

Assignment # 02 of ~~the~~

Submitted To: Engr. Nadeemullah

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Section: B

Subject:  
WASTE WATER ENGS.

Question No #

## 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 fitting that are tough and durable, yet lightweight and simple to install.

## Anti-Siphon Pipes.

The size of anti-siphonage pipes merits careful consideration, but no hazard and fast rule case

be laid down from a single fitting  
the sectional area of the anti  
siphonage Pipe (A-Fig-196) need not  
be much more than half that of the  
waste-Pipe. as air is not and drain-  
air will therefore pass through the  
soil-pipes and through the anti-  
siphonage Pipe connected with them.

The main anti-siphonage Pipe is  
generally connected to the upper  
continuation of the waste-Pipe above  
the highest fitting this economical piping  
and is quite as effective as carrying  
it up independently to the same height  
as the waste-Pipe vent.

# SANITARY FIXTURES:

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

(b)  
a Plumbing fixture and drain  
Small amount of water the retaining  
water creates a water seal which  
stops foul gases going back to  
the building from drain pipes. These  
are all Plumbing fixtures such as  
sinks, washbasins, bathtub and toilets  
etc. are equipped with traps. This  
article tells you the features of traps  
various types of traps and water  
seal.

## 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  
(7)  
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 potable water supply because of negative pressure in the pipe. Branch - Any part of the piping system other than the main lines, or stack.