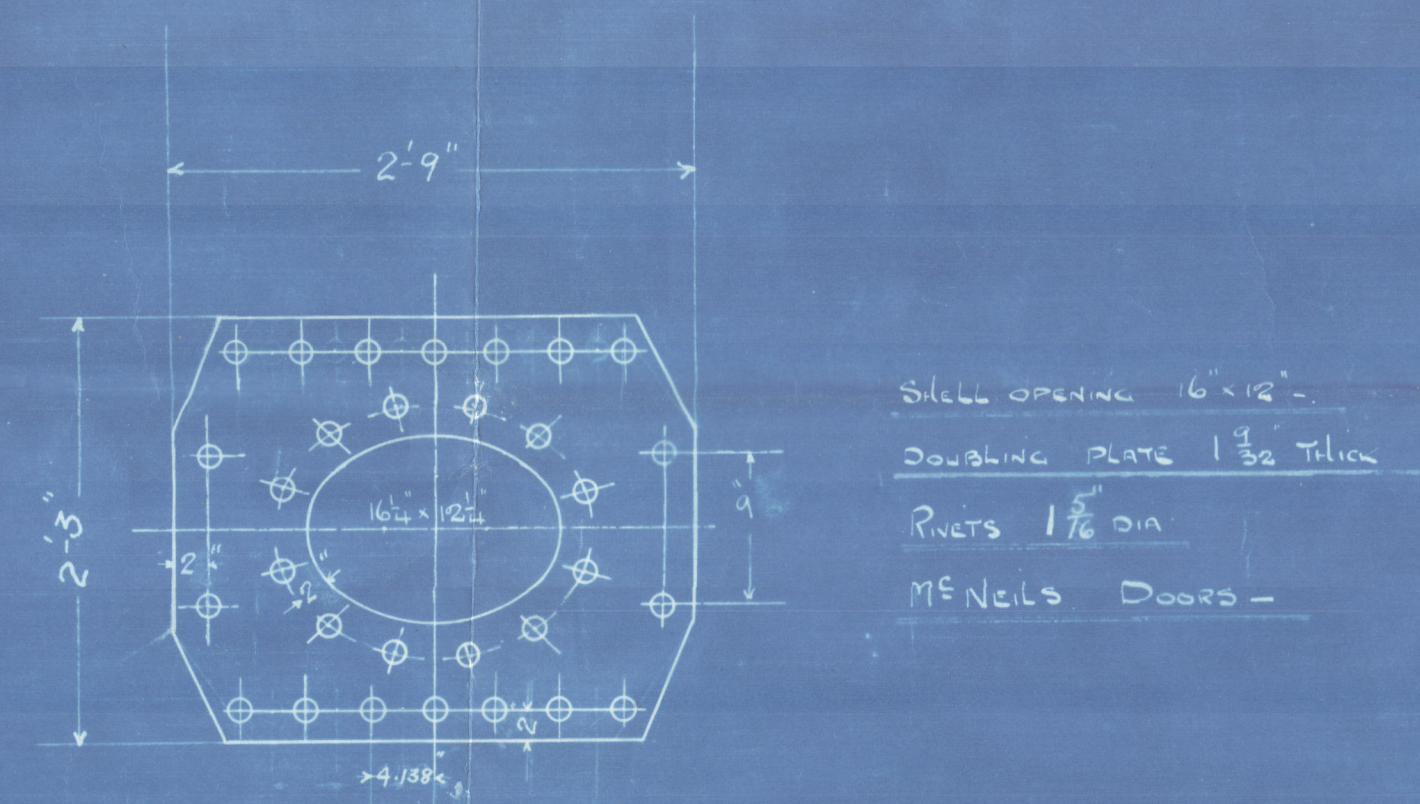
