

॥ ओ३म ॥
दयानन्द ँग्लो-वैदिक कॉलेज
प्रबन्धकर्तृ समिति, नई दिल्ली द्वारा
संचालित शिक्षा संस्था



DAV PUBLIC SCHOOL
Distt. :Latehar(Jharkhand)
PIN-829206
School Code- JH-076

Co-educational, English Medium, Public school, to be Affiliated to CBSE, New Delhi.

DELHI: DAV College Managing Committee, Chitragupta Road, New Delhi. Tel.:011-23503500

CHAIBASA: Assit. Regional Officer, DAV Public Schools, JH-Zone-A- Chaibasa

Ref: DAV/LTH/2026-27/338

Date: - 25/09/2026

TENDER NOTICE

DAV Public School, Latehar is inviting intactly **sealed Tenders** from Govt. registered contractors for the construction of **school building at Pochra, Latehar, Jharkhand.**

SI No	Particulars	Details
1.	Date of tender Notification	25/09/2026
2.	Last date of receipt of Tenders	05/10/2026
3.	Nature of work	Construction of G+2 building with a covered area of 24524 Sq.ft.
4.	Period of Completion	2- Calender Years i.e. 24 Months
5.	Name and Address of Office inviting Tenders	DAV Public School, Latehar, Near Shiv Mandir, Bazar Tand, Latehar, Jharkhand-829206
6.	Contact no	8789620929(P), 7979800668 (0), 9263348949 (0)
7	Terms and Conditions:	
7.1	Each Contractor should quote the rate per sq.ft. including G.S.T.	
7.2	Each Contractor shall be liable to complete Civil, Electrical, Plumbing and all finishing work.	
7.3	Each Contractor will quote the rate, item wise BOQ as per enclosed details.	
7.4	Each Contractor shall deposit 2% of total cost of construction as Earnest Money in the form of Bank Draft in favour of DAV Public School, Latehar Main A/c , A/c No: 50100705043250 , IFSC Code: HDFC0008962	
7.5	All Construction Material shall conform to relevant ISI code and approved Architectural drawings, BOQ and specification.	
7.6	The Contractor shall submit all statutory approvals like labour license, Safety compliance and insurance of the labours as per the Gov. norms.	
7.7	The Structural work shall be executed strictly as per the approved Architectural drawings, BOQ and specification.	
7.8	The payment of running bills will be processed only after verification and certification of the Architect.	
7.9	The Contractor is legally bound to follow all applicable local authority norms i.e. Fire Safety regulation and Building by-laws.	
7.10	The contractor shall ensure adequate safety measures i.e. barricading and protection arrangements at the site during construction period.	
7.11	Any deviation on extra item shall not be executed without prior written approval of the competent authority.	
7.12	The Contractor shall ensure that the school building must be Earthquake resistant with a provision of rain water harvesting.	

(Signature)
Headmaster
HEADMASTER
DAV PUBLIC SCHOOL
LATEHAR (JHARKHAND)

DAV PUBLIC SCHOOL, LATEHAR

DETAILS OF BOQ

AREA STATEMENT:

GROUND FLOOR BUILT-UP AREA = 7463 SQ. FT.

FIRST FLOOR BUILT-UP AREA = 7992 SQ. FT.

SECOND FLOOR BUILT-UP AREA = 9069 SQ. FT.

TOTAL BUILT-UP AREA = 24,524 SQ. FT.

ESTIMATE FOR CONSTRUCTION OF NEW SCHOOL BUILDING, DAV, LATEHAR.

ABSTRACT OF COST

SI No	IT.NO.	ITEM OF WORK	UNIT	QUANTITY	RATE	AMOUNT AS PER		
						JSR 2022	DSR 2023	NON SCHDLE.
	JSR/ DSR							
		CIVIL WORKS :-						
1	5.1.1	Earthwork in excavation in foundation trenches in ordinary soil (vide classification of soil item-A) and disposal of excavated earth as obtained to a distance upto 50 M. including all lifts, levelling, ramming the foundation trenches, removing roots of trees, shrubs all complete as per approved design, building specification and direction of E/I.	CUM	737.05				
2	5.1.7	Filling in foundation trenches and plinth in layers not exceeding 150mm thick well watered, rammed, fully compacted and fine dressed with earth obtained from excavation of foundation trenches within a lead of 50M and lift of 1.5M all complete as per building specification and direction of E/I. (mode of measurement compacted volume)	CUM	491.36				
3	5.1.10.	Providing coarse clean sand in filling in foundation trenches or in plinth including ramming and watering in layers not exceeding 150mm thick with all leads and lifts including cost of all materials, labour, royalty and taxes all complete as per building specification and direction of E/I (Mode of measurement compacted volume).	CUM	85.83				
4	5.6.1	Providing designation 75 A one brick flat soling joints filled with local sand including cost of watering taxes royalty all complete as per building specification and direction of E/I.	SQM	1144.37				
5	5.3.1	Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering - All work upto plinth level						
	5.3.1.4	1:3:6 (1 Cement : 3 coarse sand (zone-III) : 6 graded stone aggregate 20 mm nominal size)	CUM	34.870				
6	5.3.9	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level.						
	5.3.9.1	1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) : 3 graded stone aggregate 20 mm nominal size)	CUM	265.042				

7	5.3.10	Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. above plinth level up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement : 1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) : 3 graded stone aggregate 20 mm nominal size)	cum	76.348				
8	5.3.11	Reinforced cement concrete work in beams, suspended floor, roofs having slope up to 15" landing, balconies, shelve, chajjas, lintels, bands, plan window sills, staircases and spiral stair case above plinth level up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement : 1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) : 3 graded stone aggregate 20 mm nominal size)	CUM	417.82				
9	5.3.17	Centering and shuttering including strutting, propping etc. and removal of form for :						
	5.3.17.1	Foundations, footings, bases of columns etc. for mass concrete.	Sqm	219.89				
Sl No	IT.NO.	ITEM OF WORK	UNIT	QUANTITY	RATE	AMOUNT AS PER		
	5.3.17.6	Columns, Pillars, Piers, Abutments, Posts and Struts	Sqm	990.96				
	5.3.17.21	Lintels, beams, plinth beams, girders, bressumers and cantilevers with water proof ply 12 mm thick	Sqm	1188.18				
	5.3.17.20	Suspended floors, roofs, landings, balconies and access platform with water proofply 12 mm thick.	Sqm	2100.97				
	5.3.17.7	Stairs, (excluding landings) except spiral-staircases	Sqm	241.05				
10	5.5.4	Providing tor steel reinforcement of 8mm. dia. rods as per approved design and drawing excluding carriage of M.S. bars to work site , cutting, bending and binding with annealed wire with cost of wire, removal of rust placing the rods in position all complete as per building specification and direction of E/I. Taking 8mm TMT FE 500 (only valid for SAIL & TATA STEEL)	M.T	22.00				
11	5.5.5	Providing Tor steel reinforcement of 10mm, 12mm & 16mm mm dia. bars as per approved design and drawing excluding carriage of M.S. bars to work site , cutting, bending and binding with annealed wire with cost of wire, removal of rust placing the rods in position all complete as per building specification and direction of E/I.						
12	5.5.5 (a)	10mm TMT FE 500 (only valid for SAIL & TATA Steel)	M.T	22.00				
13	5.5.5 (b)	12mm TMT FE 500 (only valid for SAIL & TATA Steel)	M.T	11.00				
14	5.5.5 (c)	(c) 16mm (TMT coil Fe 500) (only valid for Tata (Tiscon), SAIL, JSPL,Electrosteel Steels Ltd. Bokaro and Vizag (RINL))	M.T	27.50				
15	5.5.6	providing Tor steel reinforcement of 20mm,25mm, 28mm & 32mm. dia bars as per approved design and drawing exclusive carriage of M.S. bars to work site, cutting, bending and binding with annealed wire with cost of the wire, removal of rust, placing the rods in position all complete as per building specification and direction of E/I.						
		20/25mm TMT bar Fe 500 (only valid for Tata (Tiscon), SAIL, JSPL,Electrosteel Steels Ltd. Bokaro and Vizag (RINL))	M.T	27.50				
16	5.3.5	Providing and laying damp-proof course 50mm thick with cement concrete 1:2:4 (1 cement : 2 coarse sand (zone-III) : 4 graded stone aggregate 12.5mm nominal size)	Sqm	107.01				
17	DSR 2.35.3	Treatment of soil under existing floors using chemical emulsion @ one litre per hole, 300 mm apart including drilling 12 mm diameter holes and plugging with cement mortar 1 :2 (1 cement : 2 Coarse sand) to match the existing floor :						

	DSR 2.35.3.1	With Chlorpyriphos/Lindane E.C. 20% with 1% concentration.	Sqm	850.13				
18	DSR 2.34	Supplying chemical emulsion in sealed containers including delivery as specified.						
	DSR 2.34.1	Chlorpyriphos/ Lindane emulsifiable concentrate of 20%	Ltr	437.70				
19	5.3.8	Making plinth protection 50mm thick of cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size) over 75mm thick bed of dry brick ballast 40 mm nominal size, well rammed and consolidated and grouted with fine sand, including necessary excavation, levelling & dressing & finishing the top smooth.	Sqm	92.21				
20	5.2.3	Providing designation 75 A brick work in C.M.(1:6) in foundation & Plinth with approved quality of clean coarse sand of F.M. 2 to 2.5 including providing 10 mm thick mortar joints cost of screening materials, scaffolding, raking out joints to 15mm depth curing, taxes and royalty all complete as per building specification and direction of E/I.	CUM	34.75				
Sl No	IT.NO.	ITEM OF WORK	UNIT	QUANTITY	RATE	AMOUNT AS PER		
21	5.2.11	Providing designation 75 A brick work in C.M.(1:6) in superstructure with approved quality of clean coarse sand of F.M. 2 to 2.5 including providing 10 mm thick mortar joints cost of screening materials, scaffolding, raking out joints to 15mm depth curing, taxes and royalty all complete as per building specification and direction of E/I.	CUM	602.93				
22	5.2.23	Providing designation 125 mm thick reinforced designation 75A brick work in CM (1:4) in superstructure with approved quality of clean coarse sand of F.M. 2 to 2.5 including the cost of screening, carriage of materials, scaffolding, raking out joints to 15mm depth, curing, taxes and royalty (but excluding the cost of reinforcement) all complete as per building specification and direction of E/I.	per M2	227.80				
23	5.7.3	Providing 12mm cement plaster (1:6) with clean coarse sand of F.M. 1.5 including screening, curing with all leads and lifts of water, scaffolding taxes and royalty all complete as per building specification and direction of E/I.	SQM	4529.92				
24	5.7.6	Providing 6mm thick cement plaster (1:4) in ceiling with clean coarse sand of F.M. 1.5 including screening, curing with all leads and lifts of water, scaffolding taxes and royalty all complete as per building specification and direction of E/I.	SQM	2167.78				
25	5.7.14	Providing 12mm thick water proof cement plaster (1:3) with clean coarse sand of F.M. 1.5 with 5% cico or any other approved water proofing compound including taxes and royalty all complete as per building specification and direction of E/I.	SQM	2547.89				
26	DSR 10.14	Providing and fixing pressed steel door frames conforming to IS: 4351, manufactured from commercial mild steel sheet of 1.60 mm thickness, including hinges, jamb, lock jamb, bead and if required angle threshold of mild steel angle of section 50x25 mm, or base ties of 1.60 mm, pressed mild steel welded or rigidly fixed together by mechanical means, including M.S. pressed butt hinges 2.5 mm thick with mortar guards, lock strike-plate and shock absorbers as specified and applying a coat of approved steel primer after pre-treatment of the surface as directed by Engineer-in-charge:						

	DSR 10.14.1	Profile B						
	DSR 10.14.1.1	Fixing with adjustable lugs with split end tail to each jamb	Rmt	325.67				
27	5.4.38	Supplying, fitting and fixing 35mm thick solid core type non-decorative single leaf flush door shutter in door and windows with black board core blended with high quality phenol formaldehydes synthetic resin both side commercial veneered of standard make with oxidised iron fittings such as hinges, towerbolts, handle, cleat and sand blocks and taxes all complete as per building specification and direction of E/I.	Sqm	142.15				
28	5.4.39	Supplying, fitting and fixing 35mm thick solid core type non-decorative double leaf flush shutter in door and windows with black board core blended with high quality phenol formaldehydes synthetic resin both side commercial veneered of standard make with oxidised iron fittings such as hinges, towerbolts, handle, cleat and sand blocks and taxes all complete as per building specification and direction of E/I.	Sqm	11.90				
Sl No	IT.NO.	ITEM OF WORK	UNIT	QUANTITY	RATE	AMOUNT AS PER		
29	D.S.R 26.86	Providing and fixing factory made single extruded WPC (Wood Polymer Composite) solid door/window/Ceostory windows & other Frames/Chowkhat comprising of virgin PVC polymer of K value 58-60 (Suspension Grade), calcium carbonate and natural fibers (wood powder/ rice husk/wheat husk) and non toxic additives (maximum toxicity index of 12 for 100 gms) fabricated with miter joints after applying PVC solvent cement and screwed with full body threaded Code Description Unit Rate No. 542 SUB HEAD : 26.0 NEW TECHNOLOGIES AND MATERIALS star headed SS screws having minimum frame density of 750 kg/ cum, screw withdrawal strength of 2200 N (Face) & 1100 N (Edge), minimum compressive strength of 58 N/mm2, modulus of elasticity 900 N/mm2 and resistance to spread of flame of Class A category with property of being termite/borer proof, water/moisture proof and fire retardant and fixed in position with M.S hold fast/lugs/SS dash fasteners of required dia and length complete as per direction of Engineer-In- Charge. (M.S hold fast/lugs or SS dash fasteners shall be paid for separately).						
	D.S.R 26.86.4	Frame size 50 x 125 mm	Rmt	69.30				

30	D.S.R 26.88	Providing and fixing factory made single extruded WPC (Wood Polymer Composite) solid decorative type flush door shutter of required size comprising of virgin polymer of K value 58-60 (Suspension Grade), calcium carbonate and natural fibers (wood powder/ rice husk/wheat husk) and non toxic additives (maximum toxicity index of 12 for 100 gms) having minimum density of 650 kg/ cum and screw withdrawal strength of 1800 N (Face) & 900 N (Edge), minimum compressive strength 50 N/mm2, modulus of elasticity 850 N/mm2 and resistance to spread of flame of Class A category with property of being termite/borer proof, water/moisture proof and fire retardant. WPC to be laminated with PVC foil of minimum 14 microns thick of approved design pasted with hot melt adhesive on both faces of shutter and fixing with stainless steel butt hinges of required size with necessary full body threaded star headed counter sunk S.S screws, all as per direction of Engineer-In- Charge. (Note: stainless steel butt hinges and necessary S.S screws shall be paid separately)					
	D.S.R 26.88.1	30 mm thick	Sqm	22.05			
31	DSR 9.147A4	Three track three panels sliding window with two glazed & one wire mesh panels with Aluminium channel for roller track, wool pile, nylon rollers with SS 304 body.					
32	DSR 9.147A4.2	Using R3 series with frame (98mm & above) x (40 mm & above) & both glazed and fly screen sash (30 mm and above) x 55 mm and above) with Zinc alloy (Zamak) powder coated handle on every glazed panel along with multi-point locking system. (Height upto 1.8. M)	Sqm	176.67			
33	DSR 21.3	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge . (Cost of aluminium snap beading shall be paid in basic item):					
34	DSR 21.3.2	With float glass panes of 5 mm thickness (weight not less than 12.50 kg/sqm)	Sqm	176.67			
SI No	IT.NO.	ITEM OF WORK	UNIT	QUANTITY	RATE	AMOUNT AS PER	
35	DSR 13.80	Providing and applying white cement based putty of average thickness 1mm of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete	Sqm	4529.92			
36	5.8.21	Providing two coats of plastic emulsion paint of approved shade and make over a coat of cement primer over new surface including preparing plastered surface by rubbing smooth with pumice stone or fine sand paper, applying putty wherever required, scaffolding washing of floor and taxes all complete as per building specification and direction of E/I.	Sqm	6697.70			
37	DSR 13.47	Finishing walls with Premium Acrylic Smooth exterior paint with Silicone additives of required shade:					
	DSR 13.47.1	New work (Two or more coats applied @ 1.43 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm)	Sqm	2547.89			

38	DSR 22.24A	Providing & Applying high quality acrylic modified resin based texture of Dholpur/Red sand stone Pattern with anti algae and UV resistance properties to be applied as intermediate finish in desired pattern @ 43.04 kgs/10 sqm to form film of 1- 1.5 mm thickness after scrapping and properly cleaning the surface to remove loose particles from the plaster surface, followed by top coating with Premium Acrylic Smooth exterior paint with Silicone additives of required shade by two or more coats @ 1.43 litres/10 sqm, complete as the direction of Engineer -in-Charge.	SQM	2547.89				
39	5.8.45	Providing two coats of synthetic enamel paint of approved shade and make over steel surface including cleaning the surface thoroughly, scaffolding and taxes all complete as per building specification and direciton of E/I.	SQM	251.69				
40	DSR 11.41A	Providing and laying Vitrified tiles in floor in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS:15622, of approved brand & manufacturer, in all colours and shade, laid on 20 mm 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.						
	DSR 11.41A.2	Glazed vitrified floor tiles polished finish of size						
	DSR 11.41A	Size of Tile 600 x 1200 mm	SQM	2217.10				
41	DSR 11.41	PrProviding and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, 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., complete.						
	DSR 11.41.2	Size of Tile 600x600 mm	Sqm	140.32				
SI No	IT.NO.	ITEM OF WORK	UNIT	QUANTITY	RATE	AMOUNT AS PER		
42	DSR 8.2.2.2	Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels Granite stone slab colour black, Cherry/Ruby red Area of slab over 0.50 sqm	Sqm	241.19				
43	DSR 10.5	Providing and fixing 1mm thick M.S. sheet door with frame of 40x40x6 mm angle iron and 3 mm M.S. gusset plates at the junctions and corners, all necessary fittings complete, including applying a priming coat of approved steel primer.						
	DSR 10.5.1	Using M.S. angels 40x40x6 mm for diagonal braces	Sqm	5.14				

44	5.5.30	Supplying, fitting and fixing M.S. grill gate with M.S. grill made of 20X6mm M.S. flats or 16mm M.S. square bars fitted on 25X25X6mm M.S. Angle frame of size 60X60X6mm. Including cost of fabrication, providing necessary locking arrangement with haskal and domny duly fixed in P.C.C. (1:2:4) blocks of required size applying a priming red lead paint over steel work, taxes all complete as per drawing specification and direction of E/I.	Per Kg.	3081.31				
45	DSR 10.28	Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners , stainless steel bolts etc., of required size, on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-incharge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.).	Kg	540.00				
46	DSR 22.5	Providing and laying water proofing treatment in sunken portion of WCs, bathroom etc., by applying cement slurry mixed with water proofing cement compound consisting of applying : (a) First layer of slurry of cement @ 0.488 kg/sqm mixed with water proofing cement compound @ 0.253 kg/ sqm. This layer will be allowed to air cure for 4 hours. (b) Second layer of slurry of cement @ 0.242 kg/sqm mixed with water proofing cement compound @ 0.126 kg/sqm. This layer will be allowed to air cure for 4 hours followed with water curing for 48 hours.						
		The rate includes preparation of surface, treatment and sealing of all joints, corners, junctions of pipes and masonry with polymer mixed slurry.	Sqm	178.24				
47	DSR 22.7	Providing and laying integral cement based water proofing treatment including preparation of surface as required for treatment of roofs, balconies, terraces etc consisting of following operations: (a) Applying a slurry coat of neat cement using 2.75 kg/sqm of cement admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge over the RCC slab including adjoining walls upto 300 mm height including cleaning the surface before treatment.						
SI No	IT.NO.	ITEM OF WORK	UNIT	QUANTITY	RATE	AMOUNT AS PER		
		(b) Laying brick bats with mortar using broken bricks/brick bats 25 mm to 115 mm size with 50% of cement mortar 1:5 (1 cement : 5 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineerin-charge over 20 mm thick layer of cement mortar of mix 1:5 (1 cement :5 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineerin-charge to required slope and treating similarly the adjoining walls upto 300 mm height including rounding of junctions of walls and slabs.						
		(c) After two days of proper curing applying a second coat of cement slurry using 2.75 kg/ sqm of cement admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge.						

