



Current Adopted Codes and Design Criteria

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BUILDING DIVISION

Current Adopted Codes	
2018 IBC	2018 IFC
2018 IRC	2018 IEBC
2018 IMC	2018 IECC with 2012 Amendments for Residential
2018 IFGC	2017 Idaho State Plumbing Code
2009 ANSI	2017 NEC (Electrical)
Design Criteria	
Roof Snow Load	40 psf
Ground Snow Load	56 psf
Wind Speed	Residential is 115 mph, 3 second gust Commercial is established by calculation
Exposure	B
Seismic Design Category	C
Weathering	Severe (see Ice Shield for roofs below)
Frost Line Depth	24 inches
Termite Damage	Slight to Moderate
Soil Bearing Capacity	1500 psf (without soils investigation)
Concrete	2500 psi (not exposed to the weather) 3000 psi (vertical exposed to the weather) 3500 psi (porches, slabs, steps, garage slabs)
Design Temperatures	
Mean Annual Design Temperature	45°
Winter	25°
Summer	63°
Summer Degree Range	40° (change)
Yearly Degree Average	50°
Heating Degree Days	6513
Cooling Degree Days	502
Average # of Clear Days	169
Air Freezing Index	1000
Ice Shield Underlayment is required because of occasional severe conditions, reference R905.1.2	
Other Design Information	
Latitude/ Longitude	47° North, 116° West
Elevation above sea level	2198 feet
Flood Hazard Information: (Municipal Code Chapter 15.44)	
Date City of Post Falls entered NFIP	August 17th, 1981
Date of currently adopted flood maps	February 17th, 1982 (FIRM maps)