

STEEL BOILER

SCALE 1 INCH = 1 FOOT

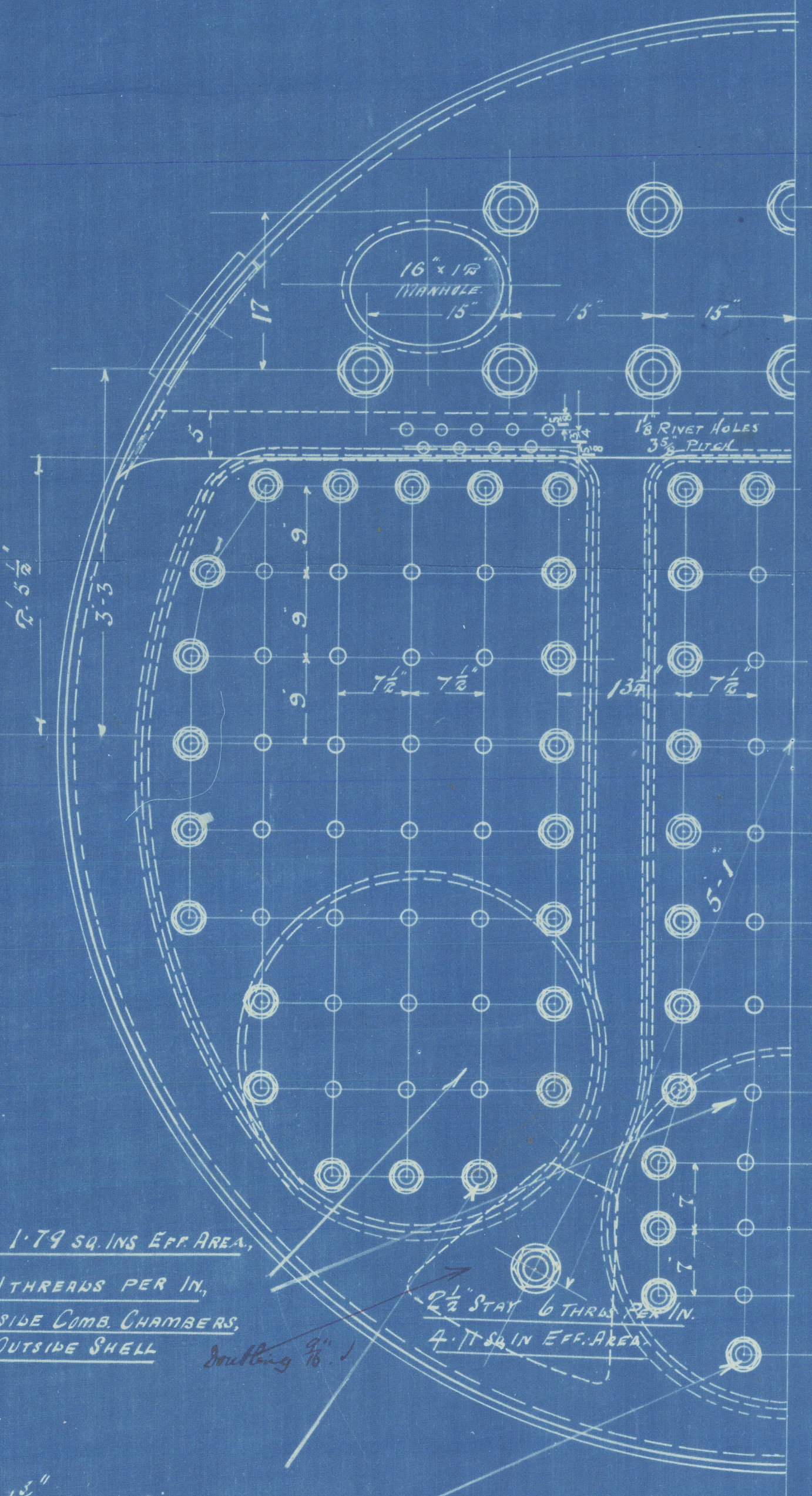
