



## City of Sun Valley Site Specific Design Criteria

**Ground Snow Load:** 120 PSF

**Roof Snow Load:** Determined by engineer of record using ground snow load. Default minimum value shall be taken as 100 PSF

**Seismic Design Category:** D1

**Effective Seismic Weight:** To include 35% of the roof snow load as per local code amendment.

**Frost Line Depth:** 32"

**Subject to Damage from Weathering:** Severe

**Basic Wind Speed:** 103MPH

**Ice Barrier Underlayment on Roof:** Required minimum of 24" inside of exterior wall line of building

**Elevation:** 5945

**Latitude:** 44N

**Air Freezing Index:** 2000

**Mean Annual Temperature:** 40

**Winter Heating:** 70

**Summer Cooling:** 75

**Colling Temperature Difference:** 25

**Wind Velocity Heating:** 15

**Wind Velocity Cooling:** 7.5

**Coincident Wet Bulb:** 61

**Altitude Correction Factor:** 0.92

**Indoor Design Temperature:** 72

**Design Temperature Cooling: 75**

**Heating Temperature Difference: 90**

**Daily Range: H**

**Winter Humidity: 30%**

**Summer Humidity: 30%**