		(d) Finishing the surface with 20 mm thick jointless cement mortar of mix 1:4 (1 cement :4 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge including laying glass fibre cloth of approved quality in top layer of plaster and finally finishing the surface with trowel with neat cement slurry and making pattern of 300x300 mm square 3 mm deep.						
		(e) The whole terrace so finished shall be flooded with water for a minimum period of two weeks for curing and for final test."All above operations to be done in order and as directed and specified by the Engineer-in-Charge :						
	DSR 22.7.1	With average thickness of 120 mm and minimum thickness at khurra as 65 mm.	Sqm	829.57				
48		CARRIAGE OF MATERIALS (including C.P. 10%)						
		Bricks (1K+ 7P = 8 KM.)	1000 nos	295.82				
		Coarse Sand (10 KM.)	CUM	773.32				
		Stone Chips (22 KM.)	CUM	693.29				
		Stone Metal (22 KM.)	CUM	0.00				

ESTIMATE FOR CONSTRUCTION OF NEW SCHOOL BUILDING, DAV, LATEHAR.

DETAIL CALCULATION

It. No.	Item of work	Unit	Nos.	Length	Width	Ht.depth	Volume	Sub total	Quanttiy	
1	Earthwork in excavation in foundation trenches in ordinary soil									
	Footing F1	Cum	52	2.59	2.13	2.29	657.60			
	Footing F2	Cum	2	2.29	2.29	2.29	23.91			
	Footing F3	Cum	1	1.37	1.37	2.29	4.30			
	Tie Beam		4	23.53	0.50	0.50	23.53			
			13	5.29	0.50	0.35	12.03			
			6	3.84	0.50	0.50	5.75			
			2	1.52	0.50	0.50	0.76			
			2	4.67	0.50	0.50	2.34			
			1	3.84	0.50	0.50	0.96			
			1	6.10	0.50	0.50	1.52			
			1	1.52	0.50	0.50	0.38			
			2	5.05	0.50	0.50	2.53			
			1	8.18	0.50	0.35	1.43			
	Total Quantity							737.05	737.05	Cum
2	Filling in foundation trenches and plinth with earth obtained from excavation of foundation trenches									
	Total Excavation Qty	Cum	2/3 of Total excavated Earth				491.36			
	Total Quantity							491.36	491.36	Cum
3	Providing Course Clean Sand Filling									
	Footing F1	Cum	52	2.50	2.50	0.075	24.38			
	Footing F2	Cum	2	2.80	2.80	0.075	1.18			
	Footing F3	Cum	1	3.20	3.20	0.075	0.77			
	Tie Beam		4	23.53	0.50	0.075	3.53			
			13	5.29	0.50	0.075	2.58			
			6	3.84	0.50	0.075	0.86			
			2	1.52	0.50	0.075	0.11			
			2	4.67	0.50	0.075	0.35			
			1	3.84	0.50	0.075	0.14			
			1	6.10	0.50	0.075	0.23			
			1	1.52	0.50	0.075	0.06			
			2	5.05	0.50	0.075	0.38			
			1	8.18	0.50	0.075	0.31			
	Flooring		1	46.06	14.75	0.075	50.96			
	Total Quantity							85.83	85.83	Cum
4	Providing designation 75 A one brick flat soling									
	Footing F1	Cum	52	2.50	2.50		325.00			
	Footing F2		2	2.80	2.80		15.68			
	Footing F3		1	3.20	3.20		10.24			
	Tie Beam		4	23.53	0.50		47.05			
			13	5.29	0.50		34.38			
			6	3.84	0.50		11.51			
			2	1.52	0.50		1.52			
			2	4.67	0.50		4.67			
			1	3.84	0.50		1.92			
			1	6.10	0.50		3.05			
			1	1.52	0.50		0.76			

			2	5.05	0.50		5.05			
			1	8.18	0.50		4.09			
	Flooring		1	46.06	14.75		679.44			
	Total Quantity							1144.37	1144.37	Sqm
5	PCC (1:3:6)									
	Footing F1	Cum	52	2.50	2.50	0.075	24.38			
	Footing F2		2	2.80	2.80	0.075	1.18			
	Footing F3		1	3.20	3.20	0.075	0.77			
	Tie Beam		4	23.53	0.50	0.075	3.53			
			13	5.29	0.50	0.075	2.58			
			6	3.84	0.50	0.075	0.86			
			2	1.52	0.50	0.075	0.11			
			2	4.67	0.50	0.075	0.35			
			1	3.84	0.50	0.075	0.14			
			1	6.10	0.50	0.075	0.23			
			1	1.52	0.50	0.075	0.06			
			2	5.05	0.50	0.075	0.38			
			1	8.18	0.50	0.075	0.31			
	Total Quantity							34.87	34.87	Cum
6	RCC upto Plinth									
	Footing F1	Cum	52	2.44	1.98	0.46	114.94			
	Footing F2		2	2.13	2.13	0.45	4.10			
	Footing F3		1	1.22	1.22	0.40	0.59			
								119.64		
	Pedesatal	Cum	52	0.81	0.56	0.60	14.12			
			2	0.51	0.51	0.60	0.31			
			1	0.46	0.46	0.60	0.13			
								14.55		
	Column (C1)		52	0.50	0.25		1.09	7.15		
	C2		2	3.14	0.20	0.20	1.09	0.27		
	C3		1	0.30	0.50		1.09	0.16		
								7.59		
	Plinth Beam									
	PB1		26	4.01	0.25	0.450		11.74		
			2	5.05	0.25	0.450		1.14		
	PB2		4	46.09	0.25	0.300		13.83		
			7	3.84	0.50	0.300		4.03		
			2	3.40	0.50	0.300		1.02		
			13	2.44	0.50	0.300		4.76		
			1	6.10	0.50	0.300		0.91		
	PB3		3	1.52	0.50	0.300		0.69		
			2	0.76	0.50	0.300		0.23		
								38.34		
	Grade Slab		1	46.06	14.75	0.125		84.93		
								84.93		
	Total Quantity							<u>265.04</u>	265.04	Cum
7	RCC Column									
	Ground Floor									
	Column									
	C1		52	0.50	0.25		3.50	23.03		
	C2		2	3.14	0.20	0.20	3.50	0.88		
	C3		1	0.30	0.50		3.50	0.53		
	First Floor									
	Column									

	C1		52	0.50	0.25		3.50	23.03			
	C2		2	3.14	0.20	0.20	3.50	0.88			
	C3		1	0.30	0.50		3.50	0.53			
	Second Floor										
	Column										
	C1		52	0.50	0.25		3.50	23.03			
	C2		2	3.14	0.20	0.20	3.50	0.88			
	C3		1	0.30	0.50		3.50	0.53			
	Terrace Floor :-										
	Column										
	C1		8	0.50	0.25		3.00	3.04			
	Total Quantity								76.35	76.35	Cum
8	RCC above Plinth										
	Ground Floor										
	Roof Beam										
	SB1	Cum	28	4.01	0.25	0.325		9.13			
			4	3.84	0.25	0.325		1.25			
	SB2		2	38.41	0.25	0.325		6.24			
			2	46.09	0.50	0.325		14.98			
									31.60		
	Roof Slab	Cum	1	49.34	15.75	0.125		97.14			
	Less Cutout		-1	7.93	6.10	0.125		-6.04			
	Less Stair Area		-2	6.10	3.84	0.125		-5.85			
	Lintel :-								85.25		
	Above Window W1 Opening	Cum	15	2.25	0.25	0.10		0.84			
	Above Window W2 Opening	Cum	1	2.70	0.25	0.10		0.07			
	Above Window W3 Opening	Cum	1	1.82	0.25	0.10		0.05			
	Above Window W4 Opening	Cum	2	2.84	0.25	0.10		0.14			
	Above Window W5 Opening		4	4.24	0.25			0.00			
	Above Ventilator V1 Opening	Cum	1	1.16	0.25	0.10		0.03			
	Above Door.D1	Cum	15	1.60	0.25	0.10		0.60			
	Above Door.D2	Cum	2	2.85	0.25	0.10		0.14			
	Above Door.D3	Cum	3	1.30	0.25	0.10		0.10			
	Chajja:-								1.97		
	Above Window W1 Opening	Cum	15	2.25	0.45	0.10		1.52			
	Above Window W2 Opening	Cum	1	2.70	0.45	0.10		0.12			
	Above Window W3 Opening	Cum	1	1.82	0.45	0.10		0.08			
	Above Window W4 Opening	Cum	2	2.84	0.45	0.10		0.26			
	Above Window W5 Opening		4	4.24	0.45	0.10		0.76			
	Above Ventilator V1 Opening	Cum	1	1.16	0.45	0.10		0.05			
	Above Door.D2	Cum	2	2.85	0.45	0.10		0.26			
									3.05		
	Stair Case-1										
	Waist Slab	Cum	2	3.67	1.83	0.15		2.01			
	Landing		1	3.84	1.73	0.15		0.99			
	Steps		22	1.83	0.30	0.15	0.50	0.91			
	Stair Case-2										
	Waist Slab	Cum	2	3.67	1.83	0.15		2.01			
	Landing		1	3.84	1.73	0.15		0.99			
	Steps		22	1.83	0.30	0.15	0.50	0.91			
	Counter :-								7.83		
	Basin	Cum	2	2.69	0.45	0.10		0.24			
									0.24		
	First Floor										
	Roof Beam										
	SB0	Cum	1	7.93	0.25	0.425		0.84			

	SB1	Cum	28	4.01	0.25	0.325		9.13		
			4	3.84	0.25	0.325		1.25		
			3	5.03	0.25	0.325		1.23		
	SB2		2	38.41	0.25	0.325		6.24		
			2	46.09	0.50	0.325		14.98		
								33.67		
	Roof Slab	Cum	1	49.34	15.75	0.125		97.14		
			1	9.04	5.89	0.125		6.66		
	Less Cutout		-1	7.93	6.10	0.125		-6.04		
	Less Stair Area		-2	6.10	3.84	0.125		-5.85		
	Lintel :-							91.91		
	Above Window W1 Opening	Cum	18	2.25	0.25	0.10		1.01		
	Above Window W2 Opening	Cum	1	2.70	0.25	0.10		0.07		
	Above Window W3 Opening	Cum	1	1.82	0.25	0.10		0.05		
	Above Window W4 Opening	Cum	2	2.84	0.25	0.10		0.14		
	Above Window W5 Opening		4	4.24	0.25			0.00		
	Above Door.D1	Cum	14	1.60	0.25	0.10		0.56		
	Above Door.D2	Cum	2	2.85	0.25	0.10		0.14		
	Above Door.D3	Cum	3	1.30	0.25	0.10		0.10		
	Chajja:-							2.07		
	Above Window W1 Opening	Cum	15	2.25	0.45	0.10		1.52		
	Above Window W2 Opening	Cum	1	2.70	0.45	0.10		0.12		
	Above Window W3 Opening	Cum	1	1.82	0.45	0.10		0.08		
	Above Window W4 Opening	Cum	2	2.84	0.45	0.10		0.26		
	Above Window W5 Opening		4	4.24	0.45	0.10		0.76		
	Above Door.D2	Cum	2	2.85	0.45	0.10		0.26		
								3.00		
	Stair Case-1									
	Waist Slab	Cum	2	3.67	1.83	0.15		2.01		
	Landing		1	3.84	1.73	0.15		0.99		
	Steps		22	1.83	0.30	0.15	0.50	0.91		
	Stair Case-2									
	Waist Slab	Cum	2	3.67	1.83	0.15		2.01		
	Landing		1	3.84	1.73	0.15		0.99		
	Steps		22	1.83	0.30	0.15	0.50	0.91		
	Counter :-							7.83		
	Basin	Cum	2	2.69	0.45	0.10		0.24		
	Second Floor							0.24		
	Roof Beam									
	SB0	Cum	1	7.93	0.25	0.425		0.84		
	SB1	Cum	28	4.01	0.25	0.325		9.13		
			4	3.84	0.25	0.325		1.25		
			3	5.03	0.25	0.325		1.23		
	SB2		2	38.41	0.25	0.325		6.24		
			2	46.09	0.50	0.325		14.98		
								33.67		
	Roof Slab	Cum	1	49.34	15.75	0.125		97.14		
			1	9.04	5.89	0.125		6.66		
	Less Cutout		-1	7.93	6.10	0.125		-6.04		
	Less Stair Area		-2	6.10	3.84	0.125		-5.85		
	Lintel :-							91.91		
	Above Window W1 Opening	Cum	18	2.25	0.25	0.10		1.01		
	Above Window W2 Opening	Cum	1	2.70	0.25	0.10		0.07		
	Above Window W3 Opening	Cum	1	1.82	0.25	0.10		0.05		
	Above Window W4 Opening	Cum	2	2.84	0.25	0.10		0.14		
	Above Window W5 Opening		4	4.24	0.25			0.00		
	Above Door.D1	Cum	18	1.60	0.25	0.10		0.72		

	Above Door.D2	Cum	2	2.85	0.25	0.10		0.14			
	Above Door.D3	Cum	3	1.30	0.25	0.10		0.10			
	Chajja:-								2.23		
	Above Window W1 Opening	Cum	15	2.25	0.45	0.10		1.52			
	Above Window W2 Opening	Cum	1	2.70	0.45	0.10		0.12			
	Above Window W3 Opening	Cum	1	1.82	0.45	0.10		0.08			
	Above Window W4 Opening	Cum	2	2.84	0.45	0.10		0.26			
	Above Window W5 Opening		4	4.24	0.45	0.10		0.76			
	Above Door.D2	Cum	2	2.85	0.45	0.10		0.26			
									3.00		
	Stair Case-1										
	Waist Slab	Cum	2	3.67	1.83	0.15		2.01			
	Landing		1	3.84	1.73	0.15		0.99			
	Steps		22	1.83	0.30	0.15	0.50	0.91			
	Stair Case-2										
	Waist Slab	Cum	2	3.67	1.83	0.15		2.01			
	Landing		1	3.84	1.73	0.15		0.99			
	Steps		22	1.83	0.30	0.15	0.50	0.91			
	Counter :-								7.83		
	Basin	Cum	2	2.69	0.45	0.10		0.24			
	Terrace Floor :-								0.24		
	Mumty Room										
	Roof Beam	Cum	4	8.543	0.250	0.325		2.78			
			4	3.84	0.25	0.325		1.25			
									4.02		
	Roof Slab	Cum	1	9.81	4.85	0.125		5.95			
									5.95		
	Lintel :-										
	Above Window W3 Opening	Cum	1	1.92	0.25	0.10		0.05			
		Cum	1	4.42	0.25	0.10		0.11			
	Above Door.D3	Cum	1	1.47	0.25	0.10		0.04			
	Chajja:-								0.20		
		Cum	1	1.92	0.45	0.10		0.09			
			1	4.42	0.45	0.10					
		Cum	1	1.47	0.45	0.10		0.07			
									0.15		
	Total Quantity								417.82	417.82	Cum
9	Providing tor steel reinforcement for all RCC work										
	Foundation		119.64	M3	80.000	Sqm./M3	:	9570.83			
	Plinth Beam		38.34	M4	170.000	Sqm./M3		6517.74			
	Grade Slab		84.93	M5	50.000	Sqm./M3		4246.53			
	Column		83.93	M3	250.000	Sqm./M3		20983.53			
	Pedestal		14.55	M3	150.000	Sqm./M3		2182.46			
	Roof Beam		102.96	M3	200.000	Sqm./M3	:	20591.46			
	Slab		275.01	M3	150.000	Sqm./M3	:	41251.33			
	Lintel		6.46	M3	80.000	Sqm./M3	:	516.64			
	Chajja		9.20	M2	60.000	Sqm./M2	:	551.83			
	Stair Case		23.48	M3	150.000	Sqm./M3		3521.36			
	Counter		0.73	M3	100.000	Sqm./M3		72.69			
	Total Quantity							110006.41	110006.41	110006.41	Sqm
					8mm dia	20%	:	22001.28		22.00	MT
					10mm dia	20%	:	22001.28		22.00	MT
					12mm dia	10%	:	11000.64		11.00	MT

					16mm dia	25%		27501.60		27.50	MT
					20mm dia	25%		27501.60		27.50	MT
10	Shuttering in Foundations, footings,										
	Footing F1	Cum	52	2.44	1.98	0.46		210.25			
	Footing F2		2	2.13	2.13	0.45		7.68			
	Footing F3		1	1.22	1.22	0.40		1.95			
	Total Quantity	Sqm							219.89	219.89	Sqm
11	Shuttering in Column										
	Column (Upto Plinth)										
	Pedestal		52	0.81	0.56	0.60		85.42			
			2	0.51	0.51	0.60		2.43			
			1	0.46	0.46	0.60		1.10			
	Column (Ground Floor)		52	0.50	0.25	3.50		274.11			
			2	3.14	0.41	3.50		8.91			
			1	0.30	0.50	3.50		5.60			
	Column (First Floor)		52	0.50	0.25	3.50		274.11			
			2	3.14	0.41	3.50		8.91			
			1	0.30	0.50	3.50		5.60			
	Column (Second Floor)		52	0.50	0.25	3.50		274.11			
			2	3.14	0.41	3.50		8.91			
			1	0.30	0.50	3.50		5.60			
	Column (Terrace Floor)		8	0.50	0.25	3.00		36.15			
	Total Quantity								990.96	990.96	Sqm
12	Shuttering in Lintels, beams, plinth beams,										
	Ground Floor										
	Plinth Beam (PB1)	Sqm	26	4.01	0.250	0.450		120.03			
			2	5.05	0.250	0.450		1.14			
	PB2		4	46.09	0.250	0.300		13.83			
			7	3.84	0.500	0.300		4.03			
			2	3.40	0.500	0.300		1.02			
			13	2.44	0.500	0.300		4.76			
			1	6.10	0.500	0.300		0.91			
	PB3		3	1.52	0.500	0.300		0.69			
			2	0.76	0.500	0.300		0.23			
									146.63		
	Roof Beam										
	SB1	Sqm	28	4.01	0.250	0.325		101.16			
			4	3.84	0.250	0.325		1.25			
	SB2		2	38.41	0.250	0.325		6.24			
			2	46.09	0.500	0.325		14.98			
	Lintel :-								123.63		
	Above Window W1 Opening	Sqm	30	2.25	0.25	0.10		6.75			
	Above Window W2 Opening		2	2.70	0.25	0.10		0.54			
	Above Window W3 Opening		2	1.82	0.25	0.10		0.36			
	Above Window W4 Opening		4	2.84	0.25	0.10		1.14			
	Above Window W5 Opening		8	4.24	0.25			0.00			
	Above Ventilator V1 Opening		2	1.16	0.25	0.10		0.23			
	Above Door.D1		30	1.60	0.25	0.10		4.80			
	Above Door.D2		4	2.85	0.25	0.10		1.14			
	Above Door.D3		6	1.30	0.25	0.10		0.78			
									15.74		
	Chajja:-										
	Above Window W1 Opening	Sqm	15	2.25	1.00	0.10		33.75			
	Above Window W2 Opening		1	2.70	1.00	0.10		2.70			

