

TENDER NOTICE

Ref. No. DAV/RC,AN/GAYA/2024/305

Dated 28/10/2024

1	Name of The Works	Renovation of common toilets & drinking fountain near security guard room
2	Estimated Area	1. Renovation of common toilet & drinking fountain- 326.36 SFT 2. SepticTank for Common Toilet- 80 SFT. 3. 60 mm Thick M35 grade CC Paver Block- 505.22 SFT 4. Sand Filling under Paver Block for maintaining Slope- 80.84 SFT
3	Time of Completion	30 days
4	Date of Tender Notification	28/10/2024
5	Last Date/Time for Receipt of Bids	12/11/2024 (upto 2.00 pm)
6	Name and Address of office Inviting Tender	Principal, DAV Public School, Rotary Campus, Ashok Nagar, Gaya.
7	Contact Number of Procurement Office	0631-2950279
8	Help Numbers	9425835417

1. The School shall not be liable to pay any tax, freight, etc. which has not been expressly stipulated in the quotation in the event of acceptance of the quotation. The School will deduct TDS as per rule of Income Tax.
2. The undersigned does not bind him to accept the lowest quotation and reserves the right to accept the quotation in whole or in part i.e., with respect to the entire article mentioned in the attached statement or in respect of one or more than one articles specified in the attached statement as he may decide.
3. On acceptance of the quotation it will become a contract and the contractor shall be bound by the terms and conditions of the quotation as well. Contractor must fulfill the terms and conditions of Government of Bihar as well as govt. of India.
4. The quantity of articles indicated in the attached statement may be increased or decreased at the discretion of the undersigned without assigning any reason.
5. The rates quoted by the contractor shall hold good upto finishing of the renovation works. No amendment will be accepted in the rate of renovation.
6. The description of the said renovation works in details can be had from the office of either RO/Dy. R.O./ARO Bihar Zone- H or from the Principal of DAV Public School, Rotary Campus, Ashok Nagar, Gaya. The payment will be made to the contractor through A/C payee cheque after the finishing of the work and duly approved by the architect.
7. Quotations which do not comply with the above conditions are liable to be rejected.
8. Non-completion of works within the stipulated time, the contractor will be liable to pay penalties as decided by the Building Sub-Committee, except the special circumstances if any.

(Handwritten Signature)
28/10/24
(PRINCIPAL)

Principal
D.A.V. Public School
Rotary Campus, Ashok Nagar
Gaya (Bihar)

1. RENOVATION OF COMMON TOILET & DRINKING FOUNTAIN

Area of common toilet and drinking fountain = $24'-10'' \times 8'-4'' + 6'-8'' \times 17'-11'' = 326.36\text{SFT}$ (30

		SECTION - I (DISMANTLING WORK)		
1	15.3	Demolishing R.C.C. work including stacking of steel bars and disposal of unserviceable material within 50 metres lead.	0.26	Cum
2	15.7	Demolishing brick work including stacking of serviceable material and disposal of unserviceable material within 50 meters lead:		
	15.7.4	In cement mortar	0.10	Cum
3	15.60	Disposal of building rubbish/ malba/ similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved.	2.70	Cum
4	15.56	Dismantling old plaster or skirting racking out joints and clearing the surface for plastering including disposal of rubbish to the dumping ground within 50 metres lead.	72.91	Sqm
5	15.12	Dismantling doors, windows and clerestory windows (steel or wood) shutters including chowkhats, architrage, holdfasts etc. complete and stacking within 50 metres lead:		
	15.12.1	Of area 3 sqm and below	1.00	Each
		SECTION-II (EARTH WORK/SAND FILLING)		
6	2.28	Supplying and filling in plinth with local sand and under floors including watering, ramming, consolidating and dressing complete.	3.71	Cum
		SECTION-III (R.C.C./P.C.C. WORK)		
7	4.1	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work upto plinth level.		
	4.1.3	1:2:4 (1 cement, 2 coarse sand, 4 graded stone aggregate 20mm nominal size.)	1.10	Cum
8	5.3	Reinforced cement concrete work in Beams , suspended floors, roofs, having slope upto 15		

