

STANDARD "C2" COASTERS.
BOILER.
ONE OFF THUS.

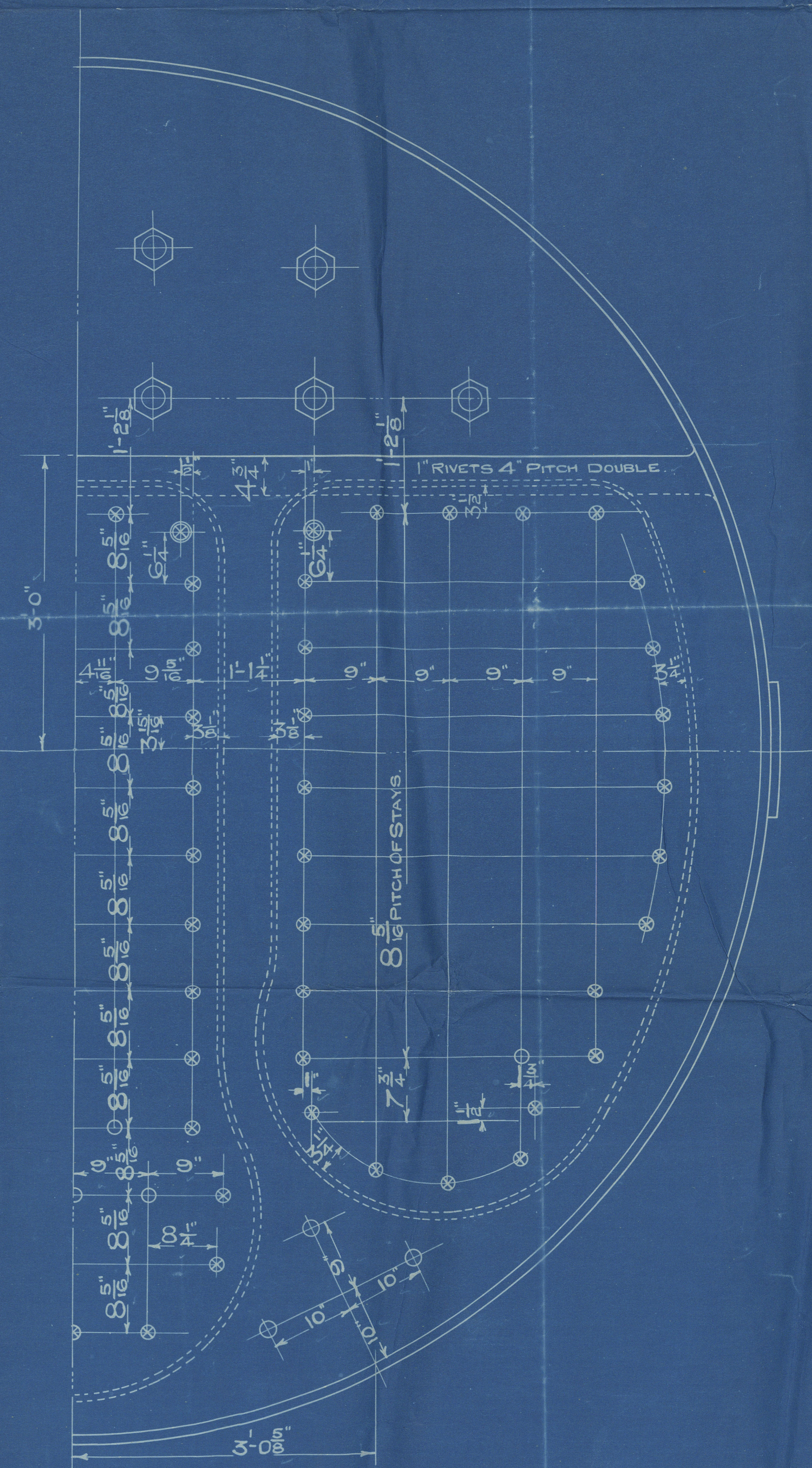
