CONSOLIDATED DRAWING FOR CONSTRUCTION OF THREE STORIED BUILDING OF COMPOSITE INSTITUTION, VIDYASAGAR TEACHER'S TRAINING INSTITUTE (B.ED. & D. EL. ED.) ON PLOT NO.- 894,499,478 , AT AKALPOUSH MOUZA, J.L.NO.-09 , P.S. - DEBRA, DIST.- PASCHIM MEDINIPUR, STATE - WEST BENGAL, PIN - 721156.

SPECIFICATION :-

1. CLEAR COVER TO CONCRETE FOR FOUNDATION = 0.050m., BEAM = 0.030m., SLAB = 0.025m., COLUMN = 0.040m.
2. CEMENT MORTAR USE FOR BRICKWORK- 0.250m. TH. = 1 : 6 . 0.125m. TH. = 1 : 4
3. FOR PLASTER- 0.020m. TH. & 0.015m. TH. FOR INSIDE AND OUTSIDE (1 : 6) USE, 0.015m. TH. CEILING, CANTILEVER CHAJJA, SELF PLASTER WITH CEMENT MORTAR (1: 4) USE.
4. 0.020m. TH. DAMP PROOF COURSE WITH CEMENT CONCRETE (4 :2 :1) AND ADMIXTURE OF WATER PROOFING COMPOUND AS PER MANUFACTURE'S SPECIFICATION- COMPLETES AS DIRECTED.
5. FOR NEAT CEMENT PUNNIG ABOUT 1.5 MM TH. IN WALL, DADO, WINDOW, ETC.
6. FOR ORDINARI MIX M20 (1:1.5:3) REINFORCEMENT CEMENT CONCRETE WITH GRADED STONE CHIPS 20 MM DOWN.
7. FOR PCC (1:3:6) WITH LOCAL GRADED STONE BALLAST WITH 40MM. DOWN.
8. REINFORCEMENT STEEL USE MIN. FE-415 GRADED.
9. ALL DIMENSIONS ARE IN M.K.S. SYSTEM.
10. SUPERSTRUCTURE WALL ARE 0.250m. & 0.125m. TH.
11. NEAM / JAM FOR FRAME & PANEL WOOD WORK
12. TRADER = 0.300m. & RISER = 0.125m.
13. SIZW OF DOOR 'D' =1.07m. X 2.10m.,'D1' = 0.77 X 2.10,WINDOW 'W' = 1.20 X 1.40, VENTILETOR = 0.75m. X0.75m..
13. DRAWING ARE NOT TO BE SCALE.

PROPOSED D. EL. ED. COURSE CARPET AREA= 1695.12 SQM.
EXISTING B. ED. COURSE CARPET AREA= 1512.00 SQM.
TOTAL CARPET AREA= 3207.12 SQM. = 34508.61 SQ. FT.
PROPOSED D. EL. ED. COURSE BUILD UP AREA= 2003.14 SQM.
EXISTING B. ED. COURSE BUILD UP AREA= 1575.04 SQM.
TOTAL BUILD UP AREA= 3578.18 SQM. = 38501.22 SQ. FT.

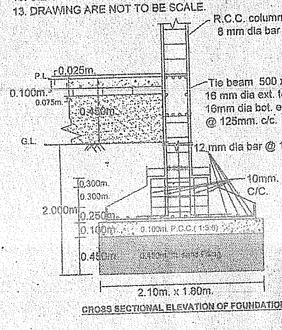
TOTAL LAND AREA= 1.68 ACRE = 6798.59 SQM. = 73152.85 SQ. FT.

