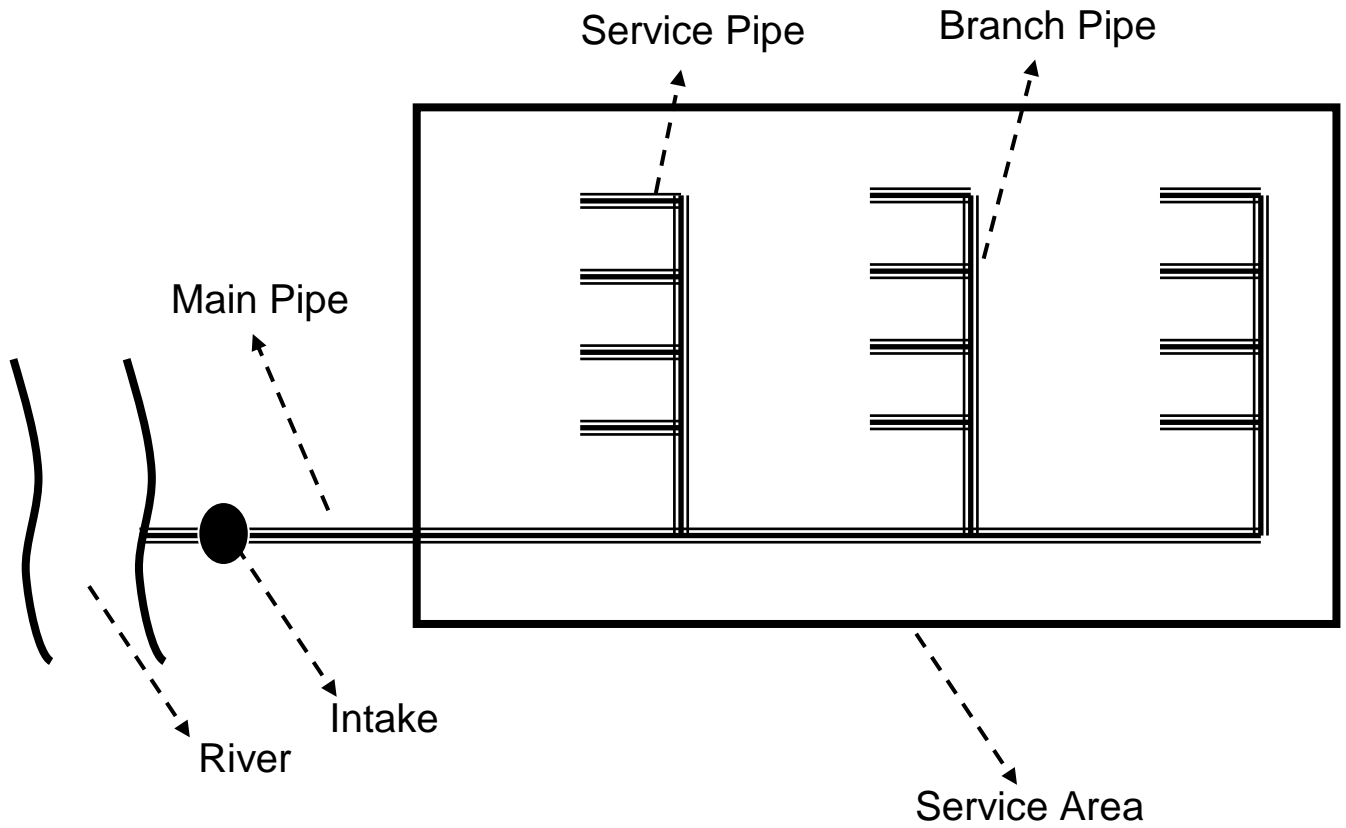


Pipe Networks of Water Supply

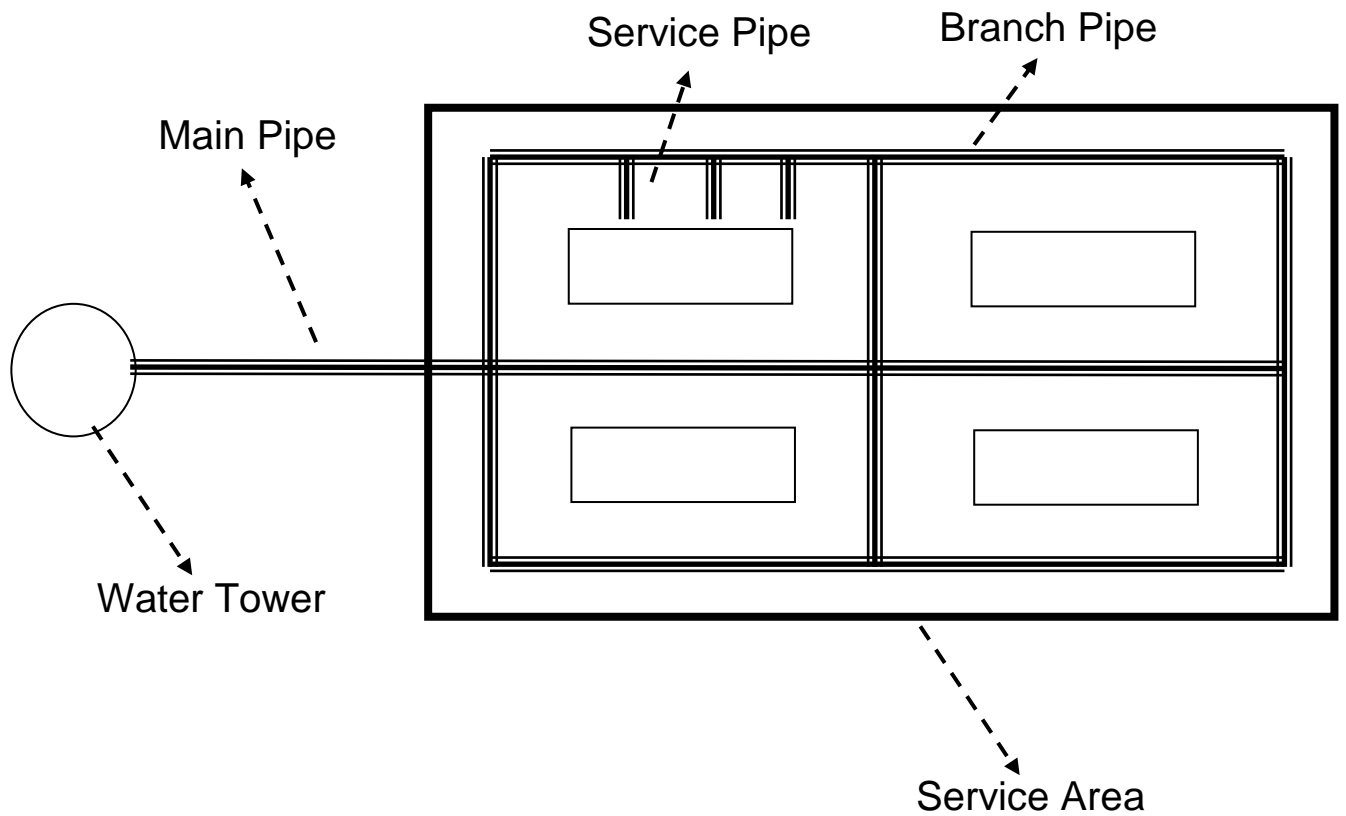
Mr. Shuwan J. Barzanjy

Network Types

1. Open System (Tree System)

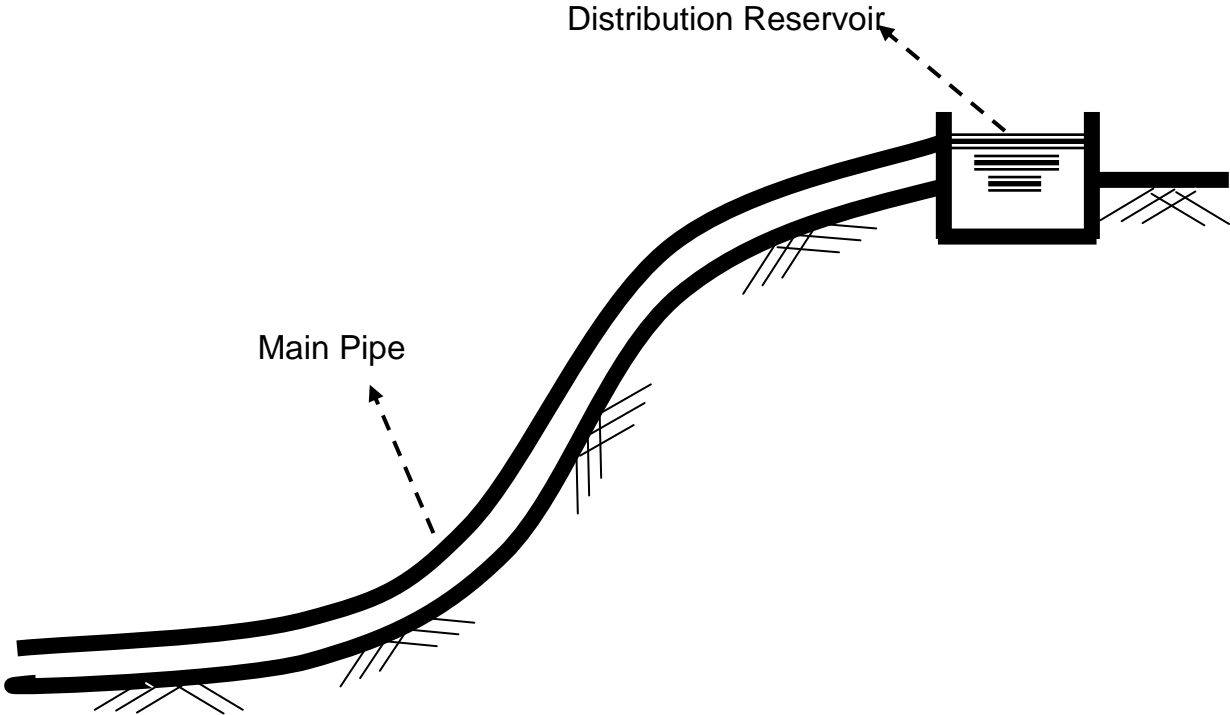


2. Closed System (Loop System)

