

VI. REQUIRED INSPECTIONS

Reinforcing steel or structural framework in any part of a building or structure shall not be covered or concealed without first being inspected. Work *shall not* be done on *any* part of a building, structure, gas mechanical, fire or plumbing system beyond the point indicated in each specific inspection without first obtaining a written release from the Farragut Codes Department stating the inspection has been approved. Such written release shall be given only after an inspection has been performed on the construction and installation as indicated in the following:

BUILDING

1. Erosion Control Inspection – Erosion control measures must be in place, installed, inspected and approved prior to the issuance of any permits. Contact the Farragut Engineering Department at (865)966-7057 for information regarding inspections, appointments and erosion control approval.
2. Foundation Inspection – Inspection is to be performed after trenches are excavated and forms are erected, but prior to the placement of concrete and per the approved plans.
3. Frame Inspection – Prior to concealment, inspection is to be performed after the roof, all framing, fire blocking and bracing are in place and all wiring, pipes, ducts and vents are complete; this includes any work covered by the lay-in ceiling system.
4. Final Inspection – Inspection is to be performed after the building is completed and is ready for occupancy.
 - ◆ For residential occupancy, the yard must be stabilized and drainage completed per the approved site plan.
 - ◆ For commercial occupancy, the building must meet all requirements of the site and landscape plans.

PLUMBING

1. Underground Slab Inspection – Inspection is to be performed after trenches or ditches are excavated, piping is installed and prior to any backfill being in place.
2. Rough-In Inspection – Inspection is to be performed after roof, framing, fire blocking and bracing are in place and all soil, waste and vent piping is completed, but prior to the

installation of wall or ceiling membranes; this includes any work covered by the lay-in ceiling system.

3. Final Inspection – Inspection is to be performed after the building is complete, all plumbing fixtures are in place and properly connected and after structure is ready for occupancy.

MECHANICAL

1. Underground Inspection – Inspection is to be performed after trenches or ditches are excavated, underground duct and fuel piping is installed and prior to any backfill being in place.
2. Rough-In Inspection – Inspection is to be performed after roof, framing, fire blocking and bracing is in place and all soil, waste and vent piping is completed, but prior to the installation of wall or ceiling membranes; this includes any work covered by the lay-in ceiling system.
3. Final Inspection – Inspection to be performed after the building is complete, mechanical system is in place and properly connected and after the structure is ready for occupancy.

GAS

1. Rough Piping Inspection – Inspection is to be performed after all new piping authorized by the permit has been installed and tested for leaks with the approved testing gauge and before any such piping has been covered or concealed and any fixtures or gas appliances have been connected.
2. Final Piping Inspection – Inspection is to be performed after all piping authorized by the permit has been installed and gas appliances have been connected. This inspection shall include a pressure test.
3. Final Inspection – Inspection is to be performed on all new gas work, authorized by the permit, and such portions of existing systems that may be affected by the new work, or any changes, to ensure compliance with all requirements of the International Fuel Gas Code (IFGC). For commercial inspections, installation and construction of the gas system must be in accordance with the approved plans. An electrical inspection shall be performed and approved by the electrical inspector prior to a gas meter being ordered.

FIRE (*Commercial Projects*)

Below is a list of the most common required fire inspections. A complete list of required permits, inspections and plan submittal requirements can be located in the *Farragut Fire Prevention Office Policy, Procedures and Submittal Manual*.

1. Fire Inspection Rough-In – Inspection is to be performed after roof, all framing, fire blocking and bracing is in place and after all wiring pipes, chimneys, ducts and vents are complete.

2. Sprinkler Inspection Rough-In – Inspection shall include the following:
 - ◆ Underground Main Flush
 - ◆ Hydrostatic Test
 - ◆ Dry System Air Test
 - ◆ Dry System Operational Test
 - ◆ Main Drain Flow Test
 - ◆ All other related hood or mechanical tests

3. Final Inspection – Inspection is to be performed after building is completed and ready for occupancy and all other site work has been completed.