

Development work Plan-Amenities for Residential complex measuring 11.218 Acres in Sector 82A (Tranquil Heights Phase-1) at Gurgaon, Haryana.

Detailed Note on Amenities for the Project

The proposed residential project of 11.218 Acres is located in the new Sector 82A under development by HUDA at the outskirts of Gurgaon. The following amenities are proposed for the Group Housing scheme as approved by HUDA.

1. **Water Supply:** The source of water supply shall be HUDA water supply connection. Provision from the municipal connection to be provided by HUDA for potable water has been made and it has been proposed to construct underground water tanks in adequate capacity as approved for domestic usage and for fire protections. The underground water tanks shall be fed from the HUDA supply, from there the water will be pumped using the pump sets provided.
 - a. **Pumping Equipments:** Pumping equipment required for the above said works and in the Services Cost Estimate shall be provisioned within the development.
2. **Sewerage system:** Sewer line from the proposed development will be connecting to a captive sewage treatment and recycling plant and the excess sewage water only shall be connected to the HUDA master sewer.
 - a. **Recycled water supply:** Treated water from the STP mentioned above shall be used for the purpose of horticulture and flushing thereby contributing to the conservation of water.
 - b. **Storm water Drain:** It is proposed to lay underground RCC pipe drains with required number of catch basins for disposal of stormwater to the proposed HUDA master storm drain. It may be noted that only overflow over and above the rain water harvesting system shall be connected to the HUDA storm water drain.
 - c. **Rain water harvesting:** It is proposed to harvest rainwater run-off that will recharge the groundwater resource while reducing the burden of stormwater management of the area. Rain water shall be harvested from the open spaces as well as the roof tops in line with commitments in the EIA report to the Haryana State Expert Appraisal Committee.
3. **Electricity supply transformer and substation:** - The source of the supply shall be DHVBN further distribution network shall be provisioned as proposed to each apartment till the point of the receptacle.
 - a. **Diesel Generator for backup power:** Provision of DG sets, transformers and other related equipment for the purpose of providing backup power supply for common and essential functions.
4. **Fire fighting and Life safety:** For the purpose of life safety, all fire fighting equipment and alarm system including fire hydrants, fire hose reels, detectors and sprinkler systems shall be provisioned in line with the specifications in the National Building Code.
5. **Roads:** The access to the plot located on the 24 m wide sector road shall be developed by HUDA.
 - a. Internal road network within the development shall be provisioned as proposed, along with a network of pathways and ramps, per the approved layout plan.
6. **Street lighting:** Street lighting within the development shall be provisioned as proposed.
7. **Horticulture** including plantation, Landscaping, signage etc shall be provisioned in the project as per the approved plan
8. **Elevators:** Lifts are provided for vertical transport.

