

Penn Hills Fire Marshal's Office  
102 Duff Road  
Pittsburgh, Pa 15235  
P: 412-342-1095

## Construction Site Plan Checklist

### 2015 International Fire Code



Date: \_\_\_\_\_

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

Facility Name: \_\_\_\_\_

Occupancy Classification: \_\_\_\_\_

Square Feet/Occupancy: \_\_\_\_\_

Construction Type: \_\_\_\_\_

General Contractor: \_\_\_\_\_

Contacts: \_\_\_\_\_

#### Fire Marshal's Office Inspections Required:

\_\_\_\_\_ Automatic Sprinkler Installation

\_\_\_\_\_ Fire Alarm Installation

\_\_\_\_\_ Commercial Kitchen Hood Extinguishing System

\_\_\_\_\_ Final Fire and Life Safety Inspection

\_\_\_\_\_ Other

#### Water Main:

\_\_\_\_\_ Existing      \_\_\_\_\_ New

Location: \_\_\_\_\_ Size: \_\_\_\_\_

#### Fire Hydrant: (IFC Appendix B&C)

New installation required: Yes / No

Existing Plus New Installation Required: Yes / No

Existing Hydrant(s) Accepted: Number: \_\_\_\_\_ Location: \_\_\_\_\_

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#### Fire Apparatus Access Roads: (IFC Section 503)

Required Fire Flow (gpm) per Construction Type (IFC Appendix B) \_\_\_\_\_

Dead Ends (IFC 503.2.5)

\_\_\_\_\_ Accepted Does Not Exceed 150ft      \_\_\_\_\_ Not Accepted

Turning Radius (IFC 503.2.4) Minimum Inside 20ft 1in Minimum Outside 44ft 7in.

\_\_\_\_\_ Accepted Does Not Exceed 150ft      \_\_\_\_\_ Not Accepted

Fire Lane Marking (IFC 503.3)

\_\_\_\_\_ Required      \_\_\_\_\_ Not Required

\_\_\_\_\_ Metal Signs      \_\_\_\_\_ Painted Curb

Security Gates (IFC 503.6)

\_\_\_\_\_ Required      \_\_\_\_\_ Not Required

\_\_\_\_\_ Padlock      \_\_\_\_\_ Electronic      \_\_\_\_\_ Other

Security Gate Key Pad (IFC 503.6)

\_\_\_\_\_ Required: Fire Department Access code shall be provided.

#### Automatic Sprinkler System:

\_\_\_\_\_ Required      \_\_\_\_\_ Not Required

\_\_\_\_\_ Sprinkler Submittal and Acceptance Testing Document

Fire Line location and size: \_\_\_\_\_

Fire Department Connection (FDC) location: \_\_\_\_\_

\_\_\_\_\_ Remote FDC shall be colored RED and labeled

Hydrant/FDC Proximity: \_\_\_\_\_

Fire Pump Required: Yes / No      Emergency Power Required: Yes / No

Generator Location if required: \_\_\_\_\_

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#### Fire Alarm System:

Required       Not Required

Fire Alarm Submittal and Acceptance Testing Document

Voice Evacuation System Required: Yes / No

Fire Command / Fireman Phone Required: Yes / No

Stair Pressurization / Smoke Control System Required: Yes / No

Automatic Sprinkler System Monitored: Yes / No

Fire Marshal Field Acceptance Test required prior to Certificate of Occupancy issued.

***Existing fire alarm system: interface compatibility may require upgrade as per Code. Shall confirm with Fire Marshal's Office before installation permits issued.***

Key Boxes: (Knox Box IFC 506)

Required: Notify Fire Marshal's Office to have keys locked inside Knox Box prior to occupancy.

#### Commercial Kitchen Hoods (IFC 610)

Required       Not Required

Production of Grease Laden Vapors: Yes / No

Type I Hood Installation

Auto Extinguishing

Fire Marshal Field Acceptance Test required prior to Certificate of Occupancy issued.

#### Premises Identification and Fire Labeling (IFC 505)

Address Numbers visible from the street

Labeling doors to Electrical Control Panel Rooms (IFC 605.3.1)

Portable Fire Extinguishers required for Final Inspection as per 2009 IFC Section 906 and NFPA 10.



