



## WHEN TO CALL FOR INSPECTION

The following sequence provides a guideline for clarifying when to call for typical residential construction inspections:

- 1. Underground Plumbing Inspection:** Rough underground drainage and waste plumbing shall be in place, including all required clean-outs. Provide a water test (cap all ends and openings and provide a 10-foot head of water) for all drain-waste-vent pipes within the building footprint.
- 2. Foundation Inspection:** Shall be made after excavations for footings are complete and all forms and required reinforcing steel is in place. All anchors are required to be affixed in place prior to inspection approval. The main grounding electrode shall be installed.
- 3. Concrete Slab or Under-Floor Inspection:** Shall be made after slab grading is complete and all required vapor barriers, slab reinforcement, and sand bedding are installed as per plans. All under-slab or under-floor piping and other ancillary equipment items shall be in place and protected from potential damage or contact with the concrete. Screenshot boards or string lines shall be furnished by the contractor or owner to facilitate inspection of the slab thickness. The raised foundation floor framing inspection shall be made after all girders, floor joists, and all sub-framing is in place, and under-floor insulation has been installed, prior to floor sheathing materials being installed.
- 4. Roof Sheathing:** Shall be made after all roof sheathing is in place and nailed as per the approved plans, but before any roofing materials are applied or loaded on the roof. The contractor is responsible for providing an approved ladder for safe roof access.
- 5. Exterior Shear Inspection:** Shall be made after all shear paneling has been installed, including any required shear transfer elements (plate nailing/bolting, strapping, and other related hardware), and prior to being covered by exterior vapor barrier or finish material.
- 6. Combination Framing or “MEPs” Inspection:** Shall be performed after the roof has been loaded, all framing, fire blocking and bracing are in place, all rough plumbing, mechanical and electrical are complete.
- 7. Insulation Inspection:** Shall be made after all required building shell insulation, any required plumbing piping insulation, all required HVAC duct insulation, and window frames for windows, properly labeled and meeting the minimum energy code requirements, have been installed, and all openings caulked and required sealing complete.
- 8. Drywall Inspection:** Shall be made after all gypsum board (or interior lath) and all attachments (corner bead) are fastened in place as per the approved plans. Shall be approved before plaster is applied and before gypsum board joints and fasteners are taped and finished.
- 9. Building Sewer/Water Service (from Meter or Street to House) Inspection:** Shall be made after trenches are dug, piping is in place, and the appropriate tests are applied. This inspection must be done before any piping is covered or trenches back filled.

10. **Exterior Lath Inspection:** Shall be made after the shear inspection and prior to the scratch coat being applied. All paper (double layered where required), lath (wire), and corner aid are to be installed, and all paper tear repairs and sealing shall be completed.

11. **Electrical Release Inspection:** Shall be performed after all panels, fixtures, switches, outlets, appliances, and any other work on permanently installed electrical equipment is completed. Under no circumstances will any exposed or uncompleted wiring be permitted. After this inspection is completed city staff will notify Riverside Public Utilities to release installation of the electrical meter. The owner of the project is responsible for all applications, scheduling and fees associated with meter installation.

12. **Gas Line Air Test Inspection:** Shall be done after gypsum board is in place and exterior plaster and/or exterior siding is in place. This test requires the entire gas piping system to be capped-off (no fixtures or appliances attached thereto) and an air pressure test applied to the piping system by the contractor.

13. **Final Inspection:** Shall be made when structures are ready for occupancy. This shall include proper lot drainage, address posted, plumbing fixtures connected and operable, electrical fixtures and devices in place and electrically connected. The structure must be clean of debris or stored materials, landings and other exterior areas (if any) must be installed as per approved plans, and wall finishes must be complete as per approved plans.