

Drinking Water Facility

Water treatment plant shall be provided in accordance with the various requirements of use.

Domestic Water: Water sourced shall be passed through basic water treatment plant comprising of basic WTP. Further specialized treatment, may be provided based on the source water analysis report. Treated domestic water shall be used for usage in toilets (wash basin, shower), washing machine, kitchen and other areas where direct human contact / use is envisaged. Water softener may be planned to be provided to ensure water hardness grains in accordance to water sample report.

Provision of separate RO for each apartment has been proposed.

Water Distribution

The water distribution system for domestic water supply and flushing to all towers shall be through gravity feed.

Underground water storage tank and pump room housing, water treatment plant and water transfer pumps shall be proposed in basement.

Domestic water tanks at the terrace level of each tower shall receive water through VFD Pumping System installed at plumbing plant room. These pumps shall be provided with pressure vessel with pressure switch for automatic start/stop of the Pumps. The Over Head Tank shall be provided with level sensors to allow control (flow/no flow) of the motorized valve installed at the inlet pipe to the water tank.