

Design Criteria

Type	Requirements
Multifamily and Commercial	Design per IBC 2021
One and Two Family Dwellings	Design per IRC 2021
Seismic Zone	Residential: "A" Multi-Family and Commercial: use Code Central Seismic Design Parameters version 3.10
Wind Load - Exposure "C" (3-second gust in miles per hour)	Risk Category I: 102 MPH Risk Category II: 108 MPH Risk Category III: 116 MPH Risk Category IV: 120 MPH
Foundation Depth	36 in. frost depth - to top of footings
Roof Snow Load	Minimum design roof snow load after allowed reductions shall be 36 psf For drift / unbalanced loading: $P_g = 42$

International Energy Conservation Code 2021 (IECC)

Climate Zone 6B

Structure	Default Values
Ceilings	R - 49
Walls	R - 21 or R - 13 + 5 Continuous
Floor over unheated space	R - 30
Crawl Space walls	R - 15 - Continuous R - 19 - Framed
Basement walls	R - 15 - Continuous R - 19 - Framed
Windows	U - 0.30