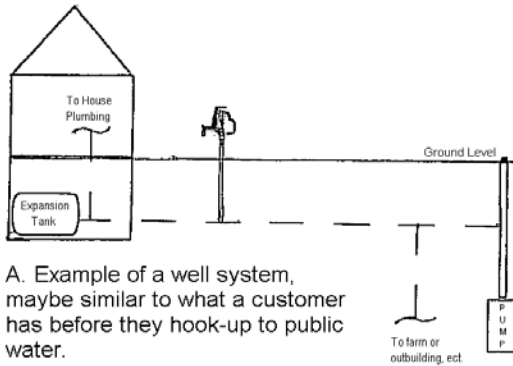


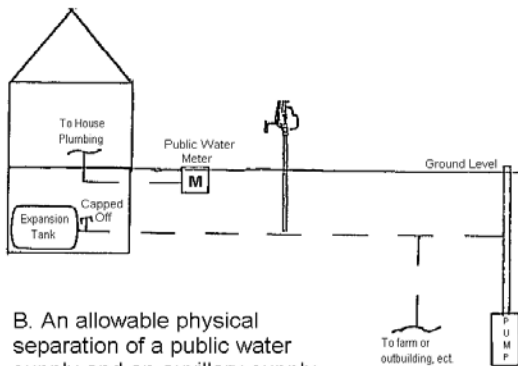
# PUBLIC & SECONDARY SOURCE OF SUPPLY WATER PIPING



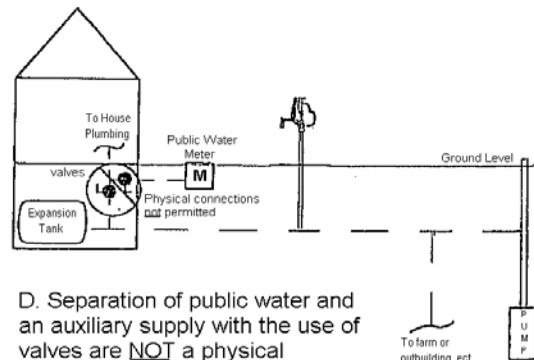
A. Example of a well system, maybe similar to what a customer has before they hook-up to public water.

IDEM'S Cross-Connection Rule (IAC 8-10-5) states; No secondary source of supply shall have a physical connection to the public water supply. Here are some examples that are allowable and what are NOT allowable, with or without a backflow prevention assembly.

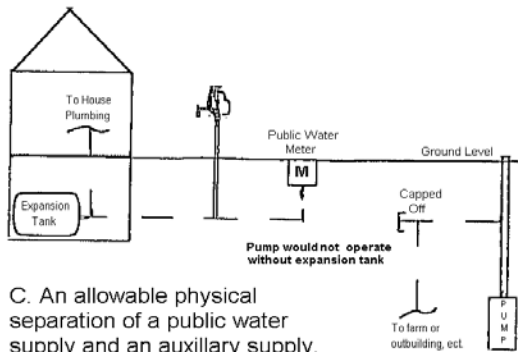
It is best if the physical separation can be made in a place where future visible inspections can be made, such as in the house or well pump pit; as shown in example "B". If the physical separation is made underground the customer maybe required to expose the separation at their expense, so the "District" can make a visible inspection; as shown in example "C".



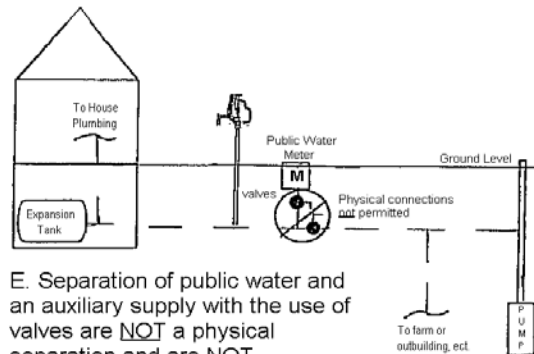
B. An allowable physical separation of a public water supply and an auxiliary supply.