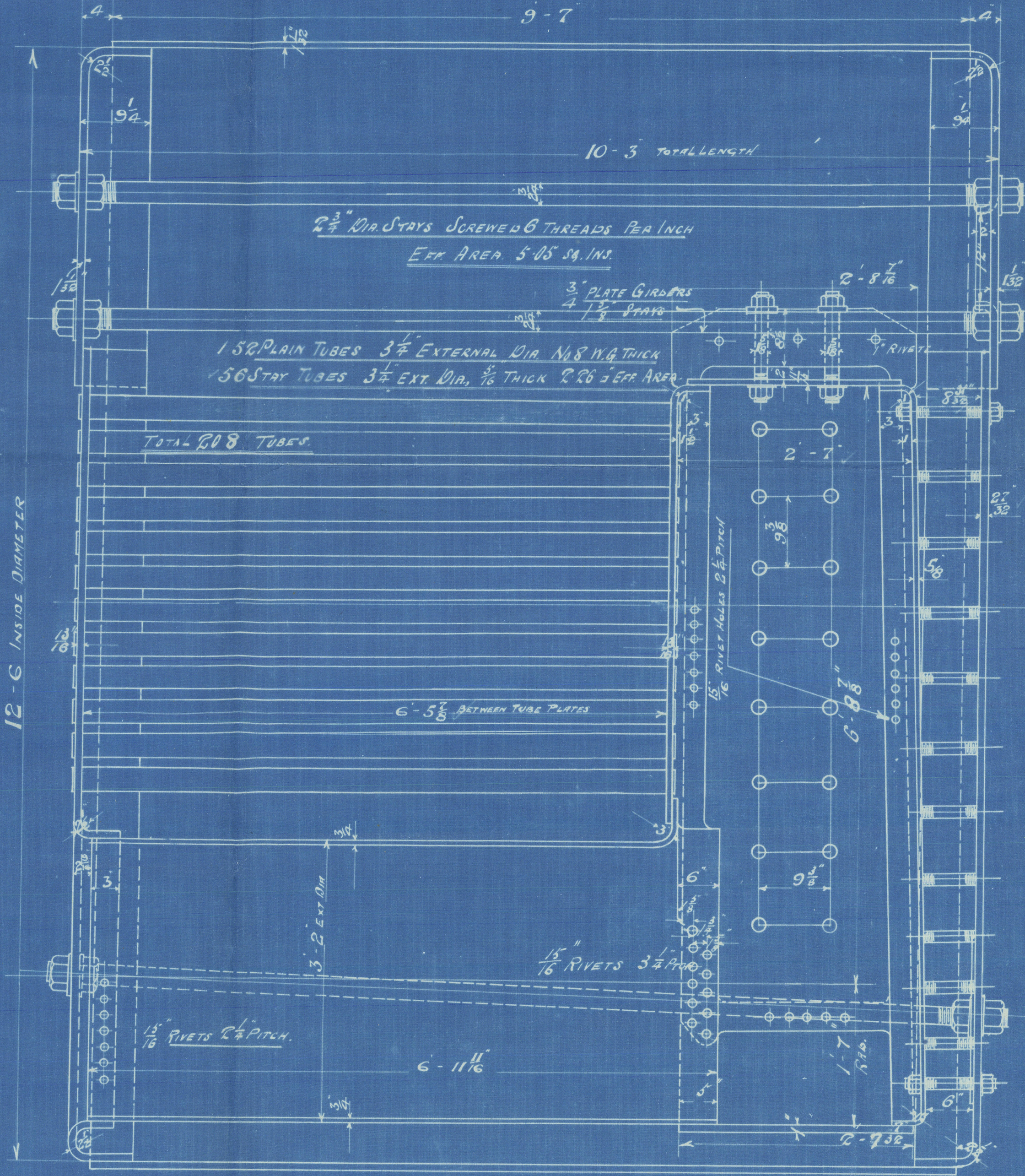
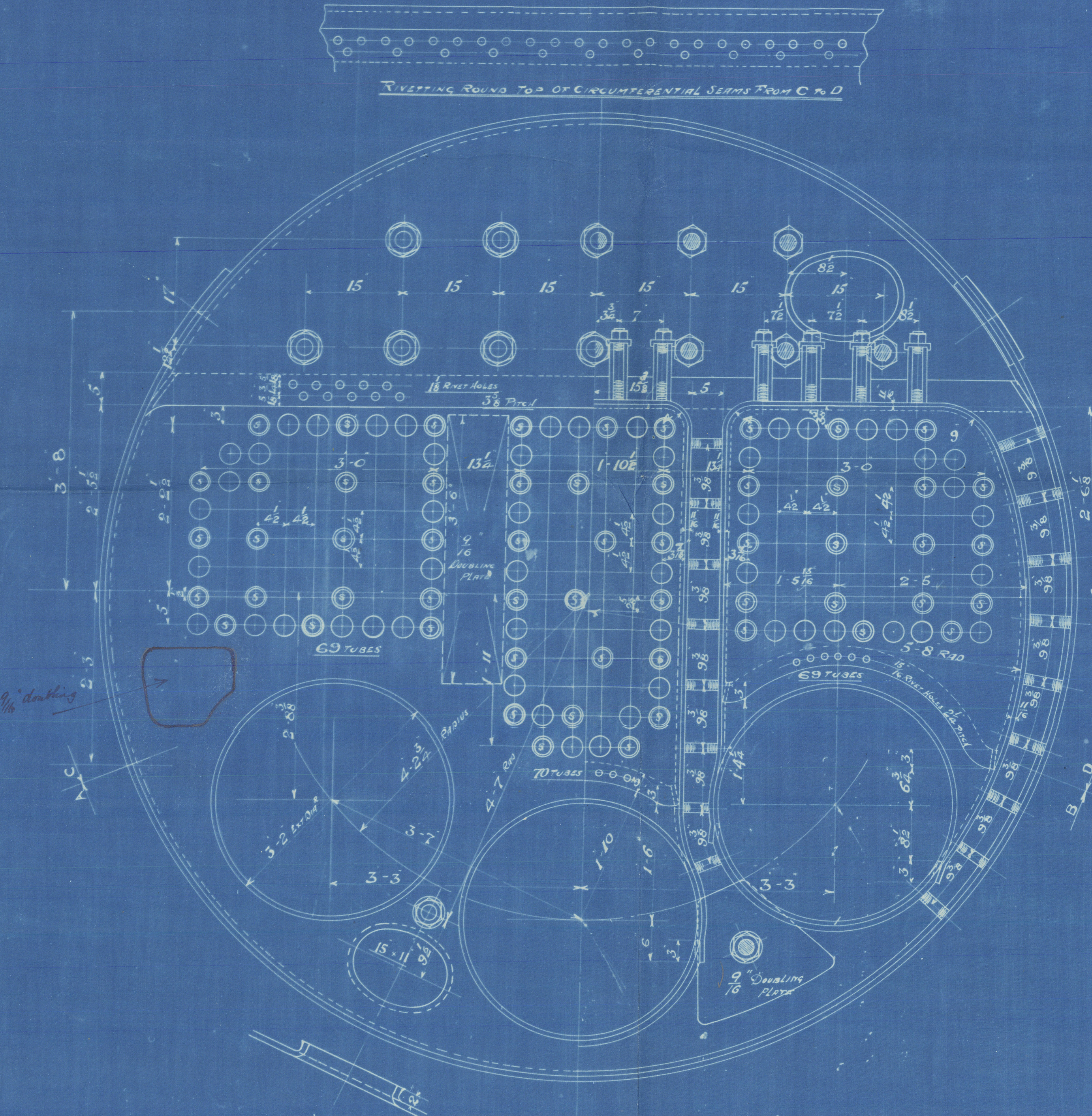
180 lbs. per sq. in. Working Press. 360 lbs. per sq. in. Test Press.  
12'-6" Inside Dia. 10'-3" Total Lgth.  
To Pass Lloyd's Survey.

