

## FIRE PROTECTION SYSTEM CHECKLIST

THE FOLLOWING ITEMS ARE REQUIRED TO APPLY FOR A FIRE PROTECTION SYSTEM PERMIT.  
PLANS AND APPLICATION WILL NOT BE ACCEPTED IF INFORMATION IS INCOMPLETE.

- Completed construction permit application form.
- Maximum plan size is 24" x 36"; minimum is 11" x 17".
- Proposed project valuation.
- Property tax parcel number.
- Method of freeze control.
- Two sets of plans drawn to 1/4" or 1/8" scale, stamped by a State of Washington certified fire protection designer or engineer, and cut sheets, per NFPA standards, to include:
  - Floor plan of each floor
  - Ceiling construction
  - Full-height cross-section
  - Location of fire walls
  - Location of walls and partitions
  - Occupancy of each room or area
  - Location of small or concealed spaces (closets, etc.)
  - Water pressure information
  - Make, type, temperature rating, and nominal orifice size of sprinkler
  - Total number of sprinklers on each system
  - Pipe type and wall thickness
  - Location and size of riser nipples
  - Type of fittings and joints; location of all welds and bends of securing sprinklers (when applicable)
  - Type and location of hangers, sleeves, braces, and methods of securing sprinklers (when applicable)
  - All control valves, check valves, drain pipes, and test connections
  - Underground pipe size, length, location, weight, material, point of connection to city main; type of valves, meters, and valve pits; and the depth that the top of the pipe is laid below grade
- In addition to existing system (above items plus), provide enough of the existing system to make all conditions clear.
- Hydraulically-designed systems; material to be on the hydraulic data nameplate
- Non-metallic pipe; method of protection