



MAHARASHTRA CRICKET ASSOCIATION

(Affiliated to The Board of Control for Cricket in India 10-1-37),
(Registered Under Societies Reg. Act, 1860) (Maharashtra 565/Pune),
(Registered Under Bombay Public Trust Act, 1950 Reg. No. F-1042/Pune).

GSTIN 27AAATM2192D1ZS

Contact 020- 2995 3586 | 020- 2995 3587

Email cricketmaharashtra@yahoo.com

Hon. President
ROHIT PAWAR

Hon. Vice-President
KIRAN SAMANT

Hon. Secretary
ADV. KAMLESH PISAL

Hon. Jt. Secretary
SANTOSH BOBDE

Hon. Treasurer
SANJAY BAJAJ

TENDER DOCUMENT

FOR CONSTRUCTION

OF PERIPHERY DRAIN

AT MCA GROUND B, GAHUNJE, PUNE



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TENDER NOTICE

1. Invitation:

Maharashtra Cricket Association (MCA) invites Quotations in sealed envelope for construction of Periphery drain at MCA B Ground, Gahunje, Pune. Details of the work are enclosed herewith.

2. Earnest Money Deposit:

Rs. 1,00,000/- by Demand Draft (DD)/Cheque in favour of "MAHARASHTRA CRICKET ASSOCIATION" payable at Pune along with submission of Quotation. The DD)/Cheque should be put into a separate sealed envelope with the name of bidder clearly written on it.

3. Security Deposit:

5% of Tender Value. Earnest Money Deposit shall be adjusted as Security Deposit. The security deposit will be held by MCA till the end of Defect Liability period.

4. Eligibility of Bidder:

The bidder should have completed infrastructure work of similar scale (work order/invoice should be submitted) in one of the last 3 Financial Year. The bidder should be Profit making Entity with an annual turnover of 1 Crore or above in Financial Year 2024-2025 (Audited Balance sheet should be enclosed).

5. Timelines for Work Completion:

The time limit for the completion of work shall be 90 days from the date of issuance of LOI/Work Order.

6. Commencement of Work:

Immediately from the date of issuance of work order.



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7. Right of acceptance/rejection:

MCA reserves the right to accept any bid or reject any or all bids or to postpone or cancel the work without assigning any reason to do so and does not bind itself to accept the lowest or any bid.

8. Defect liability period:

6 months from the date of the final bill/handing over of entire work.

9. Date, Time & Place of tender submission:

Last date of tender submission is 11/12/2025 by 6 PM at MCA Head Office, Block-D, 1 Modibaug, Narveer Tanaji Wadi, Ganeshkhind road, Shivajinagar, Pune 411005.

For Maharashtra Cricket Association

Adv. Kamlesh Pisal
Hon. Secretary



BOQ for periphery drain at MCA B Ground-Gehunje PUNE

Sr	Description	Unit	Qty / m	Total Qty (for 450 m)	Rate	Amt
1	Earthwork excavation in trenches for drain up to ~1.6 m depth in all kinds of soil including setting out, shoring, dewatering (if required), trimming sides & bottom and disposing surplus earth within 50 m lead	m ³	2.94	1,325		
2	PCC 1:4:8 (cement : sand : 40 mm agg.) in bed below RCC base slab, 100 mm thick, 1.50 m wide	m ³	0.15	89		
3	RCC M20 base slab, 200 mm thick, 1.30 m wide, including curing but excluding steel & formwork	m ³	0.26	131		
4	RCC M20 side walls, 200 mm thick, 1.35 m high (above top of base slab), both sides, including curing but excluding steel & formwork	m ³	0.54	285		
5	Reinforcement steel (Fe 500) in base slab and walls, including cutting, bending, placing and binding (assumed 120 kg/m ³ of RCC)	kg	96	48,200 (≈ 48.2 T)		
6	Formwork / centering & shuttering to vertical faces of RCC walls (both sides) and to sides of RCC base slab	m ²	5.8	3,340		
7	15 mm thick cement plaster in CM 1:4 to internal faces of drain (bottom slab and both side walls)	m ²	3.6	1,850		
8	Backfilling around drain with available excavated earth in layers not exceeding 200 mm, watering and ramming, after completion of RCC	m ³	1.99	1020		
9	Hot-dip galvanised MS grating cover over drain, including MS frame anchored in RCC, gratings fabricated to suit clear opening (approx. 0.90 m wide), fixing, welding/bolting and all finishing	m ²	0.75	420		

NOTES

Ø Excavation depth = internal depth (1.35 m) + base slab (0.20 m) $\approx$ 1.55 m

