

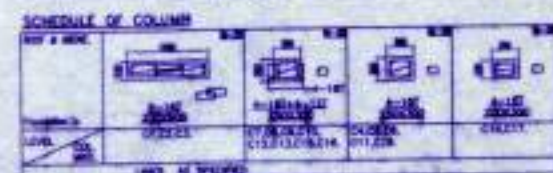
SCHEDULE OF FLOOR AND ROOF SLAB

PANEL MKD.	REINFORCEMENT IN SHORTER DIRECTION	REINFORCEMENT IN LONGER DIRECTION
51(115 TK.)	8 TOR @ 100 C/C(Top) 8 TOR @ 125 C/C(Bott.)	8 TOR @ 125 C/C(Top) 8 TOR @ 150 C/C(Bott.)

BEAM SCHEDULE

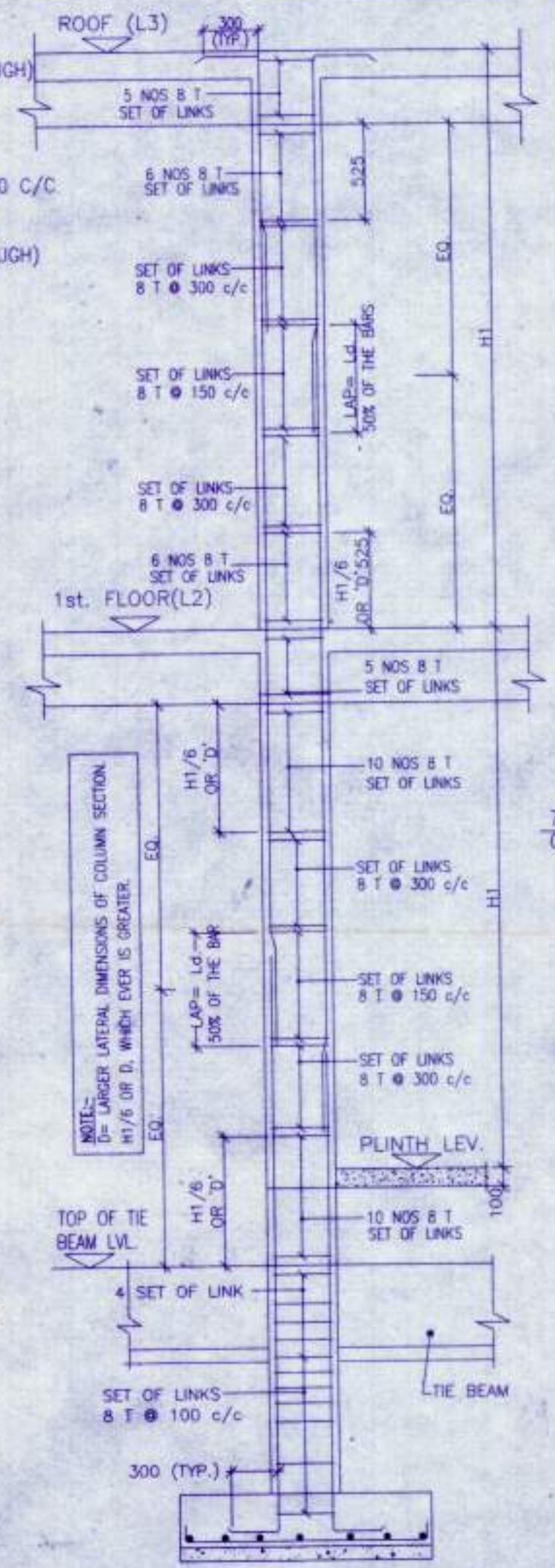
