

DAV PUBLIC SCHOOL,
JAIPUR TOWN, JAIPUR

Tender Document

For

“Construction of School Building”

Tender notice no : DAVJT/103/2021

NOTICE INVITING TENDER

No. 103/2021

Date:2nd November 2021

Sealed Tenders are invited from the registered and eligible Civil Contractors having an annual turnover of Twenty lacs or more each from construction works during last three financial years for Construction of School Building at the site of DAV PUBLIC SCHOOL, JAJAPUR TOWN, JAJPUR. The Civil Contractors intending to apply must be holding valid Labour License under contract labour Act and Contractor License issued by competent authority of Govt. and must be registered with GST and PAN

Tender document can be downloaded from the website www.dsbm8.org Tender shall be accompanied by a non-refundable tender fee of Rs 1000/- (Rupees one thousand only) to be paid through a demand draft drawn on any nationalized/scheduled bank in India in favor of **MANAGER, DAV PUBLIC SCHOOL, JAJPUR TOWN, JAJPUR.**

Publication of tender	2 nd November 2021
Cost of tender document	Rs 1000/-
Last date of issue of tender paper	11 th November 2021 upto 04:00 Pm
Last date of submission of tender	12 th November 2021 upto 11:00 Am
Date & time of tender opening	12 th November 2021 at 03:00 Pm
Earnest money deposit (EMD)	Rs 20,000/-
Bids shall be addressed & Sent to	MANAGER, DAV PUBLIC SCHOOL JAJPUR TOWN, JAJPUR , at- DAV School of Business Management, Unit-VIII, Bhubaneswar



MANAGER

DAV PUBLIC SCHOOL, JAJPUR TOWN, JAJPUR

**QUOTATION CALL NOTICE FROM CIVIL LABOUR CONTRACTORS
FOR SCHOOL BUILDING (G+2) OF DAV PUBLIC SCHOOL
JAJPUR TOWN, JAJPUR**

The project is a framed reinforced concrete building (G+2) with a total area of about 36000Sqft approximate for which the tender is called for. All materials such as sand, cement, water, electricity, reinforcement with binding wire, 1 ½" granite metal, ½" & ¾" granite chips will be supplied by the school. All other things necessary will be supplied by the contractor, such as concrete mixer, needle vibrator, plate vibrator, centering plywood materials, polyethene sheets, scaffolding materials etc. The Odisha detailed standard specification will be followed where our specification is silent. **In case of dispute on work, the decision of the Chairman of the school will be final.** The following items of work are to be executed. The tenderer should enclose the valid labour license order from the appropriate authority.

1. Excavation of Earthwork for foundation & plinth - we expect at some places laterite stone / hard moorum / hard soil may be found. The excavation depth will 8'0" below the NGL and as well as per the drawing and design mentioned in Annexure 5.

2. Reinforced cement concrete in columns with its base slab, pedestals, footing, tie beams, roof slab with beams on ground floor and similar column in First Floor with their roof & beams are included. Casting of staircase / lintels / roof slabs / lofts / wardrobes and chajjas for all floors are also included. Fixing of square M.S. bars in staircase and casting of railing is also included if required. All concrete work is to be machine mixed, vibrated by needle and plate vibrators. The concrete work is of 1:1½ :3 proportion. This includes all centering materials as per our design, requirement & fixing. The vertical shuttering is to be striked off on next day & horizontal centering to be striked off after 3 weeks. After removal of the shuttering any extra bulging in concrete work is to be chipped off to make it to the plumb.

3 Necessary Brick work in Foundation / Plinth / Super Structure are in C.M. 1:6 proportion for 10" and above thickness and C.M. 1:4 for 5" thickness wall. The bricks to be used should be thoroughly immersed in water before use. Every day's work is to be cleaned with broom so that the frogs are cleaned from C.M. and the vertical and horizontal joints are to be grooved with straight edge. Before starting of works empty cement bags are to be put on both sides of work for collection of excess cement mortar. The excess mortar collected at the end of work are to be used every hour.

