



Development Services Department  
Building Inspection  
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## Building Safety Design Criteria

**CODES:** 2019 California Building Standards Code (California Code of Regulations, Title 24):

- California Building Code (CBC), Part 2, Volumes 1 and 2
- California Residential Code (CRC), Part 2.5, including:
  - Appendix H, Patio Covers
- California Electrical Code of the California Code (CEC), Part 3, *with City of Roseville amendments*.
- California Mechanical Code (CMC), Part 4.
- California Plumbing Code (CPC), Part 5.
- California Energy Code (CEC), Part 6.
- California Historical Building Code (CHBC). Part 8.
- California Fire Code (CFC), Part 9, *with City of Roseville Amendments (RFC)*.
- California Existing Building Code (CEBC), Part 10.
- California Green Building Standards Code (CGBSC), Part 11.

2018 Uniform Swimming Pool, Spa and Hot Tub Code (USPSHTC), published by IAPMO.

**SNOW LOADS:** Ground Snow Load - Zero

**WIND:** CBC Basic Wind Speeds: 88 mph for Risk Category I; 95 mph for Risk Category II; 101 mph for Risk Category III; and 105 mph for Risk Category IV.

CRC ultimate wind speed = 110 mph

Exposure Category – C, unless site complies with exposure B

**RAIN LOADS:** 1 ½" per hour (100-year, 1-Hour Rainfall)

**SEISMIC:** Unless otherwise justified by analysis, all buildings and non-building structures within the City limits are assigned to Seismic Design Category (SDC) D, except as follows:

- a. SDC C is allowed for residential buildings permitted and constructed under the CRC.
- b. SDC C is allowed for low-rise, wood-framed buildings permitted and constructed in accordance with the prescriptive (non-engineered) Conventional Light-Framed Construction provisions of CBC 2308.

Soil Site Class D shall be assumed for all sites per CBC 1613.2.2 unless otherwise justified by a registered design professional and/or geotechnical report.

**SOIL BEARING PRESSURE:** Allowable Foundation - 1500 psf without a Soils Report  
Allowable Lateral – 100 psf/ft without a Soils Report

**CLIMATE ZONE:** Zone 11

**SANITARY FACILITIES:** 2016 CPC Chapter 4, Table 422.1, Table A, Table 4-2, Table 4-3 & Table 4-4.