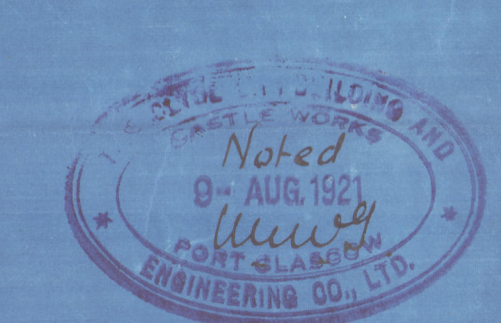
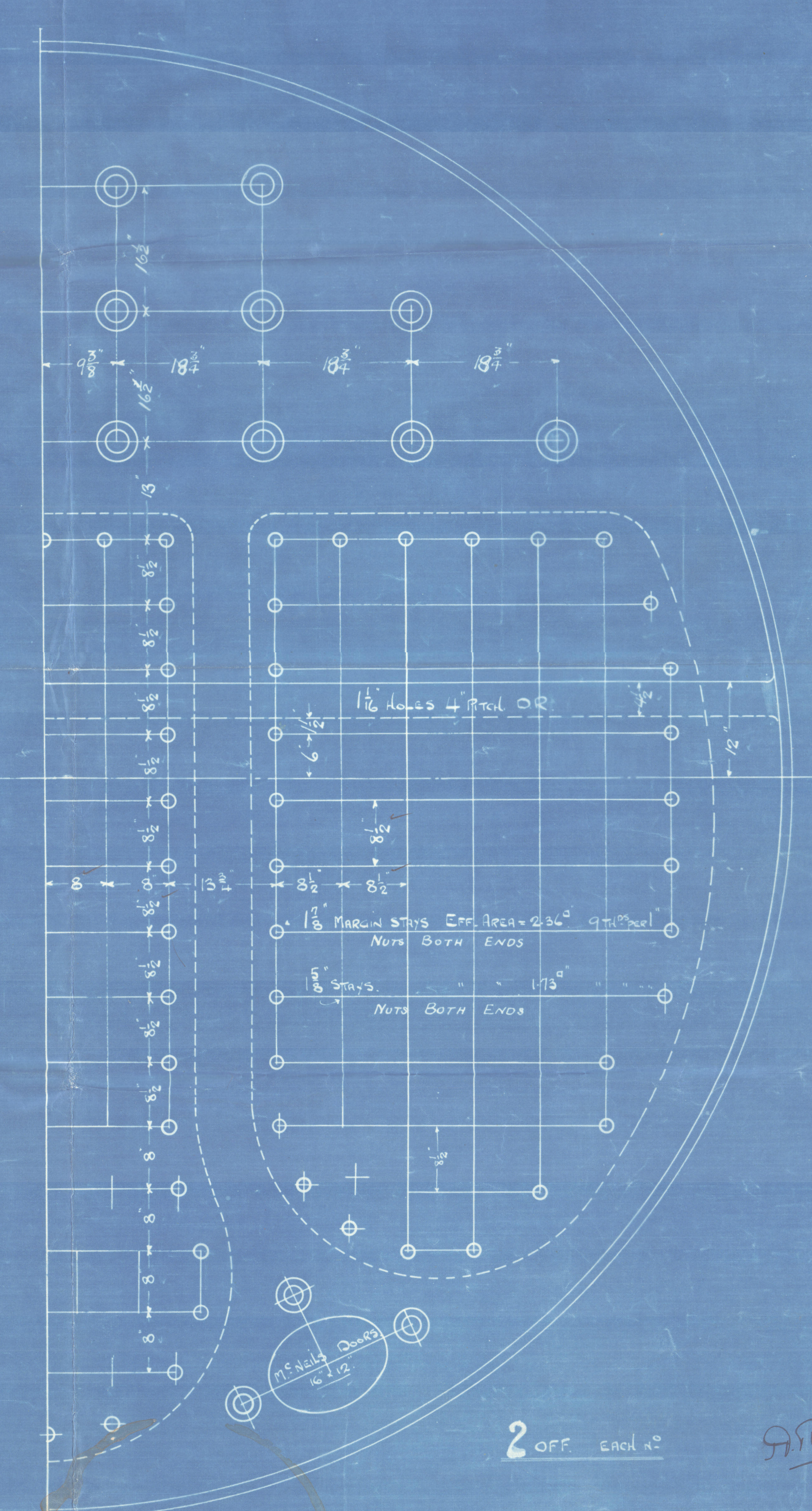
