CURRENT CODES

RESIDENTIAL: **2019 Residential Code of Ohio (RCO)** *(Based upon the 2018 International Residential Code)*.

**Referenced Standards:** including, but not limited to, the following:
- **2018 IECC:** *International Energy Conservation Code (IECC)* or *(RCO chapter 11)*.
- **2018 IFGC:** *International Fuel-Gas Code (IFGC)*.
- **2017 NFPA 70:** *aka National Electrical Code (NEC)*.
- **2017 OPC** *Ohio Plumbing Code (OPC)*; enforced by the County Health Department.

**Useful Information:**
- Frost Depth: 32-inches.
- Snow Load: 20-psf (ground).
- Wind Load: 90-mph. *(7/1/19: 115-mph Vult)*


**Referenced Standards:** including, but not limited to the following:
- **2010 ASHRAE 90.1:** *Energy Standard for Buildings except Low-Rise Residential Buildings*.
- **2009 ICC A117.1:** *Accessible and Usable Buildings and Facilities*.
- **2012 IECC:** *International Energy Conservation Code*.
- **2015 IFGC:** *International Fuel-Gas Code*.
- **2016 NFPA 13:** *Standard of the Installation of Sprinkler Systems*.
- **2017 NFPA 17A:** *Standard for Wet-Chemical Fire-Suppression Systems*.
- **2017 NFPA 70:** *National Electrical Code aka (NEC)*.
- **2016 NFPA 72:** *National Fire Alarm Code*.
- **2015 NFPA 99:** *Health Care Facilities*.
- **2017 OMC:** *Ohio Mechanical Code (Based on the 2015 IMC)*.
- **2017 OPC:** *Ohio Plumbing Code (Based on the 2015 IPC)*; enforced by the County Health Department.
- **2017 OFC:** *Ohio Fire Code (Based on the 2015 IFC)*.

**Useful Information:**
- Frost Depth: 32-inches.
- Snow Load: 20-psf ground.
- Wind Loads: Section 1609; ASCE 7-10 is now based upon ultimate design wind speed values, similar to seismic loading.
  - Risk Category I: Vult = 105 mph.
  - Risk Category II: Vult = 115 mph.
  - Risk Category III & IV: Vult = 120 mph.
- Seismic Loads: Spectral Response: $S_s = 0.166 / S_I = 0.071$. 