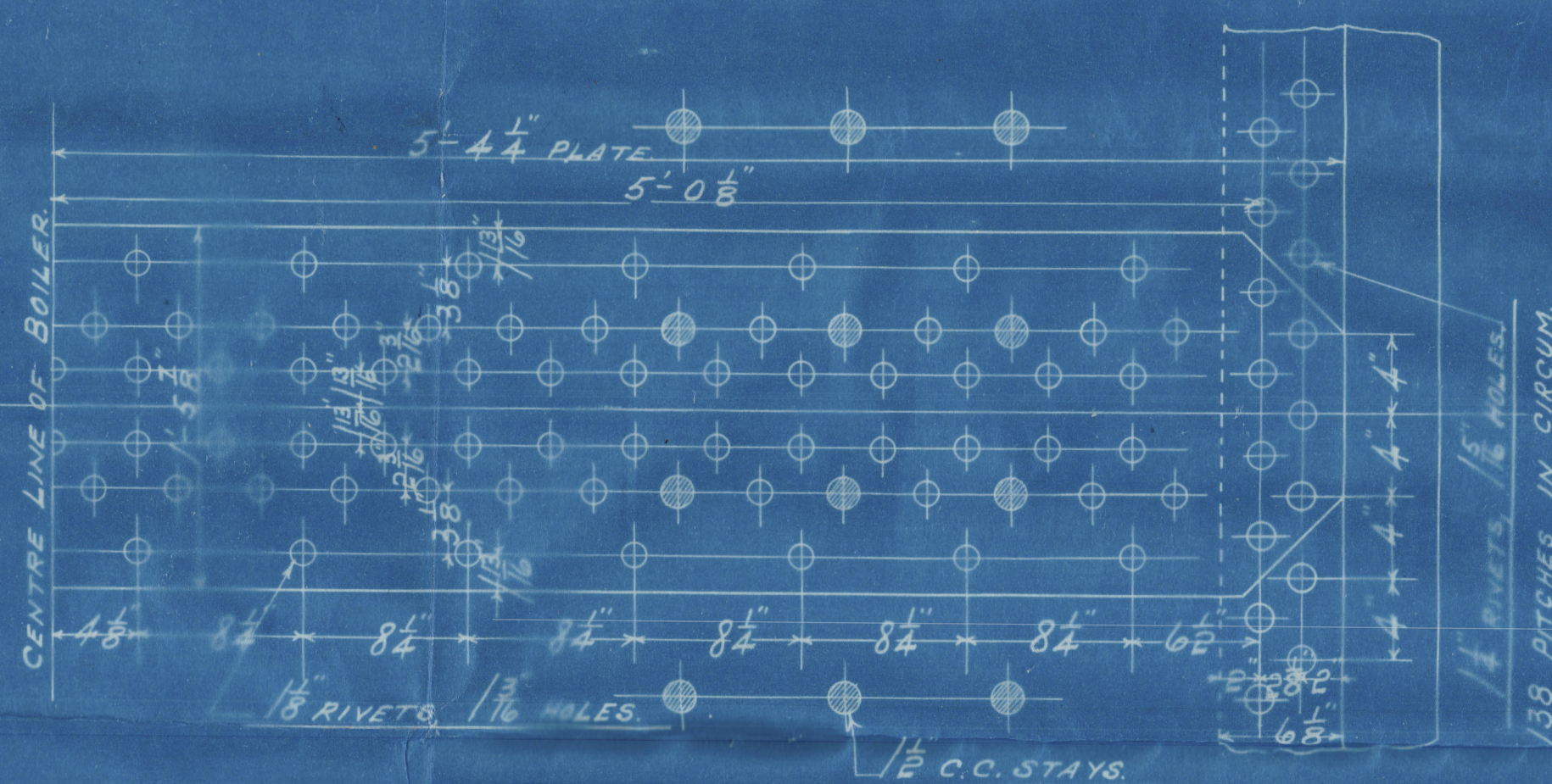


