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*Public Service with integrity*

## **Residential Inspection Requirements**

*Building plans and documents must be onsite for all inspections - Address must be posted and legible from street or road*

Inspections of improvements made in constructing, altering, or adding to one, two and three family residences are mandatory. Job specific inspections may be required that are not shown on this form. Please review the required inspection list included with your plan approval.

### **Inspections to be requested in the following sequence:**

1. **FOOTING** - forms and reinforcement in place prior to placing concrete. Concrete encased electrode (UFER) inspection may be required.
2. **FOUNDATION STEEL** - forms or masonry in place, reinforcement installed and retained in place, ready for concrete placement or grout.
3. **FOUNDATION** - foundation complete, anchors set, and foundation wall waterproofed or dampproofed; but prior to backfilling. Drainage tile on site or installed. Gravel on site. Exterior insulation installed. Top of wall certificate when required.
4. **(UNDERGROUND/UNDER SLAB, PLUMBING** - plumbing is roughed but prior to pouring concrete. Pressure test required on all water lines and waste lines.)\*\*
5. **UNDERGROUND/UNDER SLAB, MECHANICAL** - ductwork or gas lines installed but prior to pouring concrete.
6. **UNDERGROUND/UNDER SLAB, ELECTRIC** – electrical work installed but prior to pouring concrete.
7. **CONCRETE SLAB, BASEMENT/GARAGE** - prior to placing concrete - all MEP inspections must be completed for inspection. Stone, reinforcement, insulation, and vapor barrier as shown on plans. RADON pipe (new homes only).
8. **RATED ASSEMBLY** - each layer may be required to be inspected, see approved plans.
9. **ROUGH ELECTRIC** - all outlet boxes installed, all wiring installed, and all splices/ connections completed with mechanical connectors.
10. **PERMANENT SERVICE CONNECTION** - panel, meter base and mast (if overhead) installed with all required conductors, including all grounding electrode conductors. Underground service conductors may require inspection dependent upon serving utility.
11. **(ROUGH PLUMBING** - after plumbing is roughed in, but before walls are covered. Air or water test required on waste and vents. One-story dwellings with finished basements and all two or more-story dwellings will have the water supply lines pressure tested.)\*\*
12. **ROUGH MECHANICAL** - all duct work, other mechanical appurtenances that will be concealed. Sealing duct tightness test required 2019 RCO §1103.3.
13. **INTERIOR GAS LINES** - air test from the point of entry to the shut off valves required - lines need to be visible.
14. **FIREPLACE** - after the first flue is set (masonry fireplaces).

15. **FRAMING** - framing complete, roof applied, and prior to any interior wall covering or insulation. Do not cover areas where the building structure will not be visible for inspection, such as the underside of porch roofs. All MEP inspections must be completed prior to inspection.
16. **INSULATION** - insulation behind walls, under floors and in ceilings prior to covering. R value mark required to be visible at time of inspection. Attic depth markers required to be installed. Blown insulation in attic areas and insulation on the interior of unfinished basements foundation walls can be checked at final building inspection.
17. **FINAL ELECTRIC** - all electrical devices, light fixtures, and hard-wired appliances installed and energized.
18. **(FINAL PLUMBING** - all plumbing fixtures and appliances set and functional.)\*\*
19. **FINAL MECHANICAL** - all HVAC is set, operable, and system installation is complete. Blower door test documentation required.
20. **BUILDING FINAL** - work is complete, all MEP inspections approved, and prior to occupancy. A certificate of occupancy will be issued upon approval of all required inspections. Sewage Disposal System must be approved by Board of Health. Driveway must be installed per Union County Driveway Permit. FAILURE TO OBTAIN AN OCCUPANCY CERTIFICATE PRIOR TO MOVING IN MAY RESULT IN ADDITIONAL ADMINISTRATIVE ACTION.

Please ensure the required inspections are completed. Failure to do so may require removal of work and additional fees. It is extremely important that this office certifies that work was performed in accordance with the building code. A reinspection fee for noncomplying or incomplete work may be charged on subsequent trips or inspections for the same work.

*\*\* All plumbing permits and inspections are issued & performed by the Union County Health Department*

9/26/2024