4. The plinth filling is to be made with sand and consolidated with crow bar with sufficient watering to effect minimum volume stage of the sand.
5. In the floor extra sand to be removed to level the surface to receive 0'- 3" metal concreting with 1:3:6 with 1½" H.G. Metal so that the surface of the concrete to be laid by the contractor will be at the same level as Tie Beam top.
6. The fixing of Door chowkhaths with both 6 no'sof clamps on door chowkaths. The backsides of chowkaths are to be coal tarred with 2 coats of coal tar.
7. Fixing of grills on the verandahs and in window openings wherever Aluminum windows are to be fixed is also included with smooth finishing.
8. Fixing of M.S. glass frames and ventilators in walls wherever decided is also included, with smooth finishing.
9. This work includes ½" – ¾" thick cement plastering both on outside and inside to the lines and plumb with clear edges in C.M. 1:6 proportion. All the concrete surface to be chipped before so that the plaster can stick to it well. The roof ceiling and chajjas are to be chipped and to be finished with plastering in C.M 1:4 with making of bita under Chajjas.
10. The plastic pipes on roof slab for electrical wiring are to be fixed by the party entrusted with the work as per our design with drop out boxes before concreting.
11. The headroom of the staircase will be treated as part of the last floor and no additional payment will be allowed for this work.

12. Grading of the roof , parapet wall of the height of 2'-6" and its plastering will be treated as included in the work of the last floor and no separate payment is permissible for the said work.
13. Steps are deemed to be included in GF and no separate payment for such work is permissible. Similarly site clearance including removal of all debris is also deemed to be included.
14. Drawings & noting are available in the office which gives the dimensions for the work. For each floor the quantity can be calculated to arrive at suitable rate. The Contractor must follow the drawing & design in order to execute the work. If any doubt arises, he/she must discuss with the site-in-charge or competent authority. For dimension details follow the drawing design of Annexure no 3,4 & 5. Annexure 1 & 2 only shows the shape of the building with its elevations.
15. The school authorities reserve the right to stop construction of the entire building or a portion thereof in which event the party will be paid only for that portion of work which is executed by him.
16. No extra payment will be made for any construction of partition work or shelves / racks. For any other queries regarding the tender form, drawing, design plan details ,Contact = Pari Prakash Das (7008053514)

The tender papers which cost Rs.1000/-(Non-refundable) are available from the website www.dsbm8.org from 2/11/2021. to 11/11/2021 The tender fees & EMD amount must be submitted in the form of Demand Draft which must be inside the envelope with heading **“LABOUR CHARGES FORCONSTRUCTION OF G+2 SCHOOL BUILDING”** during the submission of quotation The civil labour contractors or job workers who are finding eligible for this work may submit their quotation in the office of the **“MANAGER , DAV PUBLIC SCHOOL, Jajpur Town”**at **DAV SCHOOL OF BUSINESS MANAGEMENT,NAYAPALLI, BHUBANESWAR** within the stipulated time as mentioned in Notice. The bidders are required to furnish the name of works done during the last five years and their value along with the tender to convince the school authority about their credibility and Completion Certificate of Projects undertaken by you of last 3 years.

The bidder is to submit earnest money of **Rs.20, 000/-(Rupee Twenty Thousand) only** along with the tender in shape of D.D. drawn in favour of **MANAGER,DAVPublic School, JAJPUR TOWN, JAJPUR**. The earnest money will be refunded to the unsuccessful bidder within a fortnight without any interest. The successful bidder will enter into an agreement with the school for timely completion of the work.

From every bill ,5% security money will be deducted which will be returned after 06 months from the date of completion of the work. Income Tax of 2 % will be deducted from each bill.

This tender is floated on total area basis for each floor. The bidders are to quote for core house concept. The quotations will be:

- a. Rate of construction for Ground Floor for about 12,352.19Sq.ft. of Plinth area.
- b. Rate of construction for First Floor for about 11885.55 Sq.ft. of Plinth area.
- c. Rate of construction for Second Floor for about 11885.55 Sqft of Plinth area.

The payment schedule will be as per below:

For Ground Floor:

- | | | | |
|----|------------------------------------|---|-----|
| 1. | After completion upto Plinth | - | 30% |
| 2. | After completion upto Lintel Level | - | 10% |
| 3. | After completion of Roof | - | 40% |
| 4. | After completion of total Work | - | 20% |

For First Floor

- | | | | |
|----|-------------------------------------|---|-----|
| 1. | After completion up to Lintel Level | - | 30% |
| 2. | After completion of roof | - | 50% |
| 3. | After completion of total work | - | 20% |

For Second Floor

- | | | | |
|----|-------------------------------------|---|-----|
| 1. | After completion up to Lintel Level | - | 30% |
| 2. | After completion of roof | - | 50% |
| 3. | After completion of total work | - | 20% |

The bidders also can suggest the payment schedule in plane paper both in figure and words. In case of dispute or variation the rates quoted in words will be final. **The time of completion is 08 months from the date of signing the Agreement.**

If due to reason beyond the School's control, there is delay in completion of the work in time, extension will be allowed. If due to some reason the tenderer does not complete the work in time, he is to pay Rs.1000/- per day compensation to the school.


