

#### IV. WATER CONSERVATION

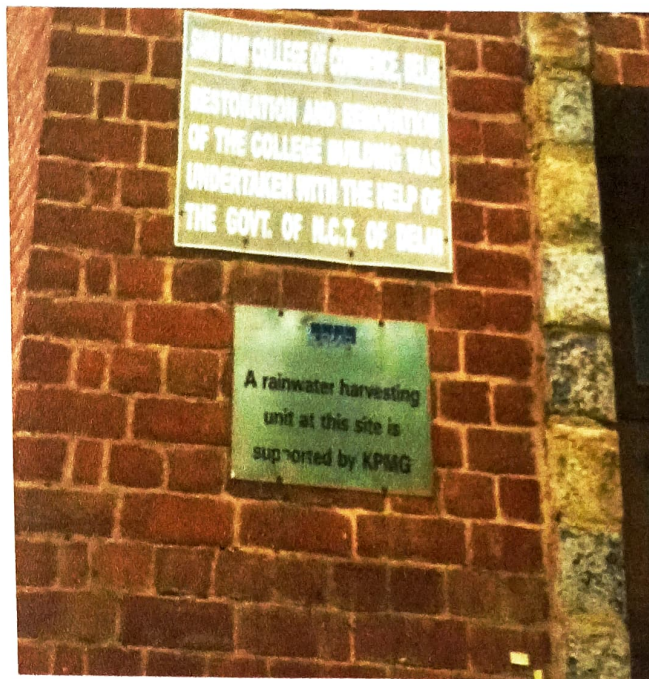
23.	List basic uses of water in your institute	Basic use of water in campus: 1. Drinking – 400 KL/month 2. Gardening – 1000 KL/month 3. Washrooms – 800 KL/month 4. Others – 2500 KL/month
24.	Are there any water storage tank How does your institute store water? Are there any water saving techniques followed in your institute?	water storage tanks are installed for storage of water. or for avoiding overflow of water controlled float valves are provided in water supply system. close supervision for water supply system. rain water harvesting pits has been installed at five points on the campus.
25.	If there is water wastage, specify why and How can the wastage be prevented / stopped?	No
26.	Locate the point of entry of water and point of exit of waste water in your institute. Entry- Exit-	Entry- water comes from submersible pumps at campus. Exit- water drains from water drainage system to delhi development authority
27.	Write down four ways that could reduce the amount of water used in your institute	Basic Three ways: 1. Close the taps after usage 2. Maintenance and monitoring of valves in supply system to avoid overflow, leakage and spillage 3. Water Conservation awareness for new Students
28.	Record water use from the institute water meter for six months (record at the same time of each day). At the end of the period, compile a table to show how many liters of water have been used.	No Water Meters available for calculation of usage of total quantity only.
29.	Does your institute harvest rain water?	Five rain water harvesting systems are available.
30.	Is there any water recycling System.	No





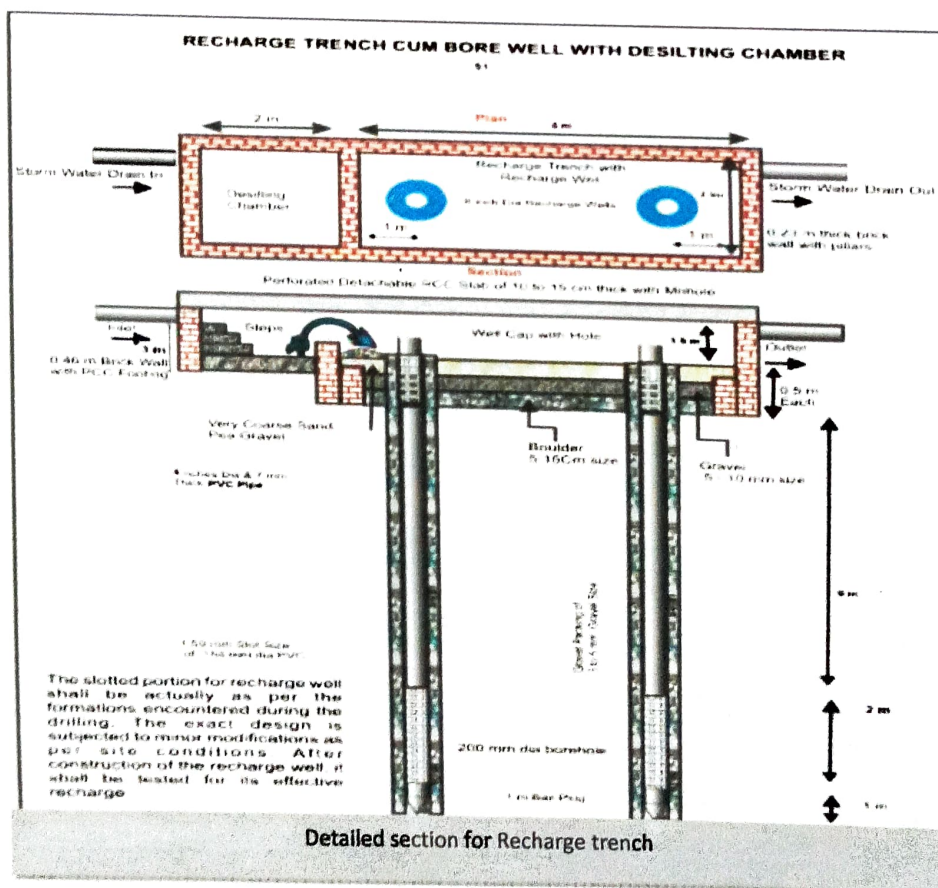
**Rain water Harvesting:** All the rain water received within the campus is collected via pipes and is recharged into the ground, which helps in improving the ground water aquifer. As per the worked out rain water harvesting plan, discharge water available for collection is about 13319 Cum. To harvest the same, campus has installed 4 recharge trenches with one bore-well. These recharge trench with two bore-wells, helps in enhancing the ground water level.

The College had set up this rainwater harvesting plant in the campus in 2011. As a measure of water conservation and groundwater management, the rainwater harvesting plant replenishes about fifteen million litres of water to the ground water table every year.





### Recharge Trench



Audit Conducted By: Engineering Facility Services, Noida

