

Inspections

1. Initial Erosion Control

- a. The Initial Erosion Control Inspection is the first inspection that must be scheduled for each lot/site. This inspection must be passed prior to scheduling any other inspections. The inspection is to be scheduled after all erosion control measures, including, but not limited to: silt fence, construction entrance and silt fence outlets are installed per the approved plan.

2. Footing

- a. Footing inspections to be scheduled after all trenches are excavated, all grade stakes are installed, all reinforcing steel and supports are in place and tied, and all necessary forms and bulkheads are in place and braced, before any concrete is placed.

3. Foundation

- a. Foundation inspections to be scheduled after all foundation supports are installed. This inspection is typically performed to verify correct installation and proper bearing support prior to backfilling the foundation walls. Any poured concrete or reinforced masonry walls should be inspected prior to placement of concrete. Any required dampproofing should be installed at the time of this inspection. Where waterproofing is required, this should not be installed until the Foundation inspection is approved.

4. Waterproofing

- a. Waterproofing inspections are a specific inspection required where a habitable space is located opposite the backfilled area. This inspection to be scheduled after the Foundation inspection has been approved.

5. Slab

- a. Under-slab inspections, as appropriate, to be scheduled after all materials and equipment to be concealed by the concrete slab are completed.

6. Foundation Survey

- a. A signed and sealed Foundation Survey is due prior to Floor System, Framing, or Trade Rough-in inspections. Failure to submit on schedule or pass foundation survey inspection may result in a stop work order and/or building delays.

7. Floor System (Optional)

- a. That portion of a Framing inspection to be scheduled independently when chosen by the builder. This inspection may be scheduled when the floor framing is complete with appropriate blocking, bracing, and anchor systems prior to installing the floor sheathing material and prior to scheduling the Framing inspection. When this inspection is not independently scheduled as chosen by the builder, it will be automatically scheduled to be inspected with the Framing inspection.

8. Partial Framing (Optional)

- a. That portion of a Framing inspection to be scheduled independently when chosen by the builder. This inspection may be scheduled when all pipes, chimneys and vents, flashing, and the required exterior water-resistant barriers are complete prior to scheduling the Framing inspection. When this inspection is not

independently scheduled as chosen by the builder, it will be automatically scheduled to be inspected with the Framing inspection.

9. Framing

- a. Framing inspection to be scheduled after the roof (excluding permanent roof coverings), wall, ceiling, and floor framing is complete with the appropriate blocking, bracing, and firestopping in place.
- b. The following items shall be in place and visible for inspection:
 - i. Pipes
 - ii. Chimneys and vents
 - iii. Flashing for roofs and chimneys
 - iv. Insulation baffles; and
 - v. 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.

10. Insulation

- a. Insulation inspection to be scheduled after an approved Framing inspection 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.

11. Fireproofing (Non-Residential Only)

- a. That portion of a Framing inspection to be scheduled independently when chosen by the builder. This inspection may be scheduled for any structural member required to be protected by spray applied applications prior to concealment. This inspection is not intended for fire or draftstopping inspections.

12. Building Above Ceiling (Non-Residential Only)

- a. That portion of a Final inspection to be scheduled independently from the Building Final inspection, after the ceiling grid is installed but prior to installing any ceiling tiles. All systems above the ceiling grid shall be complete.

13. Temporary Board

- a. Temporary electrical service poles may be inspected at any phase of construction, but prior to the Initial Erosion Control inspection, as requested by the permit holder. Premise numbers should be written on inspection card.

14. Electrical Ground Work

- a. That portion of an electrical Rough-In scheduled independently for components installed underground. They may be scheduled at any phase of construction, but prior to the Initial Erosion Control inspection, as requested by the permit holder.

15. Electrical Rough-In

- a. Electrical Rough-In inspection to be scheduled when all parts of the electrical system that will be hidden from view in the finished building have been placed, but before and wall finish, ceiling finish, or building insulation is installed.

Electrical Above Ceiling (Non-Residential Only)

- b. That portion of a Final inspection to be scheduled independently from the Electrical Final inspection after the ceiling grid is installed but prior to installing any ceiling tiles. All electrical systems above the ceiling grid shall be complete.

16. Electrical Final

- a. Electrical Final inspection to be scheduled after completion of the work authorized under the technical codes.

17. Mechanical Ground Work

- a. That portion of a mechanical Rough-In scheduled independently for components installed underground. They may be scheduled at any phase of construction, but prior to the Initial Erosion Control inspection, as requested by the permit holder.

18. Mechanical Rough-In

- a. Mechanical Rough-In inspection to be scheduled when all parts of the mechanical system that will be hidden from view in the finished building have been placed, but before and wall finish, ceiling finish, or building insulation is installed. This inspection also typically includes any duct inspections prior to the insulated duct wrap.

19. Fuel Gas Piping (Non-Residential Only)

- a. That portion of a Final inspection that may be scheduled independently from the Mechanical Final inspection for the gas piping system. This inspection is independently scheduled due to licensing system allowing multiple qualifiers to install its system.