	Above Window W3 Opening		1	1.82	1.00	0.10		1.82		
	Above Window W4 Opening		2	2.84	1.00	0.10		5.68		
	Above Window W5 Opening		4	4.24	1.00	0.10		16.96		
	Above Ventilator V1 Opening		1	1.16	1.00	0.10		1.16		
	Above Door.D2		2	2.85	1.00	0.10		5.70		
								67.77		
	First Floor									
	Roof Beam									
	SB0	Sqm	1	7.93	0.250	0.425		8.72		
	SB1		28	4.01	0.250	0.325		101.16		
			4	3.84	0.250	0.325		13.81		
			3	5.03	0.250	0.325		13.58		
	SB2		2	38.41	0.250	0.325		69.14		
			2	46.09	0.500	0.325		106.00		
	Lintel :-							188.72		
	Above Window W1 Opening	Sqm	36	2.25	0.25	0.10		8.10		
	Above Window W2 Opening		2	2.70	0.25	0.10		0.54		
	Above Window W3 Opening		2	1.82	0.25	0.10		0.36		
	Above Window W4 Opening		4	2.84	0.25	0.10		1.14		
	Above Window W5 Opening		8	4.24	0.25			0.00		
	Above Door.D1		30	1.60	0.25	0.10		4.80		
	Above Door.D3		6	1.30	0.25	0.10		0.78		
								15.72		
	Chajja:-									
	Above Window W1 Opening	Sqm	15	2.25	1.00	0.10		33.75		
	Above Window W2 Opening		1	2.70	1.00	0.10		2.70		
	Above Window W3 Opening		1	1.82	1.00	0.10		1.82		
	Above Window W4 Opening		2	2.84	1.00	0.10		5.68		
	Above Window W5 Opening		4	4.24	1.00	0.10		16.96		
								60.91		
	Second Floor									
	Roof Beam									
	SB0	Sqm	1	7.93	0.250	0.425		8.72		
	SB1		28	4.01	0.250	0.325		101.16		
			4	3.84	0.250	0.325		13.81		
			3	5.03	0.250	0.325		13.58		
	SB2		2	38.41	0.250	0.325		69.14		
			2	46.09	0.500	0.325		106.00		
	Lintel :-							202.53		
	Above Window W1 Opening	Sqm	36	2.25	0.25	0.10		8.10		
	Above Window W2 Opening		2	2.70	0.25	0.10		0.54		
	Above Window W3 Opening		2	1.82	0.25	0.10		0.36		
	Above Window W4 Opening		4	2.84	0.25	0.10		1.14		
	Above Window W5 Opening		8	4.24	0.25			0.00		
	Above Door.D1		36	1.60	0.25	0.10		5.76		
	Above Door.D3		6	1.30	0.25	0.10		0.78		
								16.68		
	Chajja:-									
	Above Window W1 Opening	Sqm	15	2.25	1.00	0.10		33.75		
	Above Window W2 Opening		1	2.70	1.00	0.10		2.70		
	Above Window W3 Opening		1	1.82	1.00	0.10		1.82		
	Above Window W4 Opening		2	2.84	1.00	0.10		5.68		
	Above Window W5 Opening		4	4.24	1.00	0.10		16.96		
								60.91		
	Terrace Floor :-									
	Mumty Room									

	Roof Beam	Sqm	4	8.543	0.250	0.325		30.75			
			4	3.835	0.250	0.325		13.81			
									44.56		
	Lintel :-										
	Above Window W3 Opening	Cum	2	2.32		0.10		0.46			
		Cum	2	4.82		0.10		0.96			
	Above Door.D3	Cum	2	1.87		0.10		0.37			
	Chajja:-								1.80		
		Cum	1	2.32		1.00		2.32			
			1	4.82		1.00		4.82			
		Cum	1	1.87		1.00		1.87			
									9.01		
	Total Quantity								1188.18	1188.18	Sqm
13	Shuttering in Suspended floors, roofs, landings,										
	Ground Floor Slab										
	Slab	Sqm	1	46.088	14.750			679.80			
	Less Double height Foyer Area		-1	4.677	5.098			-23.84			
	Less Stair Area		-2	2.848	2.835			-16.15			
	Counter :-										
	Basin	Sqm	2	2.69		0.45		2.42			
	Roof Slab	Cum	1	49.34	15.75	0.125		97.14			
			1	9.04	5.89	0.125		6.66			
	Less Cutout		-1	7.93	6.10	0.125		-6.04			
	Less Stair Area		-2	6.10	3.84	0.125		-5.85			
	First Floor Slab										
	Slab	Sqm	1	46.09	14.75			679.80			
			1	8.54	5.39			46.07			
	Less Stair Area		-1	7.43	6.10			-45.29			
			-1	6.10	3.84			-23.39			
	Counter :-										
	Basin	Sqm	2	2.69		0.45		2.42			
	Second Floor Slab										
	Slab	Sqm	1	46.09	14.75			679.80			
			1	8.54	5.39			46.07			
	Less Stair Area		-1	7.43	6.10			-45.29			
			-1	6.10	3.84			-23.39			
	Counter :-										
	Basin	Sqm	2	2.69		0.45		2.42			
	Terrace Floor :-										
	Mumty Room										
	Roof Slab	Sqm	1	9.81	4.85			47.57			
									2100.97	2100.97	Sqm
14	Shuttering in Stair Case										
	Ground Floor Slab										
	Stair Case-1								0.00		
	Waist Slab	Sqm	2	3.67	1.83			13.43			
	Landing		1	3.84	1.73			6.62			
	Steps		22	0.50	1.83	0.30		20.13			
	Stair Case-2								26.75		
	Waist Slab	Sqm	2	3.67	1.83			13.43			
	Landing		1	3.84	1.73			6.62			
	Steps		22	0.50	1.83	0.30		20.13			

	First Floor Slab									
	Stair Case-1							20.13		
	Waist Slab	Sqm	2	3.67	1.83		13.43			
	Landing		1	3.84	1.73		6.62			
	Steps		22	0.5	1.83	0.30	20.13			
	Stair Case-2							26.75		
	Waist Slab	Sqm	2	3.67	1.83		13.43			
	Landing		1	3.84	1.73		6.62			
	Steps		22	0.50	1.83	0.30	20.13			
	Second Floor Slab									
	Stair Case-1							0.00		
	Waist Slab	Sqm	2	3.67	1.83		13.43			
	Landing		1	3.84	1.73		6.62			
	Steps		22	0.5	1.83	0.30	20.13			
	Stair Case-2							26.75		
	Waist Slab	Sqm	2	3.67	1.83		13.43			
	Landing		1	3.84	1.73		6.62			
	Steps		22	0.50	1.83	0.30	20.13			
								241.05	241.05	Sqm
15	Providing 25mm thick Damp Proof Course									
	Long Wall		4	46.09	0.25		46.09			
	Short Wall	Sqm	26	4.01	0.25		26.09			
			2	5.05	0.25		2.53			
			7	3.84	0.50		13.42			
			2	3.40	0.50		3.40			
			13	2.44	0.50		15.85			
			1	6.10	0.50		3.05			
			3	1.52	0.50		2.29			
			2	0.76	0.50		0.76			
	Less Door Opening						0.00			
	Above Door.D1	Cum	-15	1.22	0.25		-4.57			
	Above Door.D2		-2	2.44	0.25		-1.22			
	Above Door.D3		-3	0.91	0.25		-0.69			
	Total Quantity							107.01	107.01	Sqm
16	Treatment of soil under existing floors using chemical emulsion									
	Ground Floor									
		Sqm	1	46.064	14.750		679.44			
								679.44		
								679.44		
	Wall :-							(A)		
	Ground Floor									
	Long Wall		6	46.09	0.30		82.96			
	Short Wall	Sqm	48	4.01	0.30		57.81			
			4	5.05	0.30		6.07			
			14	3.84	0.30		16.11			
			4	3.40	0.30		4.09			
			1	6.10	0.30		1.83			
			3	1.52	0.30		1.37			
			2	0.76	0.30		0.46			
								170.68		
								(B)		
	Total Quantity	Sqm		A+B				850.13	850.13	Sqm

17	Supplying chemical emulsion in sealed containers including delivery as specified.										
	Floor										
									679.44		
									679.44		
						11litre/Sqm		11.00	7473.89		
									373.69		
									A		
	Wall :-								170.68		
	Total Quantity	Sqm							170.68		
						7.5litre/Sqm		7.50	1280.13		
									64.01		
									B		
	Total Quantity (A+B)								437.70	437.70	Ltr.
18	Plinth Protection Work :-										
	Front Side	Sqm	2	20.45	0.75			30.68			
	Right Side		1	15.75	0.75			11.81			
	Back Side		1	50.54	0.75			37.90			
	Left Side		1	15.75	0.75			11.81			
	Total Quantity								92.21	92.21	Sqm
19	Providing 250mm thick brick work in Foundation & Plinth										
	Long Wall (Outer)	Cum	2	46.09	0.25	0.50		11.52			
	Long Wall (Inner)		1	19.20	0.25	0.50		2.40			
			1	15.37	0.25	0.50		1.92			
			1	15.41	0.25	0.50		1.93			
			1	15.37	0.25	0.50		1.92			
	Short Wall(Outer)		2	13.75	0.25	0.50		3.44			
	Short Wall (Inner)		15	5.84	0.25	0.50		10.96			
			1	3.81	0.25	0.50		0.48			
			1	1.52	0.25	0.50		0.19			
	Total Quantity								34.75	34.75	Cum
20	Providing 250mm thick brick work in super structure										
	Ground Floor :-										
	Long Wall (Outer)	Cum	2	46.09	0.25	3.21		73.94			
	Long Wall (Inner)		1	19.20	0.25	3.21		15.40			
			1	15.37	0.25	3.21		12.33			
			1	15.41	0.25	3.21		12.36			
			1	15.37	0.25	3.21		12.33			
	Short Wall(Outer)		2	13.75	0.25	3.21		22.06			
	Short Wall (Inner)		15	5.84	0.25	3.21		70.31			
			1	3.81	0.25	3.21		3.06			
			1	1.52	0.25	3.21		1.22			
	Less Door Opening							0.00			
	Above Door.D1	Cum	-15	1.22	0.25	2.10		-9.60			
	Above Door.D2		-2	2.44	0.25	2.10		-2.56			
	Above Door.D3		-3	0.91	0.25	2.10		-1.44			
	Less Window Opening										
	Window W1	Cum	-15	1.83	0.25	1.80		-12.35			
	Window W2	Cum	-1	2.29	0.25	1.80		-1.03			

	Window W3	Cum	-1	1.42	0.25	1.80		-0.64			
	Window W4	Cum	-2	2.44	0.25	1.35		-1.65			
	Window W5	Cum	-4	3.84	0.25	1.35		-5.18			
	Ventilator V1	Cum	-1	0.76	0.25	0.60		-0.11			
	First Floor :-										
	Long Wall (Outer)	Cum	1	46.09	0.25	3.21		36.97			
	Long Wall (Inner)		1	38.41	0.25	3.21		30.81			
			1	38.41	0.25	3.21		30.81			
			2	19.20	0.25	3.21		30.81			
	Short Wall(Outer)		2	13.75	0.25	3.21		22.06			
	Short Wall (Inner)		12	5.84	0.25	3.21		56.25			
	Less Door Opening							0.00			
	Above Door.D1	Cum	-18	1.22	0.25	2.10		-11.52			
	Less Window Opening										
	Window W1	Cum	-18	1.83	0.25	1.80		-14.82			
	Window W2	Cum	-1	2.29	0.25	1.80		-1.03			
	Window W3	Cum	-1	1.42	0.25	1.80		-0.64			
	Window W4	Cum	-2	2.44	0.25	1.35		-1.65			
	Window W5	Cum	-2	3.84	0.25	1.35		-2.59			
	Second Floor :-										
	Long Wall (Outer)	Cum	1	46.09	0.25	3.21		36.97			
	Long Wall (Inner)		1	38.41	0.25	3.21		30.81			
			1	38.41	0.25	3.21		30.81			
			2	19.20	0.25	3.21		30.81			
	Short Wall(Outer)		2	13.75	0.25	3.21		22.06			
	Short Wall (Inner)		11	5.84	0.25	3.21		51.56			
	Less Door Opening							0.00			
	Above Door.D1	Cum	-14	1.22	0.25	2.10		-8.96			
	Less Window Opening										
	Window W1	Cum	-18	1.83	0.25	1.80		-14.82			
	Window W2	Cum	-1	2.29	0.25	1.80		-1.03			
	Window W3	Cum	-1	1.42	0.25	1.80		-0.64			
	Window W4	Cum	-2	2.44	0.25	1.35		-1.65			
	Window W5	Cum	-2	3.84	0.25	1.35		-2.59			
	Parapet wall		2	5.03	0.25	1.20		3.02			
			1	7.77	0.25	1.20		2.33			
	Terrace Floor :-										
	Parapet Wall Long Wall	Cum	1	46.09	0.25	1.20		13.83			
			2	7.83	0.25	1.20		4.70			
			2	15.36	0.25	1.20		9.22			
	Parapet Wall Short Wall		2	5.00	0.25	1.20		3.00			
			1	7.82	0.25	1.20		2.35			
	Mumty Room	Cum	4	7.06	0.25	2.70		19.07			
			4	3.84	0.25	2.70		10.36			
	Less Door Opening		-1	1.07	0.25	2.10		-0.56			
	Less Window Opening		-1	1.52	0.25	1.20		-0.46			
			-1	3.84	0.25	1.20		-1.15			
	Total Quantity								602.93	602.93	Cum
21	Providing 125mm thick brick work in super structure										
	Ground Floor :-										
	Boys Toilet	Sqm	1	4.04		3.00		12.12			
			3	1.52		3.00		13.72			
			1	2.62		3.00		7.85			
			1	0.89		3.00		2.66			
			1	1.34		3.00		4.03			
			1	1.07		3.00		3.20			

	Less Door Opening	Sqm	-3	0.76		2.10		-4.80			
			-1	0.91		2.10		-1.92			
	Girls Toilet	Sqm	1	5.31		3.00		15.92			
			3	1.52		3.00		13.72			
			1	2.44		3.00		7.32			
			1	0.89		3.00		2.66			
			1	1.52		3.00		4.57			
			1	1.07		3.00		3.20			
	Less Door Opening	Sqm	-4	0.76		2.10		-6.40			
			-1	0.91		2.10		-1.92			
	First Floor :-										
	Boys Toilet	Sqm	1	4.04		3.00		12.12			
			3	1.52		3.00		13.72			
			1	2.62		3.00		7.85			
			1	0.89		3.00		2.66			
			1	1.34		3.00		4.03			
			1	1.07		3.00		3.20			
	Less Door Opening	Sqm	-3	0.76		2.10		-4.80			
			-1	0.91		2.10		-1.92			
	Girls Toilet	Sqm	1	5.31		3.00		15.92			
			3	1.52		3.00		13.72			
			1	2.44		3.00		7.32			
			1	0.89		3.00		2.66			
			1	1.52		3.00		4.57			
			1	1.07		3.00		3.20			
	Less Door Opening	Sqm	-4	0.76		2.10		-6.40			
			-1	0.91		2.10		-1.92			
	Second Floor :-										
	Boys Toilet	Sqm	1	4.04		3.00		12.12			
			3	1.52		3.00		13.72			
			1	2.62		3.00		7.85			
			1	0.89		3.00		2.66			
			1	1.34		3.00		4.03			
			1	1.07		3.00		3.20			
	Less Door Opening	Sqm	-3	0.76		2.10		-4.80			
			-1	0.91		2.10		-1.92			
	Girls Toilet	Sqm	1	5.31		3.00		15.92			
			3	1.52		3.00		13.72			
			1	2.44		3.00		7.32			
			1	0.89		3.00		2.66			
			1	1.52		3.00		4.57			
			1	1.07		3.00		3.20			
	Less Door Opening	Sqm	-4	0.76		2.10		-6.40			
			-1	0.91		2.10		-1.92			
	Total Quantity							<u>227.80</u>	<u>227.80</u>	Sqm	
22	Providing 12mm cement plaster in internal surfaces										
	Ground Floor :-										
	Boys Toilet	Sqm	1	19.87		1.56		30.99			
	Store		1	12.50		3.66		45.73			
	Pantry		1	14.33		3.66		52.42			
	Conference		1	19.82		3.66		72.50			
	Staff Room		1	28.05		3.66		102.62			
	Sports Room		1	19.82		3.66		72.50			
	Lobby		1	16.01		3.66		58.56			

	Class Room UKG		1	28.05		3.66		102.62			
	Class Room NURSERY		1	28.05		3.66		102.62			
	Girls Toilet	Sqm	1	19.87		3.66		72.68			
	Office		1	24.39		3.66		89.23			
			1	9.86		3.66		36.07			
	Toilet		1	7.93		1.56		12.35			
	Principal Chamber		1	19.82		3.66		72.50			
	Waiting Area.		1	20.43		3.66		74.73			
	Lobby		1	29.27		3.66		107.08			
	Class Room LKG		1	28.05		3.66		102.62			
	Class Room 1		1	28.05		3.66		102.62			
	Stair		2	16.54		3.66		121.00			
	Corridor		1	24.54		3.66		89.79			
			1	20.45		3.66		74.82			
			2	2.44		3.66		17.85			
			1	16.62		3.66		60.79			
			1	16.62		3.66		60.79			
	Less Door Opening										
	Above Door.D1	Sqm	-15	1.22		2.10		-38.41			
	Above Door.D2		-2	2.44		2.10		-10.24			
	Above Door.D3		-3	0.91		2.10		-5.76			
	Toilet Door		-2	0.91		2.10		-3.84			
	Less Window Opening							0.00			
	Window W1	Sqm	-7.5	1.83		1.80		-24.70			
	Window W2		-0.5	2.29		1.80		-2.06			
	Window W3		-0.5	1.42		1.80		-1.28			
	Window W4		-1	2.44		1.35		-3.29			
	Window W5		-2	3.84		1.35		-10.36			
	Ventilator V1		-0.5	0.76		0.60		-0.23			
	First Floor :-										
	Boys Toilet	Sqm	1	19.87		1.56		30.99			
	Class Room VII		1	28.05		3.66		102.62			
	Class Room VIII		1	28.05		3.66		102.62			
	Class Room IX		1	28.05		3.66		102.62			
	Class Room X		1	28.05		3.66		102.62			
	Class Room II		1	28.05		3.66		102.62			
	Girls Toilet	Sqm	1	19.87		3.66		72.68			
	Class Room VI	Sqm	1	28.05		3.66		102.62			
	Class Room V		1	28.05		3.66		102.62			
	Cutout Area		1	29.27		3.66		107.08			
	Class Room IV		1	28.05		1.56		43.72			
	Class Room III		1	28.05		3.66		102.62			
	Stair		2	16.54		3.66		121.00			
	Corridor		1	48.83		3.66		178.65			
			1	2.44		3.66		8.92			
			2	16.62		3.66		121.58			
			1	2.44		3.66		8.92			
	Above Door.D1	Sqm	-18	1.22		2.10		-46.10			
	Less Window Opening										
	Window W1	Sqm	-9	1.83		1.80		-29.63			
	Window W2		-0.5	2.29		1.80		-2.06			
	Window W3		-0.5	1.42		1.80		-1.28			
	Window W4		-1	2.44		1.35		-3.29			
	Window W5		-1	3.84		1.35		-5.18			
	Second Floor :-										
	Boys Toilet	Sqm	1	19.87		1.56		30.99			
	Class Room XII		1	28.05		3.66		102.62			