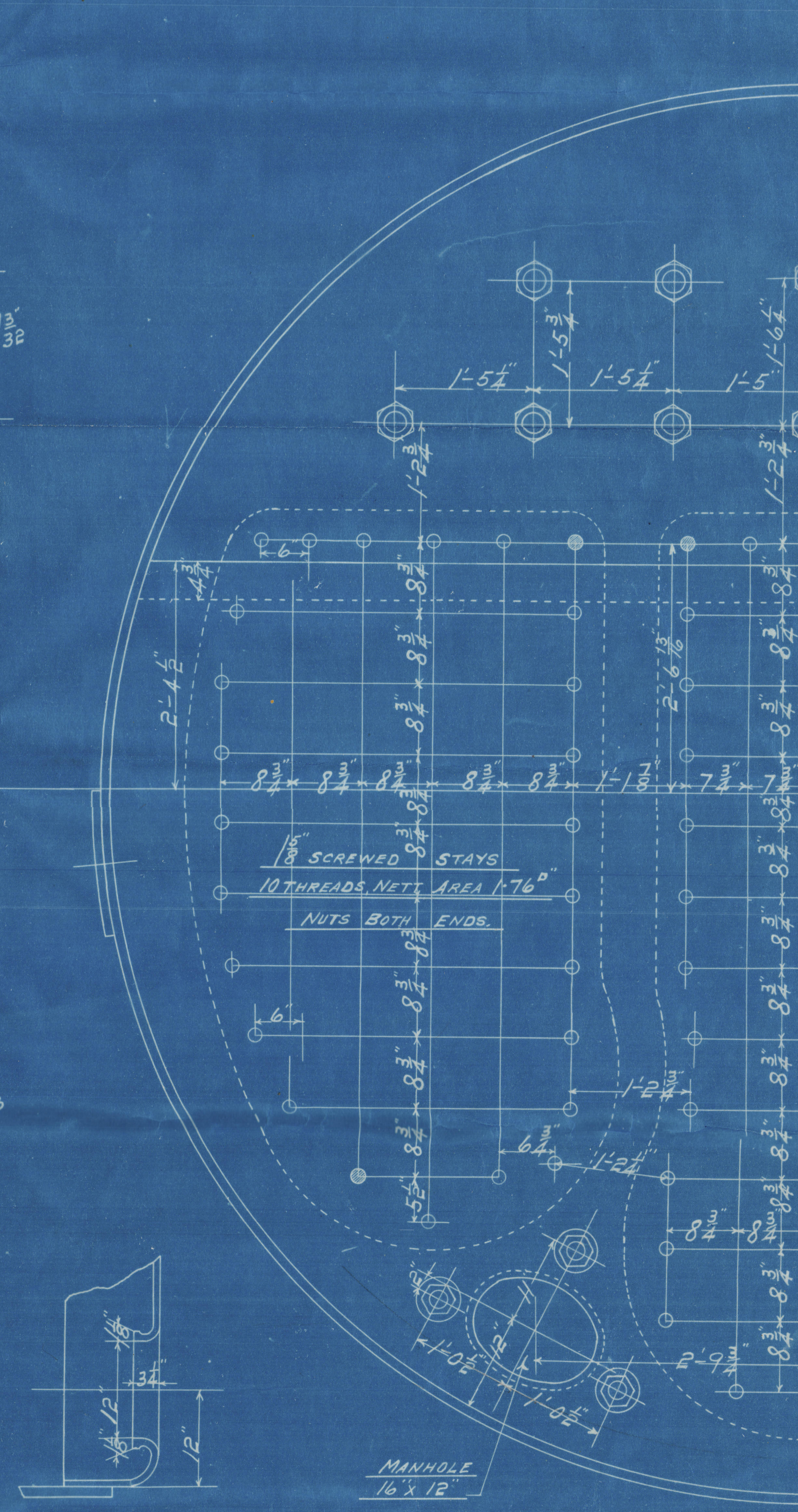
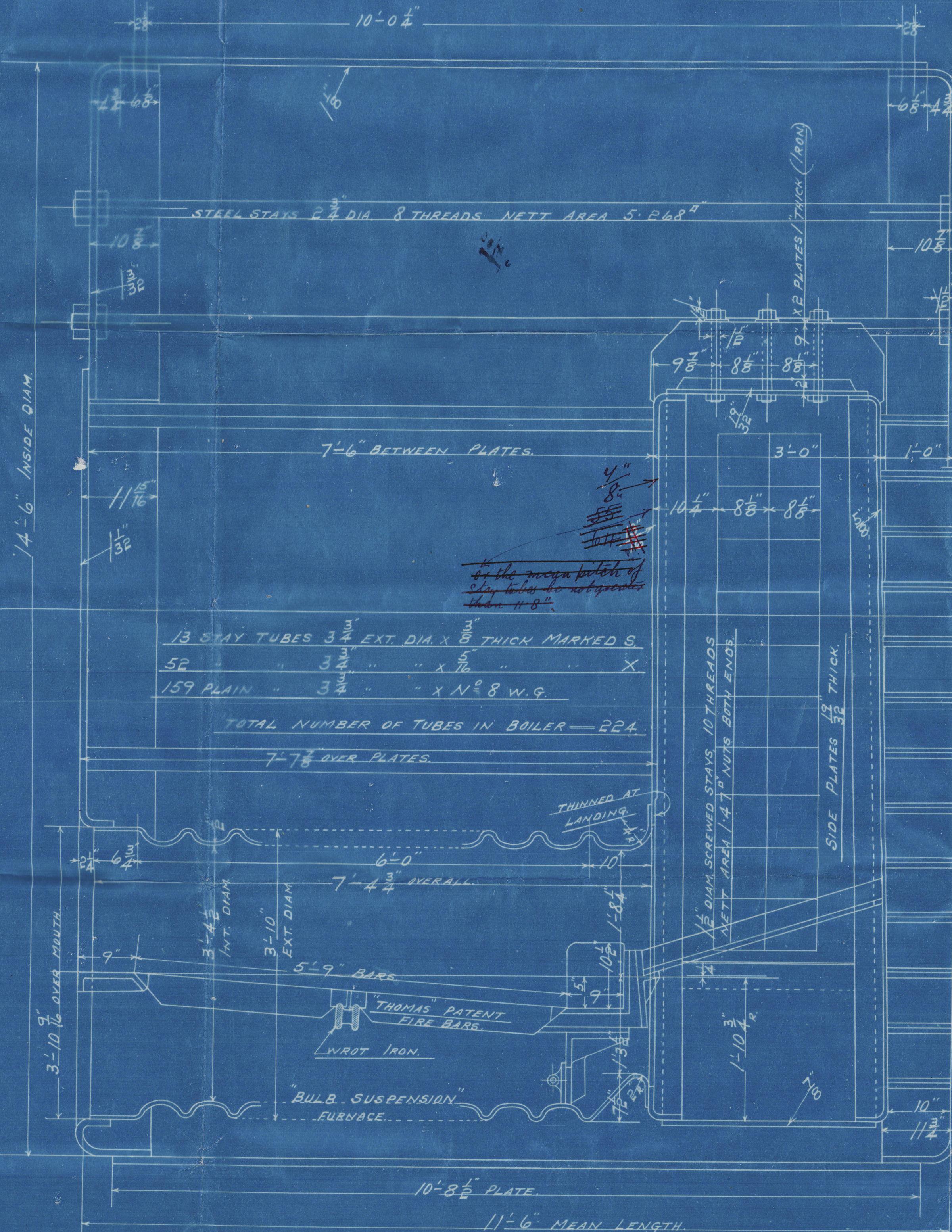
