

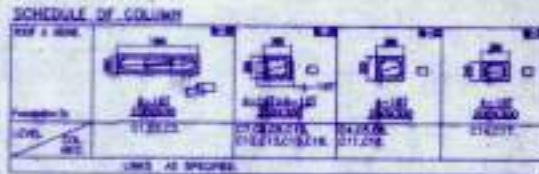
SCHEDULE OF FLOOR AND ROOF SLAB

| PANEL MKD. | REINFORCEMENT IN SHORTER DIRECTION | REINFORCEMENT IN LONGER DIRECTION |
|-------------|--|--|
| S1(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

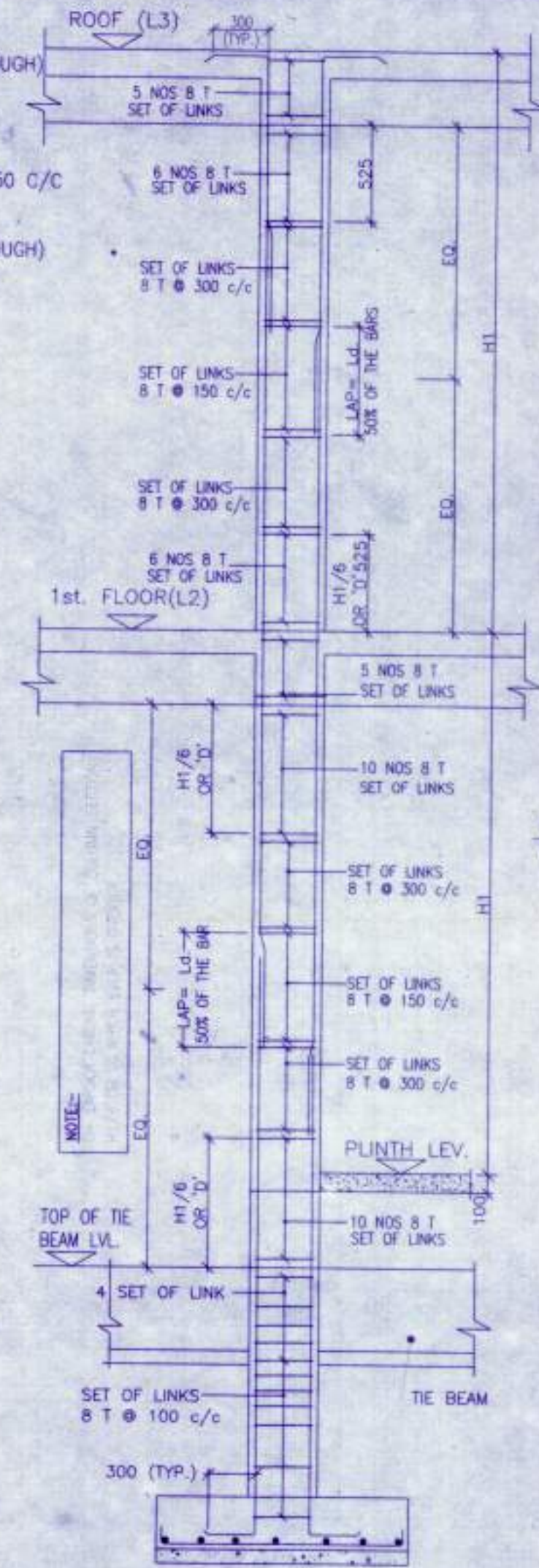
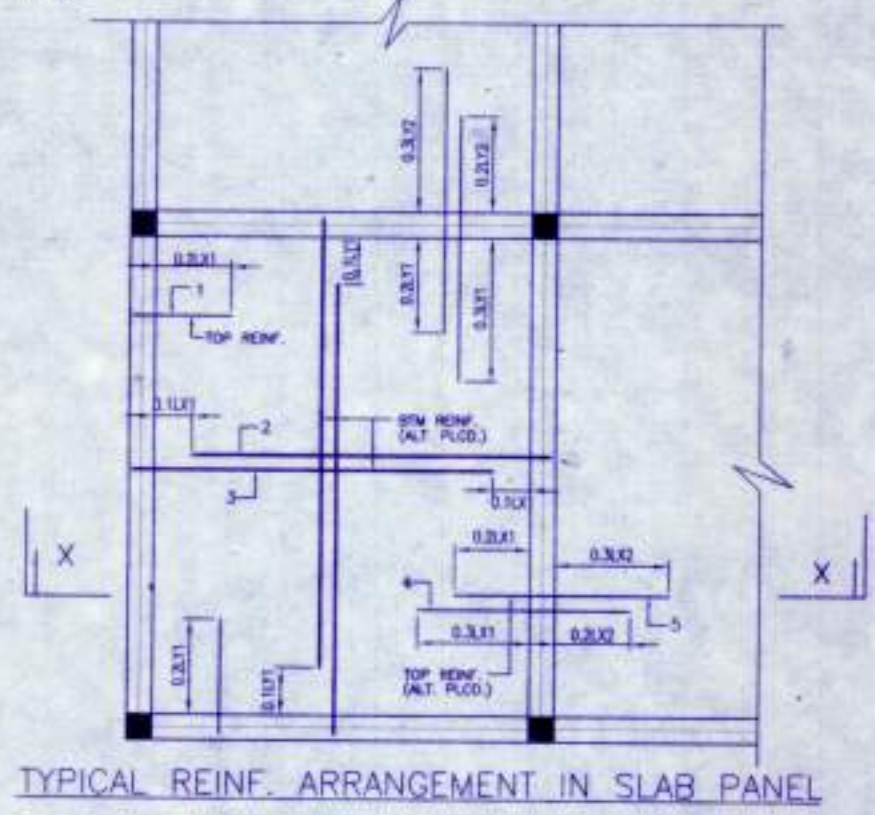
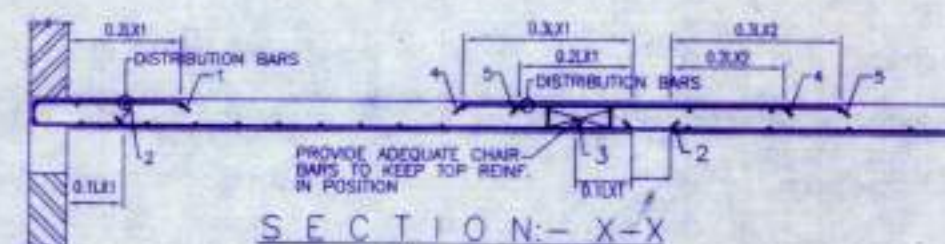
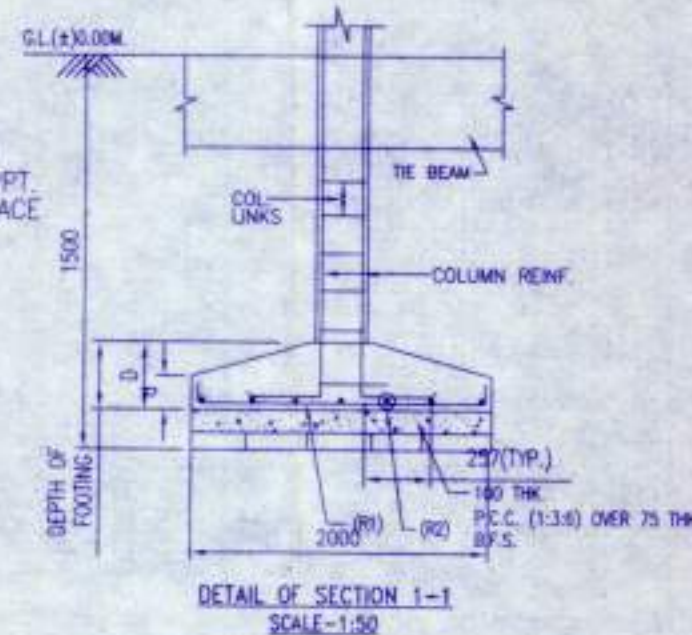
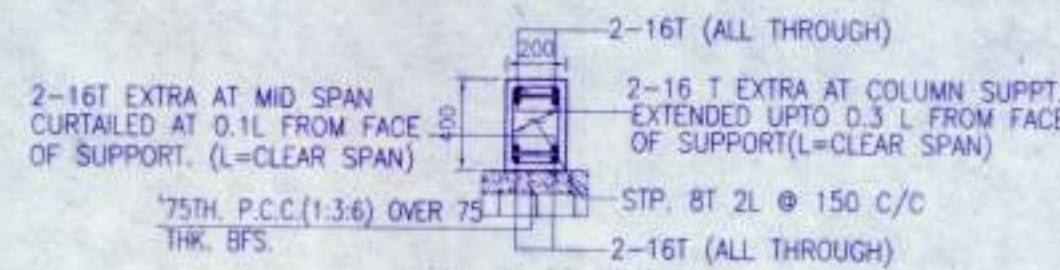
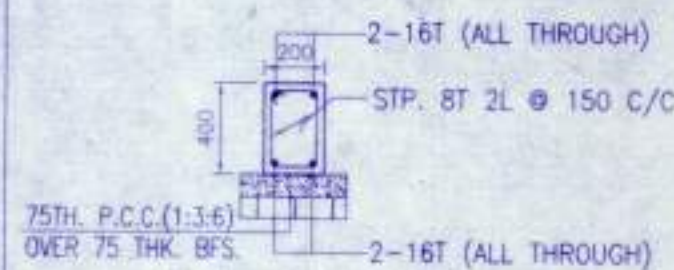
GRADE OF CONCRETE - M20

