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## BUILDING DESIGN CRITERIA

### Current Codes

- ✓ 2019 California Residential Code
- ✓ 2019 California Mechanical Code
- ✓ 2019 California Plumbing Code
- ✓ 2019 California Electrical Code
- ✓ 2019 California Fire Code
- ✓ 2019 California Energy Standards
- ✓ 2019 California Green Building Standards Code
- ✓ 2019 California Building Code

### Wind/Seismic/Climate Zones

- ✓ Minimum Soil Bearing Capacity: 1500 PSF (without a soils report)
- ✓ Live Loads: 2019 CBC Table 1607.1
- ✓ Seismic Design: Category D Site Class D
- ✓ Climate Zone: 11
- ✓ Rainfall: 1.5" per hour max
- ✓ Wind Exposure: C (Exposure B may be used with site verification and letter from the Project Engineer)
- ✓ Wind Speed: 85 mph, 95 mph, 101 mph depending on risk category (based on 3-second gust).

3 second gust:

<u>Risk Category</u>	<u>Speed (mph)</u>
I	85
II	95
III	101