

# **GIS Common Code Violations**

## **General**

- Starting construction project without a permit
- Approved plans, sign off sheets and building permit not on site
- Plan changes without notifying building code official
- Not giving inspector proper notice for inspection or calling for final
- Not repairing a code violation when directed to do so

## **Foundation**

- Sleeves not placed under footer for water and sewer utility lines
- Inadequate sub-base or fresh fill not compacted properly
- Footing not below frost line depth
- Rebar not installed as per plan
- Mud and water running in footer
- Masonry wall not rodded and poured as per code
- Anchor bolts not properly installed- spacing or embedment
- Beam pocket not poured solid

## **Framing**

- Support columns spaced too far apart
- Splice in double top plates too close
- Nail plate shields not in place for protection of pipe or wiring
- Improper notching or boring of joists or wall members
- Trusses altered in field
- Trusses, girders or support hangers not braced or fastened as per truss specification instructions
- Fireblocking or draftstopping not installed.
- Nailers not provided at all sheathing panel ends.

## **Plumbing**

- No arrangement made for plugging sanitary sewer for testing
- Improper bedding or slope of piping
- Improper usage of sanitary tees - lying on side or back
- PVC DWV not supported at 4 foot intervals
  
- Not installing approved backflow preventer on water service
- Pressure reducing valve not in place. Pressure must be maintained between 40-80 psig.
- Air admittance valve not accessible
- Excessive hot water temperature
- Hot water tank pressure relief valve not extended to within 6" of floor
- Slip joint installed above ceiling with no access
- Vent pipe must be downstream of trap
- Vent pipe termination not high enough above roof

### **Electrical**

- Improper conduit sweep installed
- Smoke detectors not installed properly (interconnected)
- Missing neutral or improper grounding of fixture
- Ground fault arc breaker not installed in bedroom circuit
- Not enough clearance in front or side of service panel
- Ground fault circuit not installed in kitchen, bath or garage location

### **Mechanical**

- Heat, loss - gain design calculations not submitted for equipment
- Equipment not vented properly
- Boiler not equipped or provided with backflow preventer
- HVAC condensate drain pipe not installed
- Flex duct hangers not installed as per manufacturer specs (type and spacing)
- Dryer vent improperly installed (no screws in pipe and overall length requirement)

### **Final**

- All fixtures, equipment and appliances not in place and in operation (smoke detectors)
- Final grade not complete
- No attic access installed
- No flashing or weepholes installed in brick veneer
- Caulking and weather proofing not installed
- Fixture, trap or pipe leaks
- House side of attached garage ½" drywall protection not in place