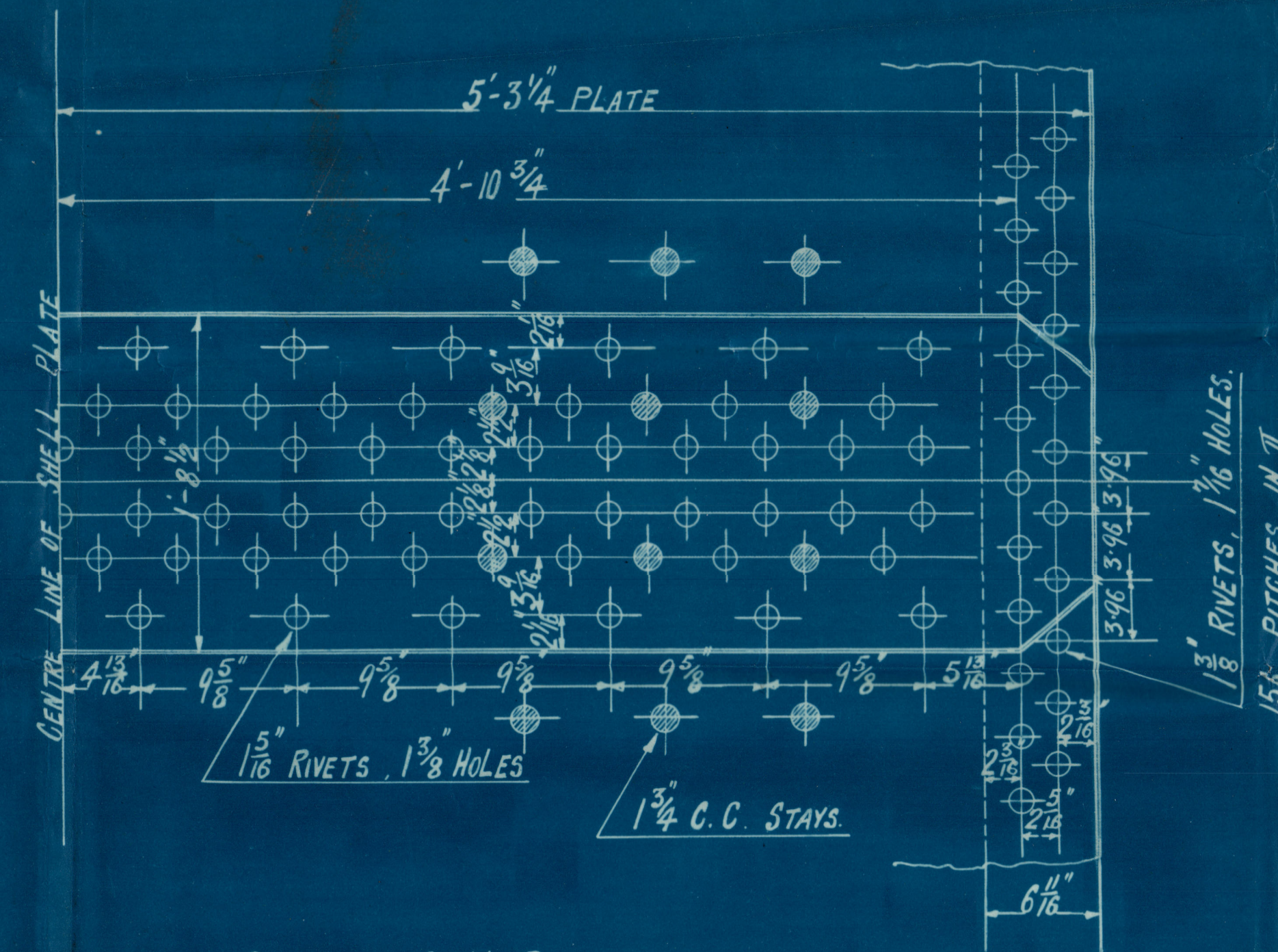


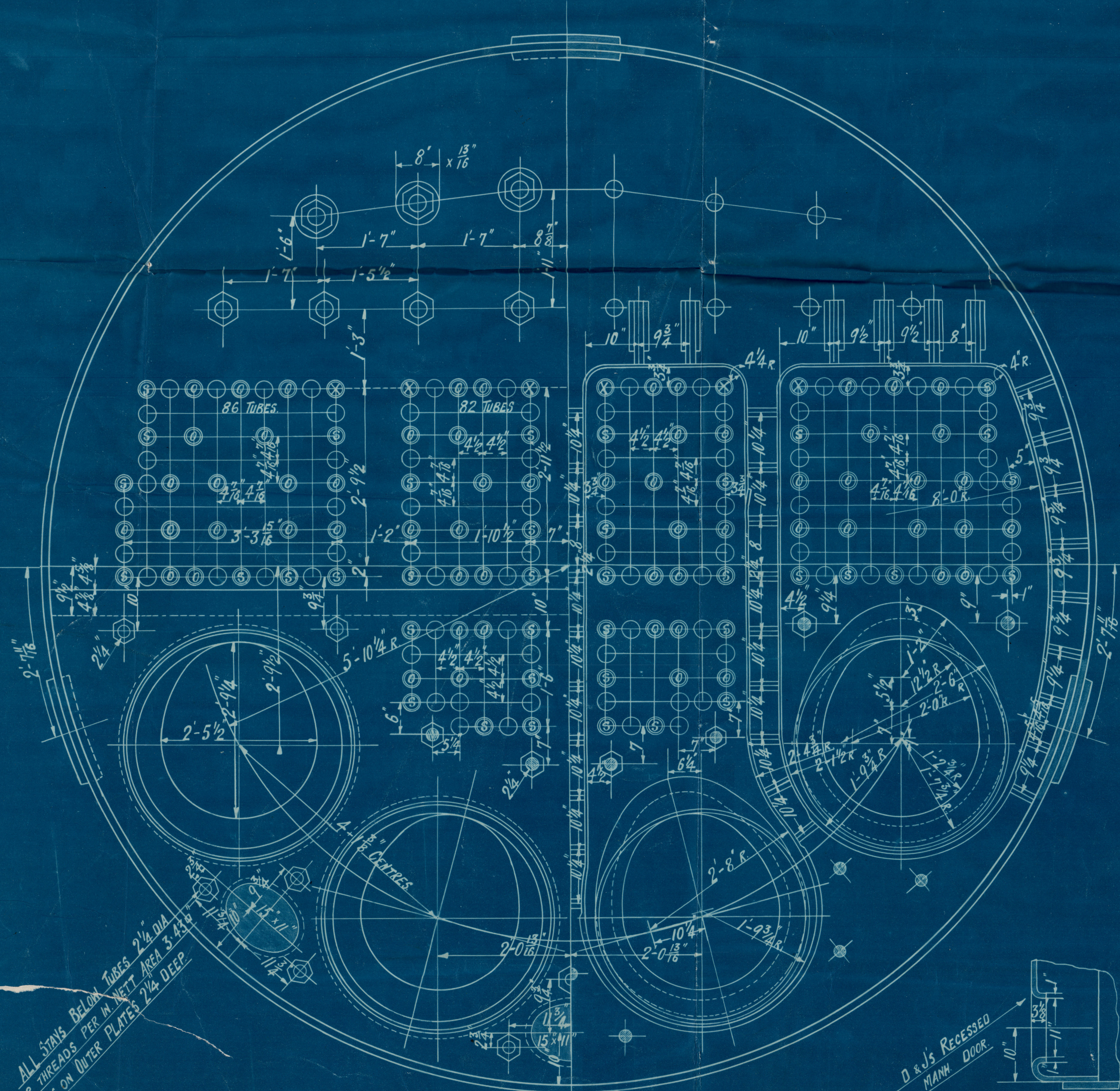
