

SPRINGBORO RESIDENTIAL INSPECTION GUIDE

CALL 937-748-9791 TO REQUEST AN INSPECTION

Requests for inspections must be made by 4:30 p.m. the day prior to requested date of inspection. When scheduling an inspection, please provide the address, permit number and type of inspection(s) needed. **Current construction codes: 2019 RCO & 2023 NEC.**

To obtain a time for the inspection, please call the morning of the inspection between the hours of 8:30 and 9:00 a.m.

- **For ALL inspections, the owner's agent shall provide access to all approved construction documents by one of the following methods:**
 - A printed copy OR,
 - An electronic copy on a laptop or tablet. **PLEASE NOTE: An electronic copy on a smart phone is not acceptable.**

The following list of required inspections is not all inclusive; other inspections may be required based on the nature of the work being performed.

FOOTING INSPECTION: After all footing forms, grade stakes, required reinforcing steel, cross-overs, and required grounding electrode connections have been completed prior to pouring concrete.

FOUNDATION INSPECTION: After forms have been completed and required reinforcing steel is in place prior to pouring concrete. A foundation inspection is not required for slab on grade or crawlspace construction.

BACKFILL INSPECTION: After foundation walls have been waterproofed and drain tiles have been installed. A backfill inspection is not required for slab on grade or crawlspace construction.

WATER AND SEWER INSPECTION: After all piping has been installed and properly bedded prior to backfill.

CRAWL SPACE INSPECTION: After vapor barrier, anchors, piers, beams, and joists have been installed prior to installing floor sheathing.

SLAB INSPECTION: After vapor barrier, perimeter insulation, all under slab HVAC ductwork, and all required reinforcing steel is in place. Rough plumbing must be approved prior to slab inspection. Inspection of under slab electrical conduits, raceways and HVAC ductwork must be approved before covering.

ROUGH GAS PIPING INSPECTION: After all permanent gas piping has been installed and test pressure has been obtained with an approved pressure gauge.

ROUGH ELECTRIC INSPECTION: After raceways and/or cables have been installed and properly secured, rough boxes have been set, and grounding system conductors have been secured and bonded.

TEMPORARY POLE INSPECTION: After meter socket, weatherproof equipment, GFCI receptacle(s) with in-use cover(s), and grounding connections have been installed. Top of ground rod(s) and grounding connections must be visible.

ELECTRIC TRENCH INSPECTION: After all underground raceways, direct burial conductors, and warning ribbons (where required) have been installed to proper depths and bedded properly and before covering.

SERVICE RELEASE INSPECTION: After meter socket, main service equipment, GFCI receptacle(s), and grounding connections have been installed. Top of ground rod(s) and grounding connections must be visible.

ROUGH HVAC INSPECTION: After duct system has been installed and all combustion air, venting, bathroom and dryer exhaust ducts have been installed. Manufacturer's installation instructions and specific details on venting must be on job site at time of inspection.

ROUGH FRAMING INSPECTION: After all rough electrical, plumbing, gas piping, and HVAC inspections have been approved. After framing has been complete but prior to installing insulation. Truss and/or engineered flooring lay out and specifications to be on site at time of rough frame inspection.

INSULATION INSPECTION: After all required insulation and fire blocking/fire stopping has been completed and all outstanding items from previous inspections have been approved.

SUMP LINE DITCH INSPECTION: 3 inch min. schedule 40 PVC or SDR 35; glued joints only. No downspouts or other drain outlets shall be connected. Minimum depth of 18 inches unless otherwise approved by inspector. Inspection must be made prior to any backfill.

SIDEWALK INSPECTION: All forms, gravel, rebar, grade pins shall be in place. Minimum thickness is 4 inches. Areas of the sidewalk in the driveway/approach must be 6 inches thick minimum. Approved expansion joints required.

DRIVEWAY APPROACH INSPECTION: All forms, gravel, rebar, grade pins shall be in place. Minimum thickness is 6 inches. Approved expansions joints required.

WATER VALVE BOXES INSPECTION: Depth is to be 48-60 inches. Valve box is to be straight, centered, and flush with finished grade. Inspection to be made when finished grade and seed or sod has been completed.

IRRIGATION SYSTEM INSPECTION: Inspection is to be made by City Water Department personnel. Please call (937) 748-0020 ext. 110.

FINAL ELECTRICAL INSPECTION: After all electrical devices and luminaries have been installed and operational. May be inspected with the final building inspection but must be requested at the same time.

FINAL HVAC INSPECTION: After final electric inspection has been approved. After all equipment is operational. May be inspected with the final building inspection but must be requested at the same time.

FINAL BUILDING INSPECTION: After electrical, HVAC, and plumbing inspections have been approved. All final inspections may be performed at the same time upon request. Seed or sod to be completed and water valve box to be approved or provide signed Landscape Agreement.

CERTIFICATE OF OCCUPANCY: A Certificate of Occupancy or a Temporary Certificate of Occupancy **must** be issued **before** the structure may be occupied.