



**GUILFORD COUNTY**  
**CONTRACTORS BULLETIN**

**INSPECTION INSTRUCTIONS**

**INSPECTIONS**

**BUILDING, ELECTRICAL, PLUMBING AND HEATING**

Except for scheduled concrete inspections, all inspections will be made on the workday following the date of request. To ensure that inspections have been approved, post the building permit card in a conspicuous location on the project site. The inspector will sign the permit card if the inspection passes, or leave an inspection report on site if corrections are needed.

After issuance of a Building Permit, inspections (Building, Electrical, Heating and Plumbing) may be requested by calling the computer connect system, or by calling the office for scheduling. An Installation Permit such as a water heater replacement, furnace change out, or an electrical service may be requested by calling the office and making a telephonic application. Once the application is approved, an installation inspection can be scheduled.

Inspection results are available on the day following the inspection by calling the office. If you want to discuss results with an inspector, please call before 9 am.

**WHEN TO CALL FOR INSPECTIONS**

**FOOTING**

When trenches are excavated; all grade stakes are installed; all reinforcing steel and supports are in place, and appropriately tied; all necessary forms are in place and braced; **but before any concrete is placed.**

**UNDER SLAB**

When all forms have been placed; all electrical, plumbing, and/or heating, and air conditioning facilities are placed; all crushed stone and vapor barrier are placed; all reinforcing steel and supports are tied; and/or all welded wire fabric is installed where required; **but before any concrete is placed.**

**FOUNDATION, WOOD FRAME**

When all foundation supports (piers) are installed, crawl space leveled and foundation vents are installed.

**ELECTRICAL, PLUMBING, HVAC ROUGH-IN**

When all building framing, and parts of the electrical, plumbing, heating-ventilation, cooling systems that will be

hidden from view in the finished building have been placed; **but before any wall, ceiling finish or building insulation is installed.**

**BUILDING FRAMING**

After the roof, wall, ceiling, and floor framing is completed with appropriate blocking, bracing and fire stopping in place; the following items must be emplaced and visible for inspection:

1. Pipes;
2. Chimneys and vents;
3. Flashing for roofs, chimneys and wall openings;
4. Insulation baffles;
5. All lintels required to be bolted to the framing for support shall not be covered by any exterior or interior wall or ceilings finish material before approval. Work may continue without approval for lintels supported on masonry or concrete.

**INSULATION**

After building framing and rough-in electrical, plumbing, heating, ventilation and cooling systems are installed, and approved; **but before any wall or ceiling finish is installed.**

**COMPLIANCE – OCCUPANCY FINAL**

When each trade has completed all work authorized under the technical codes (G.S. 153A-363, N.C. State Building Codes), call for a **BUILDING FINAL, ELECTRICAL FINAL, PLUMBING FINAL and MECHANICAL FINAL.** Some systems will need a **GAS TEST** also.

**OTHER INSPECTIONS**

When wells, septic systems, pools or restaurants are involved, a **HEALTH CLEARANCE** is needed. Most condos, apartments, commercial, and industrial buildings also need a **FREE INSPECTION FINAL.** Projects involving watershed, soil erosion, or site plans (landscaping or parking) will need a **SOILS INSPECTION FINAL.**

**Note:** This bulletin is intended for Public Information Purposes only. It summarizes and omits some provisions. It is not to be construed or used as an Official Development Ordinance or the North Carolina Building Codes interpretation in any legal proceedings. L.J.W.