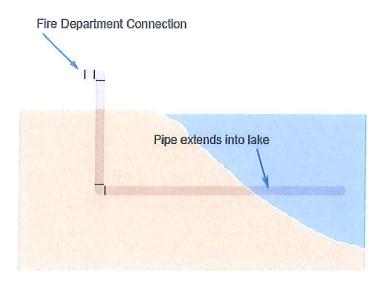
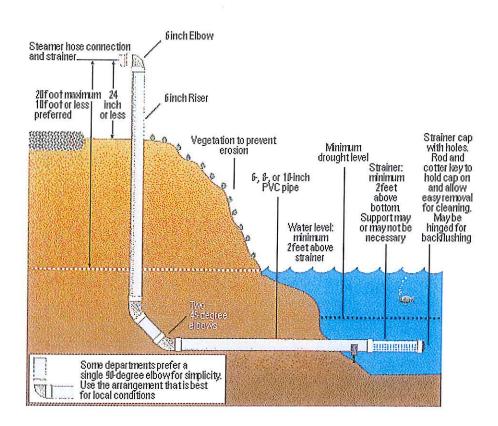
## Dry Hydrant

A <u>fire hydrant</u> with a screen located at the bottom of a pipe in a static source of water. The hydrant remains dry until used, this prevents the hydrant from freezing in sub-zero temperatures. A dry hydrant is also an unpressurized pipe that can be used to draft (or draw) water from a pond or lake.





## <u>Cistern</u>

An underground water storage tank that is intended for firefighting use in areas with inadequate water supply. With a 50,000 gallon cistern tank it would allow approx. 50 to 60 minutes of firefighting activities during a structure fire and would allow time to setup alternative sources of water to established.



## Drafting from a static source of water

For an alternative water supply source, many communities tap into a river, lake or pond. However, because of poor access for fire apparatus, pump operators subsequently find that they must draft under less-than-ideal conditions. Fire apparatus carry 20 to 30 feet of hard suction hoses, these are used to draft water from a lake, pond or a static source of water. The maximum height that water can be drafted is 15 feet vertical from the water source.



## Floating Dock Strainer

This device allows engines or tankers to draft from a static water source. The strainer floats on the surface of the water and does not need additional equipment to keep it off the bottom of the water source.

