

Sessional Assignment 2



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Submitted to

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① Soil Pipes:~

our soil and waste systems are manufactured in the UK by Floplast in one of Europe's most technologically advanced factories. The result is a high-quality soil & waste pipes and fittings that are tough and durable, yet lightweight and simple to install.

* Anti-Syphon 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 $\{A_s\}$ need not be much more than half that of the waste pipe. as a rule, or not, and drain-air will therefore pass. The main anti siphonage pipe is generally connected to the upper continuation of the waste pipe above the highest fitting.

* Sanitary Fixtures:~

Sanitary fixtures are installed in different areas. Bathtubs, washstands, shower stamps, 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 laboratories.

* Sanitary Traps: ~

A trap is a device which is used to prevent sewer gases from entering the buildings. The traps are located below or within a plumbing fixture and retains small amount of water. The retaining water creates a water seal which stops foul gases going back to the building from drain pipes.

* Cross Connection: ~

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
⑤ main, riser, or stack.