Sl.No.	S.O.R.	DESCRIPTION	Qty.	Unit.
		landings, balconies, shelves, chajjas, lintels, bands, plain window sills, stair cases and spirial stair cases upto floor five level excluding the cost of centering shuttering, finishing and reinforcement with 1:1.5:3 (1 cement;1.5coarse sand; 3 graded stone aggregate 20 mm nominal size)	0.11	Cum
9	5.9	Centering and shuttering including strutting propping etc and removal of form for		
	5.9.5	Lintels, Beams, plinth beams, girders, bressumers and cantilevers.	1.53	Sqm
10	5.22	Reinforcement for R.C.C. work including straightening ,cutting ,bending,placing in position and binding all complete.		
	5.22.7A	Thermo-Mechanically treated bars TMTC-500-8mm.	6	Kg
	5.22.7B	Thermo-Mechanically treated bars TMTC-500-10mm	15	Kg
SECTION - IV (MASONRY WORK)				
11	6.18.4A + 6.19A	Half brick masonry with bricks of class designation 100A in superstructure above plinth level upto floor V level in cement mortor 1:4 (1 cement; 4 coarse sand).	4.60	Sqm
SECTION - V (FLOORING WORK)				
12	11.72	Providing designation 100A one brick flat soling joints filled with local sand including cost of watering, taxes, royalty all complete as per building specification ad direction of E/I.	12.38	Sqm
13	11.41A	Providing and laying vitrified tiles in floor in different sizes (thickness to be specified by the manufacturer) with water absorption's less than 0.08% and confirming to IS: 15622 of approved brand & manufacturer, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement: 4 coarse sand) jointing with grey cement slurry & 3.3 kg/sqm including grouting the joints with white cement and matching pigments etc. The tiles must be cut with the zero chipping diamond cutter only. Laying of tiles will be done with the notch trowel, plier, wedge, clips of required thickness, leveling system and rubber mallet for placing the tiles gently and easily.		
	11.41A.3	Glazed Vitrified tiles Matt/Antiskid finish of size 11.41A.3.1- Size of Tiles 600x600 mm	25.53	Sqm
14	11.36	Providing and fixing first quality ceramic glazed wall tiles confirming to IS 15622(Thickness to be specified by manufacturer) of approved make in all colours, shades execpt burgundy, bottle green, black of any size as approved by engineer in		

Sl.No.	S.O.R.	DESCRIPTION	Qty.	Unit.
		charge in skirting, risers of steps and dados over 12mm thick bed of cement mortar 1:3 (1 cement, 3 coarse sand) and jointed with grey cement slurry @ 3.3 Kg/sqm including pointing in white cement mixed with pigment of matching shade complete.	72.91	Sqm
SECTION-VI (PLASTERING WORK)				
15	13.11	12 mm thick Cement plaster in cours sand of mix:	5.75	Sqm
	13.11.4	1:6(1 cement: 6 coarse sand)		
16	13.12	15 mm cement plaster on rough side of single or half brick wall of mix:	5.75	Sqm
	13.12.4	1:6(1 cement: 6 coarse sand)		
SECTION-VII (ALUMINIUM WORK)				
17	MR	Providing and fixing aluminium framed doors, sliding windows, ventilators and partitions with Aluminium sections, 4 mm thick plain glass, rubber, handles, door bolts, sliding tower bolts and locks, composite panel etc. complete.	1.63	Sqm
SECTION-VIII (FINISHING WORK)				
18	13.46A	Finishing walls with premium Acrylic smooth exterior paint with silicone additives of required shade	13.59	Sqm
	13.46A.1	New work (Two or more coat applied @ 1.43 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/ 10 sqm.)		
19	13.82	Painting with ready mixed paint of approved brand and manufacture in all shades to give an even shade.	20.00	Sqm
	13.82.1	New steel work (Two or more coats.)		
SECTION- IX (SANITARY WORK)				
20	17.3	Providing and fixing white vitreous china pedestal type water closet (European type) with seat and lid, 10 litre low level white vitreous china flushing cistern & C.P. flush bend with fittings & C.I. brackets, 40 mm flush bend, overflow arrangement with specials of standard make and mosquito proof coupling of approved municipal design complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required:		
	17.3.1	W.C. pan with ISI marked white solid plastic seat and lid.		1 Each
21	17.23	Providing and fixing white vitreous china flat back or wall corner type lipped front urinal basin of 430x260x 50 mm or 340x410x265 mm sizes respectively.		6 Each
22	17.7	Providing and fixing wash basin with C.I. brackets		

