



FIRE SPRINKLER SYSTEM PLAN REVIEW GUIDELINES

Listed below are the basic information requirements to complete a plan review.

Not all items may pertain to your project.

- 1. Submit pdf sprinkler plans with site plan, hydraulic calculations, water flow test report (good for 2 years from flow test) or well report (good for 1 year from test), material data sheets, submittal books etc. and an application form to: fireprevention@stancounty.com (hard copies are not necessary until plan review has been finalized and approved.)
- 2. Indicate the project name, full street address, Assessors Parcel Number (APN), tract number, and associated building permit number. Show North pointing arrow.
- 3. Provide contractor's name, address, phone number, and license number with type of license (C16), and date of expiration. Homeowners may submit plans for residential systems only if the homeowner is the designer and installer of the system. All plans must be "wet" signed or have a digital signature.
- 4. Note current California Building Code, California Fire Code, and NFPA references.
- 5. Include a comment whether or not a site plan is required and if it has been approved.
- 6. Indicate property lines, nearby buildings, adjoining suites, driveways, and streets.
- 7. Describe the scope of work. Cloud or isolate project areas. Show elevations. Show the scope of work and specify the total square footage of the largest structure including garage and any other attached structures.
- 8. Provide water flow test data used to design the project including source and date. Be sure to provide any well or storage tank information pertinent to the project.
- 9. Provide sprinkler calculations. Indicate size of water meter.
- 10. Show location of all risers. Diagram riser details (specifications, gauges, check valve, main drain, water flow switch). Indicate the location of the inspector's test valve, Fire Department Connection, and water flow valve (PIV, OS&Y, butterfly).
- 11. Show sprinkler piping and size, heads, hangers, and bracing details. Include manufacturer's cut sheets.
- 12. Provide a legend that identifies a different symbol for existing, relocated, and added sprinkler heads. Include matrix of heads used per riser (type and number).
- 13. Include all architectural obstructions such as drop ceilings, trusses, beams, ducts, soffits, columns, arches, and lintels. Show location of lighting fixtures, exit signs, emergency lights, and other objects that are in close proximity to a sprinkler head.

Direct technical questions to Stanislaus County Fire Prevention Bureau at 209-552-3700.

Providing the above-listed information does not guarantee plan approval.