

**COMMON SECOND ROUGH PLUMBING CODE VIOLATIONS**  
APPLICATIONS GOVERNED BY 2011 OHIO PLUMBING CODE

**I. SECOND ROUGH PLUMBING ROUGH-INS**

- A. Not providing the properly sized **Cleanouts** at the base of each soil or waste stack **Sec. #'s 708.3.4, & 708.7**
- B. Failure to maintain the **vertical** alignment of piping preventing undue stress and strain  
**Sec. #'s 305.3, 308.7, & table 308.5**
- C. Failure to maintain proper uniform pitch or grade of fall for all **horizontal** piping  
**Sec. #, & table # 704.1**
- D. Protecting the entire plumbing system from **physical damages** in and out of concealed spaces. **Sec. #'s 305.8, 307.1, 307.2, & 307.3**
- E. Not installing the proper fittings for **changes of direction**, and fixtures located back-to-back. **Sec. #, & table 706.3**
- F. Failure to size the waste piping according to the **dfu's** (drainage fixture units) value required **Sec. #'s, & table #'s 709.1, 709.2**
- G. Failure to maintain the required horizontal plane from the connection of **fixture drains** extending from the **horizontal fixture branch** without individual venting those fixtures not in compliance when installing the following venting systems:  
**wet vent (909.1), combination drain and vent (912.1), circuit vent (911.1)**  
**Sec. #, & table 906.1**
- H. Installing non-approved fixtures in various venting systems other than those fixtures specified and restricted in the following venting methods:  
**Sec. #'s 908.1 (common vent),**  
**909.1 (wet vent)**  
**910.1 (waste stack vent)**  
**912.1 (combination drain and vent)**  
**913.1 (island fixture vent)**
- I. Making connections for **floor drains**, or **fixture drains** within the required distance from the base of a soil or waste stacks **without providing a relief vent**, individual vent, or providing a vent on the horizontal branch  
**Sec. #'s 704.3, & 912.2.2**

- J. Providing compatible solid hard caps and solid capped water closet floor flanges for all **future fixtures**, along with permanent identification of the **vent** or connection of the vent serving those fixtures  
**Sec. #'s 710.2, 905.6**
- K. Failure to maintain the **maximum developed length of the fixture traps from point of vent** **Sec. #, & table # 906.1**
- L. Exceeding the restrictions of **maximum developed length** requirements for various venting applications  
**Sec. #'s & tables #'s 916.1, 916.2**
- M. Installing the **main vent required** most directly from the building drain through the roof to the open air.  
**Sec. # 903.1**
- N. Installing **two handle tub/shower valves** with an automatic safety-mixing device to prevent sudden unanticipated temperature changes.  
**Sec. # 424.4**
- O. Failure to have the entire second rough plumbing system under the required **test**, procedures compliant with the **O.P.C**  
**Sec. #'s 312.1, 312.2, 312.3 (drain and vent system)  
312.5 (water supply system)**
- P. Maintaining the minimum required distance of **vent terminal (VTR)** from doors, windows, exhaust, air intake, or ventilation systems, openings or adjacent buildings **(implementing the 10'-0" (ten foot rule)**  
**Sec. # 904.5**
- Q. Causing a sub-standard condition by cutting, drilling or notching structural components within the building compromising the structural integrity for the installation of piping  
**Sec. # 307.2**
- R. **Last but not least, the importance of the plumbers' role in our society, "who is dependant upon this professionals", knowledge, understanding, and practice of good plumbing ethics by maintaining vigilance and awareness and conscience of the INTENT of the code, and reasons for it's establishment and by implementing founded standards for the sole purpose to;**

**"To Protect the Health of the Public"**

**OHIO PLUMBING CODE AND THE OHIO ADMINISTRATIVE CODE)  
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