



Adopted Codes

Effective July 1st, 2014

The City of Bellingham enforces the following International Codes, Washington State Amendments, and Washington Administrative Code (WAC), all as adopted in the Bellingham Municipal Code (BMC) Chapter 17.

2012 International Building Code (IBC) and Amendments – Chapter 51-50 WAC
2012 International Residential Code (IRC) and Amendments – Chapter 51-51 WAC
2012 International Mechanical Code (IMC) and Amendments – Chapter 51-52 WAC
2012 International Fuel Gas Code (IFGC) and Amendments – Chapter 51-52 WAC
2012 International Property Maintenance Code (IPMC)
2012 International Existing Building Code (IEBC)
2012 National Fuel Gas Code (NFPA 54) – Chapter 51-52 WAC
2011 Liquefied Petroleum Gas Code (NFPA 58) – Chapter 51-52 WAC
2012 Uniform Plumbing Code (UPC) and Amendments – Chapters 51-56, 51-57 WAC
2012 International Plumbing Code (IPC) (for buildings which are four stories or more in height and containing only class B occupancies as defined in the 1982 Uniform Building Code)
2012 International Energy Conservation Code (IECC) and Amendments – Chapter 51-11C & 51-11R WAC
2014 National Electric Code (NFPA 70) and Amendments - Chapter 296-46B WAC

The Construction Administrative Code set forth in BMC 17.10.020 replaces the administrative chapters of the above adopted codes.

2012 International Fire Code (IFC) and Amendments – Chapter 51-54 WAC

The IFC is adopted and amended per regulations set forth in BMC 17.20.

Structural Design Criteria

Seismic Design Category: D1 (IRC buildings); Site Class D (IBC buildings)

Wind Speed:	<u>IRC buildings</u>	<u>IBC buildings</u>
	90 mph	Risk Category I buildings - $V_{ult} = 100$ MPH Risk Category II Buildings - $V_{ult} = 110$ MPH Risk Category III, IV Buildings $V_{ult} = 115$ MPH

Exposure B*

Snow Load: 25 lbs/ft²-Ground and Roof

Rain: 2"/hour for roof drainage design

Soils: Per IRC Table R405.1, IBC Section 1804

Frost Depth: 18"

Maximum Allowable Soil Bearing Capacity: 2000 lbs/ft²**

Soil Classification Type: Group IV**

* Unless a greater value is required under site specific conditions

** Unless a site-specific soils report assigning a different soil group classification is submitted and approved.