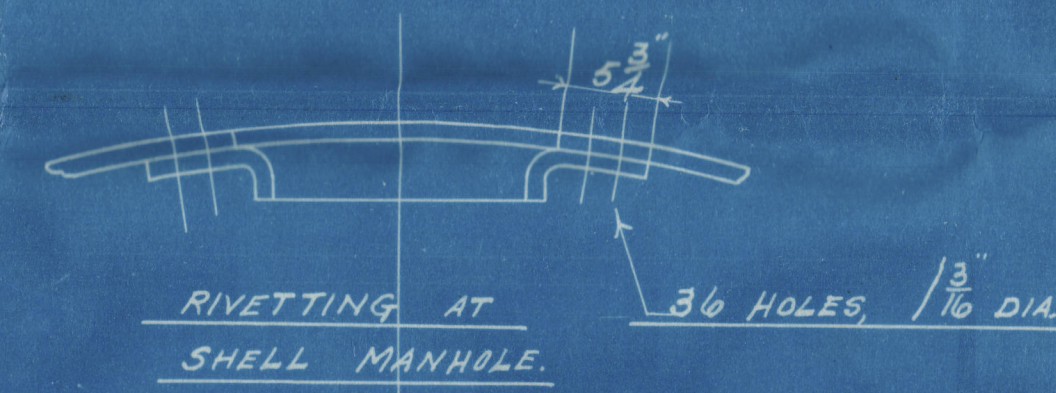
5/5/09

