

Required Residential Building Inspections according to the 2012 NC State Building Code

This list is intended to be all-inclusive, however you should always check with the Building Inspections Department if you have any questions.

107.1.1 Footing Inspection. Footing inspections shall be made after the trenches are excavated, all grade stakes are installed, all reinforcing steel and supports in place and appropriately tied, all necessary forms are in place, and braced, and before any concrete is placed.

107.1.2 Under Slab Inspection. Under slab inspections as appropriate; shall be made after all *materials and equipment* to be concealed by the concrete slab are completed.

107.1.3. Foundation Inspection, crawl space. Foundations and crawl space inspections shall be made when all foundation supports are installed. This inspection is to check foundation supports, crawl space leveling, ground clearances, and positive drainage when required.

107.1.4. Rough-In Inspection. Rough in inspections shall be made when all building framing, and parts of the *electrical, plumbing, fire protection, heating-ventilation or cooling system* that will be hidden from view in the finished building have been placed but before any wall, ceiling finish or building insulation is installed.

107.1.5 Building Framing Inspection. Framing inspections shall be made after the roof, excluding the permanent roof covering, wall, ceiling and floor framing is complete with appropriate blocking, bracing and fire stopping in place. The following items shall be in place and visible for inspection:

- Pipes
- Chimneys and vents
- Flashing for roofs, chimneys and wall openings
- Insulation baffles; and
- All lintels that are required to be bolted to the framing for support shall be covered by any exterior or interior wall or ceiling finish material before approval. Work may continue without approval for lintels supported on masonry or concrete.

107.1.6 Insulation Inspection. Insulation inspections shall be made after an approved building framing and rough in inspection and after the permanent roof covering is installed, with all insulation and vapor retarders in place, but before any wall or ceiling covering is applied

107.1.7 Fire Protection Inspection. Fire protection inspections shall be made in all buildings where any material is used for fire protection purposes. The permit holder or

his agent shall notify the inspections department after all fire protection materials are in place, Fire protection materials shall not be concealed until inspected and approved by the code enforcement official.

107.1.8 Final Inspection. Final inspections shall be made for each trade after completion of the work authorized under the technical codes.

107.2 Inspections Requests. It shall be the duty of the permit holder or his or her agent to notify the code enforcement official when work is ready for inspection and to provide access to and means for inspection of the work for any inspections that are required by this code.

107.3 Approval Required. Work shall not be done beyond the point indicated in each successive inspection without first obtaining the approval of the code enforcement official. The code enforcement official, upon notification, shall make the required inspections and shall either indicate the portion of the construction that is satisfactory as completed or shall notify the permit holder or an agent of the permit holder that the work fails to comply with the technical codes. The code enforcement official shall identify the specific sections of the technical codes. Any work that does not comply shall be corrected and shall not be covered or concealed until authorized by the code enforcement official.