

REQUIRED INSPECTIONS

The approved set of drawings from the building department must be kept on site for review during inspections until issuance of the Certificate of Occupancy. Work shall remain accessible and exposed for inspection purposes until written approval has been issued. Any portion of work that doesn't comply shall be corrected, and such portion shall not be covered or concealed until such work has been approved by the Building Official. It shall be the duty of the permit holder to notify the Building Department that such work is ready for inspection. It shall also be the duty of permit holder to ascertain the results of required inspections before continuance of work. Inspections requests require a minimum of 48 hours' notice.

PRELIMINARY ON SITE INSPECTIONS:

- **Preliminary Review** - Inspection of structure and site prior to issuance of building permit.

FOUNDATION INSPECTIONS:

- **Piers** – Inspection verifying that the diameter and depth are code compliant, after form placement, prior to concrete being poured.
- **Footings** – Inspection verifying that the width and depth are code compliant, after form placement, prior to concrete being poured.
- **Walls** – Inspection verifying code compliant installation of rebar, after form placement, prior to concrete being poured.
- **Waterproofing/Footing Drains/Anchor bolts** – Inspection verifying code compliant installation prior to backfilling.

CONCRETE FLOORS:

- **Vapor Retarder** – Inspection verifying code compliant installation of 6 mil poly, installed with 6" joints laps, prior to concrete being poured.
- **Reinforcement Support** – (if applicable) Inspection verifying code compliant installation of rebar, prior to concrete being poured.
- **Under floor inspection** – Inspection of conduit, piping, service equipment, and ancillary equipment, prior to concealment.

FLOOD PLAIN ELEVATION DOCUMENTATION:

- **As-Built Elevation** – Submittal by a registered design professional documenting the as-built elevation of the lowest floor, prior to further construction.

ELECTRICAL INSPECTIONS:

- **Rough** – Inspection verifying the code compliant installation of all boxes, panels, wiring and associated fire proofing, prior to concealment.
- **Underground Conduit** – Inspection verifying code compliant depth of conduit, after trenches are excavated and bedded, before backfilling.
- **Temporary Services** - Inspection verifying compliant installation, clearance heights, and bonding/grounding, prior to activation.
- **Final** – Inspection verifying that final installation of all components meet 2011 NFPA 70 requirements.
(E-1 required to be on site for all electrical inspections, panel doors should be removed at time of inspection)

GAS PIPING INSPECTIONS:

- **Rough** - Inspection verifying code compliant installation of all gas piping, joints, & shut-off valves, prior to concealment.
- **Underground Piping** - Inspection verifying code compliant depth of conduit, after trenches are excavated and bedded, before backfilling.
- **CSST Pipe** - (if applicable) Inspection verifying all CSST gas piping has been installed and bonded according to NFPA 54 requirements.
- **Pressure Test** - Inspection verifying test pressure = 1.5 x maximum pressure or 3 psig. Test duration not less than 10 minutes.

PLUMBING INSPECTIONS:

- **Building Sewer Testing** – Shall be tested after completion of piping by water, with not less than 10' of head, for a period of 15 minutes.
- **DMV System Testing** – Shall be tested after completion of piping by water, filled to a point 10' above the highest fitting, for a period of 10 minutes.
- **Water Supply System Testing** – Shall be tested and proved tight under pressure by an air test of 50 psi for a period of 15 minutes.
- **Shower Liner Test** – Shall be tested by plugging and filling pan with 2" of potable water, for a period of 15 minutes.
- **Backflow Prevention Device Inspection** – Inspections shall be made of all backflow prevention assemblies to determine whether they are operable.
- **Hydronic Piping Test** – Hydronic piping shall be tested hydrostatically at 100 psi, for a period of 15 minutes.
- **Finished Plumbing** – Visual inspection of trap connections after fixtures have been set and traps filled. Each fixtures shall be filled and then drained.
(Gauges used for testing 10 psi or less shall have increments of .10 psi, greater than 10 psi but less than 100 psi shall have increments of 1 psi)

MECHANICAL INSPECTIONS:

- **Rough Inspection** - Inspection of systems equipment prior to concealment before fixtures or appliances are set or installed.
- **Mechanical System piping and duct insulation** – Inspection verifying code compliant insulation has been installed.
- **Duct Rough-in Test** – (unless entirely within thermal envelope) Submittal of compliant test meeting the requirements of IRC N1103.2.2
- **Final Inspection**- Inspection verifying code compliant installation of equipment. (*Manufacturer's installation instructions shall remain attached to appliance*)

CHIMNEY INSPECTIONS:

- **Hearth Inspection** – Inspection of the placement of rebar, prior to concrete being poured.
- **Cleanout/Firebox/Damper Inspection** – Inspection of the completed cleanout, firebox, and damper, prior to further construction.
- **Final Inspection** – Inspection of completed chimney for compliant clearances to combustibles, finished hearth dimensions, and termination height above roof.

FRAMING INSPECTION:

- **Braced Wall Inspection** – Inspection of braced wall framing and nailing, prior to placement of air barrier.
- **Rough Inspection** – Inspection of rough framing, fire and draft stopping, after the plumbing, mechanical, and electrical rough inspections, prior to concealment.

FIRE-RESISTANCE-RATED CONSTRUCTION INSPECTION:

- **Fire rated construction inspection** – Inspection of fire rated construction after wall board is in place, but before joints and fasteners are taped and finished.

INSULATION INSPECTION:

- **Insulation Inspection** – Inspection of building air tightness and insulation, in accordance with IRC N1102.4.2.1 or IECC.

ABOVE CEILING:

- **Above Ceiling** – Inspection of above ceiling installation of mechanical & electrical equipment, and fire stopping, prior to ceiling pad installation.

ROOFING INSPECTIONS:

- **Underlayment Inspection** – Submittal of photos depicting code compliant installation of ice and water barrier and underlayment
- **Final Inspection** – Visual inspection of completed roof installation

DECK INSPECTIONS:

- **Pier Inspection** – Inspection confirming code compliant diameter, depth, and spacing of all piers, prior to concrete being poured.
- **Rough Framing** – Inspection of rough framing confirming ledger flashing and attachment, lateral load connectors, and uplift connections.
- **Final Inspection** – Final inspection of finished deck to ensure code compliance of stairs, guard and hand rails.

SWIMMING POOLS:

- **Pool Temporary Fence Inspection** – Inspection of temporary construction fence prior to excavation of in-ground pool hole.
- **Pool Rebar Inspection** – Inspection of rebar for in-ground pools, prior to concrete being poured.
- **Pool Bonding Inspection** – Inspection of all associated bonding, prior to concrete being poured.
- **Pool Grounding Inspection** – Inspection of all associated grounding, prior to concrete being poured.
- **Pool Barrier Inspection** – Inspection of code compliant gate and fence installation.
- **Pool Alarm Inspection** – Inspection and testing of code compliant pool alarm.

SOLAR PV SYSTEM INSPECTIONS:

- **Structural Reinforcement** - (if applicable) Inspection verifying work meets engineer's specs before panels are installed on roof.
- **Roof Bonding** – Submittal of photos verifying all roof bonding, prior to scheduling final.
- **PV Panel Mounts** – Submittal of photos verifying panel mount installation & bonding, before panel installation, prior to scheduling final.
(Email photos to mraraback@wlocks.com & jborque@wlocks.com Email subject = street address of project)
- **Final** – Inspection verifying that final installation of all components meet 2011 NFPA 70 requirements.
(E-1 required to be on site for all electrical inspection, panel doors should be removed at time of inspection)

SPECIAL INSPECTIONS:

- **Test and Inspection Records** – Submittal of necessary test and inspection records shall be filed with the building department.

OTHER INSPECTIONS:

- **Other Inspection** – Other Inspections, as deemed necessary by the Building Official.

CERTIFICATE OF OCCUPANCY/APPROVAL:

- **C of O Inspection** – Inspection for code compliance and completion of all work required by building permit and issuance of Certificate of Occupancy.
- **C of A Inspection** – Inspection for code compliance and completion of all work required by building permit and issuance of Certificate of Approval.