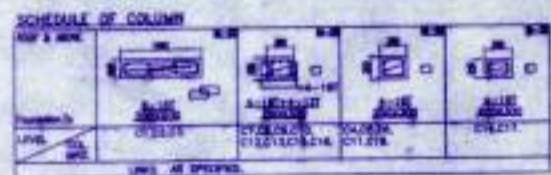
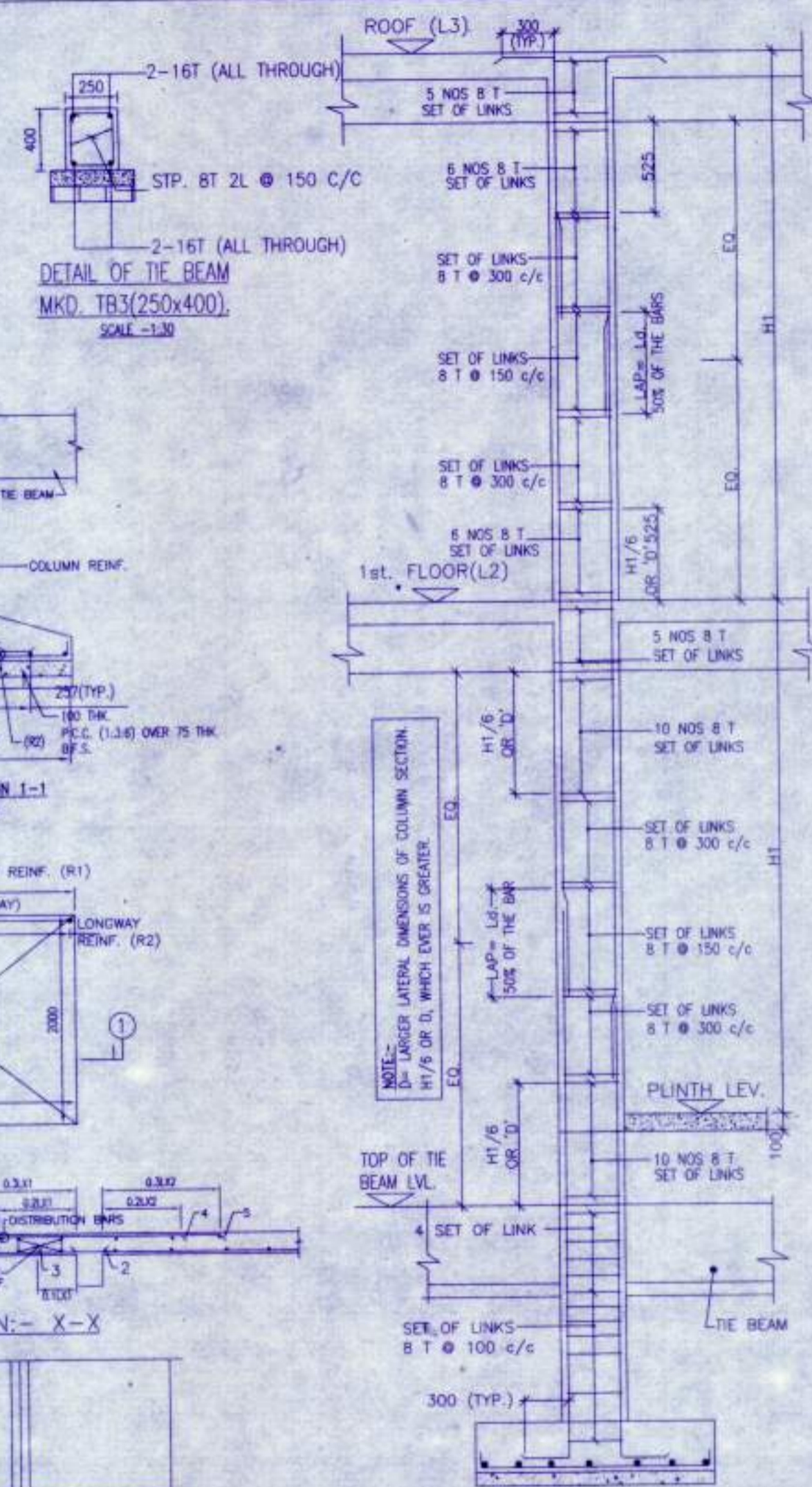
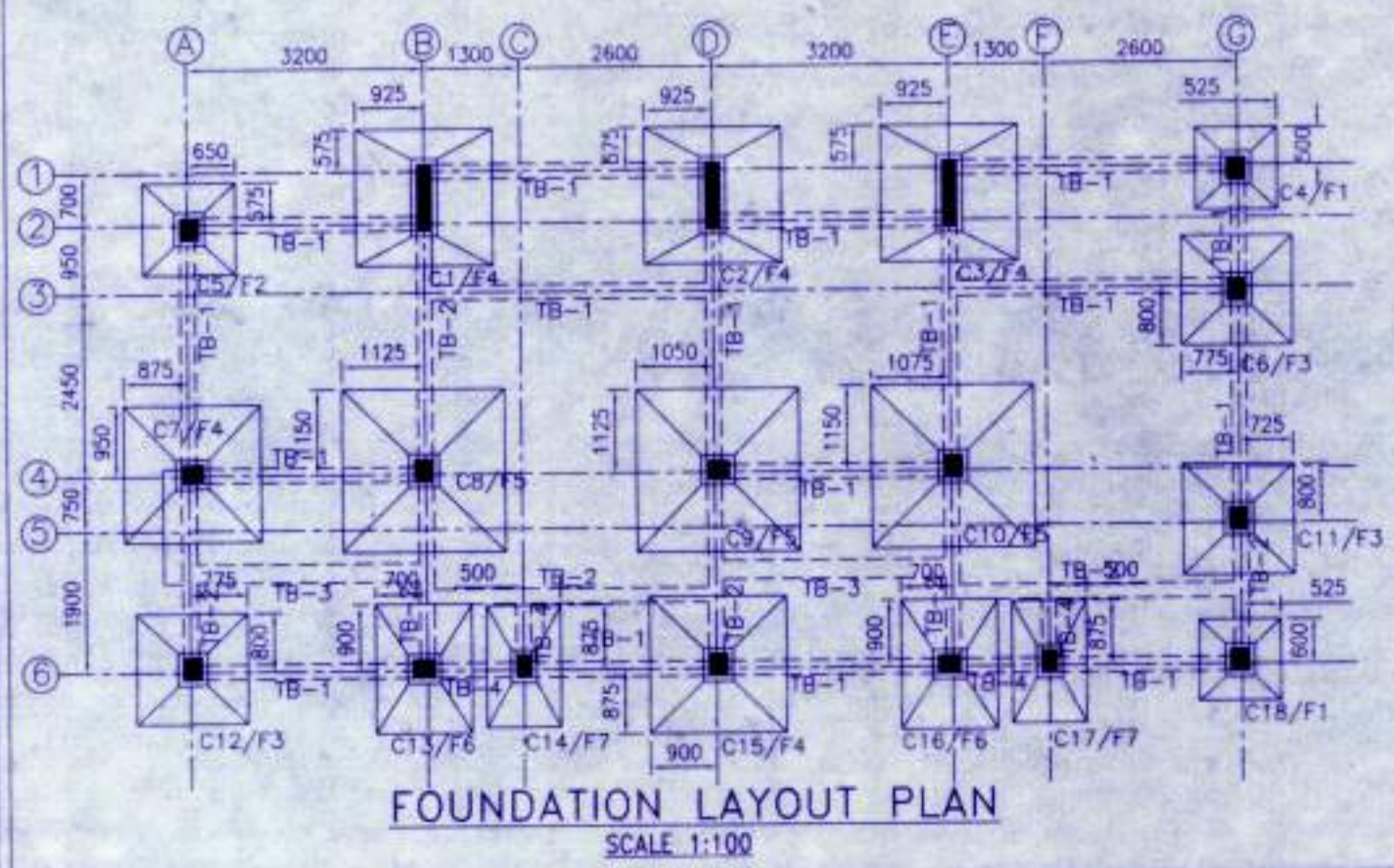
