



RESIDENTIAL SPRINKLER SYSTEMS-NFPA 13 SUBMITTAL CHECKLIST - GENERAL REQUIREMENTS

1. _____ Minimum of two sets of drawings to be submitted
2. _____ Application Completed

REQUIREMENTS ON PLANS:

1. _____ Owner address and phone number
2. _____ Project street address and city
3. _____ Name, address, phone number and State Fire Marshal's license number of contractor
4. _____ Scaled or fully dimensioned drawings
5. _____ Point of compass
6. _____ Total square footage of structure(s)
7. _____ Construction Type
8. _____ Location and dimension of concealed spaces, closets, attics, bathrooms and build-ups (if using for storage)
9. _____ Plot plan details showing the water supply connection, meter size, valves, pipe diameters, lengths and fittings to riser.
10. _____ Building dimensions, cross sectional views and location of partitions, including ceiling slope and obstructions
11. _____ Description of protection for non-metallic pipe
12. _____ Total number of each type of sprinkler head including make, type, model, temperature and nominal K-factor of sprinklers including identification number (SIN)
13. _____ When required, antifreeze system design and detail including quantity, type, grade and percentage of antifreeze solution and total capacity. If antifreeze is not being used, another method of freeze protection must be shown
14. _____ Antifreeze manufacture cut sheet

ADDITIONAL REQUIREMENTS

1. _____ A minimum of three sets of hydraulic calculations with summary, detail worksheets and graph sheet
2. _____ Flow report dated within one month on water purveyor letterhead or fire department form (for new sprinkler installation)
3. _____ Detailed cut sheets for all equipment including pipes, hangers, valves, sprinkler heads, antifreeze. Cut sheets shall match the plans and equipment installed.

There may be additional requirements upon review. All changes shall be clouded.

Inspections for this system shall include rough, hydrostatic testing, and final. No caps shall be put in place prior to the final inspection. No sheetrock or insulation shall be put in place prior to a rough piping inspection. Any changes to the system upon installation that deviates from the approved set of plans shall be submitted as revisions for review and approval prior to inspection and final. Inspections shall be scheduled a minimum of 72 hours in advance.