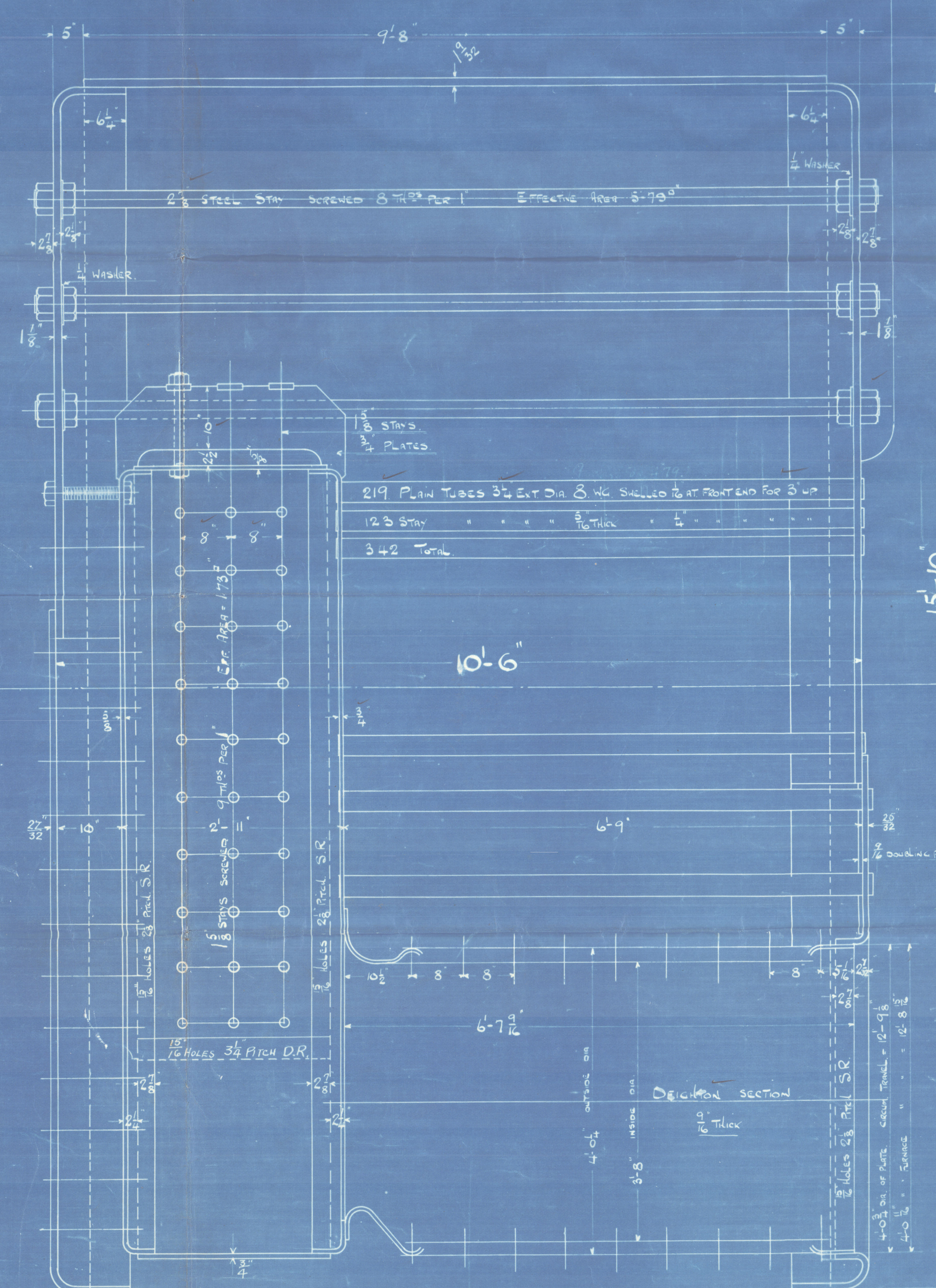
