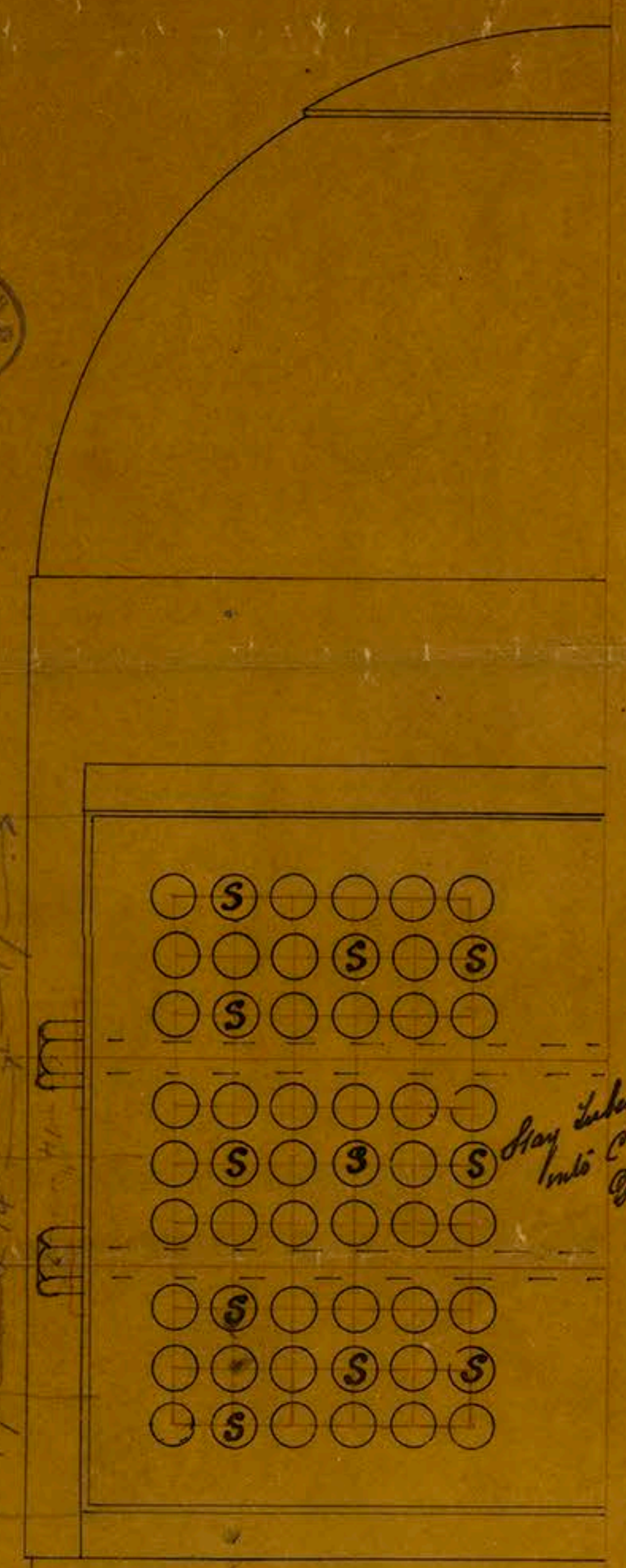
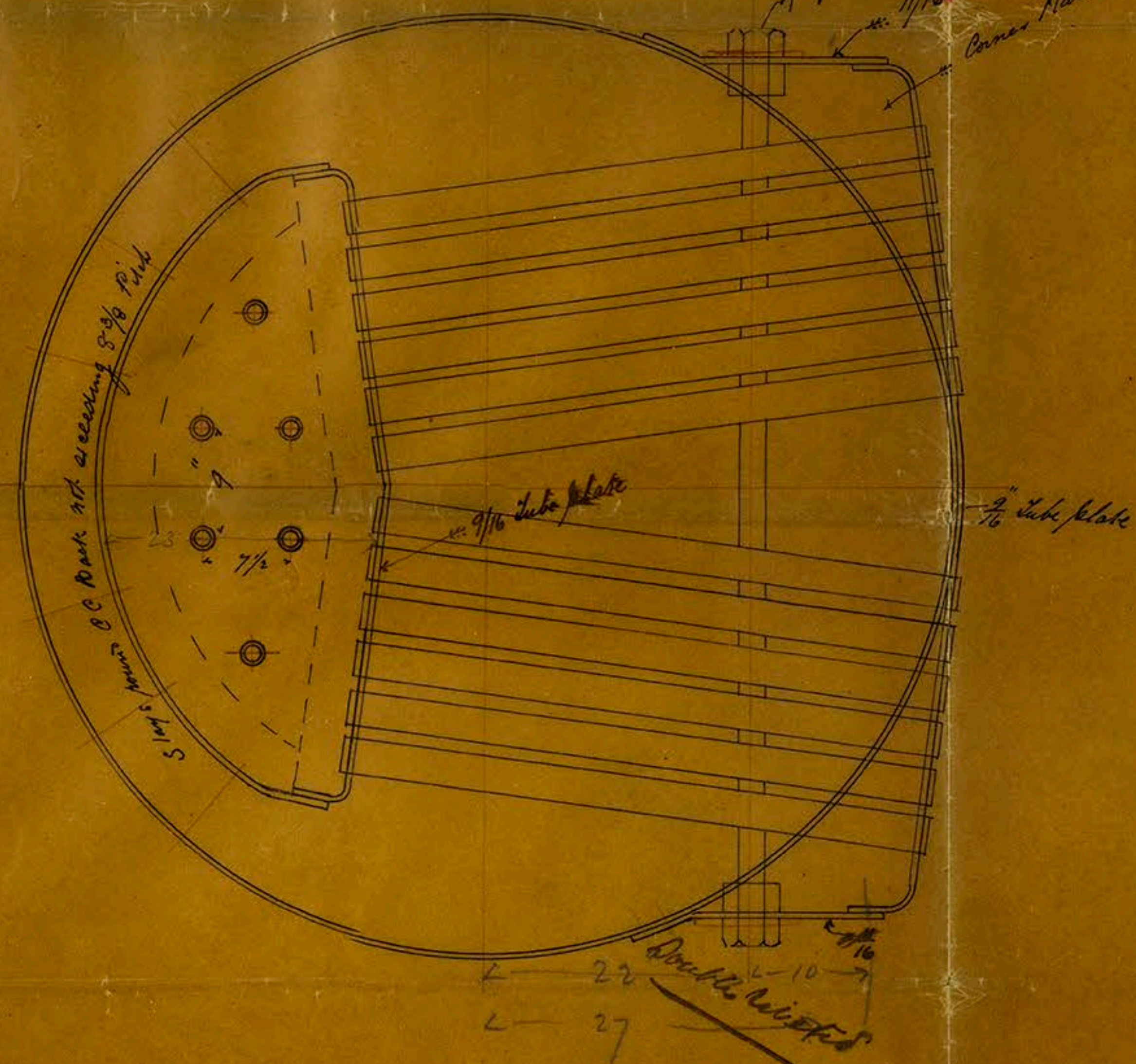
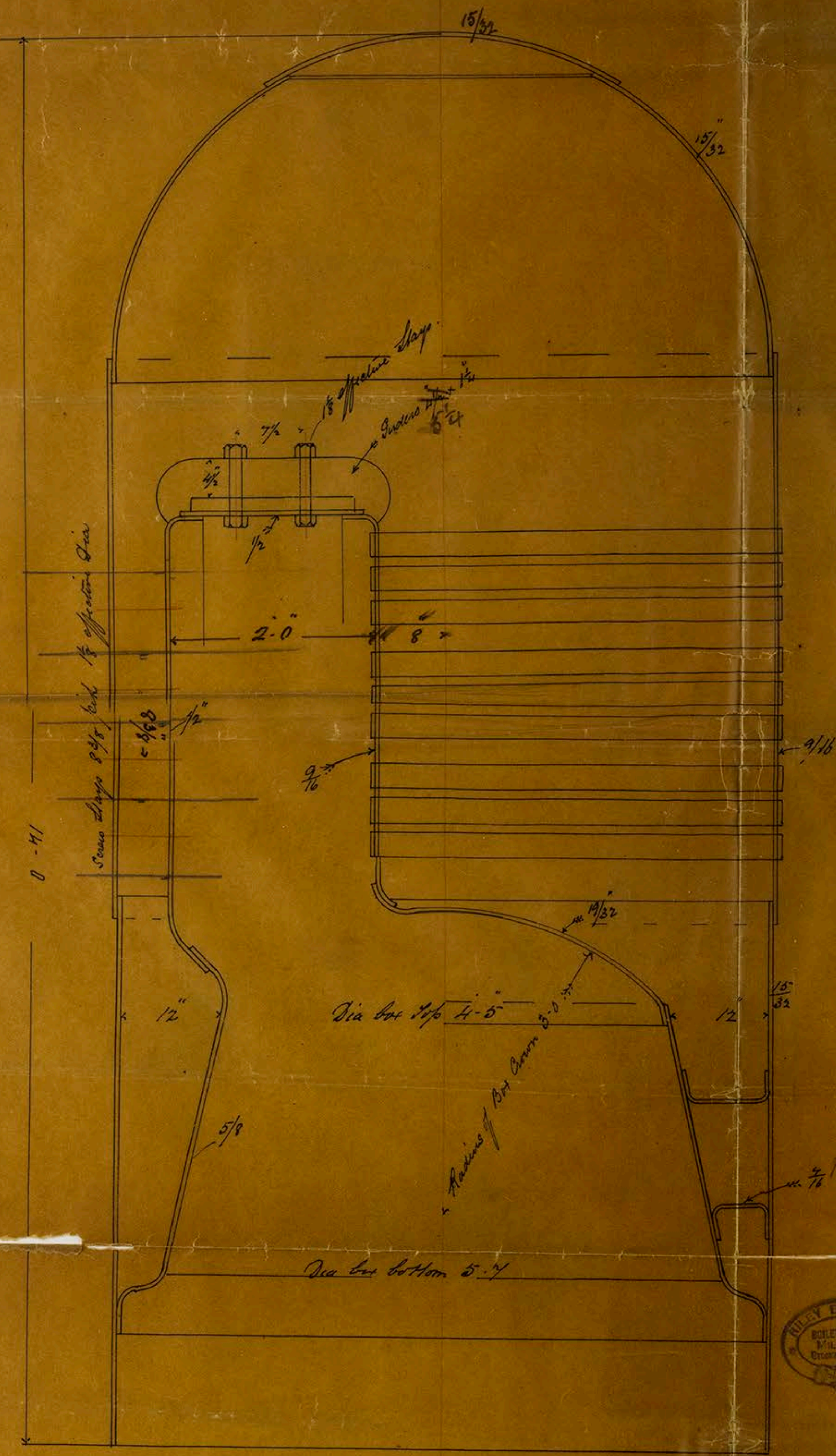


16 11 90

Meredith Patent Boiler Steel  
 14'-0" high x 6'-6" Dia with 108 8 tubes  
 for Messrs R Robinson & Co No 256 5/8  
 (Boiler No 1312)

Pressure 90 lbs  
 Scale 1" = 1 foot.



Cross stay  $\frac{27 \times 15 \times 90}{7500} = 5.02$  area  
 = 1/2 inch dia rivets  
 Shell  $\frac{245 \times 8 \times 15}{75 \times 32} = 9.6$  90 lbs  
 Cornucop  $\frac{100 \times 8}{5 \times 32} = 9.1$  lbs  
 Flat plate at  
 shell end  $\frac{140 \times 11}{14} = 9.6$  lbs  
 Furnace  $\frac{8800 \times 5}{60 \times 8} = 91.6$  lbs

Longitudinal seams in shell Double rivetted lap joints  
 13/16 holes 2 1/2 pitch  
 rest of Boilers single rivetted 1 1/2 holes 2 pitch  
 Steel plates and Steel Rivets

J.J.M.  
 17/11/90  
 W.R.H.  
 14 Nov 1890



Mr. Wm. H. ...  
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W. H. ...

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S. S. Alton ...

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MSA 41A/64