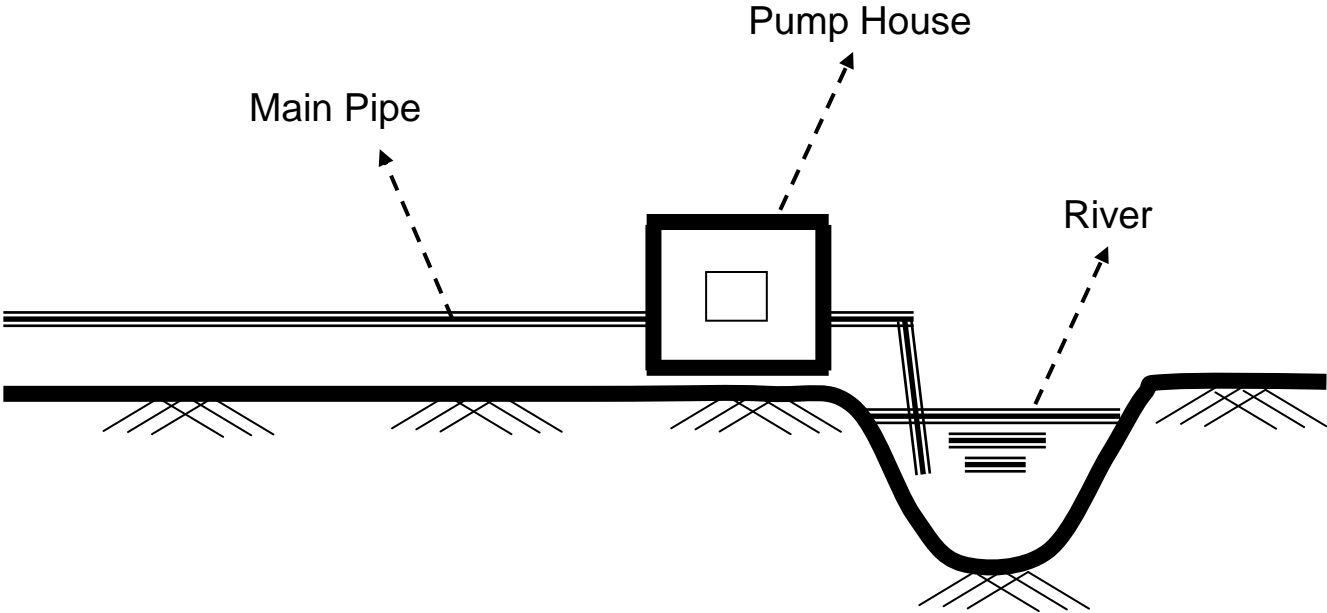


Distribution Systems

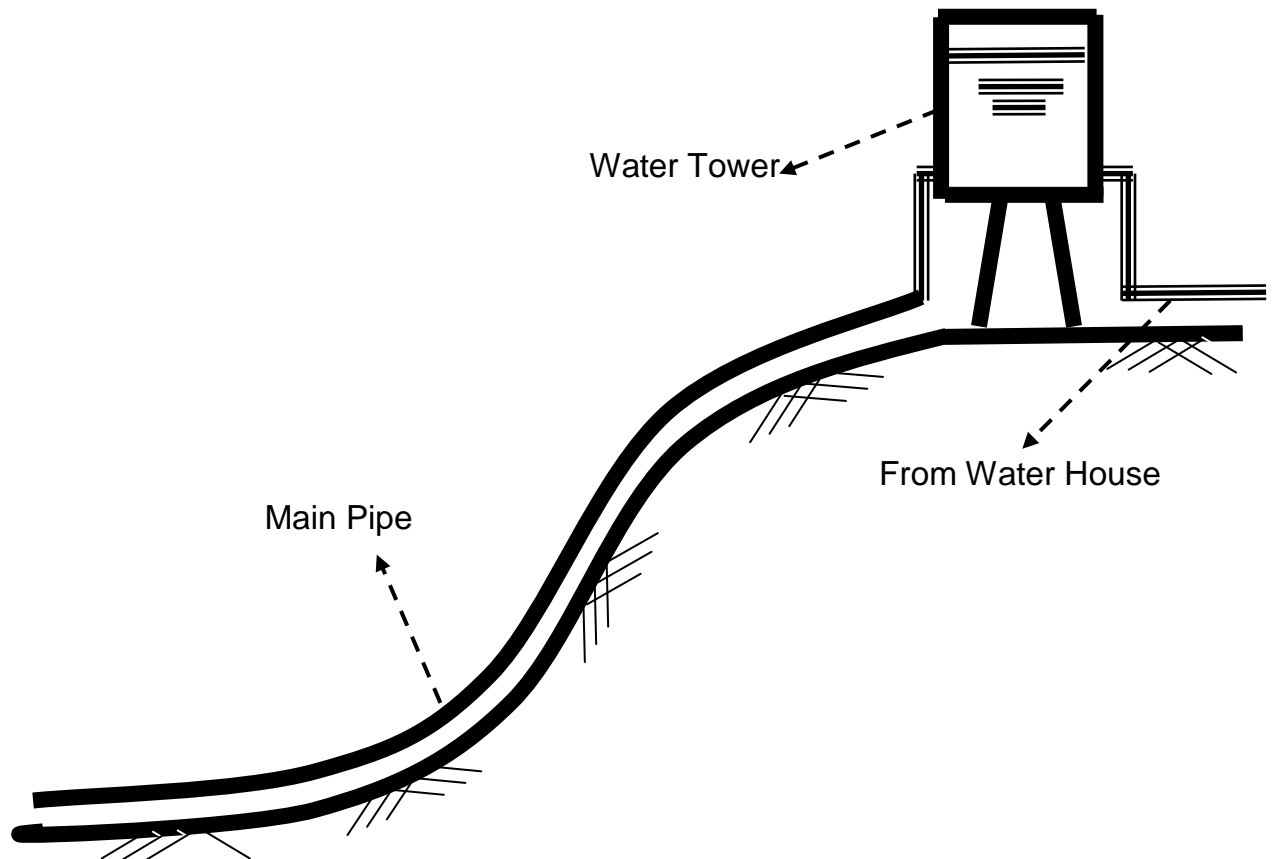
1. Gravity System



2. Pumping System without Storage



3. Pumping System with Storage (Dual System)



Methods of Water Supply

1. Continuous System

Water is supplied to consumers all 24 hrs. This system is possible only when there is sufficient quantity of water available from the source.

2. Continuous System

Water is supplied only during certain fixed hours of the day, which are normally morning and evening hours. The timing of the supply of water may be changed to suit the seasons of the year. This system is provided when the quantity of water available from the source is no sufficient to meet the demands of continuous supply.