

16:5:05

DIMENSIONS.	
LENGTH OF FIRE BARS	13'-1"
AREA OF FIRE CRATE	1063 sq ft
DIAM. OF TUBES OUTSIDE	3 1/2"
LENGTH OF TUBES Over Plates	6'-6 3/4"
NO OF TUBES	196
SURFACE OF TUBES	1063 sq ft
TOTAL HEATING SURFACE	1330 sq ft
WORKING PRESSURE	200 lbs
DIAM. OF SAFETY VALVE	1 1/2"

**Particulars of Riveting**  
 Shell - Longitudinal seams to be treble riveted double butt straps holes drilled 1 1/8" diam 7" pitch.  
 Circumferential seams to be double riveted lap joints holes drilled 5/8" diam 3 1/2" pitch.

Comb Cham - To be double riveted along bottom and up sides to level of furnace tops. Remainder to be single riveted.

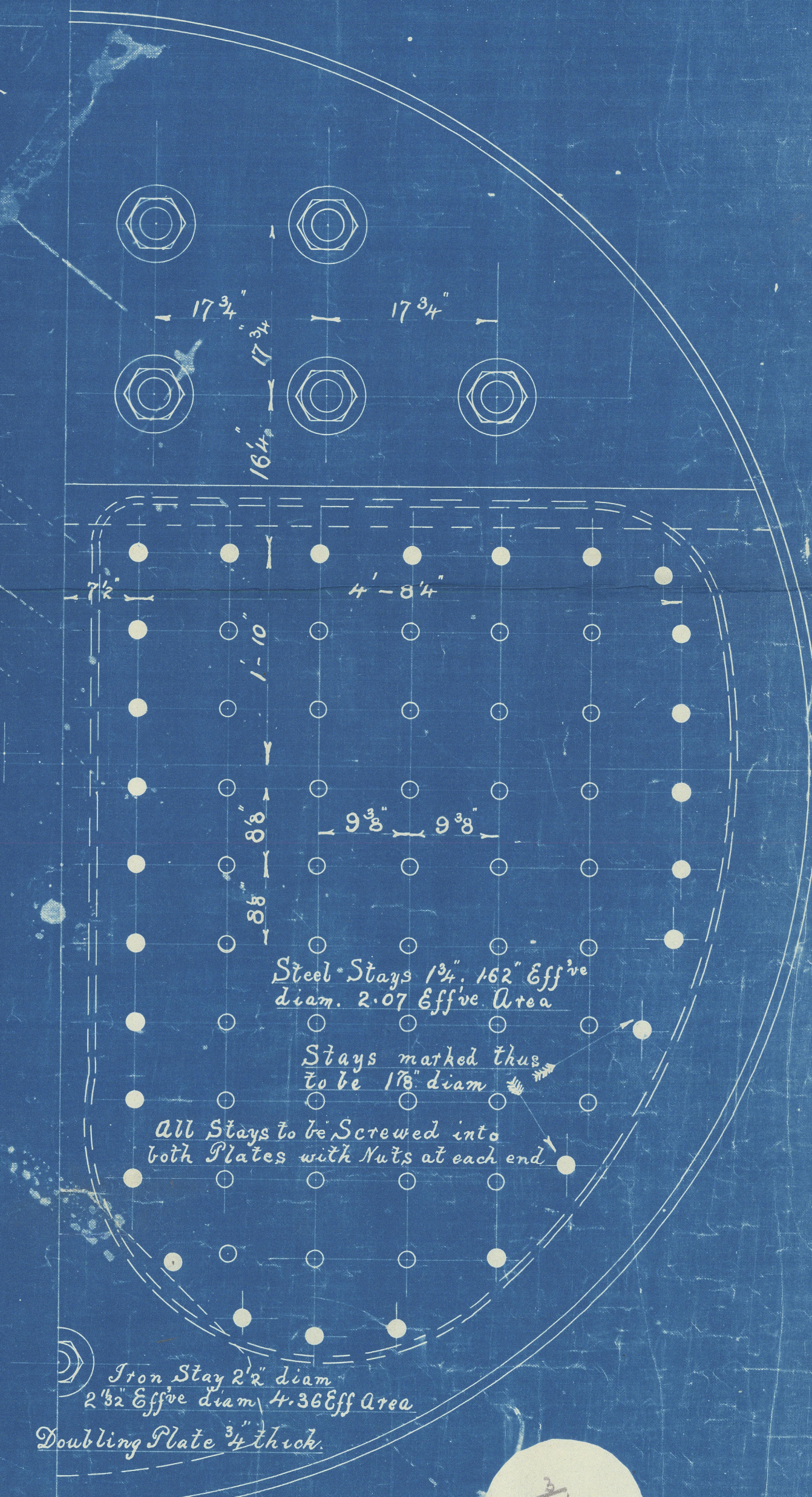