PROPOSED D. EL. ED. COURSE BUILDING CARPET AREA

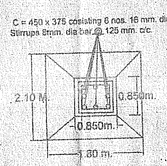
SL. NO.	ROOM	CARPET AREA	
1.	MULTIPURPOSE HALL	236.25 SQM.	2542.05 SQ. FT.
2.	CLASS ROOM	50.00 SQM.	538.00 SQ. F.T
3.	CLASS ROOM	50.00 SQM.	538.00 SQ. FT.
4.	CLASS ROOM	50.00 SQM.	538.00 SQ. FT.
5.	LAVATORY	26.25 SQM.	282.45 SQ. FT.
6.	SEMINAR HALL	185.50 SQM.	1995.98 SQ. FT.
7.	STAFF ROOM	50.00 SQM.	538.00 SQ. FT.
8.	H.O.D. ROOM	50.00 SQM.	538.00 SQ. FT.
9.	CLASS ROOM	50.00 SQM.	538.00 SQ. FT.
10.	CLASS ROOM	50.00 SQM.	538.00 SQ. FT.
11.	LAVATORY	26.25 SQM.	282.45 SQ. FT.
12.	LIBR. & READING ROOM	185.50 SQM.	1995.98 SQ. FT.
13.	CLASS ROOM	50.00 SQM.	538.00 SQ. FT.
14.	CLASS ROOM	50.00 SQM.	538.00 SQ. FT.
15.	CLASS ROOM	50.00 SQM.	538.00 SQ. FT.
16.	CLASS ROOM	50.00 SQM.	538.00 SQ. FT.
17.	VERANDAH	459.12 SQM.	4940.13 SQ. FT.
18.	LAVATORY	26.25 SQM.	282.45 SQ. FT.
	TOTAL	1695.12 SQM.	18239.49 SQ. FT.

EXISTING B. ED. COURSE BUILDING CARPET AREA

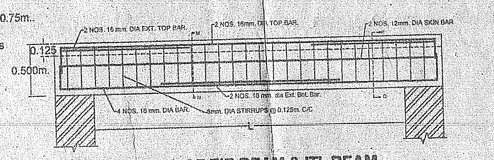
SL. NO.	ROOM	CARPET AREA	
1.	PRINCIPAL ROOM	30.00 SQM.	322.80 SQ. FT.
2.	STAFF ROOM	60.00 SQM.	645.60 SQ. FT.
3.	CLASS ROOM	92.95 SQM.	1000.14 SQ. FT.
4.	CLASS ROOM	92.95 SQM.	1000.14 SQ. FT.
5.	ADMINISTRATIVE	60.00 SQM.	645.60 SQ. FT.
6.	STORAGE ROOM	60.00 SQM.	645.60 SQ. FT.
7.	SCIENCE LAB.	46.80 SQM.	503.57 SQ. FT.
8.	ICT LAB.	63.00 SQM.	677.88 SQ. FT.
9.	ET LAB.	63.00 SQM.	677.88 SQ. FT.
10.	ART & CRAFT	54.00 SQM.	581.04 SQ. FT.
11.	HEALTH & P. LAB	54.00 SQM.	581.04 SQ. FT.
12.	LIBR. & READING ROOM	109.20 SQM.	1175.00 SQ. FT.
13.	GIRLS COMMON ROOM	57.00 SQM.	613.32 SQ. FT.
14.	MULTIPURPOSE HALL	202.15 SQM.	2175.13 SQ. FT.
15.	LANGUAGE ROOM	54.00 SQM.	581.04 SQ. FT.
16.	OFFICE ROOM	54.00 SQM.	581.04 SQ. FT.
17.	VISITORS ROOM	48.00 SQM.	516.48 SQ. FT.
18.	CANTEEN	63.00 SQM.	677.88 SQ. FT.
19.	SCIENCE LAB.	46.80 SQM.	503.57 SQ. FT.
20.	STORE ROOM.	54.00 SQM.	581.04 SQ. FT.
21.	STORE ROOM.	54.00 SQM.	581.04 SQ. FT.
22.	ROOM.	60.00 SQM.	645.60 SQ. FT.
23.	BATH & W.C.	33.15 SQM.	356.69 SQ. FT.
	TOTAL	1512.00 SQM.	16269.12 SQ. FT.