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



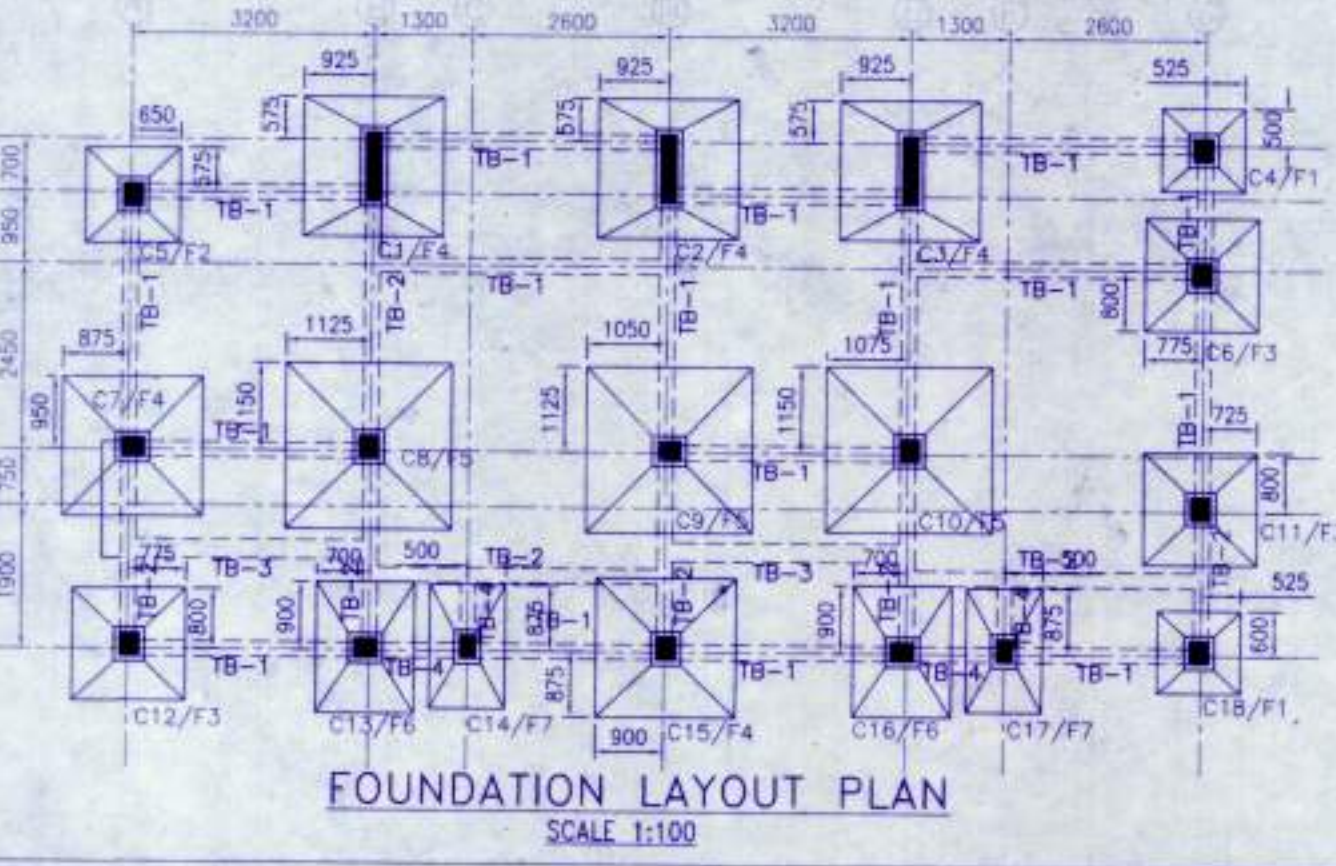
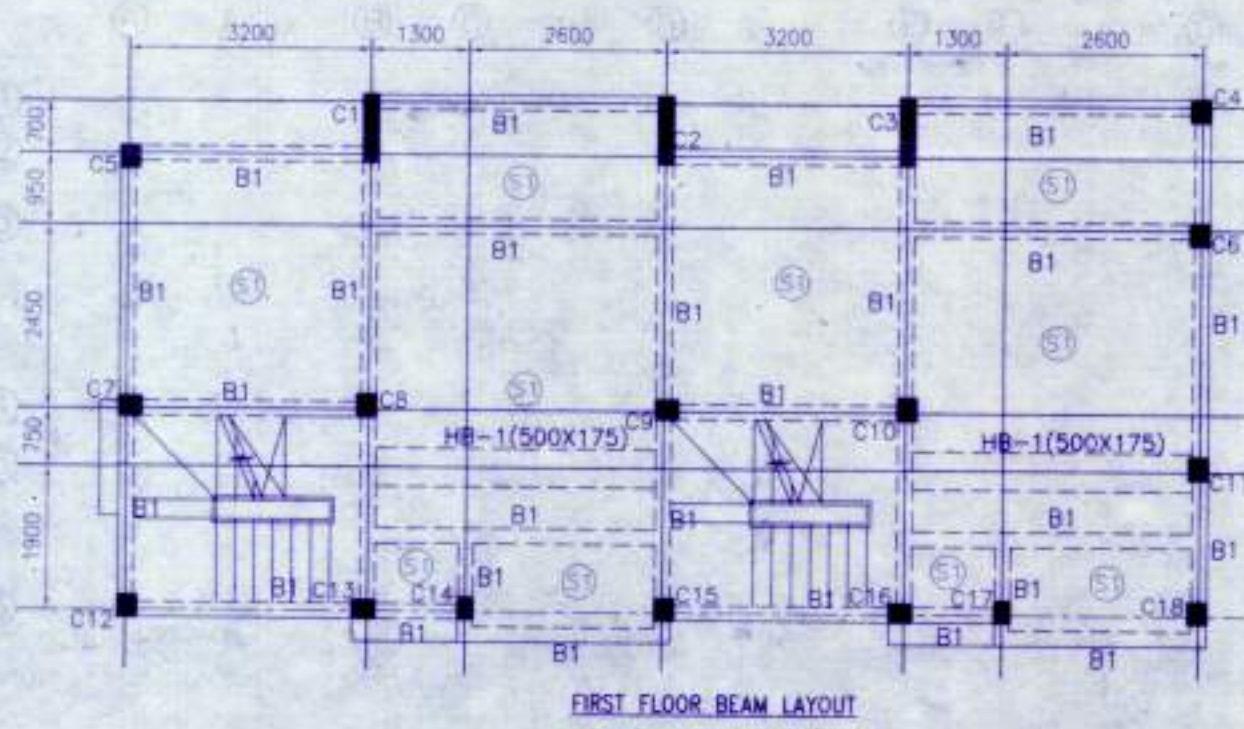
SCHEDULE OF FOOTING

| 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 |



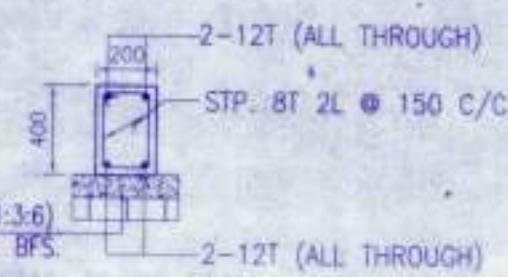
APPROVAL:

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



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.
 - 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 8T @ 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, 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 1.170-1.2 BEFORE CASTING OF PILE.



