

SECTION 106 PERMITS

106.1 Permit required. A current permit is required for all work described in the technical codes unless specifically exempted by the North Carolina General Statutes or the technical codes.

Commentary: Reference North Carolina General Statutes §153A-357 and §160A-417 for exemptions.

106.2 Drawings and Specifications.

106.2.1 Requirements. Drawings and specifications, as required by the inspection department, shall be drawn to scale with sufficient clarity and detail to indicate the nature and character of the work and shall accompany the application for a permit. All information, drawings, specifications and accompanying data shall bear the name, address and signature of the person responsible for the design.

106.2.2 Additional data. The inspection department may require details, computations, stress diagrams or documentation sealed by a registered design professional and other data necessary to describe the construction or installation of a system.

106.2.3 Review and approval. When the inspection department issues a permit, it shall approve, in writing or by stamp, all sets of drawings and specifications "Reviewed for Code Compliance."

Exception: Nothing in this section shall require the review and approval of one- and two-family dwelling plans.

Commentary: Drawings and specifications shall be kept in a manner prescribed by North Carolina General Statutes §153A-373 and §160A-433.

SECTION 107 INSPECTIONS

107.1 General. The inspection department shall perform the following inspections:

1. Footing inspection;
2. Under slab inspection, as appropriate;
3. Foundation inspection, wood-frame construction;
4. Rough-in inspection;
5. Building framing;
6. Insulation inspection;
7. Fire protection inspection; and
8. Final inspection.

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 are 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. Foundation and crawl space inspections shall be made after 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, or 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 permanent roof covering, wall ceiling and floor framing is complete with appropriate blocking, bracing and firestopping in place. The following items shall be in place and visible for inspection:

1. Pipes;
2. Chimneys and vents;
3. Flashing for roofs, chimneys and wall openings;
4. Insulation baffles; and
5. All lintels that are required to be bolted to the framing for support shall not 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 inspection 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 Inspection 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 requested 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