Sl.No.	S.O.R.	DESCRIPTION	Qty.	Unit.
		15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern including painting of fittings and brackets, cutting and making good the walls wherever required:		
	17.7.7	White Vitreous china Flat back wash basin size 450x 300 mm with single 15 mm C.P. brass pillar tap.	1	Each
23	17.29	Providing and fixing 100 mm sand cast iron grating for gully trap.	9	Each
24	17.71	Providing and fixing PTMT liquid soap container 109 mm wide, 125mm high and 112mm distance from wall of standard shape with bracket of the same materials with snap fittings of approved quality and colour, weighing not less than 105 gms.	1	No.
SECTION- X (WATER SUPPLY WORK)				
25	18.15	Providing and fixing brass bib cock of approved quality		
	18.15.1	15 mm nominal bore	16	Each
SECTION-XI (STEEL WORK)				
26	10.2	Structural steel work riveted or bolted in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	400	Kg
SECTION- XII (ROOFING WORK)				
27	12.1	Providing corrugated G.S. sheet roofing fixed with G.I.J. or hooks, bolts and nuts 8mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead and including a coat of approved steel primer and two coats of approved paint on over lapping of sheets complete (up to a pitch of 60 *) excluding the cost of purlins, rafters and tursses.		
	12.1.1	0.50 mm thick with zinc coating not less than 275 gm/sqm.	35.38	Sqm

Sl.No.	S.O.R.	DESCRIPTION	Qty.	Unit.
		(1) SEPTIC TANK FOR COMMON TOILET		
		Area of Septic tank = 80 SFT (7.43 SM)		
		SECTION-I (DISMANTLING)		
1	MR	Dismantling and cleaning of P.C.C.floor,Brick work,etc	LS	
		SECTION-II (EARTH WORK/SAND FILLING)		
2	2.8.	Earth work in excavation in foundation trenches or drains (not exceeding 1.5M in width or 10 sqm on plan) including dressing of sides and ramming of bottoms ,lift upto 1.5 M including getting out the excavated soil and disposal of surplus excavated soil as directed within a lead of 50 M.		
	2.8.1	All kinds of soil.	30.43	Cum
3	2.28	Supplying and filling in plinth with local sand and under floors including watering, ramming, consolidating and dressing complete.	0.70	Cum
		SECTION-III (R.C.C./P.C.C. WORK)		
4	4.1	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work upto plinth level.		
	4.1.2	1:1.5:3 (1 cement, 1.5 coarse sand, 3 graded stone aggregate 20mm nominal size.)	0.90	Cum
5	5.1	Providing and laying in position specified grade of reinforced cement concrete excluding the cost of centring, shuttering, finishing and reinforcement - All work upto plinth.		
	5.1.2	1:1.5:3 (1 cement, 1.5 coarse sand, 3 graded stone aggregate 20mm nominal size)	0.90	Cum
6	5.2	Reinforced cement concrete work in wall(any thickness)including attach pilasters, buttresses, plinth and string courses,fillets, columns, pillars, piers, abutments,posts and struts etc. upto floor five level excluding cost of centering, shuttering finishing and reinforcement.		
	5.2.2	1:1.5:3 (1 cement, 1.5 coarse sand, 3 graded stone aggregate 20mm nominal size.)	0.86	Cum
7	5.3	Reinforced cement concrete work in Beams , suspended floors, roofs, having slope upto 15		

