

Residential Final Inspection Checklist



Items to submit and complete before the C.O. can be issued for a single-family home.

Single family home final inspections can be requested online at www.cityofrockhill.com/onlineservices or by phone at 803-329-5590.

- HVAC Duct Air Leakage Verification** – Ducts, air handlers, filter boxes and building cavities used as ducts are required to be sealed. A test must be performed by a certified tester. A copy of the test results or a [Duct Tightness Compliance Certificate](#) must be submitted before the certificate of occupancy can be issued. Duct tightness can be verified by either of the following options:
 - Option 1 - Rough-in stage test - 6 cfm/ 100 SF w/ air handler, 4 cfm/ 100 SF w/o air handler
 - Option 2 - Post-construction Final inspection stage test - 8 cfm/ 100 SF leakage to outdoors, 12 cfm/ 100 SF total leakage
- Building Thermal Envelope Air Leakage Verification** - The building thermal envelope should be durably sealed to limit infiltration. Air tightness can be verified by either of the following options:
 - **Option 1 - Visual inspection** to verify all caulking, blocking and air sealing measures have been performed. Inspection should be done prior to the installation of insulation and drywall and must be done before the insulation inspection can be performed. A [Thermal Envelope Air Leakage Compliance Certificate](#), completed by a third party, is required to be completed before the insulation inspection can be performed.
 - **Option 2 – Door Blower Test** to verify less than 7 ACH (air changes per hour). Testing should be done after rough in and after installation of penetrations of the building envelope, including penetrations for utilities, plumbing, electrical, ventilation and combustion appliances. A copy of the test results must be submitted before the certificate of occupancy can be issued.
- Backflow preventer test results** must be submitted for any irrigation devices.
- The **irrigation permit** must have an approved final inspection.
- Any **conditions** that were listed on the permit must be completed.
- Any **Flood Elevation Certificates** that were required must be submitted and approved.
- All **final inspections** must be approved.
 - **Final Sidewalk:** This inspection should be scheduled in conjunction with the Final All Trades inspection. The inspector will make sure there are no cracks or breaks in the sidewalk. Effective July 1, 2007, the builder is responsible for the repair and/or replacement of any damaged curb and sidewalk directly adjacent to the permitted lot. Before the C.O. for the house will be issued, all repairs/replacements must be completed to the satisfaction of the City
 - **Final All Trades Inspection:** This inspection is performed when the structure is ready for occupancy. Power and water must be on. All plumbing fixtures are to be functional, the heating/air conditioning system complete and functioning, floor coverings installed in kitchen, bath, and laundry areas, and any tile in bathrooms completed. A permanent certificate should be posted on or in the electrical distribution panel listing the energy efficiency ratings of the home. The address is to be posted with lettering a minimum of 3” in height and placed so that it can be seen from the street. If the structure is more than 50’ from the improved portion of the street, the address shall also be displayed on a freestanding pole or on the mailbox.
- Any **reinspection fees** must be paid.
- Any **past due utility accounts** must be paid.