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ID # 7510

Question #1

Soil pipes :-

A soil pipe is for the solid waste. This type of pipe will carry water and solids into the sewer. While any pipe could physically perform a task. The soil pipes are also known as a soil vent pipe, as installed in many homes has a specific quality. First it is of a dimension to allow solid waste to pass, Second it is vented in a very specific way to maintain a safe environment and reduce odours. Soil pipes are vented high at the top or near to top of building, thanks to soil pipes stacks, to allow gases produced by waste to vent safely in the atmosphere.

Antisiphons Pipes:

An extra pipe connected to the outlets of all the toilet seats of all the floors, the other end which is exposed to atmosphere is called anti siphons Pipe.

Question #2

Sanitary fixture and traps:-

Sanitary fixtures are installed in different areas. Bathtubs, washstands, showers, trap 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 traps are installed in lavatories.

The following Sanitary traps are commonly used

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Question #3

Cross Connection and back siphonage:

Back-siphonage occurs when higher pressure fluids, gases, or suspended solids moves to any area of lower pressure fluids. A significant drop of pressure in a water delivery system creates a suction pulling material into the system. This is an indirect example of cross connection.