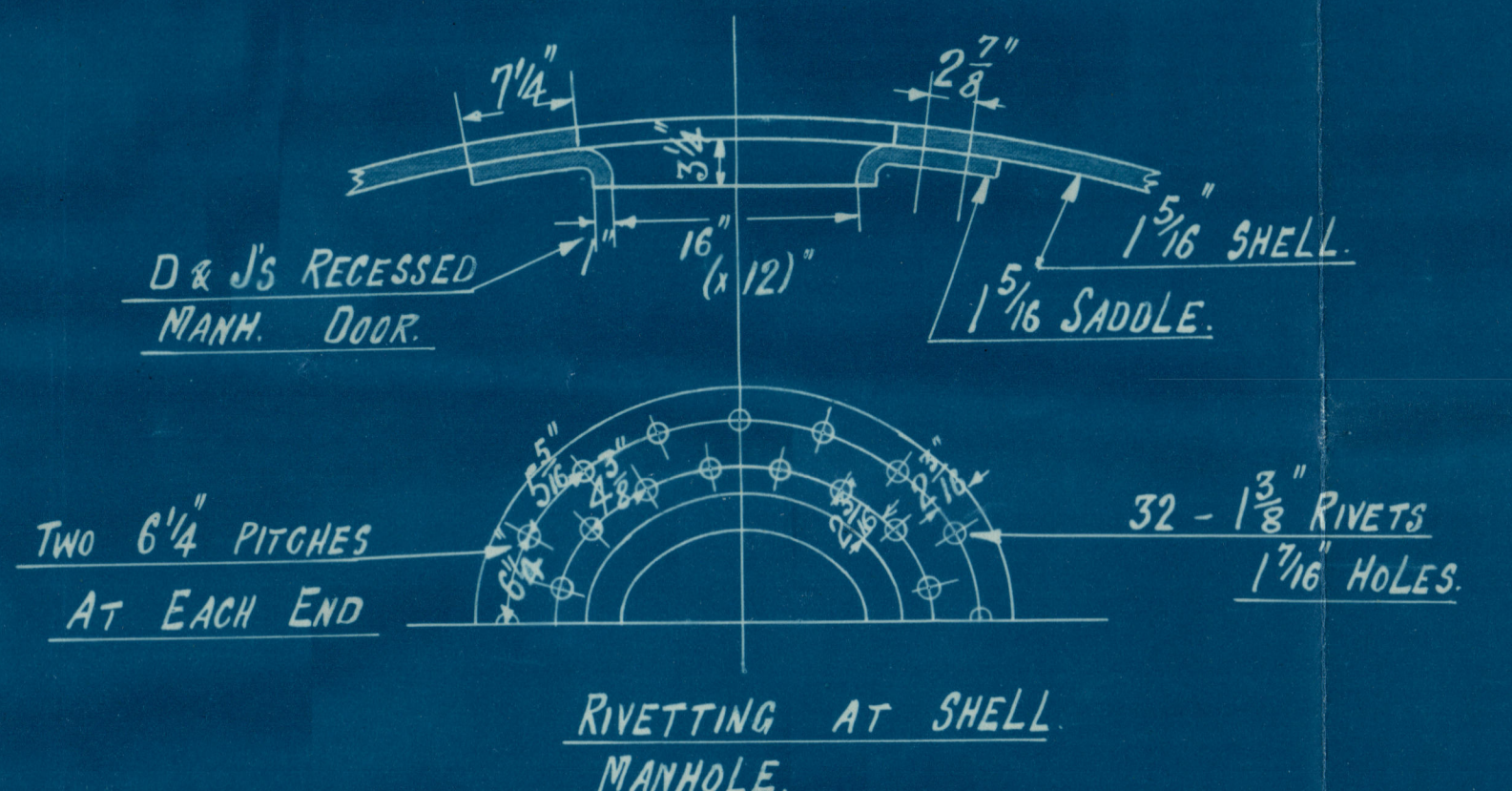
PLAN SHOWING POSITION OF BUTT STRAPS & MANHOLE DOORS