PROPOSED TWO STORED BUNGALOW AT R.S. DAG NO. 387(P) 418(P) MOUZA-NOWABAD,J.L. NO-18,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 STORED BUNGALOW AT R.S. DAG NO. 387(P) 418(P) MOUZA-NOWABAD,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 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
 ARCHITECT (B.Arch.)
 Reg. No.-CA/2017/83723

Signature of Architect / Engineer
(Signature)
 Shiv Niketan Pvt. Ltd.
 Director

SIGNATURE OF THE OWNER

(Signature)

| | |
|-------------|--|
| 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 | SHIV NIKETAN |
| CHECKED BY | ATANK |
| SCALE | 1:100 |
| DATE | 02/11/16 |
| REVISION | NO. |
| DRAWING NO. | MEMS-DAYC-ARC-PB-8-BUNGALOW(1)-2-16/2017/01 |
| PROJ. NO. | |

PROPOSED TWO STORIED BUNGALOW AT R.S. DAG NO. 387(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. 387(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.

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

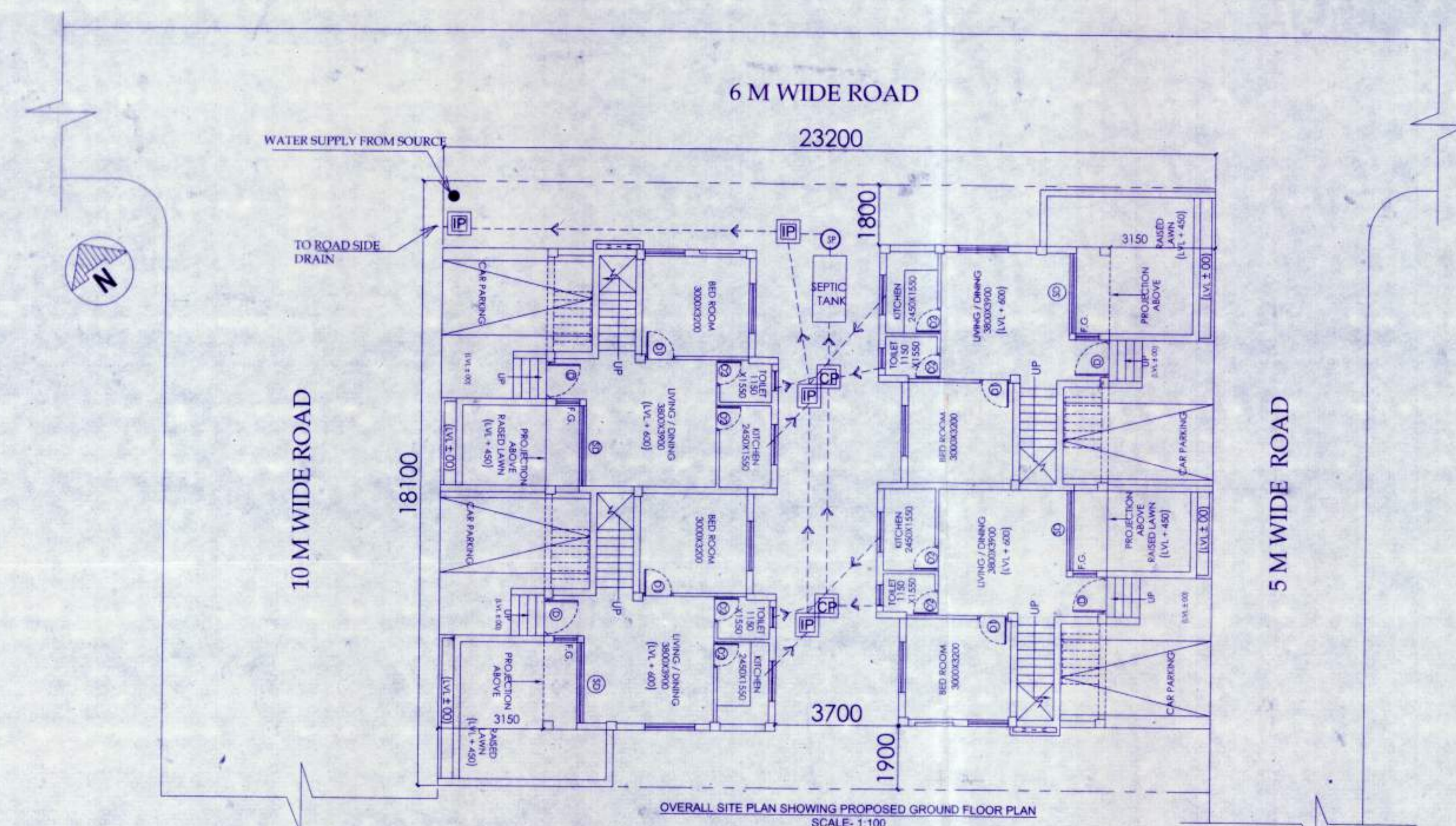
Signature of Architect / Engineer

Shiv Niketan Pvt. Ltd.