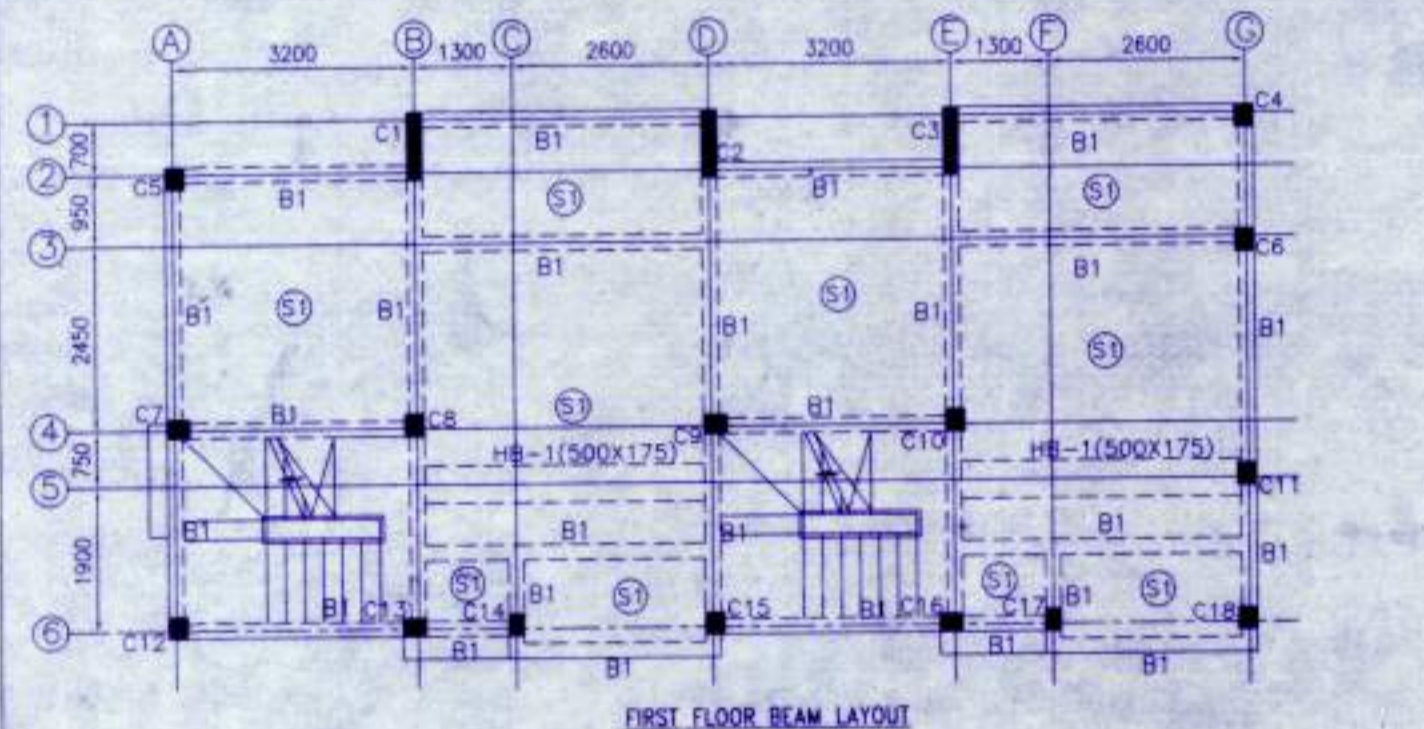
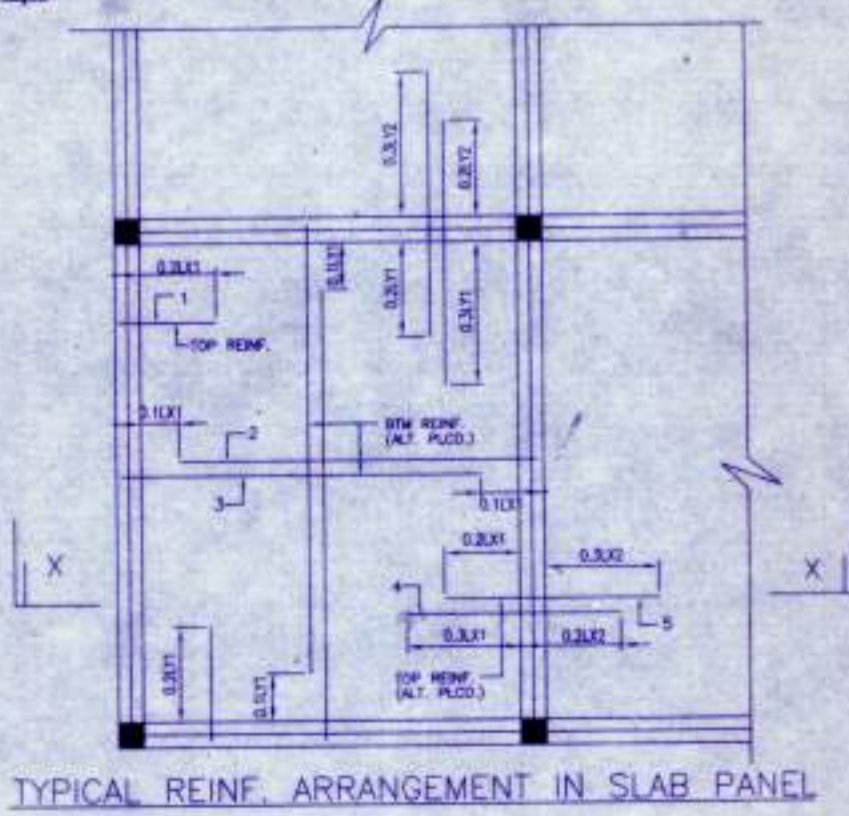
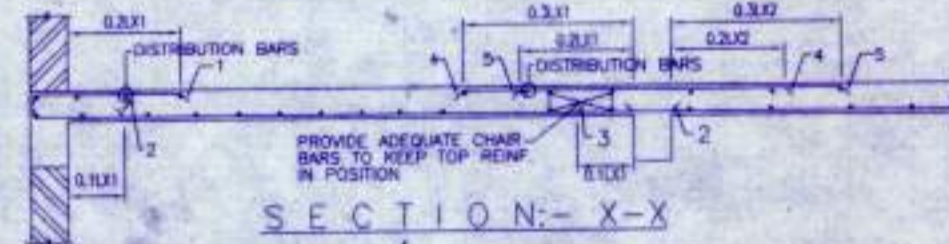