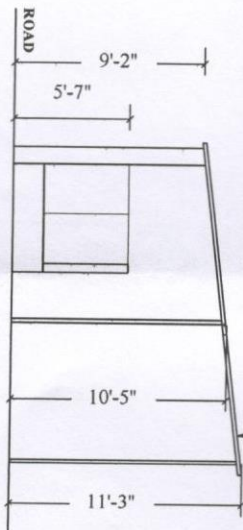
Sl.No.	S.O.R.	DESCRIPTION	Qty.	Unit.
		landings, balconies, shelves, chajjas, lintels, bands, plain window sills, stair cases and spirial stair cases upto floor five level excluding the cost of centering shuttering, finishing and reinforcement with 1:1.5:3 (1 cement;1.5coarse sand; 3 graded stone aggregate 20 mm nominal size)	1.32	Cum
8	5.9	Centering and shuttering including strutting propping etc and removal of form for		
	5.9.1	Foundations, footings, bases of columns etc. for mass concrete.	2.54	Sqm
	5.9.3	Suspended floors, roofs, landings balconies and access platform.	7.43	Sqm
	5.9.5	Lintels, Beams, plinth beams, girders, bressumers and cantilevers.	10.96	Sqm
	5.9.6	Columns, pillars, piers, abutments posts and struts.	14.24	Sqm
	5.9.16	Edges of slabs and breaks in floors and walls.		
	5.9.16.1	Under 20 cm wide.	14.63	Rm
9	5.22	Reinforcement for R.C.C. work including straight-ening ,cutting ,bending,placing in position and binding all complete.		
	5.22.7A	Thermo-Mechanically treated bars TMTC-500-8mm.	175	Kg
	5.22.7C	Thermo-Mechanically treated bars TMTC-500-12mm	160	Kg
		SECTION-IV (MASONRY WORK)		
10	6.1A	Brick work with bricks of class designation 100A in foundations and plinth in		
	6.1.14A	Cement mortar 1:6 (1 cement:6 coarse sand)	4.65	Cum
11	6.18.4A+ 6.19A	Half brick masonry with bricks of class designation 100A in super structure above plinth level upto floor V level in cement mortar 1:4 (1 cement : 4 coarse sand).	16.60	Sqm
		SECTION - V (FLOORING WORK)		
12	11.3	Cement concrete flooring 1:2:4 (1 cement: 2 coarse sand: 4 graded stone aggregate) finished with a floating coat of neat cement including cement slurry etc. but excluding the cost of nosing of steps etc. complete.		
	11.3.1	40mm thick with 20mm nominal size stone aggregate	7.43	Sqm
13	11.72	Providing designation 100A one brick flat soling joints filled with local sand including cost of watering, taxes, royalty all complete as per building specification ad direction of E/I.	9.18	Sqm
		SECTION-VI (PLASTER WORK)		
14	13.12	15 mm cement plaster on rough side of single or half brick wall of mix		
	13.12.4	1:6 (1 cement; 6 coarse sand).	4.46	Sqm

Sl.No.	S.O.R.	DESCRIPTION	Qty.	Unit.
15	13.17.2	12 mm cement plaster 1:4(1 cement: 4 coarse sand) finished with a floating coat of neat cement.	42.10	Sqm
SECTION-VII (FINISHING WORK)				
16	13.79	Finishing walls with water proofing cement paint of approved brand and manufacture and of required shade to give an even shade		
	13.79.1	New work (three or more coats)	4.46	Sqm
SECTION-VIII (DRAINAGE WORK)				
17	19.16	Providing orange colour safety foot rest of minimum 6 mm thick plastic encapsulated as per IS:10910, on 12 mm dia steel bar conforming to IS:1786, having minimum cross section as 23mmx25mm and over all minimum length 263 mm and width as 165 mm with minimum 112 mm space between protruded legs having 2 mm tread on top surface by rubbing or chequered besides necessary and adequate anchoring projections on tail length on 138 mm as per standard drawing and suitable to with stand the bend test and chemical resistance test as per specifications and having manufacturer's permanent indetification mark to be visible even after fixing, including fixing in manholes with 30x20x15 cm cement concrete block 1:3:6 (1 cement:3 coarse sand: 6 graded stone aggregate 20 mm nominal size) complete as per design.	9	No
18	19.19	Providing and fixing in position pre-cast R.C.C. manhole cover and frame of required shape and approved quality		
	19.19.3.1	Circular shape 560 mm internal diameter.	1	No
19	MR	Providing and fixing 100 mm dia M.S. vent pipe	1	No
TOTAL				
Add 5% extra for external and internal PHE work,				
GRAND TOTAL				
FOUNDING OFF				
Cost of construction per S.Ft.				

ABSTRACT OF COST OF PAVER BLOCKS NEAR COMMON TOILET & DRINKING FOUNTAIN
D.A.V. PUBLIC SCHOOL, ROTARY CLUB CAMPUS, ASHOK NAGAR, GAYA, BIHAR.

