

Assignment # 2

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Subject # Waste Water
Engg.

Q No 01

Answer Soil Pipes

Soil pipe is a pipe that conveys sewage or wastewater reliably either from the toilet or sinks 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. As the place to go for every pipe requirement, you will discover a wide range of soil pipes at Total Pipelines Systems.

Within your home, there are specific pipes to remove waste from your home and if you are to maintain them, you need to know the difference between soil pipe and waste pipe.

Anti-siphon Pipes

The size of anti-siphonage pipes merits careful consideration, but no hard and fast rule can be laid down. For a single fitting the sectional area of the anti-siphonage pipe needed not be much more than half that of the waste water. As a rule, air not, and drain-air will therefore pass through the soil-pipes and through the anti-siphon pipes connected with them. The main anti-siphonage pipe is generally connected to the upper continuation of the waste pipe above the highest fitting. This economises pipes and is quite as effective as carrying it up independently to the same height.

Q No 02

Answer Sanitary ~~Fixtures~~ Fixtures

Sanitary fixtures are installed in different areas. Bathtubs, washstands, Shower sumps, 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. Washers, sinks and drains are installed in kitchens.

Sanitary Traps

A trap is a device which is used to prevent sewer gases from entering the building. The traps are located below

or within a plumbing fixture and retains small amount of water. Therefore all plumbing fixture such as sinks, washbasins, bathtubs and toilets etc are equipped with traps. This article tells you the features of traps various types of traps and water seal.

Q No 03

Answer

C R O S S C O N N E C T I O N

A connection in a plumbing installation through which water may possibly pass to or come in contact with another part (as a water inlet in a bathtub that may at times be below

the water level of the tub.

Back siphonage control.

Back siphonage is one type of backflow. Back siphonage.

The flowing back of used, contaminated, or polluted water from a plumbing fixture or vessel into a potable water supply because of negative pressure in the pipe, Branch - Any part of the piping system other than the main, riser, or stack.