D. Separation of public water and an auxiliary supply with the use of valves are NOT a physical separation and are NOT PERMITTED. (IAC 8-10-5)

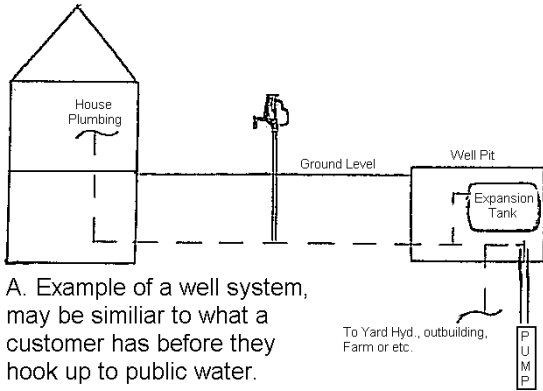


C. An allowable physical separation of a public water supply and an auxiliary supply.



E. Separation of public water and an auxiliary supply with the use of valves are NOT a physical separation and are NOT PERMITTED. (IAC 8-10-5)

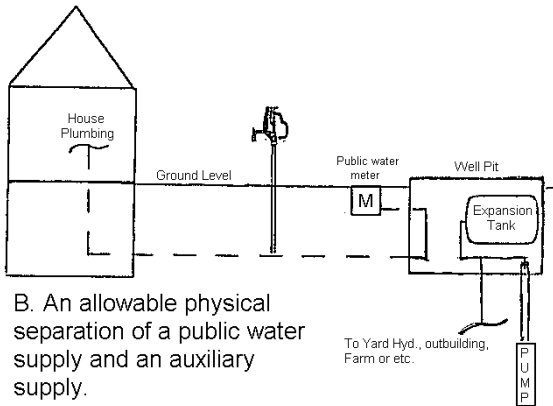
# PUBLIC & SECONDARY SOURCE OF SUPPLY WATER PIPING



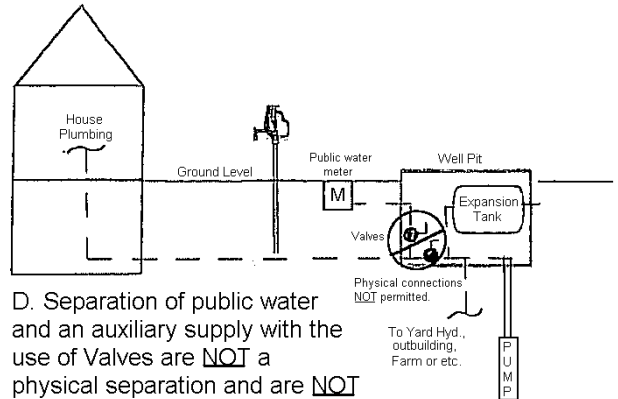
A. Example of a well system, may be similar to what a customer has before they hook up to public water.

IDEM'S Cross-Connection Rule (IAC 8-10-5) states; No secondary of supply shall have a physical source connection to the public water supply. Here are some examples that are allowable and what are NOT allowable, with or without a backflow prevention assembly.

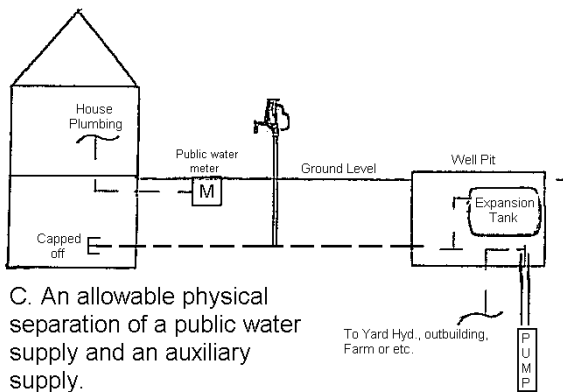
It is best if the physical separation can be made in a place where future visible inspections can be made, such as in the house or well pump pit; as shown in example "B" & "C".



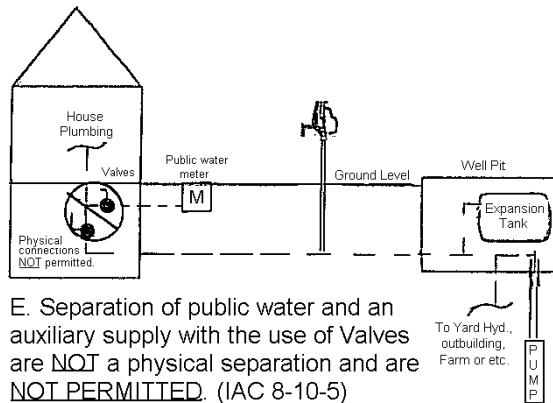
B. An allowable physical separation of a public water supply and an auxiliary supply.



