

16.3.20

THE NORTH EASTERN MARINE ENGINEERING CO. LTD

WALLSEND-ON-TYNE

TRACING No 637

STEAM BOILER

SCALE 1 INCH = 1 FOOT

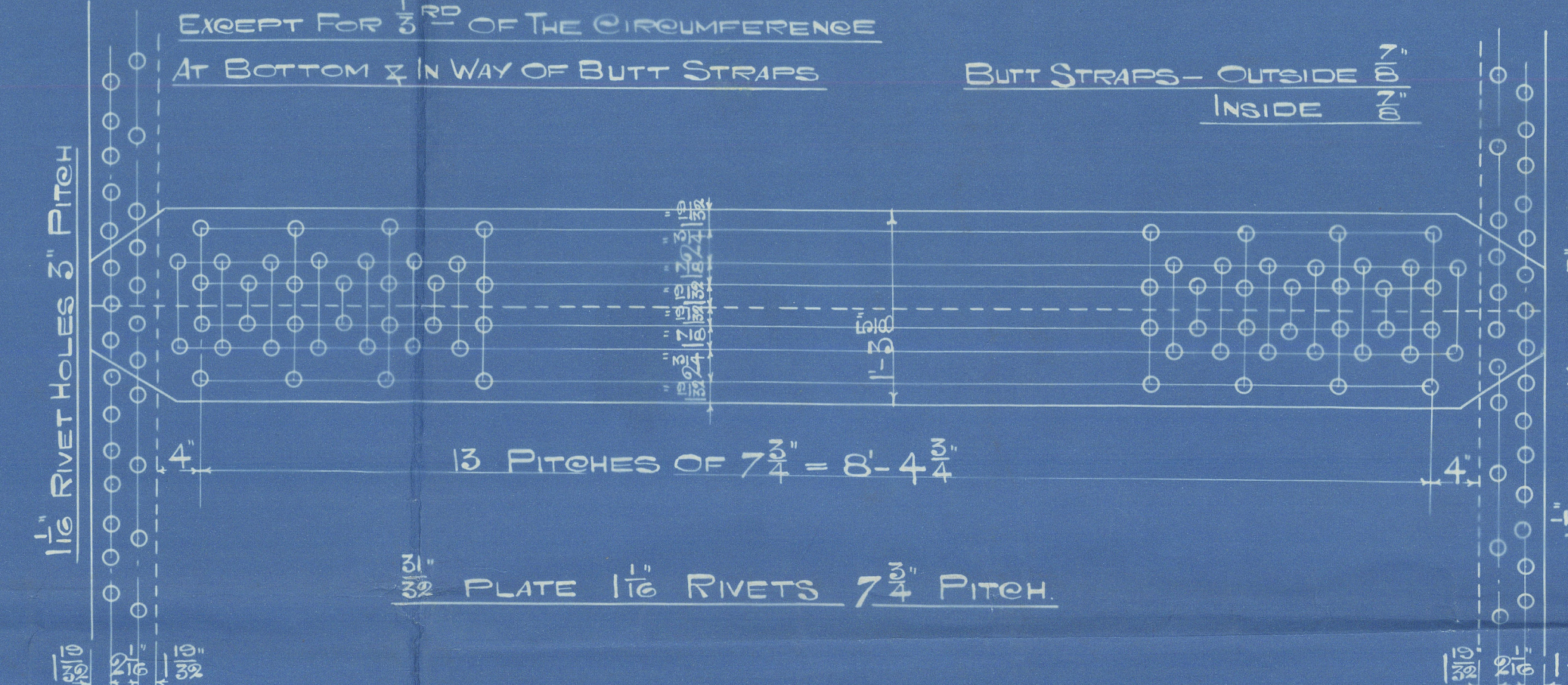
