

Development Works

Demarcation of Plots	Demarcation of the plot is completed by appointed survey consultant
Boundary Wall	Boundary wall is proposed to be constructed as per the survey drawing and architectural drawing
Road Work	Yes, RCC Trimix Road with Kerb Stone on Sides and Stone Paving in front of Towers.
Footpaths	All foot paths will be constructed as per the architectural site plan and landscape drawing
Water Supply Including Drinking Water Facilities	Yes, Water Supply from Authority further water to be collected in Under Ground Water reservoirs Terrace Tanks, equipped with Hydro Pneumatic pumps with GI rings and risers
Sewer System	RCC hume pipe with Manhole, Chambers and Collection chamber and connections with Authority Sewer System.
Drain	drains are provided in the entire open area that carries water to 4 rain water harvesting chambers provided at each corner on the site
Parks	parks in the form of open/green area is provided at the podium level which is 40 percent of the plot area i.e. 4015 sqmt As per MoEFCC norms, no. of trees required: = 1 Hectare/50 Trees = $1.8819 \times 50 = 94$ Trees
Tree Planting	
Design For Electric Supply Including Street Lighting	Electric supply and Street lighting will be developed as per the design provided by the architect and appointed consultant considering site requirements
Community Buildings	Community Building space is provided at 1st floor level which have TWO FLOORS. 1st Floor area = 585.510 sqm and 2nd Floor area = 307.292 sqm respectively, which makes the total community area as 892.802 sqm
Treatment and Disposal System of Sewage and Sullage water	Proposed STP of capacity i.e. 240 KLD will be installed for treatment of wastewater. After the treatment of 211 KLD sewage, 169 KLD treated water will be generated which will be entirely used for DG Cooling, horticulture & flushing. Following arrangements will be made at the site in accordance to Solid Wastes Management Rules, 2016. a) 60% bio-degradable waste b) 30% non-bio degradable c) 10% inert waste The solid waste will be segregated at source & collected through trained employed personals.
Solid Waste Management And Disposal System	Dedicated covered and isolated site for storage of wastes. Adequate number of colored bins (green, blue & dark grey) separate for bio-degradable and non-biodegradable are proposed to be provided at the strategic location within site. STP sludge is proposed to be used for horticultural purposes as a manure. Horticultural Waste is composted and used for gardening purposes. Organic waste converter will be installed to convert bio-degradable wastes into manure. The manure will be used in horticulture.

<p>Water Conservation System</p>	<p>Roof-top area = Ground Coverage = 4378.59m² Green Area = 8772.26 m² Paved Area = Total Plot Area – (Roof-top Area + Green Area) = 18819.39 – (8772.26+ 4378.59) = 5668.54 m² Runoff Load Roof-top Area = 4378.59× 0.06 × 0.9 = 236.45 m³/hr Green Area = 8772.26 × 0.06 × 0.15 = 78.96 m³/hr Paved Area = 5668.54 × 0.06 × 0.85 = 255.09 m³/hr Total Runoff Load = (236.45 + 78.96 +255.09) m³/hr = 570.4785 m³/hr Considering Size of recharge pit size will be 8 mlong, 6m wide and 2m deep. So the Volume of a Single pit will be = 96 Cum Total Recharge Will be Required = 570.48/96 = 5.94 Nos. Power requirement for the project is 1,329.02 kW . 2 transformer of total capacity 1575 kVA (2 × 630 + 1 × 315 KVA) will be provided. Source of power will be Noida Power Company Limited (NPCL) 2 Nos. of DG sets of total capacity 320 kVA (2×160 kVA) will be provided for power back up.</p>
<p>Energy Management System Including Use of Renewable Energy</p>	<p>Silent DG sets are proposed to reduce the noise level and CPCB norms will be complied to check the pollution. Monitoring of the DG Sets (stack emission) will be done quarterly. Height of the stacks will be 114 meters from the ground level, and 6m from the rooftop, the height of the highest building is 108 m.</p>
<p>Fire Protection And Fire Safety System</p>	<p>The fire protection system for the building is to be designed as per the provisions of National Building Code - 2005 and the directions of local fire service authority. In addition to above, the fire extinguisher system is to be design in accordance with IS: 2190. Height of the building is 106.8 m. Fire NOC has been obtained. Fire Fighting facilities: Hose reel, Landing valve , Wet riser or F.B Inlet on each floor according to the standards. Fire extinguisher on each floor according to IS - 2190 . Automatic sprinkler system on entire building. Automatic fire detection & alarm system (being taken care by Electrical Consultant) Yard hydrants on the periphery of the building. Public Address and Communication System (being taken care by Electrical Consultant) Alternate source for fulfilling the electricity requirement. One Lift with the provision of firemen switch. Mechanical ventilation in basement.</p>
<p>Social Infrastructure And Other Public Amenities Including Public Health Services</p>	<p>Social infrastructural space is provided at stilt and 1st floor level with areas 297 sqm and 543 sqm respectively, which makes the total community area as 840 sqm</p>
<p>Emergency Evacuation Services Other Miscellaneous Work</p>	<p>Fire staircase is provided in each of the four towers for emergency evacuation as per the NBC guidelines and 9 / 7.5m wide fire tender path has been provided for fire tender movement in case of emergency Dedicated separate entry and exit has been proposed to enter the premises for better security and vehicular movement</p>