MANAGER

DAV PUBLIC SCHOOL, JAJPUR TOWN, JAJPUR

DATE-

QUOTATION FORM FOR CIVIL LABOUR CONTRACTORS

Name of the labour Contractor –

Complete Address with Phone No –

1. Valid Labour License No-
2. .PAN No-
- 3 GST No-
4. Aadhar No-

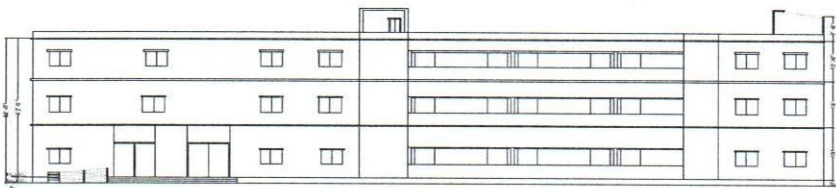
Sl No	Description	Area	Rate per Sqft.
1	Construction of Ground Floor (Including item of works i. e. works below ground level (excavation, sand filing ,PCC, RCC) .mentioned in design plan with roof and Superstructure work, Plastering, PCC at Plinth beam level	12,352.19 Sqft	Rs-
2	Construction of First Floor including items of work in design plan & quotation, Super Structure Work, Roof, Plastering	11885.55 Sqft	Rs-
3	Construction of Second Floor including items of work in design , Super Structure Work, Roof, Parappet wall, grading wall with complete Plastering	11885.55 Sqft	Rs-

(Please enclose successful work completion certificate for last 5 years)

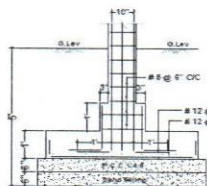
Above rates are inclusive of GST 18% and all other taxes.

Signature of the Labour Contractor

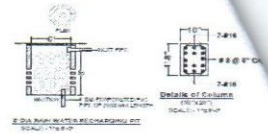
Full Address with Phone No-



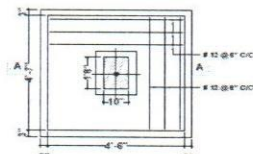
FRONT ELEVATION



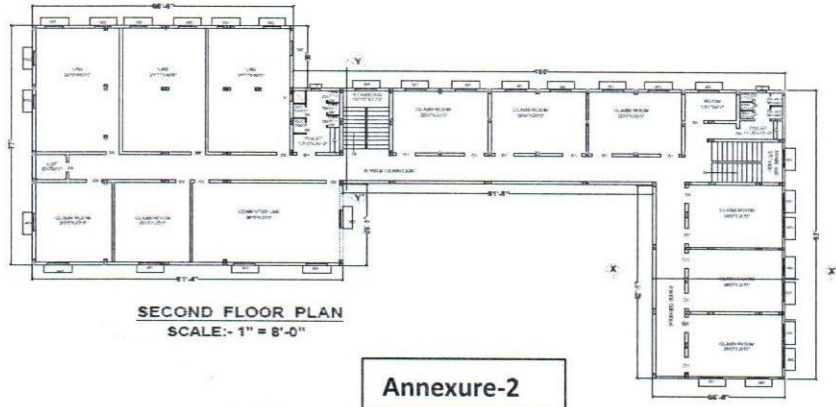
SECTION A-A
SCALE:- 1"=8'-0"



Detail of Column
SCALE:- 1"=8'-0"

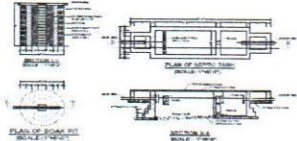


PLAN OF COLUMN FOOTING
SCALE:- 1"=8'-0"

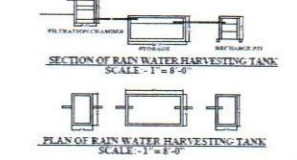


SECOND FLOOR PLAN
SCALE:- 1"=8'-0"

