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# **BUILDING REQUIREMENTS**

## **COMMERCIAL PROJECTS**

*Effective: July 1, 2016 (and as updated on July 1, 2023)*

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<b>Reference Building Codes:</b>	2015 IBC, IFC, IFGC, IMC, IPC and 2018 IECC
<b>Setbacks:</b>	Check subdivisions and zone district for setback requirements.
<b>Snow Load:</b> <i>(Measured at Roof, not Ground!)</i>	40 PSF Up to 7000 ft. elevation 50 PSF 7001 – 8000 ft. elevation 75 PSF 8001 – 9000 ft. elevation 100 PSF 9001–10000 ft. elevation
<b>Roof Load (Wood):</b>	Load Duration = 1.0
<b>Seismic Design Category:</b>	B or C – See IBC, Chapter 16
<b>Weathering Probability for Concrete:</b>	Severe
<b>Termite Infestation Probability:</b>	None to slight
<b>Wind Speed:</b>	115 mph (Ultimate Design)
<b>Wind Exposure:</b>	B or C – See IBC, Chapter 16
<b>Frost Depth:</b>	36 inches – Up to 8000 ft. elevation 42 inches – Over 8000 ft. elevation
<b>Winter Design Temperature:</b>	Minus 2 – Up to 7000 ft. elevation Minus 16 – Over 7000 ft. elevation
<b>Air Freezing Index:</b>	2500° F-days to 7000 ft. elevation  Over 7000 ft. as determined by Building Official
<b>Ice Shield Underlayment at Roof:</b>	Required
<b>Mean Annual Temp:</b>	Variable
<b>Insulation:</b>	For insulation requirements at building envelopes & fenestration criteria, refer to IECC (2018), Sec. 402 and Table C402.1.3

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