

# 2

## ***BUILDINGS UNDER CONSTRUCTION***

### **2.01      *Approved Plans***

Ref.: IFC 105.4.6

- 2.01-1.      A complete set of approved plans, including plans for fire protection systems, shall be available at the job site for review by the Fire Chief or his/her designate.

### **2.02      *Water Supply***

Ref.: IFC 1412.1

- 2.02-1.      An approved water supply capable of supplying the required fire flow, either temporary or permanent, shall be made available as soon as combustible material accumulates at the site.

Temporary water supply arrangements shall have prior approval of the Fire Chief or his/her designate. If the municipal water service is used, all connections shall have the approval of the City of Bellevue Utility or the water authority having jurisdiction.

There shall be no delay in the installation of fire protection equipment to meet requirements set forth in the plan review by the Fire Department.

Hydrants shall be maintained clear and accessible for fire protection during construction.

Fire hydrants shall be placed into service as soon as practical at the building site.

- 2.02-2.      Water shall not be taken from hydrants for construction purposes without the permission of the City of Bellevue Utility or the water authority having jurisdiction.

Valves, wrenches and other attachments used for operating hydrants shall be of a type approved by the City of Bellevue Utility or the water authority having jurisdiction.

### **2.03 Access Roads**

Ref.: IFC 1410

- 2.03-1. Access for use of heavy fire fighting apparatus shall be provided to the immediate job site at the start of construction.

The temporary fire access route shall be at least twenty (20) feet in width, shall have an unobstructed vertical clearance of at least thirteen feet, six inches (13' 6") and shall be capable of supporting the imposed load of fire apparatus weighing at least sixty-four thousand (64,000) pounds in all weather conditions.

- 2.03-2. All temporary fire access, where required, shall be maintained and remain unobstructed until all construction is completed. The permanent fire apparatus access route shall be completed prior to occupancy.

- 2.03-3. Arrangements shall be made to assure immediate fire Department access to the site when called.

- 2.03-5. The premise address shall be clearly visible from the street. The address shall be posted at the start of construction on a sign adjacent to the curb cut or driveway for the main entrance to the job site.

Numbers on the sign shall be not less than six (6) inches high and shall contrast to their background.

### **2.04 Flammable Liquids**

Ref: IFC 3406.2

- 2.04-1. Flammable or combustible liquid storage and dispensing at construction sites shall be in accordance with the International Fire Code section 3406.2 and shall be done only by permit from the Bellevue Fire Department.

### **2.05 Standpipes – Buildings Four or More Stories in Height**

Ref: IFC 1413

- 2.05-1. Not less than one standpipe shall be installed when the progress of construction is not more than 40' above the lowest level of fire department access.

- 2.05-2. Hose connections shall be provided at accessible locations adjacent to usable stairs.

- 2.05-3. Standpipes shall be extended as construction progresses to within one floor of the highest point of construction having secured decking or flooring.

2.05-4. Standpipes, including temporary installations, shall be seismically braced in accordance with NFPA 13, 2007 edition.

**2.06 Automatic Sprinklers**

Ref.: IFC 903

2.06-1. Where a fire sprinkler system is to be installed, place the installation in service as soon as practicable.