



The design criterion for development in the City of San Marcos for project permit applications submitted on or after January 1, 2023, shall be based on the 2022 California Building Codes. The design criteria are minimum standards and must be supported by structural calculations and geotechnical reports when used in the design of structures built within the city.

Adopted Codes

- 2022 California Administrative Code (CAC); Part 1, Title 24, CCR.
- 2022 California Building Code (CBC); Part 2, Volume 1 and 2, Title 24, CCR.
(Based on 2021 International Building Code)
- 2022 California Residential Code (CRC); Part 2.5, Title 24, CCR.
(Based on 2021 International Residential Code)
- 2022 California Electrical Code (CEC); Part 3, Title 24, CCR.
(Based on 2020 National Electrical Code)
- 2022 California Mechanical Code (CMC); Part 4, Title 24, CCR.
(Based on the 2021 Uniform Mechanical Code)
- 2022 California Plumbing Code (CPC); Part 5, Title 24, CCR.
(Based on the 2021 Uniform Plumbing Code)
- 2022 California Energy Code (CEnC); Part 6, Title 24, CCR.
- 2022 California Historical Building Code; Part 8, Title 24, CCR.
- 2022 California Fire Code; Part 9, Title 24, CCR.
(Based on the 2021 International Fire Code)
- 2022 California Existing Building Code; Part 10, Title 24, CCR.
(Based on the 2021 International Existing Building Code)
- 2022 California Green Code; Part 11, Title 24, CCR.
- 2022 California Referenced Standards Code; Part 12, Title 24, CCR.
- 1997 Uniform Housing Code.
- 1997 Uniform Code for the Abatement of Dangerous Buildings.

Seismic Design

- Seismic design Category "D" for occupancy Categories 0, I, and II.
- Seismic Design Category "E or F" for Category IV as determined.
- Seismic Design coefficients and factors per ASCE Std. 7-05, Tab. 12.2-1.
- Assume site soil Class "D" unless indicated otherwise in a soils report.

Wind Design

- Basic wind speed 110 mph at 3-second gust.
- Basic wind pressure 13 psf.
- Exposure "C" for most areas; analyze exposure next to lake areas.
- Rainfall 3-inches per hour for design of roof drains.

Energy

- Primarily Climate Zone 10, confirm by checking the website below, as climate zones can change.
- <https://www.energy.ca.gov/programs-and-topics/programs/building-energy-efficiency-standards/climate-zone-tool-maps-and>

High Fire Severity Areas

- Wildland Urban Interface Areas require additional fire protection including a fire wise study.