Page 2

Ø Internal clear width = 0.75 m

Ø Internal clear depth (AVERAGE*) = 1.35 m

Ø RCC wall thickness = 0.15 m

Ø RCC base slab thickness = 0.20 m

Ø Base slab width = $0.90 + 2 \times 0.20 = 1.30$ m

Ø PCC bedding below base = 100 mm thick, 1.50 m wide

Ø Excavation trench width = base width 1.30 m + 0.30 m working space each side

→ trench width = 1.90 m

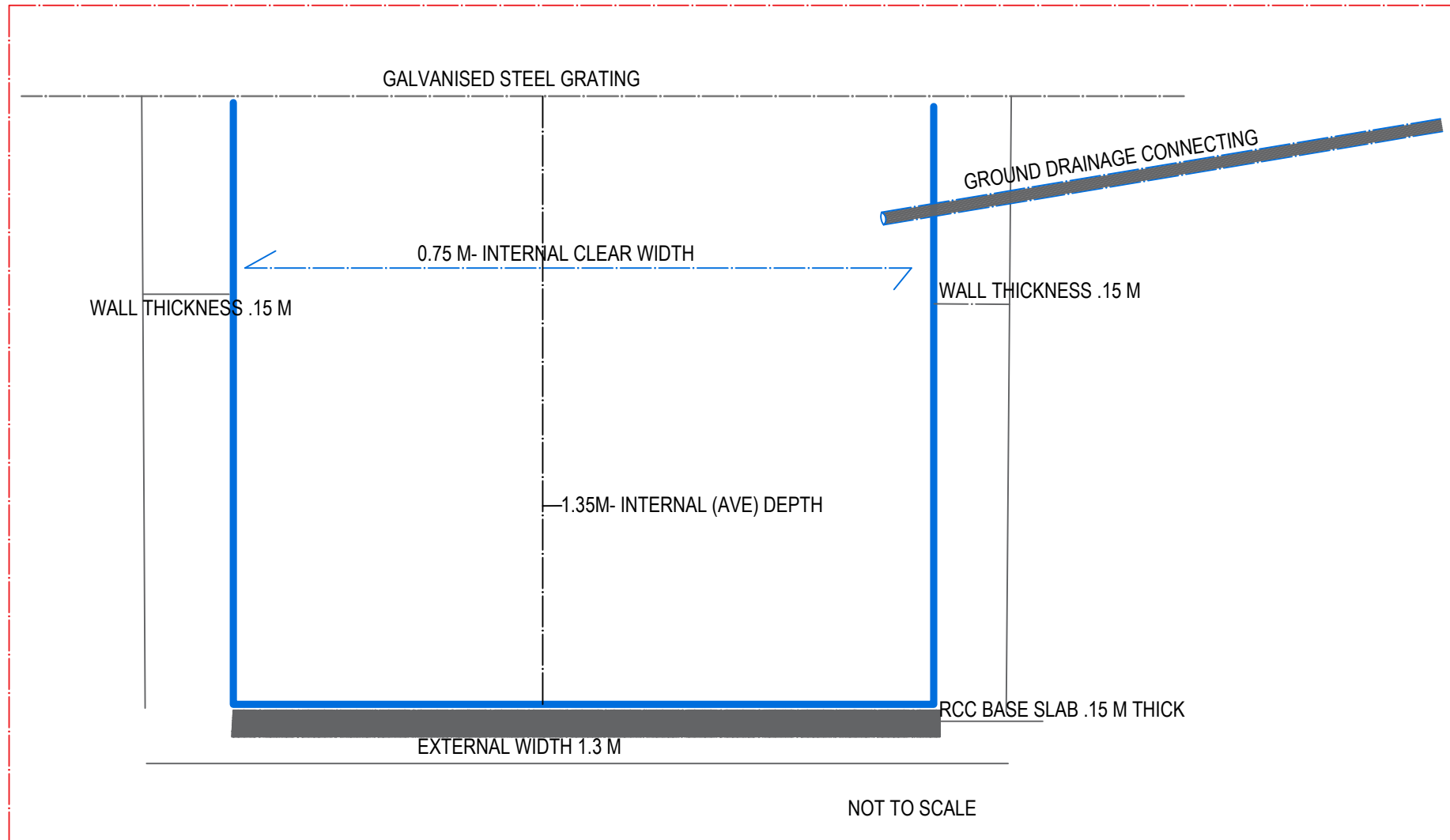
Ø Reinforcement = assumed 120 kg/m³ of RCC (base + walls)

o Sides of base slab (both edges) + both faces of both walls

Ø Plaster: 15 mm thick internal (walls + bottom only)

