

Design Criteria

1. Wind Speed – (IRC) 85 mph basic wind speed (IBC) See Section 1603.1.4
2. Exposure – assumed to be C unless location complies with definition
3. Ground snow load – 30 psf
4. Roof snow load – 30 psf min.
5. Footing depth – minimum of 36 inches to bottom of footing
6. Seismic Design – Category B
7. Weathering – Severe
8. Termite – Slight to moderate
9. Winter design temperature – 1°F
10. Ice barrier requirement – not required
11. Air-Freezing index – 1500
12. Mean annual temperature – 50°F

Adopted Codes*

1. 2021 International Building Code
2. 2021 International Residential Code
3. 2021 International Plumbing Code
4. 2021 International Mechanical Code
5. 2021 International Fuel Gas Code
6. 2021 International Energy Conservation Code
7. 2021 International Existing Building Code
8. 2021 International Fire Code
9. 2020 National Electric Code
10. ICC A117.1-2017 Accessible and Usable Buildings and Facilities

* Current codes are effective June 1, 2023