

**HUMBOLDT COUNTY BUILDING DEPARTMENT
CITY OF WINNEMUCCA BUILDING DEPARTMENT
DESIGN CRITERIA
2012 INTERNATIONAL BUILDING CODE
2012 INTERNATIONAL RESIDENTIAL CODE**

Frost Depth – 24”

Wind Load

IRC - 90 mph fastest mile/105 mph 3-second gust, Exposure C

IBC – 90 mph Vasd nominal design wind speed/115 mph Vult ultimate design wind speed; Exposure C

Seismic Zone

IRC – D1

IBC - D

Roof Load – 20 lb live load (or calculate as required by IBC requirements, Section 1607)

Ground Snow Load

Up to 5,000 ft. elevation – 5 lb roof load

Over 5,000 ft. elevation – 10 lb roof load

Soil Classification – 2012 IBC Table 1804.2

General (City and County – See exception below) – 2,000 psf

SW, SP, SM, GM and GC – Sand, silty sand, clayey sand, silty gravel, and clayey gravel

Other Areas – North (Denio/Virgin Valley); Sand Dunes Area (Artemesia, Delaney, Lambert) – 1,500 psf

CL, ML, MH, and CH – Clay, sandy clay, silty clay, clayey silt, silt and sandy silt

Note: Geotechnical reports may be required on commercial or large residential projects to determine soil capacity.

Construction documents shall contain the following and comply with Chapter 16 of the 2012 International Building Code

1. Floor and roof live loads
2. Ground snow loads
3. Basic wind load per hours
4. Earthquake design data (IBC Section 1603.1.5) Required regardless if other loads govern.
5. Flood zone- if applicable
6. Special loads
7. Indicate importance factors – Table 1604.5
8. Dead load
9. Concentrated loads – Table 1607.1
10. Reducible loads – Table 1605.3.1.1