



Public Health
Prevent. Promote. Protect.

Fairfield Department of Health
Environmental Division

Yard Hydrant Installation

The protection of the potable water supply is one of the ways to maintain the health and safety of the occupants of a structure. There are requirements for the protection of the potable water supply that keep the potable water system safe.

One requirement does not allow stop and waste valves to be installed underground on a potable water supply system unless there is backflow protection installed. A stop and waste valve such as a yard hydrant **with** a "weep hole – waste outlet" requires protection for the potable water supply.

plumbing system

The water supply after the well water holding tank shut off valve is in the jurisdiction of a plumbing inspector at the health department.

Installation requirement for yard hydrant with ASSE 1057 standard.

> install accessible shut off valve to the yard hydrant(s) and install the yard hydrant(s) per installation instructions

Installation requirement for yard hydrant with "weep hole – waste outlet".

> install accessible shut off valve to the yard hydrant(s) and install the yard hydrant(s) per installation instructions
> on the yard hydrant a sign stating "nonpotable-not safe for drinking"
> on the water supply pipe inside label the pipe "nonpotable"
> install a backflow device meeting the standard of ASSE 1013 or ASSE 1056 inside on the water supply

- ASSE 1013 will discharge water and requires a drain pipe and a safe place of disposal
- ASSE 1013 discharge opening minimum 12" above floor, not allowed in a pit

- ASSE 1056 installed 6" above the yard hydrant height

- ASSE 1013 and 1056 need to be installed per manufacturer's installation instructions
- ASSE 1013 and 1056 need to be tested by a stated certified tester and a copy for the health department
- ASSE 1013 and 1056 are required to be tested annually by a state certified tester

well system

The water supply from the well to the well water holding tank shut off valve is in the jurisdiction of the sanitarian at the health department. See the Ohio Department of Health Private Water Rules.

Ohio Department of Health Private Water Rules:

3701-28-08 Requirements for all private water systems.

(B) For purposes of this rule:

(3) "**Yard hydrant**" means a device that is located outside of a building, equipped with a valve mechanism that controls the delivery of potable water, and is not designed to supply a fire department pumper.

"**Weep hole**" means a small diameter hole or series of holes located in the wall of the supply pipe for a yard hydrant that allow for drainage of accumulated water from the delivery piping. These holes are usually part of a plunger and valve system that seals off the holes during water usage and opens the holes during shutdown. These openings are located below ground level and below the frost line in areas where the threat of freezing exists.

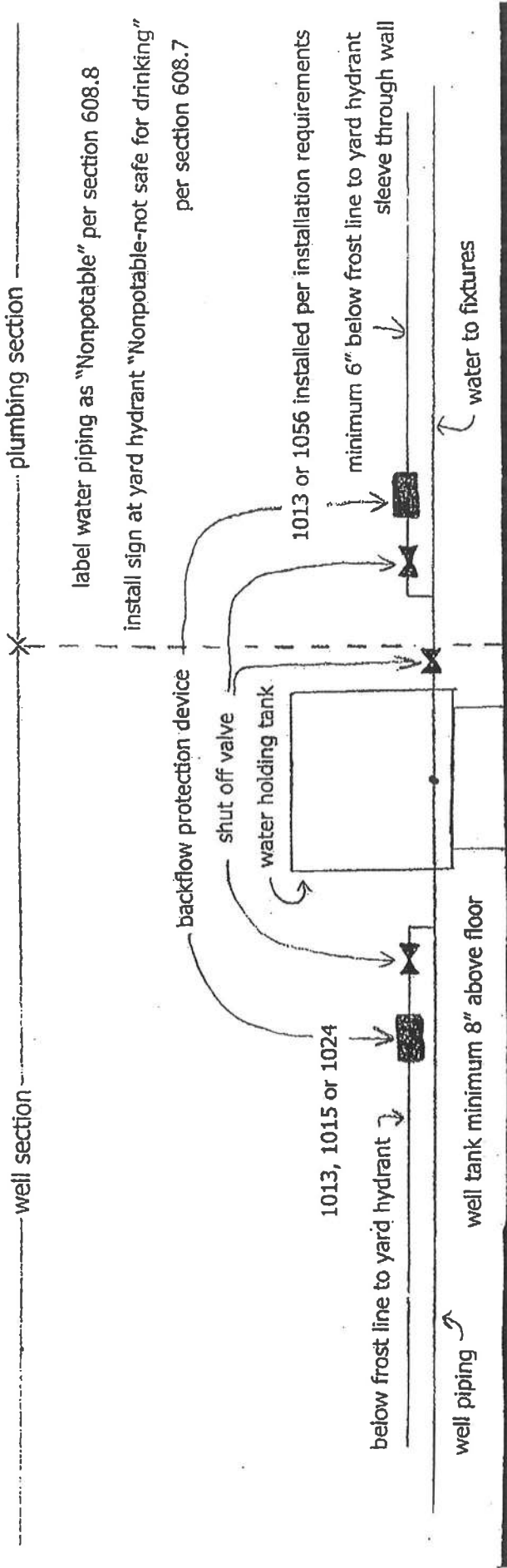
(K) All backflow prevention devices installed on a service line shall comply with ASSE **1013, 1015 or 1024.**

(N) Service line connections supplying water to a **yard hydrant** meeting ASSE standard **1057** or as approved by the department shall not be required to have a backflow prevention device installed prior to the yard hydrant. For yard hydrants meeting this standard, the department may require a backflow prevention device, meeting ASSE standard **1024**, on the hose bibb to prevent backflow or backsiphonage. All other yard hydrant service line connections shall meet the requirements in paragraph (K) of this rule.

Replaces: 3701-28-08, 3701-28-11, 3701-28-16
Effective: 04/01/2011
R.C. 119.032 review dates: **04/01/2016**

Yard Hydrant installation with weep hole draining into ground

Ohio frost line is 30"



Yard Hydrant installation with hydrant meeting ASSE 1057 standard

Ohio frost line is 30"