D. Separation of public water and an auxiliary supply with the use of Valves are NOT a physical separation and are NOT PERMITTED. (IAC 8-10-5)

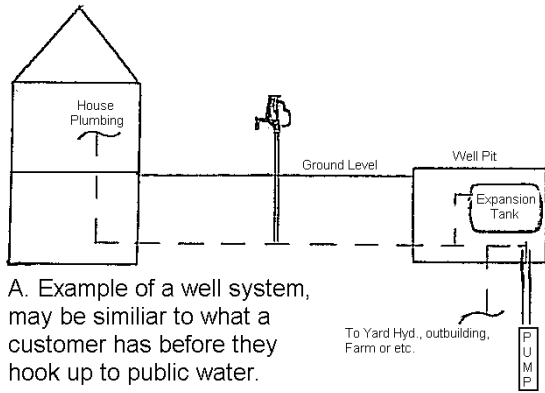


C. An allowable physical separation of a public water supply and an auxiliary supply.



E. Separation of public water and an auxiliary supply with the use of Valves are NOT a physical separation and are NOT PERMITTED. (IAC 8-10-5)

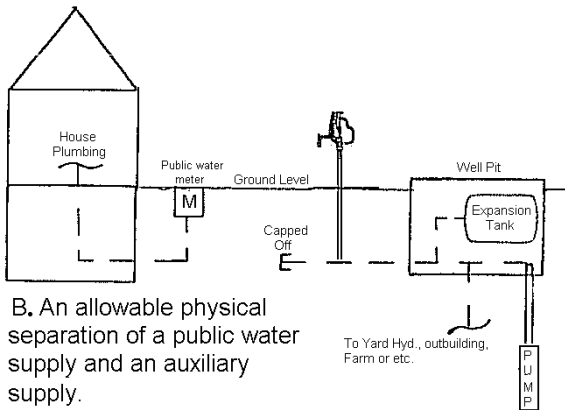
# PUBLIC & SECONDARY SOURCE OF SUPPLY WATER PIPING



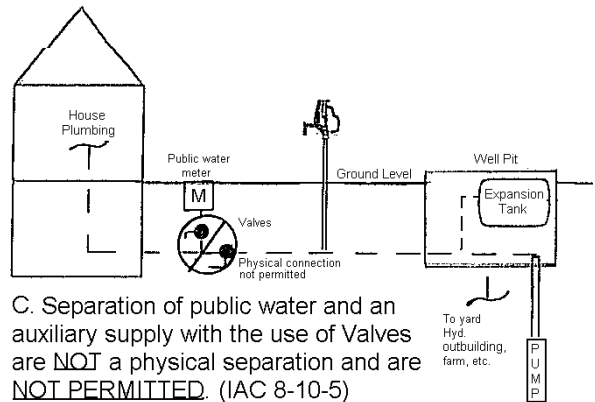
A. Example of a well system, may be similar to what a customer has before they hook up to public water.

IDEM'S Cross-Connection Rule (IAC 8-10-5) states; No secondary source of supply shall have a physical connection to the public water supply. Here are some examples that are allowable and what are NOT allowable, with or without a backflow prevention assembly.

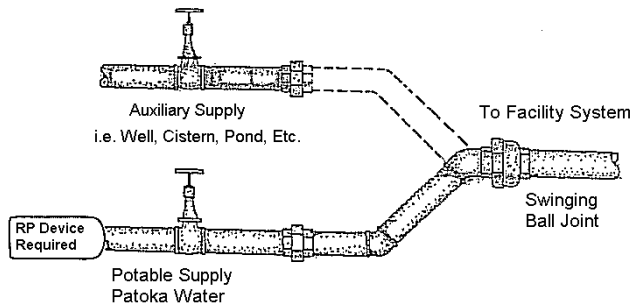
If the physical separation is made underground the customer maybe required to expose the separation at their expense, so the "District" can make a visible inspection; as shown in example "B".



B. An allowable physical separation of a public water supply and an auxiliary supply.



C. Separation of public water and an auxiliary supply with the use of Valves are NOT a physical separation and are NOT PERMITTED. (IAC 8-10-5)



If the customer chooses to alternate from public supply to auxiliary supply a reduce pressure backflow prevention assembly is required on the customer potable water service line. In addition to the backflow prevention assembly, the line to the facility must be permanently connected and be able to alternate from potable to auxiliary supply by using the same connection, this would eliminate the two supplies being physically connected at any time (As shown to the left).