I.No.	S.O.R.	DESCRIPTION	Qty.	Unit.
1. 60 MM THICK M35 GRADE C.C. PAVER BLOCKS NEAR COMMON TOILET & DRINKING FOUNTAIN				
Area of Paver Blocks = 505.22 SFT (46.95 SM)				
SECTION-I (PAVER WORK)				
1	11.78	Providing and laying factory made coloured chamfered edge Cement Concrete paver blocks of required strength, thickness & size/shape, made by table vibratory method using PU mould, laid in required colour & pattern over 50mm thick compacted bed of fine sand, compacting and proper embedding/laying of interlocking paver blocks into the sand bedding layer through vibratory compaction by using plate vibratory filling the joints with jamuna sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand in foot path, parks, lawns, drive ways or light traffic parking etc. complete as per manufacturer's specifications & direction of Engineer-in-charge. 60 mm thick C.C. paver block of M-35 grade with approved colour, design & pattern.	46.95	Sqm
TOTAL				
ROUNDUP				
Cost of Paver Blocks per \$ft.				
(2) SAND FILLING UNDER C.C. PAVER BLOCKS NEAR COMMON TOILET FOR MAIN				
Quantity of sand for maintaining slope of 4"(6" to 2")= 505.22 SFT X 2" Aver.= 80.8				
SECTION-I (EARTH WORK)				
1	2.28	Supplying and filling in plinth with local sand under floors including, watering, ramming consolidating and dressing complete.	2.29	Cum
TOTAL				

0.50 MM G.I. TATA SHEET OVER 60X60X2.5 MM & 50X25X2.5MM M.S. PIPE FRAME AND FIXED WITH J HOOK AND WASHERS.



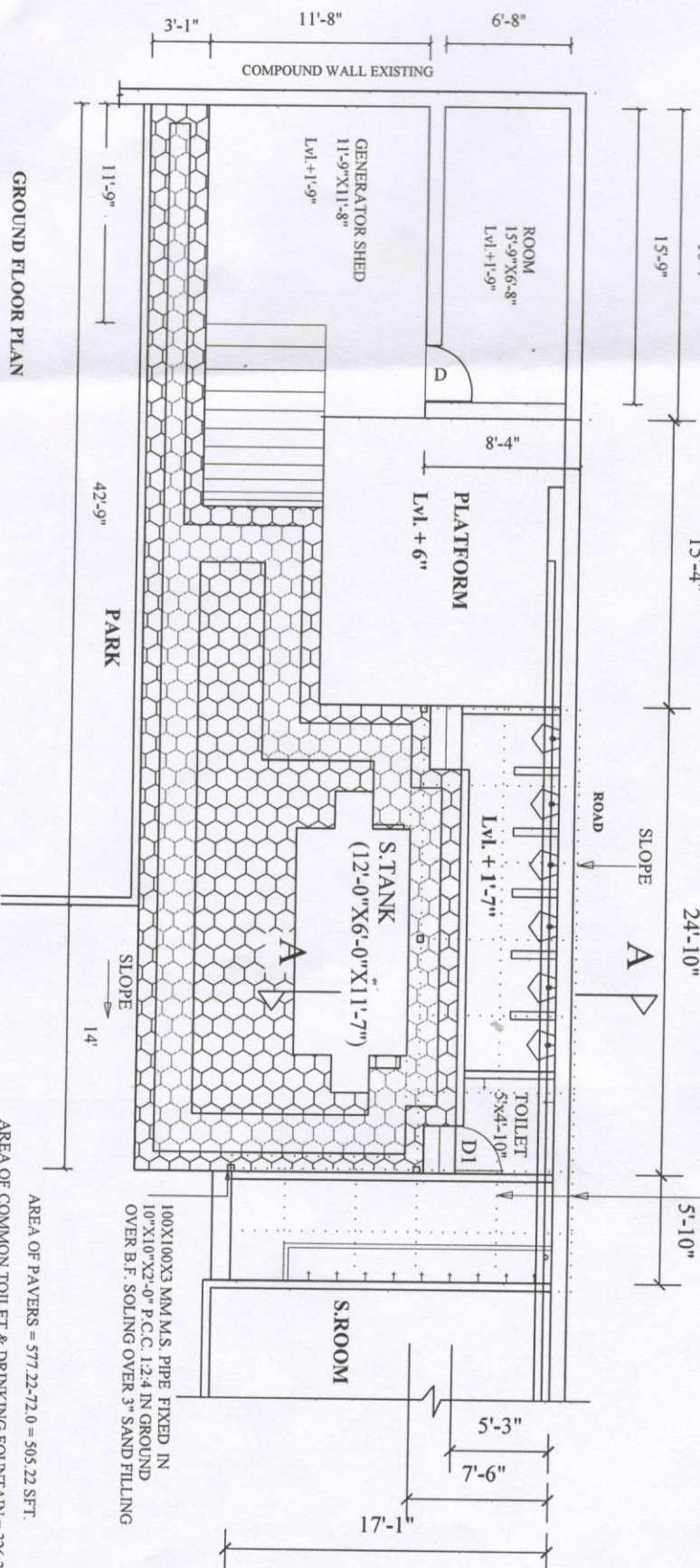
SECTION 'A-A'

