

City of Kirkland Design Criteria

Climatic and Geographic Design Criteria IRC Table R301.2(1)

ROOF & GROUND SNOW LOAD (PSF)	WIND SPEED (mph)	SEISMIC DESIGN CATEGORY	SUBJECT TO DAMAGE FROM				WINTER DESIGN TEMP	ICE SHIELD UNDER-LAYMENT REQUIRED	FLOOD HAZARD	AIR FREEZING INDEX	MEAN ANNUAL TEMP
			Weathering	Frost Line Depth	Termite	Decay					
25	85	D2	Moderate	12"	Slight to Moderate	Slight to Moderate	27°F	No	Per KMC 21.56	113	52.8°

- **Fire Apparatus: 68,000 lbs. maximum total vehicle weight (Ladder Truck)**
Axle Loading
20,000 lbs. front
27,000 lbs. rear
14,000 lbs. trailer

Codes adopted by City of Kirkland as of 7/1/06

- **International Building Code** issued by the International Code Council 2006 Edition (With WA State and COK amendments)
- **International Residential Code** issued by the International Code Council 2006 Edition (With WA State and COK amendments)
- **International Mechanical Code** issued by the International Code Council 2006 Edition (With WA St and COK amendments)
- **International Fire Code** issued by the International Code Council 2006 Edition (With WA St and COK amendments)
- **Uniform Plumbing Code** issued by the International Assn of Plumbing and Mechanical Officials, 2006 Edition (With WA St and COK amendments)
- **National Fuel Gas Code (NFPA 54)** issued by the International Code Council, 2006 Edition
- **Liquefied Petroleum Gas Code (NFPA 58)** issued by the National Fire Protection Association, 2004 Edition
- **International Fuel Gas Code** issued by the International Code Council, Inc., 2006 Edition
- **Uniform Housing Code**, issued by the International Conference of Building Officials, 1997 edition (With COK amendments)
- **Washington State Energy Code**, 2006 Edition
- **Washington State Ventilation and Indoor Air Quality Code**, 2006 Edition
- **Uniform Code for the Abatement of Dangerous Buildings** issued by the International Conference of Building Officials, 1997 Edition (With COK amendments)
- **National Electrical Code** issued by the National Fire Protection Association, 2005 Edition (With WA St and COK amendments)