



Columbia County Planning &
Building Department
114 South 2nd Street
Dayton, WA 99328
509-382-4676

RESIDENTIAL DESIGN REQUIREMENTS

Climatic and Geographic Design Criterion 2015 International Residential Code

	30 psf < 2,500 feet above mean sea level
Snow Load	> 2,500 feet above mean sea level as determined by Snow Load Analysis for WA
Wind Speed	110 MPH
Seismic Design Category	C
Weathering Probability for Concrete	Severe
Frost Line Depth	18"
Termite Potential	Slight to moderate
Winter Design Temperature	6°
Ice Barrier Underlayment Required	No
Flood Hazard	FIRM adopted 1988
Air Freezing Index	800
Climate Zone	5b
Insulation Requirements	Ceiling—49 Wood Frame Wall—21 or 13 + 10 Floor—30 Basement Wall and Crawl Space—15/19

The code first listed shall have priority over those latter listed:

International Building Code, Standards and amendments 2015 – WAC 51-50;
International Residential Code, Standards and amendments 2015 – WAC 51-51;
International Mechanical Code, Standards and amendments 2015– WAC 51-52;
International Fire Code, Standards and amendments 2015 – WAC 51-54A;
Uniform Plumbing Code, Standards and amendments 2015– WAC 51-56.