



# **ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY**

(Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai)

Accredited by NAAC

ANGUCHETYPALAYAM, PANRUTI – 607 106.

## **ACADEMIC YEAR**

### **2024 - 2025**



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## 7.1.4- Water conservation facilities available in the institution:

### INDEX

1.	Rainwater harvesting
2.	Bore well Recharge
3.	Construction of Tanks
4.	Waste Water Recycling
5.	Maintenance of Water Bodies and Distribution System in the Campus

*R. Aradiass*  
30.4.25

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## 1. Rain Water Harvesting

Rainwater harvesting available near Annai Annammal block in order to make the Institution self-sufficient in water resources and increase ground water level, not only for domestic use but also for improving the green belt, particularly the lawn and the garden. The rooftop rain water is directed to reach our gardens on the campus. Roof top rainwater can be harvested through recharge pit. The harvesting system consists of a gravel layer of around 10cm, followed by a charcoal layer of 10cm. Then, a sand layer of 25cm is made available, which is then followed by gravel layer of 25cm.





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## 2. Bore well Recharge



The bore well is located near the library premises. The bore well is recharged effectively by rain water harvesting. The bore well on campus is used to replenish rain water. The water level rises when the bore well are recharged.



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## 3. Construction of Bunds

The bunds were used to retaining moisture/water on sloped ground, providing access to fields. Bunds slow down water flow on the ground surface and encourage infiltration (groundwater recharge) and soil moisture.





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## 4. Waste Water Recycling - RO & Hand washing

The waste water from the RO plant and the water cooler is used for watering the butterfly garden.





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## 5. Maintenance of Water Bodies and Distribution System in the Campus

An RO plant has been installed at the Administrative Block of the Institution. The purified RO drinking water is distributed to all the blocks equipped with water cooler. Hence, everyone can enjoy the drinking water facilities immediately whenever they are in need. Also, wash basins are available at each block. Water facilities are available on the entire campus without any interruption. The RO plant is periodically cleaned and maintained in a good condition by the Maintenance Department. All the water tanks are cleaned regularly once in six months.

### RO Plant





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## Administrative Block [Ground Floor]



