

J. Croons 125%
 Total — C 1750

Plate $\frac{7.25 - .96875}{7.25} = 86.6\%$

Rivets $\frac{1737 \times 5 + 1.75 \times 85}{1725 \times .84375} = 89.5\%$

Shell $\frac{22.36 (11\frac{1}{2}) 86.6}{136.5125} = 143.3 \text{ lbs}$

Front & Back
 tops $\frac{185 \times 19 \times 19}{\frac{1}{2} (24\frac{1}{2}^2 + 15\frac{1}{4}^2)} = 160.3$
 417

Tub plate
 .125 $\frac{140 (12 + 10)^2}{14.5^2} = 192 \text{ lbs}$

ce plates
 sides & tops $\frac{135 \times 11 \times 11}{\frac{1}{2} (12\frac{1}{8}^2 + 9\frac{1}{2}^2)} = 160.9 \text{ lbs}$
 101

50 Bricks $\frac{135 \times 12 \times 12}{\frac{1}{2} (11\frac{1}{4}^2 + 10\frac{1}{2}^2)} = 164 \text{ lbs}$
 118

13K Bricks $\frac{135 \times 14^2}{\frac{1}{2} (14\frac{3}{4}^2 + 10\frac{1}{2}^2)} = 161.4 \text{ lbs}$
 163

Girders $\frac{9900 \times 8^2 \times 1.75}{(27.5 - 7.5) 12\frac{1}{8} \times 27\frac{1}{2}} = 166 \text{ lbs}$
 20

Stirrups $\frac{50 (306 \times .625 - 60.875)}{38.75} = 163.5 \text{ lbs}$

Main stirrups $\frac{10000 \times 6.1}{24.5 \times 15\frac{1}{4}} = 163 \text{ lbs}$

1 7/8 Over stirrups $\frac{9000 \times 2.42}{12 \times 10\frac{1}{2}} = 160.2 \text{ lbs}$

1 3/4" 5 $\frac{9000 \times 2.1}{11\frac{1}{4} \times 10\frac{1}{2}} = 160 \text{ lbs}$

1078 5 $\frac{9000 \times 1.79}{12\frac{1}{8} \times 7.5} = 177 \text{ lbs}$



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