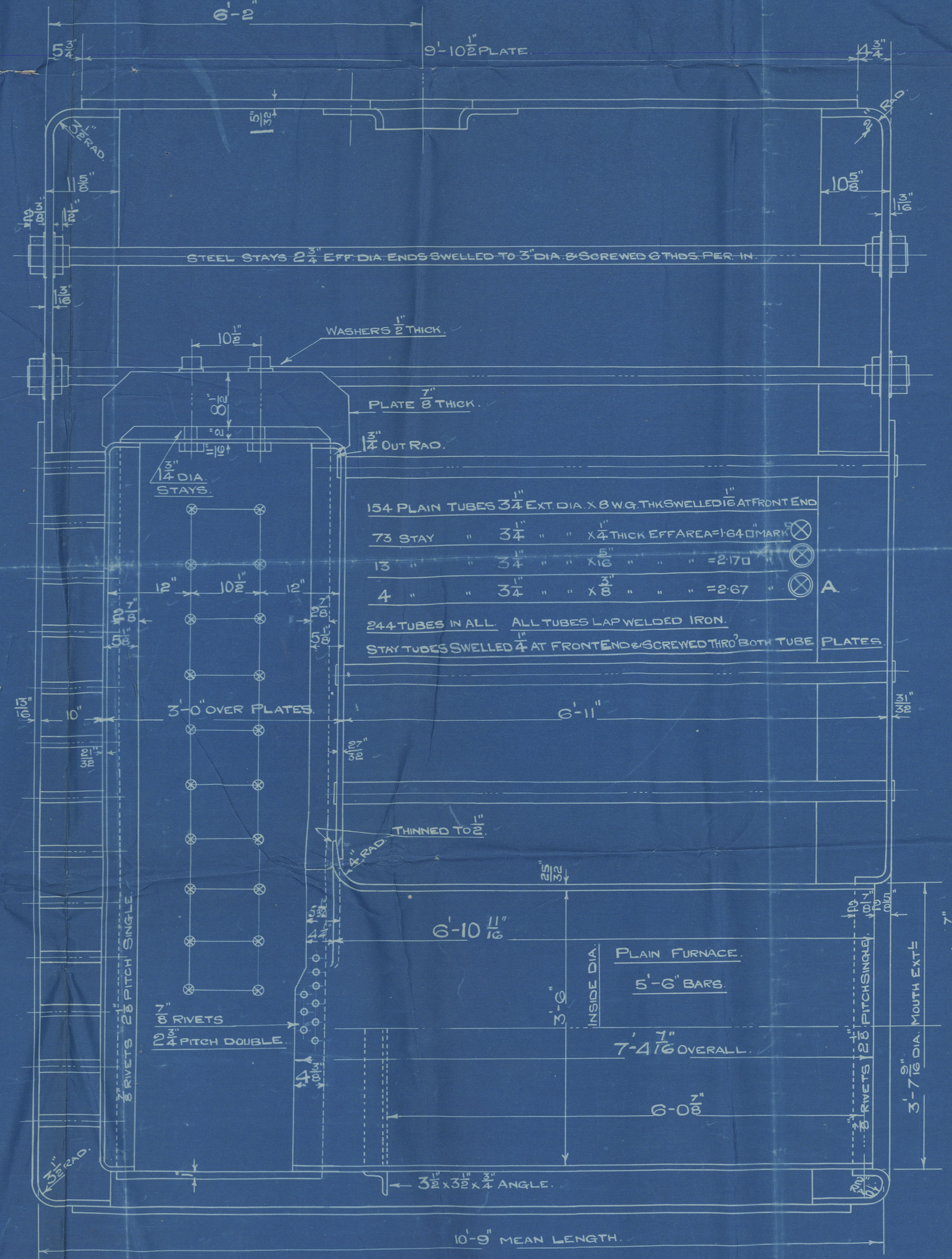
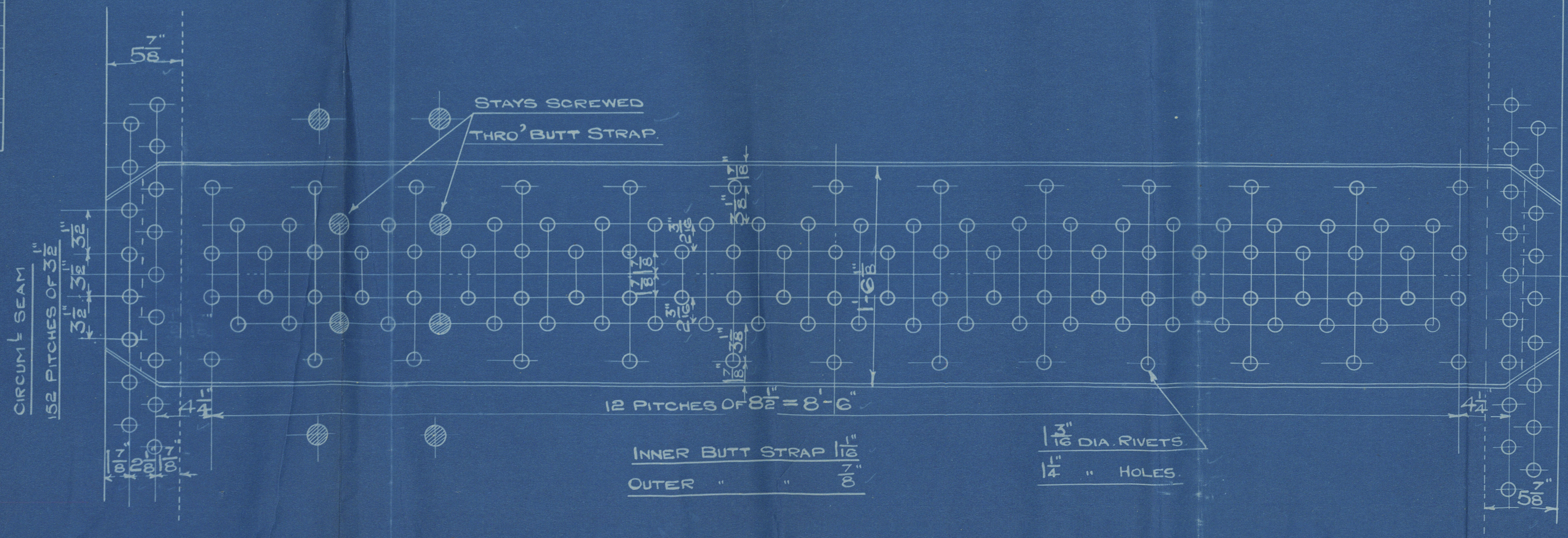
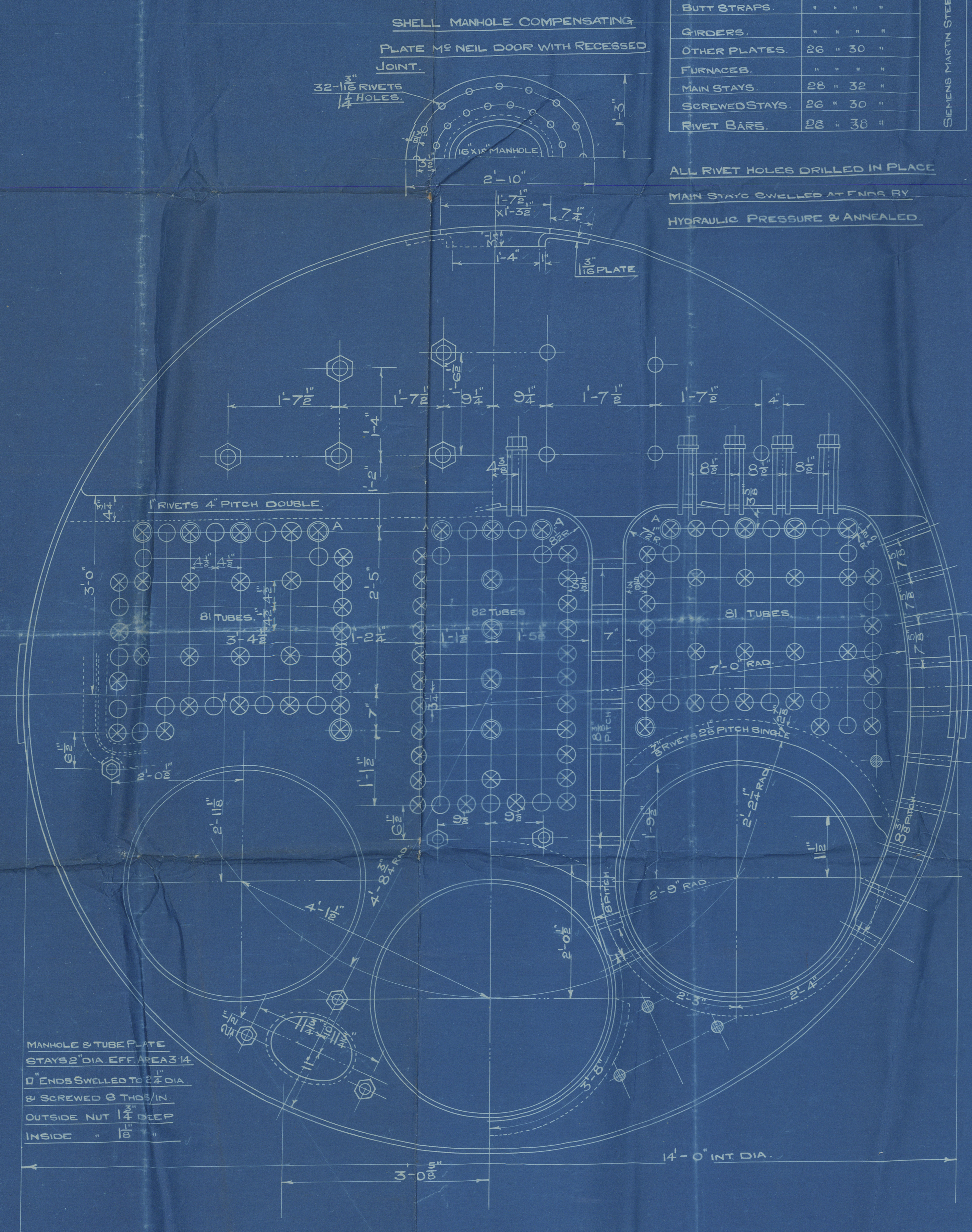
TO LLOYDS REQUIREMENTS.
FOR WORKING PRESSURE OF 180 LBS. PER SQ. IN.
APPROVED BY LLOYDS 10/5/18.

