



**Garfield County**  
**Public Works**  
300 S. 19<sup>th</sup> Street  
PO Box 160  
Pomeroy, WA 99347  
509-843-1301

# **RESIDENTIAL DESIGN REQUIREMENTS**

## **Climatic and Geographic Design Criterion 2015 International Residential Code**

	30 psf < 2,500 feet above mean sea level
<b>Snow Load</b>	> 2,500 feet above mean sea level as determined by Snow Load Analysis for WA
<b>Wind Speed</b>	110 MPH
<b>Seismic Design Category</b>	C
<b>Weathering Probability for Concrete</b>	Severe
<b>Frost Line Depth</b>	18"
<b>Termite Potential</b>	Slight to moderate
<b>Winter Design Temperature</b>	6°
<b>Ice Barrier Underlayment Required</b>	No
<b>Flood Hazard</b>	FIRM adopted 1988
<b>Air Freezing Index</b>	800
<b>Climate Zone</b>	5b
<b>Insulation Requirements</b>	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.