B MINIMUM BUILDING DESIGN CRITERIA

CITY OF STOCKTON

COMMUNITY DEVELOPMENT DEPARTMENT – BUILDING & LIFE SAFETY DIVISION
501 W WEBER AV BLDG 2, STOCKTON, CA 95203 • (209) 937-8561 • www.stocktonca.gov/building

Applicable Construction Codes:

2025 versions of the Building, Residential Building, Electrical, Mechanical, Plumbing, Energy, Historical Building, Fire, Existing Building, and Green Building Standards Codes as adopted by the State of California with local amendments, in addition to the Stockton Municipal Code.

Free online versions of California Building Standards Code can be found on the Building Standards Commission website: https://www.dgs.ca.gov/BSC/CODES

Residential Design Criteria (CRC Table R301.2):

GROUND SNOW LOAD	WIND DESIGN				SEISMIC DESIGN CATEGORY
	Speed* (mph)	Topo Effects	Special Wind Region	Windborne Debris Zone	
0	95	No	No	No	**D_1 or D_2

* Provided print out from ASCE Hazard Tool (https://ascehazardtool.org) can be used in lieu of stated wind speed.
** Verify with ASCE Hazard Tool and CRC Table R301.2.2.1.1

SUBJECT TO DAMAGE FROM			ICE BARRIER UNDERLAYMENT REQUIRED	FLOOD HAZARDS	AIR FREEZING INDEX	MEAN ANNUAL TEMP
Weathering	Frost Line Depth	Termite				
Negligible	N/A	Very Heavy	No	Yes – See below	2	60.0

Soil Bearing Pressure:

- East of Interstate 5 – Use 1,500 psf per CRC Table R401.4.1.
- West of Interstate 5 – Use 1,000 psf or provide a geotechnical report verifying a higher bearing capacity.

Commercial Design Criteria:

- **Seismic** – Design Category D.
- **Wind** – Exposure C unless site complies with definition for Exposure B of CBC 1609.4.3.

BUILDING RISK CATEGORY (CBC 1604.5)	WIND SPEED – MPH* (CBC 1609.3)
I	90
II	95
III	100
IV	105

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- **Soils** – A current geotechnical investigation (soils report) is required for all new buildings in accordance with CBC 1803. A prior soils report or a report from the immediately surrounding area may be considered, subject to approval by the Building Official, if the report is less than 3 years old. Allowable soil bearing capacity without a soils report may be used for small additions, renovations, or minor structures (e.g. sheds, fences, utility structures, etc.) in accordance with the following:
  - East of Interstate 5 – Use 1,500 psf per CBC Table 1806.2.
  - West of Interstate 5 – Use 1,000 psf or provide a geotechnical report verifying a higher bearing capacity.

Other Design Criteria:

- **Energy** – Climate Zone 12 (CEnC Fig. 100.1-A).
- **Rainfall** – 2" per hour for roof drainage design (SMC 15.16.020D).

Floodplain Design Criteria:

Projects in the city may be subject to one or both regulated floodplains, the 100-year floodplain (federal) and/or the 200-year floodplain (state). For more information about development in a floodplain, visit the city's Flood Information webpage.