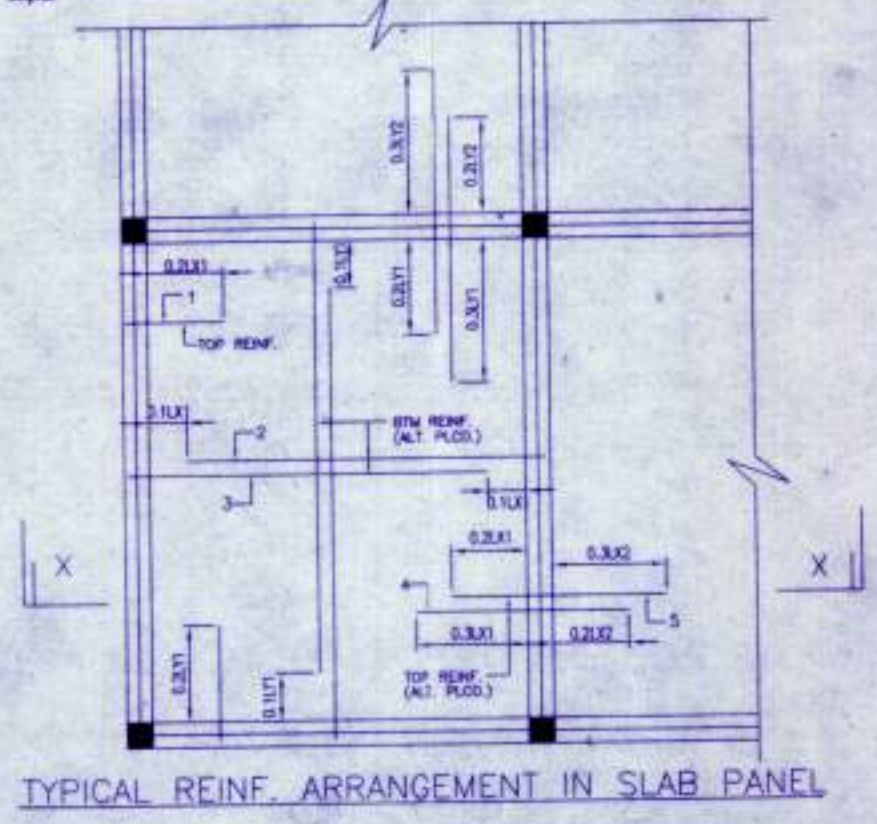
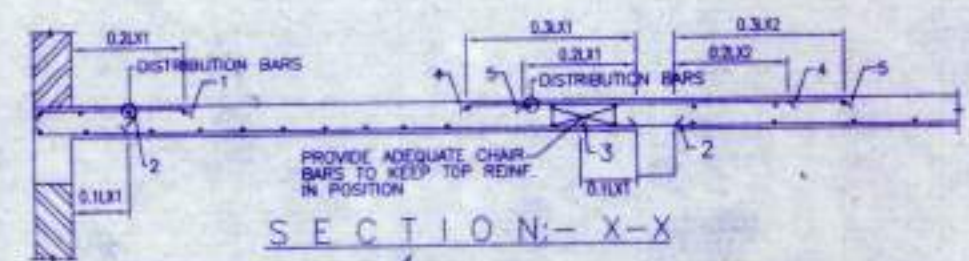
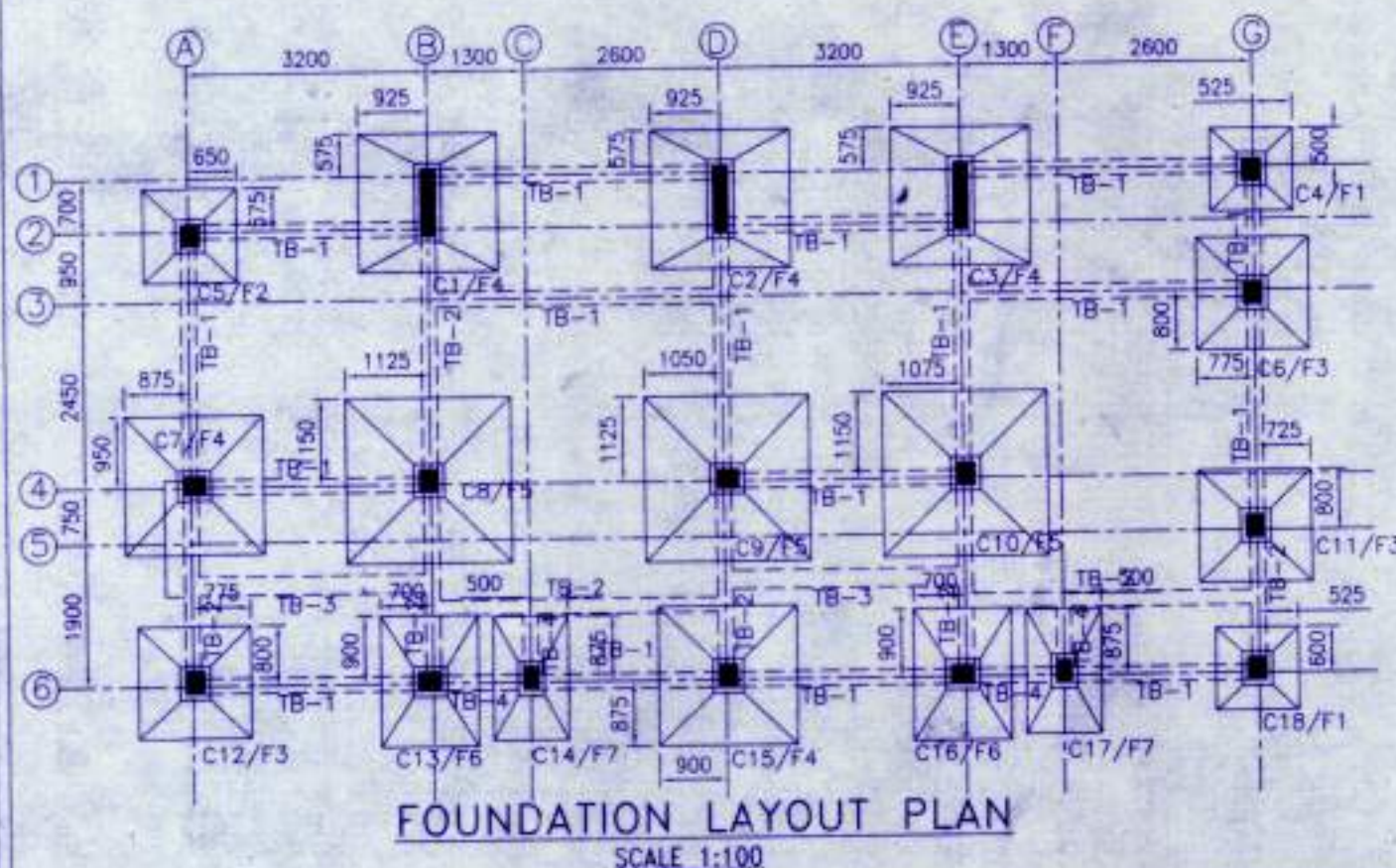
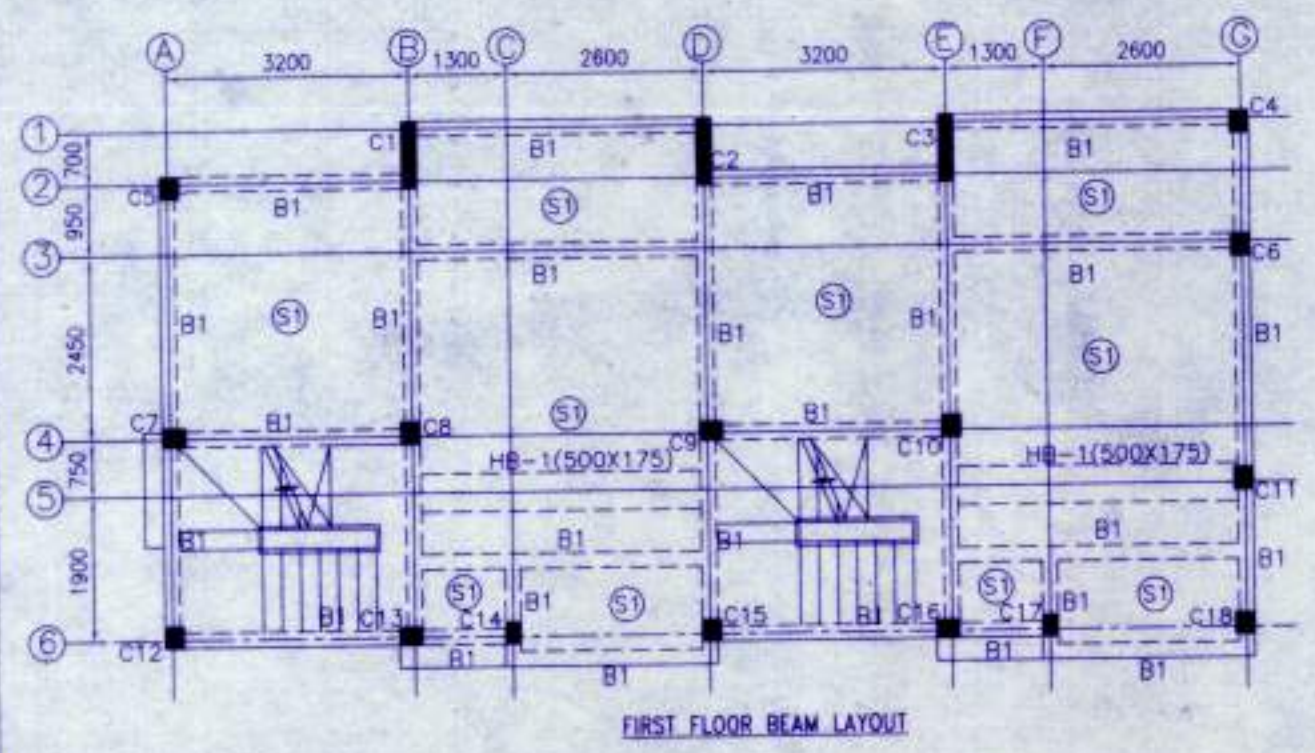
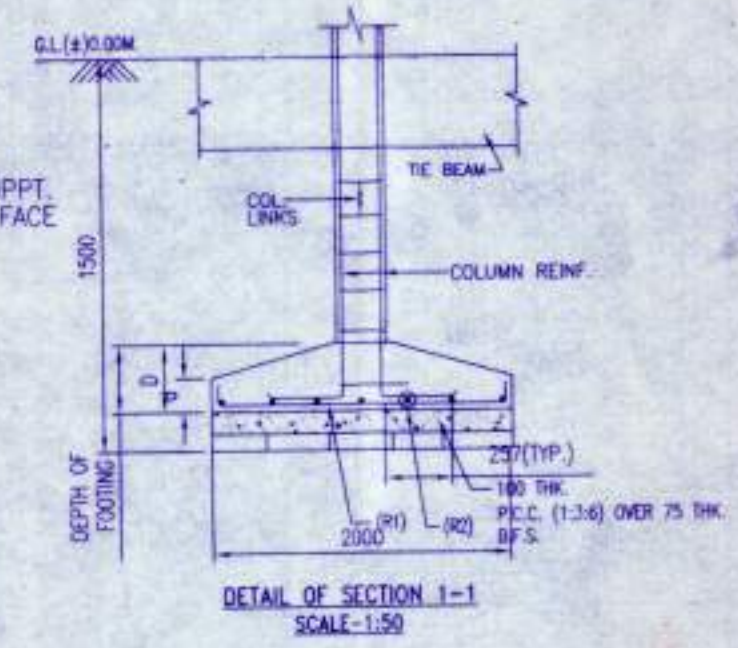
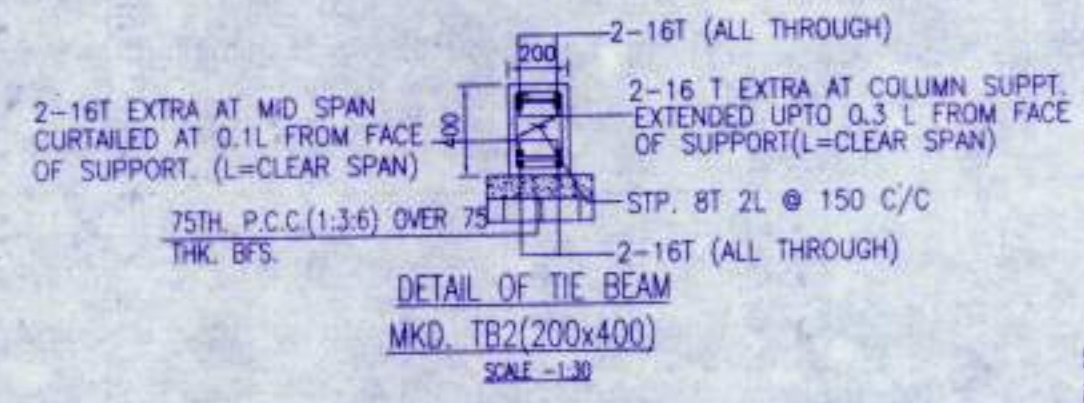
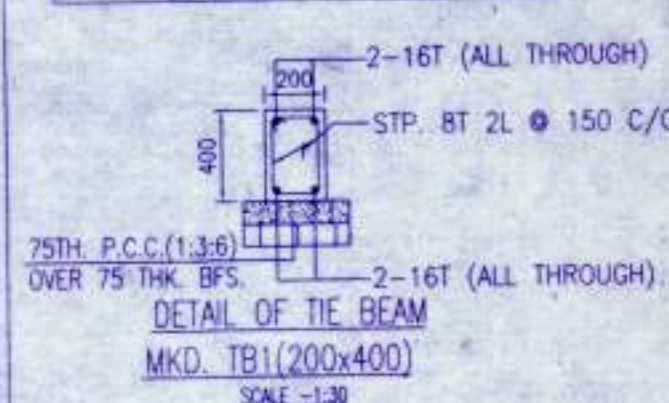
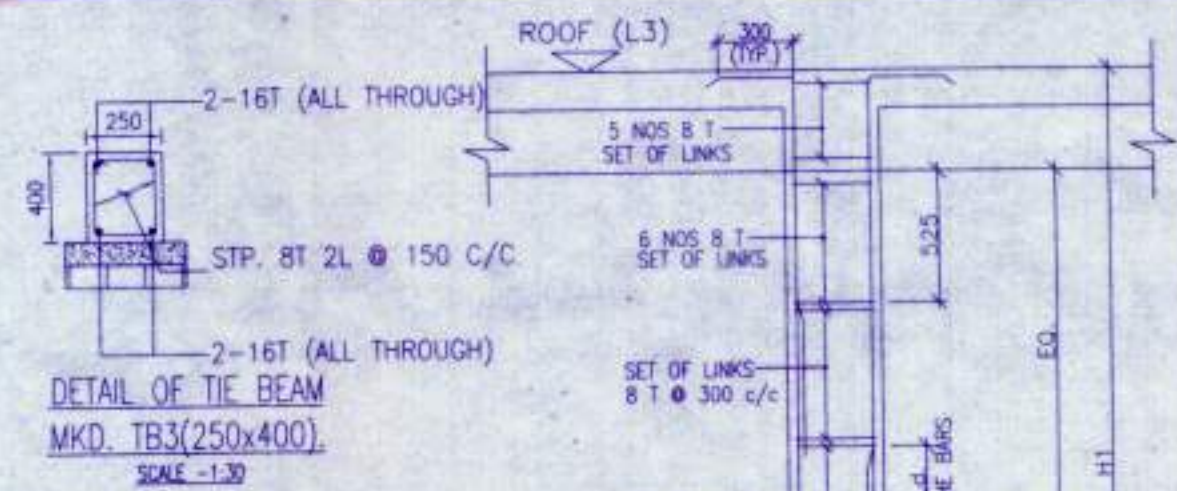
GRADE OF CONCRETE - M20

