

# RESIDENTIAL INSPECTION SCHEDULE

## SECTION R109 - INSPECTIONS

**R109.1 Types of inspections.** For on-site construction, from time to time the *building official*, upon notification from the *permit holder or his agent*, shall make or cause to be made any necessary inspections and shall either approve that portion of the construction as completed or shall notify the *permit holder or his or her agent* wherein the same fails to comply with this code.

### **Footing/Sonatube Inspection – Before placing concrete!**

Required to check for proper rebar, proper footing size or sonatube diameter, compaction of and type of soil, and the depth below the frost line (42" depth).

**Pre-Foundation Placement Inspection** – Required to check for proper rebar size and placement

### **Foundation Inspection – Before backfilling the foundation**

Required to check the removal of the snap-ties, waterproofing of the foundation walls and the footing drainage to include piping, stone and filter fabric.

**Under-slab Inspection** – Required to check for proper soil compaction, proper placement of passive radon piping, 6 mil poly installation and any underslab electrical, heating or plumbing installations. This may also require a pressure test inspection or minimum 10 foot head of water in sewer lines.

**Rough-In & Draftstop Inspection – Before insulation is installed** - Inspection of all rough framing, rough electric wiring, rough heating, rough plumbing and piping. All piping, wiring, ductwork, and interior chimney and chaseways should be draftstopped at this time for inspection. All nailing plates should be in place at this time.

The electric service is generally inspected at this time. It should be installed per NEC regulations with two ground rods, the main breaker in place, and a GFCI receptacle at the panel.

**Insulation Inspection – Before covering any walls and/or ceilings** - All insulation should be installed. Any required Styrofoam propa-vents in the eave ends should be in place. The building envelope must be completely waterproof before any wall finishes are installed.

### **Final Inspection or Certificate of Occupancy Inspection – Before the building is used or occupied**

All plumbing, heating, and electrical systems must be complete.

All GFCI, Arc-fault and tamperproof receptacles must be installed where required.

All Smoke Detectors/Carbon Monoxide detectors must be installed and functional.

All guardrails and handrails must be in place.

Permanent 4" high with ½" stroke house numbers must be installed and visible from the public way. The color must be of high contrast to its background, i.e. Black numbers on white siding.