



# SAN BERNARDINO COUNTY FIRE DEPARTMENT

OFFICE OF THE FIRE MARSHAL

COMMUNITY SAFETY DIVISION

## SUBMITTAL CHECKLIST

### RESIDENTIAL SPRINKLER SYSTEMS – NFPA 13D

#### GENERAL REQUIREMENTS:

1. \_\_\_\_\_ A minimum of three sets of drawings
2. \_\_\_\_\_ Completed application
3. \_\_\_\_\_ Payment

#### REQUIREMENTS ON PLANS:

1. \_\_\_\_\_ Owner address and phone number
2. \_\_\_\_\_ Project street address and city
3. \_\_\_\_\_ Name, address, phone number and license number of C-16 contractor
4. \_\_\_\_\_ Assessor's Parcel Number (APN)
5. \_\_\_\_\_ Scaled or fully dimensioned drawings
6. \_\_\_\_\_ Point of Compass
7. \_\_\_\_\_ Total square footage of structure(s)
8. \_\_\_\_\_ Construction type
9. \_\_\_\_\_ Location and dimension of concealed spaces, closets, attics, bathrooms and build-ups (if using for storage)
10. \_\_\_\_\_ Plot plan details showing the water supply connection, meter size, pipe diameters, lengths and fitting to riser
11. \_\_\_\_\_ Building dimensions, cross sectional views and location of partitions, including ceiling slope and obstructions
12. \_\_\_\_\_ Description of protection for non-metallic pipe
13. \_\_\_\_\_ Total number of each type or sprinkler head including Make, type, model, temperature and nominal K-factor of sprinklers including sprinkler identification number
14. \_\_\_\_\_ 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.

#### ADDITIONAL REQUIREMENTS

1. \_\_\_\_\_ A minimum of three sets of drawings
2. \_\_\_\_\_ Three sets of hydraulic calculations with summary, detail worksheets and graph sheet
3. \_\_\_\_\_ Flow report dated within one year on water department letterhead or fire department form (For new sprinkler installation)
4. \_\_\_\_\_ Detailed cut sheets for all equipment including pipes, hangers, valves, sprinkler heads
5. \_\_\_\_\_ Single Family Letter must be completed and up to date, prior to submittal

**These are the minimum general requirements for plan check submittal. Additional requirements may be required upon review.**