

# DESIGN CRITERIA FOR IRC STRUCTURES

Per BMC 15.10.070 (5)



**Ground and Roof Snow Loads:** 25 PSF

**Wind Speed:** 110 MPH

**Topographic Effects:** No

**Seismic Design Category:** D2

**Weathering:** Moderate

**Frost Line Depth:** 12 inches

**Termite:** Slight to Moderate

**Decay:** Slight to Moderate

**Winter Design Temperature:** 24°F

**Summer Design Temperature:** 83°F

**Ice Shield Underlayment Required:** No

**Flood Hazards:** See BMC 15.55

**Air Freezing Index:** 148°F – days Mean

**Annual Temperature:** 51.4°F Soil

**Bearing (assumed):** 1,500 PSF