

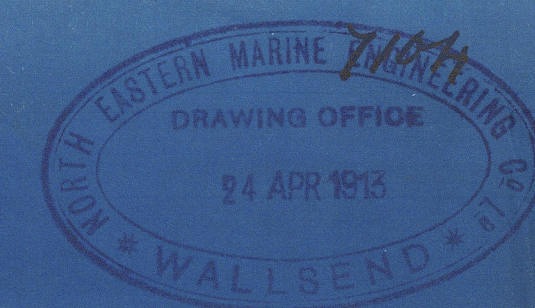
= NORTHUMBERLAND ENGINE WORKS -

= TRACING 557.

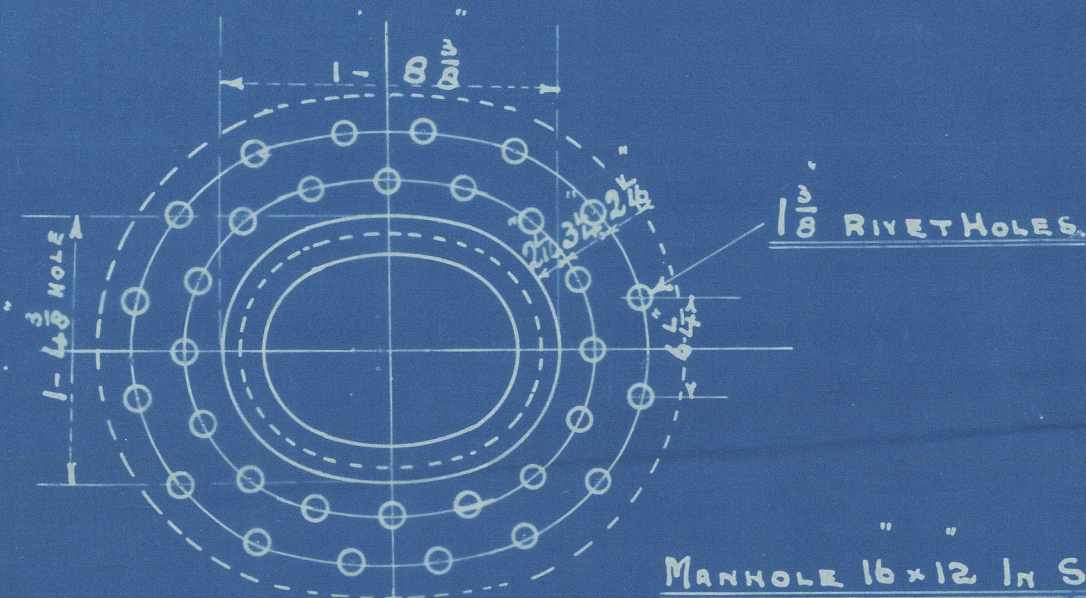
= SCHEDULE L.

= STEAM BOILER.

