

SPECIAL INSPECTIONS CATAWBA COUNTY

(SICC-2009)

2009 Edition

Effective: July 1st 2009

**Based on North Carolina State Building Code (2009) Edition,
effective July 1st, 2009**



Administered by

CATAWBA COUNTY, NORTH CAROLINA

BUILDING SERVICES DIVISION

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APPENDIX C

General Contractors Guide

The **GC** shall coordinate the scheduling of special inspections with the **SIER** and maintain copies of all Daily Field Reports as well as Discrepancy Reports on site for Building Officials review as needed. **CCBSD** will provide clipboards and blank forms for this purpose.

Footing Inspection. The following information shall be provided to the building official prior to requesting a footing inspection or monolithic slab pour:

- Completion of Soil-Related Special Inspections SICC 1105.1.
- Completion of Earth Retention Systems SICC 1205 (if system provides a bearing plane for the building).
- Completion of Deep Foundation Inspections SICC 1105.2 (Piles & Caissons).
- Cast in place Concrete - Daily Field Report or Monthly Engineer's Summary addressing Material Certification, Reinforcement Installation, Welding of Reinforcement, Anchor Rods and Bolts, Concrete Form Work.

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.

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 with appropriate verification tests if applicable.

Foundation Inspection, Crawl Space. The following information shall be provided to the building official prior to requesting a foundation inspection for a crawlspace installation:

- Completion of Shallow Footings and Foundations SICC-1105.3.
- Completion of Precast Concrete Construction Section 805.
- Completion of Cast in Place Concrete Construction SICC-705 (If foundation walls are poured concrete).
- Completion of Masonry Construction Section 1005.

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, waterproofing and dampproofing as required.

Rough-In Inspection. The following information shall be provided to the building official prior to requesting a rough-in inspection for parts of the electrical, plumbing, fire protection, or heating-ventilation or cooling system:

- Completion of Sprayed Fire Resistant Materials SICC 1304.
- Completion of Mastic and intumescent fire resistant coatings SICC 1304.

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.

Building Framing Inspection. The following information shall be provided to the building official prior to requesting a rough building inspection:

- Completion of Shallow Footings and Foundations SICC-1105.3.
- Completion of Cast in Place Concrete Construction SICC-705.
- Completion of Structural Steel Construction Section 605 SICC.

- Completion of Precast Concrete Construction Section 805.
- Completion of Wood Construction Section 905.
- Completion of Masonry Construction Section 1005.

Framing/rough building inspections shall be made after the roof, excluding 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:

1. Pipes;
2. Chimneys and vents;
3. Flashing for roofs, chimneys and wall openings;
4. Insulation baffles;
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.

(This inspection to be conducted after P, M & E roughs or all roughs may be scheduled at the same time.)

Request for 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.

Request for Above Ceiling Inspections, for Plumbing, Mechanical and Electrical subs.

- Completion of Sprayed Fire Resistant Materials SICC 1304
- Completion of Mastic and intumescent fire resistant coatings SICC 1304
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Request for Above Ceiling Inspections by GC.

- Completion of Architectural, Mechanical and Electrical Components SICC-1603 for items above ceiling.

Request for Final Inspection. The following information shall be provided to the building official prior to requesting a final building inspection:

- Completion of Earth Retention Systems Isolated from Building SICC 1205
- Completion of EIFS Construction SICC 1305
- Completion of Smoke Control Systems SICC1502
- Completion of Architectural, Mechanical and Electrical Components SICC 1603

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

Inspection Requests. It shall be the permit holder's duty or their 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.