



# INFRASTRUCTURES


## Development Works (Brief Description)

Development Work Name	Brief Descriptions
Demarcation of Plots	<p>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.</p> <p>In our Project all plots are well demarcated as per approved plan and easy for physical handing over the plots.</p>
Boundary Wall	<p>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.</p> <p>Below is specification of our project boundary wall: -            Height of the boundary wall is 2100 MM            Width of the boundary wall is 230 MM</p>
Road Work	<p>Project has 9 mtrs &amp; 7.5 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.</p> <p>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. Maximum uses of grass paver on the road to reduce the heat island effect.</p> <p>In our Project has 1 entry gate from 45 mtrs wide front road and 1 no. of exit gate from 12 mtrs wide (including nala).</p>
Footpaths	<p>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.</p>
Water Supply Including Drinking Water Facilities	<p>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.</p>
Sewer System	<p>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 &amp;</p>

For SPRING INFRASTRUCTURES

*Call*  
PARTNER

	<p>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.</p> <p>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 help restore groundwater balance, curb diseases and stop degradation and pollution of the environment.</p> <p>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 and recycled for landscaping.</p>
Drain	<p>A detailed storm water drainage system and water harvesting procedures are proposed to recharge groundwater</p> <p>The prime activities for providing Drainage System comprise of:</p> <ul style="list-style-type: none"> <li>• Internal Drainage System</li> <li>• Ultimate Disposal Norms Adopted</li> <li>• In order to determine total run off, Rational formula shall be used.</li> <li>• Underground water recharge pits with perforated filter media shall be used for Rain Water harvesting.</li> <li>• Coefficient of Runoff shall be adopted as per Manual on Rain harvesting and Conservation.</li> </ul>
Parks	<p>There is four lush green parks green space 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.</p>
Tree Planting	<p>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 for along with the roads /walkway and also in green area.</p>
Design For Electric Supply Including Street Lighting	<p>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.</p>
Community Buildings	NA
Treatment and Disposal System of Sewage and Sullage water	<p>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</p>

For SPRING INFRASTRUCTURES  
  
PARTNER

	and act as excellent fertilizer.
Solid Waste Management And Disposal System	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.
Water Conservation System	A well designed rain water harvesting system as per architect plan shall be provided for park to conserve water. The project is also committed towards conservation of water, this includes use of treated water, rainwater harvesting, provision of low water flow fixtures and raising awareness on means of water conservation.
Energy Management System Including Use of Renewable Energy	NA
Fire Protection And Fire Safety System	NA
Social Infrastructure And Other Public Amenities Including Public Health Services	NA
Emergency Evacuation Services	NA
Other Miscellaneous Work	NA

For SPRING INFRASTRUCTURES  
*Challa*  
PARTNER