

MACCOLL & POLLOCK LD BLR No 254

$$\text{Rivets} - \frac{5 \times 1.35 \times 85 \times 175}{1.25 \times 9.187} = 87.6 \quad \left| \quad \text{Plate} = \frac{7.875}{9.187} = 85.7\right.$$

$$\text{Shell} \frac{22 \times 18 \times 85.7 \times 29.5}{198 \times 28} = 180$$

$$\text{Furnaces} \frac{50 \times (2342 - 74.75)}{44} = \frac{50 \times 159.4}{44} = 181$$

$$\text{CAs (sides)} \frac{135 \times 121}{\frac{1}{2}(9\frac{1}{2}^2 + 9^2) 85.5} = 191$$

$$\text{Screw stays} - \frac{8050 \times 1.43}{75.5} = 183$$

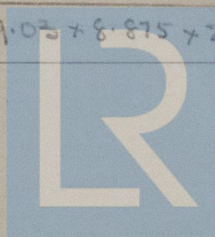
$$\text{Top ends} - \frac{175 \times 361}{\frac{1}{2}(19.625^2 + 17.625^2) 347.5} = 182$$

$$\text{Main stays} \frac{10400 \times 6.1}{346} = 183$$

$$\text{Backstays} \frac{135 \times 182}{\frac{1}{2}(12.75^2 + 4.875^2) 129} = 190$$

$$\text{WW spaces} \frac{140 \times 306}{182} = 235$$

$$\text{Girders} - \frac{10660 \times 472 \times 1.75}{19.03 \times 8.875 \times 27.06} = 192$$



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