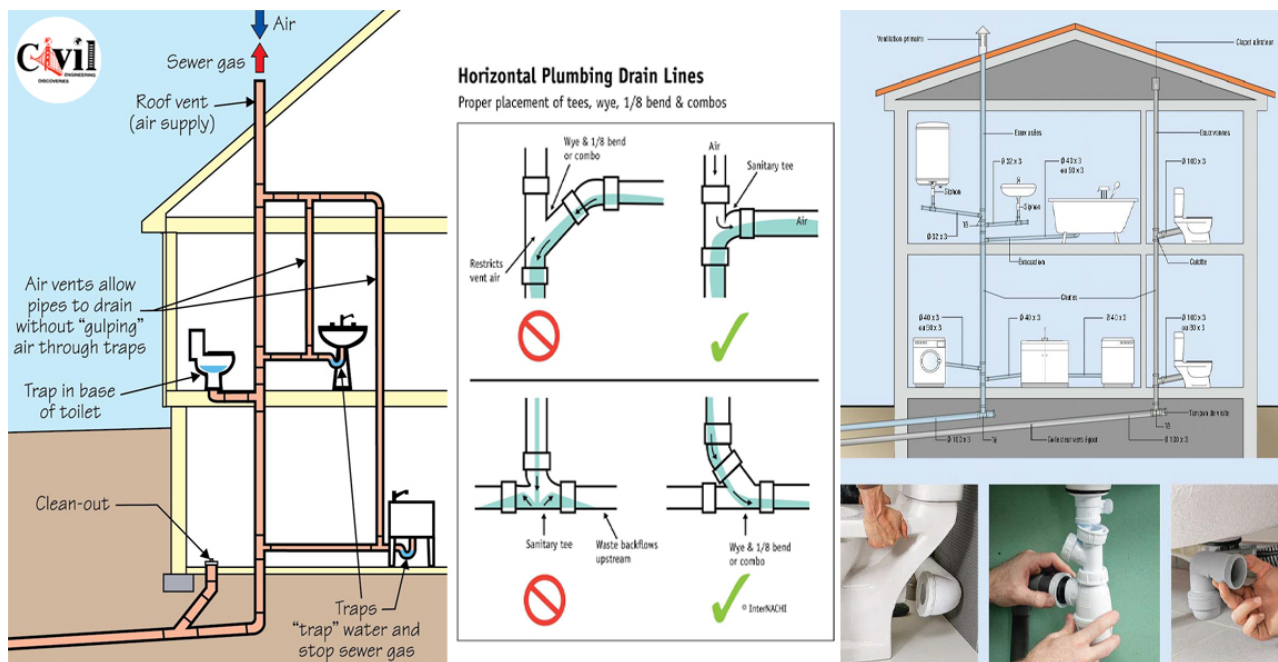


Understanding The Plumbing Systems In Your Home

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Engineering Discoveries

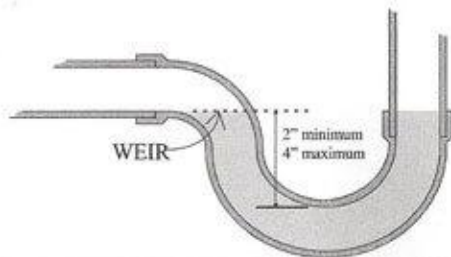
September 25, 2021



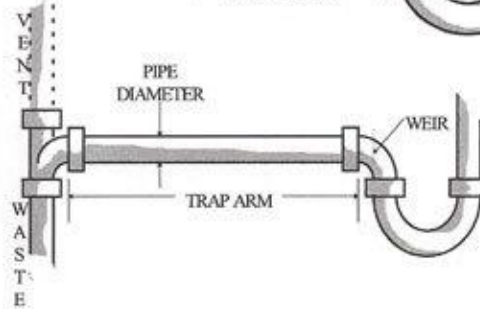
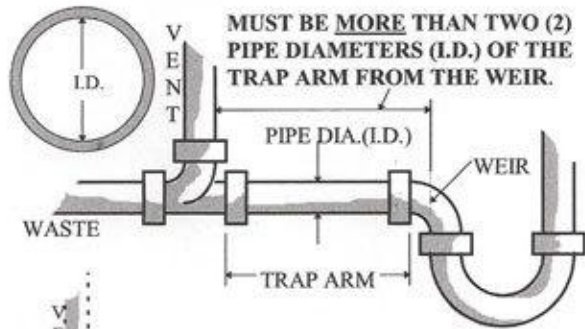
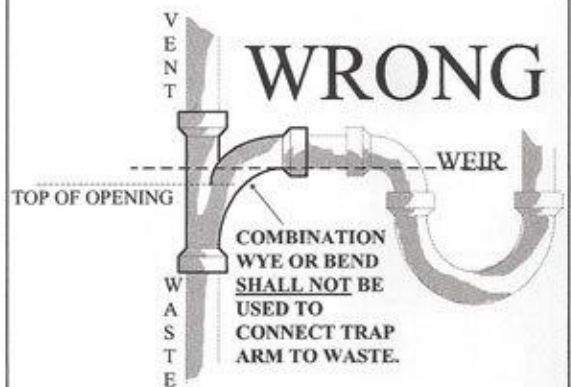
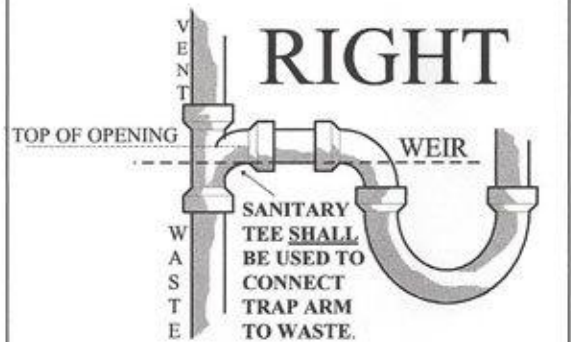
There are two basic systems to your home's plumbing: the one that gets the clean water in and another that takes the dirty water away. They are connected in the middle by your fixtures: sinks, showers, toilets, and appliances like washing machines and dishwashers. Once it's in your home, your clean water supply gets divided into cold water and hot water systems.

[Click Here To See Useful Standard Bathroom Dimension Ideas](#)

P-TRAPS



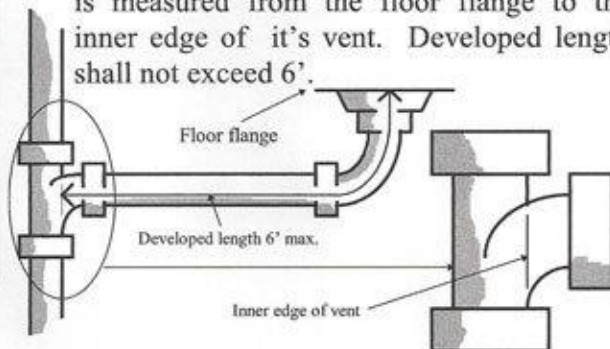
The weir of a p-trap must be below the top of the opening in the fitting that connects it to its vent.



Horizontal Length of Trap Arms (Except for water closets and similar fixtures)*

Trap Arm Pipe Size (I.D.)	Distance Trap to Vent	
	Max.	Min.
1-1/4"	2' 6"	2 1/2"
1-1/2"	3' 6"	3"
2"	5'	4"
3"	6'	6"
4"	10'	8"

* The length of Water closet (toilet) trap arms is measured from the floor flange to the inner edge of its vent. Developed length shall not exceed 6'.



HOUSE PIPING SYSTEM

Water Supply Household DWV

