LEE COUNTY
NORTH CAROLINA
Committed Today for a Better Tomorrow

Requirements to Request Final Fire Sprinkler Inspection

- ☐ System built as drawn! Consult approved plans.
- ☐ Verify proper components are installed and functioning tamper switch and water flow switch on the sprinkler system riser.
- ☐ Conduct main drain test and verify residual pressure at the base of the riser meets/exceeds the required system demand pressure listed in the approved hydraulic calculations. Test performed at peak water demand and must flow for at least two minutes.
- ☐ Ensure static and residual pressures listed on the “calc” plate are met.
- ☐ Verify proper signage on riser components: Main drain, Control valve, Inspectors test, Hydraulic “Calc” Plate. (If sign is on a fire riser located outside or in an area exposed to corrosion then sign shall be metal and engraved or stamped.) .
- ☐ Verify that space sprinkler head cabinet is installed in an area that will not exceed 100 degrees Fahrenheit and has inside the correct number of spare sprinkler heads, sprinkler wrench, and NFPA 25.
- ☐ Verify floor is sealed where riser penetrates the building.
- ☐ Ensure proper placement, type, and temperature of sprinkler heads.
- ☐ Sprinkler heads are free of obstructions by building elements (i.e. light fixtures, ceiling fans, decorations, etc.)
- ☐ Check to ensure fire sprinklers are not painted. Painted fire sprinklers shall be replaced, they shall not be cleaned.
- ☐ Check to ensure fire sprinklers escutcheons are properly installed.

Observe test of fire alarm notification appliances, including electric bell and water on inspector’s test valve. Alarms shall activate in 90 seconds or less with the flow switch adjustment setting on or greater than “B”.