	Library		1	44.41		3.66		162.47			
	Coomputer Lab		1	44.41		3.66		162.47			
	Girls Toilet	Sqm	1	19.87		3.66		72.68			
	Class Room XI		1	28.05		3.66		102.62			
	Music Room		1	28.05		3.66		102.62			
	Lobby		1	29.27		3.66		107.08			
	Art Room		1	28.05		1.56		43.72			
	Vcomposite Lab		1	28.05		3.66		102.62			
	Stair		2	16.54		3.66		121.00			
	Corridor		1	48.83		3.66		178.65			
			1	2.44		3.66		8.92			
			2	16.62		3.66		121.58			
			1	2.44		3.66		8.92			
	Less Door Opening							0.00			
	Above Door.D1	Sqm	-14	1.22		2.10		-35.85			
	Less Window Opening							0.00			
	Window W1		-9	1.83		1.80		-29.63			
	Window W2		-0.5	2.29		1.80		-2.06			
	Window W3		-0.5	1.42		1.80		-1.28			
	Window W4		-1	2.44		1.35		-3.29			
	Window W5		-1	3.84		1.35		-5.18			
	Terrace Floor :-										
	Mumty Room	Sqm	2	20.78		3.00		124.68			
	Less Door Opening		-1	1.07		2.10		-2.24			
	Less Window Opening		-1	1.52		1.20		-1.83			
			-1	3.84		1.20		-4.60			
	Total Quantity							4529.92	4529.92	Sqm	
23	Providing 6mm cement plaster in ceiling										
	Ground Floor :-										
	Boys Toilet	Sqm	1	6.10	3.84			23.39			
	Store		1	3.81	2.44			9.30			
	Pantry		1	3.66	3.35			12.27			
	Conference		1	3.81	6.10			23.24			
	Staff Room		1	7.93	6.10			48.33			
	Sports Room		1	3.81	6.10			23.24			
	Lobby		1	6.10	3.81			23.24			
	Class Room UKG		1	7.93	6.10			48.33			
	Class Room NURSERY		1	7.93	6.10			48.33			
	Girls Toilet	Sqm	1	6.10	3.84			23.39			
	Office		1	6.10	6.10			37.18			
			1	1.52	3.40			5.19			
	Toilet		1	1.52	2.44			3.72			
	Principal Chamber		1	6.10	6.10			37.18			
	Waiting Area.		1	4.12	6.10			25.10			
	Lobby		1	7.93	6.71			53.17			
	Class Room LKG		1	7.93	6.10			48.33			
	Class Room 1		1	7.93	6.10			48.33			
	Stair		2	6.35	3.84			48.71			
	Corridor		1	48.81	2.44			119.04			
	First Floor :-										
	Boys Toilet	Sqm	1	6.10	3.84			23.39			
	Class Room VII		1	7.93	6.10			48.33			
	Class Room VIII		1	7.93	6.10			48.33			
	Class Room IX		1	7.93	6.10			48.33			
	Class Room X		1	7.93	6.10			48.33			
	Class Room II		1	7.93	6.10			48.33			

	Girls Toilet	Sqm	1	6.10	3.84			23.39			
	Class Room VI	Sqm	1	7.93	6.10			48.33			
	Class Room V		1	7.93	6.10			48.33			
	Cutout Area		1	7.93	6.71			53.17			
	Class Room IV		1	7.93	6.10			48.33			
	Class Room III		1	7.93	6.10			48.33			
	Stair		2	6.35	3.84			48.71			
	Corridor		1	48.81	2.44			119.04			
	Second Floor :-										
	Boys Toilet	Sqm	1	6.10	3.84			23.39			
	Class Room XII		1	7.93	6.10			48.33			
	Library		1	16.11	6.10			98.21			
	Coomputer Lab		1	16.11	6.10			98.21			
	Girls Toilet	Sqm	1	6.10	3.84			23.39			
	Class Room XI		1	7.93	6.10			48.33			
	Music Room		1	7.93	6.10			48.33			
	Lobby		1	7.93	6.71			53.17			
	Art Room		1	7.93	6.10			48.33			
	Vcomposite Lab		1	7.93	6.10			48.33			
	Stair		2	6.35	3.84			48.71			
	Corridor		1	48.81	2.44			119.04			
	Terrace Floor :-										
	Mumty Room	Sqm	2	6.55	3.84			50.28			
	Total Quantity								2167.78	2167.78	Sqm
24	Providing 12mm thick water proof cement plaster (1:3) in O/S										
	Ground Floor :-										
	Front Side	Sqm	1	49.34		4.26		210.18			
	Column Offset		13	0.76		4.26		42.21			
	Right Side		1	15.75		4.26		67.10			
	Back Side	Sqm	1	49.34		4.26		210.18			
	Column Offset		13	0.76		4.26		42.21			
	Left Side		1	15.75		4.26		67.10			
	Less Window Opening							0.00			
	Window W1	Sqm	-7.5	1.83		1.80		-24.70			
	Window W2		-0.5	2.29		1.80		-2.06			
	Window W3		-0.5	1.42		1.80		-1.28			
	Window W4		-1	2.44		1.35		-3.29			
	Window W5		-2	3.84		1.35		-10.36			
	Ventilator V1		-0.5	0.76		0.60		-0.23			
	Chajja Projection							0.00			
	Window W1	Sqm	15	2.03		1.00		30.45			
	Window W2		1	2.49		1.00		2.49			
	Window W3		1	1.62		1.00		1.62			
	Window W4		2	2.64		1.00		5.28			
	Window W5		4	4.04		1.00		16.16			
	Ventilator V1		1	0.96		1.00		0.96			
	First Floor :-										
	Front Side	Sqm	1	49.34		4.26		210.18			
	Column Offset		13	0.76		4.26		42.21			
	Right Side		1	15.75		4.26		67.10			
	Back Side	Sqm	1	49.34		4.26		210.18			
	Column Offset		13	0.76		4.26		42.21			
	Left Side		1	15.75		4.26		67.10			
	Less Window Opening							0.00			
	Window W1	Sqm	-7.5	1.83		1.80		-24.70			

	Window W2		-0.5	2.29	1.80	-2.06			
	Window W3		-0.5	1.42	1.80	-1.28			
	Window W4		-1	2.44	1.35	-3.29			
	Window W5		-2	3.84	1.35	-10.36			
	Chajja Projection					0.00			
	Window W1	Sqm	15	2.03	1.00	30.45			
	Window W2		1	2.49	1.00	2.49			
	Window W3		1	1.62	1.00	1.62			
	Window W4		2	2.64	1.00	5.28			
	Window W5		4	4.04	1.00	16.16			
	Ventilator V1		1	0.96	1.00	0.96			
	Second Floor :-								
	Front Side	Sqm	1	49.34	4.26	210.18			
	Column Offset		13	0.76	4.26	42.21			
	Right Side		1	15.75	4.26	67.10			
	Back Side	Sqm	1	49.34	4.26	210.18			
	Column Offset		13	0.76	4.26	42.21			
	Left Side		1	15.75	4.26	67.10			
	Less Window Opening					0.00			
	Window W1	Sqm	-7.5	1.83	1.80	-24.70			
	Window W2		-0.5	2.29	1.80	-2.06			
	Window W3		-0.5	1.42	1.80	-1.28			
	Window W4		-1	2.44	1.35	-3.29			
	Window W5		-2	3.84	1.35	-10.36			
	Chajja Projection					0.00			
	Window W1	Sqm	15	2.03	1.00	30.45			
	Window W2		1	2.49	1.00	2.49			
	Window W3		1	1.62	1.00	1.62			
	Window W4		2	2.64	1.00	5.28			
	Window W5		4	4.04	1.00	16.16			
	Ventilator V1		1	0.96	1.00	0.96			
	Terrace Floor :-								
	Mumty Room	Sqm	2	28.30	3.30	186.80			
	Less Window Opening		-1	1.52	1.20	-1.83			
			-1	3.84	1.20	-4.60			
	Parapet								
	Front Side		1	49.34	2.70	133.21			
	Column Offset		13	0.76	2.70	26.75			
	Right Side		1	15.75	2.70	42.53			
	Back Side	Sqm	1	49.34	2.70	133.21			
	Column Offset		13	0.76	2.70	26.75			
	Left Side		1	15.75	2.70	42.53			
	Total Quantity						2547.89	2547.89	Sqm
25	Putty (Inner Wall)	Sqm							
	Qty Same as 12 mm Cement Plaster I/S					4529.92			
	Total Quantity						4529.92	4529.92	Sqm
26	Wall Paint I/S	Sqm							
	Qty Same as 12 mm Cement Plaster I/S					4529.92			
	Less Wall Mural								
	Total Quantity						4529.92	4529.92	Sqm
27	Ceiling Paint I/S	Sqm							
	Qty Same as 6 mm Cement Plaster I/S					2167.78			

	Total Quantity								2167.78	2167.78	Sqm
28	Exterior Texture Paint O/S	Sqm									
	Qty Same as 12 mm Cement Plaster O/S							2547.89			
	Total Quantity								2547.89	2547.89	Sqm
29	Vaitrified Tiles flooring (600x1200) GVT										
	Entrance Steps										
	Qty Same as Ceiling Plaster Qty	Sqm						2167.78			
	Less for Toilet Area	Sqm	-6	6.10	3.84			-140.32			
	Total Quantity								2027.46	2027.46	Sqm
30	Vaitrified Tiles Skirting										
	Ground Floor :-										
	Store		1	12.50		0.15		1.88			
	Pantry		1	14.33		0.15		2.15			
	Conference		1	19.82		0.15		2.97			
	Staff Room		1	28.05		0.15		4.21			
	Sports Room		1	19.82		0.15		2.97			
	Lobby		1	16.01		0.15		2.40			
	Class Room UKG		1	28.05		0.15		4.21			
	Class Room NURSERY		1	28.05		0.15		4.21			
	Office		1	24.39		0.15		3.66			
			1	9.86		0.15		1.48			
	Principal Chamber		1	19.82		0.15		2.97			
	Waiting Area.		1	20.43		0.15		3.06			
	Lobby		1	29.27		0.15		4.39			
	Class Room LKG		1	28.05		0.15		4.21			
	Class Room 1		1	28.05		0.15		4.21			
	Stair		2	16.54		0.15		4.96			
	Corridor		1	24.54		0.15		3.68			
			1	20.45		0.15		3.07			
			2	2.44		0.15		0.73			
			1	16.62		0.15		2.49			
			1	16.62		0.15		2.49			
	First Floor :-										
	Class Room VII		1	28.05		0.15		4.21			
	Class Room VIII		1	28.05		0.15		4.21			
	Class Room IX		1	28.05		0.15		4.21			
	Class Room X		1	28.05		0.15		4.21			
	Class Room II		1	28.05		0.15		4.21			
	Class Room VI	Sqm	1	28.05		0.15		4.21			
	Class Room V		1	28.05		0.15		4.21			
	Cutout Area		1	29.27		0.15		4.39			
	Class Room IV		1	28.05		0.15		4.21			
	Class Room III		1	28.05		0.15		4.21			
	Stair		2	16.54		0.15		4.96			
	Corridor		1	48.83		0.15		7.32			
			1	2.44		0.15		0.37			
			2	16.62		0.15		4.98			
			1	2.44		0.15		0.37			
	Second Floor :-										
	Class Room XII		1	28.05		0.15		4.21			
	Library		1	44.41		0.15		6.66			
	Coomputer Lab		1	44.41		0.15		6.66			
	Class Room XI		1	28.05		0.15		4.21			
	Music Room		1	28.05		0.15		4.21			

	Lobby		1	29.27		0.15		4.39			
	Art Room		1	28.05		0.15		4.21			
	Vcomposite Lab		1	28.05		0.15		4.21			
	Stair		2	16.54		0.15		4.96			
	Corridor		1	48.83		0.15		7.32			
			1	2.44		0.15		0.37			
			2	16.62		0.15		4.98			
			1	2.44		0.15		0.37			
	Terrace Floor :-										
	Mumty Room	Sqm	2	20.78		0.15		6.23			
	Total Quantity								189.64	189.64	Sqm
31	Vitrified Floor Tiles (600x600)										
	Ground Floor :-										
	Toilet	Sqm	2	6.10	3.84			46.77			
	First Floor :-										
	Toilet	Sqm	2	6.10	3.84			46.77			
	Second Floor :-										
	Toilet	Sqm	2	6.10	3.84			46.77			
	Total Quantity								140.32	140.32	Sqm
32	Providing and fixing 18 mm thick gang saw cut, mirror polished										
	Ground Floor										
	Stair-1										
	Steps	Sqm	22	1.83	0.30			12.08			
	Landing		1	3.84	1.83			7.02			
	Stair-2										
	Steps	Sqm	22	1.83	0.30			12.08			
	Landing		1	3.84	1.83			7.02			
	First Floor										
	Stair-1										
	Steps	Sqm	22	1.83	0.30			12.08			
	Landing		1	3.84	1.83			7.02			
	Stair-2										
	Steps	Sqm	22	1.83	0.30			12.08			
	Landing		1	3.84	1.83			7.02			
	Second Floor :-										
	Stair-1										
	Steps	Sqm	22	1.83	0.30			12.08			
	Landing		1	3.84	1.83			7.02			
	Stair-2										
	Steps	Sqm	22	1.83	0.30			12.08			
	Landing		1	3.84	1.83			7.02			
	Entrance Steps										
	Steps (Front)	Sqm	3	7.19	0.30			6.47			
	Steps (Back)	Sqm	3	3.84	0.30			3.45			
		Sqm	1	3.84	0.53			2.05			
									126.55		
	Stone Work in skirting, riser of steps etc :-										
	Ground Floor										
	Stair-1										
	Steps Riser	Sqm	22	1.83	0.15			6.04			
	Skirting		22	0.30	0.15			0.99			
			1	7.55	0.15			1.13			
	Stair-2										

	Steps Riser	Sqm	22	1.83	0.15		6.04			
	Skirting		22	0.30	0.15		0.99			
			1	7.55	0.15		1.13			
	First Floor									
	Stair-1									
	Steps Riser	Sqm	22	1.83	0.15		6.04			
	Skirting		22	0.30	0.15		0.99			
			1	7.55	0.15		1.13			
	Stair-2									
	Steps Riser	Sqm	22	1.83	0.15		6.04			
	Skirting		22	0.30	0.15		0.99			
			1	7.55	0.15		1.13			
	Second Floor :-									
	Stair-1									
	Steps Riser	Sqm	22	1.83	0.15		6.04			
	Skirting		22	0.30	0.15		0.99			
			1	7.55	0.15		1.13			
	Stair-2									
	Steps Riser	Sqm	22	1.83	0.15		6.04			
	Skirting		22	0.30	0.15		0.99			
			1	7.55	0.15		1.13			
	Entrance Steps									
	Steps (Front)	Sqm	3	7.19	0.15		3.24			
	Steps (Back)	Sqm	4	3.84	0.15		2.30			
								54.51		
	Window Sill									
	Ground Floor :-									
	Window W1	Sqm	15	1.83		0.30	8.23			
	Window W2		1	2.29		0.30	0.69			
	Window W3		1	1.42		0.30	0.43			
	Window W4		2	2.44		0.30	1.46			
	Window W5		4	3.84		0.30	4.60			
	Ventilator V1		1	0.76		0.30	0.23			
	Basin Counter	Sqm	2	3.96		0.60	4.76			
	First Floor :-									
	Window W1	Sqm	18	1.83		0.30	9.88			
	Window W2		1	2.29		0.30	0.69			
	Window W3		1	1.42		0.30	0.43			
	Window W4		2	2.44		0.30	1.46			
	Window W5		2	3.84		0.30	2.30			
	Basin Counter	Sqm	2	3.96		0.60	4.76			
	Second Floor :-									
	Window W1		18	1.83		0.30	9.88			
	Window W2		1	2.29		0.30	0.69			
	Window W3		1	1.42		0.30	0.43			
	Window W4		2	2.44		0.30	1.46			
	Window W5		2	3.84		0.30	2.30			
	Basin Counter	Sqm	2	3.96		0.60	4.76			
	Terrace Floor :-									
	Window W3	Sqm	2	1.20		0.30	0.72			
	Total Quantity	Sqm						241.19	241.19	Sqm
33	Edge Moulding Marble & Kota Stone Work									
	Stair Steps									
	Ground Floor									
	Steps (Stair-1)	Rmt	22	1.83			40.26			
	Steps (Stair-2)		22	1.83			40.26			

	First Floor									
	Steps (Stair-1)		22	1.83			40.26			
	Steps (Stair-2)	Rmt	22	1.83			40.26			
	Second Floor :-									
	Steps (Stair-1)		22	1.83			40.26			
	Steps (Stair-2)	Rmt	22	1.83			40.26			
	Entrance Steps									
	Steps (Front)	Sqm	3	7.19			21.57			
	Steps (Back)	Sqm	4	3.84			15.34			
	Window Cill									
	Ground Floor :-									
	Window W1	Sqm	15	1.83	0.30		27.44			
	Window W2		1	2.29	0.30		2.29			
	Window W3		1	1.42	0.30		1.42			
	Window W4		2	2.44	0.30		4.88			
	Window W5		4	3.84	0.30		15.34			
	Ventilator V1		1	0.76	0.30		0.76			
	Basin Counter	Sqm	2	3.96	0.60		7.93			
	First Floor :-									
	Window W1	Sqm	18	1.83	0.30		32.93			
	Window W2		1	2.29	0.30		2.29			
	Window W3		1	1.42	0.30		1.42			
	Window W4		2	2.44	0.30		4.88			
	Window W5		2	3.84	0.30		7.67			
	Basin Counter	Sqm	2	3.96	0.60		7.93			
	Second Floor :-									
	Window W1		18	1.83	0.30		32.93			
	Window W2		1	2.29	0.30		2.29			
	Window W3		1	1.42	0.30		1.42			
	Window W4		2	2.44	0.30		4.88			
	Window W5		2	3.84	0.30		7.67			
	Basin Counter	Sqm	2	3.96	0.60		7.93			
	Terrace Floor :-									
	Window W3	Sqm	2	1.20	0.30		2.40			
	Total Quantity	Rmt						455.14	455.14	Rmt
34	Three track three panels sliding window with two glazed & one wire mesh panels									
	Window									
	Ground Floor :-									
	Window W1	Sqm	15	1.83	1.80		27.44			
	Window W2		1	2.29	1.80		2.29			
	Window W3		1	1.42	1.80		1.42			
	Window W4		2	2.44	1.80		4.88			
	Window W5		4	3.84	1.80		15.34			
	Ventilator V1		1	0.76	1.80		0.76			
	Basin Counter	Sqm	2	3.96	0.60		7.93			
	First Floor :-									
	Window W1	Sqm	18	1.83	1.80		32.93			
	Window W2		1	2.29	1.80		2.29			
	Window W3		1	1.42	1.80		1.42			
	Window W4		2	2.44	1.80		4.88			
	Window W5		2	3.84	1.80		7.67			
	Basin Counter	Sqm	2	3.96	0.60		7.93			
	Second Floor :-									
	Window W1		18	1.83	1.80		32.93			

	Window W2		1	2.29		1.80		2.29			
	Window W3		1	1.42		1.80		1.42			
	Window W4		2	2.44		1.80		4.88			
	Window W5		2	3.84		1.80		7.67			
	Basin Counter	Sqm	2	3.96		0.60		7.93			
	Terrace Floor :-										
	Window W3	Sqm	2	1.20		1.80		2.40			
	Total Quantity							176.67	176.67	Sqm	
35	Windows Glazing 5mm thick float glass panes										
	Qty Same as Item No.										
		34 Sqm						176.67			
	Total Quantity							176.67	176.67	Sqm	
36	Providing and fixing pressed steel door frames conforming to IS: 4351,										
	Ground Floor :-										
	Door.D1	Sqm	15	5.42				81.30			
	Door.D2		2	7.20				14.40			
	Door.D3		3	5.11				15.33			
	Door.D5		2	5.11				10.22			
	First Floor :-										
	Door.D1	Sqm	18	5.42				97.56			
	Door.D5		2	5.11				10.22			
	Second Floor :-										
	Door.D1	Sqm	14	5.42				75.88			
	Door.D5		2	5.11				10.22			
	Terrace Floor :-										
	Door D4		2	5.27				10.54			
	Total Quantity	Rmt						325.67	325.67	Rmt	
37	Supplying, fitting and fixing 35mm thick solid core type non-decorative single leaf flush door shutter in door										
	Ground Floor :-										
	Door.D1	Sqm	15	1.22		2.10		38.41			
	Door.D3		3	0.91		2.10		5.76			
	Door.D5		2	0.91		2.10		3.84			
	First Floor :-										
	Door.D1	Sqm	18	1.22		2.10		46.10			
	Door.D5		2	0.91		2.10		3.84			
	Second Floor :-										
	Door.D1	Sqm	14	1.22		2.10		35.85			
	Door.D5		2	0.91		2.10		3.84			
	Terrace Floor :-										
	Door D4		2	1.07		2.100		4.49			
	Total Quantity							142.15	142.15	Sqm	
38	Supplying, fitting and fixing 35mm thick solid core type non-decorative Double leaf flush door shutter in door										
	Ground Floor :-										
	Door.D2		2	2.44		2.44		11.90			
	Total Quantity							11.90	11.90	Sqm	