Asmita
 Director

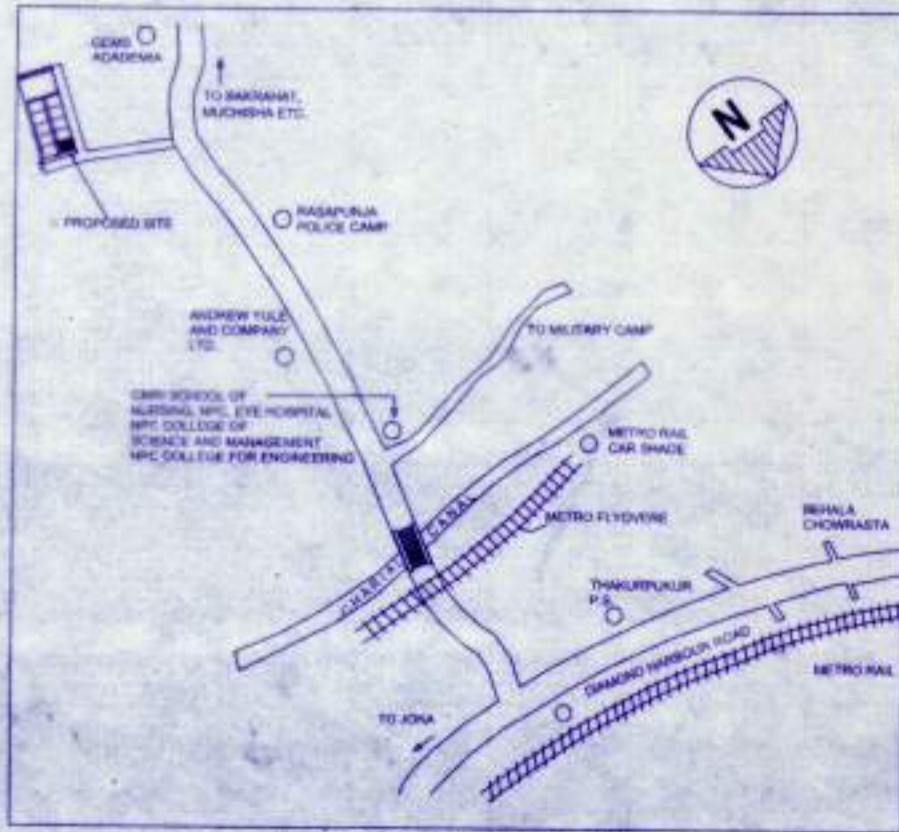
AUTHORIZED SIGNATORY

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

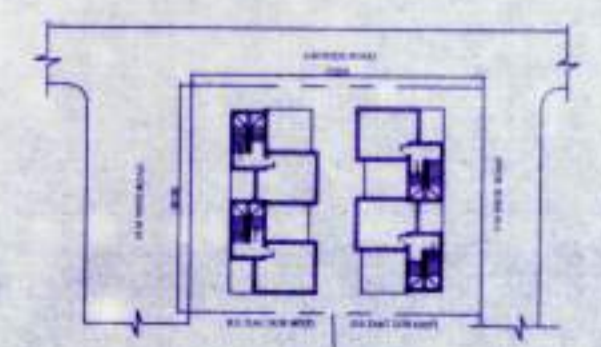
| | |
|--|-----------------|
| DRAWN BY : | SHAYAMA / TANIA |
| CHECKED BY : | ATANU C. |
| SCALE : 1 : 100 | DATE-07.12.16 |
| SUBMISSION DRAWING | |
| DRAWING NO. | REVISION NO. |
| GEMS-SANC-ARC-PR 6 - BUNGALOW-(1.2.19.20) / 01 | |



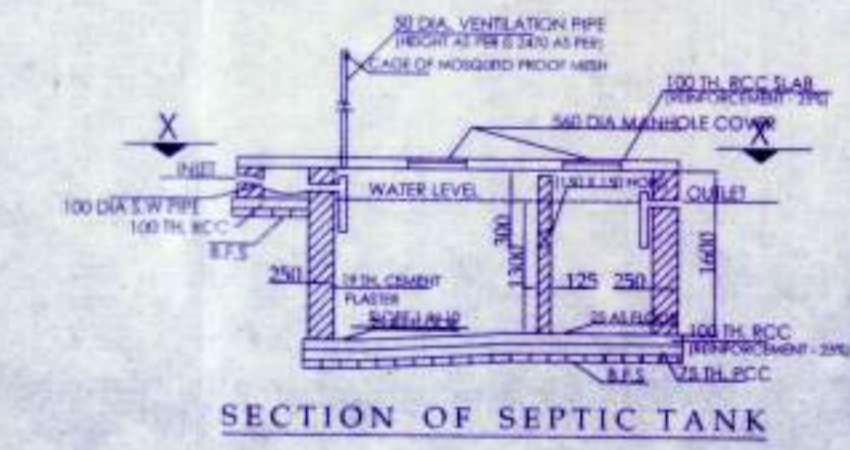
OVERALL SITE PLAN SHOWING PROPOSED GROUND FLOOR PLAN
 SCALE- 1:100



LOCATION PLAN
 SCALE - 1:4000



SITE PLAN
 SCALE- 1:600



SECTION OF SEPTIC TANK



PLAN OF SEPTIC TANK
 (for 30 users)



Approved

Kartick Naskar
 (KARTICK NASKAR)
 Pradhan
 Rasapunja Gram Panchayat
 Thakurpukur-Maheshatala Block
 South 24 Parganas

28/02/2017

PROPOSED TWO STORIED BUNGALOW AT
 R.S. DAG NO. 387(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 CERTIFY THAT ALL THE ARCHITECTURAL DRAWINGS OF
 PROPOSED TWO STORIED BUNGALOW AT R.S. DAG NO.
 387(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.

