

$$\text{Thrust } 8'-0" \text{ opening} = \left[(20 \times \frac{8.33}{2}) - (\frac{1}{2} \times 4.17^2) \right] \times 45 \text{ psf} \times .707 = 2373 \#$$

$$\text{Thrust } 3'-4" \text{ opening} = \left[(20 \times \frac{3.67}{2}) - (\frac{1}{2} \times 1.84^2) \right] \times 45 \text{ psf} \times .707 = 1113 \#$$

T = thrust