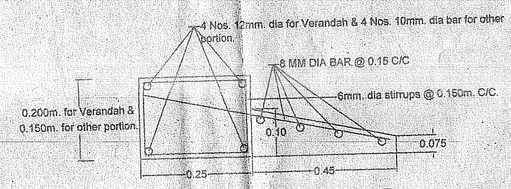
CROSS SECTIONAL ELEVATION OF FOUNDATION



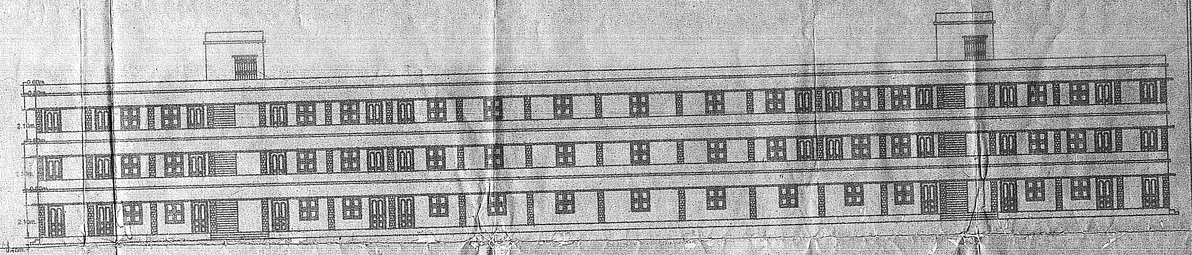
CROSS SECTION OF COLUMN.

