2019 CALIFORNIA BUILDING CODE DESIGN CRITERIA

Effective 1/1/2019 the City of West Sacramento adopted the 2019 California Building Code, Title 24 of the California Code of Regulations. The following are building design guidelines enforced by the City of West Sacramento Building Division.

Building Design Criteria

2019 California Mechanical Code (based on the 2015 Uniform Mechanical Code)
2019 California Plumbing Code (based on the 2018 Uniform Plumbing Code)
2019 California Electrical Code (based on the 2017 National Electrical Code)
2019 California Fire Code (based on the 2015 International Fire Code)
2019 California Energy Standards
2019 California Residential code (based on the 2018 International Residential Code)
2019 California Green Building Code (CALGreen)
2019 California Existing Building Code, Part 10
2019 California Historical Building Code, Part 8
2019 California Referenced Standards Code, Part 12
The International Property Maintenance Code, 2018 edition

Structural Design Criteria

Wind Loads: Wind loads on every building shall be determined in accordance with Chapters 26 to 30 of ASCE 7. The type of opening protection required, the basic design wind speed, V, and the exposure category for a site is permitted to be determined in accordance with Section 1609, 2019 California Building Code, or ASCE 7.


Live Loads: See 2019 California Building Code Section 1607 A

Energy Design: Climate Zone 12

Rainfall: 3-in per hour in a 100-yr storm

Reroofs: Roof nailing spacing 6/12 typical. Nail to penetrate sheathing a minimum of 3/4-in.

Gas test: 10 lbs. for 15 minutes – Residential
Test duration shall not be less than ½ hour for each 500 ft³ of pipe volume or fraction thereof - Commercial