

**Adopted Codes:** 2018 International Building Code (IBC)  
2018 International Fire Code (IFC)  
2018 International Swimming Pool and Spa Code (ISPSA)  
2018 International Existing Building Code (IEBC)  
2018 International Residential Code (IRC)  
2018 International Energy Conservation Code (IECC)  
2018 International Mechanical Code (IMC)  
2018 International Fuel & Gas Code (IFGC)  
2017 Idaho State Plumbing Code (ISPC)  
2017 National Electrical Code (NEC)

\* All codes listed are effective January 1, 2021 (local amendments also apply)

**General Design Guidelines** - if the information is not found below, refer to the adopted codes stated above for proper design methods to meet minimum compliance.

**Snow Load** - Ground snow loads = 20 psf and also determined by section 7, of ASCE 7, however the design roof load shall not be less than a uniform snow load of 25 psf. Roof Ice Barriers are not required.

**Floor Loads** - live load 40 psf, dead load 20 psf / total 60 psf or ASCE 7, Table 4-1 for conditions that would require a greater load

**Seismic Design-C Lateral Loads** - ASCE 7 and adopted IBC. Geotechnical report required

**Wind** - 100 mph risk occupancy II or less; 115 mph for risk occupancy III, or greater. Exposure category per IBC Section 1609.4

**Soil Properties** - Geotechnical report required for structures in seismic areas and for basements.

**Frost line** – Minimum 24 inches deep footings

**Weathering** - severe

**Exposure** - B

**Termite** - slight to moderate

**Decay** - slight to none

**Winter Design Temperature** - 10 degrees (f). Annual Mean Temperature - 51.1

**Floodplain Ordinance** - Refer to Title 10, Chapter 6, Meridian City Code, Flood Damage Prevention.

**Climate Zone** - 5B **Air Freezing Index** - 294 (National Climatic Data Center)