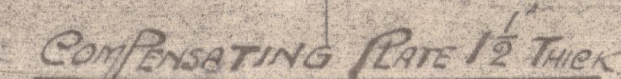
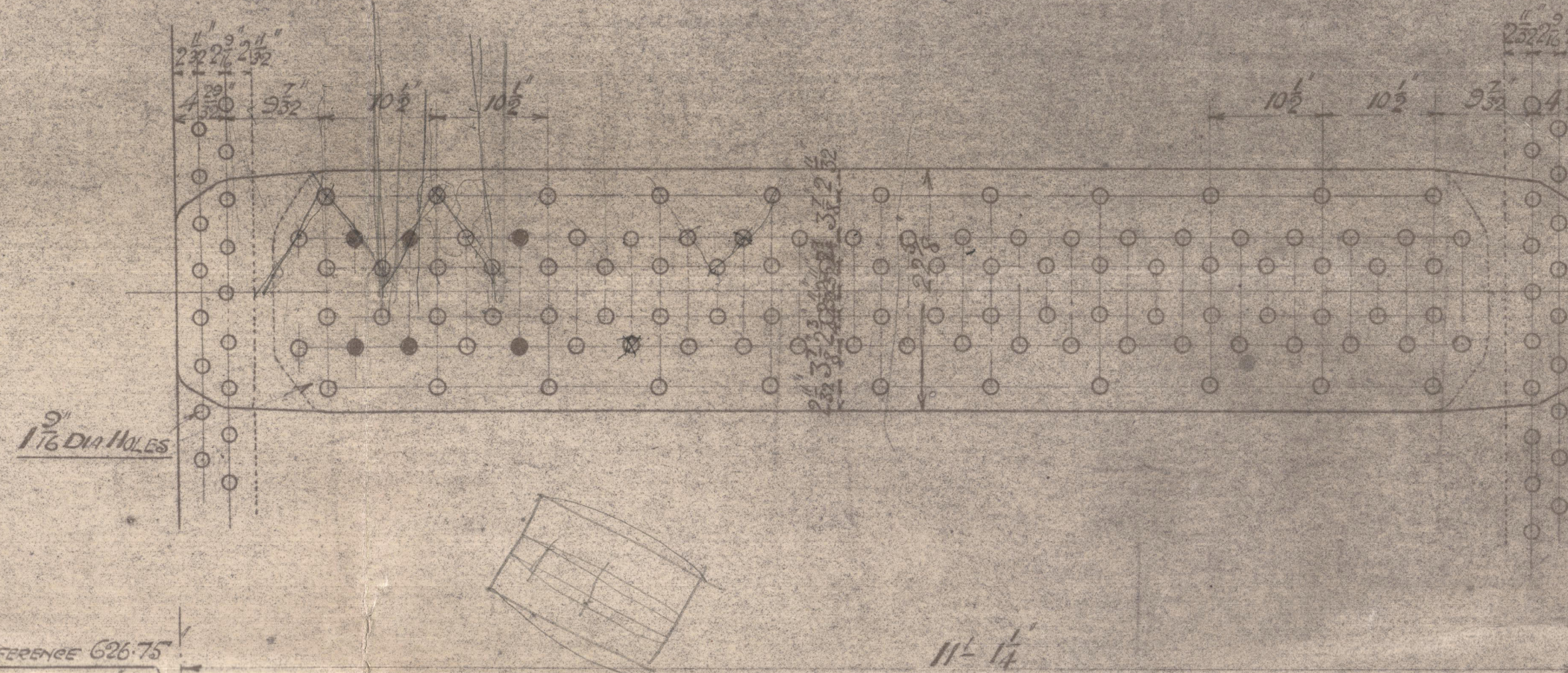


