

Development Work Name		Description of UCHDPL-VERIDIA-05-OAKWOOD ENCLAVE					
Demarcation of Plots		Plots demarcated as per Approved layout of building plan.					
Boundary Wall		Boundary wall shall be made with standard Fly Ash Brick and MS Grill with thickness of 230mm and height 1.8m					
Road Work	Width (m)	Width of Carriage way (m)	Width of footpath (m)	GSB (mm)	WMM (mm)	Interlocking tiles over sand bed (mm)	
	7.5	7.5	-	150	100	65	
	9.0	9.0	-	150	100	65	
	Note: Cross sections are enclosed as Annexure						
Footpaths	Width (m)	Width of footpath (m)	GSB (mm)	Interlocking tiles over sand bed (mm)			
	7.5	-	2.5	60			
	9	-	75	60			
Water Supply Including Drinking Water Facilities	The Water supply system planned to provide 24 x 7 water supply.						
	HDPE pipe PN-8, PE-80 for water supply network						
	4x105 KL RCC storage tanks (4x105 KL UGT)						
	1 tube-wells						
Description	Underground Tanks			Overhead Tanks			
	Fire	Raw Water	Treated	Fire Reserve	Fresh Water	Flushing Water	
			Water				
Tower-5	NA	2 No.	2 No.	1 x 25KL	1 x 32KL	1 x 16KL	
		105KL	105KL				
Sewer System	RCC pipe class NP2 has been proposed						
	Manholes/Chambers made with Brick Masonry in Conical shape ranging from dia 900 to 1500mm						
Drain	RCC pipe class NP2 has been used						
	Manholes/Chambers made with Brick Masonry in Conical shape with dia 900mm						
Tree Planting	One tree on one side of 9m road & 7.5 road						
Design For Electric Supply Including Street Lighting*	Compact substation 2000 KVA – 1nos						
	5m Cast Iron Pole with GI Ribbed/Grooved extrusion and single arm bracket Street light poles with 55 watt cast iron LED fixture.						
	Feeder panels- 6 way, 8 way and 12way.						
Community Building	NA						
Treatment and Disposal System of Sewage and Sullage water	550 KLD STP with MBBR Technology is planned within the premise.						
Solid Waste Management And Disposal System	Door to Door Collection shall be ensured from each household						
	Segregation waste treatment facility at Sec-6						
	Organic waste is composted with the help of Automatic organic waste converter machine.						
Water Conservation System	1Nos. Modular type rain water harvesting pits planned in green areas of the proposed development						
Energy Management System Including Use of Renewable Energy	Use of LED lights with lower LPD's (Lighting Power Density) when compared to baseline set by ECBC						
	Installation solar PV cells as required capacity synched with power supply internal grid are being proposed to meet requirements of EIA Authorities						
	Energy Metering to regulate the usage of electricity						
	Efficient equipment's like motors, pumps, Ac's, lifts, etc.						
	Zero use of Hydro-chlorofluorocarbon (HCFC) refrigerants in (HVAC) equipment and Unitary Air-Conditioners installed in the building(s)						
	Use of halon free fire suppression equipment						
Fire Protection And Fire Safety System	Fire staircases and FHC ,is planned at each floor as per NBC requirement .						
Social Infrastructure And Other Public Amenities Including Public Health Services	NA						
Emergency Evacuation Services	Fire staircase Planned as per NBC requirement						
Other Miscellaneous Work	NA						