

## **Detail of public health service**

Plumbing system shall be designed as per requirement of NBC & handbook on water supply & drainage ,BIS Approach to planning

1. Requirement of adequate and equal pressure of cold water in toilets, kitchen and other designated areas.
2. The water storage tank capacity shall be adequate to ensure availability of water for 1 day.
3. Treated waste water (from sewage treatment plant) shall be used for flushing, irrigation water use and for construction water requirement at other sites.
4. Drainage and water supply provision for Landscape layout.
5. Water treatment plant (WTP) to ensure that the chemical and bacteriological parameters of water supply in the Complex are in accordance with SP35. WTP is expected to basic, comprising of filters and hypo dosing units.
6. Sewage and sullage collection & conveyance system based on applicable guidelines by NBC.
7. Storm / rain water drainage system from the roof terrace by means of draining and surface run-off water to rain water recharge pits for ground water recharging. The concept of connecting rain water harvesting system as on-line and bypass shall be ensured to take advantage of levels and effective and efficient rain water harvesting with due provisions of overflow to the routed to the main lines.
8. Provision for individual Geysers will be planned in each toilet and kitchen for meeting hot water demand of the building.
9. Sewage treatment plant for treatment of sewage & sullage waste. The technology proposed to be used for the purpose is MBBR.