

Design Criteria

Current California Code of Regulations Title 24

- 1997 Uniform Housing Code
- 1997 Uniform Code for the Abatement of Dangerous Building

Seismic Design

See CBC Section 1613 and ASCE 7-05 Chapter 11. Use Google, [Batch Geocode](#) (or other source) to determine site specific longitude and latitude. Use [USGS website](#) or NEHRP disk to determine S_1 and S_s .

Wind Design

Basic Wind Speed (fastest mile) 80 miles per hour. Basic Wind Speed (3-second gust) 95 miles per hour. Importance factor, exposure and topographic features are site and project specific. See ASCE 7-05, Chapter 6.

Soil and Foundation

Foundation and soils investigation and reports are normally required CBC 1802(2).

Frost Depth

Minimum 12" below finished grade.

Snow Loads

The following Snow Loads are for City Limits of Mt. Shasta: Ground Snow 86#psf; Residential Live Roof Load 60#psf; Commercial Live Roof Load 70#psf.

Climate Zone

Climate Zone 16.