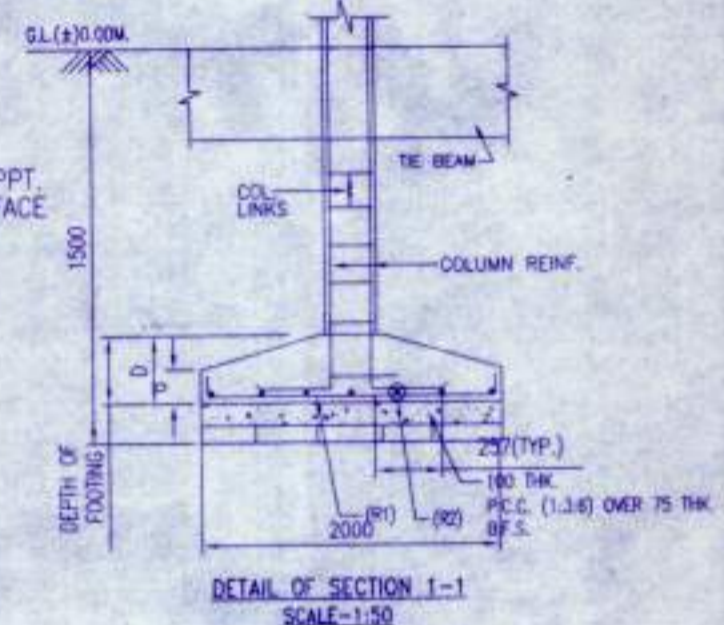
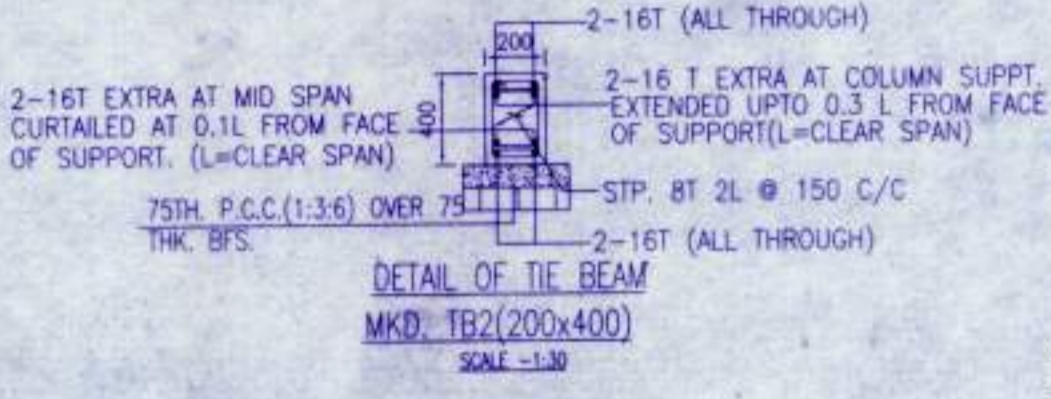
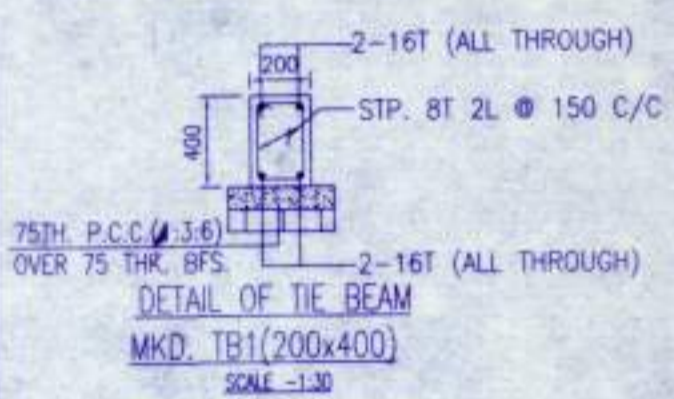


