
C I T Y O F S E L M A

F I R E D E P A R T M E N T

**RESIDENTIAL FIRE SPRINKLER
PLAN REVIEW SUBMITTAL CHECKLIST**

The following information is required for all residential fire sprinkler plan submittals. Residential fire sprinklers shall be installed in accordance with NFPA 13D.

Working plans

- Plans & calculations (3 sets).
- Name of owner, builder or responsible party.
- Location, including street address and vicinity map.
- Name, address and license number of designer or installing design/build contractor (C-16 Fire Protection).
- Number of, manufacturer, Sprinkler Identification Number (SIN), response type, temperature rating and K-factor of all sprinklers.
- Point of compass.

Underground/site piping plan including all of the following that apply:

- Point of connection to public water system.
- Service point of entry to dwelling.
- Alternative water supply components such as well, pump, gravity or pressure tank.
- Size and type of all pipe fittings, length of each segment and actual inside diameter used for hydraulic calculations.
- Location and arrangement of all devices such as meter and backflow.
- On combined laterals, serving fire sprinklers and domestic water, location of fire service take-off, master shut-off valve, and point of added domestic flow allowance.
- Size/location of public water main at point of connection.
- Reference nodes matching hydraulic calculations

Building system piping plan including all of the following that apply:

- Point of connection to service pipe.
- Dimensioned location and spacing criteria for all sprinklers.
- Size and type of all pipe and fittings, with length of each segment and actual inside diameter used for hydraulic calculations.
- Location and type of hangers and means of support.
- Location and arrangement of valves and devices such as drain/test, pressure relief valve, alarm connection, appliance bypass on MP systems, etc.
- Full height building section
- Reference nodes matching hydraulic calculations.
- Means of freeze projection, as required.

Material Data Sheets

- Fire sprinklers
- Pipe and fittings
- Hangers, means of support
- Water supply components – water meter, backflow, pump, tank, other devices