Annexure-2



SECTION OF RAIN WATER HARVESTING TANK
SCALE:- 1"=8'-0"

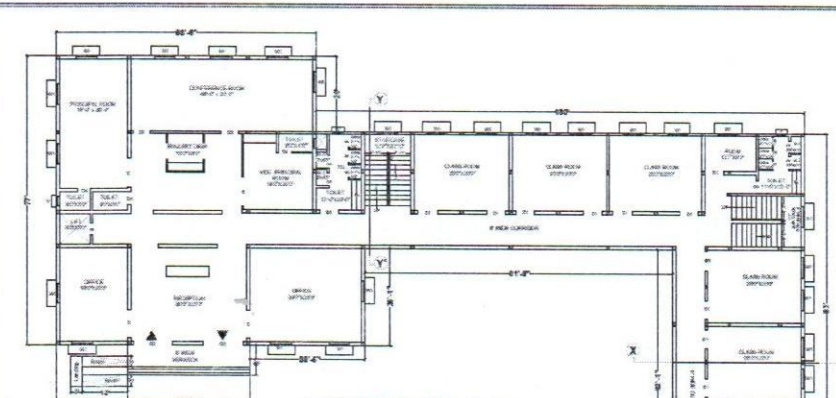


PLAN OF RAIN WATER HARVESTING TANK
SCALE:- 1"=8'-0"

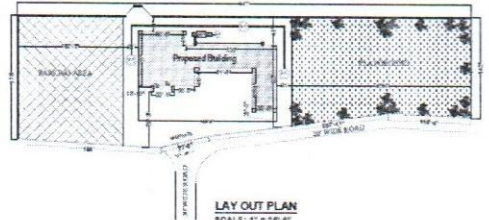
AREA STATEMENTS	
TOTAL PLOT AREA	2812.30 SQ.FT.
PROPOSED GROUND FLOOR AREA	1280.35 SQ.FT.
PROPOSED FIRST FLOOR AREA	1176.45 SQ.FT.
PROPOSED SEC. FLOOR AREA	1176.45 SQ.FT.
TOTAL BUILT-UP AREA	3633.25 SQ.FT.
PARKING AREA	2775.41 SQ.FT.
PLAY GROUND AREA	5.41 SQ.FT.
COVERAGE	14.3%
REMARKS	WELL CLUM.

SCHEDULES OF DOORS AND WINDOWS					
S.L. NO	INDEX	WIDTH	HEIGHT	ELL. LVL.	DESCRIPTION
1	1	4'-0"	7'-0"		WOODEN WITH SHIELD FLAP
2	2	4'-0"	7'-0"		WOODEN WITH SHIELD FLAP
3	3	4'-0"	7'-0"		WOODEN WITH SHIELD FLAP
4	4	4'-0"	7'-0"		WOODEN SLATED WINDOW
5	5	4'-0"	7'-0"		WOODEN SLATED WINDOW
6	6	4'-0"	7'-0"		WOODEN SLATED WINDOW
7	7	4'-0"	7'-0"		WOODEN SLATED WINDOW
8	8	4'-0"	7'-0"		WOODEN SLATED WINDOW
9	9	4'-0"	7'-0"		WOODEN SLATED WINDOW

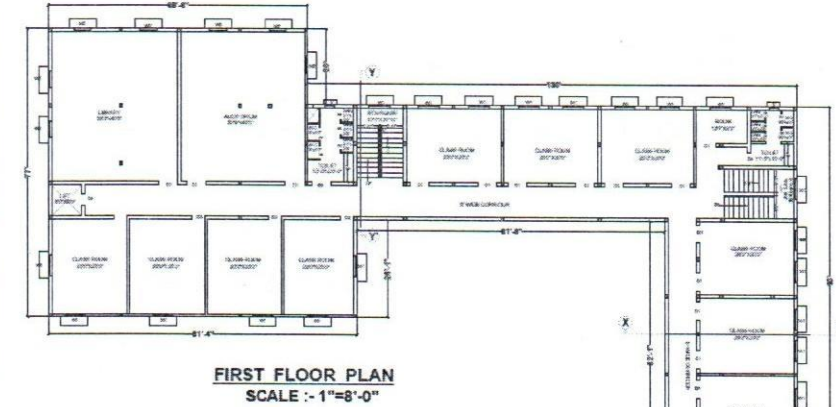
APPROVAL DRAWING	
APPLICANT	ARCHITECT
DATE	SCALE
DRAWN	CHECKED
SHEET NO. - 01	



GROUND FLOOR PLAN
SCALE:- 1"=8'-0"

