

Blumen 12.1

Plate 82.9. Pwts 86.4%

WP Shell

$$\frac{260 \times 82.9 \times 1.25}{168} = 164 \text{ lbs}$$

Main Shaft 8.3" = 2.78" diam at base

$$6.06 \times 9000$$

$$20 \frac{3}{8} \times 15 \frac{3}{8}$$

140 lbs.

Screw Shafts in C.C.

$$\frac{2.07 \times 7500}{9 \times 8 \frac{1}{2}}$$

203.

$$\text{backs } 176 \times 6000 = 160 \text{ lbs.}$$
$$8.25 \times 8$$

Flat plate in Stem Space

$$185 \times 19^2$$

$$20 \frac{3}{8}^2$$

160 lbs.

Flat plate in C.C.

$$135 \times 10^2$$

162 lbs.

$$9 \frac{1}{2}$$

Flat plates between tube nuts

$$140 \times (12 + \frac{12}{2})^2$$

220

$$14 \frac{1}{2}^2$$

Flat plate between Stay tubes

$$140 \times 12^2$$

203 lbs.

$$9 \frac{1}{2}$$

Flat plate on back end S.

$$135 \times (10 + \frac{10}{2})^2$$

173 lbs

$$13 \frac{1}{2}^2$$

Fire doors

$$9900 \times 82^2 \times 1.5$$

164 lbs

$$(32 - 9.125) 9.125 \times 32$$

Turnacles.

$$8800 \times 23$$

162 lbs

$$39 \times 32$$

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