



## FIRE SPRINKLER PERMIT

Online application submittal is required through [www.MyBuildingPermit.com](http://www.MyBuildingPermit.com)

Select Application Type: Fire > Applicable Use Type > select proper Activity Type > Fire Sprinkler Systems

66A

**Responsibility for information.** Department staff members will help you with general questions about application. It is your responsibility to provide detailed information about the fire systems you are installing. You can avoid permit delays by carefully providing all required information. Disregard items that don't address your particular building or equipment.

## FIRE SUPPRESSION (sprinklers) CHECKLIST

### Plan Submittal Requirements for Fire Sprinkler permits other than NFPA 13 D Systems

- Hydraulic Calculations
- Manufacturer's data sheets for all sprinkler system components including installation requirements (cut sheets)
- Floor Plan(s) including:
  - Location of all walls and partitions
  - Identify the use of each room
  - Location and type of backflow prevention device
  - Location of sprinkler heads, bracings, and hangers
  - Pipe run and pipe size
  - Sprinkler density calculations
  - Information as it will appear on the hydraulic plan (not required for 13D systems)
  - All drawings and calculations should be stamped by a currently certified Washington State Sprinkler Designer.
- Square Footage Information:
  - Gross floor area of the building:
  - Gross floor area of the tenant space:
  - Square footage breakdown for this project:  
 New: \_\_\_\_\_ Alteration: \_\_\_\_\_ Addition: \_\_\_\_\_

### Residential Sprinkler Systems: Plan Submittal Requirements for NFPA 13 D Systems

- Hydraulic Calculations (2 most demanding heads in a compartment)
- Manufacturer's data sheets for all sprinkler system components including installation requirements (cut sheets)
- Floor Plan(s) including (Plans shall be submitted 24" x 36" minimum, 36" x 48" maximum size; minimum 1/8"=1' scale):
  - Contractor information; name and contact information shown.
  - Project name and address included.
  - WA State sprinkler certification stamp with signature on plans and calculations.
  - The locations of all walls, sprinkler piping and heads shall be clearly shown.
  - The proposed use of all rooms shall be shown.
  - A riser/water supply diagram shall be included (shall include pressure gauge, control valve and drain).
  - The location of cross-connection or pressure reducing devices shown.
  - Size and location of water meter.
  - Hydraulically remote heads identified.
  - Section view for sloped and/or vaulted ceilings.
  - Pipe sizing and type shown.
  - Number, type, model, manufacturer and spacing of sprinkler heads in the system.
  - The location of light fixtures, fans and similar obstructions and/or heat sources clearly shown.
  - The location of fuel-fired equipment.
  - When an irrigation system is being installed, show the means of shutoff of the irrigation system shall be included