

COBB COUNTY FIRE MARSHAL'S OFFICE
 NFPA 14, (2003 ed.) – STANDPIPE PLAN REVIEW CHECKLIST

Type of System

- Automatic Wet
 Automatic Dry

- Manual Wet
 Manual Dry

Date _____

Reviewer _____

Building Permit # _____ Cobb County Acworth Kennesaw Powder Springs

Job Name _____

Address _____

City _____ Zip _____

Complex Name _____

Sprinkler System Installed? 13 13R N/A

Sprinkler Contractor _____ Phone # _____

State # _____ Cobb County Cert # _____ Expires: _____

NOTE Designer must fill out form completely before plans will be reviewed!!!	OK	Absent
1) Provide cut sheets for all equipment used. (PRV's, Hose Valves)		
2) Provide legend for all devices with quantities on the plans.		
3) Hose valve locations shall be unobstructed and from 3'-0" to 5'-0" off the floor.		
4) Hose valve connections located in stairways must be placed on intermediate levels.		
5) Equipment must be listed for the rated pressure on the system.		
6) Hydrant to be with in 100' of each FDC		
7) Each standpipe must have means of draining. A drain valve and piping, located at the lowest point of the standpipe piping downstream of the isolation valve, must be provided to discharge water at an approved location. (sizing in accordance with NFPA 14)		
8) A permanently installed 3" drain riser shall be provided adjacent to each standpipe equipped with a pressure-regulating device to facilitate tests of each device.		
9) Each hose outlet must have a 2-1/2" national standard thread valve and cap.		
10) Pressure reducing valves on all outlets with pressure over 175 psi. Show the make, model on the plans. (All PRV's set to 175 psi.)		
11) All high rise buildings must have two remote FDCs, show both locations.		
12) Provide hydraulic calculations that can be accurately reviewed. Calculations must provide a minimum of 100 psi residual pressure while flowing 500 gpm. (Must clearly show all hydraulic nodes used and completely calculate back to the main pressure source)		
13) Provide isolation valves so any standpipe can be isolated without interrupting the supply to other standpipes for the main supply. Show all isolation valve locations on your plans.		
14) When the most remote portion of a non-sprinkled floor or story is located in excess of 150' of travel distance, additional hose valves must be provided. When a sprinkled building's most remote portion is in excess of 200' of travel distance, additional hose valves must also be provided.		
15) Must have roof top hose outlet. Provide detail and show location.		
16) The FDC must be downstream of any Fire Pumps and no valves between. (provide detail)		
17) Show type and locations for all hangers and pipe support. (provide detail)		
18) Show a cross section of how the pipe will be ran, to scale, and indicate where the sprinklers are feed.		
19) All Fire Rated Penetrations need to be shown on the plans. Provide a detail and listed design number. (must have general note if not applicable)		
20) Provide a means of draining all low points of the system piping.		
21) Provide a Plan View to scale. Standpipe, hose valves & PRV's do not impede into the path of egress.		

The above is not an all-inclusive list - Plans must meet all NFPA, International Fire Code and State of Georgia requirements. Please refer to chapter 120-3-3 Rules and Regulations of the Safety Fire Commissioners website. Name: _____ Phone number: _____ Date: _____