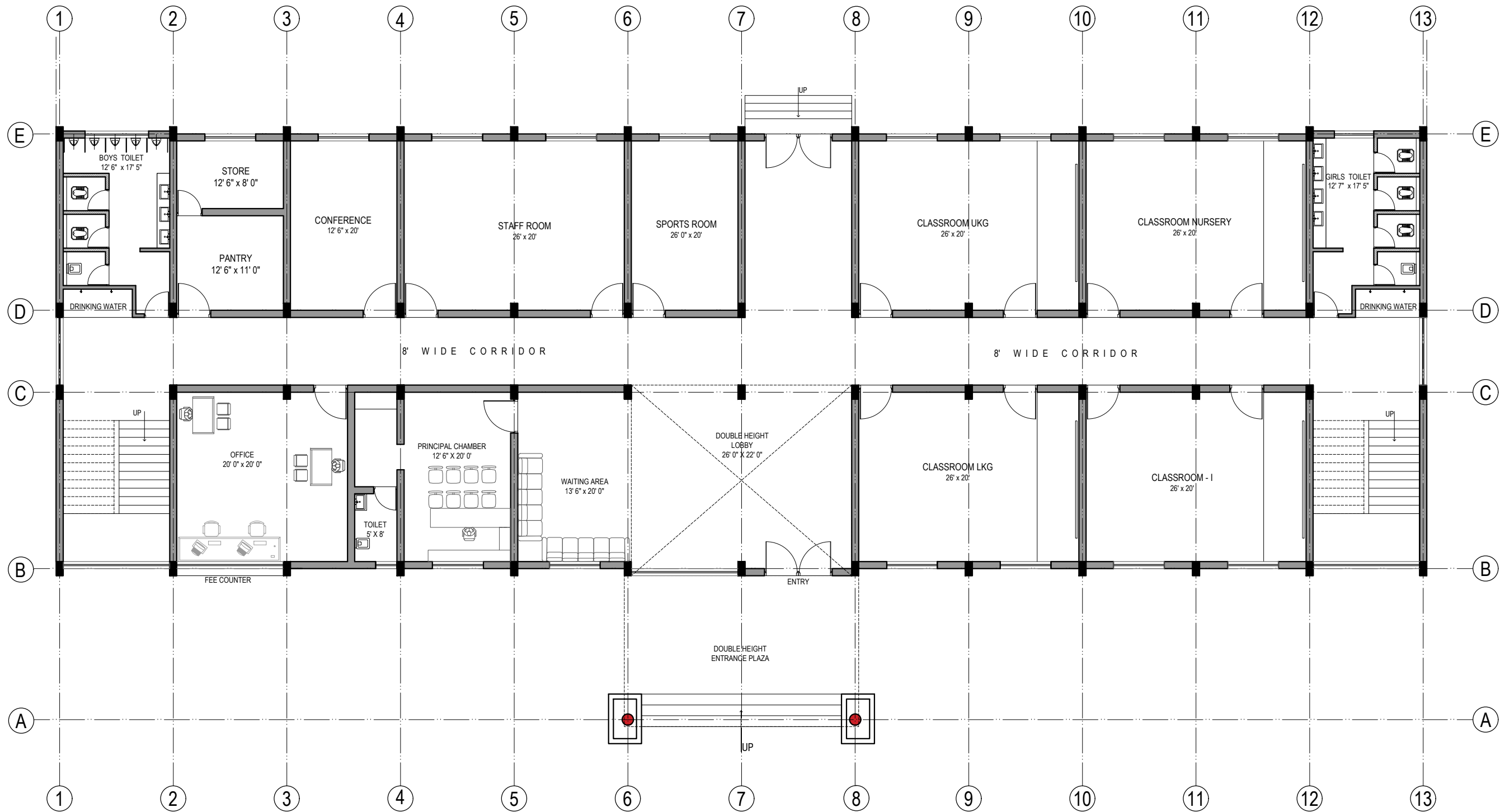
39	Providing and fixing factory made single extruded WPC (Wood Polymer Composite) solid door/window/Ceometry windows & other Frames/Chowkhat									
	Toilet									
	Ground floor	Rmt	7	4.95			34.65			
	First Floor		7	4.95			34.65			
	Second Floor :-		7	4.95			34.65			
	Total Quantity	Rmt						69.30	69.30	Rmt
40	Providing and fixing factory made single extruded WPC (Wood Polymer Composite) solid decorative type flush door shutter of required size									
	Toilet									
	Ground floor		7	0.75	2.10		11.03			
	First Floor		7	0.75	2.10		11.03			
	Second Floor :-		7	0.75	2.10		11.03			
	Total Quantity	Sqm						22.05	22.05	Sqm
41	Providing and fixing 1mm thick M.S. sheet door									
	Terrace Floor									
	Mumty Door	Sqm	2	1.07	2.40		5.14			
								5.14	5.14	Sqm
42	Supplying, fitting and fixing M.S. grill gate									
	Main Entrance Gate	Sqm	1	2.40	2.4		5.76			
			1				5.76			
	Coefficient @ 20kg/Sqm	Sqm	1	5.76	20		115.2			
	Window Grill									
	Ground Floor :-					Coefficient				
	Window W1	Sqm	15	1.83	1.20	15.00	493.90			
	Window W2		1	2.29	1.20	15.00	41.16			
	Window W3		1	1.42	1.20	15.00	25.57			
	Window W4		2	2.44	1.20	15.00	87.80			
	Window W5		4	3.84	1.20	15.00	276.15			
	Ventilator V1		1	0.76	1.20	15.00	13.72			
	Basin Counter	Sqm	2	3.96	0.60	15.00	71.34			
	First Floor :-									
	Window W1	Sqm	18	1.83	1.20	15.00	592.68			
	Window W2		1	2.29	1.20	15.00	41.16			
	Window W3		1	1.42	1.20	15.00	25.57			
	Window W4		2	2.44	1.20	15.00	87.80			
	Window W5		2	3.84	1.20	15.00	138.07			
	Basin Counter	Sqm	2	3.96	0.60	15.00	71.34			
	Second Floor :-									
	Window W1		18	1.83	1.20	15.00	592.68			
	Window W2		1	2.29	1.20	15.00	41.16			
	Window W3		1	1.42	1.20	15.00	25.57			
	Window W4		2	2.44	1.20	15.00	87.80			
	Window W5		2	3.84	1.20	15.00	138.07			
	Basin Counter	Sqm	2	3.96	0.60	15.00	71.34			
	Terrace Floor :-									
	Window W3	Sqm	2	1.20	1.20	15.00	43.20			
	Total Quantity	Sqm						3081.31	3081.31	Kg

43	Providing two coats of synthetic enamel paint of approved shade										
							Coefficient				
	Main Entrance Gate	Sqm	1	2.40		2.4	2.5	14.40			
	Window Grill										
	Ground Floor :-										
	Window W1	Sqm	15	1.83		1.20	1.20	39.51			
	Window W2		1	2.29		1.20	1.20	3.29			
	Window W3		1	1.42		1.20	1.20	2.05			
	Window W4		2	2.44		1.20	1.20	7.02			
	Window W5		4	3.84		1.20	1.20	22.09			
	Ventilator V1		1	0.76		1.20	1.20	1.10			
	Basin Counter	Sqm	2	3.96		0.60	1.20	5.71			
	First Floor :-										
	Window W1	Sqm	18	1.83		1.20	1.20	47.41			
	Window W2		1	2.29		1.20	1.20	3.29			
	Window W3		1	1.42		1.20	1.20	2.05			
	Window W4		2	2.44		1.20	1.20	7.02			
	Window W5		2	3.84		1.20	1.20	11.05			
	Basin Counter	Sqm	2	3.96		0.60	1.20	5.71			
	Second Floor :-										
	Window W1		18	1.83		1.20	1.20	47.41			
	Window W2		1	2.29		1.20	1.20	3.29			
	Window W3		1	1.42		1.20	1.20	2.05			
	Window W4		2	2.44		1.20	1.20	7.02			
	Window W5		2	3.84		1.20	1.20	11.05			
	Basin Counter	Sqm	2	3.96		0.60	1.20	5.71			
	Terrace Floor :-										
	Window W3	Sqm	2	1.20		1.20	1.20	3.46			
	Total Quantity	Sqm							251.69	251.69	Sqm
44	S.S Railing in Stair Case					Co-efficient					
	Railing (Stair-1)	Rmt	1	18.00		15.00		270.00			
	Railing (Stair-2)		1	18.00		15.00		270.00			
									540.00	540.00	Kg
45	Water Proofing on Sunken Slab										
	Toilet	Sqm	6	6.70	4.44			178.24			
	Total Quantity								178.24	178.24	Sqm
46	Water Proofing on Roof Slab										
	Roof	Sqm	1	49.41	15.84			782.78			
			1	8.53	5.49			46.79			
	Total Quantity								829.57	829.57	Sqm

ESTIMATE FOR CONSTRUCTION OF NEW SCHOOL BUILDING, DAV, LATEHAR.

MATERIALS STATEMENT

<u>MATERIALS STATEMENT (TOILET)</u>											
	ITEM OF WORK		QUANTITY	CEMENT		SAND		CHIPS		BRICKS	
			in M3/M2	RATE	QTY.	RATE	QTY	RATE	QTY	RATE	QTY
1	SAND FILLING		85.83			1.00	85.83		0.00		0
2	PCC 1;3:6		34.87	0.157	5.47	0.471	16.42	0.94	32.78		0
3	BRICK FLAT SOLING		1144.37		0.00	0.016	18.31		0.00	32.26	36918
4	250MM BRICK WORK		637.69	0.036	22.96	0.219	139.65		0.00	406	258901
5	125MM BRICK WORK		0.00	0.01	0.00	0.04	0.00		0.00	52	0
5	RCC (1:1.5:3		759.21	0.29	220.17	0.435	330.26	0.87	660.52		
6	GLAZED TILES		2217.10	0.0039	8.65	0.0092	20.40		0.00		
7	TILES FLOORING		0.00	0.0041	0.00	0.014	0.00		0.00		
8	12MM CEMENT PLASTER		4529.92	0.0026	11.78	0.016	72.48		0.00		
9	6MM CEMENT PLASTER		2167.78	0.0019	4.12	0.0073	15.82		0.00		
10	WATER PROOF C.P.		2547.89	0.0074	18.85	0.0291	74.14		0.00		
					292.00		773.32		693.29		295818
				8246	BAGS			METAL	32.78		
				412.31	MT.	773.32	Cum	693.29		295818	Nos



- NOTES**
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 3. LEVELS MENTIONED FOR LINTELS AT DOOR AND OPENINGS ARE FROM FINISHED FLOOR LEVEL.
 4. ALL OPENINGS DIMENSIONS SHOWN ARE STRUCTURAL OPENINGS UNLESS NOTED OTHERWISE.

AREA STATEMENT:
GROUND FLOOR BUILT-UP
AREA = 7463 SQ.FT.
FIRST FLOOR BUILT-UP
AREA = 7992 SQ.FT.
SECOND FLOOR BUILT-UP
AREA = 9069 SQ.FT.

**TOTAL BUILT-UP AREA =
24,524 SQ.FT.**

REV. NO	DATE:	DESCRIPTION

CLIENT
**PRINCIPAL D.A.V
LATHEHAR**

PROJECT :
School Design

DRAWING :
GROUND FLOOR PLAN

DRAWN BY: Sneh Prakash

CHECKED BY: Kumar Sundram

SCALE :- NTS

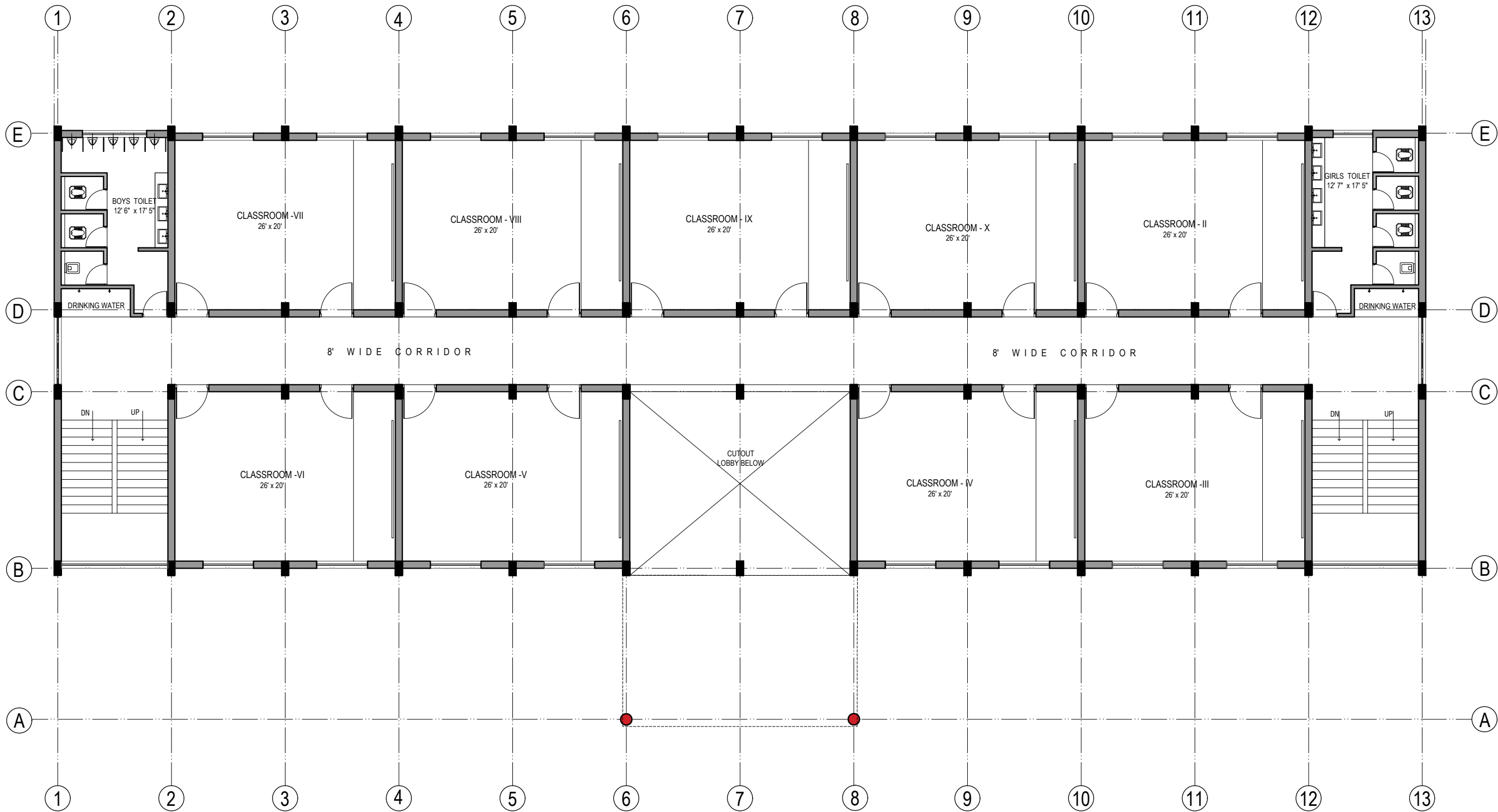
Implementing Agency:

Consulting Architects:

NIRMAAN
Architects & Designers
+91 6202651172 , +91 7004095733

DRAWING STATUS DATE
 31-03-2026

DRAWING NO.
LAT/SD/AR-01-R0



- NOTES**
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 3. LEVELS MENTIONED FOR LINTELS AT DOOR AND OPENINGS ARE FROM FINISHED FLOOR LEVEL.
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AREA STATEMENT:
GROUND FLOOR BUILT-UP
AREA = 7463 SQ.FT.
FIRST FLOOR BUILT-UP
AREA = 7992 SQ.FT.
SECOND FLOOR BUILT-UP
AREA = 9069 SQ.FT.

**TOTAL BUILT-UP AREA =
24,524 SQ.FT.**

REV. NO	DATE:	DESCRIPTION

CLIENT
**PRINCIPAL D.A.V
LATHEHAR**

PROJECT :
School Design

DRAWING :
FIRST FLOOR PLAN

DRAWN BY: Sneh Prakash
CHECKED BY: Kumar Sundram

SCALE :- NTS

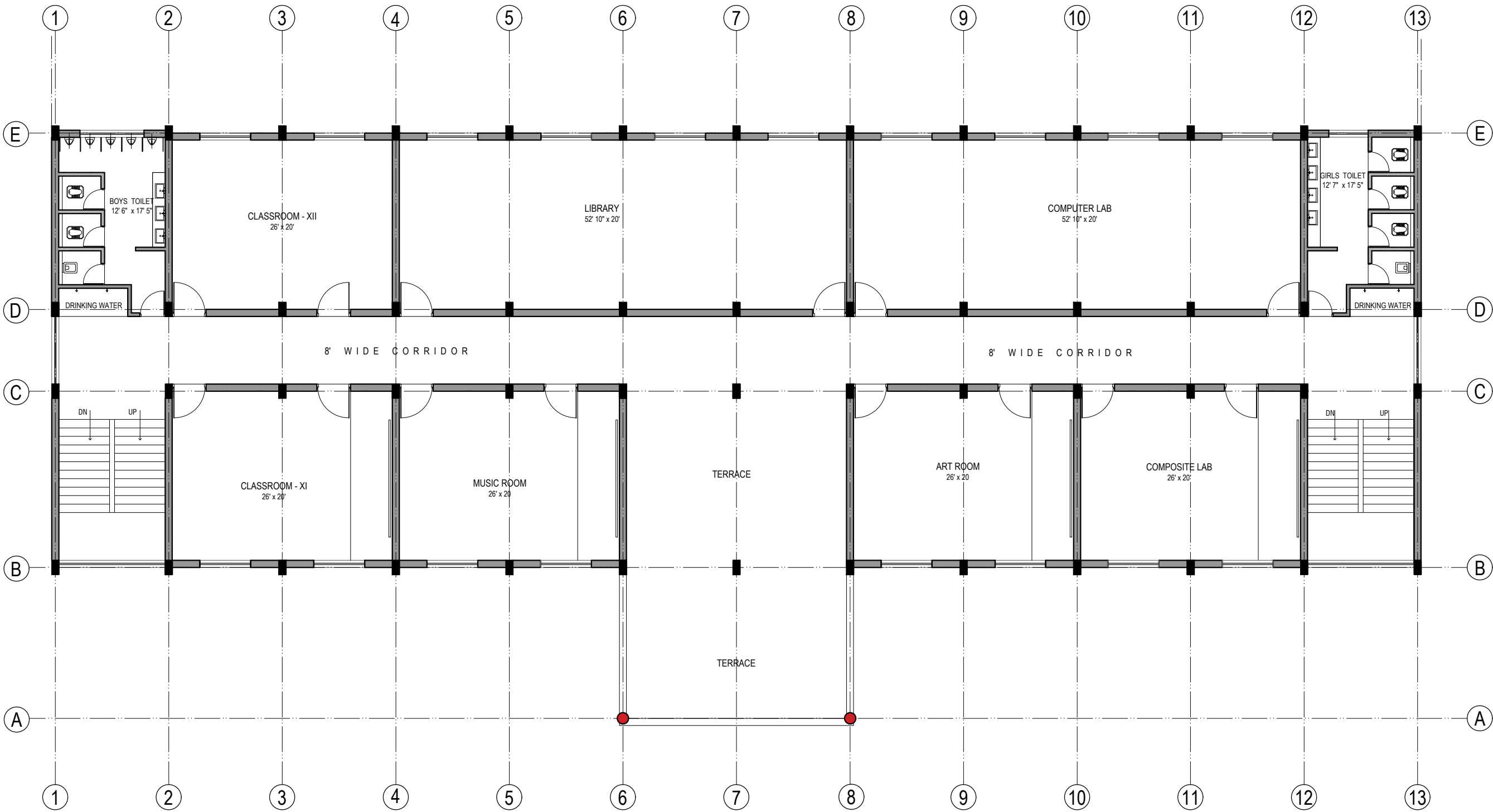
Implementing Agency:

Consulting Architects:

NIRMAAN
Architects & Designers
+91 6202651172 , +91 7004095733

DRAWING STATUS DATE
 31-03-2026

DRAWING NO.
LAT/SD/AR-02-R0



- NOTES**
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 3. LEVELS MENTIONED FOR LINTELS AT DOOR AND OPENINGS ARE FROM FINISHED FLOOR LEVEL.
 4. ALL OPENINGS DIMENSIONS SHOWN ARE STRUCTURAL OPENINGS UNLESS NOTED OTHERWISE.