HEATING SURFACE	Sq Feet
TUBES	1148.5
FURNACES	97
BACK TUBE PLATES	34
FRONT TUBE PLATE	26.5
COMBUSTION CHAMBERS	174
TOTAL	1480.5

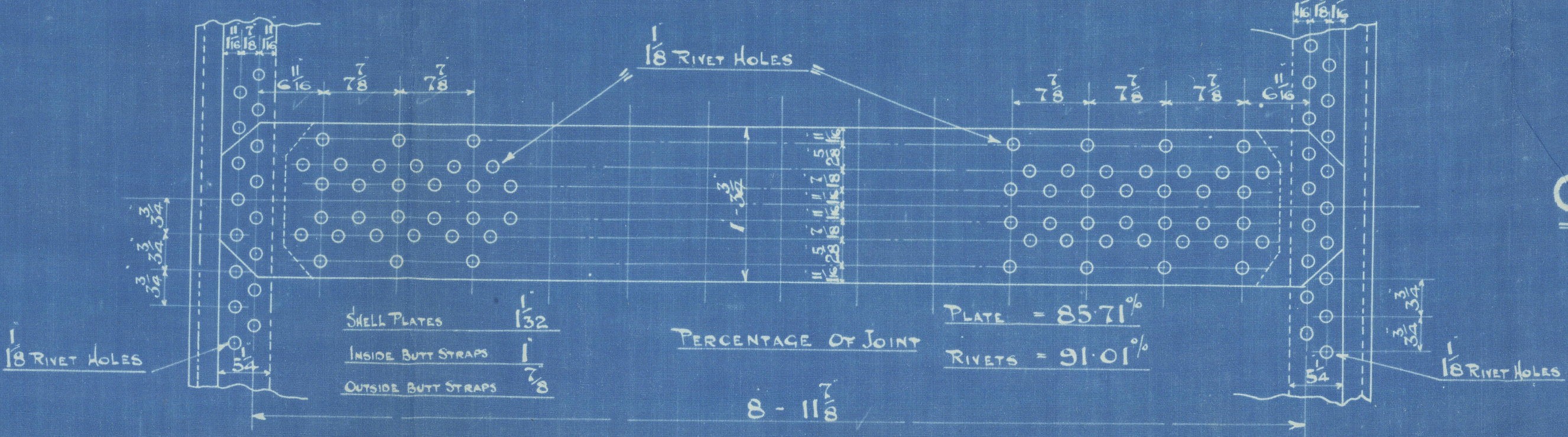
34 FT.  
GRATE SURFACE 41 00 BAR = 4'-6" RATIO  $\frac{4.5}{9.5} = \frac{36}{1}$

SHELL PLATES & BUTT STRIPS	STEEL	28 1/2 30
GIRDERS	STEEL	28 1/2 30
ALL OTHER PLATES	STEEL	28 1/2 30
MAIN STAYS	STEEL	28 1/2 30
SCREWED STAYS	STEEL	28 1/2 30
RIVETS	STEEL	28 1/2 30
TUBES	IRON	

MACCOLL & POLLOCK LTD.  
DRAWN BY 1820  
CHECKED BY  
DATE



1 1/8" STAYS 1.79 SQ. INS. EFF. AREA.  
SCREWED 11 THREADS PER IN.  
NUTTED INSIDE COMB. CHAMBERS.  
RIVETED 4 OUTSIDE SHELL.  
1 1/4" STAYS 2.14 SQ. INS. EFF. AREA.  
SCREWED 11 THREADS PER IN.  
NUTTED INSIDE COMBUSTION CHAMBERS & OUTSIDE SHELL.



CONTRACT N°181

18/16  
13/17  
13.2.07



*Enclosure from*

*MACCOLL & POLLOCK Ltd., Sunderland.*

*To*

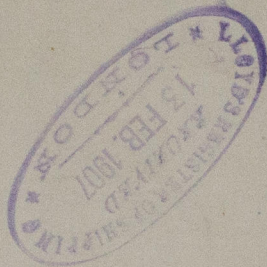
*Lloyds*



S.S. "Cottingham"

Ald. F. C. No 234110

Hull 19899



Mac Boll

RETAIR

RETAIR



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Lloyd's Register  
Foundation

W840-0037