

Riley Boiler 3811 100lb

Plate ~~71.1~~ See below Rivets ~~67.4~~

$$\text{Shell } 19.5 \times 67.4 \times \left(\frac{8}{16} - 2 \right) = \frac{101}{78} = \underline{1.296}$$

$$\text{Jm } 56(300 \times 24 - 56)$$

$$66 \frac{9}{16}$$

$$\frac{225}{56} = 127$$

$$\begin{array}{l} .52 \\ 13.6 \\ 16 \times 2 \times 85 \\ \hline 2 \frac{13}{16} \times \frac{15}{32} \end{array} = 6.1$$

Thickness of manhole ring

as amended

$$\text{Plate } 67.4 \text{ Rivets } \frac{15.6}{16} \times 2 \times 85 = 81.5$$
$$2 \frac{7}{8} \times \frac{1}{2}$$



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