AREA STATEMENT:
GROUND FLOOR BUILT-UP
AREA = 7463 SQ.FT.
FIRST FLOOR BUILT-UP
AREA = 7992 SQ.FT.
SECOND FLOOR BUILT-UP
AREA = 9069 SQ.FT.

**TOTAL BUILT-UP AREA =
24,524 SQ.FT.**

REV. NO	DATE:	DESCRIPTION

CLIENT
**PRINCIPAL D.A.V
LATHEHAR**

PROJECT :
School Design

DRAWING :
SECOND FLOOR PLAN

DRAWN BY: Sneh Prakash

CHECKED BY: Kumar Sundram

SCALE :- NTS

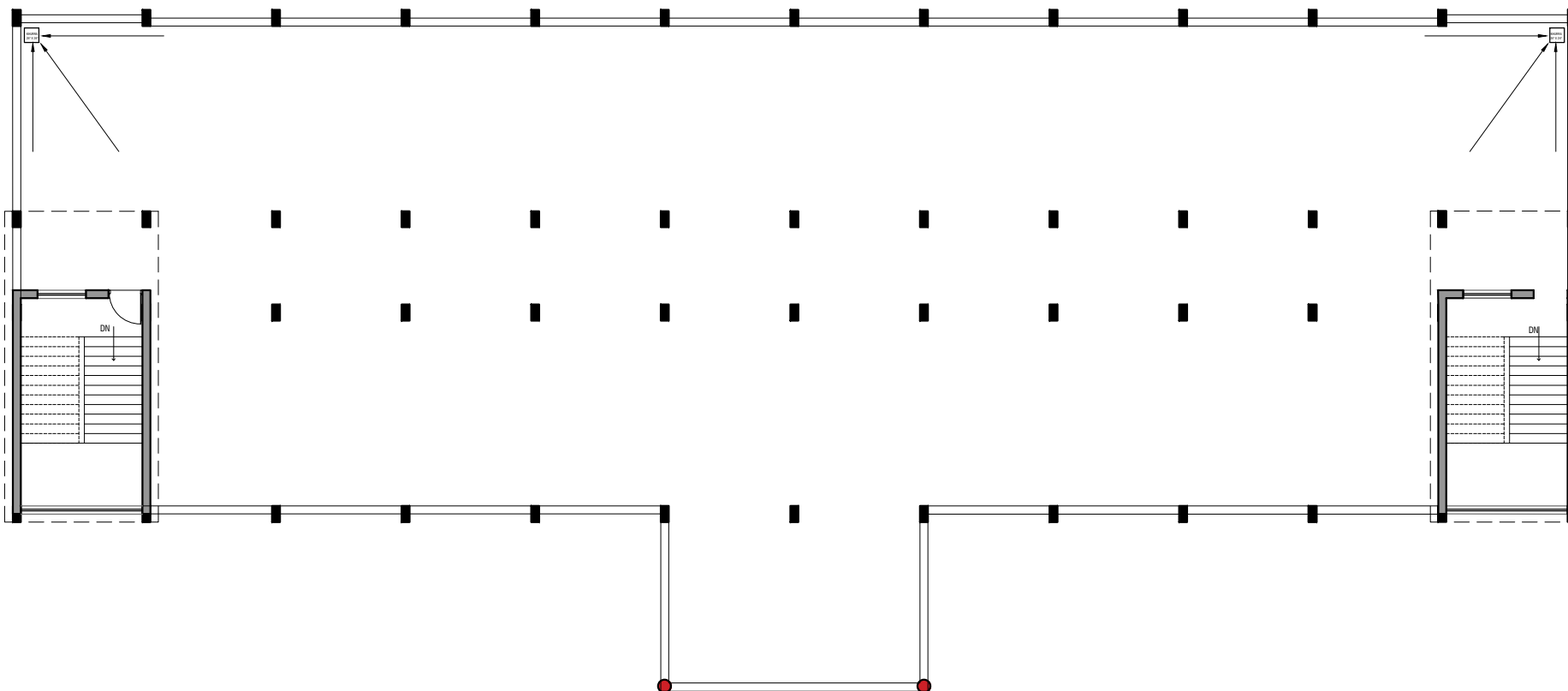
Implementing Agency:

Consulting Architects:

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Architects & Designers
+91 6202651172 , +91 7004095733

DRAWING STATUS	DATE 31-03-2026
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DRAWING NO.
LAT/SD/AR-03-R0



- NOTES
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 3. LEVELS MENTIONED FOR LUNELS AT DOOR AND OPENINGS ARE FROM FINISHED FLOOR LEVEL.
 4. ALL OPENINGS DIMENSIONS SHOWN ARE STRUCTURAL OPENINGS UNLESS NOTED OTHERWISE.

REV. NO	DATE:	DESCRIPTION

CLIENT
**PRINCIPAL D.A.V
LATHEHAR**

PROJECT :
School Design

DRAWING :
TERRACE PLAN

DRAWN BY: Sneh Prakash

CHECKED BY: Kumar Sundram

SCALE :- NTS

Implementing Agency:

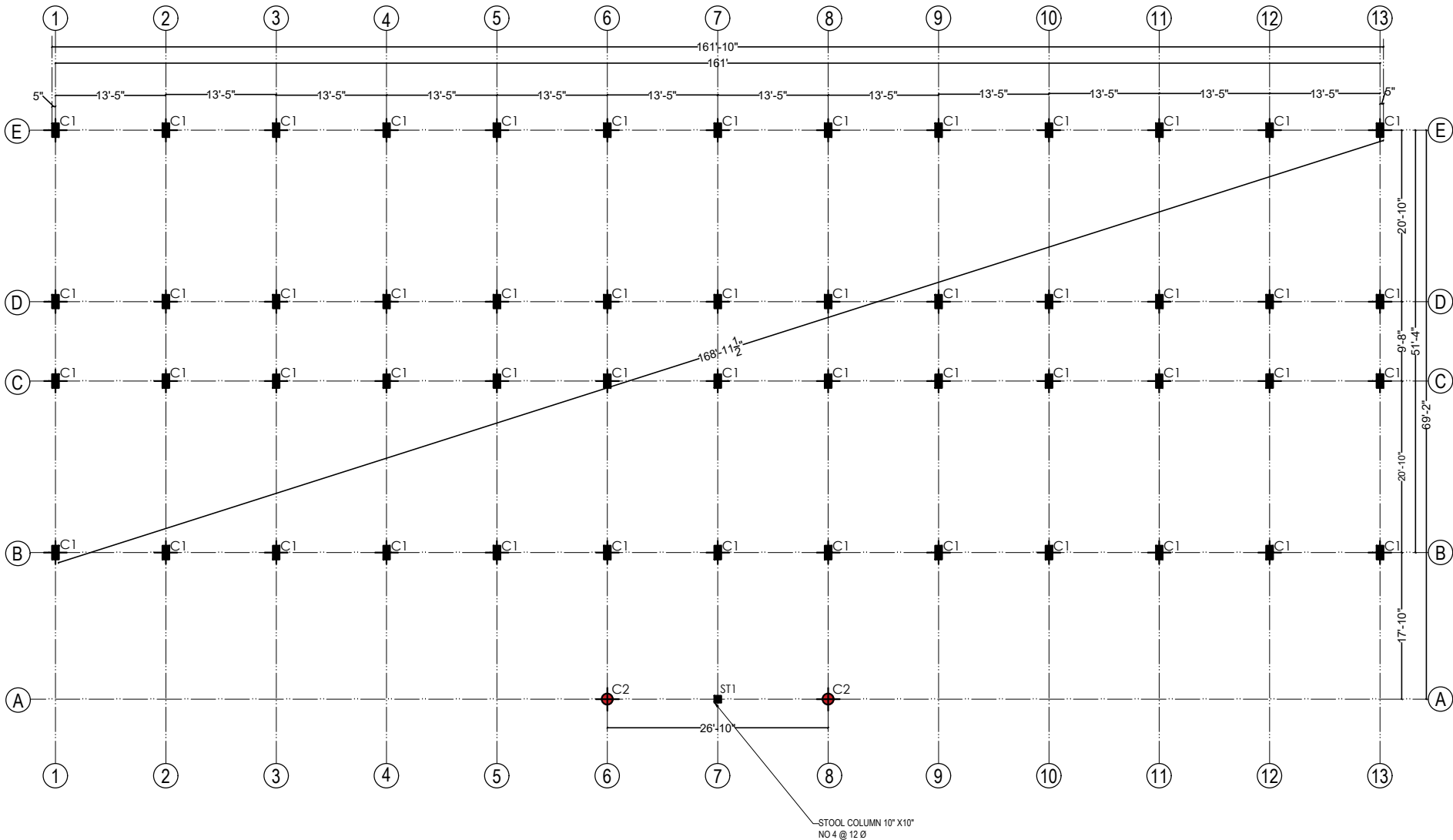
Consulting Architects:

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DRAWING STATUS	DATE
	31-03-2026

DRAWING NO.
LAT/SD/AR-04-R0

NOTES
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REV. NO	DATE:	DESCRIPTION

CLIENT
**PRINCIPAL D.A.V
LATHEHAR**

PROJECT :
School Design

DRAWING :
CENTER LINE PLAN

DRAWN BY: Sneh Prakash
CHECKED BY: Kumar Sundram

SCALE :- NTS

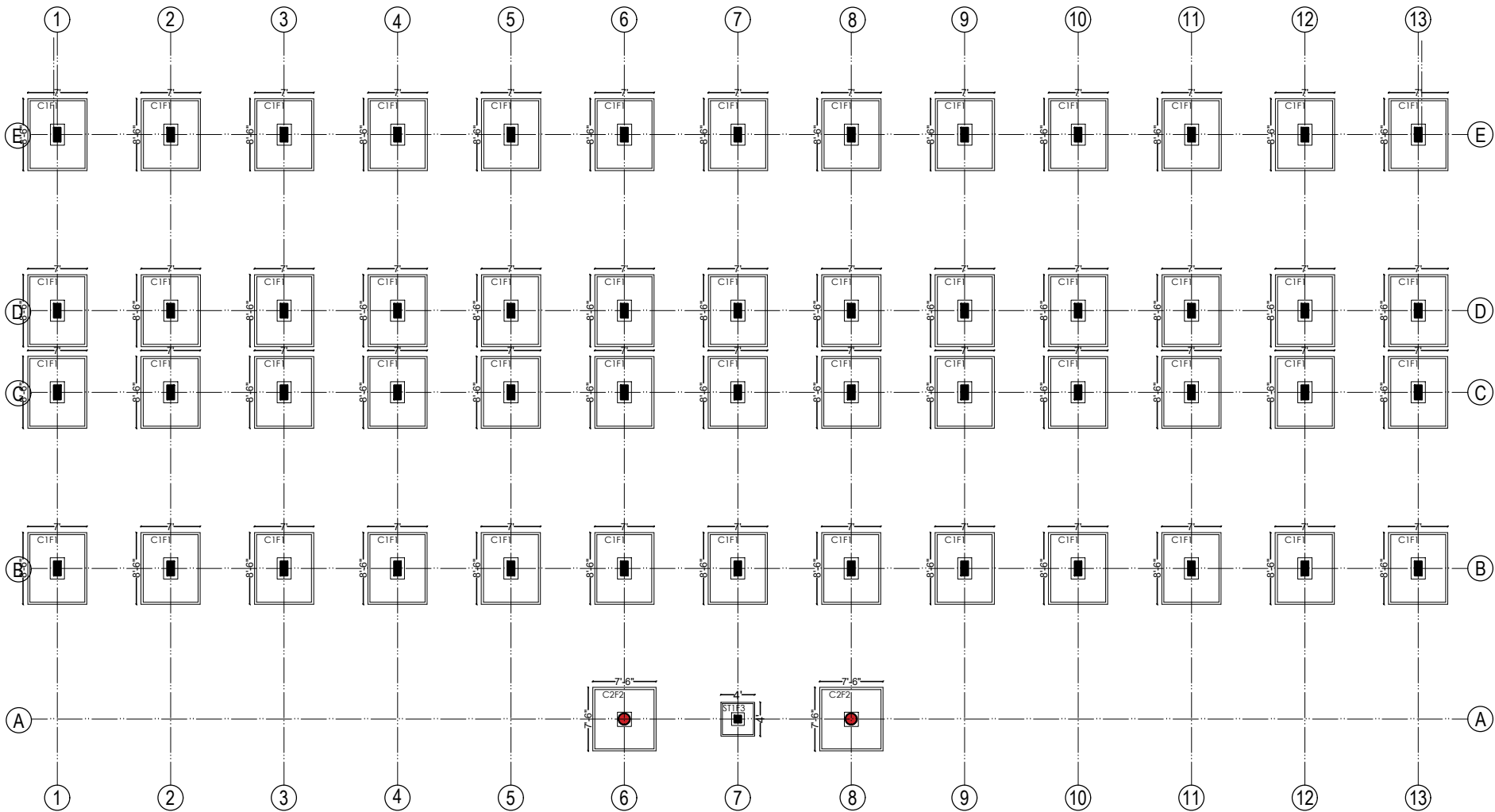
Implementing Agency:

Consulting Architects:
NIRMAAN
Architects & Designers
+91 6202651172 , +91 7004095733

DRAWING STATUS DATE
31-03-2026

DRAWING NO.
LAT/SD/ST-01-R0

NOTES
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REV. NO	DATE	DESCRIPTION

CLIENT
**PRINCIPAL D.A.V
LATHEHAR**

PROJECT :
School Design

DRAWING :
FOUNDATION PLAN

DRAWN BY: Sneh Prakash

CHECKED BY: Kumar Sundram

SCALE :- NTS

Implementing Agency:

Consulting Architects:
NIRMAAN
Architects & Designers
+91 6202651172 , +91 7004095733

DRAWING STATUS DATE
 31-03-2026

DRAWING NO.
LAT/SD/ST-01-R0

GENERAL NOTES :-

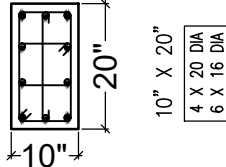
1. ALL DIMENSIONS ARE IN FEET-INCH UNLESS OTHERWISE STATED.
2. CLEAR COVER FOR-

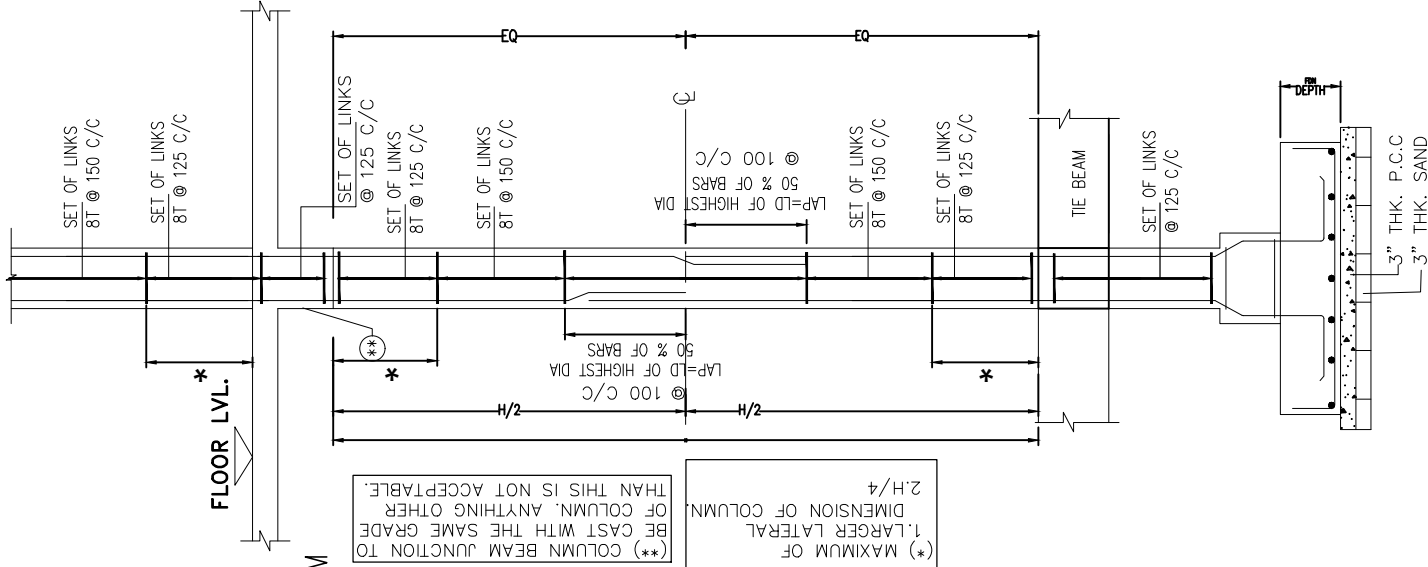
- a) FOUNDATION SLAB-50 mm. b) FOUNDATION BEAM -50 mm
c) COLUMN-40 M.M (TO EDGE OF STP.) d) FLOOR SLAB - 20 MM
d) FLOOR BEAM - 25 MM

3. GRADE OF STEEL SHALL BE Fe 500 AS PER IS: 1786:2008.
4. GRADE OF CONCRETE WILL BE M20 AS PER IS:456:2000.
5. P.C.C. UNDER FOUNDATION-(1:4:8) P.C.C. UNDER FLOOR-(1:3:6)
6. MINIMUM LAP LENGTH SHALL BE 50 TIMES OF DIA OF BAR & LAP SHALL BE SUITABLY STAGGERED.

7. ALL 'L' BENDS OF REINFORCEMENT ARE 300 mm (MIN.).

8. THIS DRAWING SHOULD BE READ ALONG WITH THE
CORRESPONDING ARCHITECTURAL DRAWING.

COLUMN SCHEDULE			
DETAIL OF RING	8#@100/150C/C (2 CLOSED RING +1 OPEN TIE)	8#@100/150C/C (3 CLOSED RINGS)	
ROOF			
TO			
FOUNDATION LEVEL			
COL. MKD.	C1	C2	
COLUMN TIES DETAIL AS SHOWN IN COLUMN SECTION			



THIS DETAIL SHOULD BE FOLLOWED FOR ALL COLUMN

NO LAP IS ALLOWED IN CONFINEMENT ZONE WHICH IS H/4.

TYP. SECTION THROUGH COLUMN

- NOTES
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 4. ALL OPENINGS DIMENSIONS SHOWN ARE STRUCTURAL. OPENINGS UNLESS NOTED OTHERWISE.