SCHEDULE OF FLOOR AND ROOF SLAB			
PANEL MKD.	REINFORCEMENT IN SHORTER DIRECTION	REINFORCEMENT IN LONGER DIRECTION	
S1(115 TK.)	8 TOR $\phi 100$ C/C(Top) 8 TOR $\phi 125$ C/C(Bott.)	8 TOR $\phi 125$ C/C(Top) 8 TOR $\phi 150$ C/C(Bott.)	

BEAM SCHEDULE						
GRADE OF CONCRETE - M20						
BEAM MKD.	BEAM SIZE	REINFT. AT SUPPT.	REINFT. AT SPAN	STIRRUPS		
	WIDE	DEPTH	TOP	BOTTOM	SUPPORT	SPAN
B1	200	300	3-16 T 2-12 T	3-16 T 2-12 T	8 T $\phi 100$ /C 8 T $\phi 200$ /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 $\phi 150$ C/C	10 T $\phi 150$ C/C
F2	1250x1250	200	150	10 T $\phi 150$ C/C	10 T $\phi 150$ C/C
F3	1500x1500	200	150	10 T $\phi 150$ C/C	10 T $\phi 150$ C/C
F4	1850x1850	250	150	10 T $\phi 100$ C/C	10 T $\phi 100$ C/C
F5	2250x2250	350	200	10 T $\phi 100$ C/C	10 T $\phi 100$ C/C
F6	1750x1300	250	150	10 T $\phi 100$ C/C	10 T $\phi 100$ C/C
F7	1650x1000	250	150	10 T $\phi 100$ C/C	10 T $\phi 100$ C/C

