



CITY OF WOODLAND

BUILDING & PLANNING DEPARTMENT

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The City of Woodland formally adopted the International Codes as of July 1, 2013

Applicable codes are as follows:

- 2012 International Building Code w/Washington Amendments*
- 2012 International Residential Code w/Washington Amendments*
- 2012 International Mechanical Code w/Washington Amendments*
- 2012 Uniform Plumbing Code w/Washington Amendments*
- 2012 Washington State Energy Code-effective January 1, 2013*
- ICC/ANSI A117.1 2009 Accessibility*
- 2012 International Fuel Gas Code*

The minimum design loads are as follows:

Ground Snow Load	Wind	Seismic	Subject to Damage				Winter Design Temp	Ice Shield Req	Flood Hazards	Air Freezing Index	Mean Annual Temp	Soil Bearing Pressure
			<u>Weather</u> Moderate	<u>Frost</u> 12" Min.	<u>Termite</u> Slight	<u>Decay</u> Moderate						
*30 PSF	See Chart Below	D-1					22 degrees	No	**3	250	50 degrees	1500 # unless noted otherwise by Geo-

* *Roof snow load shall be designed as a minimum 25 sf.*

** *Based on FEMA maps of local area*

Cell towers shall be designed to meet TIA-222-G standards using the following 2 analyses:

105 mph 3 second gust without ice (Annex B Table using footnote 1)

70 mph 3 second gust with 1.25" radial ice thickness (Figure A1-2d: Columbia River Basin Wind Speed with Ice and Design Ice Thickness.)

Wind Speed Table	
3-Second Gust Wind Speeds for the City of Woodland, Washington for Use with the 2012 IBC (ASCE 7-10) [Based Upon a 105 mph, 3-Second Gust Wind Speed under ASCE 7-05]	
Risk Occupancy Category (ASCE 7-10 Table 1.5-1)	3-Second Gust Wind Speed (rounded to the nearest 5 mph)
I	125 mph
II	135 mph
III and IV	140 mph
IRC Prescriptive Wind Speed*	105 mph

*Wind speed for IRC Prescriptive use only. Not to be used for Engineered Design with ASCE 7-10.