***Invert level .50m to 2.25m**

CROSS SECTION OF PERIPHERY DRAIN - MCA B GROUND-PUNE

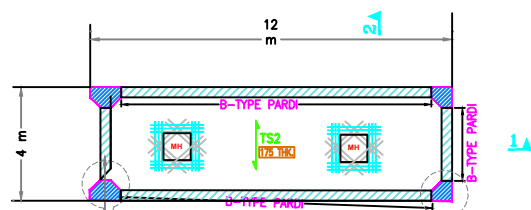


BOQ FOR 100 kL UG WATER TANK

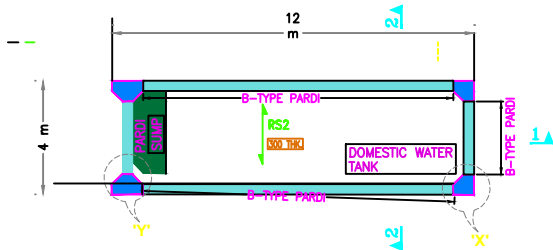
Item No.	Description	Unit	Qty	Unit rate (₹)	Amount (₹)
1	Site clearance (vegetation)	LS	1		
2	Excavation (soft soil)	m ³	194.25		
3	Filling & compaction with rammer (150 mm)	m ³	11		
4	PCC 50 mm blinding (1:4:8)	m ³	2.2		
5	RCC (M20) — bottom/walls/roof (place & cure)	m ³	40.00		
6	Reinforcement steel (supply & place)	kg	4,220		
7	Formwork / shuttering (sides & soffit)	m ²	190.3		
8	PVC waterstop at joints	m	40		
9	External waterproofing (basement-grade)	m ²	190.3		
10	Inlet/Outlet pipes, valves & fittings (allowance)	LS	1		
11	Manhole with cover, access ladder	No.	1		
12	Hydro test (72 hr) & rectification	LS	1		
13	Backfilling & compaction (selected fill)	m ³	190.78		
14	Disposal of surplus earth	m ³	(as reqd)		
15	Misc 5% contingency	LS	1		

NOTES:**Page :2**

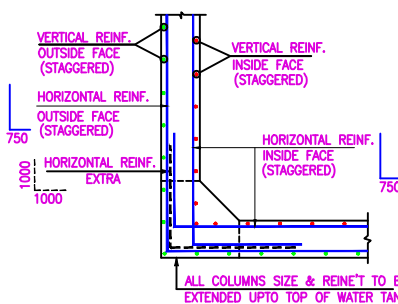
1	Internal clear tank size = 6.50 m (L) × 4.50 m (B) × 3.50 m (H) → capacity ≈ 102,375 L (≈100 kL).
2	Wall thickness = 270 mm (0.27 m) , bottom slab thickness = 220 mm (0.22 m) , roof/top slab thickness = 200 mm (0.20 m) — commonly used dimensions for tanks of this capacity
4	Concrete grade assumed M20 (1:1.5:3) (adjust to M25/M30 if structural design requires). Use waterproofing admixture / membrane as specified by the structural/soil engineer
5	Excavation includes 0.5 m working clearance around depth and 0.5–1.0 m of lateral working clearance .Site conditions (rock, water table) will change quantities and method (dewatering, rock breaking).
	Ø Concrete volume (RCC) = 35.47 m³ (bottom slab + walls + roof slab).
	Ø Dry concrete volume (factor 1.54) = 54.62 m³ (for material takeoff).
	Ø Cement ≈ 14,300 kg → ≈ 286 bags (50 kg) .
	Ø Sand ≈ 14.90 m³ (fine aggregate).
	Ø Coarse aggregate ≈ 29.79 m³ .
	Ø Reinforcement steel (estimate) ≈ 3,547 kg (≈ 3.55 tonnes).
	Ø Formwork / shuttering area (estimate) ≈ 183.3 m² .
	Ø Excavation (earth) ≈ 194.25 m³ .
	Ø Backfill (selected fill) ≈ 158.78 m³



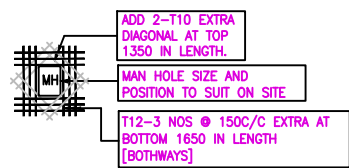
PLAN AT U.G.W.T TOP SLAB LEVEL



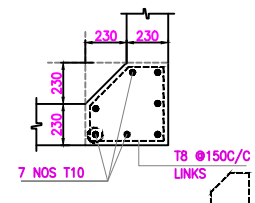
PLAN AT U.G.W.T BOTTOM SLAB LEVEL



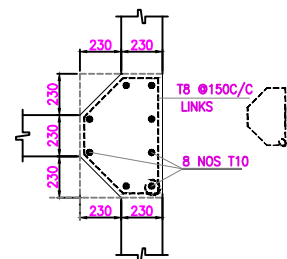
DETAILS OF HORIZONTAL REINFORCEMENT AT CORNER (PLAN)



