



## Plain Township Fire Department Fire Prevention Bureau

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[www.plaintownship.org](http://www.plaintownship.org)

*An Equal Opportunity Employer*

### Plain Township Fire Department, Franklin County Ohio

#### Specific Provisions Related to the Ohio Fire Code

These provisions state the requirements of the Plain Township Fire Department and its Fire Code Officials and are issued under the authority of the 2017 Ohio Fire Code ("OFC"), including but not limited to Section 104 General Authority and Responsibilities as contained in Ohio Administrative Code Section 1301:7-7-01.

#### A. Applications and Permits

1. Per the OFC, **Section 104.2 Applications and Permits**, the fire code official is authorized to receive applications, review construction documents and issue permits for construction regulated by this code, issue permits for operations regulated by this code, inspect the premises for which such permits have been issued and enforce compliance with the provisions of this code.
2. Per OFC section 104.2.1.1 Receive and review fire protection system and associated fire safety feature related construction documents when notice is provided to the building code official in accordance with section 106.1.2 of the building code as listed in rule 1301:7-7-47 1301:7-7- 80 of the Administrative Code.

***The Plain Township Fire Department has provided notice to the City of New Albany building code official and participates in the plans review process.***

All plans for proposed new, modified, or enlarged structures or developments in the Plain Township Fire Department coverage area shall be submitted to the Fire Code Official for review of fire hydrants, fire alarms, fire apparatus access, fire suppression systems, underground fire lines, fire department connections, etc. prior to any construction.

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**B. Types of Permits**

The following is the Permit/Fee Schedule adopted by the Plain Township Fire Department as set forth in **the Ohio Fire Code Sections 105.1.1 and 105.1.1.2**. All fire protection systems and building plans shall be submitted to the Plain Township Fire Code Official through the New Albany Building Department for review and comment by both entities prior to initiation of any construction. All permits and fees shall be paid in full prior to any demolition or construction. This permit and fee schedule is in addition to those required by the respective Building Code Department.

- The Fire Code Official may waive the fee when the permit is obtained by a non-profit organization or is for a non-profit function.
- As-built plans are required to be submitted by electronic media in PDF format upon completion of construction.
- ALL contractors found working without an approved permit shall be charged twice the permit fee.

All permit fees shall be made payable by check or money order to:

Plain Township Fire Department  
9500 Johnstown Road  
PO Box 273  
New Albany Ohio 43054

**Per OFC 105.1.1 Permits required.** A property owner or owner's authorized agent who intends to conduct and operation or business or install or modify systems and equipment that are regulated by this code, or to cause any such work to be performed, shall first make application to the fire code official and obtain the required construction permits.

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**PTFD Specific Provision to the Ohio Fire Code**

**THE FOLLOWING IS IN ADDITION TO ALL FEDERAL, STATE, COUNTY, LOCAL AND NATIONAL CODES AND STANDARDS.**

**C. Witnessing of Acceptance Testing**

1. The responsible person shall schedule the attendance at and witnessing of an acceptance test or retest by the Fire Code Official at least forty-eight (48) hours prior to the desired date and time for the test.
2. Prior to scheduling a test or retest, the responsible person shall submit to the Fire Code Official a Statement of Compliance (a.901.5.1) of the 2011 Ohio Fire Code. All fees will need to be paid and up to date.

**D. Final Inspection**

1. The responsible person shall schedule a final inspection with the Fire Code Official at least forty-eight (48) hours prior to the desired date and time for the inspection.

**E. Construction Documents**

1. Submittals shall be per OFC Sections 105.4.1 Submittals and 105.4.2 Information on construction documents, with one copy of each submittal, in both paper and electronic media, being tendered to the Fire Code Official.
  - i. Paper Media – One (1) full set of shop drawings, sized 30" X 42" and at a standard engineered scale (1:10, 1:20, 1:30, 1:40, 1:50, 1:60) shall be of sufficient clarity to indicate the location, nature and extent of the work proposed and show in detail that the work will conform to the provisions of the OFC, relevant laws and these Specific Provisions.
  - ii. Electronic Media - One (1) AutoCAD base drawing of each sheet, at a standard engineered scale (1:10, 1:20, 1:30, 1:40, 1:50, 1:60) and with TIFF image, shall be submitted in PDF format on USB drive or via upload through the Mobile Eyes permit portal. Drawings shall be of sufficient clarity to indicate the location, nature and extent of the work proposed and show in detail that the work will conform to the provisions of the OFC, relevant laws and these Specific Provisions.

**F. Hazard communication (OFC Section 407)**

1. In relation to OFC Section 407.2 Material Safety Data Sheets: Providing Material Safety Data Sheets (MSDS) by electronic access in .pdf format is approved and preferred. Submit MSDS electronically to the PTFD prevention department.

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**G. Fire Apparatus Access Roads (OFC Section 503)**

Fire Apparatus Access Roads (FAAR) shall consist of roadways, fire lanes, parking lot lanes, or a combination thereof.

