

**COMMON UNDERGROUND PLUMBING CODE VIOLATIONS**  
APPLICATIONS GOVERNED BY THE 2011 OHIO PLUMBING CODE

**I. UNDERGROUND ROUGH-INS**

- A. Properly **supporting** the building drain and branches in its entirety with acceptable and approved material.  
**Sec.#'s 306.2 & 306.3 with all sub sections inclusive**
- B. Uniform **pitch** or **grade** of fall per lineal foot.  
**Sec.# 704.1, & Table # 710.1(1)**
- C. Properly securing the underground plumbing system to maintain alignment, prevent movement or floatation.  
**Sec.#'s 306.1, # 306.2 w/ all sub sections inclusive**
- D. Exposure of under footer or through footer pipe **sleeves** for visual observation at the time of inspection.  
**Sec.#'s. # 305.2, # 305.3, # 305.4, # 305.5**
- E. Failure to extend the **building drain** piping a minimum of 30" outside of the building wall before making the connection to the building sewer.  
**Sec.# 202 Definitions**
- F. Properly making the **transition** between the **building drain** and the **building sewer** with approved adapter material.  
**Sec. # 202 Definitions, Sec. #'s. # 303.1, # 303.2, # 303.3 & 707.1 inclusive**
- G. Properly **sizing** the **building drain** or **branches** for the required fixture unit load values (**dfu's**).  
**Sec. 710.1 & Table # 710.1(1)**
- H. Providing proper **backfill** and compaction procedures to ensure further **protection** and potential settlement to prevent under slab voids.  
**Sec.#'s. # 306.3 & 306.4**
- I. Failure to have the system under proper **test** in compliance with the **O.P.C.** requirements.  
**Sec. #'s 312.1, 312.2, 312.3, 312.5, & 312.8**
- J. Omitting the installation of **Cleanouts** where required.  
**Sec. # 708.3 inclusive**
- K. Installing the proper fittings required for **Changes of Direction**, and back-to-back fixtures.

**Sec. # & Table # 706.3, & table 706.3**

- L. Use of improper joining material with plastic welded **joints** for ABS, or PVC plastic drainage pipe and fittings.

**Sec. 705.2 inclusive, & 705.14 inclusive**

**Referencing Oatey Mfg. Products, - it is unacceptable to apply only Cleaner, and Cement as a two step joining process, you must use a primer which complies with ASTM F 656 standard for two step application.**

- M. Failure to provide a **relief vent** for protection of isolated "Floor Drains", unless other means of venting is provided through an approved venting method incorporating the "Floor Drain".

**Sec.# 901.2, & sub sec. 901.201**

- N. Failure to maintain liquid **trap seals** by means of a **trap primer**, indirect connection of an approved fixture, or device to satisfy this requirement.

**Sec. # 1002.4**

**Trap primers shall be installed in accordance with the manufacture instructions! Sec. # 303.2**