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**Snow, Seismic, Wind & Frost Data**

**SNOW LOAD (Ground Snow Load)**

Ss = 110lbs/sq ft = 5.28 KPa

SR = 13.77 lbs/sq ft = SR = 0.66 KPa

Design loads to be reduced or increased as per the engineer's design manual regarding roof line, heights and construction.

**SEISMIC DATA**

2% probability of exceedance in 50 years (0.000404 per annum)

Sa(0.2)	Sa(0.5)	Sa(1.0)	Sa(2.0)	PGA (g)
0.621	0.464	0.279	0.155	0.280

**HOURLY WIND PRESSURES (90 mil/h gusts)**

q 1/50 = .559 K Pa

**FROST PENETRATION**

Frost Penetration where applicable  
 (site sensitive design parameter) = 24" = 61 cm