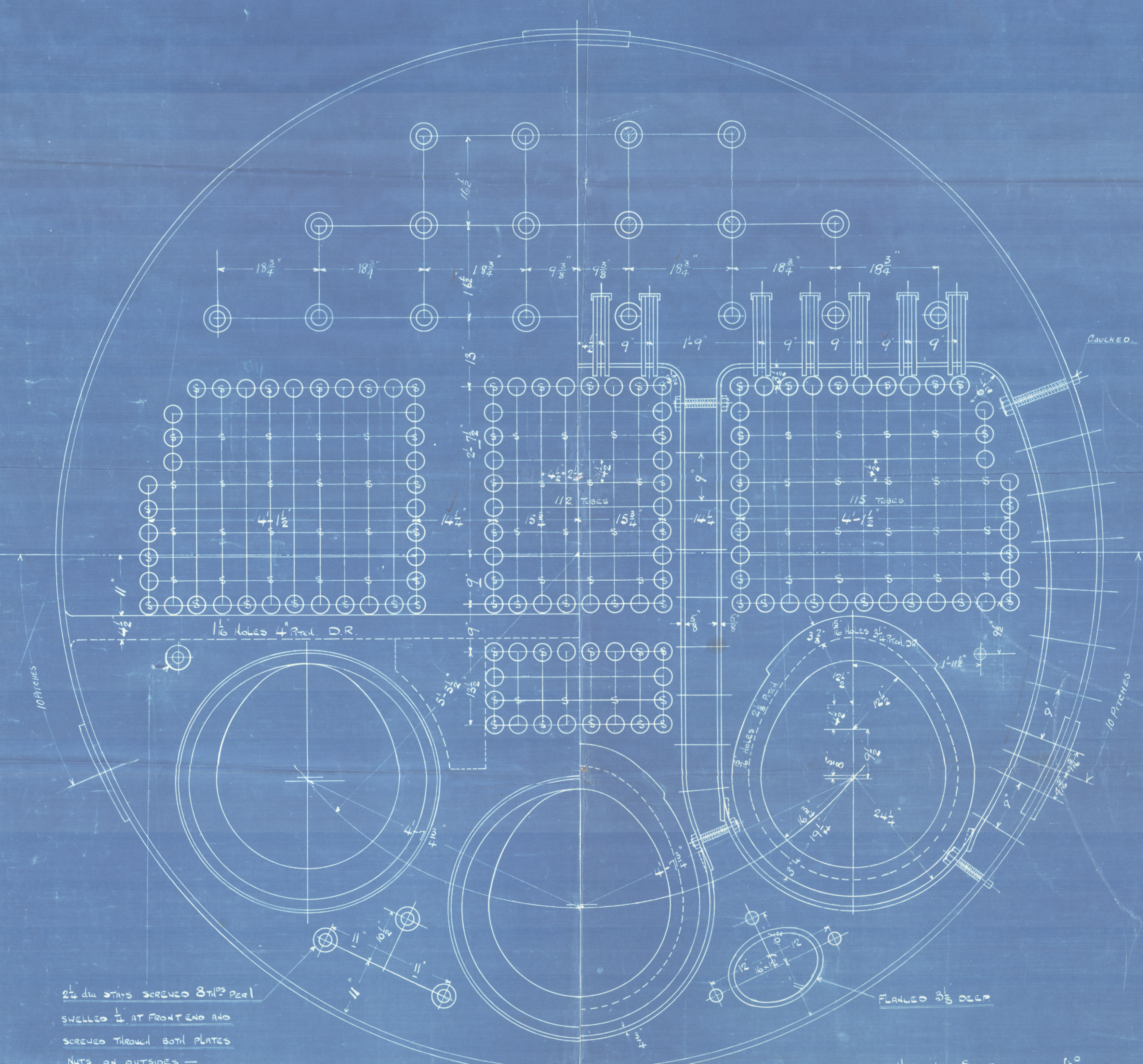


