

$$P_1 = 30 \text{ psf} \times 3'6'' \text{ purlin spacing} \times 5' \text{ purlin span} = 525^\# \text{ SNOW LL}$$

$$P_2 = 10 \text{ psf} = 175^\# \text{ DL}$$

$$w = \text{say } 20 \text{ psf} \times 5 \text{ psf} = 100 \text{ plf}$$

$$20 \text{ psf} \times 10 \text{ psf} (\text{@ doors}) = 200 \text{ plf}$$