GRATE AREA (WITH 5' 6" BARS)  
ONE BOILER 71.50  
5' 357.50



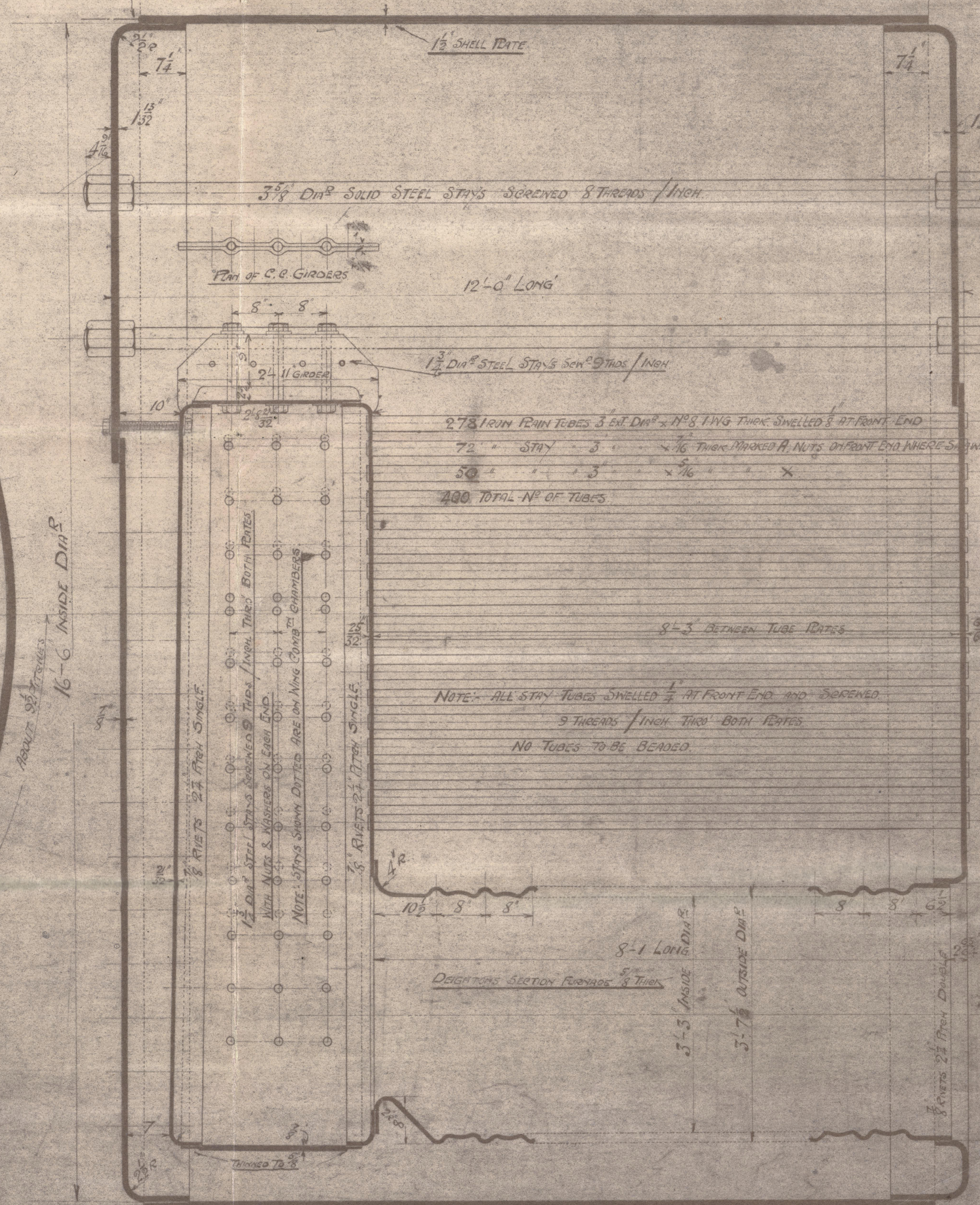
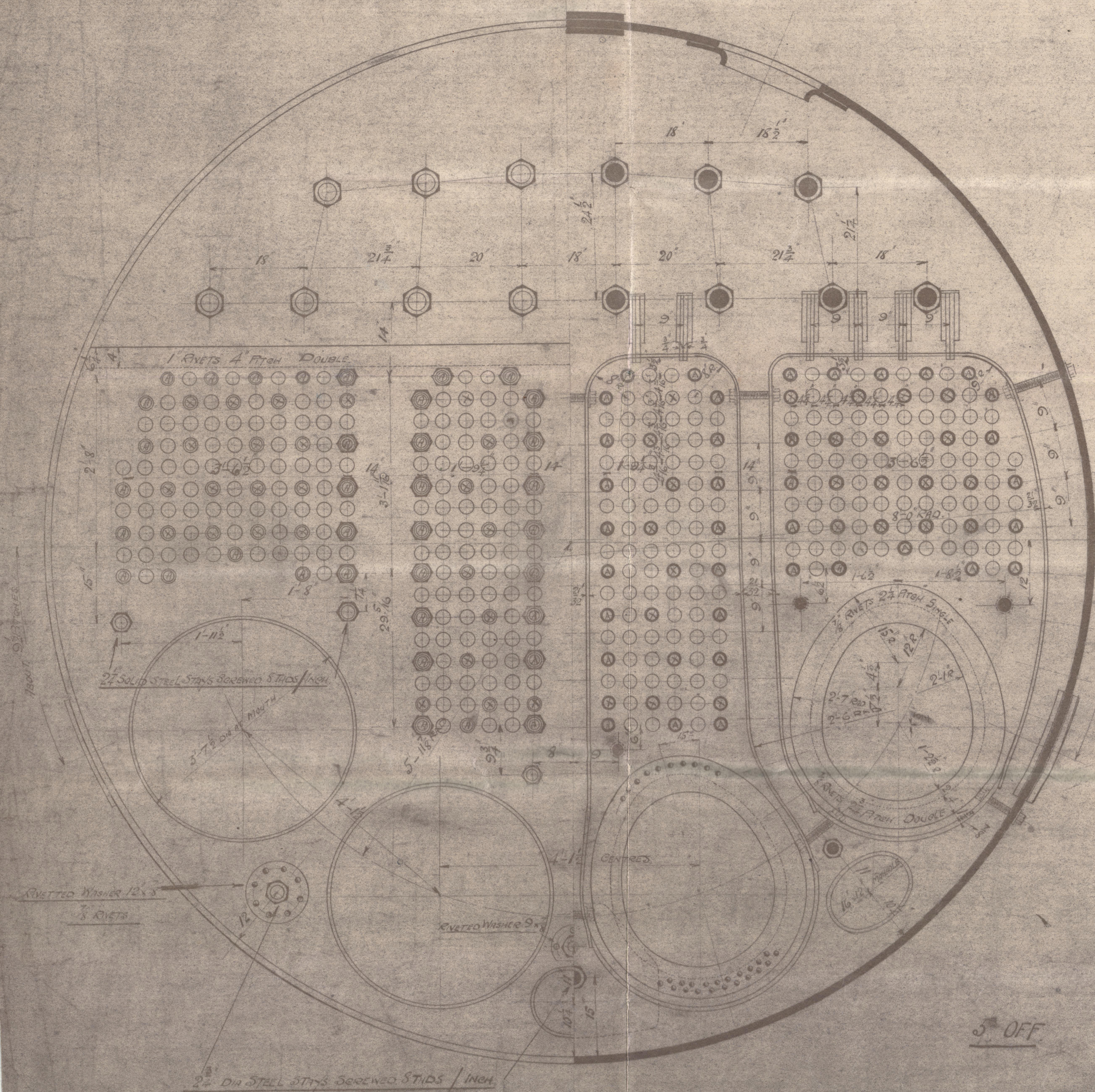
MEAN CIRCUMFERENCE 626.75  
148 PITCHES AT 4.23



