



## Design Standards & Adopted Construction Codes

| <i>Design Element</i>                     | <i>Minimum Requirement</i>           |
|---|--------------------------------------|
| Ground Snow Load                          | 64 PSF                               |
| Roof Snow Load                            | 40 PSF                               |
| Wind Speed (3-second gust)                | 115 mph-Res., 115 mph Ultimate-Comm. |
| Seismic Design Category                   | B                                    |
| Weathering Damage                         | Severe                               |
| Frost Line Depth                          | 30 inches                            |
| Termite Infestation Probability           | Slight to Moderate                   |
| Winter Design Temperature                 | 10 degrees F                         |
| Ice Barrier Underlayment Required (roofs) | Yes                                  |
| Flood Hazards FEMA map dates              | February 1980, Revised April 2002    |
| Air Freezing Index                        | 960                                  |
| Mean Annual Temperature                   | 47 degrees F                         |
| Wind Exposure                             | B                                    |

### Adopted Construction Codes

- 2018 International Building Code
- 2018 International Existing Building Code
- 2018 International Residential Code
- 2018 International Energy Efficiency Code w/ 2009 amendments for Residential
- 2015 Uniform Plumbing Code
- 2017 National Electrical Code
- 2018 International Fuel Gas Code
- 2018 International Mechanical Code
- 2012 International Property Maintenance Code
- 2018 International Fire Code
- 2009 ICC/ANSI (ADA) A117.1
- S+ASCE/SEI 7-05