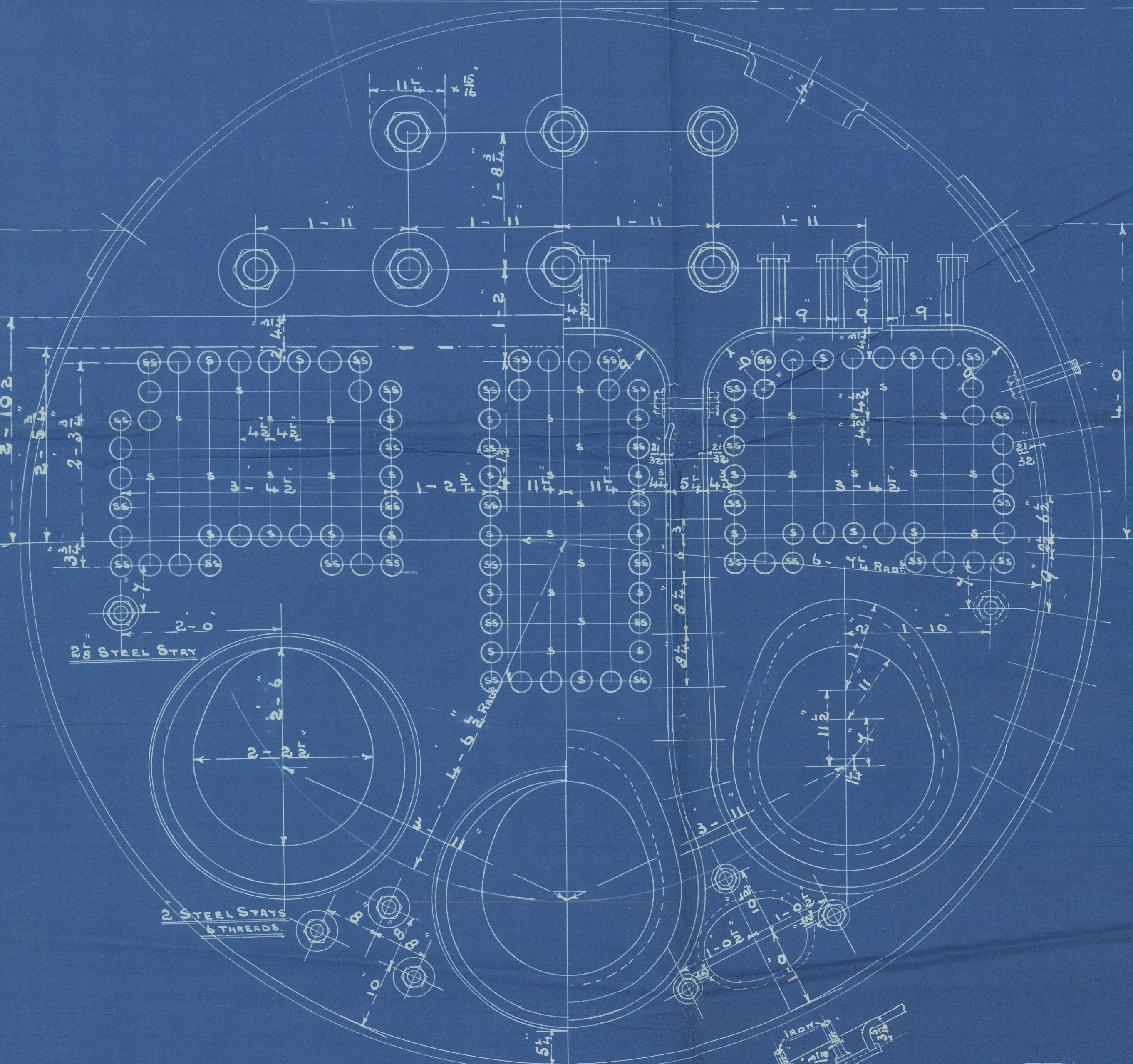
= SCALE 1 INCH = ONE FOOT.