## Administrative Block [First Floor]





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## Library Block



## Xavier Block [First Floor]



*R. Arukiadass*  
30.4.25

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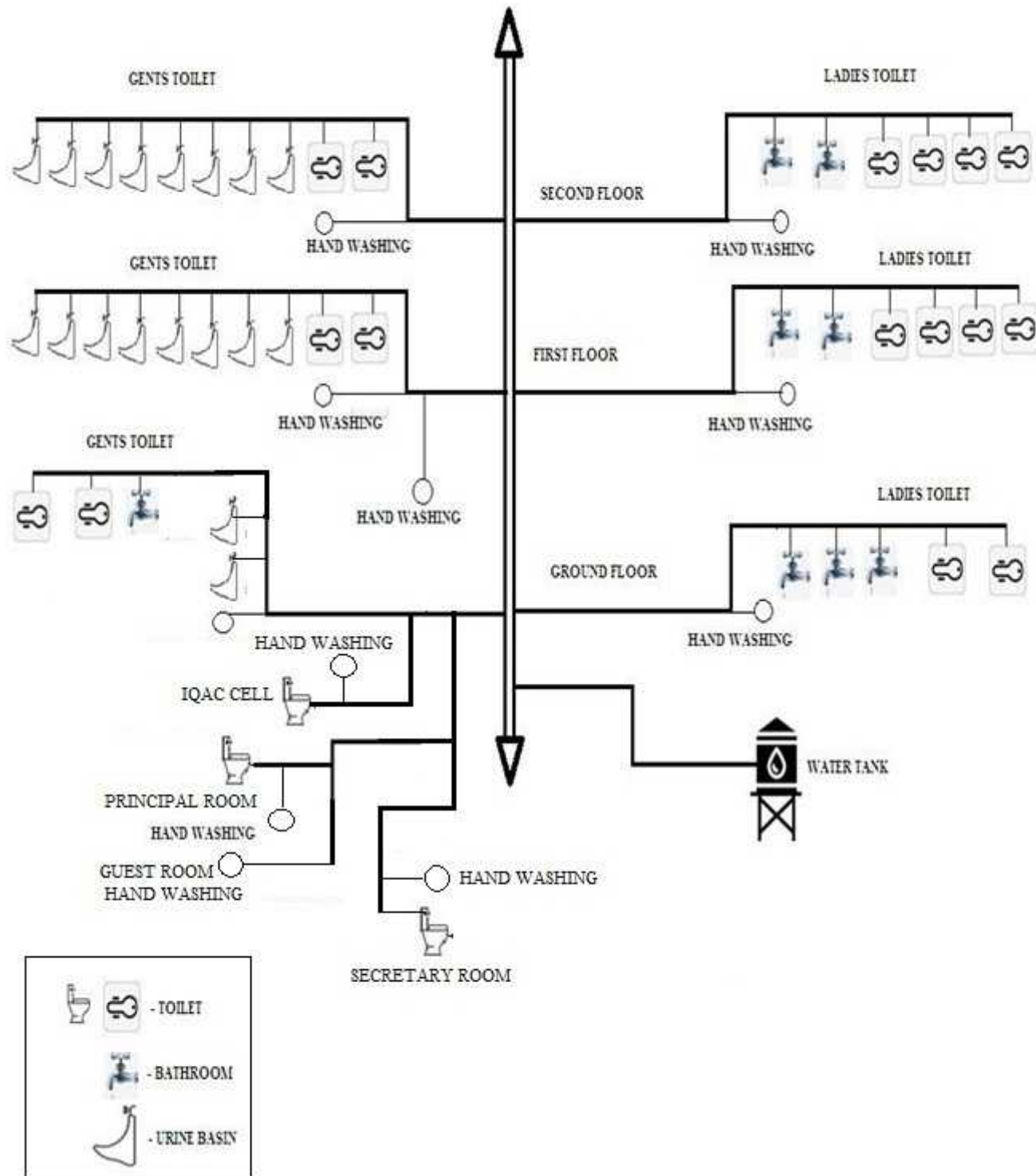
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## Distribution of Water Supply – General Purpose

### Administrative Block Water supply





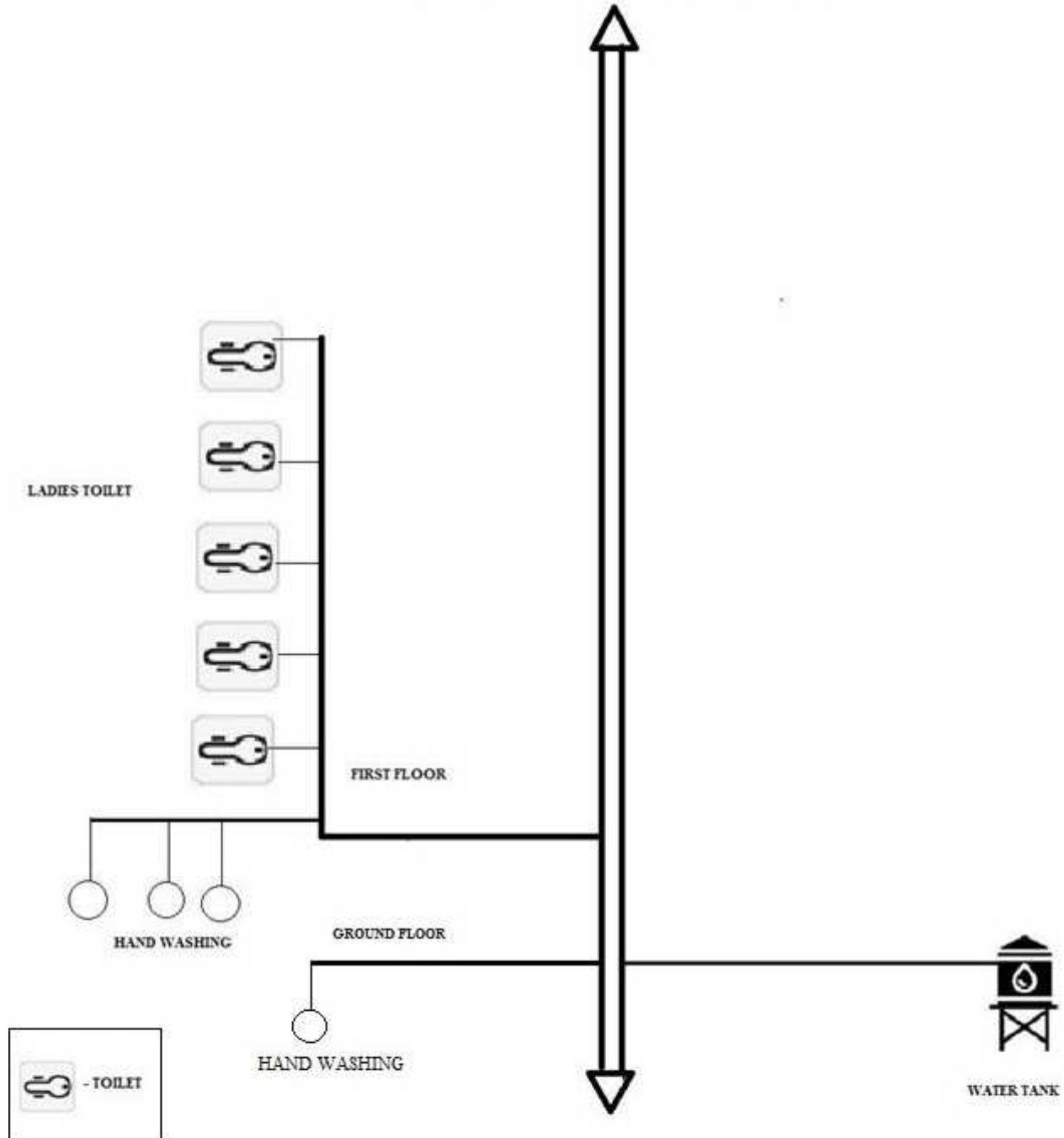
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## Annai Annammal Block Water Supply





