



BUILDING DEPARTMENT DESIGN CRITERIA

Climate Zone: 5

Seismic Design Category: C

Wind speed: 90 mph (115 mph 3 second gust)

Frost depth: 24" minimum

The design snow loads for roofs shall be determined using factors and methodology contained in the publication, [Ground and Roof Snow Loads](#) For Idaho by the University of Idaho, Moscow, ID 1986 and shall be site specific. [Interactive ID Snow Load map](#).

Prescriptive Roof Snow Load (for residential design only):

South of Miles Avenue 40 lbs per sq ft minimum

North of Miles Avenue – 50 lbs per sq ft minimum

Prescriptive Ground Snow Load (for residential design only):

South of Miles Avenue – 60 lbs per sq ft

North of Miles Avenue – 70 lbs per sq ft

Manufactured Home Snow Load: Must withstand a minimum of 40 pounds per square foot roof load.

Commercial Snow Load: designs shall be based on site specific ground snow load conditions and the requirements of the 2018 IBC.

Prescriptive Soil bearing capacity: 1500 psf (without soils investigation)

The City of Hayden adopted the following codes with City amendments and are in effect as of January 1, 2021. (City Code, [Title 9](#)

Building Regulations)

Please use this link to the [International Code Council Online Library](#). Then select edition year and specific code.

- International Building Code (IBC), 2018 edition
- International Existing Building Code (IEBC), 2018 edition
- International Residential Code (IRC) 2018 edition
- International Mechanical Code (IMC), 2018 edition
- International Fuel/Gas Code (IFGC), 2018 edition
- International Energy Conservation Code (IECC), 2018 edition
- International Fire Code (IFC), 2018 edition
- International Swimming Pool and Spa Code, (ISPSC), 2015 edition
- Accessible and Usable Buildings and Facilities, ICC A117.1-2009
- [Idaho Manufactured Home Installation Standard, State of Idaho Division of Building Safety. 1-2018](#)

FAQ:

- [2018 IBC Permit Code Sections](#)(When is a permit required? How long is it valid?)
- [Building Valuation Calculator](#)
- City of Hayden [Fee Schedule](#)
- [Cold Weather Concrete](#)
- [Hayden City Code](#)
 - **Fencing Information:** [Title 11, Chapter 4 :Fence, Walls and Hedges](#)
 - **Setback Information:** [Title 11, Chapter 2: Setback Information](#)
 - **Required Dedications & Frontage Improvements:** [Title 11, Chapter 4-7: Site Plan Standards](#)
- [HVAC Review Form](#)(ACCA Form)
- [International Code Council Online Library](#)