

## **Bellevue Fire Department** **Fire Suppression Requirements**

### **When a Permit is Required**

Permits shall be issued for the following work:

1. New fire suppression system(s).
2. Additions, modifications and changes to any existing systems, under ground lines and/or associated equipment.

### **Fire Permit Applications:**

Each submittal or resubmittal shall include a Fire Suppression Permit Application. Permit Applications may be obtained from the Administrative Office of the Fire Department or the Building Department.

### **Fees**

The fees for plan review for a new building will be 25% of the building permit fee. This will include plan review, rough-in inspection, hydro static/air test and final inspection. Additional fees include the following,

Retrofits including the inspection and acceptance testing	<b>\$100.00</b>
Plus sprinkler head	<b>\$ 0.50</b>
Commercial Kitchen Hood Systems.	<b>\$125.00</b>
Special Chemical Agent Extinguishing System.	<b>\$125.00</b>
Standpipe Systems including inspection and acceptance Testing.	<b>\$ 50.00</b>
Additional inspections and plans will be assessed at an hourly rate with a 2hr. minimum.	<b>\$ 50.00/hr</b>

### **When Plans are Required**

Plans and documents will be required for all the following:

1. A new system is installed
2. An existing system is expanded to or, in a new area.
3. An existing system is modified, including relocation of heads and/or demolition, regardless of the number of sprinkler heads.
4. When the occupancy of the structure is changed per the IBC.
5. Construction occurs, altering the building construction type.
6. Occupancy classification is changed as referenced in NFPA 13 standard. (IFC 102)

## **Adopted Codes and Standards**

**The City of Bellevue has currently adopted the 2018 International Fire and Building Codes. The Bellevue Fire Department recognizes the State Fire Marshals adoption of the 2002 edition of the NFPA 13 and NFPA 72 Standards.**

## **Minimum Sprinkler Plans**

**You will be required to submit a minimum of two (2) complete sets of plans. One set will remain on file at the fire department and one will be returned to the contractor with a stamp of approval and/or changes.**

**Plans, which need the State Fire Marshals approval, shall be sent concurrently.**

## **Plan Check List**

- 1. The minimum information requirements included on plans shall be per the checklist outlined in NFPA 13-14.1 and 14.2, as regulated by IFC 105.1 and 903.1.1.**
- 2. All calculations shall include a fire sprinkler head analysis sheet, which includes the following: numbering the operating sprinklers, elevation of each sprinkler, the K-factor and the pressure and flow of each.**
- 3. All hydraulic design areas shall have a safety margin of at least 5% (cushion) on the available residual pressure at the calculated flow, per Idaho State Fire Marshal's policy.**

## **Fire Sprinkler Heads**

**All submittal packages shall include manufacture's specification sheets with each plan set, indicating the number and type of each on the plans as required by NFPA 13.**

**If you have any questions regarding this policy, please contact the Bellevue Fire Department at 788-9277 or the Building Department at 788-2128.**