

# City of Poulsbo

Building Department

(360) 394-9882 Fax: (360) 697-8269



## Fire Sprinkler System Permit Application

Type of Work:  New  Alteration/Replacement  Other: \_\_\_\_\_  
System Type:  NFPA 13  NFPA 13R  NFPA 13D

### PROPERTY INFORMATION

Site Address: \_\_\_\_\_

Assessor ID Number: \_\_\_\_\_

### PROJECT INFORMATION

Description of work: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Estimated Construction Value: \$ \_\_\_\_\_

### BUILDING INFORMATION

Occupancy Group(s): \_\_\_\_\_ Type of Construction: \_\_\_\_\_

Existing Meter Size: \_\_\_\_\_ New Meter Size: \_\_\_\_\_

Number of Stories: \_\_\_\_\_ Building Height (if new/increased): \_\_\_\_\_

Existing Floor Area      1<sup>st</sup> Floor: \_\_\_\_\_      2<sup>nd</sup> Floor: \_\_\_\_\_      Other: \_\_\_\_\_

New Floor Area      1<sup>st</sup> Floor: \_\_\_\_\_      2<sup>nd</sup> Floor: \_\_\_\_\_      Other: \_\_\_\_\_

Existing Fire Alarm System?  Yes  No  Not Sure

**People Information:** Complete as many entries as necessary to indicate all responsible parties: Applicant, Property Owner, contractor, etc. Use additional sheets if needed. All contractors and sub-contractors must have a valid City of Poulsbo business license.

**Check all that apply**  Applicant\*  Property Owner  Contractor  Other:

Name: \_\_\_\_\_ Company: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Phone: \_\_\_\_\_ Email: \_\_\_\_\_

Contractor License #: \_\_\_\_\_ Poulsbo Business License #: \_\_\_\_\_

**Check all that apply**  Applicant\*  Property Owner  Contractor  Other:

Name: \_\_\_\_\_ Company: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Phone: \_\_\_\_\_ Email: \_\_\_\_\_

Contractor License #: \_\_\_\_\_ Poulsbo Business License #: \_\_\_\_\_

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**Check all that apply**     Applicant\*     Property Owner     Contractor     Other:

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Name: \_\_\_\_\_ Company: \_\_\_\_\_

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Mailing Address: \_\_\_\_\_

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City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

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Phone: \_\_\_\_\_ Email: \_\_\_\_\_

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Contractor License #: \_\_\_\_\_ Poulsbo Business License #: \_\_\_\_\_

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**FINANCING INFORMATION** required if project valuation exceeds \$5,000, per RCW 19.27.095 (may be deferred until issuance)

**Lender administering the construction financing or firm issuing a payment bond** (if any) on behalf of the prime contractor for the protection of the owner, if the bond is for an amount not less than 50% of the total amount of the construction project (if owner is self-financing, please indicate)

Name: \_\_\_\_\_ Day Phone: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

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\*I am the owner of the property described above or am authorized by the owner to sign and submit this application. I certify under penalty of perjury of the laws of the State of Washington that the information on this application and all information submitted herewith is true, complete and correct. I also acknowledge that by signing the application I am the responsible party to receive all correspondence from the City regarding this project including, but not limited to, expiration notifications. If I, at any point during the review or inspection process, am no longer the Applicant for this project, it is my responsibility to update this information with the City in writing in a timely manner. I understand that this form is being submitted electronically and my typed name on the signature line will qualify as my signature for purposes of the above certification.

Owner/Agent Signature: \_\_\_\_\_

Printed Name: \_\_\_\_\_ Date: \_\_\_\_\_

**Submittal Requirements**

- \_\_\_ Completed Fire Sprinkler Permit Application
- \_\_\_ Three (3) sets of required plans
- \_\_\_ Proof of Washington State Fire Sprinkler Contractor’s License, issued by the Office of the Fire Marshal
- \_\_\_ Completed plan checklist (pgs. 3 - 4)

**Note:** Per Poulsbo Municipal Code 15.12.020:

- Buildings in excess of ten thousand square feet and other than Group R, Division 1.
  - Except for Group R, Division 1 occupancies, an automatic fire-extinguishing system designed, installed and tested in accordance with Chapter 9 of the most recently adopted editions of the International Building Code, International Fire Code, and NFPA Standard No. 13 shall be installed in all new buildings in excess of ten thousand square feet total floor area.

