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Subject: Hydraulic structure

Section: "B"

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Q1) Soil pipes and anti-syphon 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 and waste pipes and fittings that are tough and durable, yet lightweight and simple to install.

Anti-Syphon pipes

The size of anti-siphonage pipes merit careful consideration, but no hard and fast rule can be laid down. For a single fitting the sectional area of anti-siphonage (A , fig 196) need not be much more than half of the waste pipe.

Q2) Sanitary Fixtures and traps;

Sanitary fixtures are installed in different areas. Bathtubs, shower sumps, wash stands, traps and bidets are installed in bathrooms, washrooms, and shower rooms.

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.

Q3) Cross connections and back siphonage control;

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 is 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.