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ASSIGNMENT # 03

SUBMITTED TO :

ENGR. NADEEM ULLAH

SUBMITTED BY : HURRAIRAH KABIR

STUDENT ID : 7758

SECTION : B

SUBJECT : WASTE WATER  
ENGINEERING



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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:

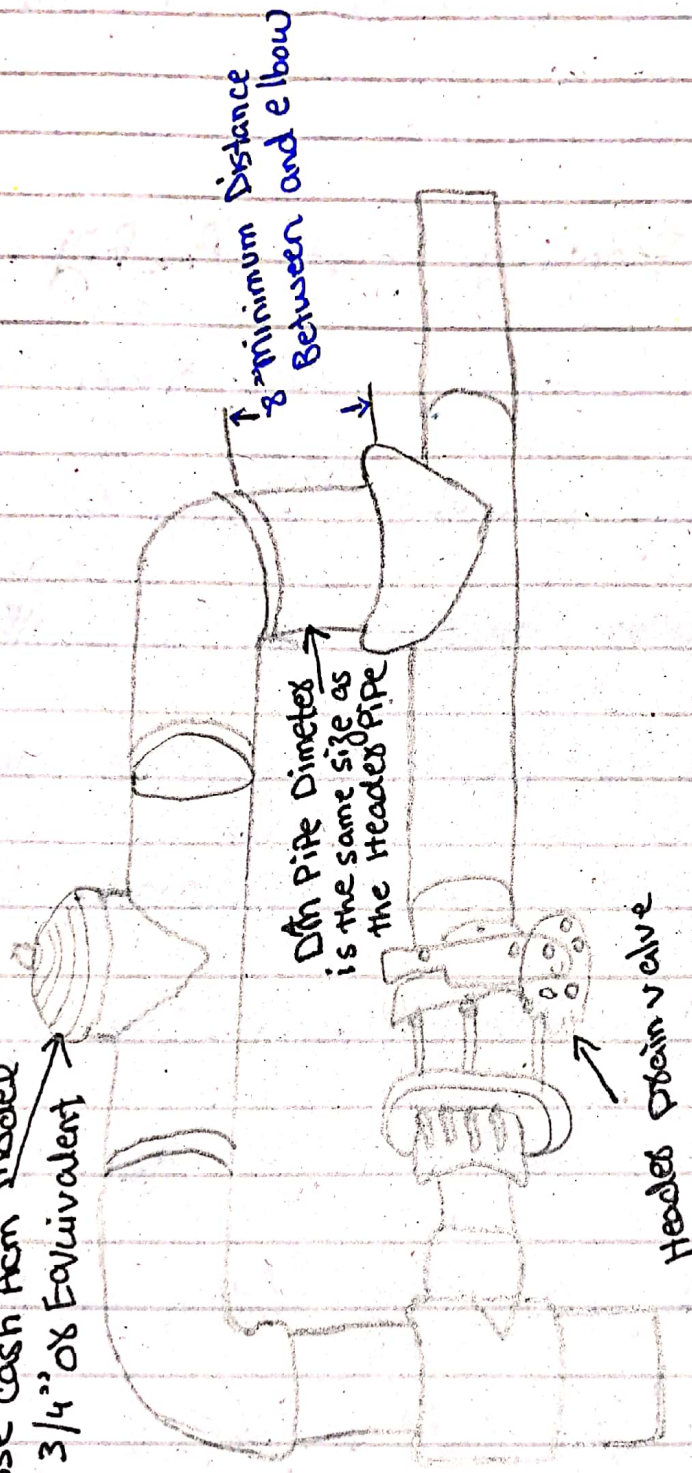
The size of anti-siphonage pipes merits careful consideration, but no hassle and fast



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Rule can be laid down. For 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 a rule are not and obtain-air will therefore pass through the soil-pipes and through the anti-siphonage 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 piping, and is quite as effective as carrying it up independently to the same height as the waste-pipe vent.



Vacuum Breaker Valve  
Use cash Acn model  
#VR-801 3/4" O.D. Equivalent



## (5) SANITARY 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



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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



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