NOTE:-

1. M.S. PIPES OF TATASAIL/JINDAL WILL BE PAINTED.
2. TATA COLORED SHED WILL BE FIXED WITH SLOPING ROAD SIDE AS PER DRAWING.
3. WALL TILES & CERAMIC FLOORING WILL BE COMPLETELY DISMANTLED AND RENEWED WITH ANTIKID MAT FINISH 2X2' VITRIFIED.
4. ALL FIXTURES AND FITTINGS WILL BE RENEWED OF URINAL, TOILET & DRINKING.
5. ANTIKID MAT FINISH 2X2' VITRIFIED FLOORING WILL BE DONE ON URINAL OVER 3" P.C.C. 1:2:4 OVER B.F. SOLING OVER SAND FILLING AFTER DISMANTLING OLD ONE.
6. ALL PIPE LINES WILL BE CORRECTED.
7. E.W.C. BASIN & NUL WILL BE FIXED IN TOILET & CONNECTED TO SEPTIC TANK AND DRAIN.
8. 60 MM THK. PAVERS WILL BE FIXED ON SAND FILLING NEAR COMMON TOILET & DRINKING AS PER DRAWING MARINATING SLOPE.
9. 5" B. WALL BE ADDED IN TOILET UP TO 7' HT AND 6'X3" R.C.C. 1:1.5:3 LINTEL WILL BE ADDED OVER WALL, PLASTERED & WEATHER PROOF PAINTED.
10. ALUMINIUM DOOR WILL BE FIXED IN TOILET AFTER REPLACING OLD ONE.

0.50 MM G.I. TATA SHEET OVER 60X60X2.5 MM & 50X25X2.5MM M.S. PIPE FRAME FIXED WITH J HOOK AND WASHERS AND WILL BE RESTING ON 100X100X3MM COLUMNS ON ONE SIDE AND ON OTHER SIDE IT WILL BE RESTING ON COMPOUND WALL.

MATERIALS DETAIL:-
 CEMENT - LAFARGE/BANGUR/PRISM/AOC
 STONE - PAKUR/KARWANDIA
 SAND - GANGA/SONE/BATENE
 BRICK - 1ST CLASS
 M. STEEL - TATA/JINDAL/SAIL
 KOTA - FROM KOTA 23 MM THICK
 PAINT - ASIAN/BERGER/NEROLACK
 ANTIKID CERAMIC FLOOR TILES 2'X2' & WALL TILES -
 BAJAJ/NITCO/ORIENT/SOMANY/JANSON



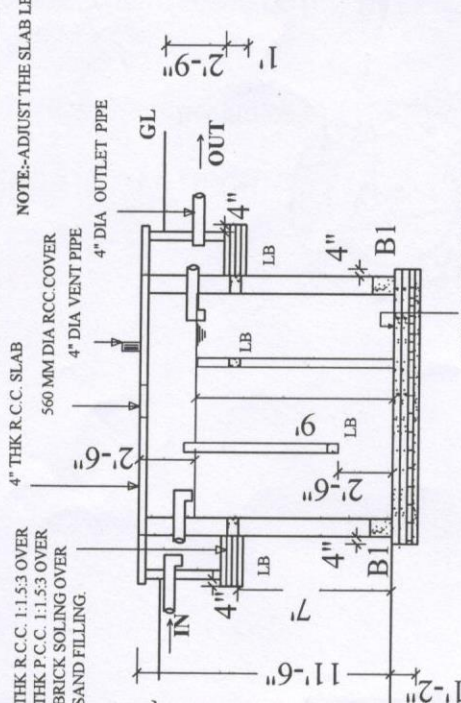
GROUND FLOOR PLAN

AREA OF PAVERS = 577.22-72.0 = 505.22 SFT.
 AREA OF COMMON TOILET & DRINKING FOUNTAIN = 326.36 SFT.

