



# Fire Suppression Systems Plan Review Submittal Requirements

Required by the authority having jurisdiction, the following shall represent the minimum submittal requirements for all fire sprinkler and suppression systems, including new systems and alterations/additions to existing systems:

- The printed name, signature, stamp, and copy of the current Georgia certificate of competency of the designer of the system
- Site plan (to scale) that shows the hook-up connection to the local water supply, the location of hydrants, PIV location(s), FDC location(s), and the location of any pump house(s) and backflow prevention devices
- Type of suppression system and type of agent
- Written narrative providing intent and system description
- A riser detail drawing that shows the fire department bypass connection to the sprinkler system or how the system is supported by the fire department
- Pump system detail drawings for the main pump, jockey pump, and sensing system
- System hangar detail drawings
- Cross section views of the building in order to clarify: the structure of any attic or interstitial spaces within the building, including abnormal angles
- A system piping detail for each floor of the building showing the size of pipes being used throughout the system, the location of system hangers, and the location and type of all fire protection equipment
- A reflected ceiling plan drawing for each floor that shows the room designations, head locations, and locations of walls within the building. Fire rated building components (doors, walls, etc.) must be identified
- A set of hydraulic calculations for both the most remote and most demanding areas for each system in the building (these may not necessarily be the same area of the building)
- Site water flow test data: test must have been performed and recorded within six (6) months of plan submittal to this office. The fire code official and/or water department may require that a representative be present during the test
- Technical literature for the equipment used on the project: manufacturer, model and SIN of all sprinklers/nozzles, pumper performance curves for fire pumps and the total volume and elevation of any water tanks and any associated data for backflow prevention devices, check valves, fire department connections, agent tanks, etc.

Fire suppression system plans may be submitted electronically through the **Community Development Portal**. All plans submitted shall conform to the NFPA or ICC requirements for the type of suppression system being submitted. Please ensure to check for any Georgia amendments to the code sections under **Rules and Regulations of the State Fire Marshal**.

Please consult the **City Fee Schedule** for current permit and submittal fee amounts