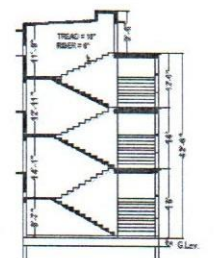


LAY OUT PLAN
SCALE:- 1"=16'-0"

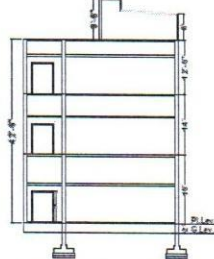


FIRST FLOOR PLAN
SCALE:- 1"=8'-0"

Annexure-1



SECTION AT-Y'Y'
SCALE:- 1"=8'-0"

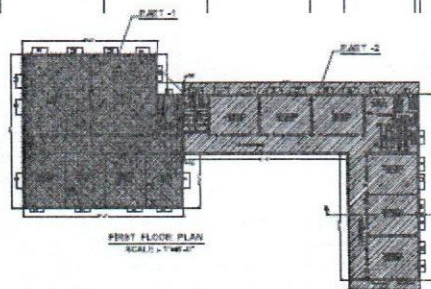
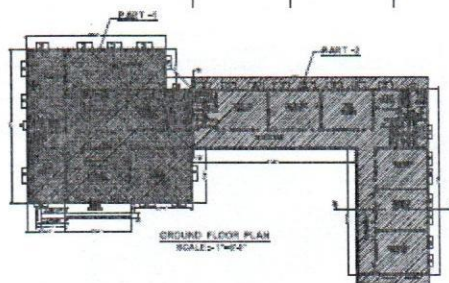
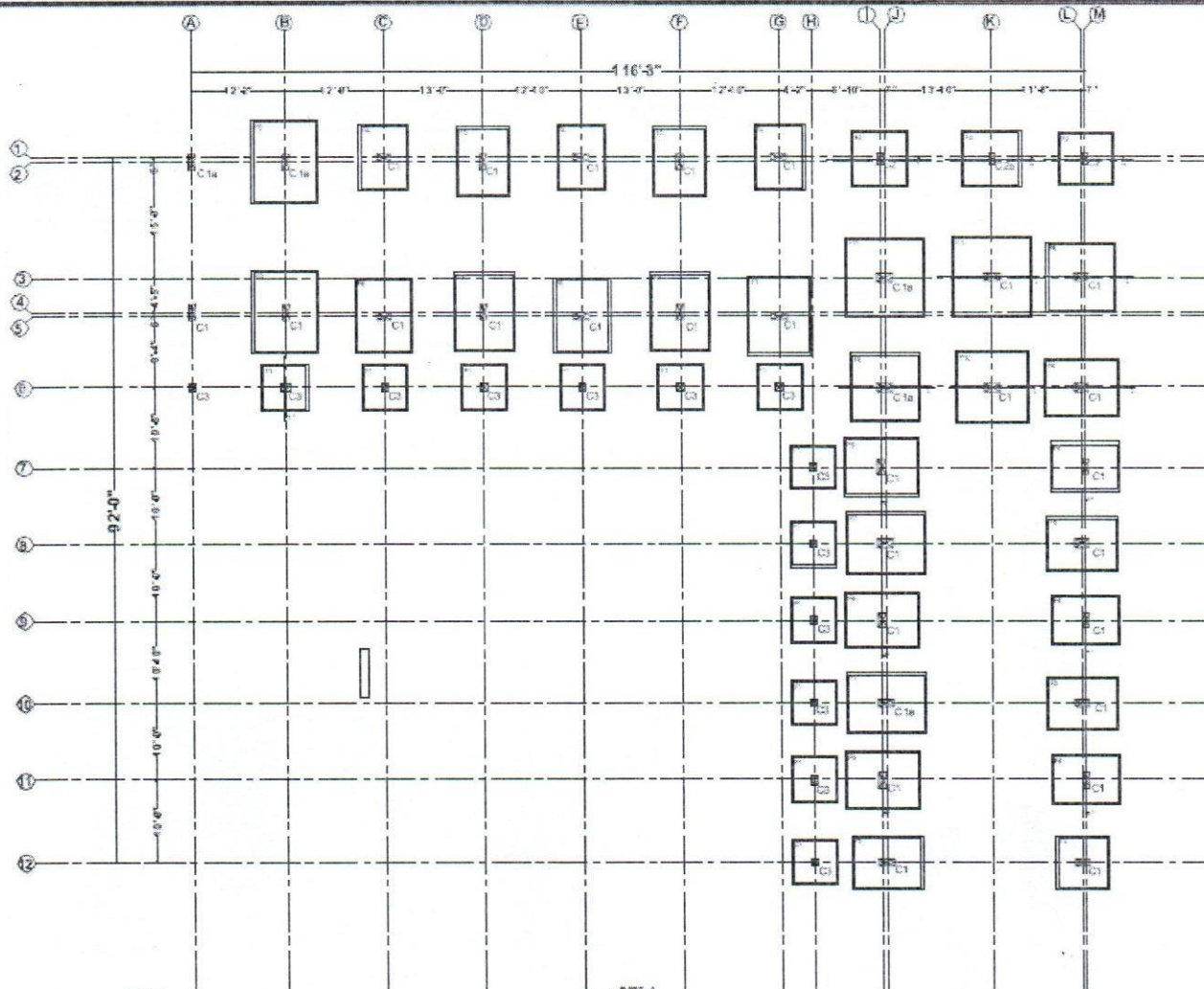