Rishi Gupta
RISHI GUPTA
 ARCHITECT (B.Arch.)
 CA/2017/83723

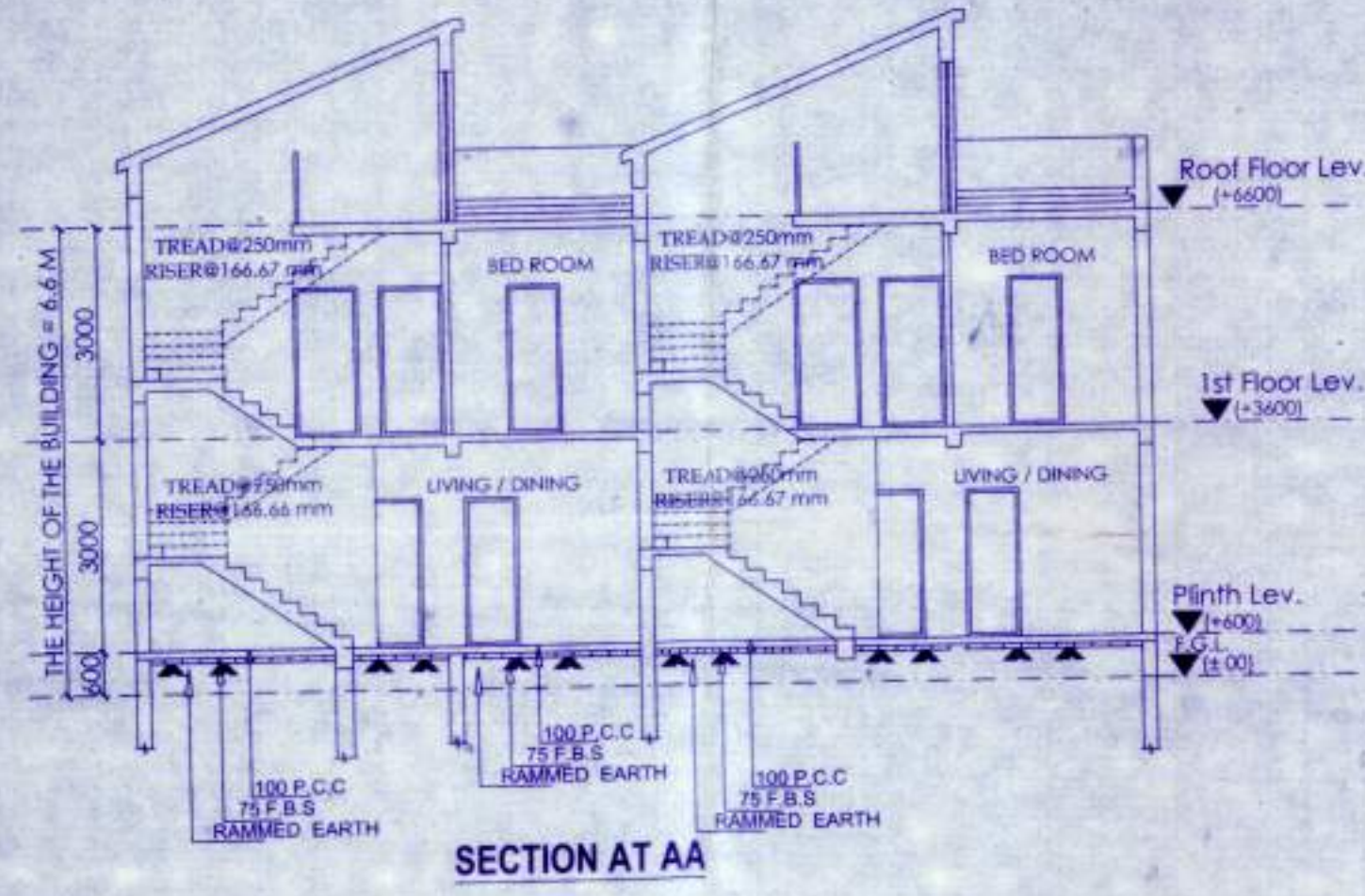