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### 2010 NFPA 13 Chapter 22 Section 22.1.3

Working plans shall be drawn to an indicated scale, on sheets of uniform size, with a plan of each floor, and shall show those items from the following list that pertain to the design of the system:

1. Name of owner and occupant.
2. Location, including street address.
3. Point of compass.
4. Full height cross section, or schematic diagram, including structural member information if required for clarity and including ceiling construction and method of protection for nonmetallic piping.
5. Location and size of concealed spaces, closets, attics, and bathrooms.
6. Any small enclosures in which no sprinklers are to be installed.
7. Size of city main in street and whether dead end or circulating; if dead end, direction and distance to nearest circulating main; and city main test results and system elevation relative to test hydrant.
8. Other source of water supply, with pressure or elevation.
9. Make, type, model, and nominal K-factor of sprinklers including sprinkler identification number.
10. Temperature rating and location of high temperature sprinklers.
11. Total area protected by each system on each floor.
12. Number of sprinklers on each riser per floor.
13. Total number of sprinklers on each dry pipe system, preaction system, combined dry pipe-preaction system, or deluge system.
14. Approximate capacity in gallons of each dry pipe system.
15. Pipe type and schedule of wall thickness.
16. Nominal pipe size and cutting lengths of pipe (or center-to-center dimensions). Where typical branch lines prevail, it shall be necessary to size only typical line.
17. Location and size of riser nipples.
18. Type of fittings and joints and location of all welds and bends. The contractor shall specify on drawings any sections to be shop welded and the type of fittings or formations to be used.
19. Type and locations of hangers, sleeves, braces, and methods of securing sprinklers when applicable.
20. All control valves, check valves, drain pipes, and test connections.
21. Make, type, model, and size of alarm or dry pipe valve.
22. Make, type, model, and size of preaction or deluge valve.
23. Kind and location of alarm bells.
24. Size and location of standpipe risers, hose outlets, hand hose, monitor nozzles, and related equipment.

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25. Private fire service main sizes, lengths, locations, weights, materials, point of connection to city main; the sizes, types and locations of valves, valve indicators, regulators, meters, and valve pits; and the depth that the top of the pipe is laid below grade.
  26. Piping provisions for flushing.
  27. Where the equipment is to be installed as an addition to an existing system, enough of the existing system indicated on the plans to make all conditions clear.
  28. For hydraulically designed systems, the information on the hydraulic data nameplate.
  29. A graphic representation of the scale used on all plans.
  30. Name and address of contractor.
  31. Hydraulic reference points shown on the plan that correspond with comparable reference points on the hydraulic calculations sheet.
  32. The minimum rate of water application (density or flow or discharge pressure), the design area of water application, in rack sprinkler demand, and the water required for hose streams both inside and outside.
  33. The total quantity of water and the pressure required noted at a common reference point for each such system.
  34. Relative elevations of sprinklers, junction points, and supply or reference points.
  35. If room design method is used, all unprotected wall openings throughout the floor protected.
  36. Calculation of loading for sizing and details of sway bracing.
  37. The setting for pressure-reducing valves.
  38. Information about backflow preventers (manufacturer, size, type).
  39. Information about antifreeze solution used (type and amount).
  40. Size and location of hydrants, showing size and number of outlets and if outlets are to be equipped with independent gate valves. Whether hose houses and equipment are to be provided, and by whom, shall be indicated. Static and residual hydrants that were used in flow tests shall be shown.
  41. Size, location, and piping arrangement of fire department connections.

I acknowledge that the above requirements have are included in the plan sets provided to the City of Poulsbo Building Department.

Print Name: \_\_\_\_\_ Initials: \_\_\_\_\_ Date: \_\_\_\_\_