

Shorth Bars 298  
Dickinsons 539

W731-0115

Plate 85.52 Rwits 88.5%

$$\frac{21 \times 19 \times 85.5 \times 28}{27 \times 192} = 183 \text{ lbs Shell}$$

$$\frac{185 \times 18 \frac{1}{2}}{\frac{1}{2}(18 \frac{1}{2}^2 + 18 \frac{7}{8}^2)} = 184 \text{ top shell ends}$$

$$\frac{135 \times 11^2}{\frac{1}{2}(10^2 + 9^2)} = 180 \text{ cc plums}$$

$$\frac{135 \times 12^2}{\frac{1}{2}(10^2 + 9^2)} = 215 \text{ back bottom}$$

$$\frac{10000 \times 67}{18 \frac{7}{8} \times 18 \frac{1}{4}} = 195 \text{ lbs main stays}$$

$$\frac{9000 \times 2.03}{9 \times 10} = 202 \text{ lbs secured stays}$$

$$\frac{9000 \times 2.355}{10 \times 11 \frac{3}{8}} = 196 \text{ lbs}$$

$$\frac{9900 \times 7^2 \times 2}{(28 \frac{1}{2} - 10) 9 \times 28 \frac{1}{2}} = 204 \text{ lbs girders}$$

$$\frac{50(500 \times 3 \frac{1}{2} - 84)}{404} = 181 \text{ lbs furnaces}$$

$$\frac{1075200 \times 4 \frac{1}{2}^2}{84 \times 404} = 187 \text{ lbs}$$

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