

AMENDMENTS.

The 2006 edition of the International Fire Code for the Nixa Fire Protection District is amended to include:

Section 101.1 of the 2006 International Fire Code shall be amended to read as follows:
Insert: Nixa Fire Protection District.

Chapter 1 Administration

Section 105.4.2 Construction Documents: In addition to construction documents an 8 ½ by 11 copy of a floor plan will be provided for fire department pre-plan purposes.

Chapter 5 Fire Service Features

Section 503.1 of the 2006 International Fire Code shall be amended to read as follows:
Fire Lanes.

The fire chief may designate fire lanes of private and public property. Such area shall be designated by signs at each end of the lane which say “No Parking-Fire Lane” with appropriate curb markings. Curb markings shall be red painted back ground with white painted letters six (6) inches in size. Fire lanes may be established on driveways and access roads required by the planning and zoning as recommended by the fire department applicable to the property in question, provided that fire lanes may not be established on property containing one –or two family residential dwellings.

- (b) Upon notice by the fire chief of designation of a fire lane, it shall be the duty of the owner, occupant, or his agent, of the premises upon which the fire lane has been designated, to post proper signs and to maintain such signs in good condition

Section 505.1 of the 2006 International Fire Code shall be amended to read as follows:
Address Numbers

- (a) All such numbers shall be placed facing street, plainly visible from the street, shall be of a contrasting color to the background, shall be not less than three inches high, shall be in plain Arabic type, shall be made with a width equivalent to at least a half of an inch wide and shall not be more than 50 feet from the street, except as provided in subsection (b) of this section.

(b) If the number is more than 50 feet from the street, the numbers shall be a minimum of six inches in height, except in no event shall such number be more than 100 feet from the street.

(c) All businesses shall affix a street number to the rear of the business so as to be plainly visible from the rear access area. The size of the number posted shall be in accordance with the requirements set out in subsections (a) and (b) of this section.

Chapter 5 Fire Service Features, Section 506 Key Boxes, Paragraph 506.1 of the 2006 International Fire Code shall be amended to read as follows:

506.1 Where Required. Where access to or within a structure or an area is restricted because of secured openings or where immediate access is necessary for life-saving or fire-fighting purposes, the code official is authorized to require a key box to be installed in an accessible location. The key box shall be of an approved type and shall contain keys to gain access as required by the code official.

506.1.1 Locks (*Replacing existing 506.1.1 Locks*)

1. When a building within the Nixa Fire Protection District is protected by an automatic fire suppression or standpipe system it shall be equipped with a key box.
2. When a building is protected by an automatic alarm system and/or access to or within a building, or an area within that building, is unduly difficult because of secured openings, and where immediate access is necessary for life saving or firefighting purposes.
3. When a property is protected by a locked fence or gate and where immediate access to the property is necessary for life saving or firefighting purposes.
4. Any facility, firm, or corporation that handles, uses, or stores hazardous material.
5. All newly constructed commercial and industrial structures shall have the key lock box installed and operational prior to the issuance of an occupancy permit.
6. Any change of occupancy including renovations or remodel in an assembly, commercial or industrial occupancy requiring a building permit may require a key lock box.

LOCATIONS

The KNOX Rapid Entry System shall be located:

1. Gates. Gated areas and secured areas around buildings and residential areas will be required to have a KNOX Key Switch or KNOX Pad Lock for emergency access.
2. Buildings. At or near the left of the recognized public entrance on the exterior of the structure approved by the Fire Prevention Bureau.
 - A. The lock box shall be located at a height of not less than four (4) feet and not more than six (6) feet above final grade.
 - B. An alternate location shall be approved by the Prevention Bureau if construction features do not allow for placement near the entrance.
3. No steps, displays, signs or other fixtures, or structure protrusions shall be located under the box which would allow intruders to access the box without assistance.
4. If the building contains hazardous materials a KNOX HazMat Cabinet will be installed.
 - A. The cabinet shall contain the following:
 - (1) A master key to all areas of the building.
 - (2) Binder for HazMat Knox Box with:
 - (a) List of responsible party and phone numbers (i.e. plant manager, owner, all principal employees, management types, and major chemical manufacturers)
 - (b) A floor plan of the facility, to Nixa Fire Protection District requirements, to include room numbering, extinguishing systems (OSY, PI valves, fire department connections), drains, secondary containment, ventilation systems, and hydrant locations.
 - (c) Material Safety Data Sheet (MSDS) of all chemicals in alphabetical order
5. Box contents. The box shall contain the keys for the following:
 - A. The Main entrance door.
 - B. Alarm Room (if one exists).
 - C. Mechanical rooms and sprinkler control rooms.
 - D. Fire alarm control panel.
 - E. Electrical rooms.
 - F. Special keys to test pull-stations or other fire protection devices.
 - G. Elevator keys, if required. The Prevention Bureau will determine the need.
 - H. All other rooms as specified during the plans review process.
 - I. Alarm codes or alarm silencing procedure.

The keys shall be labeled to be easily identified in the field.

KEY BOXES FOR APARTMENT COMPLEXES

1. All new apartment complexes served by fire suppression or fire alarm systems shall be required to install a key lock box.
 - A. Location will be determined by the Prevention Bureau.
 - B. The box shall be located at a height of not less than four (4) feet and not more than six (6) feet above final grade.
 - C. Key lock box contents: The box shall contain keys for the following. The keys shall be labeled to be easily identified in the field.
 - (1) Sprinkler/Alarm room or area where system is installed.
 - (2) All other areas as specified during the Plans Review process.
 - (3) Any additional area for life saving or firefighting purposes.
2. Only apartment complex owners, management companies, or managers may purchase key lock boxes.

ADMINISTRATION

- A. NEW STRUCTURES: The Prevention Bureau shall be responsible for the administration of this standard and shall indicate specific requirements.
- B. EXISTING STRUCTURES: The Prevention Bureau shall be responsible for administration of this Procedure and notify the owner or operator with one or all of the following notations:
 - (1) Owner/Contractor may obtain instructions for ordering a lock box from the Prevention Bureau.
 - (2) A KNOX Key Box can be ordered from www.knoxbox.com.
- C. GATES: The Prevention Bureau shall be responsible for the administration of this standard and shall indicate the specific requirements.

Chapter 9, Fire Protection Systems, Section 912 Fire Department Connections, Paragraph 912.2 Locations of the 2006 International Fire Code is to be amended to read the following:

912.2 Location. With respect to hydrants, driveways, building and landscaping, fire department connections shall be so located that fire apparatus and hose connected to supply the system will not obstruct access to the buildings for other fire apparatus.

- (a) Fire department connections shall be located a minimum of forty (40) feet or 1 and a half times the height of the building from the building whichever is greater to minimize the potential for structural collapse onto fire department equipment and personnel. Fire department connections shall be located a maximum of forty (40) feet from an accessible fire hydrant. Said hydrant shall be located on the same side of the fire department access road as the fire department connection. All fire department connections shall be painted red and labeled with signage reading "Fire Department Connection" in an approved method by the fire code official. Fire department connections not able to meet requirements based on location and access shall be approved by the fire code official.