28/4/13



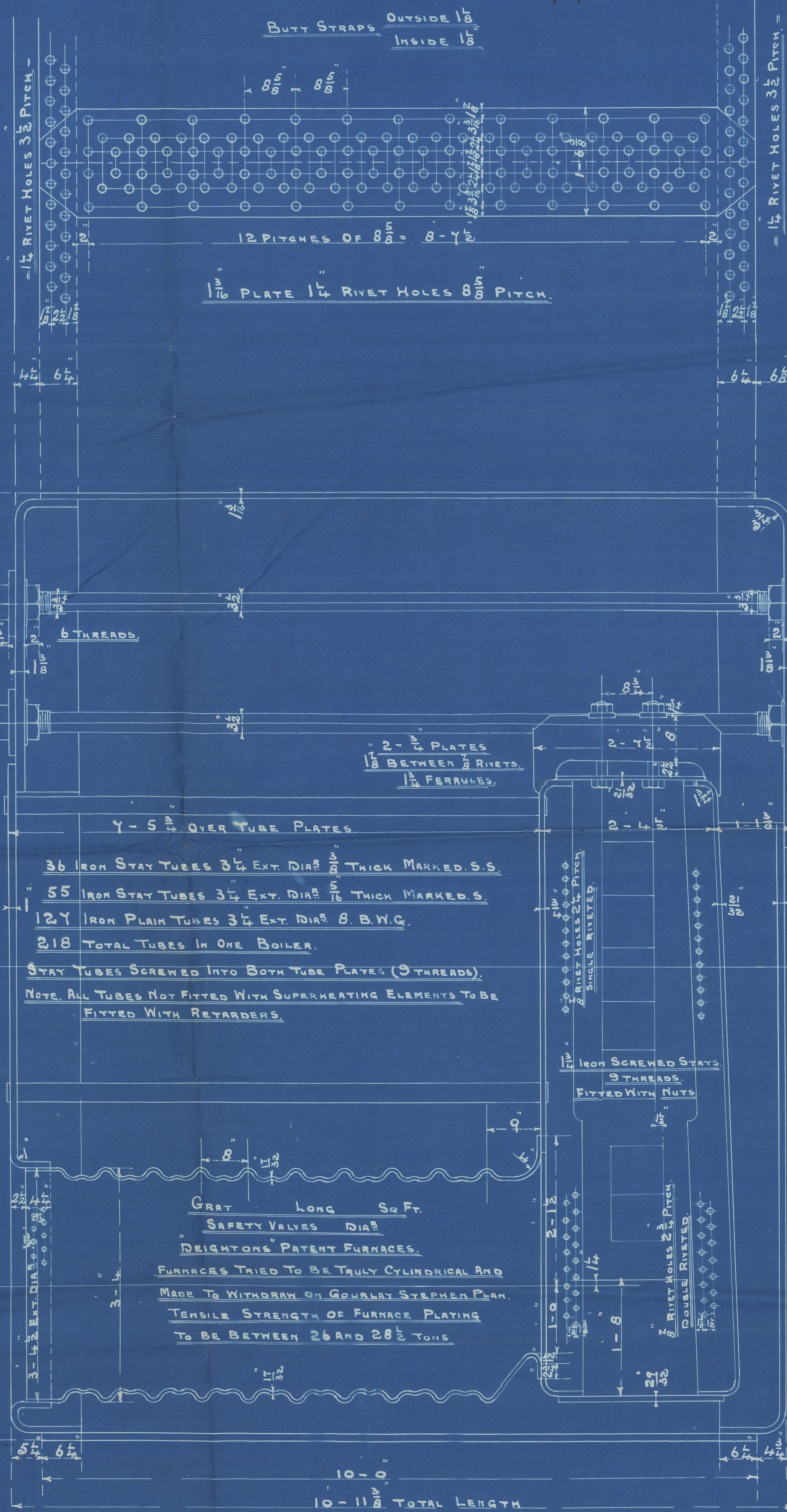
MANHOLE 16x12 IN SHELL
MANHOLE COMPENSATING RING 2-11 1/2 x 2-7 1/2 x 1 3/8



FRONT ELEVATION OF
FORWARD BOILER ONLY

MANHOLE IN FRONT FOR
FORWARD BOILER ONLY

BACK ELEVATION OF
FORWARD BOILER ONLY



SURVEY. TO OWNERS. BOARD OF TRADE. LLOYDS. REQUIREMENTS

MEETING SURFACE BETWEEN TUBE PLATES 1359 Sq. Ft.