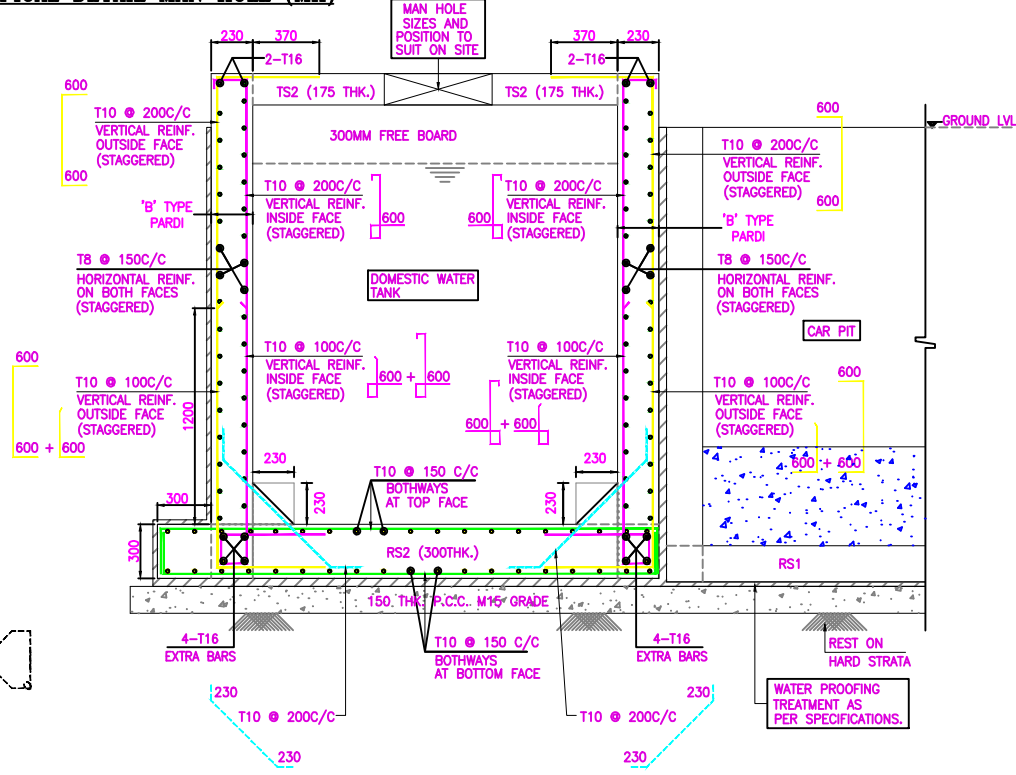
TYPICAL DETAIL MAN HOLE (MH)



DETAILS AT 'X' FOR COLUMN (PLAN)



