB. FT.

WORKING PRESSURE 180 LBS.

TEST PRESSURE 360 LBS.

NOTE: - ALL PLATES STAYS ETC. TO BE OF STEEL. SMOKE TUBES OF IRON.

TENSILE STRENGTH OF SHELL PLATING TO BE NOT LESS THAN 29 3/4 TONS PER SQ. INCH.

ALL HOLES DRILLED IN PLACE AFTER PLATES ARE BENT.

STAYS MARKED THUS  $\odot$  2" DIA: (9 THREADS)

ALL OTHERS  $\odot$  1 1/2" DIA: (9 THREADS)

NOTE: - ALL SCREW STAYS SCREWED INTO PLATE & FITTED WITH NUTS.

3. OFF.

CONTRACTS 2314-2315



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N. E. M. E. Co., Limited, WALLSEND.

ENCLOSURE

FOR

Messrs. *Lloyd's*

W1173-0158 1/2

N. E. Machine by Co 2314-5

Main Boilers 180 lbs.

Dover Hill

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S. S. CLAN <sup>EX</sup> MACVICAR

NEWCASTLE ON TYNE.

Report No. 70821

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Lloyd's Register  
Foundation

W1173-0158