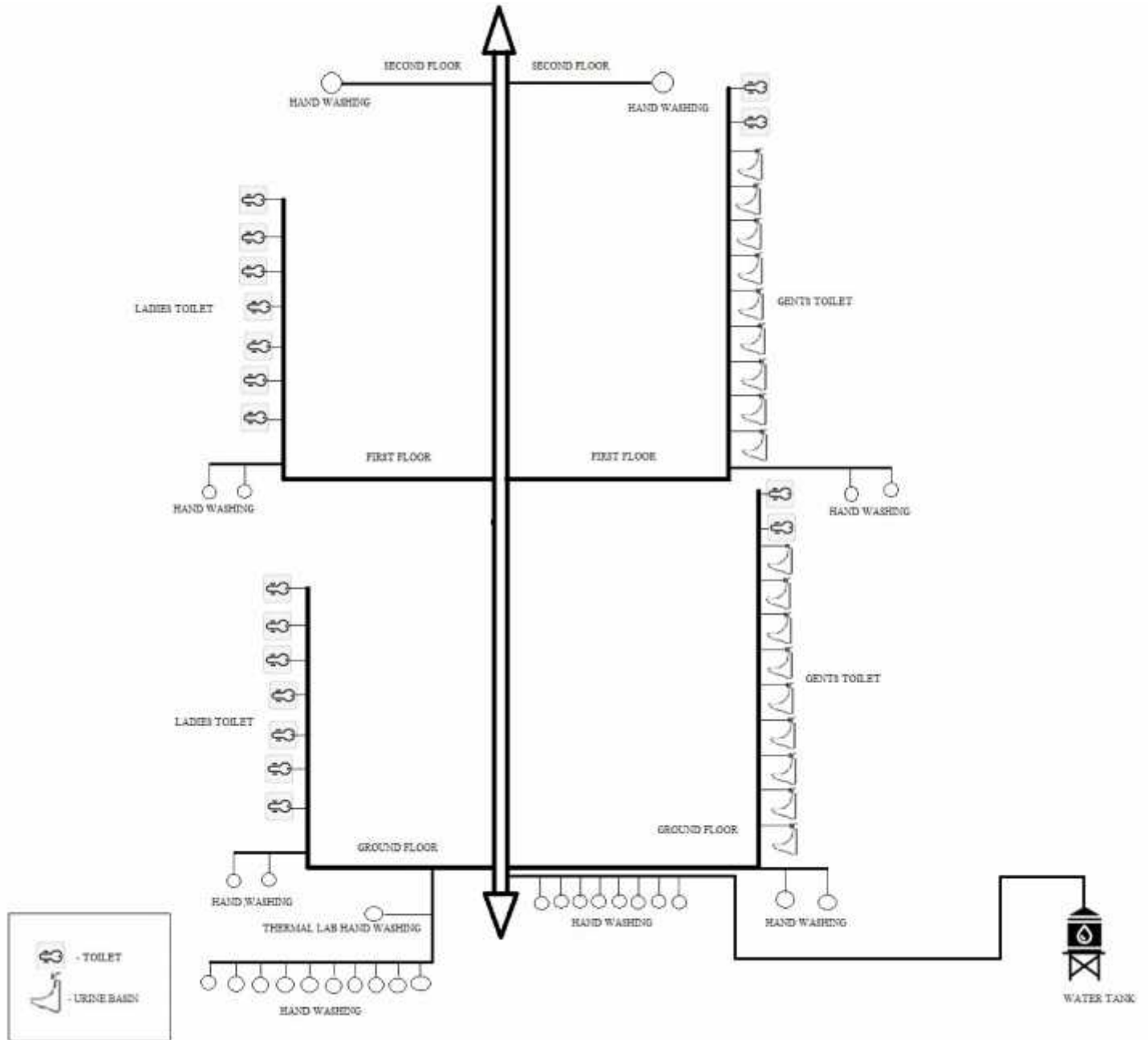
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## Xavier and Maria Block Water Supply