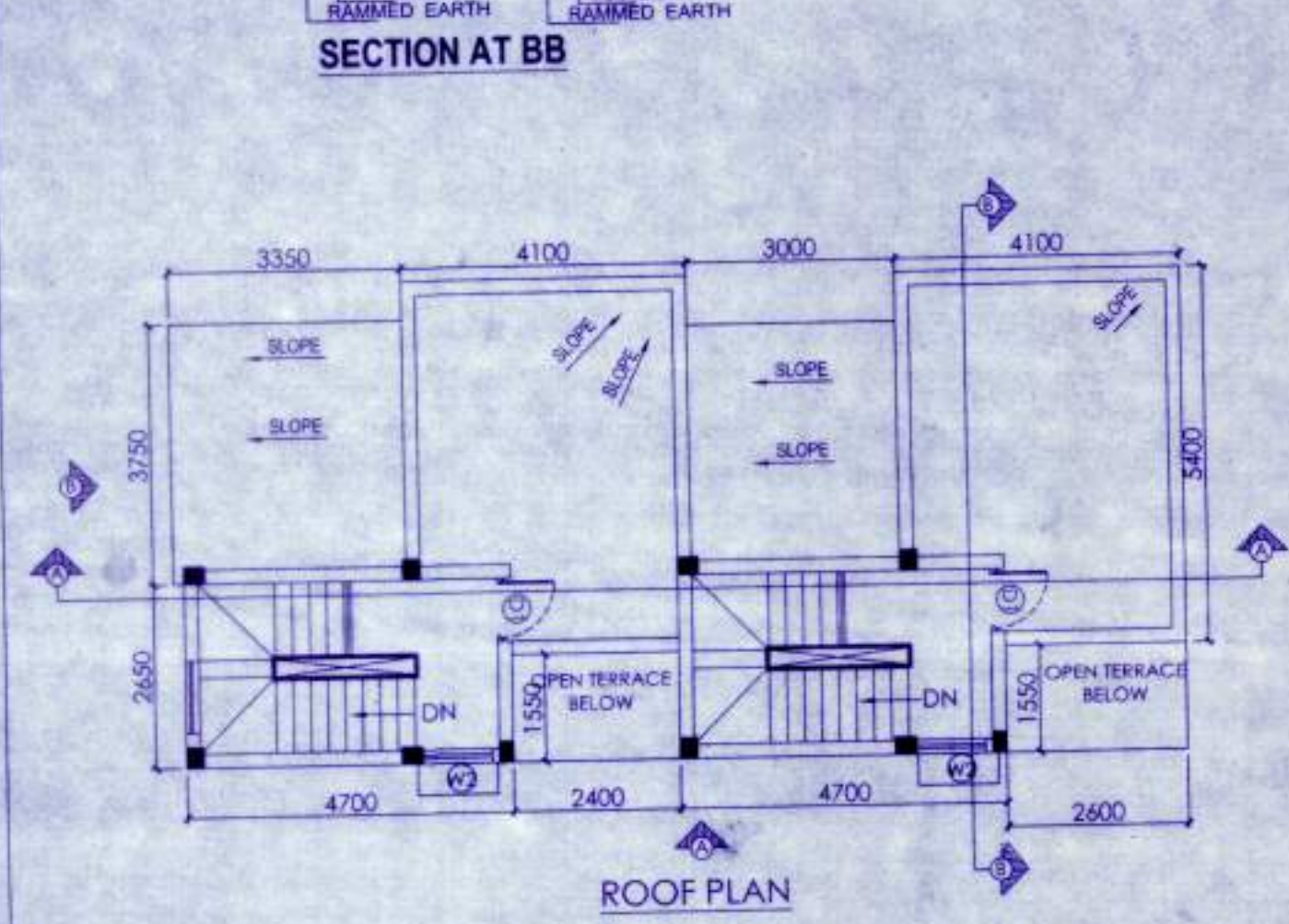
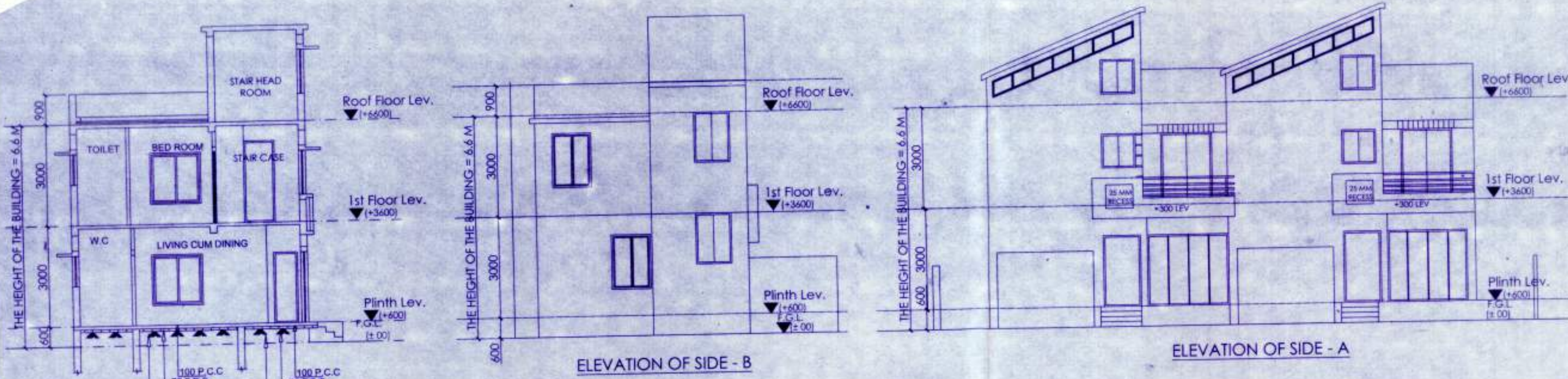
Signature of Architect / Engineer