20. Mechanical Above Ceiling (Non-Residential Only)

- a. That portion of a Final inspection to be scheduled independently from the Mechanical Final after the ceiling grid is installed but prior to installing any ceiling tiles. All mechanical systems above the ceiling grid shall be complete.

21. Mechanical Final

- a. Mechanical Final inspection to be scheduled after completion of the work authorized under the technical codes.

22. Plumbing Ground Work

- a. That portion of a plumbing Rough-In scheduled independently for components installed underground. They may be scheduled at any phase of construction, but prior to the Initial Erosion Control inspection, as requested by the permit holder. This inspection is primarily for ground work within the building envelope.

23. Plumbing Rough-In

- a. Plumbing Rough-In inspection to be scheduled when all parts of the plumbing system that will be hidden from view in the finished building have been placed, but before and wall finish, ceiling finish, or building insulation is installed.

24. Utility Water/Sewer

- a. That portion of a plumbing Rough-In scheduled independently for components installed underground. They may be scheduled at any phase of construction as requested by the permit holder. This inspection is primarily for all water and sewer service ground work exterior of the building.

25. Plumbing Above Ceiling (Non-Residential Only)

- a. That portion of a Final inspection to be scheduled independently from the Plumbing Final after the ceiling grid is installed but prior to installing any ceiling tiles. All plumbing systems above the ceiling grid shall be complete.

26. Plumbing Final

- a. Plumbing Final inspection to be scheduled after completion of the work authorized under the technical codes.

27. Well/Septic

- a. This inspection is required by the TOHS to receive a copy of the approved operations permit signed by Wake County to operate a well or septic system.

28. Building Final

- a. Building Final inspection to be scheduled after completion of the work authorized under the technical codes.

29. Engineering Driveway/Sidewalk

- a. All forms are to be installed per Town detail.
- b. Subgrade is to be compacted to 100%.
- c. Backfill material can be dirt or ABC stone.

30. Engineering Site

- a. This inspection includes water meter box, reuse meter box if applicable.
- b. Site is to be permanently stabilized.
- c. Any damaged curb & gutter or sidewalk is to be replaced prior to inspection.
- d. Sewer service to be 6" above finish grade.

31. Reclaimed Irrigation

- a. System will be operated as part of the inspection. Contractor required to be on site to operate.
- b. As-Built of irrigation system required at inspection

32. Planning Site

- a. Planning Site (Non-Residential Only)
 - i. Verify site plan matches approved development plan
 - ii. verify correct number of parking spaces and bike rack
 - iii. verify decorative pedestrian crossings
 - iv. Verify all landscaping has been installed according to approved landscaping plan. All species and specified heights / caliper must match approved plans. No substitutions. Verify root guards in place for all street trees.
 - v. Verify site lighting matches approved lighting plan (fixture style, height, and color).
 - vi. Verify building elevations match approved development plan elevations (materials, colors, awnings, etc.). No Changes without prior approval to any materials, colors, etc.
 - vii. Verify open space provided as shown on approved plans, including any benches, fountains, public art, etc.
 - viii. Verify any special conditions of approval have been met.
- b. Planning Site (Residential Only)
 - i. Verify building elevations match approved permit, if applicable
 - ii. Verify all development options selected at time of permit have been satisfied, if applicable
 - iii. Perimeter yard landscaping, if required, must be installed in accordance with approved landscaping plan.

33. Street Trees

- a. This inspection should be scheduled after the required planting of street tree(s). There are four (4) elements that are reviewed:
 - i. Verify species, no substitutions
 - ii. Verify the size/caliper of the tree
 - iii. Verify the root guard is in place;
 - iv. Verify the placement/location of the street tree(s). For all Street Tree Inspections, the species tag must be on the tree and the root guard must be installed according to Town's standards detail and must be visible at time of inspection.

34. Final Erosion Control

- a. The Final Erosion Control inspection should be scheduled toward the end of the building project once all areas on site are permanently stabilized by hardscape or vegetative means, including any drainage areas shown on the approved plan.

35. Fire Protection Final (Non-Residential Only)

- a. Fire Protection inspection to be scheduled in all buildings where required. The permit holder or his agent shall notify the Inspections Department after all fire protection materials are in place.

36. Fire Alarm Rough-In (Non-Residential Only)

- a. That portion of a Fire Protection inspection to be scheduled when a fire alarm system is installed and all parts of the fire alarm system that will be hidden from view in the finished building, but before any wall finish, ceiling finish, or building insulation is installed. This inspection is only to check locations of the fire alarm system components as approval by the Fire Inspector and is not a substitution for the required electrical inspection.

37. Fire Alarm Final (Non-Residential Only)

- a. That portion of the Fire Protection inspection to be scheduled when a fire alarm system is installed and after completion of the work authorized under the technical codes.

38. Sprinkler Rough-In (Non-Residential Only)

- a. That portion of the Fire Protection inspection to be scheduled when a sprinkler system is installed and when all parts of the fire alarm system that will be hidden from view in the finished building, but before and wall finish, ceiling finish, or building insulation is installed that will impair the view of its components.

39. Sprinkler Final (Non-Residential Only)

- a. That portion of the Fire Protection inspection to be scheduled when a sprinkler system is installed and after the completion of the work authorized under the technical codes.