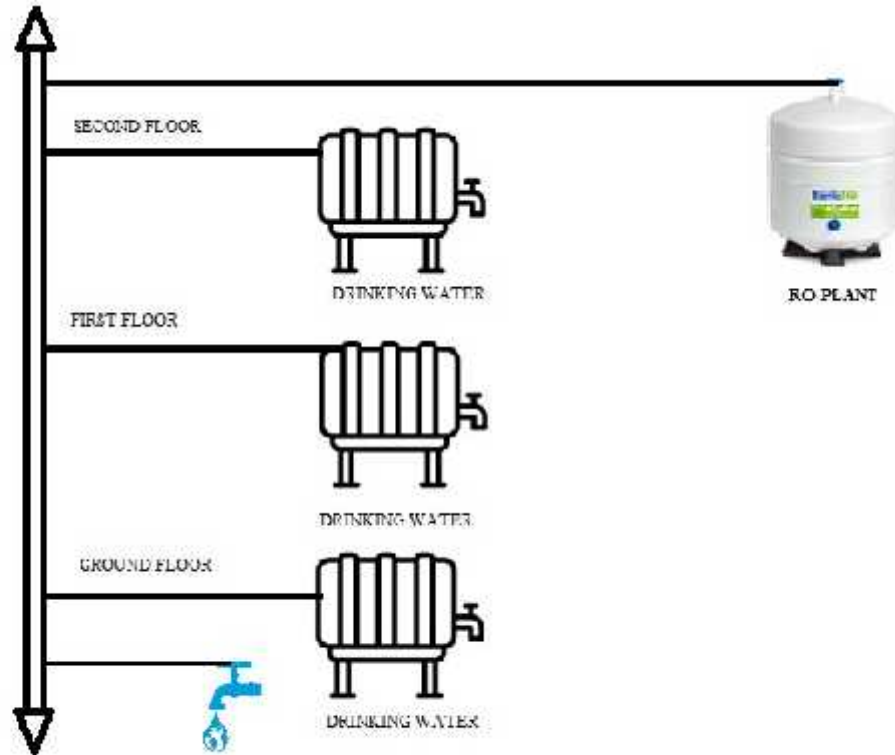
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## Administrative Block Drinking Water Supply