PARTICULARS	
HEATING SURFACE IN 336 TUBES	2022 π
" " 4 CORB. CHS.	388 "
" " 4 FURNACES	195 "
" " TOTAL	2605 "
GRATE SURFACE (5'-6" BARS)	71 $\frac{1}{2}$ "
AREA THRO' TUBES	14-58 "
RATIO HEATING SURFACE GRATE SURFACE	= 36-46.
" GRATE SURFACE AREA THRO' TUBES	= 4-90
STEAM SPACE (CUB. FT.)	519
FOR 2 BOILERS.	
HEATING SURFACE	5210 π
GRATE SURFACE	143 "

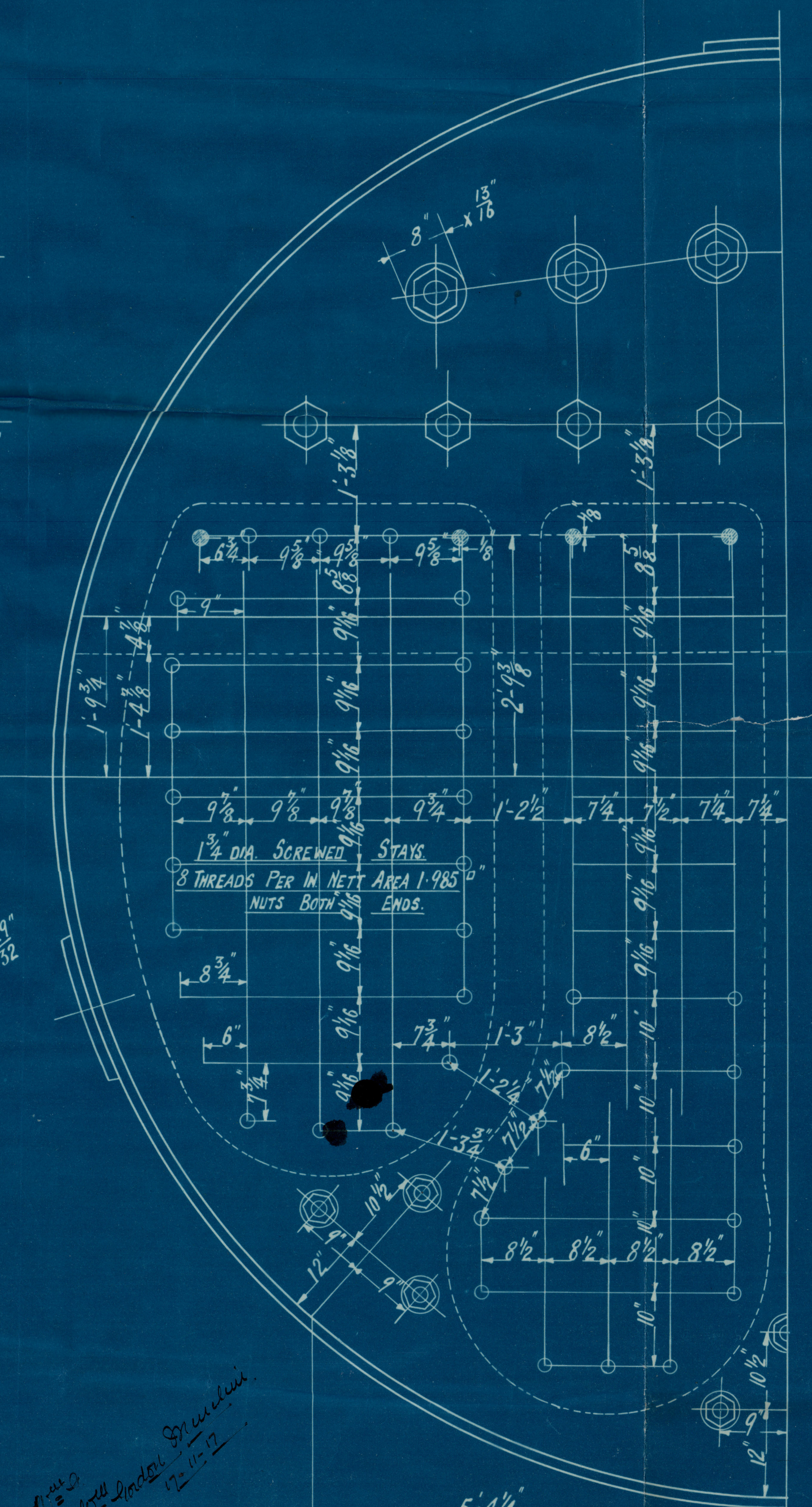
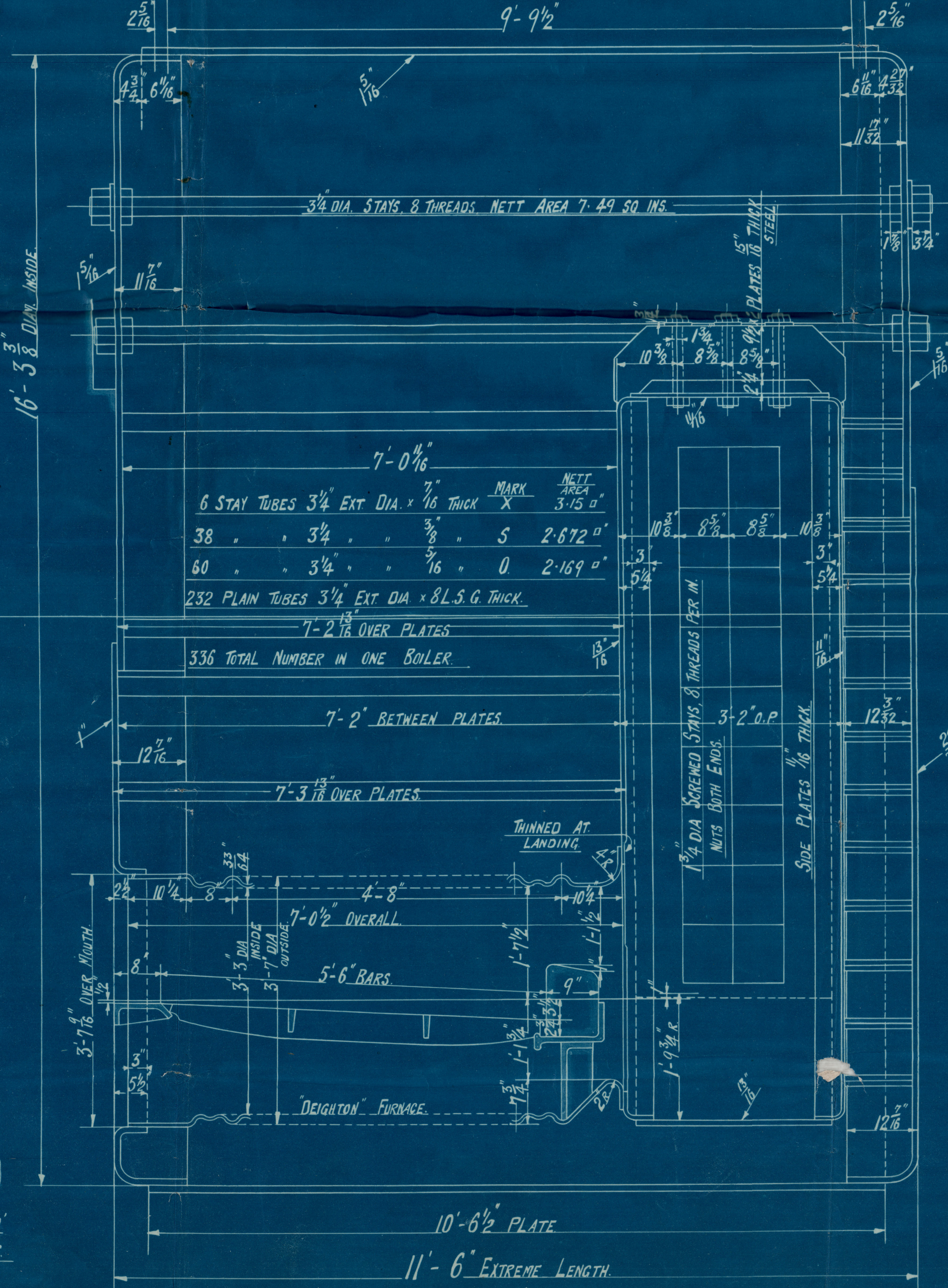


