

City of Perris

Office of the Fire Marshal

NOTES FOR NFPA 13D SPRINKLER SYSTEMS ONE & TWO FAMILY RESIDENTIAL FIRE SPRINKLER SYSTEMS 2016 CODES

PLACE THE FOLLOWING NOTES VERBATIM ON THE PLAN:

1. Scope of work: Design and installation of an automatic fire sprinkler system for a single or two-family dwelling.
2. One set of approved sprinkler plans with hydraulic calculations shall be retained at the job site at all times.
3. The system shall be designed and installed in accordance with 2016 NFPA 13D and amendments as adopted by the local jurisdiction.
4. All valves shall have permanently affixed signs that designate their function.
5. The water flow switch shall be connected to the service panel on an uninterruptable house circuit.
6. Bells/alarms shall be sized and located to be clearly audible in all rooms over background noise with all intervening doors closed. At least one bell/alarm shall be located near the address side or front side of the structure and shall be listed for exterior use. At least one bell/alarm shall be located inside the structure, and may be placed in the attic if audibility of 15 dB above ambient, but not less than 70 dB, is achieved throughout the residence.
7. Underground mains and lead-in connections shall be flushed before connection is made to sprinkler piping.
8. Water meter shall be installed prior to final.
9. Call Inspection Scheduling at (951) 956-2117 to schedule all inspections at least 48 hours in advance. For permits issued in ACCELA go to <HTTPS://ACA.ACCELA.COM/PERRIS/> to sign up for Inspection Requests.
10. City of Perris inspection required at both rough and final prior to occupancy being granted.
11. Systems shall be tested at a minimum of street pressure in accordance with NFPA 13D.
12. Exposed exterior riser valves shall be painted OSHA safety red. Fire sprinkler or supply pipe exposed or susceptible to wet conditions shall be painted (any color) or otherwise coated to inhibit corrosion. Stainless steel assemblies and piping may be left unpainted provided that any hose connections, valves, or other components operated by the fire department are painted red.
13. All sprinkler piping shall remain uncovered until inspected by City of Perris.
- 14. Fire Sprinkler heads shall not be installed at rough inspection, only plugs shall be used.**

BUILDING INFORMATION (please fill in all blanks)

Ceiling (check one): Smooth/flat/unobstructed _____; Vaulted _____; Beamed/obstructed _____

FIRE SPRINKLER DESIGN CRITERIA (all blanks must be complete)

Sprinkler Spacing: _____x _____ Feet

Two-Sprinkler Head Calculation with Total Flow of _____gpm requiring _____psi

HYDRAULIC INFORMATION (all blanks must be complete)

Flow Test: Location _____; Date _____; Elevation _____

Static Pressure (psi) _____; Residual Pressure (psi) _____; Flow (gpm) _____

System Requirements:

Base of Riser Pressure (psi) _____; Flow (gpm) _____; Safety Margin (psi) _____