DOUBLE BUT STRAPS  $1\frac{1}{2}$ " THICK OUTSIDE  $1\frac{1}{8}$ " THICK INSIDE  
 $1\frac{1}{8}$ " DIA HOLES  $10\frac{1}{2}$ " FROM  
 ALL HOLES DRILLED IN EDGE  
 TENSILE STRENGTH OF SMALL END BUT STRAPS 50 TONS  
 TO PASS BOLTED TO TENDS AND CLOSERS SURFACES  
 WORKING PRESSURE 190 LBS/SQ IN TEST PRESSURE 380 LBS/SQ IN

PERCENTAGE STRENGTH OF JOINT	B.O.T.	LLOYDS
PLATE	85.1%	85.1%
RIVETS	87.08%	90.5%

EFFECTIVE AREA OF SH	
DIA <sup>2</sup>	AREA
3 <sup>5</sup> / <sub>8</sub> "	9.43 sq
2 <sup>1</sup> / <sub>4</sub> "	3.43 sq
2"	2.66 sq
1 <sup>1</sup> / <sub>2</sub> "	2.31 sq
1 <sup>3</sup> / <sub>4</sub> "	2.02 sq



ALL RATES RIVETS AND STAYS STEEL TUBE IRON

# MAIN BOILER № 492

W138-009-



$$\begin{array}{r} 417250 \\ 8 \overline{) 3338000} \\ \underline{320000} \phantom{00} \\ 138000 \phantom{00} \\ 112000 \phantom{00} \\ \underline{260000} \phantom{00} \\ 120000 \phantom{00} \\ 96000 \phantom{00} \\ \underline{240000} \phantom{00} \\ 0 \phantom{00} \end{array}$$

$$\begin{array}{r} 2310 \\ 420 \overline{) 95820} \\ \underline{8400} \phantom{00} \\ 11820 \phantom{00} \\ 8400 \phantom{00} \\ \underline{34200} \phantom{00} \\ 28000 \phantom{00} \\ \underline{62000} \phantom{00} \\ 0 \phantom{00} \end{array}$$

$$\begin{array}{r} 520 \\ 20 \overline{) 10400} \\ \underline{10400} \\ 0 \end{array}$$

$$\begin{array}{r} 4322 \\ 4 \overline{) 17288} \\ \underline{16} \phantom{00} \\ 128 \phantom{00} \\ 128 \phantom{00} \\ \underline{0} \phantom{00} \end{array}$$

W138-0097





T. S. S. "WESTMORELAND"

MAIN BOILER.

W138-0097

By  
the  
owner

26 05



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