STRENGTH OF PLATE = 86.3

RIVETS = 87.8

LLOYDS $\frac{22(15.5-2)}{142.0625} \frac{86.3}{1} = 180.5$

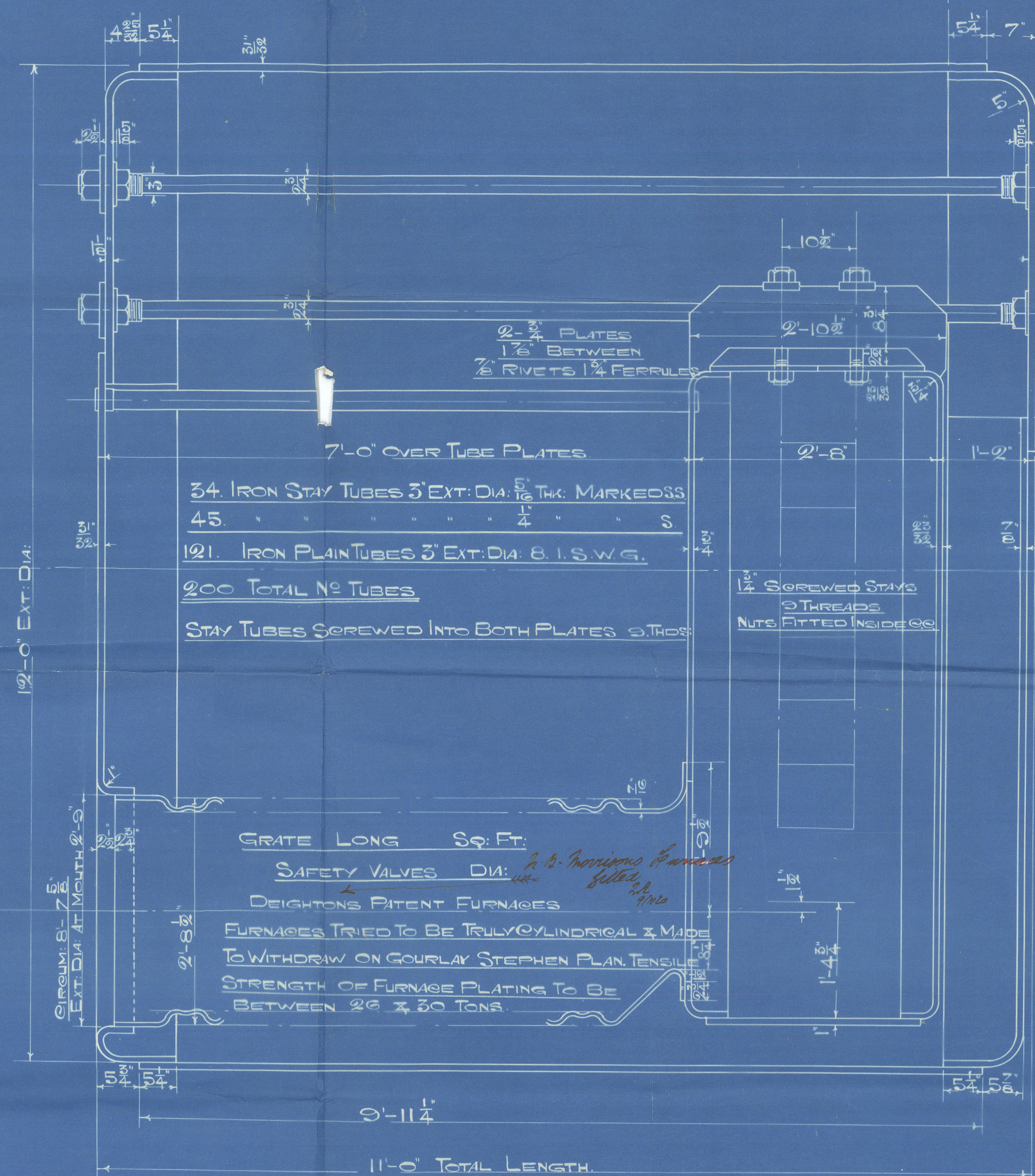
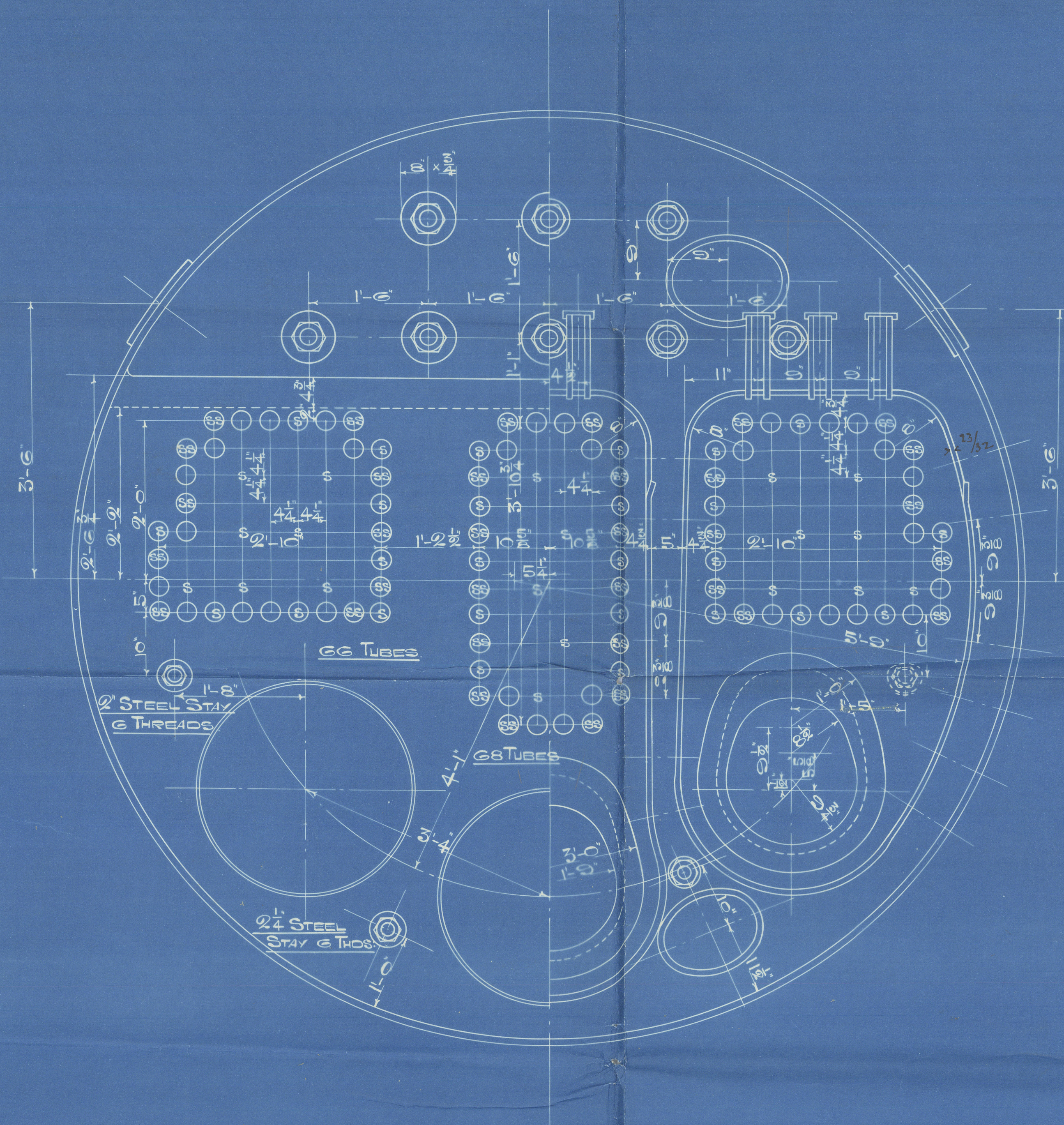
ALTERNATE RIVETS TO BE OMITTED ON THE INNER ROWS OF CIRCUMFERENTIAL SEAMS EXCEPT FOR $\frac{1}{8}$ OF THE CIRCUMFERENCE AT BOTTOM & IN WAY OF BUTT STRAPS

