



**NOBLESVILLE FIRE DEPARTMENT**  
**FIRE PREVENTION BUREAU**  
**INSPECTION DIVISION**  
MATT MITCHELL – DIVISION CHIEF  
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RYAN FLORA – PT FIRE INSPECTOR



City of Noblesville  
**DRY HYDRANT**  
Specifications

The City of Noblesville Fire Department requires that the installation of Dry Hydrants meet the stipulations of NFPA 1142 and the following criteria:

1. All plans for the design and location of dry hydrants shall be submitted and approved by the City of Noblesville Fire Marshal.
2. Dry Hydrant(s) shall be designed and constructed to provide a minimum flow of **1000 gpm** at draft.
3. The dry hydrant shall consist of a six (6) inch in diameter female swivel connection with National Standard Threads (NST) and be provided with a *plug*.
4. The center of the connection shall project out at a 90-degree angle and be **30 inches** from the finished grade of the fire apparatus access point.
5. If possible, no more than the equivalent of two 90-degree elbows shall be used in the total system and under no circumstances shall less than Schedule 40 PVC pipe and component fittings be utilized.
6. Dry Hydrants(s) shall be designed and constructed so that slope and piping configuration does not impede drafting capability.
7. Dry hydrants shall be located to be accessible under all weather conditions, have a minimum clearance of twenty (20) feet on each side, and be identified by approved reflective markings.
8. System design and connection location shall ensure that the hydrant is accessible by fire apparatus and can be reached with one *or* two ten (10) foot sections of hard suction hose.
9. Dry hydrant installations shall include an approved strainer or suction screen. There shall not be less than two (2) feet of water above and eighteen (18) inches below the strainer.