BOILER No 2013.
REPEAT FOR 2014.

RIVETING		
DIA RIVET.	LONGITUDINAL CIRCUMF.	
	HOLE.	
PITCH	8 1/2	3 1/2
PLATE PERCENTAGE	85.3	64.4
RIVET	93	51.5

LIMITS OF TENSILE STRENGTH & MATERIAL	
SHELL.	28 TO 32 TONS / IN ²
BUTT STRAPS.	" " " "
GIRDERS.	" " " "
OTHER PLATES.	28 " 30 "
FURNACES.	" " " "
MAIN STAYS.	28 " 32 "
SCREWED STAYS.	28 " 30 "
RIVET BARS.	28 " 30 "

PARTICULARS	
HEATING SURFACE IN 244 TUBES	1436 SQ. FT.
" " " 3 COMB. CH.	246 " "
" " " 3 FURNACES.	127 " "
TOTAL HEATING SURFACE.	1809 " "
GRATE AREA 5'-6" BARS.	57.75 " "
AREA THRO TUBES.	10.82 " "
RATIO GRATE TO HEATING SURFACE.	1:31.3 " "
" " " AREA THRO TUBES.	5.34:1 " "
STEAM SPACE CUBIC FEET.	346
WEIGHT OF WATER AT WORKING LEVEL	
& TEMPERATURE.	



STEEL COMBUSTION CHAMBER STAYS				
POSITION	MARK	DIA	THOS/IN EFF AREA	DEPTH NUTS
BACK TOP CORNERS.	⊗	2"	9	2-71 0"
" MARGINAL TOP & SIDES.	⊗	1 1/2"	9	2-03 "
BACK.	○	1 1/2"	9	1-73 "

ALL COMB. CH STAYS SCREWED THRO BOTH PLATES & FITTED WITH NUTS EACH END.
EXCEPT STAYS THRO SHELL WHICH PROJECT 3/4" & ARE TO BE RIVETTED & CAULKED.

SCALES 1" & 1/2" = 1 FOOT.

Plan of Boiler

["]
 $\frac{s}{s}$ Dynamo["]

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