BUTT STRAPS - OUTSIDE INSIDE



13 PITCHES OF $7\frac{3}{4}$ = 8'-4 $\frac{3}{4}$ "

21 PLATE 1 1/8 RIVETS, 7 3/4 PITCH



STAYS MARKED THUS 0 1/2 DIA 3 THREADS

OTHER STAYS 1 1/4 DIA 3 THREADS

NOTE: - ALL STAYS SCREWED THRO' BOTH PLATES & FITTED WITH NUTS

TO LLOYDS REQUIREMENTS

HEATING SURFACE TUBES 1100 ft

ELSEWHERE 300

TOTAL 1400

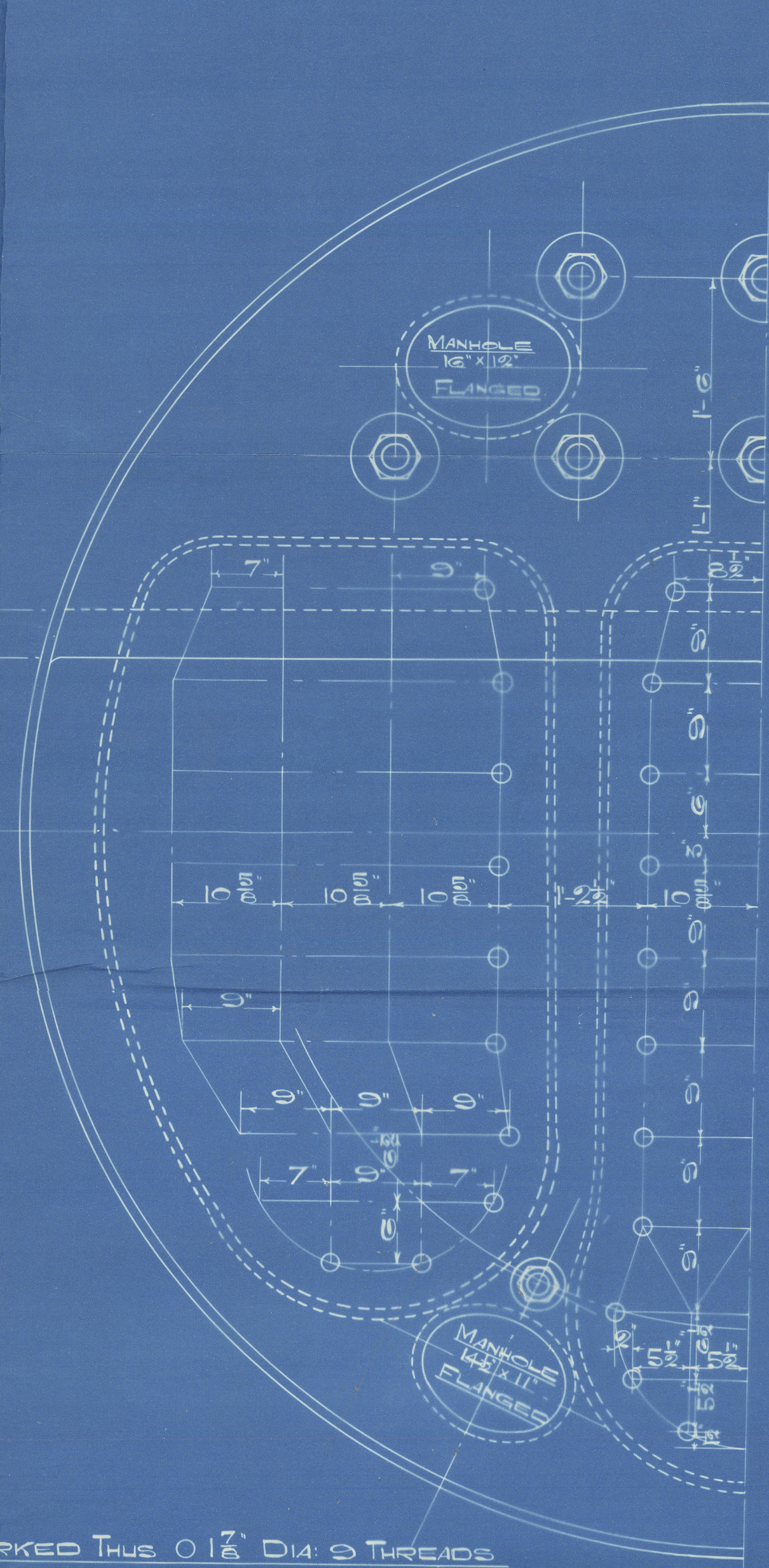
WORKING PRESSURE 180 LBS

TEST 360

ALL PLATES, STAYS & RIVETS STEEL; TUBES WRO⁸ IRON

TENSILE STRENGTH OF SHELL PLATING 28 TO 32 TONS

ALL HOLES DRILLED IN PLACE AFTER PLATES ARE BENT



1. THIS

15-3-20

ANR

CONTRACT 2482



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Ni E. Mearns Eng Co 2482
1 Main Boiler 150 lbs
for S. S. "Antonina"
order cancelled now
stock ²²
9/11/20

"Brightside."

H. E. Mearns 2482,
NEWCASTLE ON TYNE.
Report No. 73778

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REMAIN

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