



ARCHMANIA

LANDSCAPING

INTERIOR DESIGNER

ARCHITECTURE

Development works		
SI No.	DEVELOPMENT WORK NAME	ENTER BRIEF DISCRPTION
1	Demarcation fo Plots	With MS Sheet Boundary
2	Boundry Wall	Precast Concrete Boundary wall with 150x150x2700 mm high columns and Panels of size 2010 x 300 x 50 mm, both of M30 Grade. Both the Panels and Columns will Reinforced with 4 mm dia of high carbon HTPS wire. The precast concrete column is to be embedded into the cement concrete column (1:2:4) of size 45 x
3	Road Work	Blacktop Road with WBM and Bituminus Concrete road as per CPWD Specifications. The Road shall be made after compacting the earth to the requisite density.
4	Footpaths	Precast 100x200 or 200x200 mm M40 Grade concrete Pavers 80 mm deep over the 1:2:4 PCC.
5	Water Supply including Drinking water Facilities	The complete water supply system shall be executed as per the approved drawings and relevant standards. One borewell shall be provided with a 5 HP submersible pump for water extraction, the borewell, pump, rising main, HDPE piping network, underground water storage tanks, control valves, fittings, and all accessories for proper distribution. Separate provision shall be made for drinking water points as Indicated in the drawings. (a) Raw Water Storage Tank: Providing and constructing RCC Raw Water Storage Tank of size 2.0 m x 2.5 m x 2.5 m having a total capacity of 15 KL, Including excavation, PCC bed, RCC base slab, walls and top slab, Internal waterproof plaster, Inlet, outlet, overflow, washout connections, MS manhole cover, vent pipe, and all necessary fittings complete as per approved drawings and specifications. (b) Treated Water Storage Tank: Providing and constructing RCC Treated Water Storage Tank of size 2.0 m x 2.5 m x 2.5 m having a total capacity of 15 KL, Including excavation, PCC bed, RCC base slab, walls and top slab, Internal waterproof plaster suitable for potable water storage, Inlet, outlet, overflow, washout connections, MS manhole cover, vent pipe, and all necessary fittings complete as per approved drawings and specifications. (c) Pump Room: Providing and constructing Pump Room of size 2.4 m x 2.5 m x 2.5 m, Including RCC foundation, brick masonry walls, plastering, RCC slab, waterproofing, door, ventilation, flooring, and all civil works complete as per approved drawings and specifications. (d) Water Distribution System: Providing, laying, testing, and commissioning of water supply distribution system including main distribution line and 32 mm dia individual water supply connection to each plot (8 Nos plots), Including fittings, valves, specials, excavation, backfilling, and making good complete as per specifications.
6	Sewer System	External Sewer line will be laid along with the road from each plot to the Septic tank as per the approved drawings.
7	Drain	Masonry drain channels are being provided along both sides of the road to carry surface rainwater to the per Rain Water Harvesting Pit of 4.5KL capacity, as per the approved drawings and design calculations.
8	Parks	Parks will be developed as per the good landscape practise and the Evergreen trees will be planted.
9	Tree Planting	As per approved Plan and Evergreen Trees will be planted along the Road and Park
10	Design for electric supply including street lighting	As per the Aprooved drawing, transformers, Feeder Pillars and and Steet Lighting has been designed and will be executed.
11	Community Buildings	Not Applicable
12	Treatment and disposal system of Sewages and Sullage water	Septic Tank is designed and provided as per approved calculations for 8 nos. of plots, considering 15 persons per plot in accordance with standard sanitation norms. The capacity has been calculated Based on per capita sewage generation and required
13	Solid Waste Management and Disposal System	Dry and wet garbage will be collected by the Civic Agencies and Disposed off.
14	Water Conservation System	Rain Water Harvesting system shall be provided as per approved specifications. 1200 mm diameter manhole with 4000 mm depth has an approximate gross storage capacity of 4.5 KL. Proposed for the Rain Water Harvesting pit. with catch basin and DSiling
15	Enerty Mangement System Including use of Renewable Energy	Solar powered street light system will be provided for effective Power management system.
16	Fire Protection and Fire Safety System	As per fire norms will be provided
17	Social Infrastructure and othe public amenities including public health services	Not Applicable
18	Emergency Evacuation Services	Not Applicable
19	Other Miscellaneous Work	Not Applicable

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