Shiv Niketan Pvt. Ltd.
Shiv
 Director

AUTHORIZED SIGNATORY

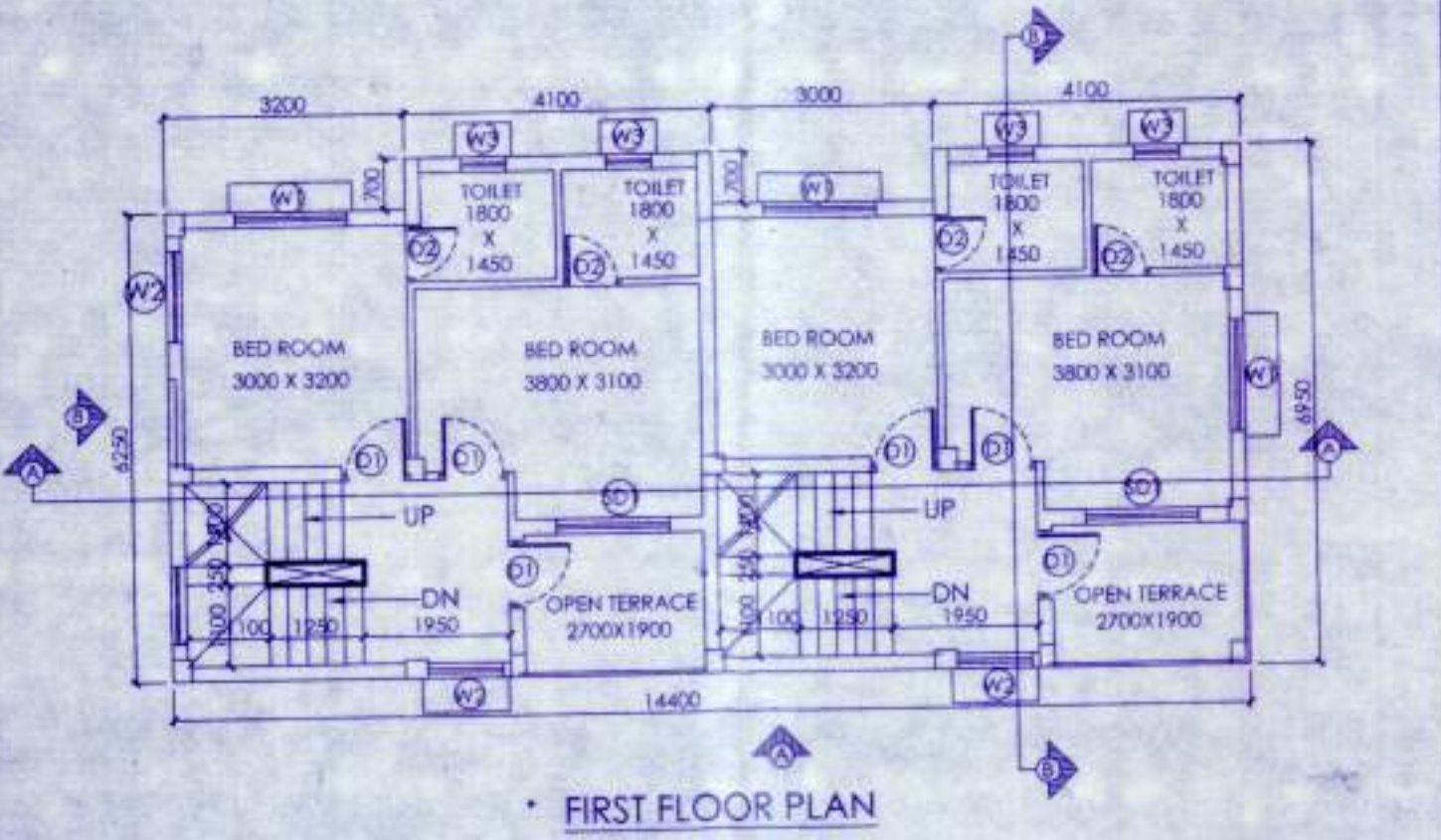
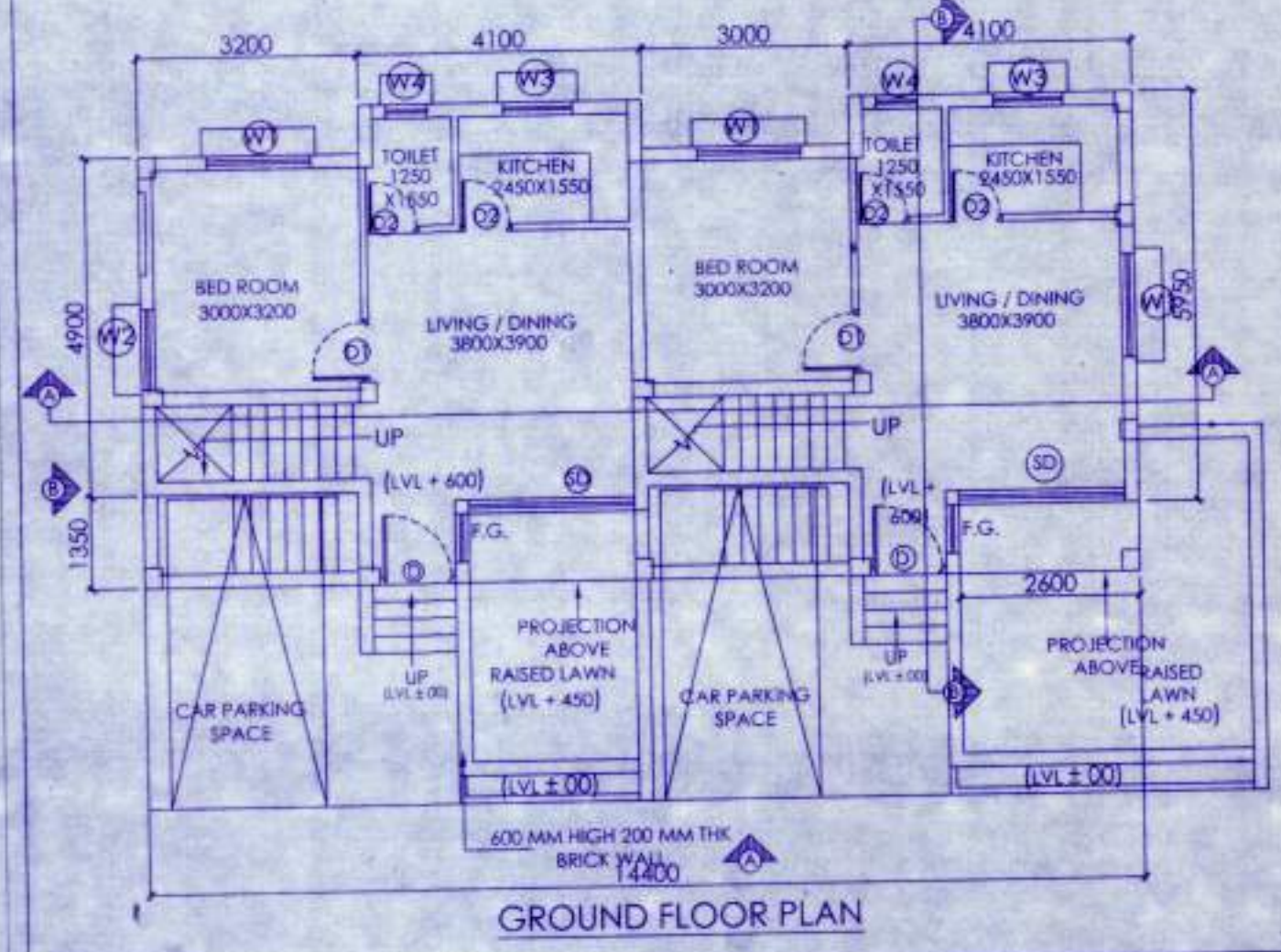
TITLE :
 GROUND FLOOR PLAN, FIRST FLOOR PLAN,
 ROOF PLAN, SECTION AA, SECTION BB
 ELEVATION A & ELEVATION B

| | |
|--|-----------------|
| DRAWN BY : | SHAYAMA / TANIA |
| CHECKED BY : | ATANU C |
| SCALE : 1 : 100 | DATE-07.12.18 |
| SUBMISSION DRAWING | |
| DRAWING NO. | REVISION NO. |
| GEMS-SANC-ARC-PR 6 - BUNGALOW-(1.2.19.20) / 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

20/02/17

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