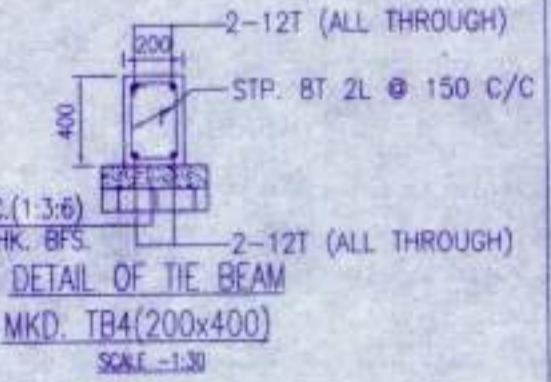


APPROVAL:

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

20/02/17

- 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, MOD 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 RT  $\phi 250$  C/C AND TO BE PROVIDED.
  - ALL CHAIRS ARE 10T AND TO BE PROVIDED WHEREVER REQUIRED.
  - ALL SPACER BARS ARE 25T  $\phi 300$  C/C AND TO BE PROVIDED.
  - LAPS, SPLICES & 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   |
- 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. 418(P) MOUGA-KOWABAD, J.L. NO. 18 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. 418(P) MOUGA-KOWABAD, J.L. NO. 18 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 AND THE WEST BENGAL BUILDING REGULATIONS, 1956 AND ALL NECESSARY WORKING AND REINFORCEMENT DRAWINGS HAVE BEEN PROVIDED BY ME. PROVISIONAL AREA CALCULATION WITH THIS DRAWINGS AND MY VALIDATION OF THE PROVISIONAL AREA SHALL BE VALID IN ALL PARTS OF THE DRAWINGS AND I SHALL BE RESPONSIBLE TO THE SANCTIONING AUTHORITY FOR OBTAINING SANCTION.

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

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:	SHYAMA TARA
CHECKED BY:	ASAC/C.
SCALE: 1:50	DATE: 02/02/17
DRAWING NO:	SUBMISSION DRAWING
REVISION NO:	

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

I CERTIFY THAT ALL THE ARCHITECTURAL DRAWINGS OF PROPOSED TWO STORIED BUNGALOW AT R.S. DAG NO. 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.

