

Victor Design Criteria

1 ADOPTED CODES

2012 International Building, Residential, Plumbing, Mechanical, Fuel Gas, Energy Codes, 2014 NEC. Please be aware of local amendments to the codes as listed in Ordinance #485 at this website location: http://cityofvictor.com/downloads/SKMBT_C28413112114450.pdf

2 WIND SPEED

Residential buildings shall be designed to a 90 mph wind speed per IRC Table R301.2 (1).

Commercial buildings shall be designed to the following wind speeds based on the risk category of the building as per 2012 IBC Table 1604.5:

105mph for Risk Category I

115mph for Risk Category II

120mph for Risk Category III

120mph for Risk Category IV

Exposure C is assumed for all areas unless you can prove that your location is in exposure B.

3 SNOW LOAD

Snow load for Victor is 40#/sq. ft.

4 SEISMIC ZONE

Seismic is Zone B

5 FROST DEPTH

Frost depth is 36". All foundations shall rest at or below that level, unless using a code approved exception.

Additions to an existing building shall use the same foundation type as existing, or have stamped and signed engineering for the different foundation type.

A soils test report is required from a qualified Geotechnical Engineer for new buildings, as per IRC R401.4 and IBC 1803.1 and the foundation plans shall use that report for their design.