BEAM MKD.	BEAM SIZE	REINFT. AT SUPPT.		REINFT. AT SPAN		STIRRUPS	
		TOP	BOTTOM	TOP	BOTTOM	SUPPORT	SPAN
B1	200 x 300	3-16 T 2-12 T	3-16 T 2-12 T	3-16 T 2-12 T	3-16 T 2-12 T	8 T @ 100 C/C	8 T @ 200 C/C

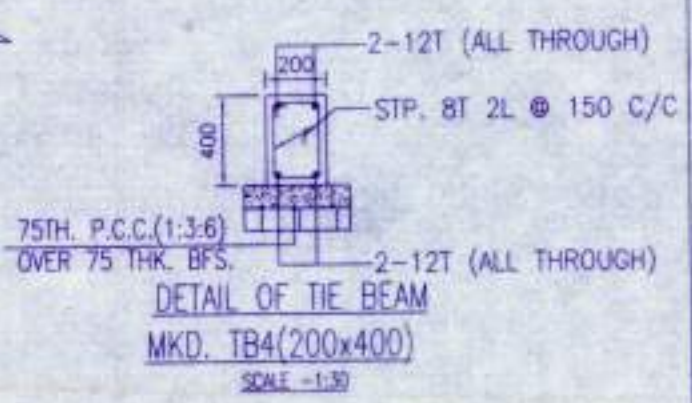


SCHEDULE OF FOOTING

FOOTING MKD.	FOOTING SIZE	FOUNDATION DEPTH		REINFORCEMENT	
		total depth (D)	min. depth (d)	SHORT WAY (R1)	LONG WAY (R2)
F1	1100x1100	150	150	10 T @ 150 C/C	10 T @ 150 C/C
F2	1250x1250	200	150	10 T @ 150 C/C	10 T @ 150 C/C
F3	1500x1500	200	150	10 T @ 150 C/C	10 T @ 150 C/C
F4	1850x1850	250	150	10 T @ 100 C/C	10 T @ 100 C/C
F5	2250x2250	350	200	10 T @ 100 C/C	10 T @ 100 C/C
F6	1750x1300	250	150	10 T @ 100 C/C	10 T @ 100 C/C
F7	1650x1000	250	150	10 T @ 100 C/C	10 T @ 100 C/C