SECTION AT-X'X'
SCALE:- 1"=8'-0"

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APPROVAL DRAWING	
APPLICANT	ARCHITECT
DATE	SCALE
DRAWN	CHECKED
SHEET NO. - 01	



PROJECT
PROPOSED BUILDING FOR D.A.V
SCHOOL AT JAJPUR

SHEET TITLE
LAYOUT OF COLUMN
& FOOTING OF PART-2

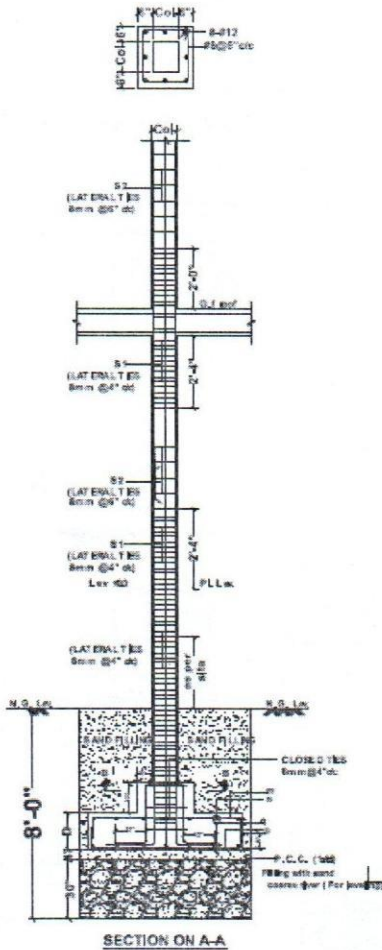
CONSULTANT
N.N. ENGINEERS & CONSULTANTS PVT. LTD.
STRUCTURAL CONSULTANTS
65, WADHUSUDAN NAGAR, BHUBANESWAR,

CHECKED BY:
NANAK
DRAWN BY:
SOUMYA

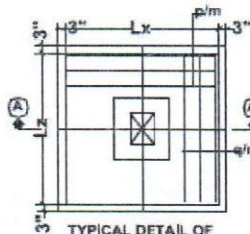
DATE
28-10-21
DRG NO
01

DETAILS OF COLUMN REINFORCEMENT							
COL. NO AS MKD.	COLUMN SIZE	DETAILS OF COLUMN				COLUMN SECTION	SHAPE OF LAT. TIES
		REINF.	STIRRUPS				
			S1	S2			
C1	12" x 24"	12-#16	#8 @ 4" C/C	#8 @ 6" C/C			
C1a	12" x 24"	4-#20 + 12-#16	#8 @ 4" C/C	#8 @ 6" C/C			
C2	10" x 16"	4-#20 + 4-#16	#8 @ 4" C/C	#8 @ 6" C/C			
C2a	10" x 16"	8-#20	#8 @ 4" C/C	#8 @ 6" C/C			
C3	10" x 12"	8-#16	#8 @ 4" C/C	#8 @ 6" C/C			

