INSTRUCTION GUIDE SHEET

You may call our inspection line 24 hours a day to set up your inspections. We make every effort to conduct all inspections the following day (if scheduled prior to 3:30 pm the day before).

Inspection Line (352) 527-5266 Please have your permit # ready.

The following is a list of inspections that are typically required, and at what stage of construction they should be requested for a single family residence of concrete block construction on a mono slab or footer/stem wall type of foundation:

1. **T-POLE INSPECTION:** After pole/pedestal installation complete, properly grounded, and braced. 110V and 220V outlets to be GFCI protected. Two eight foot long 5/8” ground rods required 6’ apart.

2. **FOOTER INSPECTION:** After trenches are formed, all rebar in place, grade stakes set prior to pouring concrete. Note special requirements for stem walls over 48” high.

3. **FIRST ROUGH PLUMBING:** Water (minimum 50# pressure) to be in-ground and sanitary lines installed prior to back filling. Minimum 1 stack 10’ high. All plastic to have colored primer used on the solvent joints. All DWV to be properly pitched: 3” and larger diameter = minimum 1/8” per foot; less than 3” diameter = 1/4” per foot.

   **NOTE:** electrical conduit going under the slab (to the kitchen island, etc.) can be inspected at 1st rough plumbing. Please notify us and we will add a note to inspect the conduit.

4. **SLAB:** After first rough plumbing inspection, soil treatment, compaction, and vapor barrier and steel in place and before pouring concrete. Minimum 95% compaction in 12” lifts. Vapor barrier and wire mesh required in all slabs inspected by this division (Fiber mesh may be used in lieu of wire mesh). Sticker Reg soil treatment for subterranean termites is required for all slabs under roof or adjacent to dwellings. Exception: Treatment not required if within 25 feet of a potable well, and not necessary if all aluminum construction. Note that your slab inspection will include checking for an intermediate bond beam in the stem wall and all verticals necessary. Be sure all copper water piping is sleeved where in contact with cement. Commercial Buildings underground conduit to be inspected prior to backfilling.

   **NOTE:** a soil compaction report is needed when 12” or more of fill is brought in. Please leave onsite for the inspector.

   **NOTE:** a slab waiver is required if the finished floor elevation is **not** a minimum of 12” above the highest point of the adjacent roadway.

5. **LINTEL:** After all steel set and tied, and **before** pumping. Typically, one #5 rebar continuous around perimeter or what engineering requires, minimum 25” overlaps, all verticals hooked minimum 12” in lintel, with dowel overlaps of 25” minimum. All overlaps to be double tied. Inspection hole for dowel to be at floor line with all debris removed. Verticals required at all corners, intersecting walls, and other locations as necessary or as specified by architect or engineer.
6. **SHEATHING & STRUCTURAL FRAME:** Nailing pattern and structural frame which includes anchors, bracing as per plans. If engineered trusses are utilized, the sealed truss drawings are required with a truss lay out sheet attached. After roof sheathing applied according to engineers’ or architects’ specifications and/or approved plans, and dried in. No counter sunk nails or shiners accepted (shiners are nails that missed trusses, also called air nails).

7. **PARTIAL ROOF INSPECTION:** Required after underlayment, eve drip and valley, and flashing metal installed and before shingles are laid.

8. **SECOND ROUGH PLUMBING:** Before framing inspection. Tubs and shower pans set and able to retain water, trap arms run, vents through the roof, water lines complete with a minimum of 50# pressure on the system.

9. **ROUGH ELECTRIC:** After all branch circuits, feeders, outlet boxes, and panels in place. All conductors pulled (including low voltage), boxes made up, and home runs complete prior to a frame inspection.

10. **ROUGH MECHANICAL:** All duct work complete. This includes all exhaust and venting systems. Condensate piping and refrigerant lines run. Prior to a frame inspection.

11. **GAS ROUGH:** If house has gas appliances, all lines under pressure (10+ pounds or more)

12. **FRAME:** After rough electric, second rough plumbing, and rough mechanical inspections. All windows installed and blocking complete. No finished siding allowed at this stage. Also, any gas piping to be installed and pressurized no later than framing inspection. Exterior doors to be installed at this time.

13. **INSULATION:** No longer a required inspection. Instead an Insulation Certificate is required to be submitted to the building division prior to issuance of the certificate of completion or certificate of occupancy. The certificate will need to state the type of insulations used throughout the building, the locations of use in the building, the R-value of each type of insulation and that the insulation is in compliance with the Florida Building Code and the approved energy calculations for the project. This Insulation Certificate is available on the building division webpage.

15. **WIRE LATHE:** After felt paper and wire lathe is fastened properly in place – **Before Stucco.**

16. **DRYWALL AND FIREWALL:** We no longer perform drywall screw inspections, except for specialty walls such as fire walls as defined in the Florida Building Code – building chapter 706; fire barriers as defined in chapter 707; fire partitions as defined in chapter 708; and smoke barriers as defined in chapter 709.

17. **WATER SERVICE AND SEWER (sewer/water connection lines):** No longer required inspections. At time of final inspection, the inspector can inspect the sewer clean-outs, sewer backflow devices and pressure reducing valves as needed along with their associated access enclosures. Central water systems require PRV valves.

   **NOTE:** backflow devices are required on central sewer systems if the house is below the highest level of the manhole.

   **NOTE:** wells and septic systems are permitted and inspected through the Florida Department of Health.

18. **FINALS:** When the building is ready for occupancy. All electric, gas, plumbing, mechanical, and building items must be **complete.**

**NOTE:** Items #8, #9, #10, #11, #12 and #13 may be requested all at one time, however #13 will not be signed off until #8, #9, #10, #11 and #12 are approved.