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

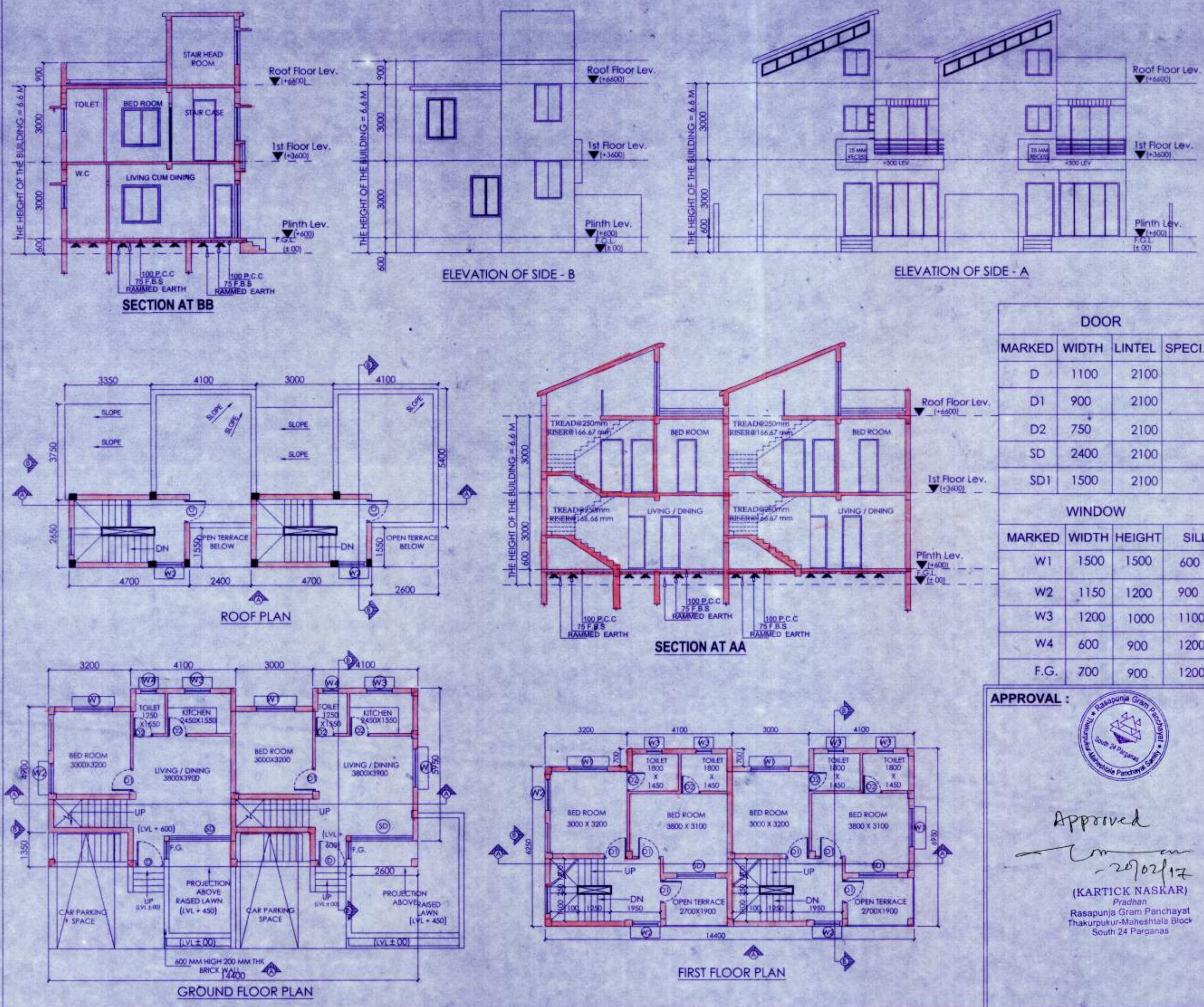
Signature of Architect / Engineer

*Shiv Niketan Pvt. Ltd.*  
*Shiv Niketan*  
 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-07.12.18
<b>SUBMISSION DRAWING</b>	
DRAWING NO.	REVISION NO.
GEMS-SANC-ARC-PR 6 - BUNGALOW-(21,22,39,40) / 01-	



**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  
*(Signature)*  
 -29/02/17  
**(KARTICK NASKAR)**  
 Pradhan  
 Rasapunja Gram Panchayat  
 Thakurpukur-Maheshitola Block  
 South 24 Parganas

**PROPOSED TWO STORIED BUNGALOW AT R.S. DAG NO. 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. 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.

