

6. (IN) Insulation Inspection

To be scheduled after the building framing and trade rough-in inspections are approved. All wall insulation must be in place. Chimney insulation must be properly secured to prevent contact with the firebox. Blown in attic insulation and crawl space insulation should be installed after dry wall and inspected with the final inspection. Depth markers for blown in attic insulation are required.

7. (FI) Final Inspections

Final inspections should be made for each trade after completion of the work authorized under the technical codes. All projects shall be accessible for inspection between 8am and 5pm, Monday – Friday except by appointment. The project is not finished until all final inspections are complete and any other agency holds are released. A building final is required before final utility services will connect for new structures. Floor covers are not required to be installed for any final inspections except in bathroom areas for water closet to be set and all plumbing fixtures must be installed in permitted bathroom areas. Rough grades must be complete and all driveways, walks and patios may need to be installed to verify slope away from structure. Permanent addresses shall be posted on all new dwellings and all permanent handrails/guards shall be installed.

Other Inspections

In addition to the inspections listed above, the Inspection Department may require other inspections to ascertain compliance with the Residential Code based upon specific project issues or construction methods utilized on a given project.

Optional Inspections

There are several inspections that are optional services at the request of the permit holder, some optional inspections have additional fees as listed below:

- A. (SH) Sheathing & energy encapsulation Inspection. This inspection is made when interior areas need to be insulated and encapsulated before setting tubs/fireplaces or permit holder wishes to install exterior covers before the full framing inspection is ready. One and two family dwellings are \$50 each trip and townhouses are \$25 each.

- B. (TU) Temporary utilities inspections. This is for temporary electrical (TP) or heat (TH) to a structure prior to a final approval, **no occupancy allowed.** The cost for TP (electrical) is \$100 per open trade on a permit and TH (gas) is \$100 per open trade on the permit.
- C. (SS) Saw Service. Saw service is available with an electrical permit that has issued for the project and there is no additional fee for a saw service inspection.

Additional information

Please check our website for additional information covering:

1. **Auto-notification** (*alerts you when your inspection is next*)
2. **Recap fees** (*Additional charges or credit for your projects pass rate- see fee ordinance pass rate incentive program.*)
3. **Inspection By Appointment -IBA** (*this is a premium service with an additional fee to set an appointment for a specific time for an inspection*)
4. **H1- Homeowner access program** (*this features allows a contractors to setup an inspection at no charge for an inspector to call a homeowner to make an appointment for access to their home*)

***PERMIT EXPIRATION DATE-** *Permits will expire if no work has started and verified with an inspection within 6 months of issuance date as indicated on your permit document. In addition once started if there is no activity, verified by an inspection, for more than 12 months the permit will also expire. There are no permit extensions under NC General Statutes and new permits would be required.*

Visit us at:

Meckpermit.com

Mecklenburg County Government



Residential Inspections and Process

2145 Suttle Ave - Charlotte, NC 28208
980-314-CODE (2633)
Meckpermit.com



Process

The work being scheduled for inspection shall be ready at the time the inspection request is made. The Division's goal is 85% or better of inspections performed on the date requested and request can be made by phone on our automated system by calling 704-336-8000 or account holders can go online at www.meckpermit.com and sign into their account dashboard to request an inspection. If assistance is needed you can contact our administrative or customer service team at 980-314-2633. All inspection results are public records and available for viewing on our website at www.meckpermit.com. The General Contractor or property owner shall make inspection request for the Building Permit. Request for electrical, plumbing or mechanical shall be made by the trade contactors listed on the permit when part of a project. The inspections and procedures outline below will assist you in understanding the requirements and obtaining all State required inspections. However if there is any question concerning what's required please discuss with your inspector.

Needed on Site

For an inspection the following is needed on site:

- Job must be ready for the inspection requested.
- Address must be plainly visible from the street (Placard or other).
- Required approved plans on site.
- All pertinent information needed for site review shall be included with plans such as truss layouts and design sheets, I-joists layout or beam specifications when installed.

There are no partial residential inspections other than partial rough trade inspections for under slab areas and the optional inspections listed below, all of the **permitted work** for the type of inspection request should be ready at time of request.

Inspection Requirements

The following is an outline of the different types of inspections Mecklenburg County provides both required by the State under Section 107 of the NC Administrative Code and Policies and optional inspections requested by a permit holder.

1. (FT) Footing Inspection

To be scheduled after the trenches are excavated, all grade stakes are installed, all reinforcing steel and supports are in place and appropriately tied, all necessary forms and bulkheads are in place and braced, but before any concrete is placed. All filled building lots require a Subgrade Verification Form found on our website at www.meckpermit.com. Footer width is measured at the base of the trench and should be at least 12" below grade clean of all organic material with no standing water in trench at the time of the inspection.

2. (MS or SL) Under Slab Inspection

If the structure has a mono slab or floating slab this inspection should be scheduled after all forms have been placed, all electrical, plumbing and/or heating and air conditioning facilities are in place, all crushed stone, vapor retarder, reinforcing steel with supports, and all welded wire fabric is installed, when required. All thickened interior footer areas must be installed with special care as to how mechanical, electrical or plumbing is installed near all footing areas.

EXCEPTION: *Inspection is not required for driveway slabs, patio slabs, sidewalks (exterior flat work), etc... however a driveway or any flat concrete work that is within 10' of the structure will need to be installed by final inspection to verify drainage away from a foundation.*

3. (FD) Foundation Inspection

To be scheduled after all foundation supports or piers are installed and prior to backfill on the exterior or interior of the foundation. This inspection is to check the placement of the foundation walls on footers, the foundation itself, the anchor bolts or straps and the ground clearance. The crawl space leveling, backfilling and positive drainage will be inspected with the framing inspection. Insulation shall not be installed on the foundation walls (closed crawl space) or floor systems installed prior to foundation inspection. The foundation dampproofing/waterproofing and any foundation drains should not be installed until after the foundation inspection. Although dampproofing/waterproofing along with drainage is a requirement of the code under certain conditions it is not a required inspection.

4. (RF) Rough-In Inspections

To be scheduled when all framing is complete and the building is dried in (roofing felt or shingles in place). All parts of the plumbing, mechanical, and electrical system which will be hidden from view in the finished building must be complete and ready for inspection.

5. (FR) Building Frame Inspection

To be scheduled after the roof (*minimum felt paper and roof boots*), wall, ceiling and floor framing is complete with appropriate blocking, bracing and fire stopping in place. The following items should be in place and visible for inspection:

- 1) Insulation baffles when required;
- 2) Chimneys, vents, flashing for roofs and wall openings;
- 3) All trade rough-ins must be complete;
- 4) Windows and exterior doors should be installed and flashed;
- 5) Exterior weather barrier installed;
- 6) All brick lintels that are required to be bolted to the framing for support shall be in place. Lintels that are supported by brick or masonry as it is installed will be inspected at a later date;
- 7) All penetrations in wall plates must be fire stopped;
- 8) Crawl space penetrations must be caulked to prevent air movement.