

Development Work Name		Description of UCHDPL-VERIDIA-04-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)
	9.0	9.0	-	150	100	65
	12.0	12.0	-	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)		
	9.0	-	2.5	60		
	12.0	-	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 Water	Fire Reserve	Fresh Water	Flushing Water
Tower-4	NA	2 No.	2 No.	1 x 25KL	1 x 36KL	1 x 18KL
		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					
	Both side trees on 12m and 18m 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					