



MORENO VALLEY FIRE DEPARTMENT
NOTES FOR NFPA 13R SPRINKLER SYSTEMS
MULTI-FAMILY RESIDENTIAL FIRE SPRINKLER SYSTEMS

PLACE THE FOLLOWING NOTES VERBATIM ON THE PLAN:

1. Scope of work: Design and installation of an automatic fire sprinkler system for a multi-family residence.
2. One set of approved plans shall be maintained at all times at the construction site.
3. This automatic fire protection system shall be designed, fabricated, and installed in accordance with 2016 NFPA 13R and local amendments enforced by the MVFD.
4. At least one water pressure gauge shall be installed on the riser assembly.
5. All valves shall have permanently affixed signs that designate their function.
6. The water flow switch shall be connected to the service panel on an uninterruptible house circuit.
7. All valves controlling the water supply for automatic sprinkler systems, fire pumps, booster pumps, water supply tanks, water levels and temperatures, critical air pressures and water flow switches on all sprinkler systems shall be electrically supervised by an approved central station that sounds an audible signal at a constantly attended location, regardless of the number of sprinklers.
8. Sprinklers may be omitted from attics that are not located over dwelling units. All other attics shall be protected per 2016 NFPA 13.
9. A four-head calculation for the residential area shall be submitted with installation drawings for MVFD review.
10. 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. Alarm level in all bedrooms shall be 15 dB over ambient, but not less than 70 dB.
11. Underground mains and lead-in connections shall be flushed before connection is made to sprinkler piping. Flush must be witnessed by an approved party and documentation provided to the MVFD inspector.
12. Water meter shall be in place prior to final.
13. Call MVFD Inspection Scheduling at (951) 413-3370 to schedule all inspections at least 48 hours in advance. Inspections canceled after 1 p.m. on the day before the scheduled date will be subject to a reinspection fee.
14. Moreno Valley Fire Department inspection required at both rough and final prior to occupancy being granted.
15. All system piping shall be hydrostatically tested at 200 psi for two hours or at 50 psi above the system operating pressure, whichever is greater.
16. All sprinkler piping shall remain exposed until inspected by MVFD.

BUILDING INFORMATION (please fill in all blanks)

Ceiling Type (check one) = Obstructed _____ or Unobstructed _____

FIRE SPRINKLER DESIGN CRITERIA (all blanks must be complete)

Hydraulic Design Density = Flow in gpm _____; Area in sq.ft. _____

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) _____