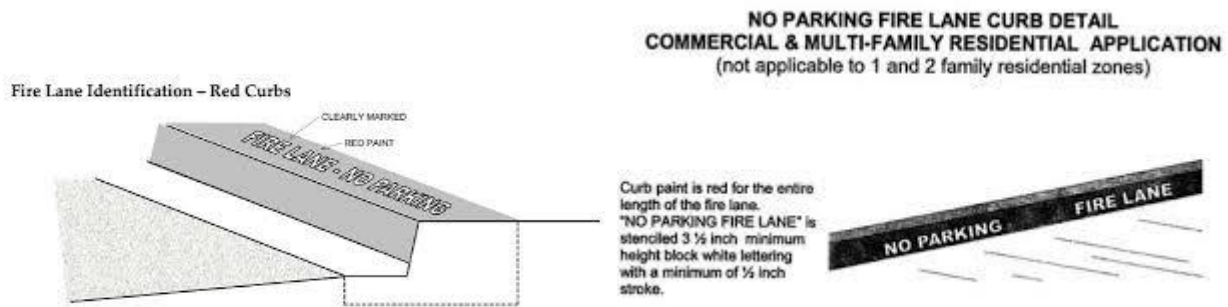
### Fire Lanes

**Fire Lanes and Access Roads shall be determined by the Fire Code Official as outlined in the International Fire Code 2009 Edition Chapter 5.**

503.2.1 Dimensions: Fire Apparatus access roads shall have an unobstructed width of not less than 20 feet.

Section 503.3.1 Maintenance: The owner or person in control of any building for which fire lanes have been designated shall mark and maintain said fire lanes by painting stripes on the surface of said roadways to designate the fire lane for fire apparatus in accordance with the specifications of Section 505.3 and in such a manner so as to be visible to a reasonably observant person.

Section 503.3.2 Specifications for Marking: All required fire lanes shall be provided and maintained with fire lane striping which consists of a six (6) inch wide red background stripe with four (3 ½ ) inch high white letters using three quarter ( ¾ ) inch stroke stating "FIRE LANE NO PARKING" or "NO PARKING FIRE LANE" to be painted upon the red stripe every forty (40) feet along the entire length of the fire lane, showing the exact boundary of the fire lane. The words "FIRE LANE NO PARKING" or "NO PARKING FIRE LANE" must be grouped together as a phrase. Separating the words "NO PARKING" and "FIRE LANE" spacing them forty (40) feet apart does not meet the intention of this code. Fire lane markings shall be upon the horizontal surface of the curb unless otherwise approved by the Fire Marshal.



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Alternative for Asphalt shall be striped yellow or red along the entire distance of the fire department access. The stripes shall be at least 6" wide, be a minimum 24" Letters stating "NO PARKING-FIRE LANE" shall be stenciled on the asphalt at 25-foot intervals.



Section 503.3.4 Alternate Signs Allowed or Required. If the Fire Marshal determines that other means of notice are ineffective to designate a fire lane, signs may be required by written notice to the property owner. These signs shall be in accordance with the requirements of the International Fire Code 2009 Edition. When required, these signs shall be erected and maintained bearing a red legend stating "No Parking Fire Lane" with letters of at least two inches (2") in height on a white reflective background at least twelve inches (12") wide by eighteen inches (18") tall. Signs shall be permanently affixed to a stationary post and the bottom of the sign shall be six feet, six inches (6'6") above the finished grade. Signs shall be spaced not more than fifty feet (50') apart. Signs may be installed on permanent buildings or walls as approved by the Fire Marshal. Additional signs may also be required by written notice from the Fire Marshal.



Roads 20 to 26 feet in width shall be posted or marked on both sides as a fire lane.

Roads more than 26 feet in width shall be posted on one side of the road as a fire lane.

#### Maintenance

All fire lanes shall be maintained and kept in a state of good repair at all times by the owner, manager or person in charge of the premises and the municipality shall never be responsible for the maintenance thereof.