

W866-0138

Reps J L Thompson & Son 40780
 & Clark Ld Nos 7924 793

Plate 84.96% Rib 88.5%

$$\frac{21 \times 17.75 \times 84.96 \times 28.5}{24 \times 183.53} = 182 \text{ lbs shell}$$

$$\frac{145 \times 2.5^2}{\frac{1}{2} (22.75^2 \times 19.5^2)} = 180 \text{ lbs } \square \text{ top shell ends}$$

$$\frac{140 \times 16.25^2}{140.25^2} = 183 \text{ lbs front tube plate}$$

$$\frac{135 \times 14^2}{\frac{1}{2} (14.25^2 \times 9.375^2)} = 182 \text{ lbs back bottom}$$

$$\frac{135 \times 12^2}{\frac{1}{2} (11\frac{1}{4}^2 \times 9\frac{3}{8}^2)} = 180 \text{ lbs @ chambers}$$

$$3\frac{1}{4} + 3\frac{1}{2} \text{ stays } \frac{7.22 \times 10000}{19 \times 19.5} = 193 \text{ lbs}$$

$$\frac{8.45 \times 10000}{22.75 \times 19.5} = 190 \text{ lbs stays}$$

$$\frac{2.711 \times 9000}{12.75 \times 9.375} = 190 \text{ lbs screw stays}$$

$$\frac{9900 \times 8.25^2 \times 1.75}{22 \times 9 \times 32} = 185 \text{ lbs girders}$$

$$50 \times (300.75 - 74.25)$$

40.5 © 2020-186
 furnace
 Lloyd's Register
 25.4-12-02
 Foundation