



Cherokee County Fire & Emergency Services
Community Risk Reduction Division
Fire Marshal's Office
1130 Bluffs Parkway
Canton, Georgia, 30114

Plan Review Guide and Comments for Commercial Sites

This is **not** a complete list of all code requirements of the Cherokee County Fire Marshal's Office. We are providing a list of the most common mistakes that may cause your plans to be denied. We are providing a general guide with notes that are required to be on the plans during the review process. This document should be used only as a guide to assist you in facilitating the process. If there is a discrepancy in code requirements and any other regulation or requirement, the most stringent rule will apply.

- The following should be on the cover sheet of the site plan:
 - The development name
 - The address of the development as approved by the county GIS department.
 - The parcel identification number (PIN)
 - The design company
 - Design company name:
 - Representatives name:
 - Representatives phone number:
 - Representatives email address:
- The following are the Codes and Standards adopted by Cherokee County that should be used for the design of the site. Please include the following on the site plan as well:
 - Cherokee County Developmental Regulations
 - 2018 International Fire Code with current Georgia Amendments
 - 2018 International Building Code with current Georgia Amendments
 - 2018 NFPA 101 Life Safety Code with current Georgia Amendments
 - 2020 Georgia Amendments 120-3-3, State Minimum Fire Safety Standards
- Indicate on the site plan whether the building will have a fire sprinkler system, if the building will have a fire sprinkler system, what type of sprinkler system will be installed.
 - If the building is sprinklered, provide the locations of the Fire Mains (indicate size), FDC, PIV and the backflow preventer (vault).
 - The FDC is **not** to be placed **on** the building for a NFPA 13 sprinkler system. If the sprinkler system is a NFPA 13R or a NFPA 13D the FDC is to be placed on the building
 - Include installation details on the plans to include thrust blocking and fire hydrant details as per Cherokee County Water and Sewer Authority.
- Fire hydrants should be located based on the following requirements:
 - The Cherokee County Developmental Regulations Section 4.17.C
 - The 2018 International Fire Code (IFC) Appendix B and C. Indicate on the plans compliance with the 2018 IBC appendix B and C. Indicate the required spacing of fire hydrants.
 - For non-sprinklered buildings, the maximum allowable hose lay distance is **300-feet** from any section of the proposed structure.
 - For sprinklered buildings, the maximum allowable hose lay distance is **500-feet** from any section of the proposed structure.
 - Hose lay is measured along paved surfaces.
 - Include a copy of the water flow test results and duration chart. This is only required for new construction and additions. If you do not have a current water flow test within last 12



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months, you will need to obtain the test from the Cherokee County Water and Sewer Authority or applicable City Water and Sewer department. Cherokee County Water and Sewer Authority can be reached at 770-479-1813.

- Fire Department Access
 - The turning radius around interior islands and curbs should be a minimum of 25-feet in accordance with Cherokee County Fire Marshal's Office as allowed by the 2018 International Fire Code, Chapter 5 and Appendix D.

The following notes are required to be added to the plans:

- The following plans have been reviewed by the Cherokee County Fire Marshal's Office. The drawings were reviewed under the applicable laws adopted at the time. Every effort was made to ensure code compliance. Any code violations that were missed during the plan review are the owner's responsibility and must be corrected in order to receive final approval.
- All Site work **MUST** have a pre-construction meeting.
- The fire marshal inspection process for the underground private fire main inspections will be discussed at the pre-construction meeting. Please call 678-493-6290 to schedule all inspections.
- All buildings must comply with the 2018 IFC section 510 emergency responder radio coverage.
 - If there is not proper radio coverage from the inside of the building, you will be required to install a DAS for compliance with this code.
 - The code is available on our website under 2018 IFC section 510 emergency responder radio coverage.