

Sprinkler/Standpipe
Plan Review Requirements

1. **SITE PLAN**

Plan(s) showing to scale the size and location of all new construction and all existing structures on the site. Distances from lot lines, established street grades and the proposed finished grades. Site plan shall be drawn in accordance with an accurate boundary line survey.

Three (3) sets of plans and specifications signed and sealed by a registered design professional licensed in the state where the construction is to be performed.

- Water supply test results.
- Make, type, location and orifice size of sprinkler heads.
- Number of sprinkler heads on each riser per floor.
- Total area protected by each system on each floor.
- Total number of heads on each dry pipe, preaction, deluge or combination system.
- Temperature rating and location of high-temperature sprinkler heads.
- Make, type, model and size of alarm on dry-pipe valve.
- Make, type, model and size of preaction or deluge valve.
- Capacity of each dry-pipe system.
- Type and location of alarm bells.
- Type, location and methods of securing sprinkler system.
- Control valves, check valves, drain pipes and test connections.

- Pipe size, type and schedule.
- Type of fittings and joints and locations of welds and bends.
- Location and size of riser nipples.
- Size and location of hose outlets and hose racks.
- Supervision of valves and switches.
- Signed and sealed calculations for hydraulically designed systems.
- Full height cross section.
- Location of fire walls.
- Location of partitions.
- Occupant load of each area or room.
- Use of each area or room.
- Areas or rooms that are not sprinklered.
- Material designation.
- Fire department connection.
- Classification of system(s).
- Classification of occupancies.