DETAILS OF COLUMN FOOTING							
FOOTING MKD.	Lx	Lz	D	p	q	m	n
F1	5'-6"	5'-6"	16"	12mm@5"c/c	12mm@5"c/c	—	—
F2	6'-6"	6'-6"	18"	12mm@5"c/c	12mm@5"c/c	—	—
F3	7'-0"	7'-0"	20"	12mm@5"c/c	12mm@5"c/c	—	—
F4	8'-3"	6'-0"	26"	12mm@5"c/c	12mm@6"c/c	—	—
F5	6'-9"	6'-5"	26"	12mm@5"c/c	12mm@6"c/c	—	—
F6	9'-3"	7'-0"	30"	12mm@4"c/c	12mm@5"c/c	12mm@4"c/c	12mm@5"c/c
F7	9'-9"	7'-5"	28"	12mm@5"c/c	12mm@5"c/c	—	—
F8	8'-6"	8'-6"	26"	12mm@5"c/c	12mm@5"c/c	—	—
F9	10'-3"	8'-0"	30"	12mm@5"c/c	12mm@6"c/c	12mm@5"c/c	12mm@6"c/c
F10	9'-0"	9'-0"	28"	12mm@5"c/c	12mm@5"c/c	—	—
F11	10'-0"	10'-0"	30"	12mm@5"c/c	12mm@5"c/c	12mm@5"c/c	12mm@5"c/c



SECTION ON A-A



TYPICAL DETAIL OF ISOLATED FOOTING

Notes :

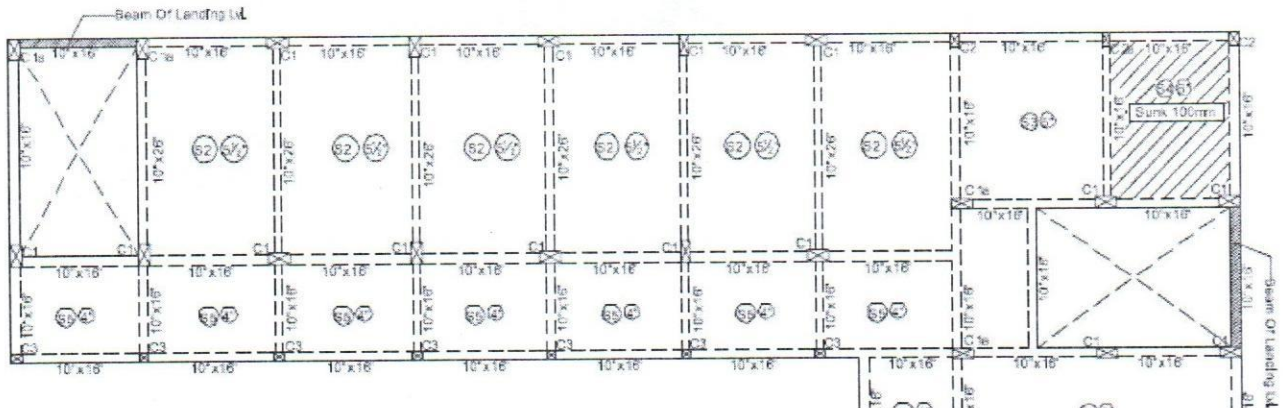
- THIS DRAWING SHALL BE READ IN CONJUNCTION WITH RELEVANT ARCHITECTURAL DRAWINGS.
- ANY DISCREPANCY IN THE DRG. SHALL BE BROUGHT TO THE KNOWLEDGE OF CONSULTANT BEFORE EXECUTION.
- DRAWING IS NOT TO BE SCALED. ONLY WRITTEN DIMENSIONS SHOULD BE FOLLOWED.
- SBC HAS BEEN ASSUMED AS 15 TON /METRESQUARE AT DEPTH OF 8'-0" FROM G.L.
- CLEAR COVER TO MAIN REINFORCEMENT SHALL BE FOR COLUMN 1-1/2" & FOOTING 2" BEAM / SLAB IN.
- LOAD HAS BEEN TAKEN FOR (F1-2)
- MINIMUM DEVELOPMENT OVER LAP FOR TOR STEEL SHALL BE 52d, WHERE "d" IS DIA OF MAIN REINFORCEMENT. THE LAP SHALL BE STAGGERED AND AVOID DATE THE POINT OF MAXIMUM BENDING MOMENT.
- THE MIX FOR ALL R.C.C. WORK SHALL BE M25 (DESIGN MIX OR 1:2)
- SAND FILLING SHOULD BE DONE WITH COARSE SAND IN ALL PIT PROPERLY COMPACTED BEFORE STARTING OF ANY CONC. WORK.
- PROVIDE REINFORCEMENT OF GRM Ø 2 NOS IN ALTERNATE FOURTH LAYER OF 125 THK. BRICK MASONRY.

