

RESIDENTIAL	COMMERCIAL	<p>R = REQUIRED O = OPTIONAL N/A = NOT APPLICABLE</p> <p>A required inspection is based on the 2012 NC Administrative Code and typical new construction practices. We recognize that project scopes vary and some inspections may not be necessary.</p>
		BUILDING INSPECTIONS
		FOOTING INSPECTIONS- For crawl space and raised slab building
R	R	<p>Footing inspections are to be scheduled after all trenches are dug out to the original undisturbed soil or at a depth required by an engineer for an engineered footing, grade stakes are installed at the proper depths, and any re-enforcing steel is installed. If the soil in the bottom of the footings is too soft it must be dug down to a solid firm soil or the footing will have to be engineered. All property lines shall be marked to ensure the building meets the required zoning setbacks. Trenches shall be clear of all debris, organic materials and water or ice.</p>
		SLAB INSPECTIONS - Raised Slab Buildings
R	R	<p>Slab inspections are to be scheduled when all electrical, HVAC and plumbing items have been installed below where the concrete will be installed, the soil, within the walls of the foundation, is compacted, termite spray has been installed (if applicable), 6mil vapor barrier has been installed and any steel re-enforcement has been installed. There shall be a minimum of 3 1/2 inches of concrete installed for floors. All trenches shall be clear of debris and organic materials. All trenches and vapor barriers shall be clear of any water or ice before inspection.</p>
		SLAB INSPECTION - Monolithic Slab (Slab, Footing and Foundation as one unit)
R	R	<p>Slab inspections are to be scheduled when all forms are installed, all electrical, HVAC and plumbing items have been installed below where the concrete will be installed, the soil within the foundation forms is compacted, all trenches have been dug out to original undisturbed soil or at a depth required by an engineer for engineered footings, terite spray has been installed (if applicable), a 6 mil vapor barrier is installed and any re-enforcing steel is installed. There shall be a minimum of 3 1/2 inches of concrete installed for floors. All trenches shall be clear of debris and organic materials. All trenches and vapor barriers shall be clear of any water or ice before inspection.</p>
		FLOOR FRAMING INSPECTION - Crawl Space Buildings
O	O	<p>Floor framing inspections are to be scheduled once the floor system has been installed, anchor bolts tightened down and any bracing required to be installed; before any subflooring is installed.</p>

		FRAMING INSPECTION
R	R	Framing inspection are to be scheduled once all walls and roof framing are finished with appropriate fireblocking and firestopping is installed. This inspection is to be scheduled along with all trade rough-in inspections.
		INSULATION INSPECTION
R	R	Insulation inspections are to be scheduled after all wall insulation and any ceiling batt insulation is installed. If any insulation is to be blown inside walls and/or ceiling areas, that will be inaccessible at final inspection, an insulation certification card is to be posted in a conspicuous location. All air baffles that are required in rafter cavities shall be installed. NO INSULATION INSPECTION WILL BE PERFORMED UNTIL ALL TRADE INSPECTIONS AND FRAMING INSPECTION ARE FULLY APPROVED.
		ABOVE CEILING INSPECTION
N/A	O	Above ceiling inspections are to be scheduled before any ceiling materials are installed, such as but not limited to ceiling tiles in grid ceiling systems, gypsum board, ect. This inspection is to check all fire barriers / walls, fire penetrations, lateral bracing, grid ties, communication wires, fire barrier / wall labeling and any last minute duct sealing and electrical items.
		FINAL INSPECTION
R	R	Final inspections are to be scheduled after the completion of ALL trades work, including fire if applicable, and all other trades have scheduled final inspections. Final building inspections will not be approved and Certificates of Occupancy's will not be issued until ALL trades, including fire inspection, have been approved.
		ELECTRICAL INSPECTIONS
		ELECTRICAL TEMPORARY SERVICE POLES
O	O	This inspection is to be scheduled when the temporary construction service pole is installed.
		ELECTRICAL UNDER SLAB INSPECTION
O	R	Electrical under slab inspection are to be scheduled once all electrical conduit is installed under the concrete slab before the concrete is poured.
		ELECTRICAL ROUGH-IN INSPECTION
R	R	Electrical rough-in inspections are to be scheduled once all wiring and/or conduit within the building walls and ceilings is completed.
		POOL BONDING - ELECTRICAL ROUGH-IN
R	R	Pool bonding inspection are to be scheduled once ALL metal parts of a swimming pool or wading pool are bonded according to the NC Electrical Code and before any concrete surround is poured.

