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## CH15 15 .28 - Water Service

- A. All proposed plats submitted to the Commission for approval, under the provisions of this chapter, shall provide for the installation of a complete potable water and fire protection distribution system.
- B. Private or semi-public water supplies and distribution systems shall not be allowed with the exception of single family or single owner systems. Should the owner/developer wish to install individual wells for the potable water supplies on a per lot basis, he shall demonstrate that:
1. Adequate water supplies are available by test drilling and providing a report prepared by a certified ground water hydrologist.
    - a. The scope of the testing and report shall be determined by the hydrologist and the Town Engineer.
    - b. The report shall specify the type of well to be constructed, the approximate depth, and expected quantity of water available for the area, consideration being given to the proposed density of the plat and/or demand placed upon the aquifer.
  2. The cost of connecting to the public water systems prohibitive. This does not mean to show that it costs more than a private well system, but that the resulting cost would make the project unfeasible. The cost difference shall exceed 200% before the Commission shall make any consideration of private systems.
  3. Further, the Commission shall retain the authority to waive all considerations and only approve the installation of the public water supply system.
- C. Should private wells be allowed, the covenants of the recorded plat shall reflect that private wells are to be installed and that the town is not now or in the future obligated to provide, furnish or have any liability for fire protection, that could have been provided by the public water supply
- D. Private wells and water systems shall be approved by the Madison County Health Officer, and be constructed in accordance with the rules, regulations and approval of the Indiana State Board of Health.
- E. The extension of public water supplies and distribution systems shall be made at the sole expense of the owner/developer. The construction plans, shall be approved by the IDEM, and shall be on file with the Director of Development or his designee prior to the issuance of the Plat Approval and Town Engineer.
- F. It shall be the developer's responsibility to coordinate the installation of the water system. Conflicts with prior constructed utilities and damage to them shall not be allowed, and the work shall be stopped, and

damages repaired before allowing the work to continue.

G. No permits for the construction of single-family detached homes shall be allowed in a subdivision, until all street infrastructure and the sanitary sewer system have been installed and released by the Town Engineer.

H. Fire Hydrants.

1. Waterous Pacer WB-67-250 with yellow paint only;
2. Shall conform to AWWA C-502 "standard for dry barrel fire hydrants";
3. Steamers shall have permanent mounted 5-inch Stortz fittings with thumb lock. NO ADAPTORS;
4. Shall be of the traffic model design;
5. Main valve openings shall be a minimum of 5- 1/4 inch;
6. The bronze valve seat shall thread into a bronze sub-seat
7. The all bronze drain plunger shall be positively operated by the main operating rod;
8. Nozzle section shall have 360-degree rotation capabilities;
9. Shoe and lower valve washer shall be coated inside with fusion-bonded epoxy;
10. Design shall allow for plugging of drains without excavating;
11. Steamers shall face street or road.

I. Fire Protection Systems

1. The FDC (fire department connection) to any fire protection system or standpipe will be equipped with a 5" Stortz fitting;
2. A fire hydrant will be located in close proximity to the FDC. The exact location of that hydrant will be determined by the Fire Chief;
3. Hose connections to the standpipe(s) shall be NST fire hose threads. The Fire Chief shall be consulted as to the size and location of those connections;
4. An unobstructed fire apparatus access road will be provided with a width of not less than twenty (20) feet and an overhead clearance of not less than 13 feet 6 inches;
5. Apparatus access road surface shall be designed and maintained to support the imposed loads of said apparatus and shall be provided with a surface so as to provide all-weather drivability;
6. Apparatus access road turning radius shall be approved by the Fire Chief.