



## **Required Design Criteria for Building Permits:**

### **Design Criteria & Adopted Codes**

#### **Engineering Design**

- Seismic: D-2
- Roof Snow Load: 30 psf
- Ground Snow Load: 43 psf
- Wind Speed: 115 mph (Conventional Construction) ASCE 7-10 (Non-Conventional)
- Exposure: B (Residential), C (Commercial)
- Frost Depth – 30 inches
- Allowable Soil Bearing Pressure: 1,500 psi

#### **Adopted Codes\* (Effective July 1, 2019)**

- 2018 International Building Code, (Including Appendix J)
- 2015 International Residential Code (Appendix Q of the 2018 IRC)
- 2018 International Plumbing Code
- 2018 International Mechanical Code
- 2018 International Fuel Gas Code
- 2018 International Fire Code
- 2017 National Electrical Code
- Residential provisions of the 2015 International Energy Conservation Code
- Commercial provisions of the 2018 International Energy Conservation Code
- 2018 International Existing Building Code
- Accessibility Code – 2018 International Building Code (ICC/ANSI A117.1-2009)

**\*State Construction Code & Amendments – [Click Here](#)**