FIRE SPRINKLER SYSTEM PERMIT APPLICATION: New or more than 20 heads

AN INCOMPLETE APPLICATION WILL NOT BE ACCEPTED

By checking the boxes below, you are indicating that all required information is present and that the submittal is “counter complete” and ready for review and subsequent approval. If upon review for technical completeness corrections to the design are necessary, the submittal will be placed on hold until the required information is submitted, and part or all of the submittal package may be returned to the applicant for correction and re-submittal prior to approval or permit issuance. No work shall be performed until plans are reviewed and approved, fees are paid, and all necessary permits are issued.

It is the responsibility of the designer/installer of record to assure all applicable code requirements are satisfied. The current adopted edition of the International Fire Code and the International Building Code, with local and state amendments, shall be the primary, but not all inclusive, resource documents for code requirements, design and installation standards. Additional requirements in the Port Orchard Municipal Code may also apply.

☐ Construction Value (bid price): $________________________

SUBMITTAL REQUIREMENTS: Check off items included with your submittal.

Unless otherwise noted, provide two sets or copies of each. If a signature is required, submit the original plus one copy. Application submittal packages shall include the following:

☐ Completed Master Permit Application form with original signature(s).

☐ Completed Fire Alarm Permit Application.

☐ Proof of current license issued by the State of Washington. (1 copy)

☐ Floor Plan(s):
  o Show each floor on a separate sheet, drawn to an indicated scale.
  o Show date prepared and/or revised.
  o List year edition of NFPA being used for system design.
  o Provide name of owner and occupant.
  o Provide location of project including address.
  o Provide required information including but not limited to:
    ▪ construction types
    ▪ room identification
    ▪ full height cross section or schematic diagram including structural members information for clarity,
    ▪ ceiling construction and method of nonmetallic piping elevations
    ▪ type/schedule/size of pipe, piping and main support
    ▪ detail underground piping of water supply and hydrant location
    ▪ hydraulic reference points
    ▪ valves, backflow preventers, welding
    ▪ total area protected by each system on each floor.
  o Where equipment is to be installed as an addition to an existing system, indicate enough of the existing system to make all conditions clear.
  o Include sprinkler make, type, model, nominal K-factors, and number on each riser per floor.
Cut sheets or other necessary information for all devices and equipment.

Hydraulic Calculations.
- Prepare hydraulic calculations on form sheets that include a summary sheet, detailed work sheets, a water supply analysis, a node analysis and graph sheets.
- Provide water supply capacity information:
  - location and elevation of static and residual test gauge with relation to riser reference point
  - flow location, static pressure, residual pressure, flow, gpm
  - other sources of water supply with pressure or elevation
  - date/time of test, who it was conducted by or who the information was supplied by
- 13R system shall have at least one automatic water supply. Verify water supply is capable of supplying demand system for at least 30 minutes.

Fire Supply information.