



# CITY OF AVON

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## Adopted Building Codes ~ Avon Building Department

### **Commercial & Residential Multi-Family – 4 Family (+) Buildings**

#### 1) Building / Mechanical Code: 2017 OHIO BUILDING CODE based on 2015 IBC

- 2017 Ohio Plumbing Code – Based on 2015 IPC
  - 2017 Ohio Mechanical Code – Based on 2015 IMC
  - 2017 National Electric Code (NEC) – NFPA 70-17
  - 2015 International Fuel Gas Code
  - Accessibility – Chapter 11 OBC with current amendments & ICC/ANSI A117.1-2009
  - 2012 International Energy Conservation Code ASHRAE 90.1-2010
  - 2016 National Fire Alarm Code (NFPA 13-16)
  - 2009 International Fire Code
  - OBC – Residential Code of Ohio (RCO) effective 1/1/13 (2013 RCO)
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- a) Ground snow load – 20 psf
  - b) Required wind speed – 90 mph – values are nominal design 3-second gust wind speeds  
In miles per hour @ 33' (10m) above ground for Exposure C category
  - c) Frost Depth 42”

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### **Residential – One, Two and Three Family Dwellings**

2019 Residential Code of Ohio (RCO) effective 7/01/2019 (RCO) with latest amendments/updates as issued by the State of Ohio Board of Building Standards

- 2017 Ohio Plumbing Code
- 2017 Ohio Mechanical Code
- 2017 National Electric Code (NEC) – NFPA 70-11
- 2009 International Fuel Gas Code
- 2010 National Fire Alarm Code (NFPA 13-10)
- 2010 Installation of Sprinkler Systems (NFPA 13, 13D, 13R-10)
- 2018 International Energy Conservation Code (and other options per code)
- OBC – Residential Code of Ohio (RCO) effective 7/01/2019 (2019 RCO)

*Most of the codes listed are available for purchase from ICC at [www.iccsafe.org](http://www.iccsafe.org)*  
Portion of the OBC 2011& RCO 2019 are available to view on the State of Ohio website  
go to Ohio.gov – Board of Building Standards