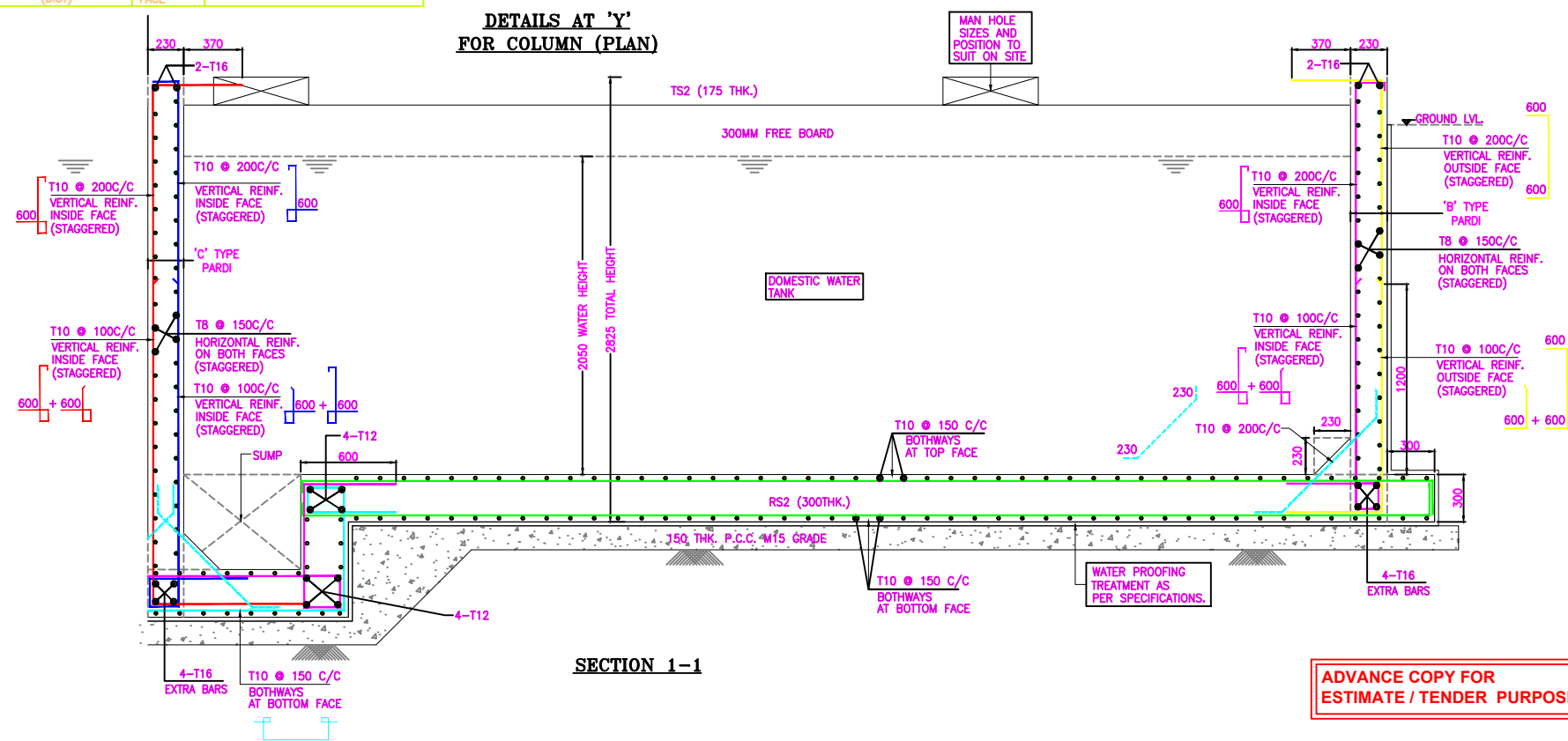
DETAILS AT 'Y' FOR COLUMN (PLAN)



SECTION 2-2

SCHEDULE OF SLABS [AT UNDERGROUND WATER TANK]

SLAB TYPE	SLAB THK.	REINFORCEMENT ALONG		REMARK	
		SHORT SPAN	LONG SPAN		
RS2	300	T10 @ 150 C/C	T10 @ 150 C/C	AT TOP FACE	TWO WAY UNDERGROUND WATERTANK BOTTOM RAFT SLAB
		T10 @ 150 C/C	T10 @ 150 C/C	AT BOTTOM FACE	
TS2	175	T10 @ 100 C/C ALT. BENT UP	T10 @ 200 C/C (DIST)	AT TOP FACE	ONE WAY UNDERGROUND WATERTANK TOP SLAB DESIGNED FOR FIRE TENDER LOAD
		T10 @ 100 C/C ALT. BENT UP	T10 @ 200 C/C (DIST)	AT BOTTOM FACE	



SECTION 1-1

GENERAL NOTES

- 1] GRADE OF CONCRETE: WATERTANK = M30
- 2] UNDERGROUND WATERTANK BOTTOM SLAB TO BE REST ON HARD STRATA.
- 3] DO NOT CAST ANY R.C.C. WORK UNLESS IT IS CHECKED AND CONFIRMED BY R.C.C. DESIGNER.
- 4] FOR ALL DIMENSIONS REFER ARCHITECTURAL DRAWINGS.
- 5] ALL LEVELS TO BE CONFIRMED WITH ARCHITECTURAL DRAWING OR AT SITE.
- 6] WATERTANK SHOULD NOT FILL UNTILL TOP SLAB CASTED & CURED.
- 7] WATER PROOFING AS PER SPECIFICATION.
- 8] POSITION & SIZE OF SUMP WELL AS PER REQUIREMENT.
- 9] BOTTOM SLAB OF UNDERGROUND WATERTANK IS NOT DESIGNED FOR WATER TABLE AS PER DATA GIVEN BY CLIENT.
- 10] CAPACITY OF UNDER GROUND WATER TANK

DOMESTIC WATER TANK = CAP. 1,00,000 LTRS.

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