5/8/21



SHELL OPENING 6'x18"
DOUBLING PLATE 1 1/2" THICK
RIVETS 1 1/2" DIA
MISCELL. DETAILS -

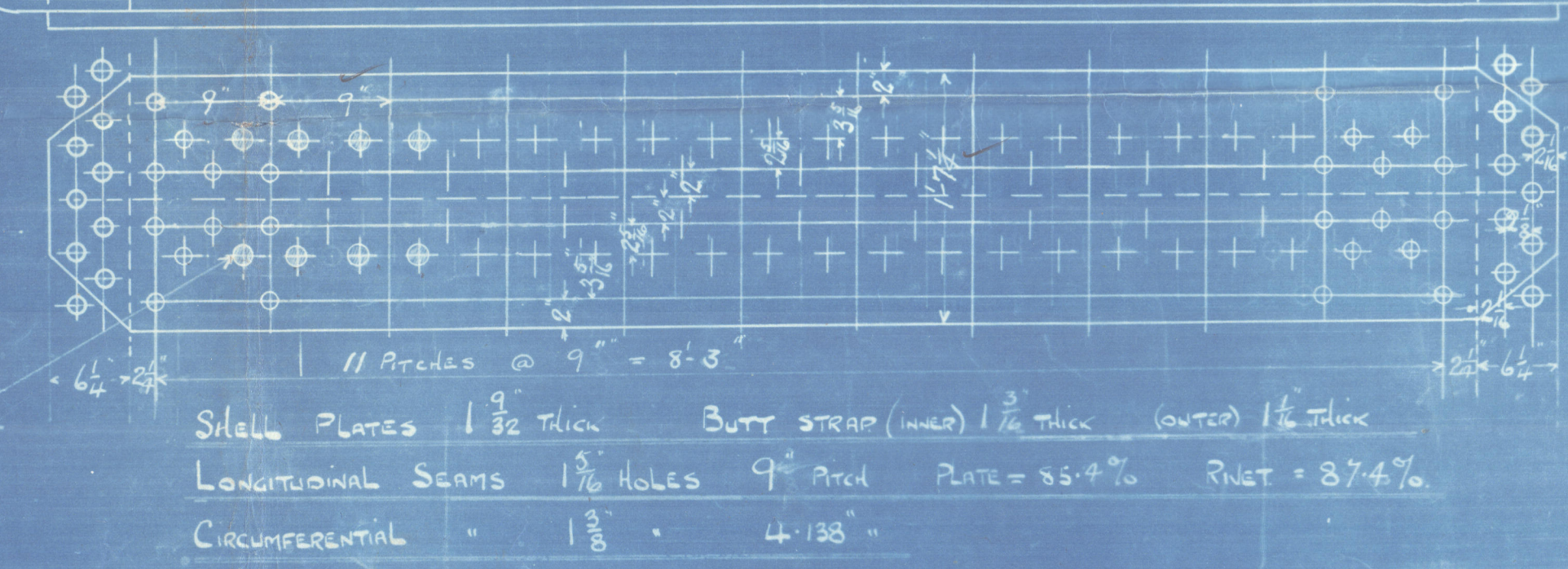


2 1/2" dia STAYS, SCREWED 3/16" PLATE
SWELLED 1/2" AT FRONT END AND
SCREWED THROUGH BOTH PLATES
NUTS ON OUTSIDES -

HEATING SURFACE	SQ. FT.
TUBES	1941
FURNACES	134
COMBUSTION CHAMBERS	274
TOTAL	2349
GRATE SURFACE	605 1/2 (5'6" dia)

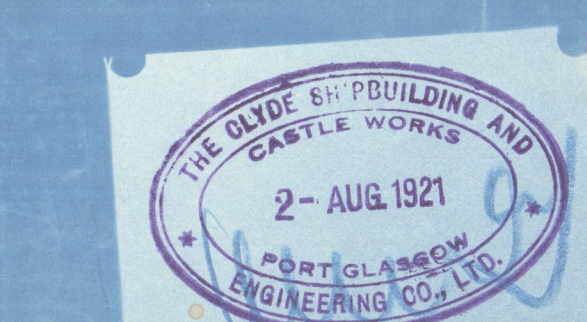
TENSILE STRENGTH OF PLATES, BUTT STRAPS AND GIRDERS BY 28 TO 32 TONS PER SQ. INCH
STEEL THROUGH OUT EXCEPT TUBES WHICH ARE OF IRON
ALL HOLES DRILLED IN PLACE
TO PASS NORSE VERITAS AND STOKHOLM SURVEYS FOR 180 LBS W.P.
APPROVED NORSE VERITAS 4/12/20

1 1/2" STAYS IN WAY
OF BUTT STRAPS
EFF. AREA = 1.45



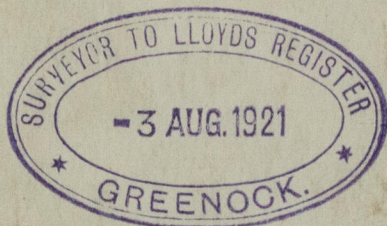
SHELL PLATES 1 1/2" THICK BUTT STRAP (INNER) 1 1/2" THICK (OUTER) 1 1/2" THICK
LONGITUDINAL SEAMS 1 1/2" HOLES 9" PITCH PLATE = 85.4% RIVET = 87.4%
CIRCUMFERENTIAL " 1 1/2" HOLES 4" PITCH

MAIN BOILERS
ENGINES NO 478-9
SCALE 1" = 1'-0"



Clyde 513 72 60's

Boilers Nos 478 & 9.



No. 478. 4/5 Windermere

Greenock Report No 17913

No 479 1/2 Pacific

Greenock Report No 18096.

RETAIN



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