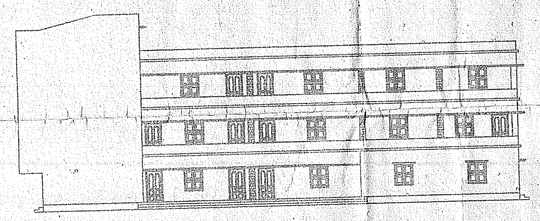


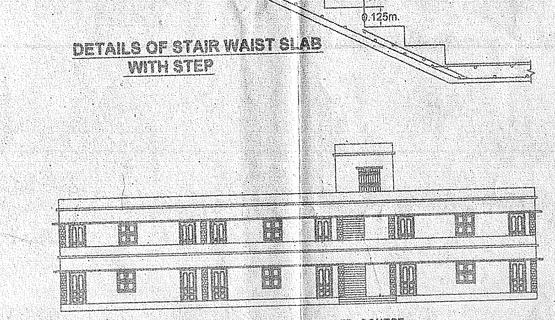
DETAILS OF TIE BEAM & 'T' BEAM



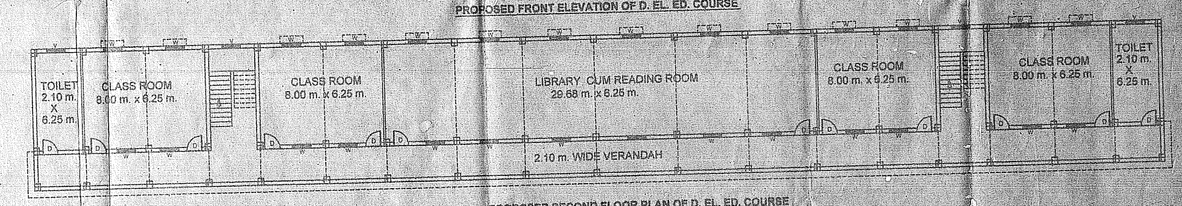
DETAILS OF LINTEL WITH SUNSHADE


PROPOSED FRONT ELEVATION OF D. EL. ED. COURSE

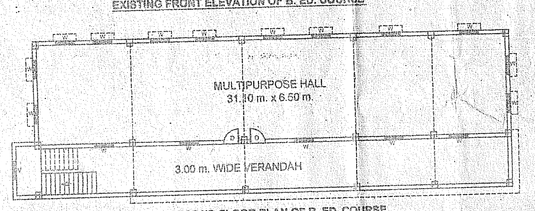

EXISTING FRONT ELEVATION OF B. ED. COURSE



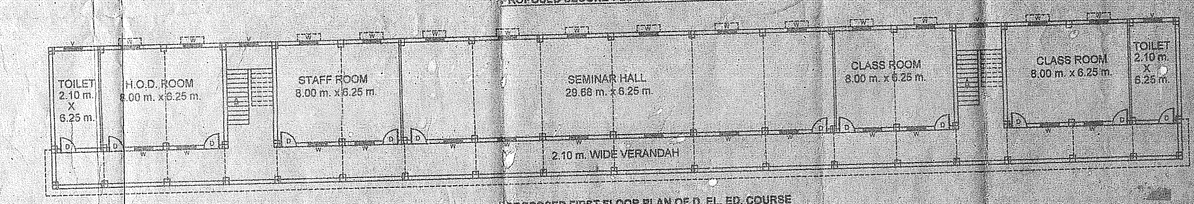
DETAILS OF STAIR WAIST SLAB WITH STEP



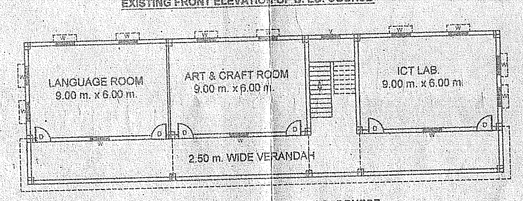
PROPOSED SECOND FLOOR PLAN OF D. EL. ED. COURSE



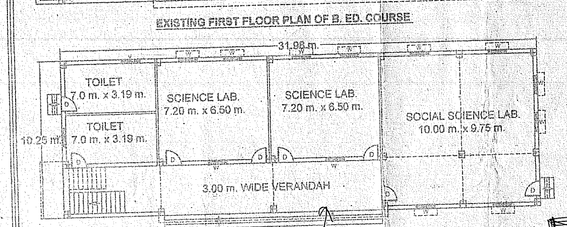
EXISTING SECOND FLOOR PLAN OF B. ED. COURSE



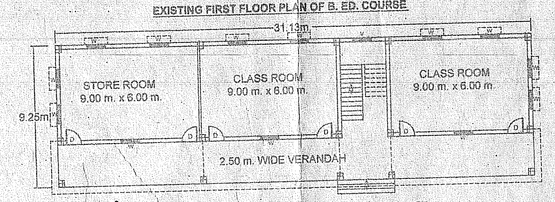
PROPOSED FIRST FLOOR PLAN OF D. EL. ED. COURSE



EXISTING FIRST FLOOR PLAN OF B. ED. COURSE



EXISTING GROUND FLOOR PLAN OF B. ED. COURSE



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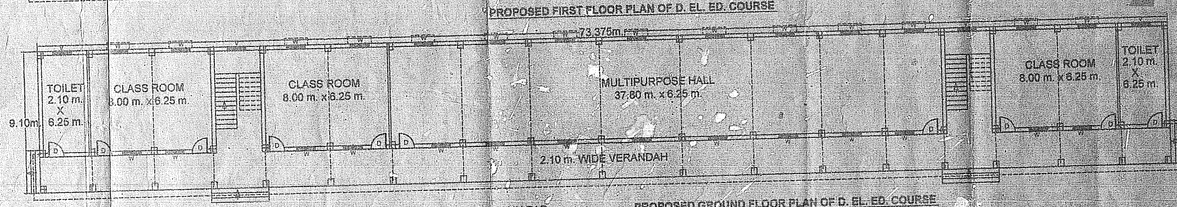
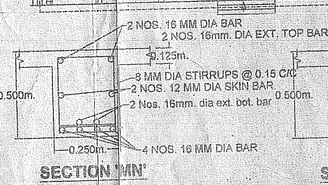
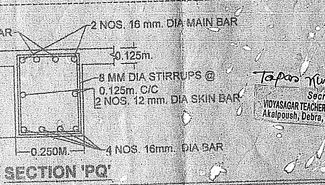


PROPOSED GROUND FLOOR PLAN OF D. EL. ED. COURSE



SECTION 'MN'



SECTION 'PQ'

Tapas Kumar Sinha
Secretary
VIDYASAGAR TEACHERS' TRAINING INSTITUTE
Akalpoush, Debra, Paschim Medinipur
28/01/16

Bahr 29/01/16
Sub-Asst. Engineer
Debra Development Block
Debra, Paschim Medinipur

Drawn by
RITEN MANNA
Civil Engineer (Dip)
Rasikganj, Nimtola, Midnapur

The Plan is Provisionally approved subject to the observance of all and any compliance of recommendation issued.
Divisional Fire Officer
Paschim Medinipur Division
WBFRES

Prantar
Bhagabatpur Gram Panchayat (Part)
Debra Block, Paschim Medinipur