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210000 FIRE SUPPRESSION | Automatic Sprinklers

1. Comply with NFPA 13 for all sprinkler installations.
2. Provide an Inspector's Test Station at the furthest point on each zone. Plumb all test station discharge to building drain system.
3. Automatic reset or self-closing sprinkler heads are prohibited on University projects.
4. All newly installed sprinkler systems must be fully flow-tested by the Contractor in the presence of the Consultant's engineer, University Project Manager and the University Fire Marshal.
5. Sprinkler systems are to be hydraulically designed. Scheduled design systems may be used for small systems. Clearly state who (the consultant or the contractor) is responsible for the hydraulic design of the sprinkler system.
6. State the fire suppression data, classification, and design information on the project drawings.
7. The post indicator valve and fire department connection are to be painted All hydrants shall be painted red, located away from the building, near a hard surface for access and clearly labeled as to the building served, and the building's address with a permanent sign attached to the collar with 1" or larger letters.
8. Provide an external water gong or similar exterior alarm.
9. Provide a permanent emergency telephone number label near the external alarm.
10. All domestic sprinkler systems shall be provided with a flow switch and be interconnected to the fire alarm system. The sprinkler zones are to match the building fire alarm zones.
11. Indicate the fire and smoke partitions on the fire protection drawings.
12. Provide labels on ceiling grid and/or at access panels to locate concealed valves and switches.
13. Show the approximate head location and head type on the design drawings.
14. All piping for the fire suppression system is to be hard piped metal.
15. Flexible sprinkler drops are permitted in suspended ceiling systems where field adjustment is required for alignment. Their use shall be limited to applications with accessible ceilings.

Any flexible drop must match hydraulic capacity of the hard-piped system, be braided stainless steel hose type and be UL Listed.

Designs shall comply with manufacturer requirements. Sprinkler heads shall remain properly located, aligned, and supported, without sagging or conditions that impair performance or serviceability.

REVISION DATE	PAGES	REMARKS
02/2021	ALL	General Update
4/2026	ALL	Revised to permit flexible sprinkler drops in suspended ceilings as a standard installation.
4/2026	ALL	Verified document meets ADA Digital Accessibility Requirements