



Spring
GARDEN



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Project Specification Format

SR NO.	DEVELOPMENT WORKS
1	Demarcation of plots
2	Boundary wall
3	Road work
4	Footpaths
5	Water supply including drinking water supply
6	Sewer system
7	Drain
8	Parks
9	Tree planting
10	Design for electric supply including street lighting
11	Community buildings
12	Treatment and Disposal System of Sewage and Sullage water
13	Solid Waste Management and Disposal System
14	Water Conservation System
15	Energy Management System Including Use of Renewable Energy
16	Fire Protection and Fire Safety System
17	Social Infrastructure and Other Public Amenities Including Public Health Services
18	Emergency Evacuation Services
19	Other Miscellaneous Work

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Brief Descriptions

Plot demarcation is one of the earliest activities it defines property boundaries, parcel shapes, and plot locations. That the owner of the property is interested to know concerns the boundaries of his/her Plot/property.

In our Project all plots are well demarcated as per approved plan and easy for physical handing over the plots.

A boundary wall is "any wall constructed on, above, or over the physical border between two properties so that it stands on or occupies space on both properties at least partially." The boundary wall offers the property and its occupants a sense of protection and security.

Below is specification of our project boundary wall: -

Height of the boundary wall is 2300 MM

Width of the boundary wall is 115 MM

Project has 12 mtrs, & 9.0 mtrs internal road, the approach to the plot in throughout of site is well managed for Vehicle/Pedestrian Movement has been designed to minimize conflicts between vehicles and pedestrians. Maximum utilization of the site has been planned. Every plot is provided with approach from vehicular road. Pedestrian pathways which are traffic free connect the plots with the road as well as make the movement uninterrupted. A well-planned road network is proposed within the project premises.

In our project we provide metal road with bituminous cover/ high strength concrete pavers/tiles will be used as per designed by architect for internal road.

Comfort, continuity, and safety are the governing criteria for the design and construction of pedestrian facilities. A footpath is a type of route designed just for pedestrians and not for other types of traffic such as cars or bicycles. We will provide footpath as per design and the requirement.

Safe drinking water, sanitation, and hygiene are fundamental to improving standards of living for people. In our project ground water will be used. End user shall use their individual RO system as per their requirement. All plot owners will mandatory, have ball cock in their water tank to stop overflow and avoid wastage of water.

The sewerage system is an essential part of every human settlement. Since combined sewerage system invariably suffers from the main disadvantage of sluggish flow during most period of the year leading to deposition of sewage solids creating foul & offensive conditions, hence sewerage and drainage systems shall be proposed separately. Since, it is both difficult and un-economical to augment the capacity of the sewerage system later, the proposed sewers shall be designed for maximum expected discharge to cater the requirement of the ultimate development of the said project. Sewage Treatment Plant shall be proposed for the treatment of sewage that would generate in the Normal housing.

Sewage treatment plants process and treat wastewater/sewage, breaking it down into a cleaner 'effluent' that can be returned back to nature in a safer, eco-friendly form. They

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help restore groundwater balance, curb diseases and stop degradation and pollution of the environment.

Centralized sewerage system shall be provided to reduce the freshwater demand of the project, waste water from the Normal Housing Units will be treated in a STP.

A detailed storm water drainage system and water harvesting procedures are proposed to recharge groundwater

The prime activities for providing Drainage System comprise of:

- Internal Drainage System
- Ultimate Disposal Norms Adopted
- In order to determine total run off, Rational formula shall be used.
- Underground water recharge pits with perforated filter media shall be used for Rain Water harvesting.
- Coefficient of Runoff shall be adopted as per Manual on Rain harvesting and Conservation.

There are four parks and open space in the form of park and garden for every age group as per architect plan. There are several instances where the green cover has been reported to reduce the ambient temperatures.

There will be various types of plants as per architect plan. Evergreen plants are proposed to be planted inside the site. Parks shall also be developed by the project prominent. Variety of plants shall be provided for the project in green area.

We have designed the system as per local electricity board along with transformer, HT Panel, LT Panel, Feeder pillar and DG back for common service like external lighting, STP, Pump room etc.

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Sewage treatment plant (STP) will be provided as per architect plan. An sewage network shall collect the sewage and flow by gravity to the proposed sewage treatment plant. Sludge generated from STP shall be rich in organic content and act as excellent fertilizer.

There is proper garbage collection area as per architect pan for solid waste management. Project will adopt a systematic approach for solid waste collection and disposal. The solid waste shall be first segregated as plastic, glass, paper and other waste separately.

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