

# City of Willard

## Code Enforcement Office

### What to Expect in an Inspection

**Not a complete list - All Current Building Codes Apply**

**Footer:**

Correct depth (**top of footer 36"**) correct width, reinforcing according to type of foundation being used.

**Foundation:**

Structurally sound, proper reinforcement according to type of foundation being used, parged and sealed with bituminous coating, correct drainage interior/exterior (piping-stone), sump pump.

**All underground:**

Plumbing & Electrical—Properly sized, placement, proper install (not to be placed on gravel) depth, pressure tested plumbing, proper sewer tap and cleanout. All to be code compliant

**Framing Rough In:**

Follow Residential Code of Ohio. Beam placement, beam support, floor joist, bridging (if required), stairway (head room & width), floor decking, walls, door & window header sizes, egress windows *-5.7 sq. ft. net free opening (bedrooms)*, trusses, bracing, hurricane clips, free vent area, wood to concrete contact, wood to earth contact

**Electrical: Rough-in**

Follow the NEC2008, also fire/smoke detectors wired together, 2 /0 copper or 4/0 aluminum for 200Amp. Service, proper receptacle placement (space & height), outside receptacles, circuit placement, etc.

**Plumbing: Rough-in**

**OVER**

Follow the Ohio Plumbing Code. Sizing of piping, Venting & Trapping, pressure testing of domestic water & water head or pressure testing of waste lines, correct use of the fluid flow principal, water hammer devices on quick closing valves, proper line sizing.

**Electrical: Final**

Follow the NEC2008, GFCI placement, protected light in closets, proper grounding of piping, circuits marked, disconnect for water heater, furnace, condenser, etc.

**Plumbing: Final**

Follow the Ohio Plumbing Code. Valves for water heater, temp-pressure relief valve and discharge pipe, expansion tank for water heater, valves on all appliances, water hammer devices on quick closing valves, **duel-check valve type backflow (# ASSE 1024) on inlet of domestic water line**, back-siphonage hose bibs, waste water piping leak test, line support, proper line sizing, water temperature test at each shower/bath.

**Electrical: Final**

Follow the NEC2008, GFCI placement, protected light in closets, proper grounding of piping, circuits marked, disconnect for water heater, furnace, condenser, etc.

**Building: Final**

Follow Residential Code of Ohio. Handrails properly mounted, making sure stair treads and risers are code compliant. Testing smoke alarms for placement and operation, address numbers, checking if doors and window operate, grading and storm water properly taken care of,

**This is just a small list of items that are inspected. Follow the proper Code**

## **BUILDING INSPECTIONS AND THE ORDER**

- 1. Zoning-placement of structure on property**
- 2. Footer-inspecting as per code**
- 3. Foundation-inspecting as per code**
- 4. Concrete slab/under floor inspection**
- 5. Frame (Rough)-this inspection to be called after Plumbing, Electrical, and HVAC inspections have passed**
- 6. Fire and draft inspection/only if required**
- 7. Insulation-inspecting as per code**
- 8. Final Inspection**

## **MECHANICAL INPECTIONS AND THE ORDER**

- 1. Rough HVAC**
- 2. Rough Plumbing**
- 3. Rough Electric**
- 4. Final HVAC**
- 5. Final Plumbing**
- 6. Final Electric**

**DO NOT COVER UP ANY WORK WITH OUT AN INSPECTION,  
YOU MAY HAVE TO REMOVE THE MATERIAL IN ORDER  
TO SEE THE WORK**

Code Enforcement Officer  
419-935-6555

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