



Southaven Fire Department

Fire Marshal's Office

8710 Northwest Drive

Southaven Mississippi 38671

Phone: 662-393-7466

Fax: 662-280-6521

Fire Sprinkler Plan Review Guide

- 1) Name and owner of the building including the project
- 2) Project occupant's name and address
- 3) Provide the Edition of the NFPA Standards used for design
- 4) Point of compass
- 5) Ceiling construction
- 6) Full height cross section
- 7) Location of fire rated partitions
- 8) Occupancy of each area or room
- 9) Location and size of concealed spaces, closets, attics, and bathrooms
- 10) Any questionable small enclosures in which no sprinklers are to be installed
- 11) Size of city main in street, pressure, and whether dead-end or circulating and dead-end, direction and distance to nearest circulating main, city main test results, and elevation relative to the test hydrant
- 12) Other sources of water supply, with pressure or elevation
- 13) Make, type, and nominal orifice size of sprinkler
- 14) Temperature rating and location of high-temperature sprinklers
- 15) Total area protected by each system on each floor
- 16) Number of sprinklers on each riser per floor
- 17) Make, type, model, and size of alarm or dry-pipe valve
- 17) Make, type, model, and size of pre-action or deluge valve
- 19) Kind and location of alarm bells
- 20) Total number of sprinklers on each dry-pipe system, pre-action systems combined dry-pipe/pre-action system, or deluge system
- 21) Approximate capacity in gallons of each dry-pipe system
- 22) Pipe type and schedule of wall thickness

- 23) Nominal pipe size and cutting lengths of pipe Note: Where typical branch lines prevail, it will be necessary to size only one line.
- 24) Location and size of riser nipples
- 25) Type of fittings and joints and location of all welds and bends
- 26) Type and location of hangers, sleeves, braces, and methods of securing sprinklers when applicable
- 27) All control valves, check valves, drain pipes, and test connections
- 28) Size and location of hand hose, hose outlets, and related equipment
- 29) Underground pipe size, length, location, weight, material, point of connection to city main, the type of valves, meters, and valve pits, and the depth that top of the pipe is laid below grade
- 30) Provision for flushing
- 31) When the equipment is to be installed as an addition to an existing system, enough of the existing system shall be indicated on the plans to make all conditions clear
- 32) For hydraulically designed systems, the material to be included on the hydraulic data nameplate
- 33) Name and address of contractor
- 34) Method of protection for nonmetallic piping
- 35) A graphical representation of the scale shall be provided on all plans