



**NOBLESVILLE FIRE DEPARTMENT  
FIRE PREVENTION BUREAU  
INSPECTION DIVISION**

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**NOBLESVILLE FIRE DEPARTMENT ACCESS AND  
WATER SUPPLY REQUIREMENTS**

(2008 INDIANA FIRE CODE: CHAPTER FIVE)  
(NOBLESVILLE FIRE PREVENTION ORDINANCE §92)

**2008 INDIANA FIRE CODE (675 IAC 22-2.4)**

- 501.3 Fire Apparatus Access: Plans for fire apparatus access roads shall be submitted to the fire department for review *prior* to construction.
- 501.3 Fire Hydrant Systems: Plans and specifications for fire hydrant systems shall be submitted to the fire department for review *prior* to construction.
- 501.4 Timing of Installation: When fire apparatus access roads or fire hydrants are required to be installed, such protection shall be installed and made serviceable *prior* to construction. Hydrants and roads shall be maintained during construction.
- 505.1 Premise Identification: New buildings shall have approved address numbers, building numbers, or approved building identification placed in a position to be plainly legible and visible from the street or road fronting the property. These numbers shall be a minimum of 4” high and contrast with their background.
- 503.1.1 Required Access: Approved fire apparatus access roads shall be provided for every facility, building or portion of a building hereafter constructed or moved into or within the jurisdiction. The fire apparatus access roads shall comply with the requirements of this section and shall extend to within 150 feet of all portions of the facility or any portion of the exterior wall of the first story of the building as measured by an approved route around the exterior of the building or facility.  
Exception:  
The building is equipped throughout with a supervised automatic sprinkler system and not used for high-piled combustible storage in excess of 12,000 square feet.

- 503.2.1 Dimensions: Fire apparatus access roads shall have an unobstructed width of not less than 20 feet, except for approved security gates, and an unobstructed vertical clearance of not less than 13 feet and 6 inches. *(26 feet for buildings over 30 feet in height – Unified Development Ordinance F-1)*
- 503.2.3 Surface: Fire department access roads shall be designed and maintained to support the imposed loads for fire apparatus and shall be surfaced so as to provide all-weather driving capabilities. *(City of Noblesville specifications)*
- 503.2.5 Dead ends: Dead-end fire apparatus access roads in excess of 150 feet in length shall be designed to allow the turning around of the longest piece of fire apparatus.
- 503.2.6 Bridges: Where a bridge or an elevated surface is part of a fire department road, the bridge shall be constructed and maintained in accordance with AASHTO *(Standard Specification for Highway Bridges)*.
- 503.4 Obstruction: Fire apparatus access roads shall not be obstructed in any manner, including the parking of vehicles. Minimum widths and clearances established in Section 503.2.1 shall be maintained at all times.
- 506.1 Key boxes: Whenever the servicing fire department has instituted a key box emergency access system, a key box compatible with that system shall be installed in an accessible location **if:**
- (1) The building is protected with an automatic sprinkler system equipped with a local or transmitted water-flow alarm **or**
  - (2) The building is provided with any fire alarm system equipped with an outside audible/visual signaling device **or**
  - (3) The building is provided with any fire alarm system where the alarm is transmitted to an off-site location or to the fire alarm center for the servicing fire department.
- 506.2 Key Box Maintenance: The building owner shall provide such keys necessary to access all protected areas of the building. The operator of the building shall immediately notify the fire department and provide the new key when a lock is changed.
- 508.1 Required Water Supply: An approved water supply capable of supplying the required fire flow, for firefighting purposes, as determined by local ordinance.
- 508.5.1 Fire Hydrant System Requirement: Where a portion of the facility or building hereafter constructed or moved into or within the jurisdiction is more than 400 feet from a hydrant on a fire apparatus access road, as measured by an approved

Exception:

For buildings equipped throughout with an approved automatic sprinkler system, the distance shall be 600 feet.

- 508.5.5 Clear Space Around Hydrants: A 3 foot clear space shall be maintained around the circumference of fire hydrants.

## **NOBLESVILLE FIRE PREVENTION ORDINANCE (§92.05)**

A. WATER MAINS:

All water mains hereafter installed in or adjacent to the City of Noblesville or Noblesville Township with respect to which fire protection shall be required or requested for the benefit of owners of property adjoining or served from such mains shall be made with approved pipe of not less than six inches (6”) inside diameter.

B. REQUIRED WATER SUPPLY FOR FIRE PROTECTION:

All Class 1 structures or portions of Class 1 structures hereafter constructed shall be provided with a water supply capable of providing the required fire flow for firefighting purposes for a minimum of two (2) hours. In setting the requirements for the fire flow, the Fire Chief, or his designee, may utilize the International Fire Code (IFC), as in effect from time to time, Appendix B entitled “Fire Flow Requirements for Buildings” as a guide.

C. FIRE HYDRANTS:

1. All private fire hydrants and water mains shall be installed and maintained as set forth in the NFPA 24 2007 Edition. In determining the location and spacing of fire hydrants, the Fire Chief, or his designee, may utilize the International Fire Code (IFC), as in effect from time to time, Appendix C entitled “Fire Hydrant Locations and Distribution” as a guide.
2. All fire hydrants required by the Fire Chief or his designee, shall be approved by the City of Noblesville Fire Department and accepted by the water utility having jurisdiction prior to any construction above the foundation.

3. Within the fire protection district of the Noblesville Fire Department, all new and existing fire hydrants shall be equipped with connections that are compatible with the Noblesville Fire Department hydrant adapters.
4. Whenever the provisions of this Ordinance require the installation of a public or private fire hydrant, such hydrant shall meet the specifications outlined in the Noblesville Fire Department Fire Hydrant Specifications list which is maintained at the office of the Noblesville Fire Prevention Bureau Inspection Division.

D. DEAD-END WATER MAINS:

1. Six inch (6") dead-end private water mains that supply one (1) fire hydrant shall not exceed one hundred fifty feet (150').
2. An eight inch (8") dead-end private water main that supplies one (1) fire hydrant shall not exceed five hundred feet (500').
3. A dead-end private water main that supplies a fire sprinkler system (and/or a standpipe system) and two (2) or three (3) fire hydrants shall have a minimum inner diameter of eight inches (8").
4. A fire service private water main that supplies four (4) or more fire hydrants shall be tapped off a distribution supply main in two (2) separate areas (looped).
5. A Class 1 structure with private water mains that has a required fire flow of four thousand (4,000) gallons per minute (GPM), regardless of the number of required fire hydrants, shall be designed as a loop system. When determining the required fire flow, the Fire Chief, or his designee, shall utilize the International Fire Code Appendix B, "Fire Flow Requirements for Buildings" as a guide.

**ADDITIONAL FIRE DEPARTMENT ACCESS AND WATER SUPPLY REQUIREMENTS CAN BE FOUND IN:**

- **THE 2008 INDIANA FIRE CODE (675 IAC 22-2.4-6)**
- **THE CITY OF NOBLESVILLE FIRE PREVENTION ORDINANCE (§92.06)**
- **THE CITY OF NOBLESVILLE UNIFIED DEVELOPMENT ORDINANCE (F-1)**