1. The Plain Township Fire Department requires two permanent means of access for developments with over 30 one-family or two-family dwelling units.
2. Fire apparatus access roads shall be designed and maintained to support the imposed loads of fire apparatus weighing at least 75,000 pounds and shall be surfaced so as to provide all-weather driving capabilities.
3. The required turning radius shall be determined by the specifications of the Plain Township apparatus (documents detailing specification will be provided by PTFD). Plans submitted to the PTFD must include a CAD Auto-turn simulation (or equivalent) using the specifications provided. Auto-turn simulations must include front and rear overhang of the apparatus
4. Fire Apparatus Access Road shall not exceed 10 percent in grade (approach/departure angles not to exceed 6 degrees).
5. Vehicle access for firefighting shall be provided to all construction demolition sites. Vehicle access shall be provided to within 100' of temporary or permanent fire department connections. Vehicle access shall be provided by either temporary or permanent roads, capable of supporting the imposed load of fire apparatus weighing at least 75,000 pounds under all weather conditions.

**H. Key boxes (OFC Section 506)**

1. Per OFC Section 506.1 When required: All commercial buildings shall be equipped with key boxes, at a minimum being a 3200 Series hinged door Knox Box®. A key box is required for the front door and may be required in multiple access points for the building depending on size and building configuration. In all cases, the Knox Box® shall be located outside of the main front door with the height to the top of box being forty-eight (48) inches off finished grade (OFG). Additionally, if the building has an exterior access to the fire protection equipment room, a Knox Box® may be required for that door. The location of the key boxes shall be approved by the Plain Township Fire Prevention Bureau prior to installation. Keys are required from all tenants however a master key system is preferred.
  - i. OFC Section 506.1.1 Locks: Approved locks shall be Knox Locks®, except post indicator valves shall have a breakaway type lock.
  - ii. OFC 506.1.2 A Knox Box® Elevator box is required to satisfy this requirement of the OFC.

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#### I. Fire protection water supplies (OFC Section 507)

1. In relation to OFC Section 507.3 Fire flow: The approved method for determination of fire flow requirements for any A, B, E, I, M, R, S, F, H or U use group shall be that provided by Section B105 Fire-flow requirements for buildings and Table B105.1 Minimum required fire-flow and flow duration for buildings of Appendix B Fire-flow requirements for buildings of the OFC.
2. Private fire hydrants shall be installed, inspected and accepted per NFPA 24/25 as referenced in the current Ohio Fire Code. Additionally, the specifications and approval and acceptance test(s) of the City of New Albany shall also apply. Private fire hydrants shall be painted red with a white bonnet. Post indicator valves (PIV's) shall be painted red with a white reflective band around the bonnet or barrel.
3. Municipal fire hydrants shall be inspected, and flow tested by the PTFD prior to being placed into service. Each project shall provide 1 spare "screw on" type Storz fitting for every five (5) fire hydrants installed on the water line to be used at the discretion of the Fire District. They shall be delivered to the Fire District prior to final acceptance of the project.

#### J. Automatic sprinkler systems (OFC Section 903)

1. In relation to OFC Section 903.4 Sprinkler system supervision and alarms: Post indicator valves controlling water supplies shall be supervised and shall have a breakaway lock. A post indicator valve shall have a sign, eighteen (18) inches in width and twelve (12) inches in height identifying what it controls and stating the address of the building. The sign shall be attached to the post indicator valve barrel. Bollard protection shall also be required.
2. In relation to OFC Section 903.4.2 Alarms: A weatherproof audible electronic bell shall be required to indicate water flow in sprinkler systems.

#### K. Fire alarm and detection systems (Section 907)

1. Stand-alone Remote Duct Smoke Detector remote indicators shall be installed to the right side of the main front door (determined facing the door from the outside), no more than three feet (3') inside the front door and shall be approved by the Plain Township Fire Prevention Bureau prior to installation.
2. Duct Remote Indicator Signage – A permanent sign shall be placed above the remote as to their function for both trouble and alarm.
3. A permanent sign shall be attached to the ceiling grid below a hidden smoke detector unit or a duct detector and is identified with the same language as the fire alarm panel, or as otherwise required by the Plain Township Fire Prevention Bureau.
4. A Remote Fire Alarm Annunciator Panel shall be located inside of the main entrance. Additional annunciator panels may be required.
5. A fire alarm document box shall be installed at the area of the main fire alarm panel and shall include current as-built drawings. Electronic as-built drawings as well as a points list shall be submitted to the PTFD fire prevention bureau.

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**L. Section 912 Fire department connections (OFC Section 912)**

1. As defined in the Ohio Fire Code and the Ohio Building Code, the fire department connections shall be compatible with the connections of the AHJ. All threads provided for the fire department connections to the sprinkler system(s) or any other fire system supplying shall be a 5" Stortz connection with a 30-degree angle towards the ground. It shall also be 36" off the finish grade.
2. All fire department connections for the sprinkler system and standpipe systems shall be installed in a location approved by the Plain Township Fire Department and be within 50' of the nearest approved fire hydrant. The fire department connection shall be marked with a red aluminum sign, 18" in height and 24" in width be mounted near the fire department connection with the final location to be approved by the Plain Township Fire Department. The sign shall have white letters reading "FDC" that are 6" in height and 1" stroke width. The fire department connection shall also have signage attached to the FDC, of Red aluminum that shall have 1" white letters containing the building address and what the required pump pressure shall be for the suppression system.
3. The water line shall be a minimum of 6" diameter line from the 5" Stortz fitting to the sprinkler riser. The fire department connection line may be a 4" line if the sprinkler water line into the building is a 4" or smaller line.
4. If the fire department connection is in an area subject to vehicular, impact bollards shall be installed to protect the connection following the OFC 312 guidelines.
5. Private fire service mains and their appurtenances shall be installed, flushed and tested per NFPA 24.