REV. NO	DATE:	DESCRIPTION

CLIENT
PRINCIPAL D.A.V
LATHEHAR

PROJECT :
School Design

DRAWING :
COLUMN DETAILS

DRAWN BY: Sneh Prakash

CHECKED BY: Kumar Sundram

SCALE :- NTS

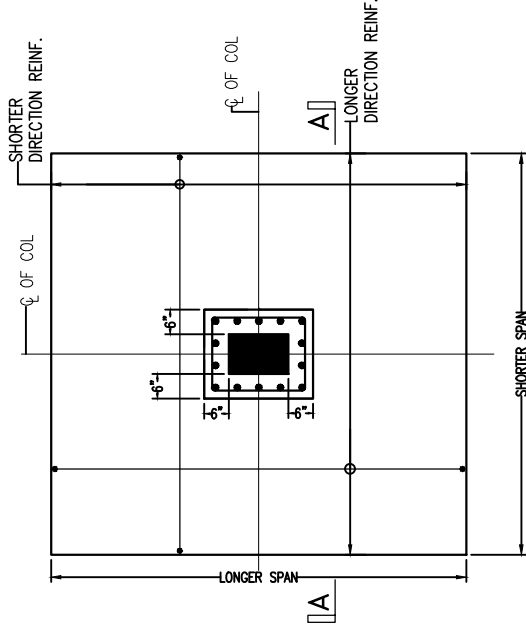
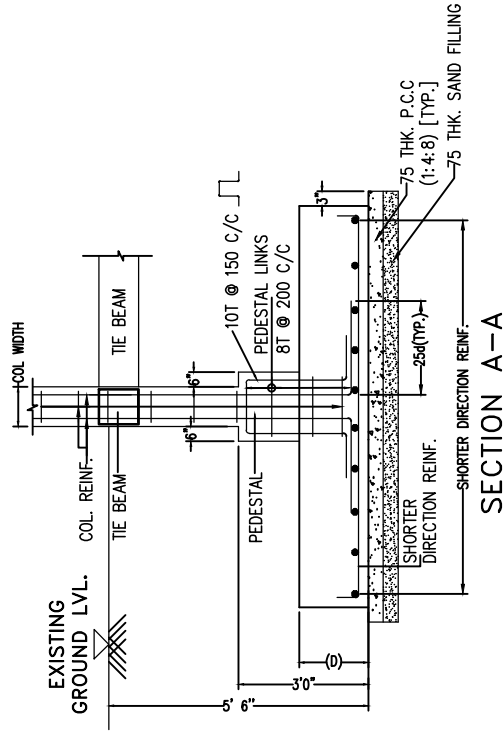
Implementing Agency:

Consulting Architects:

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DRAWING STATUS DATE
31-03-2026

DRAWING NO.
LAT/SD/ST-02-R0



TYPICAL DETAIL OF
ISOLATED FOOTING

SCHEDULE OF FOOTINGS

FOOTING MKD.	SIZE OF EXCAVATION		SIZE OF FOOTING		DEPTH	REINFORCEMENT	
	LENGTH	BREADTH	LENGTH	BREADTH		SHORTER DIRECTION	LONGER DIRECTION
F1	8'-6"	7'-0"	8'-0"	6'-6"	18"	12T @ 6" C/C (BTM.)	12T @ 6" C/C (BTM.)
F2	7'-6"	7'-6"	7'-0"	7'-0"	18"	12T @ 6" C/C (BTM.)	12T @ 6" C/C (BTM.)

GENERAL NOTES :-

- ALL DIMENSIONS ARE IN FEET-INCH UNLESS OTHERWISE STATED.
- CLEAR COVER FOR-
 - FOUNDATION SLAB-50 mm.
 - FOUNDATION BEAM -50 mm
 - COLUMN-40 M.M (TO EDGE OF STP.)
 - FLOOR SLAB - 20 MM
 - FLOOR BEAM - 25 MM
- GRADE OF STEEL SHALL BE Fe 500 AS PER IS: 1786:2008.
- GRADE OF CONCRETE WILL BE M20 AS PER IS:456:2000.
- P.C.C. UNDER FOUNDATION-(1:4:8) P.C.C. UNDER FLOOR-(1:3:6)
- MINIMUM LAP LENGTH SHALL BE 50 TIMES OF DIA OF BAR & LAP SHALL BE SUITABLY STAGGERED.
- ALL 'L' BENDS OF REINFORCEMENT ARE 300 mm (MIN.).
- THIS DRAWING SHOULD BE READ ALONG WITH THE CORRESPONDING ARCHITECTURAL DRAWING.

- NOTES
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REV. NO	DATE:	DESCRIPTION

CLIENT
PRINCIPAL D.A.V LATHEHAR

PROJECT :
School Design

DRAWING :
FOOTING DETAILS

DRAWN BY: Sneh Prakash
CHECKED BY: Kumar Sundram

SCALE :- NTS

Implementing Agency:

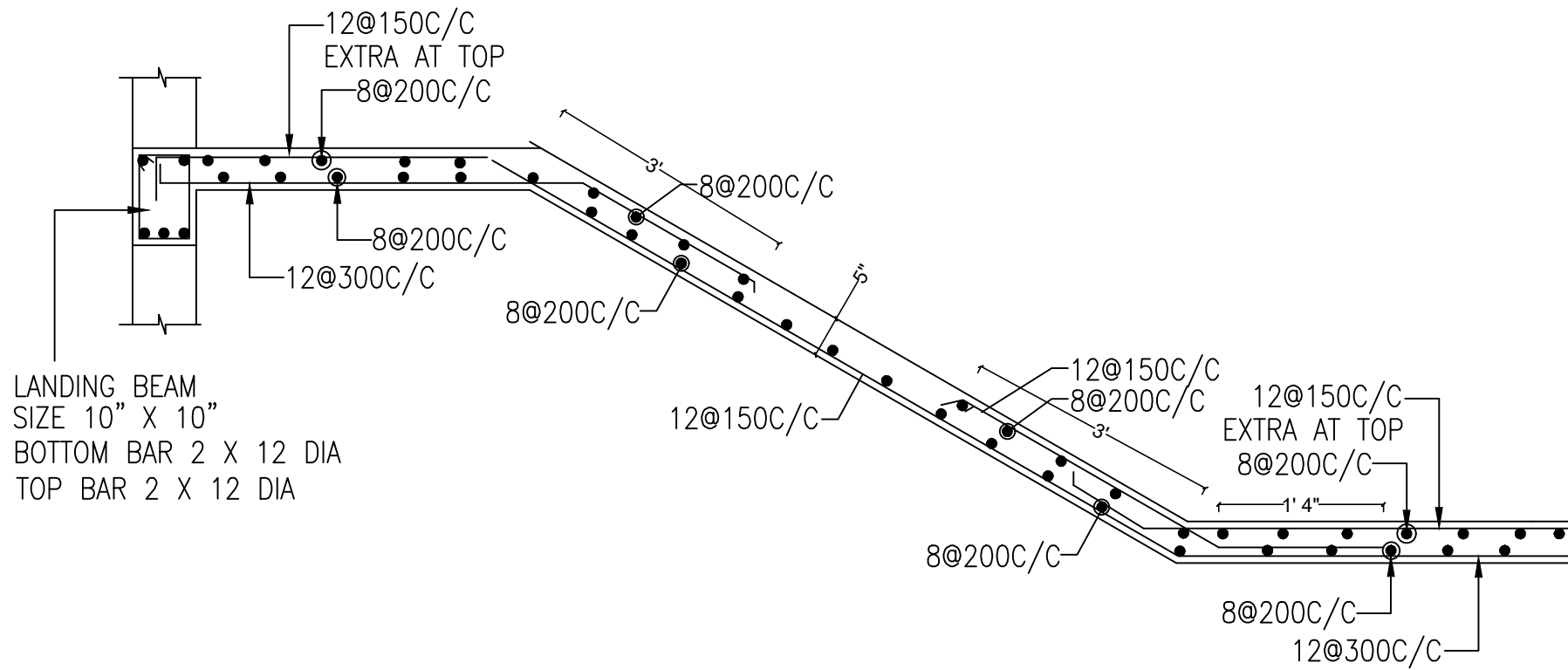
Consulting Architects:



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DRAWING STATUS	DATE
	31-03-2026

DRAWING NO. LAT/SD/ST-03-R0



TYPICAL STAIRCASE DETAIL

NOTES

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4. ALL OPENINGS DIMENSIONS SHOWN ARE STRUCTURAL OPENINGS UNLESS NOTED OTHERWISE.

REV. NO	DATE:	DESCRIPTION

CLIENT
**PRINCIPAL D.A.V
LATHEHAR**

PROJECT :
School Design

DRAWING :
STAIRCASE DETAIL

DRAWN BY: Sneh Prakash

CHECKED BY: Kumar Sundram

SCALE :- NTS

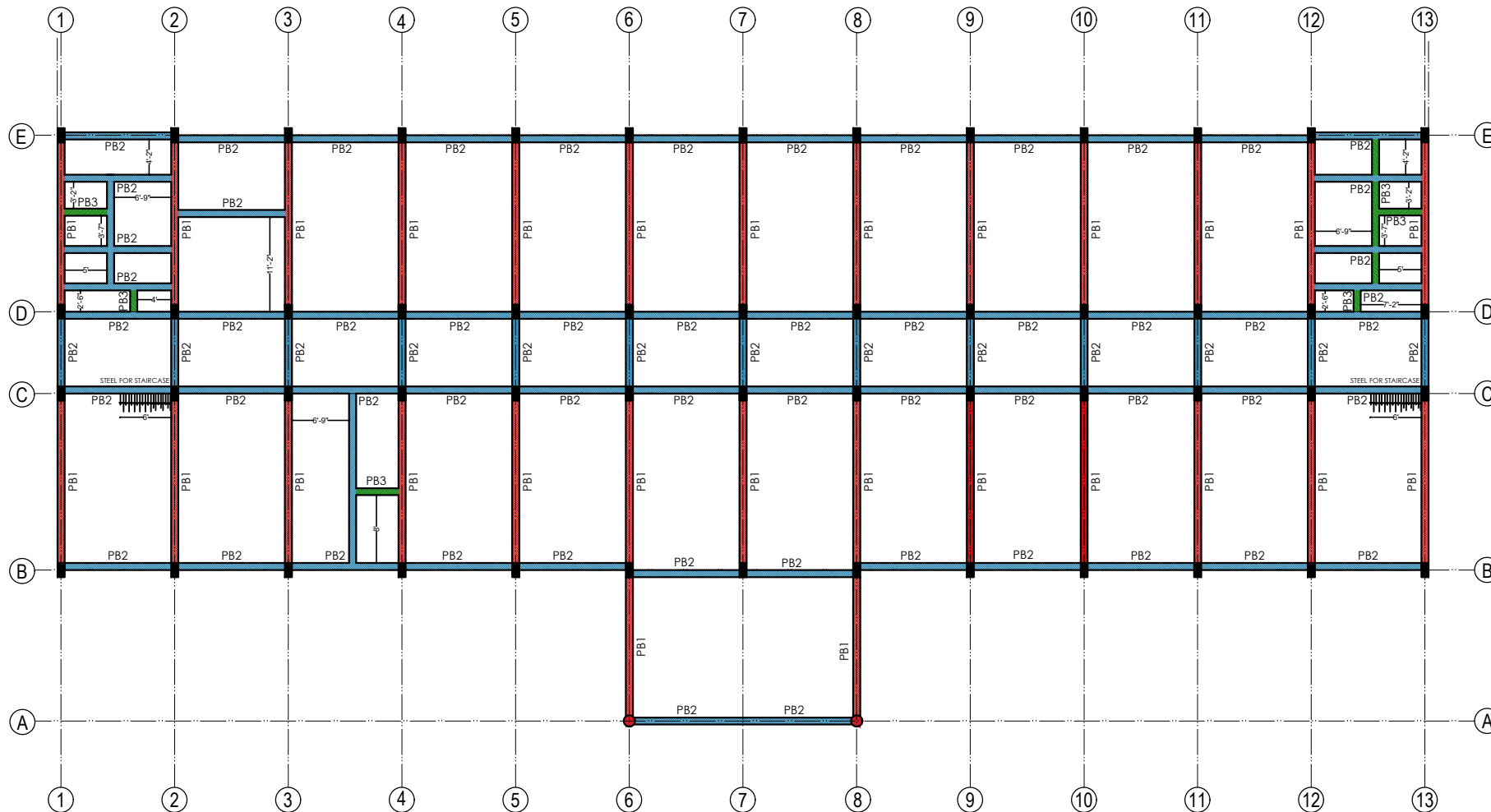
Implementing Agency:

Consulting Architects:

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Architects & Designers
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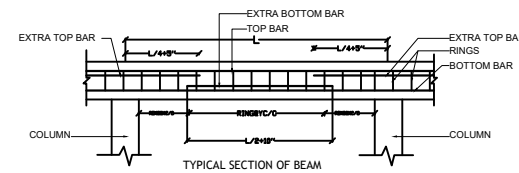
DRAWING STATUS	DATE
	31-03-2026

DRAWING NO.
LAT/SD/ST-04-R0



PLINTH BEAM CHART

	NAME	SECTION	BOTTOM BAR	TOP BAR	EXT.BOTTOM	EXT. TOP	RING
	PB1	10" X 18"	4 - 16 Ø	4 - 16 Ø	---	---	8Ø @ 5 + 6" C/C
	PB2	10" X 12"	2 - 16 Ø	2 - 16 Ø	---	---	8Ø @ 6" C/C
	PB3	10" X 12"	3 - 12 Ø	3 - 12 Ø	---	---	8Ø @ 6" C/C



NOTES:-

1. All dimensions are in feet & inches, unless other wise specified.
2. Only written dimensions are to be followed.
3. Use concrete mix M-20(1:1.5:3) for all R.C.C. work conforming to IS:-456-2000.
4. All concrete shall be machine mixed and machine vibrated.
5. Reinforcement bars shall be of grade Fe-500 conforming to IS 1786-2008.
6. Clear cover to all reinforcement shall be 40 mm for column & 50 mm for foundation.
7. Structure has been designed for G+4 storeyed only.

- NOTES**
1. DO NOT SCALE FROM THIS DRAWING FOLLOW ONLY WRITTEN DIMENSIONS.
 2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH RELEVANT ARCHITECTURAL, STRUCTURAL, M.E & P DRAWINGS AND SPECIFICATIONS. CONTRACTOR SHALL CO-ORDINATE THESE DRAWINGS AND REPORT ANY DISCREPANCY FOR CLARIFICATION BEFORE PROCEEDING WITH WORKS.
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REV. NO	DATE	DESCRIPTION

CLIENT
**PRINCIPAL D.A.V
LATHEHAR**

PROJECT :
School Design

DRAWING :
PLINTH BEAM PLAN

DRAWN BY: Sneh Prakash

CHECKED BY: Kumar Sundram

SCALE :- NTS

Implementing Agency:

Consulting Architects:

NIRMAAN
Architects & Designers
+91 6202651172 , +91 7004095733

DRAWING STATUS DATE
31-03-2026

DRAWING NO.
LAT/SD/ST-05-R0

NOTES:
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REV. NO	DATE:	DESCRIPTION

CLIENT
**PRINCIPAL D.A.V
LATHEHAR**

PROJECT :
School Design

DRAWING :
**GROUND FLOOR
SLAB AND BEAM PLAN**

DRAWN BY: Sneh Prakash

CHECKED BY: Kumar Sundram

SCALE :- NTS

Implementing Agency:

Consulting Architects:

NIRMAAN
Architects & Designers
+91 6202651172 , +91 7004095733

DRAWING STATUS DATE
 31-03-2026

DRAWING NO.
LAT/SD/ST-06-R0

ALL FLOORS SLAB AND BEAM CHART

	NAME	SECTION	BOTTOM BAR	TOP BAR	EXT.BOTTOM	EXT. TOP	RING
	SB1	10" X 18"	2 - 20 Ø 1 - 16 Ø	2 - 20 Ø 1 - 16 Ø	---	---	8Ø @ 5" + 6" C/C
	SB2	10" X 18"	3 - 16 Ø	3 - 16 Ø	---	---	8Ø @ 5" + 6" C/C

SLAB CHART

S.N.	THICKNESS	MAIN BAR	CROSS BAR	EXT. MAIN	EXT. CROSS	NATURE OF SLAB
S1	5"	10mm dia @ 5"C/C	10mm dia @ 5"C/C	-----	-----	TWO WAY SLAB CRANK @ L/4
S2	5"	10mm dia @ 5"C/C	10 mm dia @ 6"C/C	-----	-----	DOUBLE JAALI

NOTES:-

- All dimensions are in feet & inches, unless other wise specified.
- Only written dimensions are to be followed.
- Use concrete mix **M-20(1:1.5:3)** for all R.C.C. work conforming to IS:-456-2000.
- All concrete shall be machine mixed and machine vibrated.
- Reinforcement bars shall be of grade Fe-500 conforming to IS 1786-2008.
- Clear cover to all reinforcement shall be **40 mm** for column & **50 mm** for foundation.
- Structure has been designed for **G+4** storeyed only.

NOTES
1. DO NOT SCALE FROM THIS DRAWING; FOLLOW ONLY WRITTEN DIMENSIONS.
2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH RELEVANT ARCHITECTURAL, STRUCTURAL, ME & P DRAWINGS AND SPECIFICATIONS. CONTRACTOR SHALL CO-ORDINATE THESE DRAWINGS AND REPORT ANY DISCREPANCY FOR CLARIFICATION BEFORE PROCEEDING WITH WORKS.
3. LEVELS MENTIONED FOR LEVELS AT DOOR AND OPENINGS ARE FROM FINISHED FLOOR LEVEL.
4. ALL OPENINGS DIMENSIONS SHOWN ARE STRUCTURAL OPENINGS UNLESS NOTED OTHERWISE.