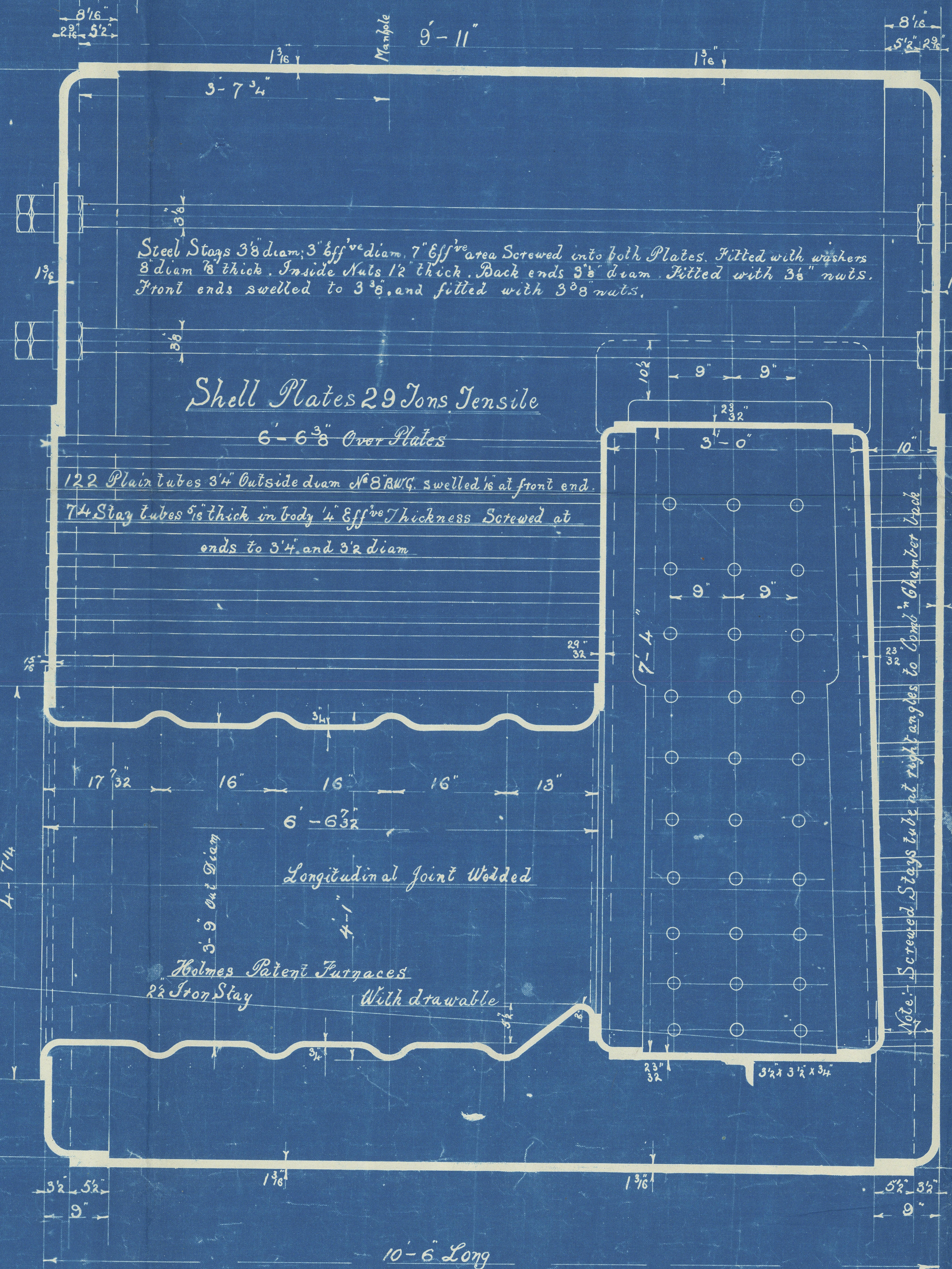
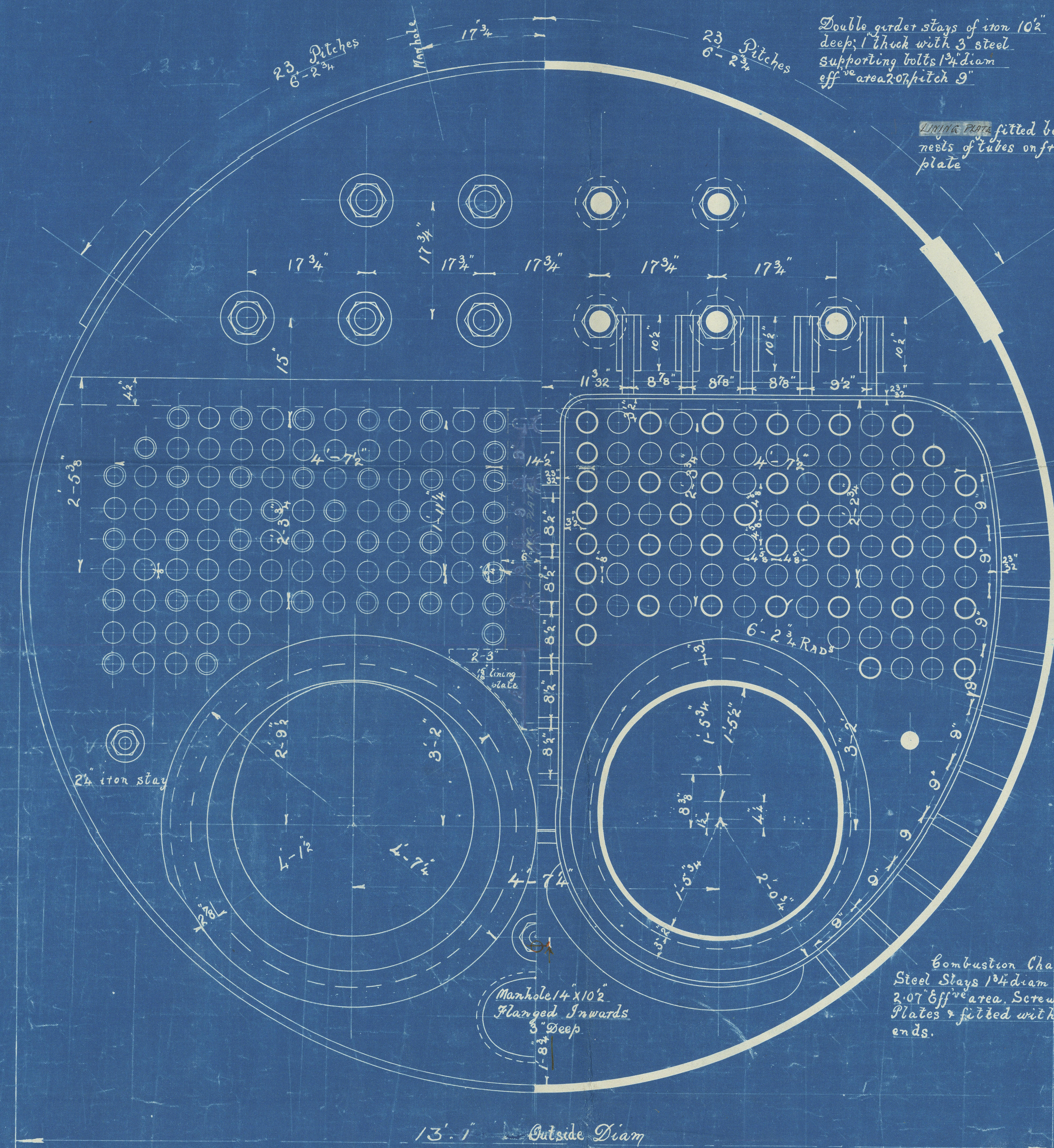
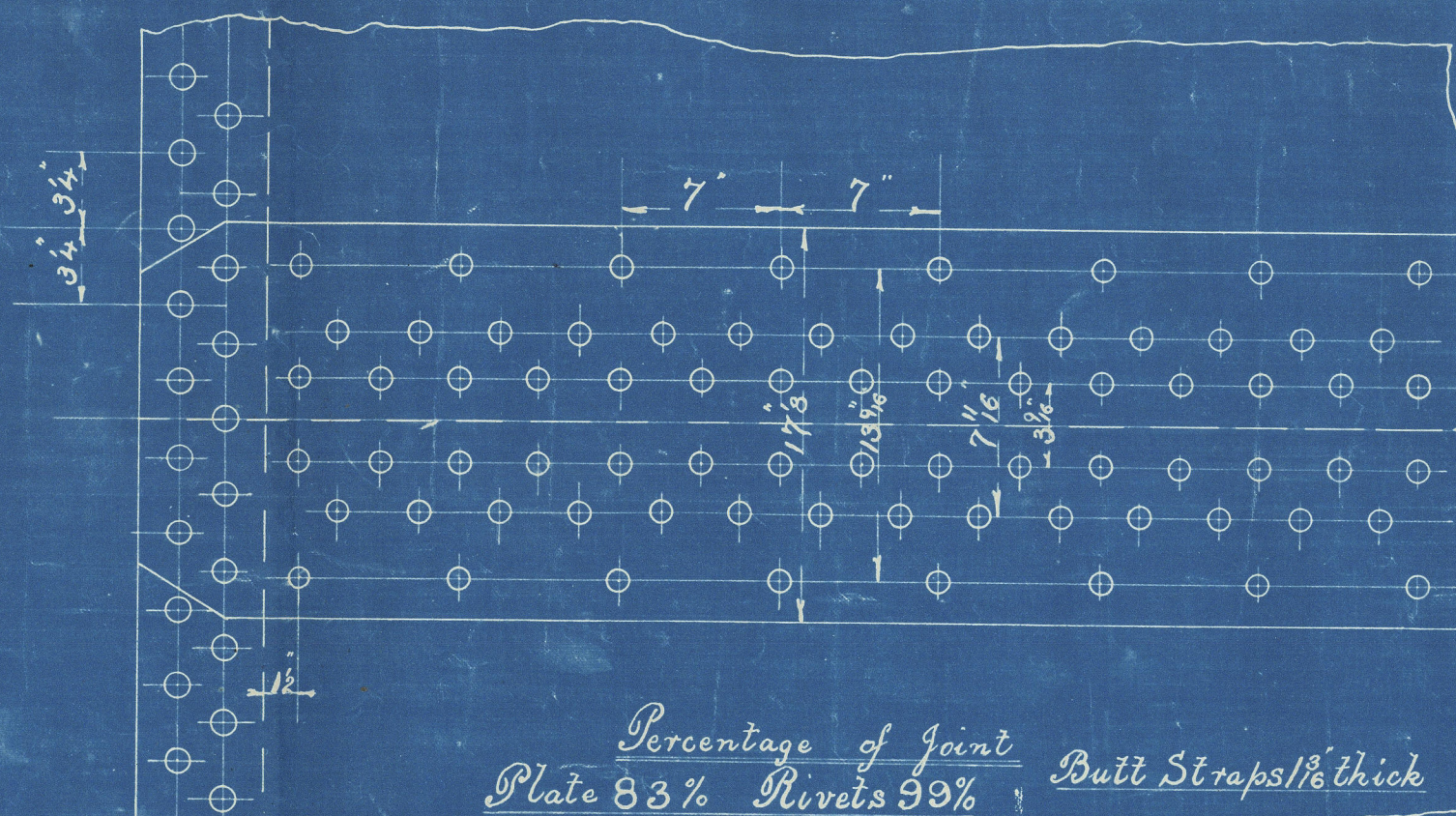
End Plates - Cross seams to be double riveted.

Furnaces - To be single riveted at back bottom half of front, top half of front to be double treble, longitudinal joints welded.

Manhole in shell 16" x 12" lined inside with 1/2" plate 7" broad

Double girder stays of iron 10 1/2" deep 1 1/2" thick with 3 steel supporting bolts 1 1/2" diam eff area 20 sq in pitch 9"

Double girders fitted between nests of tubes on front tube plate



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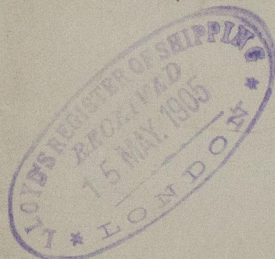
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