*Rishu Gupta*  
**RISHU GUPTA**  
 ARCHITECT (B.Arch.)  
 Reg. No.-CA/2017/83723

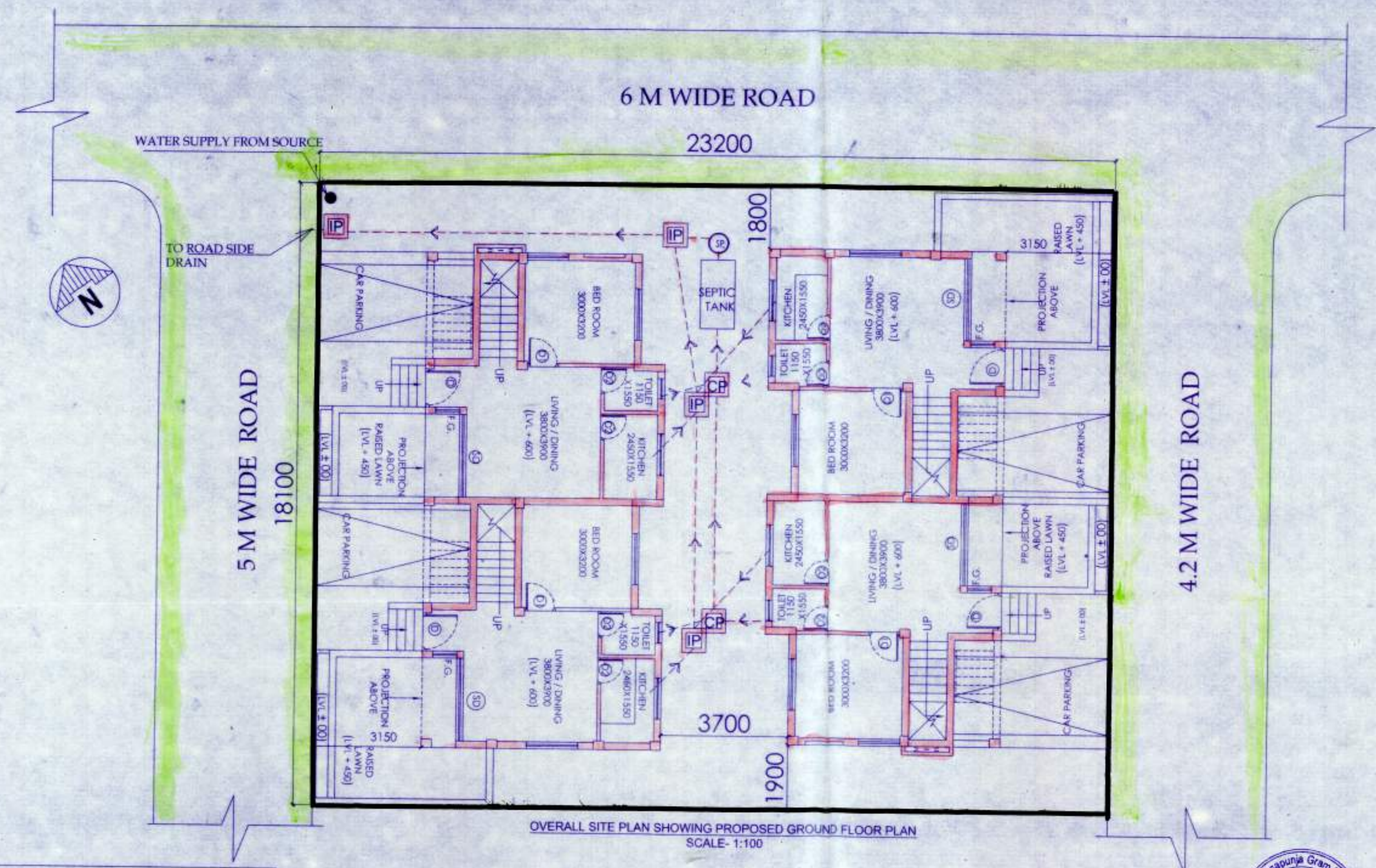
Signature of Architect / Engineer

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

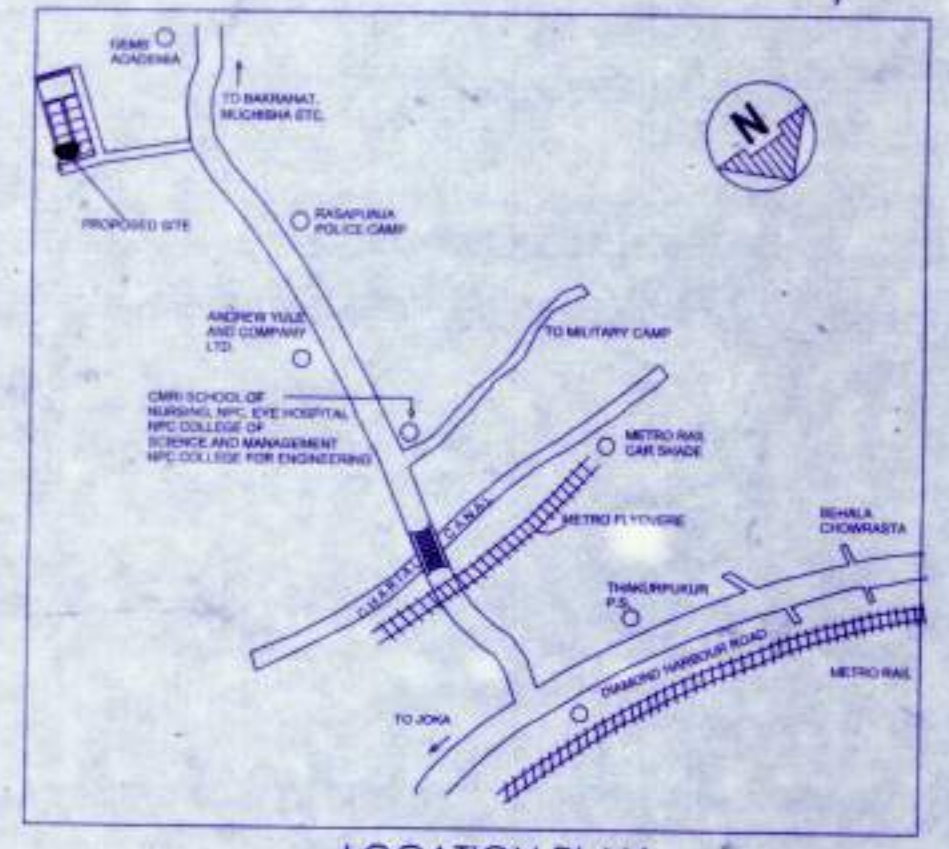
AUTHORIZED SIGNATORY

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

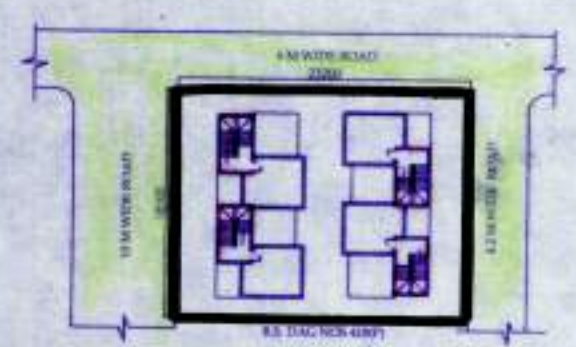
DRAWN BY :	SHAYAMA / TANIA
CHECKED BY :	ATANU C.