ELSEWHERE = 340

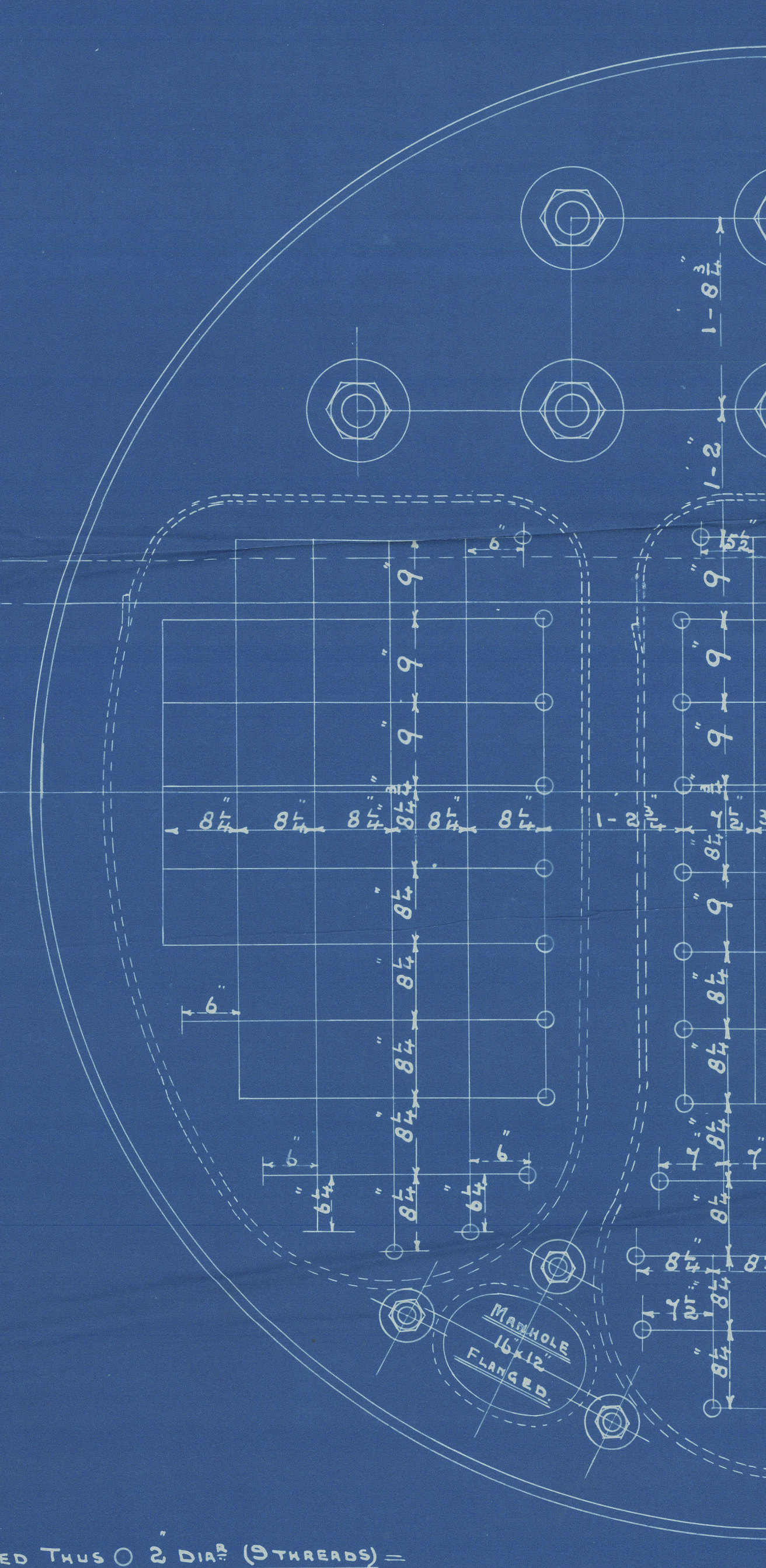
TOTAL = 1699 Sq. Ft. PER BOILER

STEAM SPACE = Cub. Ft.

WORKING PRESSURE 180 LBS.

TEST PRESSURE 360

NOTE. ALL PLATES STAYS TO BE OF STEEL SMOKE TUBES & SCREWED STAYS TO BE OF IRON.
TENSILE STRENGTH OF SHELL PLATING TO BE NOT LESS THAN 28 1/2 TONS PER SQ. INCH.
ALL HOLES DRILLED IN PLACE AFTER PLATES ARE BENT.



= IRON STAYS MARKED THUS O 2 DIA (3 THREADS) =

= IRON ALL OTHER SCREWED STAYS 1 1/2 DIA (3 THREADS) =

= NOTE. ALL SCREWED STAYS SCREWED INTO PLATE AND FITTED WITH NUTS BOTH ENDS.
- EXCEPT OUTSIDE OF SHELL -

= 3. OFF. =

= CONTRACT 2135.

A. E. Marine
No 2135
Boiler for
Roxton Dixon 586
180 lbs

25/4/13
Newcastle

S.S. "MICHAEL"
NEWCASTLE-ON-TYNE
REPORT No 66025



W638-0219



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Foundation