



Fire Marshal Division

November 18, 2020

Reliable Fire Protection, LLC
Attn: Robert Lawley
32 Partin Road
Dunn, NC 28334

RE: Erwin Elementary School
301 S. 10th St. (at Denim Drive)
Erwin, NC 28339

Application Number BCOM2006-0001

To Whom It May Concern,

Thank you for submitting the sprinkler system plans for the new school. The plans have been carefully reviewed by a qualified code enforcement official to examine for compliance with the North Carolina Fire Prevention Code and all other fire protection regulatory documents. There are some items that were found during the plan review process that need to be addressed before a final inspection of the new facility can be given. These items are outlined and described below.

- **Plan Review Comments to Contractor.**
 - Installation of the sprinkler system shall be per contract specifications and NFPA 2013 edition.
 - Provide hydraulic design data plate, spare sprinklers and wrench cabinet, and approved signage at final inspection per NFPA 13.

- **Statement of Compliance.**
 - Before requesting final approval of the installation, where required by the fire code official, the installing contractor shall furnish a written statement to the fire code official that the subject fire protection system has been installed in accordance with the manufacturer's specifications and the appropriate installation standard. Any deviations from the design standards shall be noted and copies of the approvals for such deviations shall be attached to the written statement.



- **Sprinkler system monitoring and alarms.**
 - All valves controlling the water supply for automatic sprinkler systems and water-flow switches on all sprinkler systems shall be electrically supervised according to the North Carolina State Fire Code.

- **Installation acceptance testing.**
 - All piping and attached appurtenances subjected to system working pressure shall be hydrostatically tested at 200 psi or 50 psi in excess of the system working pressure, whichever is greater, and shall maintain that pressure without loss for 2 hours. This test is required to be witnessed by a representative from the Harnett County Fire Marshal's Office.
 - **A contractor's material and test certificate shall be furnished by the trained representative of the contractor before approval.**
 - A piping and hanger inspection is required before closure of ceiling system(s).
 - A sprinkler final inspection is required at completion of project.
 - **Schedule all inspections with the Fire Marshal's Office.**
 - **910-893-0742**

- **Fire Department Connection Signage.**
 - Automatic sprinkler, test connection, post-indicator valve, and standpipe signs to be properly installed.

Thank you again for submitting the sprinkler plans. Please review the plans and adhere to any notes and alterations that were made in addition to the original drawings. These remarks are for the plans that were submitted and its original intent. These remarks do not apply if the original intent changes or what was submitted on the above date changes. If you have any questions, please do not hesitate to call this office.

Sincerely,



D. Banks Wallace
Chief Deputy Fire Marshal