DETAIL OF SHELL RIVETTING.
SCALE: 1" = 1 FT.

RIVETTING ETC.
LONGITUDINAL SEAMS (DOUBLE BUTT STRAPS TREBLE RIVETTED)
SHELL 1 1/8", RIVETS 1 3/8", HOLES 1 3/8", PITCH 9 5/8", PLATE 85-7%, RIVETS 87-2%,
INNER BUTT STRAP 1 1/8", OUTER STRAP 1 1/8". SHELL PLATES AND BUTT
STRAPS TO HAVE A TENSILE STRENGTH OF 28 TO 32 TONS PER D"
CIRCUMFERENTIAL SEAMS (DOUBLE RIVETTED LAP)
RIVETS 1 3/8", HOLES 1 1/8", PITCH 3-9/8", PLATE 63-75%, RIVETS 53-75%
ALL HOLES DRILLED IN PLACE, BOILER STEEL, TUBES OF IRON.
UNDER LLOYD'S SURVEY FOR A WORKING PRESSURE OF 180 LBS. / D"



SECTION THRO'
END MANHOLES



MARGINAL STAYS IN CORB. CH. BACKS
MARKED \odot 2 1/8" DIA. 8 THREADS NETT AREA 3-03 SQ. INS.
" \circ 1 1/8" " 8 " " 2-309 "
ALL TO HAVE NUTS BOTH ENDS.



RETAIN

Durham Jackson
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S/S "Moongate"



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Foundation

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