- NOTES AND SPECIFICATION**
- ALL DIMENSIONS ARE IN MM. UNLESS OTHERWISE MENTIONED.
 - ANY AMBIGUITY IN THE DRAWINGS SHOULD BE IMMEDIATELY BROUGHT TO THE NOTICE OF THE CONSULTANT BEFORE COMMENCING WORK.
 - SUPER STRUCTURE : SUPER STRUCTURE SHALL BE OF 1ST CLASS BRICK IN 1:6 CEMENT MORTAR.
 - THIS DRAWING IS TO BE READ ALONG WITH ALL RELEVANT ARCHITECTURAL DRAWINGS.
 - ALL GRADE OF CONCRETE - M20 UNTIL & UNLESS MENTIONED.
 - ALL MATERIALS SHALL CONFORM TO RELEVANT IS CODES.
 - FOR STEEL GRADE Fe 500 AS PER IS 1786-2007.
 - ALL DISTRIBUTION BARS ARE 8 T @ 250 C/C AND TO BE PROVIDED.
 - ALL CHAIRS ARE 10T AND TO BE PROVIDED WHEREVER REQUIRED.
 - ALL SPACER BARS ARE 25T @ 300 C/C AND TO BE PROVIDED.
 - LAPS, SPACES & BOND LENGTH SHOULD BE 50 D WHERE 'D' IS DIA OF BAR.
 - FOUNDATION & PLINTH : BRICKWORK IN FOUNDATION & PLINTH SHALL BE OF 1ST CLASS BRICK IN 1:6 CEMENT MORTAR.
 - MINIMUM CLEAR COVER TO MAIN REINFORCEMENT IS AS FOLLOWS:
- | MEMBER | TOP | BOTTOM | SIDE |
|---------------|-----|--------|------|
| a. FOUNDATION | 50 | 50 | 50 |
| b. COLUMN | 40 | 40 | 40 |
| c. FLOOR BEAM | 30 | 30 | 30 |
| d. TIE BEAM | 30 | 30 | 30 |
| e. FLOOR SLAB | 20 | 20 | 20 |
10. SPECIFIC GRAVITY OF THE BENTONITE SHALL BE MAINTAINED AT 1.1 TO 1.2 BEFORE CASTING OF PILE.



PROPOSED TWO STORED BUNGALOW AT R.S. DAG NO. 385(P.418) P. MOUZA - NOWABAD, J.L. NO - 19, UNDER P.S. BISHNUPUR, P.O. RASAPUNJA, DIST. SOUTH 24 PARGANAS, UNDER RASAPUNJA GRAM PANCHAYAT.

I HEREBY CERTIFY THAT ALL THE ARCHITECTURAL DRAWINGS OF PROPOSED TWO STORED BUNGALOW AT R.S. DAG NO. 385(P.418) P. MOUZA - NOWABAD, J.L. NO - 19, UNDER P.S. BISHNUPUR, P.O. RASAPUNJA, DIST. SOUTH 24 PARGANAS, UNDER RASAPUNJA GRAM PANCHAYAT, HAVE BEEN PREPARED BY ME IN COMPLIANCE WITH THE PROVISIONS OF THE NATIONAL BUILDING CODE 2016 AND THE WEST BENGAL MUNICIPAL BUILDING RULES 2011. NO SUCH WRONG AND MISDIRECT INFORMATION HAS BEEN FURNISHED BY ME INCLUDING AREA CALCULATION CHARTS IN THIS DRAWING AND NO VIOLATION OF THE PROVISIONS OF THESE RULES WILL BE FOUND IN ANY OF THE DRAWINGS AND DOCUMENTS SUBMITTED TO THE SANCTIONING AUTHORITY FOR SETTING THE SANCTIONS.

RISAV GUPTA
ARCHITECT (B.Arch.)
Reg. No. - CA/2017/83723

Signature of Architect/Engineer

Shiv Niketan Pvt. Ltd.
Director

Signature of the Owner

TITLE: FOUNDATION BEAM LAYOUT, FIRST FLOOR BEAM LAYOUT, TYPICAL DETAIL OF TIE BEAM & ISOLATED FOOTING, SCHEDULE OF BEAM, COLUMN, FLOOR & ROOF SLAB FOOTING.

DRAWN BY	DIKSHANA TANKA
CHECKED BY	ATANKA/C
SCALE 1:100	DATE 07/12/17
SUBMISSION DRAWING	
DRAWING NO.	REVISION NO.
DEMS-GANC-ARC-P/R 8 - BUNGALOW@R 10.11.2017/8	

APPROVAL:

(KARTICK NASKAR)
Pradhan
Rasapunja Gram Panchayat
Thakurpukur-Maheshstala Block
South 24 Parganas

20/02/17

Approved

PROPOSED TWO STORIED BUNGALOW AT R.S. DAG NO. 385(P),418(P) MOUZA-NOWABAD,J.L. NO -19,UNDER P.S. BISHNUPUR ,P.O. RASAPUNJA, DIST-SOUTH 24 PARGANAS, UNDER RASAPUNJA GRAM PANCHAYAT.

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Risav Gupta
RISAV GUPTA
 ARCHITECT (B.Arch.)
 Reg. No.-CA/2017/83723

