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§13 Soil pipes and anti-Syphon pipes:

Soil pipes: Soil pipe is a pipe that Conveys Sewage or wastewater reliably, either from the toilet or Sink to a Soil drain or Sewer. Needless to say, there are many pipes within your home that Carry water, but there are just as many that Carry waste from your property.

Anti-Syphon pipe: An extra Connected to the outlets of toilet Seats of all the floors, the other end of which is exposed to atmosphere is called anti-Syphonage pipe. This difference of air pressure Causes the water Seal in the toilet Seat to get Sucked out the pipe.

§23 Sanitary fixtures and traps;

Sanitary fixtures: Sanitary fixtures are Installed in different areas. Bath tubs, washstands, Shower Sump, traps, and bidets are Installed in bathrooms, washrooms, and Shower rooms. Toilet bowls, lavatory pans, and urinals of various types, whether equipped with flush tanks or taps, are Installed in lavatories.

Sanitary traps: In plumbing, a trap is a device Shaped with a bending pipe path to retain fluid to prevent Sewer gases from entering buildings while allowing waste materials to pass through. In oil refineries, traps are used to prevent hydrocarbons and other dangerous gases and chemical fumes from escaping throug drains. In domestic applications, trap are typically U, S, Q or J Shaped Pipe located below or within a plumbing fixture.

Cross-Connection: A Cross-Connection is any temporary or permanent Connection b/w a public water System or Consumer's Potable (i.e drinking) water system and a Source or system Containing non-potable water or other substances. An example is the piping b/w a public water system or Consumer's potable water system and an auxiliary water system, Cooling system or Irrigation system.

→ **Back-Syphonage Control:** Back-Siphonage is backflow Caused by a negative pressure (i.e a Vacuum or Partial Vacuum) in a public water system or Consumer's potable water System.

The effect is Similar to drinking water through a Straw. Back-Siphonage Can occur when there is a Stoppage of water Supply due to a ~~an~~ nearby fire fighting, a break in a water main.