

## **Specification**

### **Demarcation of Plots:**

Plot Demarcation shall be complete by installing RCC pillar for each unit.

### **Boundary Wall:**

The Project will be bounded by reinforced brick boundary, up to 7 feet height with compound lights installed at regular intervals.

### **Road Work:**

The layout is planned to be developed with Cement Concrete (CC) roads. The internal roads of the project shall be constructed with a base of GSB and stone aggregate over brick soling. The width of the road (including footpath) shall be 9 meters.

### **Footpaths:**

Footpaths will be used to house underground pipes and cables for services. The width of the footpath will be 3 feet on each side of the CC area of the road and will be finished with paver blocks.

### **Water Supply Including Drinking Water Facilities:**

Potable water will be supplied through underground pipeline of medium density polyethylene piping system supplied through borewell.

### **Sewer & Drain System:**

Underground services will be provided for the project. PVC/DWE/SWR/Hume Pipes will be used across the project to develop the Sewer and Drainage system eventually leading to a STP developed within the project.

### **Park and Tree Plantation:**

The project is planned with ample greenery. Over 50 new trees will be planted along the internal roads and within the park for the project. Kadam Trees (Burflower-tree) will be used as avenue trees and Gudhal (Hibiscus) flowering plant will be extensively through the project along with other shrubs and flowering plants.

### **Design For Electric Supply Including Street Lighting:**

Supply of electricity to the units will be done through underground cables and suitable busbars/panel. Modern street lighting poles will be installed at suitable intervals. Common area lighting will be provided with required power back-up

### **Treatment and Disposal System of Sewage and Sullage water:**

The project will be delivered with a 40kLD Sewage Treatment Plant based on MBBR (Moving Bed Bio Reactor) technology. Treated water will be used for irrigation and road cleaning purposes.

### **Water Conservation System:**

Rain water harvesting system will be developed as per the approved plan of the project

### **Energy Management System Including Use of Renewable Energy**

Solar powered flood lights will be used at suitable intervals to provide back-up lighting.

### **Safety:**

CCTV surveillance cameras will be provided within the project site at pivotal locations along with street lighting and high masts with power backup.

### **Security:**

Security booth will be provided at the entrance along with regular security patrol..