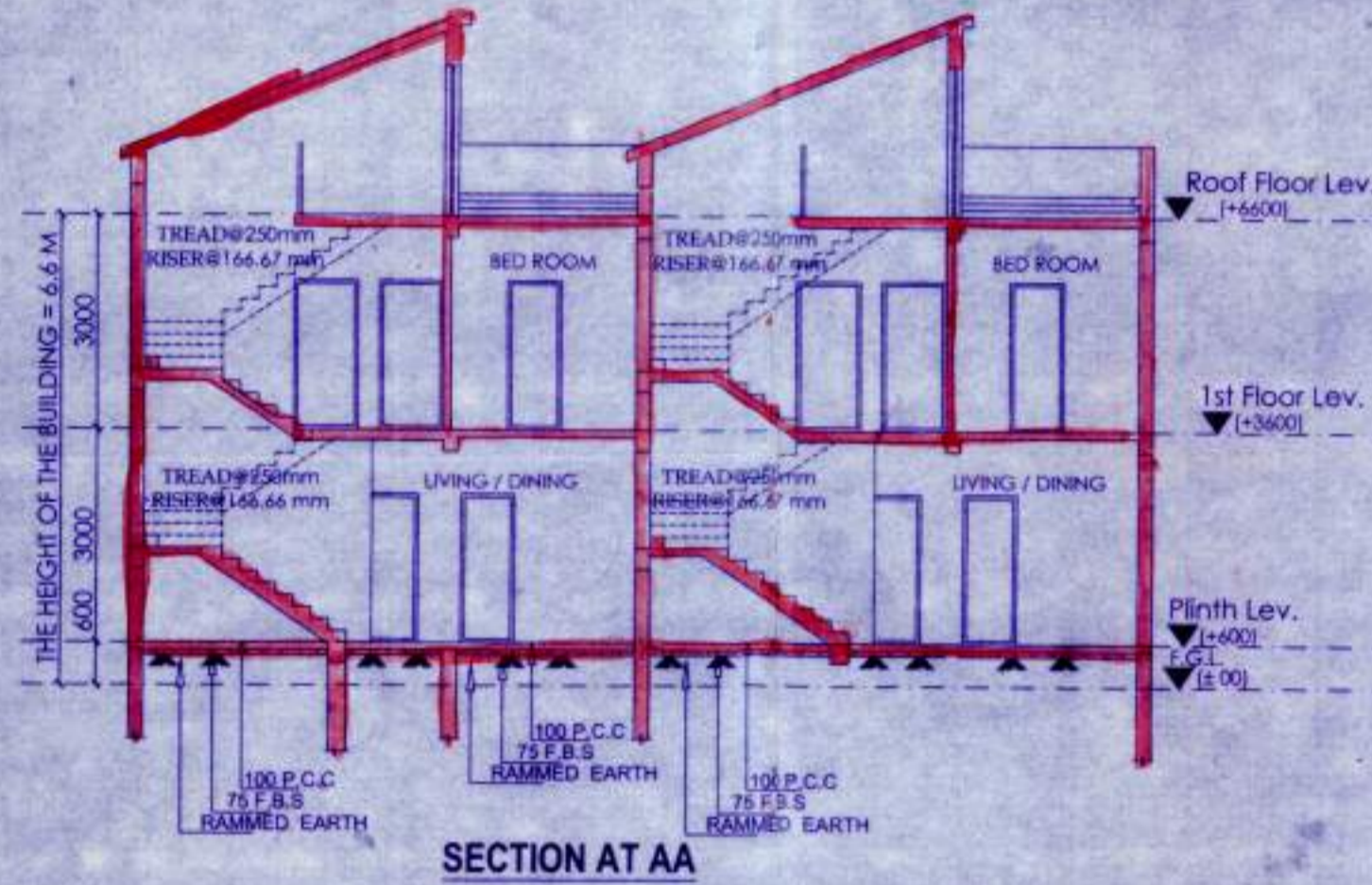
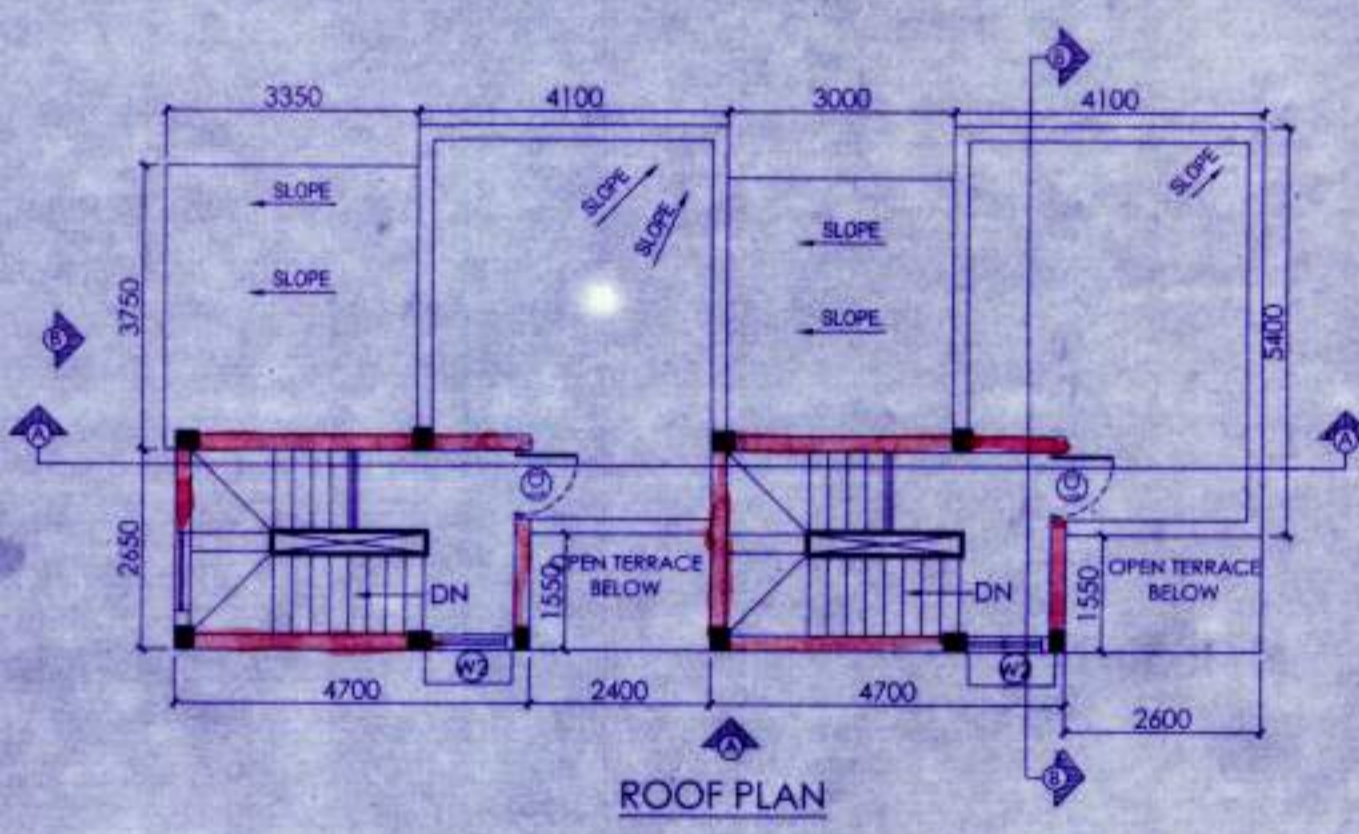
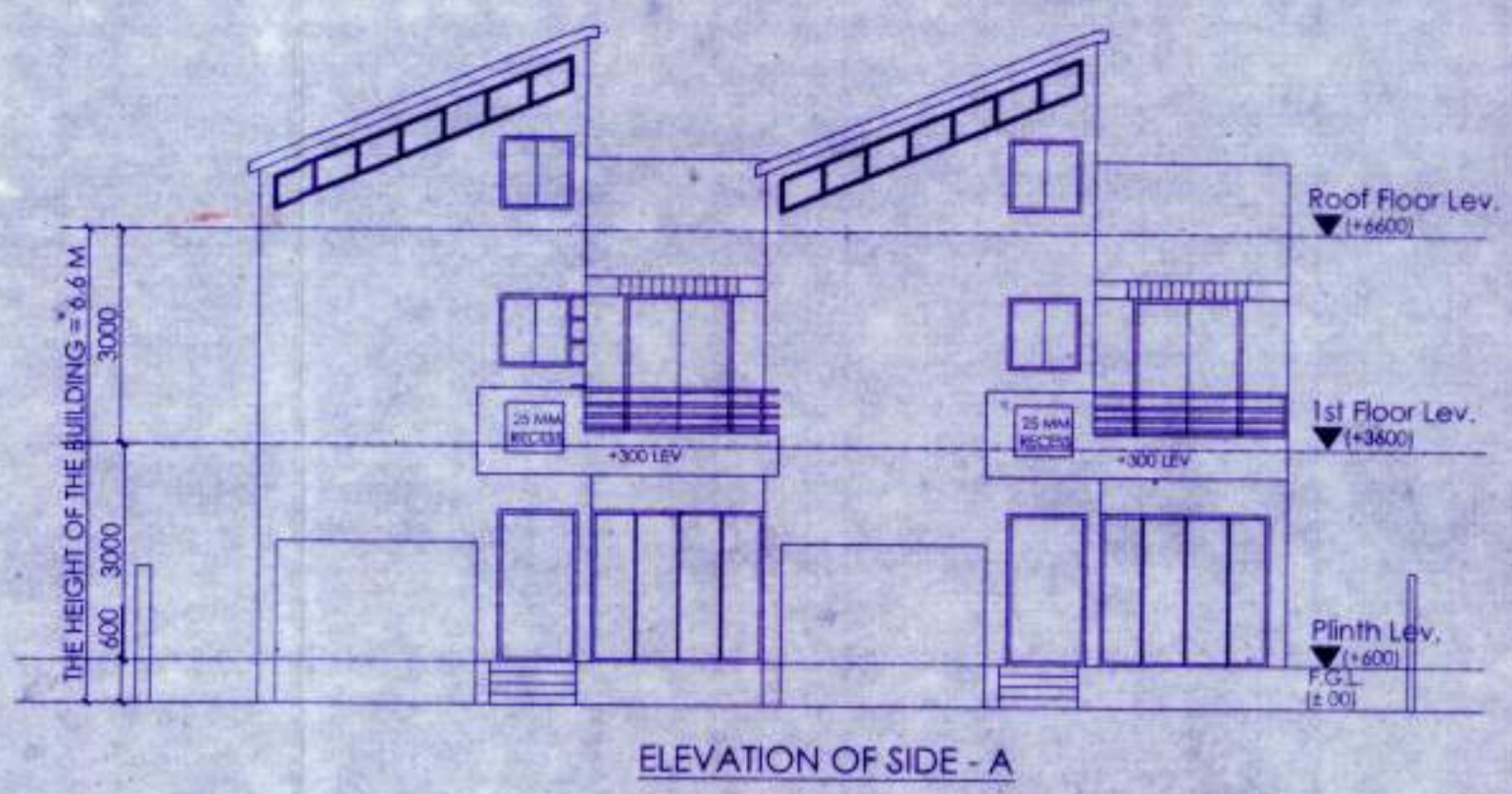