SCALE : 1 : 100	DATE 07.12.16
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DRAWING NO.	REVISION NO.
GEMS-SANC-ARC-PR 6 - BUNGALOW (21.22.39.40) / 01	



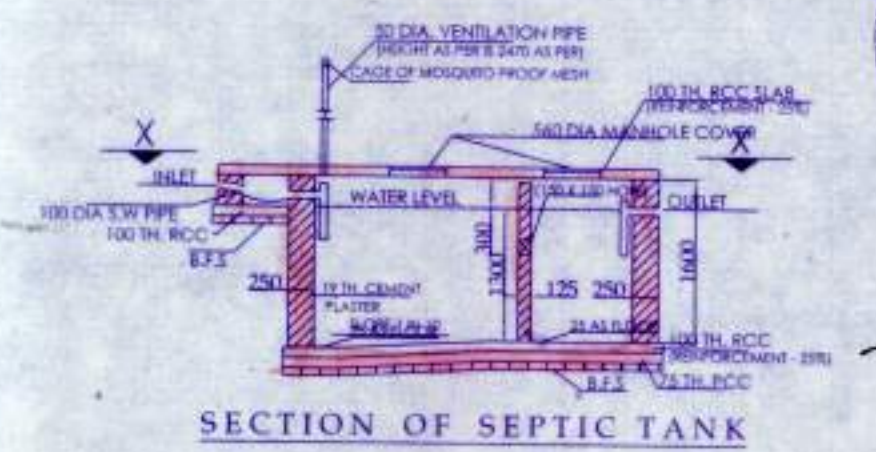
OVERALL SITE PLAN SHOWING PROPOSED GROUND FLOOR PLAN  
 SCALE- 1:100



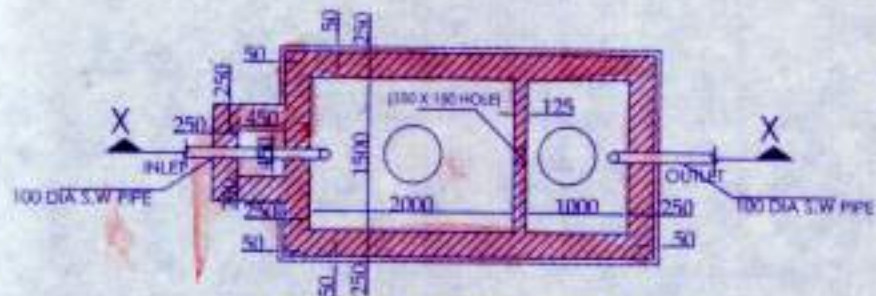
LOCATION PLAN  
 SCALE - 1:4000



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