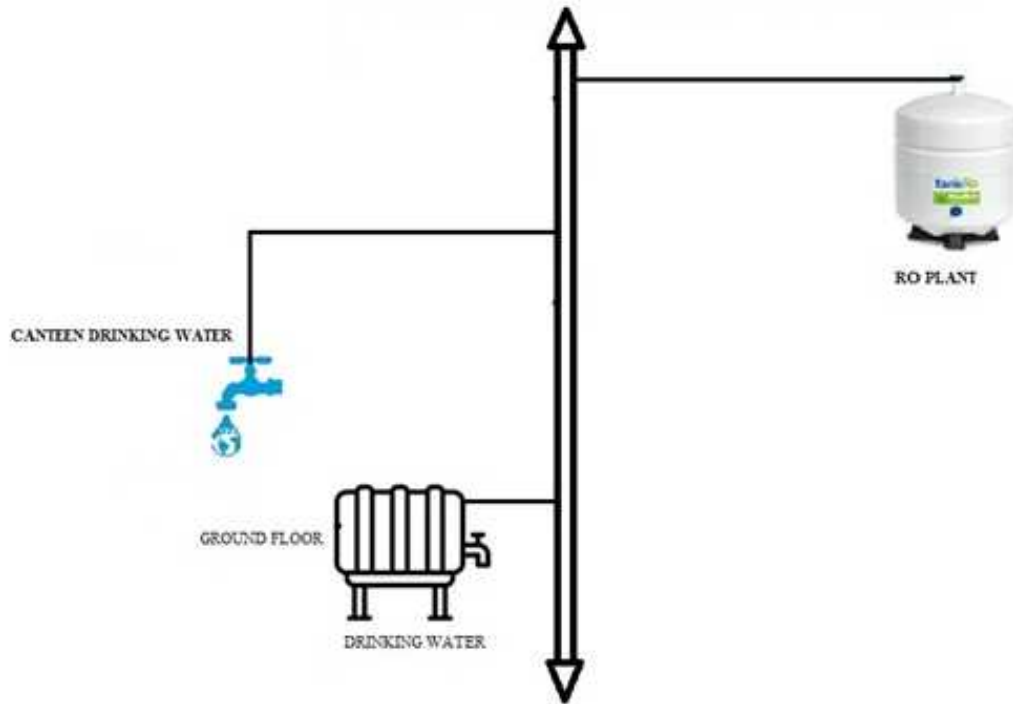
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## Annai Annammal Block Drinking Water Supply





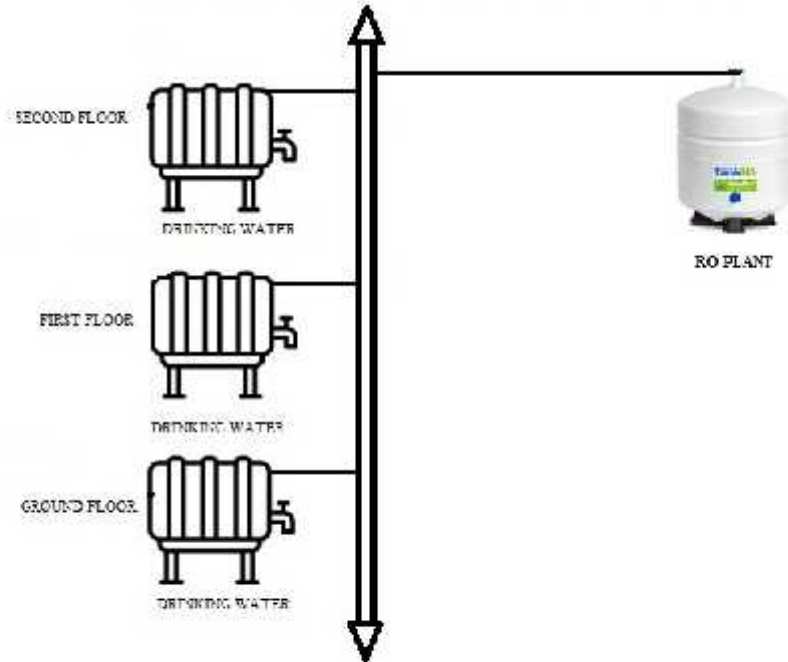
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## Xavier and Maria Block Drinking Water Supply



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