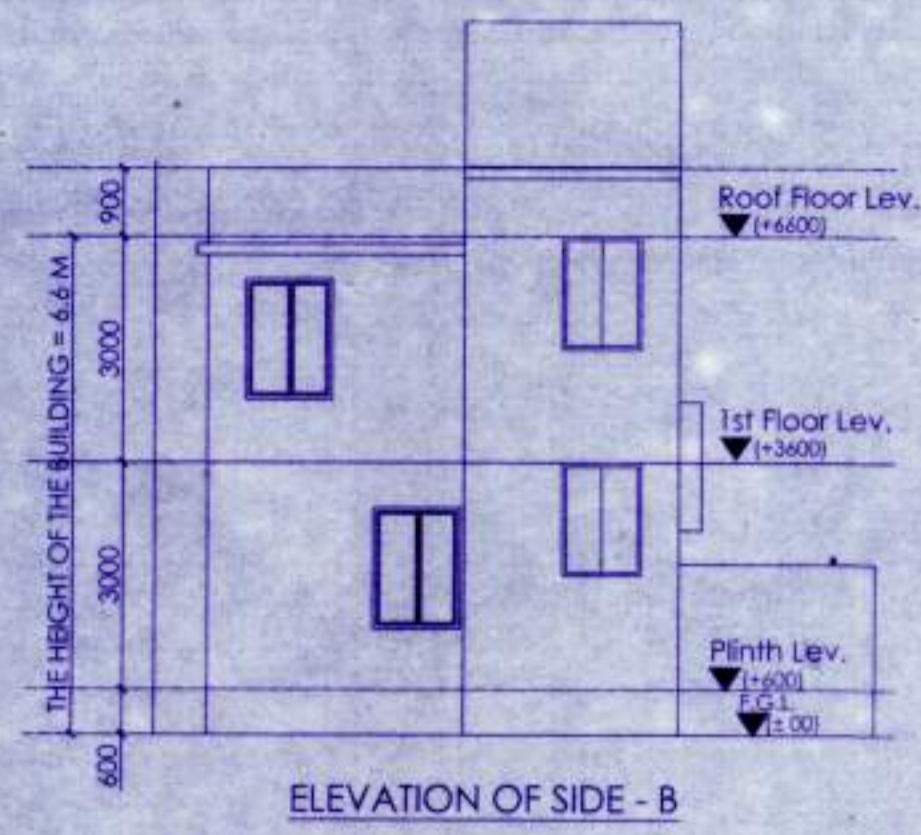
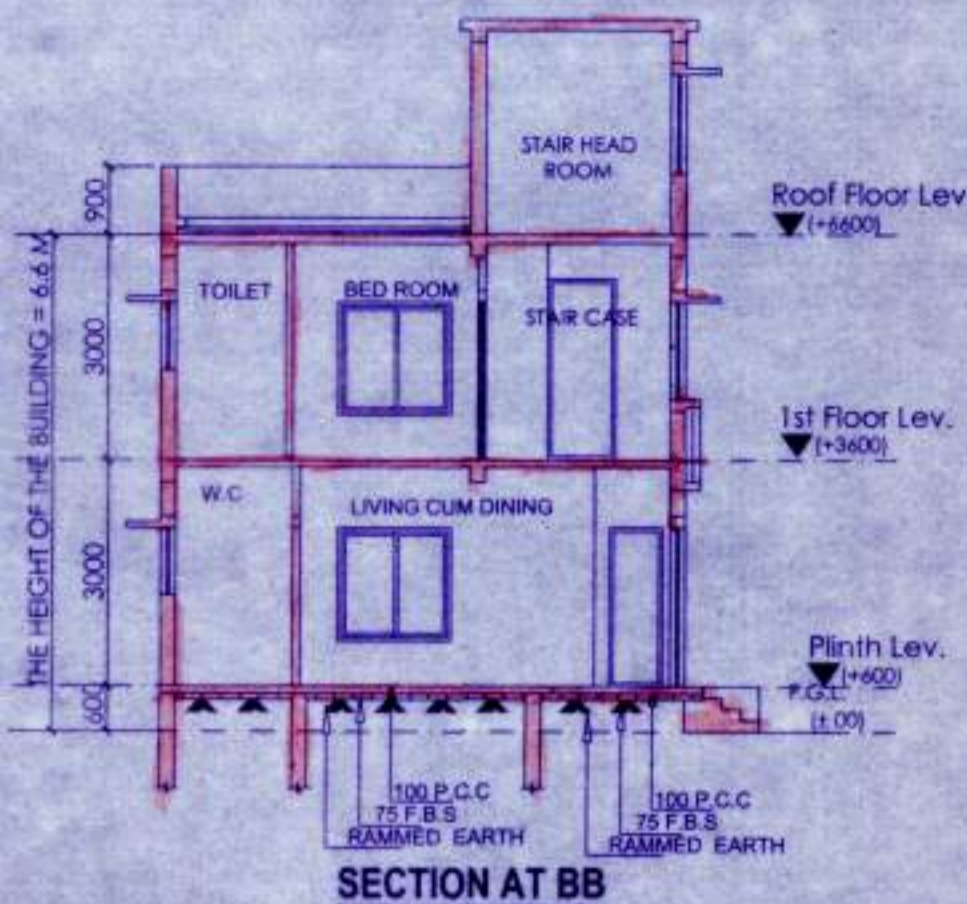
Signature of Architect / Engineer

