

RESIDENTIAL SPRINKLER REQUIREMENTS FOR PLAN SUBMISSION

Permit Applications and Plans will be rejected without this required information.

- 1.) Two (2) sets of plans and all associated documents are required for submission.
- 2.) NICET Level III stamp preferred but not required.
- 3.) Plans must reflect the system design: 2009 International Residential Code, Section 2904, or NFPA 13D. The installer or designer shall submit all calculations for the sprinkler system and street pressure at the connection. All systems connected to water supply shall be listed, such as water softener, water filters, water conditioner, water meter, pressure reducing valves, linear feet of piping to the system and the like that will affect water pressure and the fire prevention system. Pressure losses of each shall be noted on the plans.
- 4.) The water service piping and size shall be noted on the plans for domestic and sprinkler systems.
- 5.) Plans must indicate location, type, temperature rating, and UL listing (UL 1626) of all sprinkler heads.
- 6.) Piping size (s), type, fittings, check valve (s)/backflow preventer (s).
- 7.) If a pump and water flow alarm is provided, an inspection of the alarms and pump initiation shall be inspected. The pump shall be sized to provide the required water flow for the system.
- 8.) If an independent water supply is provided for the pump, it must be sized to provide the required fire protection.
- 9.) A hydro test of the system will be conducted.
- 10.) Sprinkler heads may not be painted.
- 11.) Obstructions shall be clearly marked on the plans, such as ceiling fans, hanging light fixtures, beams, etc.
- 12.) Sprinkler piping and installation shall be inspected in conjunction with the rough framing inspection.
- 13.) Spare sprinkler heads shall be provided.
- 14.) The installer shall supply a Certificate of Compliance to the homeowner and Code Official.
- 15.) The Owner's Manual shall be on site and in a safe place as a reference.