



## Fire Alarm Submittal Requirements

Eastside Fire & Rescue Fire Prevention Bureau requires the following **minimum** information.

Submittal package shall include 3 sets of plans, battery calculations and manufacture's information (cut) sheets for all devices.

Submittals are to be submitted to the city building permit center for which the project is located in (Carnation, Issaquah, North Bend or Sammamish.)

### **Information to be shown on plans:**

- Legend of devices (Device description/model number must match manufactures information sheets).
- Plans shall be clearly legible showing all walls shown, outside building dimensions, total building square footage, scale used, room use, north arrow, etc.
- Show interior elevations to indicate unusual construction characteristics, structural and mechanical elements that may affect spacing requirements.
- Height of horn/strobes, location of outside horn/strobe/bell.
- Riser diagram with each circuit and all devices identified.
- End of line locations per notification circuit.
- Location of FACP, remote annunciator and NAC panels.
- Wire run diagram per circuit from device to device to be overlaid on the floor plans.

### **Additional Information required:**

- Complete battery calculations, including line loss/voltage drops for each circuit and Amp Hours of batteries.
- Manufacture's cut sheet for wire used.
- Matrix/sequence of events.
- Model number of device used and standby/alarm voltage to be highlighted on the manufacture's cut sheets.
- Monitoring type / equipment.
- Miscellaneous connections. Door closers / openers, dampers, HVAC, access control, fire suppression contacts and like equipment.
- Primary power detail.
- Smoke detector / FACP compatibility listing.
- Remote annunciator shall be key operated or have lockable cover.

Firefighter operation instructions of the alarm panel or remote annunciator will be required at time of final inspection.

Tenant improvements may not require all of the above, based on the scope of work. Thank you in advance for your cooperation and efforts with these requirements.



For more information contact the  
Fire Prevention Bureau at 425-313-3322 or 313-3324