Shiv Niketan Pvt. Ltd.
Shiv
 Director

AUTHORIZED SIGNATORY

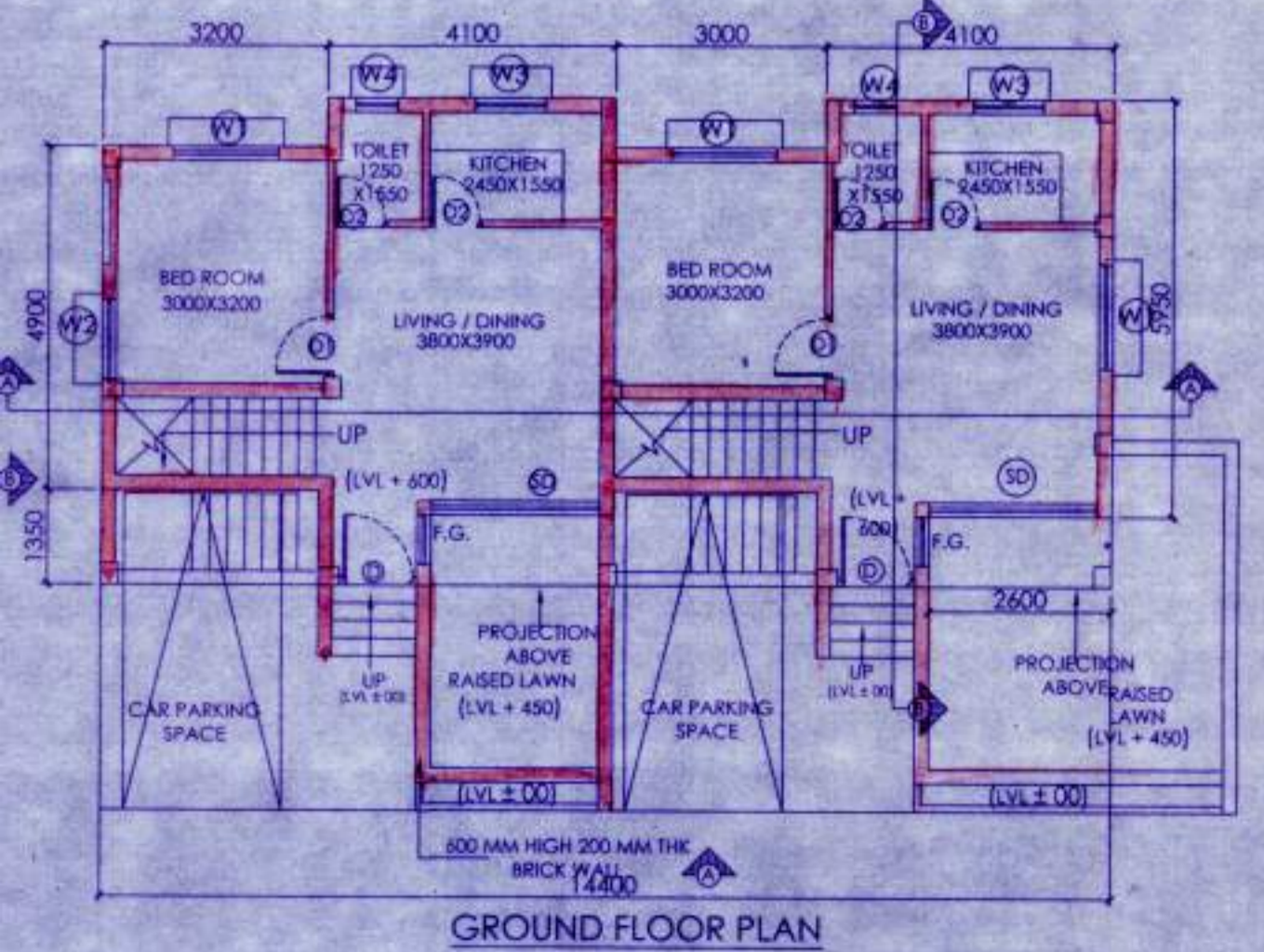
TITLE :
 GROUND FLOOR PLAN , FIRST FLOOR PLAN , ROOF PLAN , SECTION AA , SECTION BB , ELEVATION A & ELEVATION B

DRAWN BY :	SHAYAMA / TANIA
CHECKED BY :	ATANU C.
SCALE : 1 : 100	DATE-07.12.16
SUBMISSION DRAWING	
DRAWING NO.	REVISION NO.
GEMS-SANC-ARC-PR 6 - BUNGALOW-(9,10,11,12) / 02	



DOOR			
MARKED	WIDTH	LINTEL	SPECI.
D	1100	2100	
D1	900	2100	
D2	750	2100	
SD	2400	2100	
SD1	1500	2100	

WINDOW			
MARKED	WIDTH	HEIGHT	SILL
W1	1500	1500	600
W2	1150	1200	900
W3	1200	1000	1100
W4	600	900	1200
F.G.	700	900	1200



APPROVAL :

Approved
 (KARTICK NASKAR)
 Pradhan
 Rasapunja Gram Panchayat
 Thakurpukur-Maheshhtala Block
 South 24 Parganas

PROPOSED TWO STORIED BUNGALOW AT R.S. DAG NO. 385(P),418(P) MOUZA-NOWABAD,J.L. NO -19,UNDER P.S. BISHNUPUR ,P.O. RASAPUNJA, DIST- SOUTH 24 PARGANAS, UNDER RASAPUNJA GRAM PANCHAYAT.

AREA OF LAND : 6 KATHA - 4 CHATTAK - 20 SQ.FT. = 419.92 SQ.MT = 4520 SQ.FT.

AREA STATEMENT OF ONE BUNGALOW :
 GROUND FLOOR BUILT UP AREA = 45.3 SQ.M = 488 SQ.FT.
 FIRST FLOOR BUILT UP AREA = 42.74 SQ.M = 460 SQ.FT.
 TOTAL BUILT UP AREA = (45.3+42.74)SQ.M = 88.04 SQ.M = 948 SQ.FT.
 OPEN TERRACE AREA =(4.56)SQ.M = 49 SQ.FT.
 NUMBER OF PARKING = 1 NOS.

TOTAL NUMBER OF BUNGALOWS = 4 NOS.
 TOTAL BUILT UP AREA OF 4 NOS BUNGALOWS = (88.04 X 4)SQ.M = 352 SQ.M = 3791 SQ.FT.
 TOTAL NOS OF PARKING = 4 NOS.

I CERTIFY THAT ALL THE ARCHITECTURAL DRAWINGS OF PROPOSED TWO STORIED BUNGALOW AT R.S. DAG NO. 385(P),418(P) MOUZA- NOWABAD,J.L. NO -19,UNDER P.S. BISHNUPUR ,P.O. RASAPUNJA, DIST- SOUTH 24 PARGANAS, UNDER RASAPUNJA GRAM PANCHAYAT, HAVE BEEN PREPARED BY ME COMPLYING WITH THE PROVISIONS OF THE NATIONAL BUILDING CODE 2005 AND THE WEST BENGAL MUNICIPAL BUILDING RULES 2007. NO SUCH WRONG AND INCORRECT INFORMATION HAS BEEN FURNISHED BY ME INCLUDING AREA CALCULATION CHARTS IN THIS DRAWINGS AND NO VIOLATION OF THE PROVISIONS OF THESE RULES WILL BE FOUND IN ANY OF THE DRAWINGS AND DOCUMENTS, SUBMITTED TO THE SANCTIONING AUTHORITY FOR OBTAINING SANCTIONS.

