

## Design Criteria

1. Wind Speed – (IRC) 90 mph three second gust (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
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 – 45°F
13. Minimum plan size 22 x 34, Maximum plan size 30 x 36

## Adopted Codes\*

1. 2015 International Building Code
2. 2015 International Residential Code
3. 2015 International Plumbing Code
4. 2015 International Mechanical Code
5. 2015 International Fuel Gas Code
6. 2015 International Energy Conservation Code
7. 2015 International Existing Building Code
8. 2015 International Fire Code
9. 2014 National Electric Code
10. ICC A117.1-2009 Accessible and Usable Buildings and Facilities
11. ASME A17.1-2007 Safety Code for Elevators and Escalators

\* Current codes are effective September 6, 2016