PROJECT
PROPOSED BUILDING FOR D.A.V
SCHOOL AT JAJPUR.

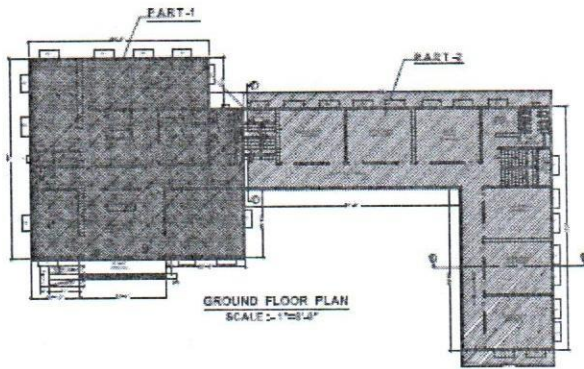
SHEET TITLE
DETAILS OF COLUMN AND
FOUNDATION OF PART-2

CONSULTANT
N.L. ENGINEERS & CONSULTANTS PVT. LTD.
STRUCTURAL CONSULTANTS B
66, MADHUSUDAN NAGAR, BHUBANESWAR.

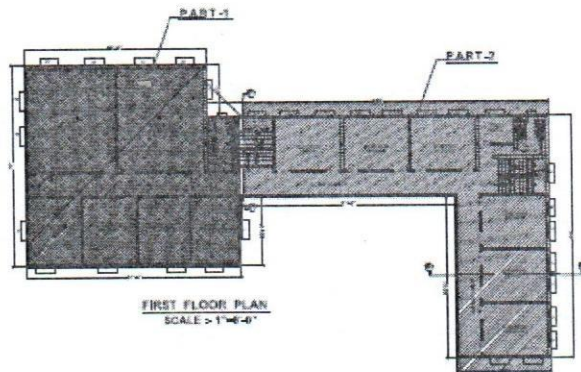
CHECKED BY: NANAK	DATE	DRG NO
DRAWN BY: SWETA	23-09-21	02



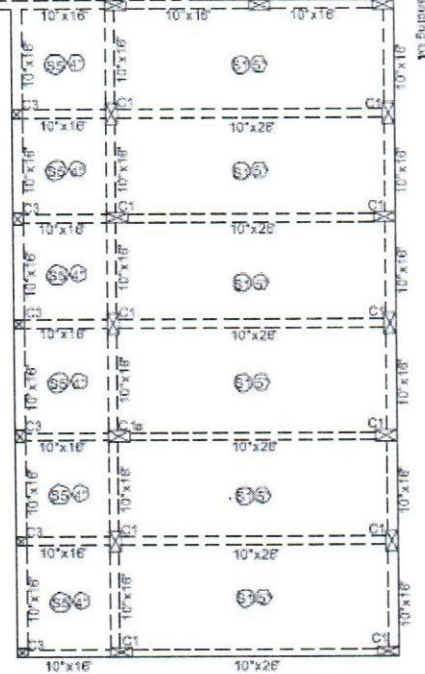
G.A DRAWING OF TYPICAL FLOOR ROOF BEAM PART-2



GROUND FLOOR PLAN
SCALE - 1/4"=1'-0"



FIRST FLOOR PLAN
SCALE - 1/4"=1'-0"



PROJECT
PROPOSED BUILDING FOR D.A.V
SCHOOL AT JAJPUR.

SHEET TITLE
G.A DRAWING OF TYPICAL
FLOOR ROOF BEAM
PART-2

CONSULTANT
N.N. ENGINEERS & CONSULTANTS PVT. LTD.
STRUCTURAL CONSULTANTS
55, MADHUSUDAN NAGAR, BHURANESWAR.

CHECKED BY:
NANAK

DATE

DRG NO

DRAWN BY:
SOUMYA

28-10-21

03