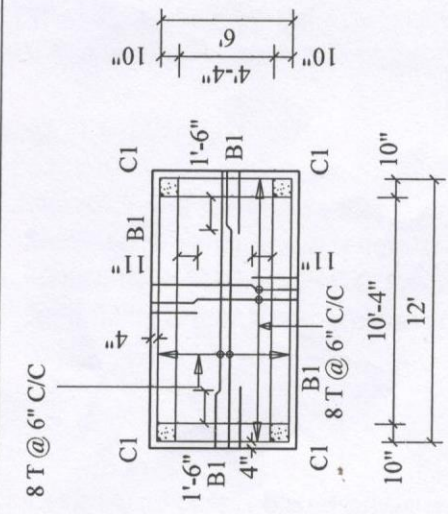
NOTES:-

- 1. ALL DIMENSIONS SHALL BE COMPARED WITH ARCHITECTURAL DRAWINGS AND DISCREPANCY IF ANY SHALL BE GOT RECONCILED BEFORE EXECUTION AT SITE.
- 2. FIGURED DIMENSION SHALL ONLY BE FOLLOWED.
- 3. ALL DIMENSIONS ARE IN FEET - INCHES UNLESS OTHERWISE SPECIFIED.
- 4. MIX. OF CONCRETE SHALL BE M-20.
- 5. LEAR COVER TO MAIN REINF. FOR R.C.C. MEMBERS SHALL BE AS UNDER:
- 6. COLUMNS - 40 MM. BEAMS - 25MM, SLABS- 20MM.

- 6. ALL REINFORCEMENT SHALL BE OF TMS 45 SD.
- 7. FOR DIMENSIONS REF. ARCHITECTURAL DRAWING ONLY.
- 8. I.D.- 50 BAR DIA (FOR TENSION), 25 BAR DIA (FOR COMPRESSION)
- 9. R.C.C. SLAB WILL BE 4" THICK.
- 10. SHUTTERING WILL BE REMOVED AFTER 14 DAYS.

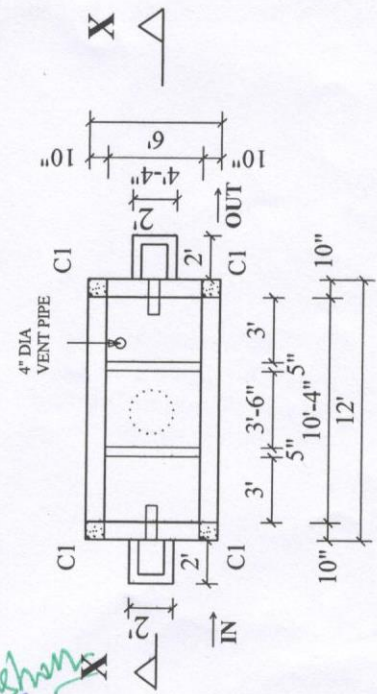


SECTION 'X-X'

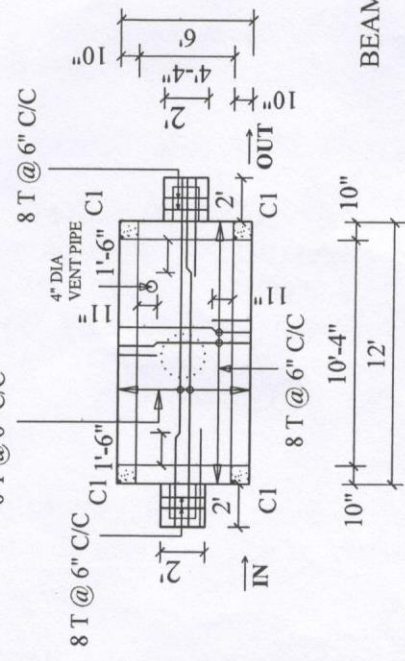


SLAB DETAILS (BOTTOM)
SEPTIC TANK

4" THK. SLAB

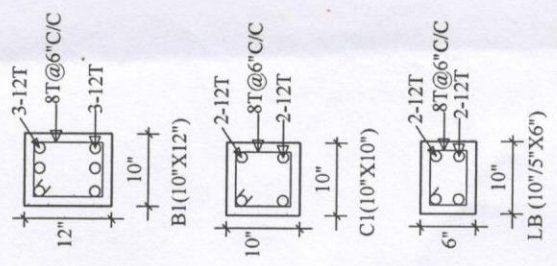


PLAN (12'-0" X 6'-0" X 11'-7")



SLAB DETAILS (TOP)
SEPTIC TANK

4" THK. SLAB



BEAM & COLUMN DETAILS