REV. NO	DATE:	DESCRIPTION

CLIENT
**PRINCIPAL D.A.V
LATHEHAR**

PROJECT :
School Design

DRAWING :
**FIRST & SECOND FLOOR
SLAB AND BEAM PLAN**

DRAWN BY: Sneh Prakash

CHECKED BY: Kumar Sundram

SCALE :- NTS

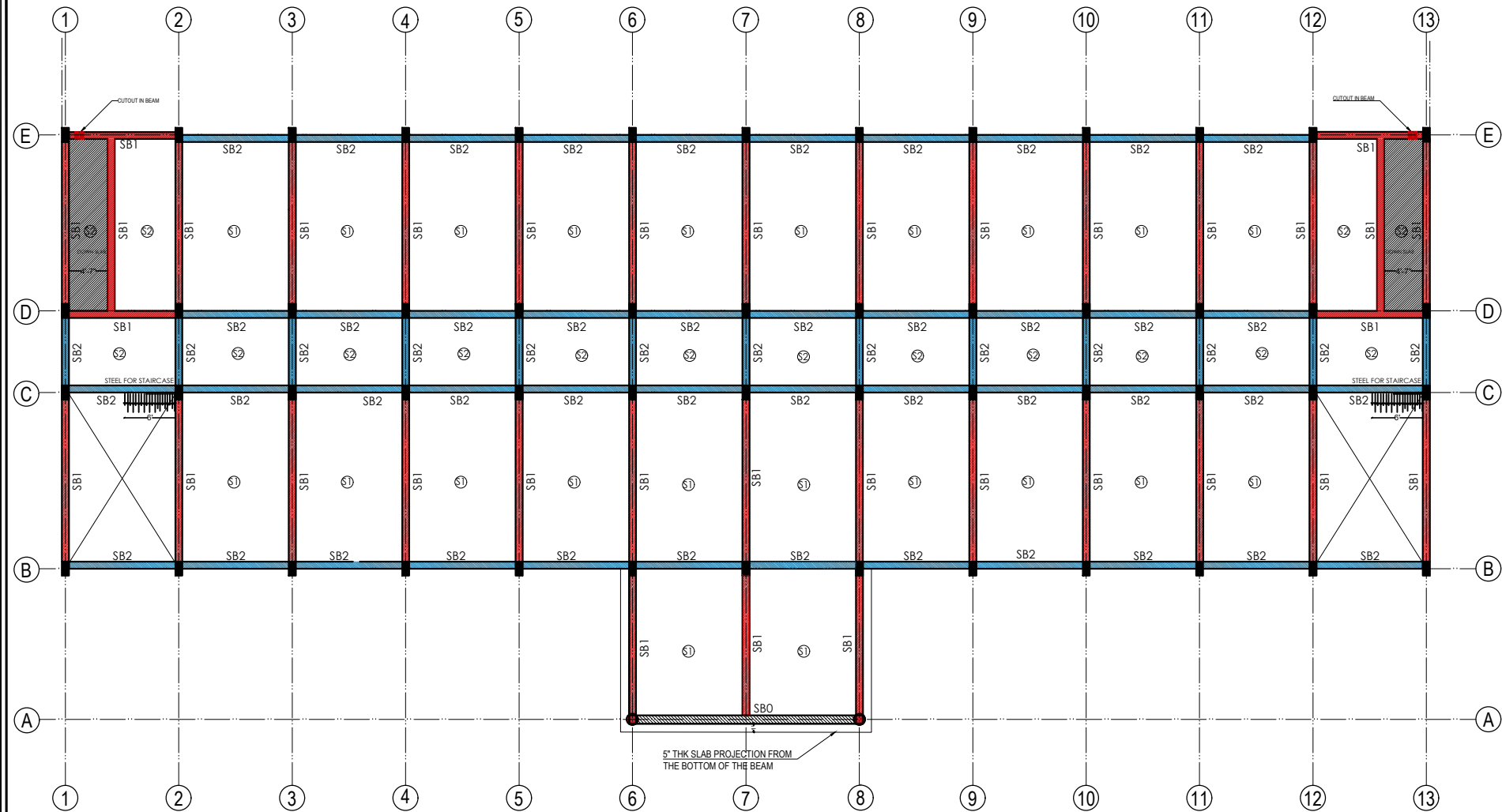
Implementing Agency:

Consulting Architects:

NIRMAAN
Architects & Designers
+91 6202651172 , +91 7004095733

DRAWING STATUS DATE
31-03-2026

DRAWING NO.
LAT/SD/ST-07-R0



ALL FLOORS SLAB AND BEAM CHART

	NAME	SECTION	BOTTOM BAR	TOP BAR	EXT. BOTTOM	EXT. TOP	RING
	SB0	12" X 21"	3 - 20 Ø	3 - 20 Ø	2 - 16 Ø	2 - 16 Ø	8Ø @ 5" + 6" C/C
	SB1	10" X 18"	2 - 20 Ø 1 - 16 Ø	2 - 20 Ø 1 - 16 Ø	---	---	8Ø @ 5" + 6" C/C
	SB2	10" X 18"	3 - 16 Ø	3 - 16 Ø	---	---	8Ø @ 5" + 6" C/C

SLAB CHART

S.N.	THICKNESS	MAIN BAR	CROSS BAR	EXT. MAIN	EXT. CROSS	NATURE OF SLAB
S1	5"	10mm dia @ 5"C/C	10mm dia @ 5"C/C	-----	-----	TWO WAY SLAB CRANK @ L/4
S2	5"	10mm dia @ 5"C/C	10 mm dia @ 6"C/C	-----	-----	DOUBLE JAALI

NOTES:-

- All dimensions are in feet & inches, unless other wise specified.
- Only written dimensions are to be followed.
- Use concrete mix M-20(1:1.5:3) for all R.C.C. work conforming to IS-456-2000.
- All concrete shall be machine mixed and machine vibrated.
- Reinforcement bars shall be of grade Fe-500 conforming to IS 1786-2008.
- Clear cover to all reinforcement shall be 40 mm for column & 50 mm for foundation.
- Structure has been designed for G+4 storeyed only.

NOTES

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REV. NO	DATE:	DESCRIPTION

CLIENT
**PRINCIPAL D.A.V
LATHEHAR**

PROJECT :
School Design

DRAWING :
**GROUND FLOOR
BRICK WORK PLAN**

DRAWN BY: Sneh Prakash

CHECKED BY: Kumar Sundram

SCALE :- NTS

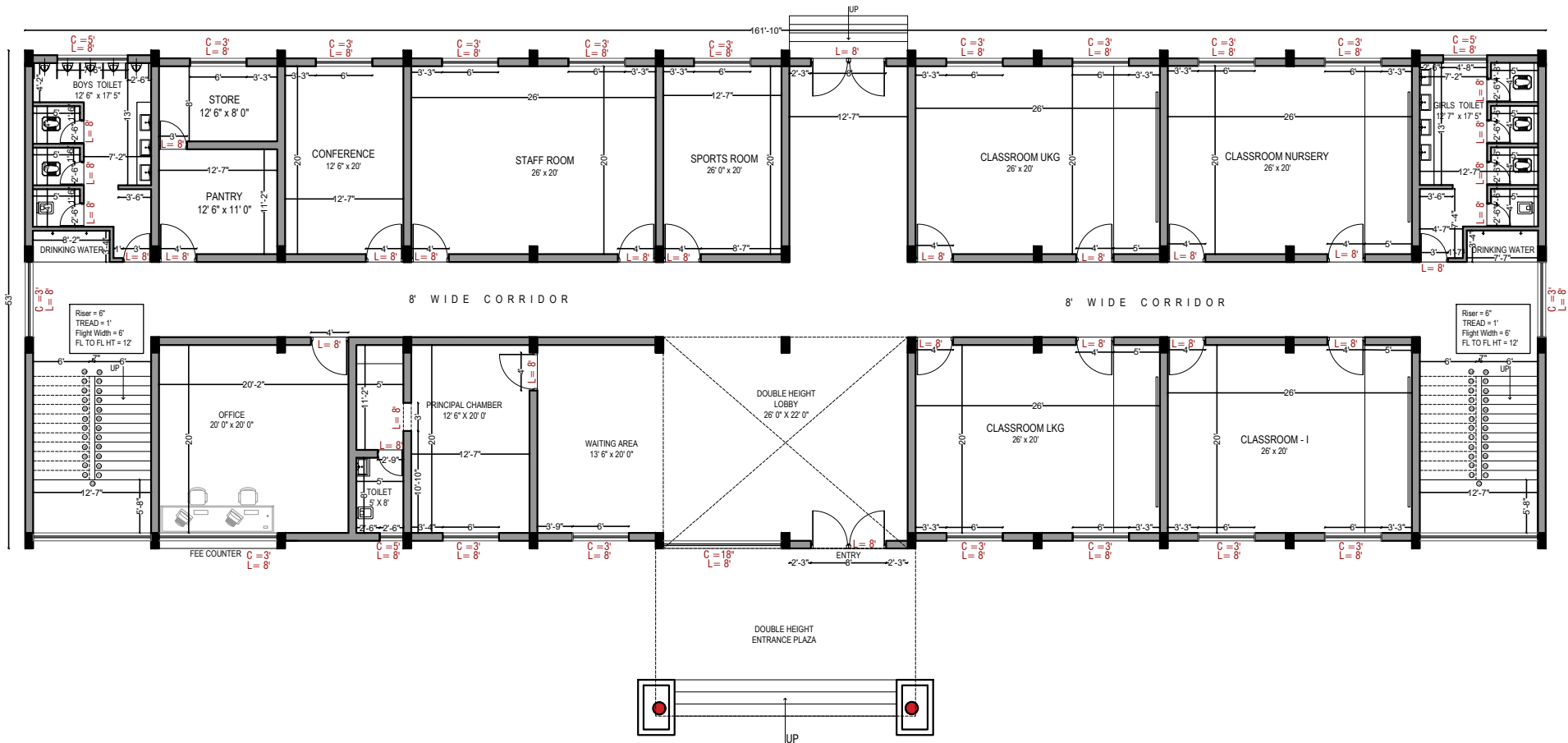
Implementing Agency:

Consulting Architects:

NIRMAAN
Architects & Designers
+91 6202651172 , +91 7004095733

DRAWING STATUS	DATE 31-03-2026
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DRAWING NO. LAT/SD/WD-01-R0



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REV. NO	DATE:	DESCRIPTION

CLIENT
**PRINCIPAL D.A.V
LATHEHAR**

PROJECT :
School Design

DRAWING :
**FIRST FLOOR
BRICK WORK PLAN**

DRAWN BY: Sneh Prakash

CHECKED BY: Kumar Sundram

SCALE :- NTS

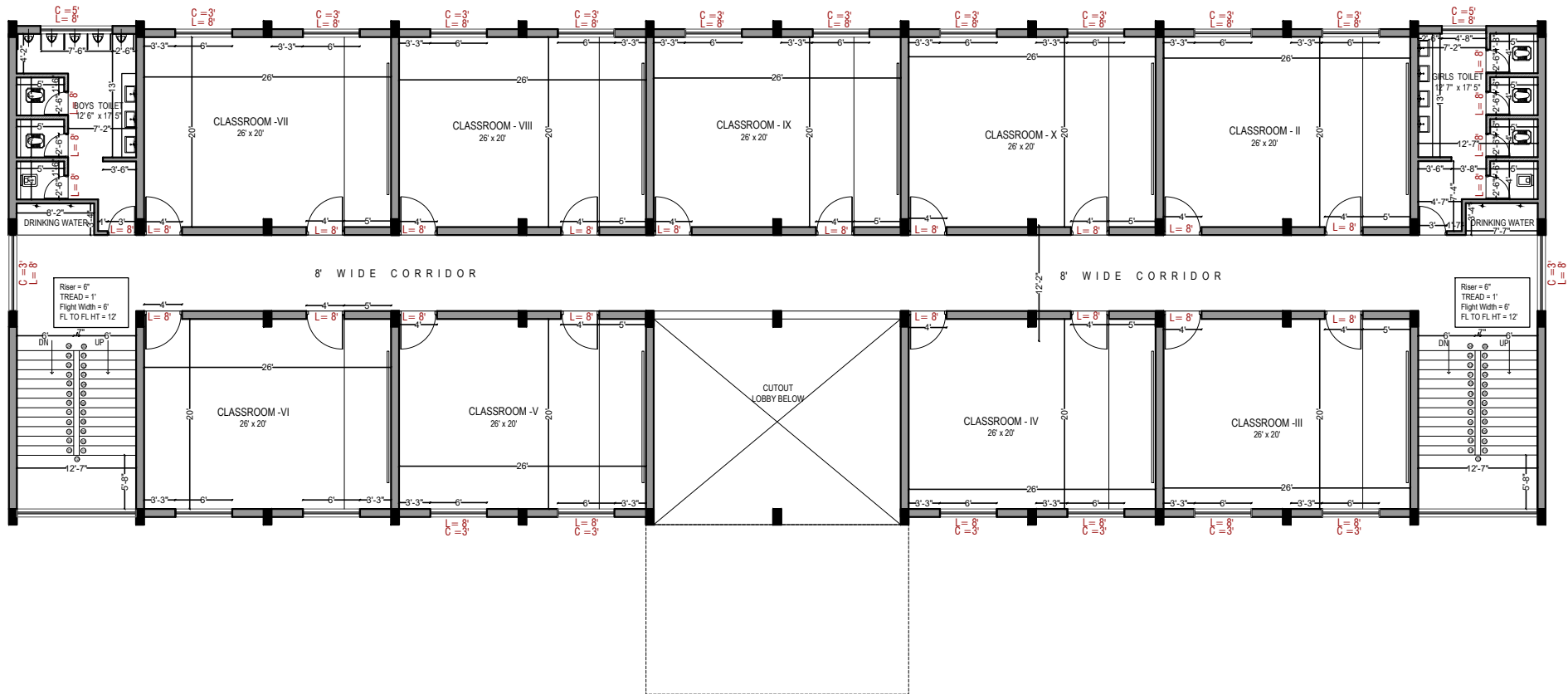
Implementing Agency:

Consulting Architects:

IRMAAN
Architects & Designers
+91 6202651172 , +91 7004095733

DRAWING STATUS DATE
31-03-2026

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REV. NO	DATE:	DESCRIPTION

CLIENT
**PRINCIPAL D.A.V
LATHEHAR**

PROJECT :
School Design

DRAWING :
**SECOND FLOOR
BRICK WORK PLAN**

DRAWN BY: Sneh Prakash

CHECKED BY: Kumar Sundram

SCALE :- NTS

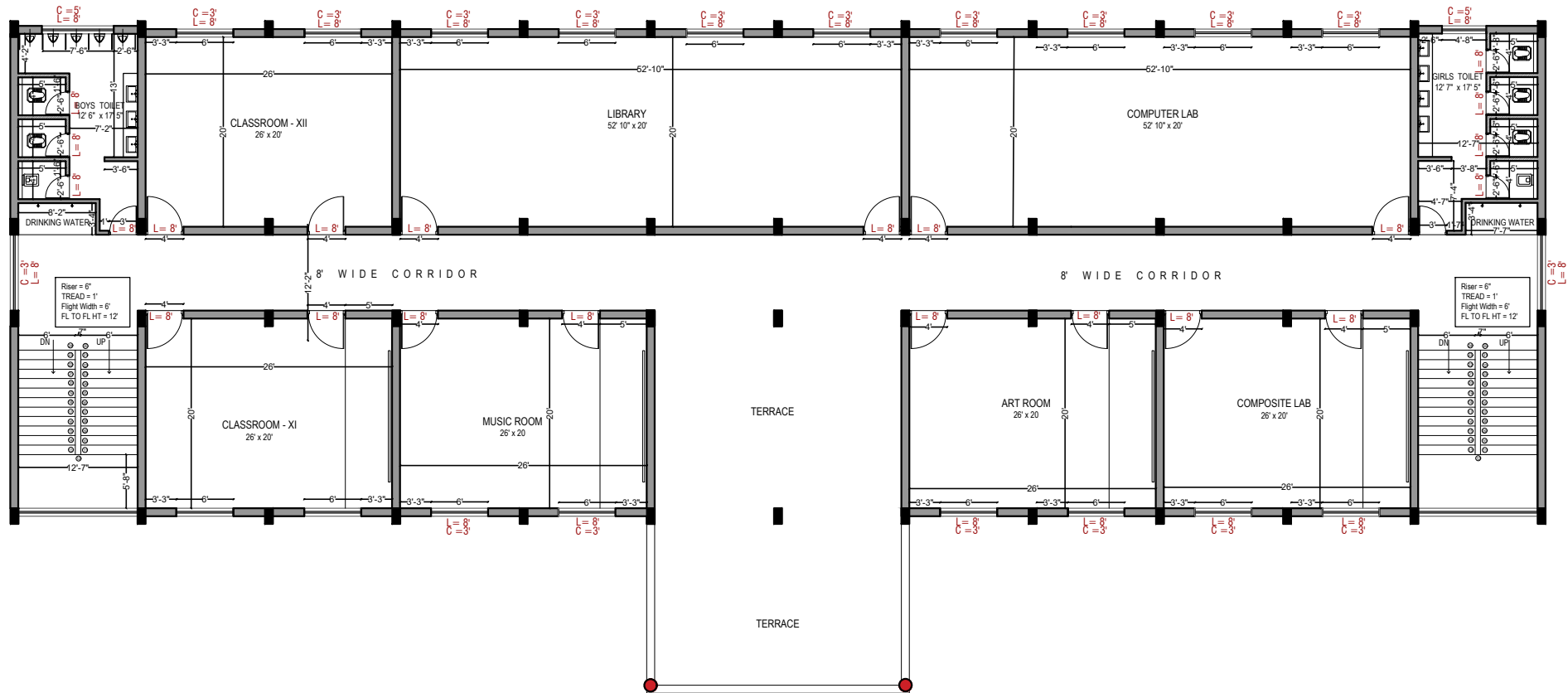
Implementing Agency:

Consulting Architects:

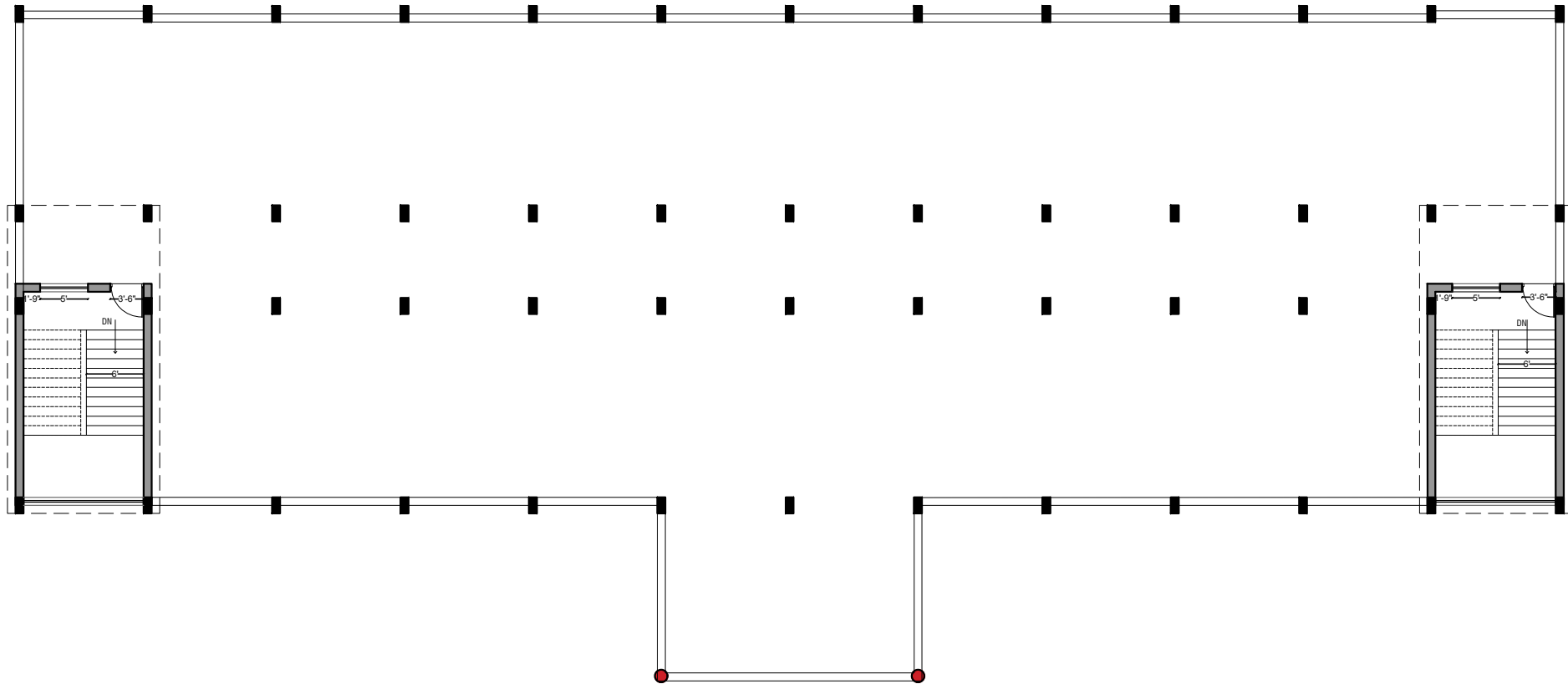
IRMAAN
Architects & Designers
+91 6202651172 , +91 7004095733

DRAWING STATUS DATE

DRAWING NO.
LAT/SD/WD-03-R0



NOTES:
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REV. NO	DATE:	DESCRIPTION

CLIENT
**PRINCIPAL D.A.V
LATHEHAR**

PROJECT :
School Design

DRAWING :
TERRACE PLAN

DRAWN BY: Sneh Prakash

CHECKED BY: Kumar Sundram

SCALE :- NTS

Implementing Agency:

Consulting Architects:
NIRMAAN
Architects & Designers
+91 6202651172 , +91 7004095733

DRAWING STATUS DATE
31-03-2026

DRAWING NO.
LAT/SD/WD-04-R0