PARTICULARS.	
HEATING SURFACE IN 224 TUBES.	1648 #
" " 3 COMB. CH.	276 "
" " 3 FURNACES.	166 "
TOTAL.	2090 "
GRATE SURFACE (5-9" BARS)	584 "
AREA THRO' TUBES	13.6 "
H.S.	
RATIO G.S.	35.8
GRATE SURFACE	
AREA THRO' TUBES.	4.28
STEAM SPACE CU. FEET.	384
WEIGHT OF WATER IN BOILER @ 375° F.	20 1/2 TONS
FOR 2 BOILERS.	
TOTAL HEATING SURFACE.	4180 #
GRATE	116 1/2 "



DETAIL OF SHELL RIVETTING.
SCALE: 1/2" = ONE FOOT.

SHELL RIVETTING.	
LONGITUDINAL SEAMS.	
SHELL PLATES 1 1/2", RIVETS 1 1/2", HOLES 1 1/8", PITCH 3 1/2", PLATE 95-6% RIVETS 98 1/2%	
INNER BUTT STRAP 1", OUTER 1 1/2" THICK SHELL PLATES AND BUTT STRAPS TO HAVE A TENSILE STRENGTH OF 24 TO 32 TONS PER SQ. INCH.	
CIRCUMFERENTIAL SEAMS.	
RIVETS 1 1/2", HOLES 1 1/8", PITCH 4", PLATE 67 1/2% RIVETS 51 1/2%	
ALL HOLES DRILLED IN PLACE BOILER OF STEEL TUBES & GIRDERS IRON	
MANHOLE 10" x 12" MANHOLE DOOR AND SADDLE IN SHELL.	
UNDER LLOYD'S SURVEY FOR A WORKING PRESSURE OF 170 LBS PER SQ. IN.	



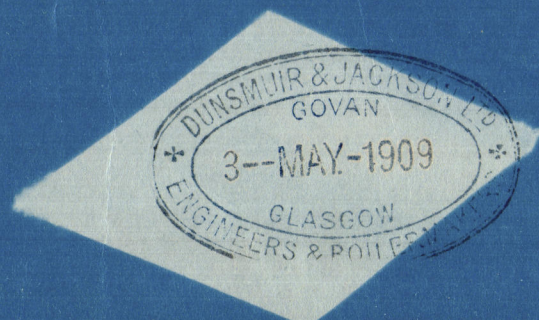
SECTION THRO' END MANHOLE

2 MAIN BOILERS FOR N° 352.

SCALE: 1" = ONE FOOT.

3rd MAY 1909.

MARGINAL STAYS IN COMB. CH. BACKS.
MARKED ○ 2" DIAM. 10 THREADS NETT AREA 2.75"
" ○ 1 1/4" - 8 " " 1.985"
ALL TO HAVE NUTS BOTH ENDS.
W340-0028



352

Dunsmuir & Jackson L^d

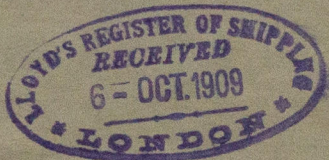
Berlin No. 352

WR 170thrd

Alba 830th No. 17

S S Laverock
London

Glasgow Report
No. 28153.



n/n "Bellerock"

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