		ELECTRICAL ABOVE CEILING INSPECTION
N/A	O	Electrical above ceiling inspections are to be scheduled once all electrical wiring / conduit is installed above ceiling grids, gypsum board ceiling or ect.
		ELECTRICAL FINAL INSPECTION
R	R	Electrical final inspections are to be scheduled once ALL electrical work is completed, including electrical panels, services, devices and light fixtures.
		MECHANICAL INSPECTION
		MECHANICAL UNDER SLAB
R	R	Mechanical under slab inspections are to be scheduled once all HVAC equipment that to be installed under the concrete floor is installed
		MECHANICAL DUCT SEAL INSPECTION (ROUGH IN)
O	R	Mechanical duct seal inspection are to be scheduled when mechanical contractor has properly sealed all duct joints and before duct insulation is installed.
		MECHANICAL ROUGH-IN
R	R	Mechanical rough-in inspections are to be scheduled once all HVAC duct and refrigerant lines are installed inside walls and in attic areas that will be inaccessible during final inspection. Ductwork insulation shall be installed on all metal ductwork and properly sealed.
		MECHANICAL ABOVE CEILING INSPECTION (ROUGH IN)
N/A	R	Mechanical above ceiling inspections are to be scheduled once all ductwork above any ceiling is completed including duct insulation, hangers and straps and all fire dampers.
		MECHANICAL EQUIPMENT TEST
N/A	O	Mechanical Equipment test inspections are to be scheduled when the mechanical contractor is ready to test duct smoke detector and/or fire dampers. This inspection may also be performed at the mechanical final inspection.
		MECHANICAL FINAL INSPECTION
R	R	Mechanical final inspections are to be scheduled once all mechanical equipment, ductwork and refrigerant lines are completed.
		COMMERCIAL HOOD FAN AND OTHER SPECIAL VENTILATION EQUIPMENT
		EQUIPMENT ROUGH-IN INSPECTION
N/A	R	Equipment rough-in inspections are to be scheduled once the the equipment has been installed including completed ductwork, and before any duct insulation has been installed. A light test will be performed on ALL field installed ductwork during this inspection.

		DUCT WRAP INSPECTION
N/A	R	Duct wrap inspections are to be schedule once all ductwork has had an approved light test and all duct is fire wrapped.
		EQUIPMENT FINAL INSPECTION
N/A	R	Equipment final inispections are to be scheduled once complete ventilation / exhaust systems are completely finished. A smoke test shall be performed during this inspection. A final approval will not be given until approved by the Winterville Fire Marshal's office.
		REFRIGERATION EQUIPMENT INSPECTION
		REFRIGERATION ROUGH-IN
N/A	R	Refrigeration rough-in inspections are to be scheduled once all refrigerant lines are installed and pressurized.
		REFRIGERATION FINAL
N/A	R	Refrigerant final inspections are to be scheduled once all refrigerant equipment is completely installed.
		GAS INSPECTION
		GAS ROUGH-IN
R	R	Gas rough in inspections are to be scheduled once all gas lines have installed, strapped properly, protected properly and a pressure has been input into the gas line. Gas pressure shall be 10 psi minimum for the time the inspector is on site. A pressure gage larger than 50 psi will not be approved.
		GAS FINAL INISPECTION
R	R	Gas final inspection are to be scheduled once the gas line connections to all equipment is completed, required piping painted and labeled, all regulator, if required, installed and drip/dirt legs are installed iin correct location.
		PLUMBING INSPECTION
		PLUMBING UNDER SLAB INSPECTIONS
R	R	Plumbing under slab inspections are to be scheduled once all plumbing piping is install under concrete floor system before concrete is installed. If this building has a crawl space this inspection would notr be required.
		PLUMBING ROUGHIN INSPECTIONS

R	R	Plumbing rough in inspections are to be scheduled when all drain and water lines have been installed inside the building. A water test shall be performed on the complete drain system by filling the drain system with water to at least 10 feet above the highest fixture, 3 feet on single family dwellings. The water lines shall be tested with at least 100 psi of air. Both test shall hold steady for a minimum of 15 minutes. All strapping and protection shall be installed for this inspection.
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		WATER MAIN / SEWER LINE INSPECTION
R	R	Water main / sewer line inspections are to be scheduled when the main water line from the building to the utility connection and when the sewer line from the building to the utility tap are installed. All piping shall be installed with the correct slope, at the correct depth, bedded in properly and the proper cleanouts and cutoffs installed.
		PLUMBING FINAL INSPECTIONS
R	R	Plumbing final inspections are to be scheduled once the entire plumbing system is complete including having all fixture in working order. Water shall be on to test for leaks.
		PLUMBING IRRIGATION INSPECTIONS
R	R	Plumbing irrigation inspections are to be scheduled when the water line from the water meter to the backflow preventor is installed.
		SIGNS
		FOOTING INSPECTIONS
N/A	R	Sign footing inspections are to be scheduled after hole is dug, sign post are installed and before concrete is poured. ALL SETBACKS SHALL BE MARKED FOR INSPECTIONS.
		SIGN FINAL INSPECTION
N/A	R	Sign final inspections are to be scheduled after sign installation is complete and, if applicable, all electrical is installed.