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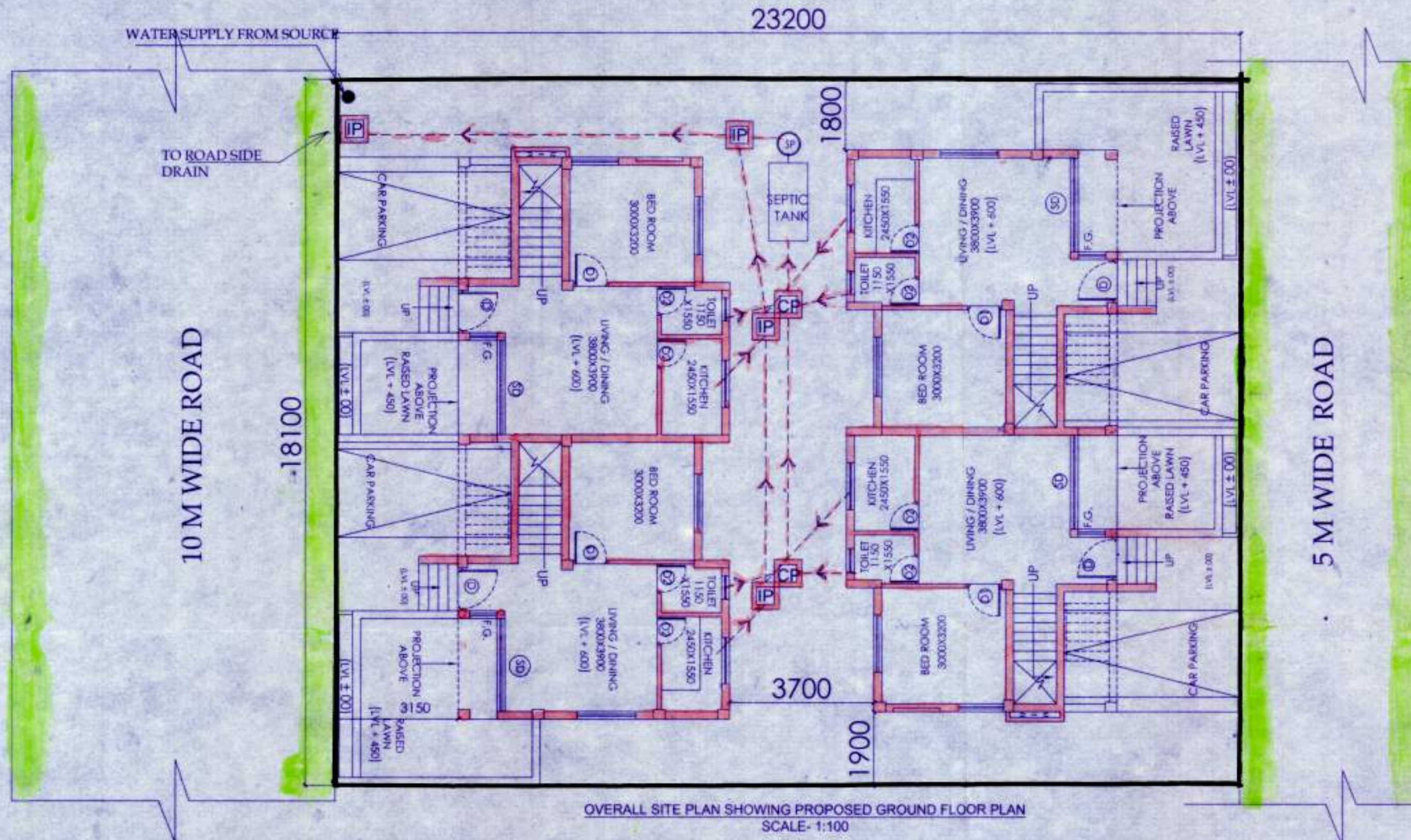
Signature of Architect / Engineer

Shiv Niketan Pvt. Ltd.
Shiv Niketan Pvt. Ltd.
 Director

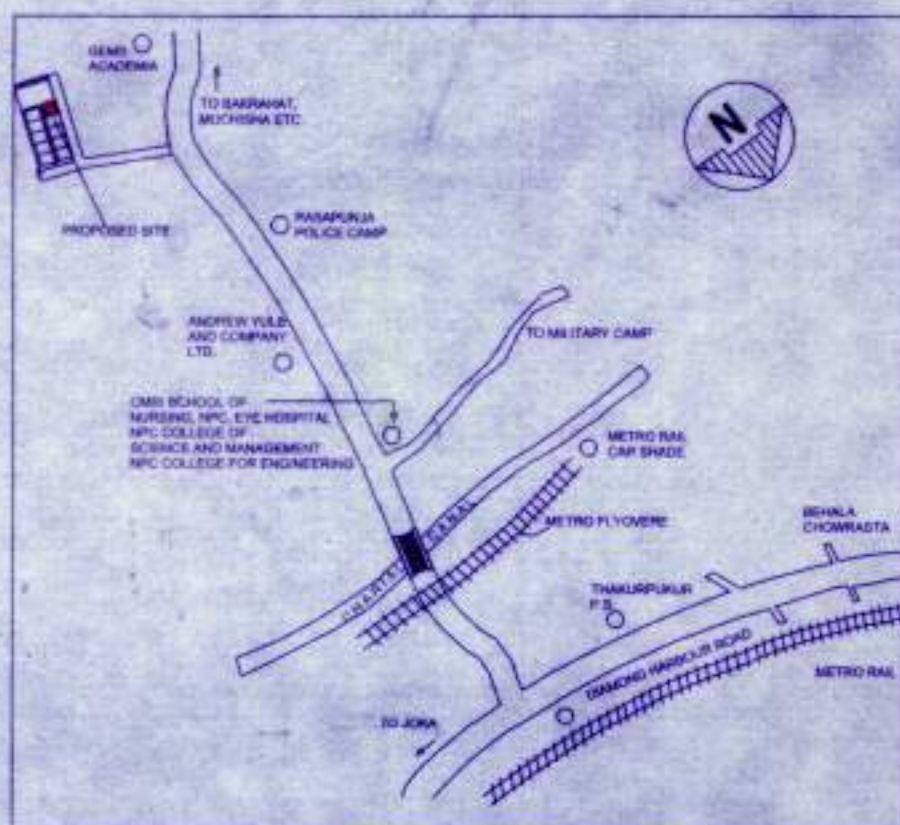
AUTHORIZED SIGNATORY

TITLE :
 OVERALL SITE PLAN SHOWING PROPOSED GROUND FLOOR PLAN , SITE PLAN , LOCATION PLAN , SEPTIC TANK DETAIL.

DRAWN BY :	SHAYAMA / TANIA
CHECKED BY :	ATANU C.
SCALE : 1 : 100	DATE-07.12.16
SUBMISSION DRAWING	
DRAWING NO.	REVISION NO.
GEMS-SANC-ARC-PR 6 - BUNGALOW-(9,10,11,12) / 01	



OVERALL SITE PLAN SHOWING PROPOSED GROUND FLOOR PLAN
 SCALE- 1:100



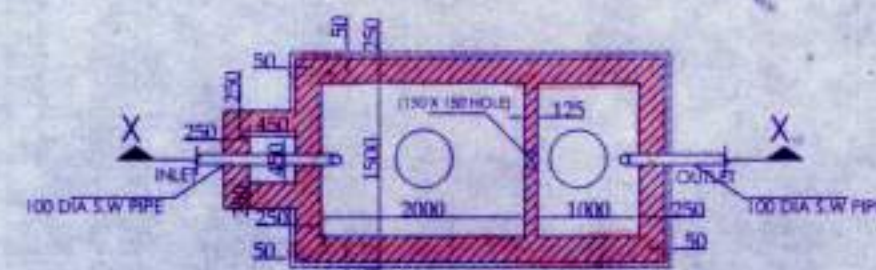
LOCATION PLAN
 SCALE - 1:4000



SITE PLAN
 SCALE- 1:600



SECTION OF SEPTIC TANK



PLAN OF SEPTIC TANK
 (for 30 users)



Approved
Kartick Naskar
 - 20/02/17

(KARTICK NASKAR)
 Pradhan
 Rasapunja Gram Panchayat
 Thakurpukur-Maheshtala Block
 South 24 Parganas