

Leining & Fergusons N° 428.

Correction for Hopper.

$$\text{Length of hopper} = 5'.$$

$$\frac{5'}{170} = .335$$

$$w_p = \frac{4.6 \times 2.5 \times 2 \times 5'}{35} = 62 \text{ lbs}$$

$$L = \left[ \frac{1.5 \times 2.5 \times 2}{4.5} + \frac{(4.8 \times 1.5)}{2.7} \right] 5' \times \frac{1}{35}$$

$$= \frac{10.2 \times 5'}{35}$$

$$= 16.6$$

$$= \frac{16.6}{62} = \frac{16.6}{48.6}$$

$$\text{Avg} = 24\%$$

$$4\% = 18.85 \text{ lbs}$$

$$w_{\text{wage}} = \frac{2.4 \times .6}{2} \times 2 \times \frac{5'}{35} = 2.35 \text{ lbs}$$

$$\times 76\%$$

$$1.78 \text{ lbs}$$

$$18.85$$

$$1.78$$

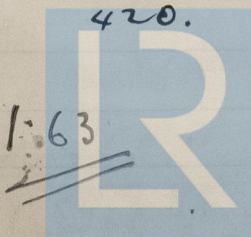
$$20.64$$

$$\text{Effective } \text{lb/m} = \frac{[170 \times 30.15 \times .854] - (5' \times 20.8)}{420}$$

$$= \frac{4345 - 1185}{420}$$

$$= \frac{3190}{420} = 7.6$$

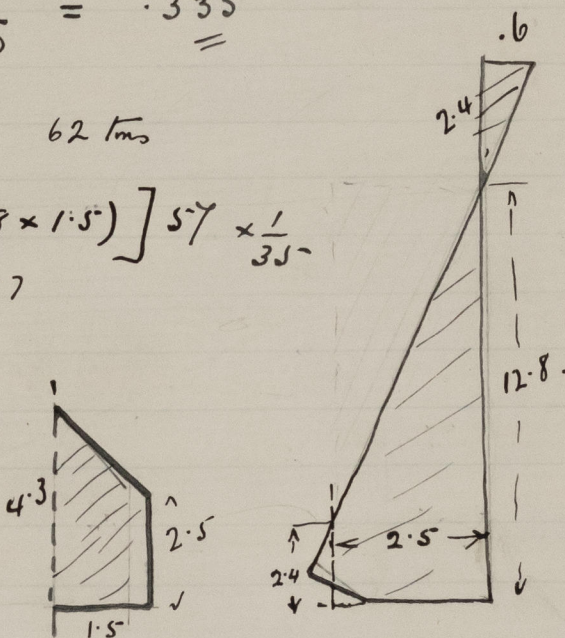
$$\frac{20.64}{7.6} \times \frac{6}{10} = 1.63$$



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$$\frac{12.8}{2.4} = \frac{2(15.2)}{7.6}$$