

SCHEDULE OF FLOOR AND ROOF SLAB

| PANEL MKD. | REINFORCEMENT IN SHORTER DIRECTION | REINFORCEMENT IN LONGER DIRECTION |
|------------|--|--|
| S1113 (1) | 8 TOR @ 150 C/C (TOP) 8 TOR @ 150 C/C (BOT) | 8 TOR @ 125 C/C (TOP) 8 TOR @ 150 C/C (BOT) |

BEAM SCHEDULE

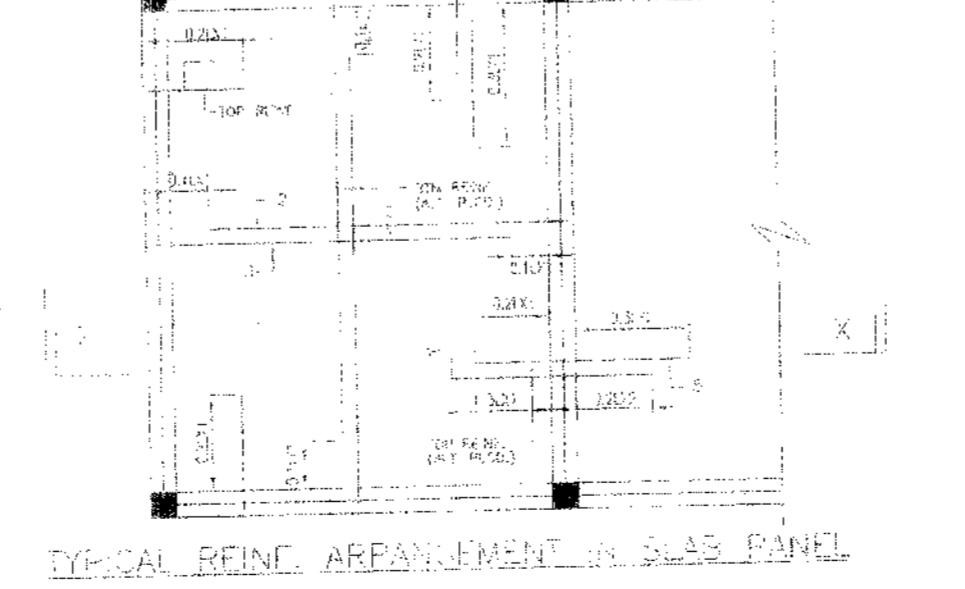
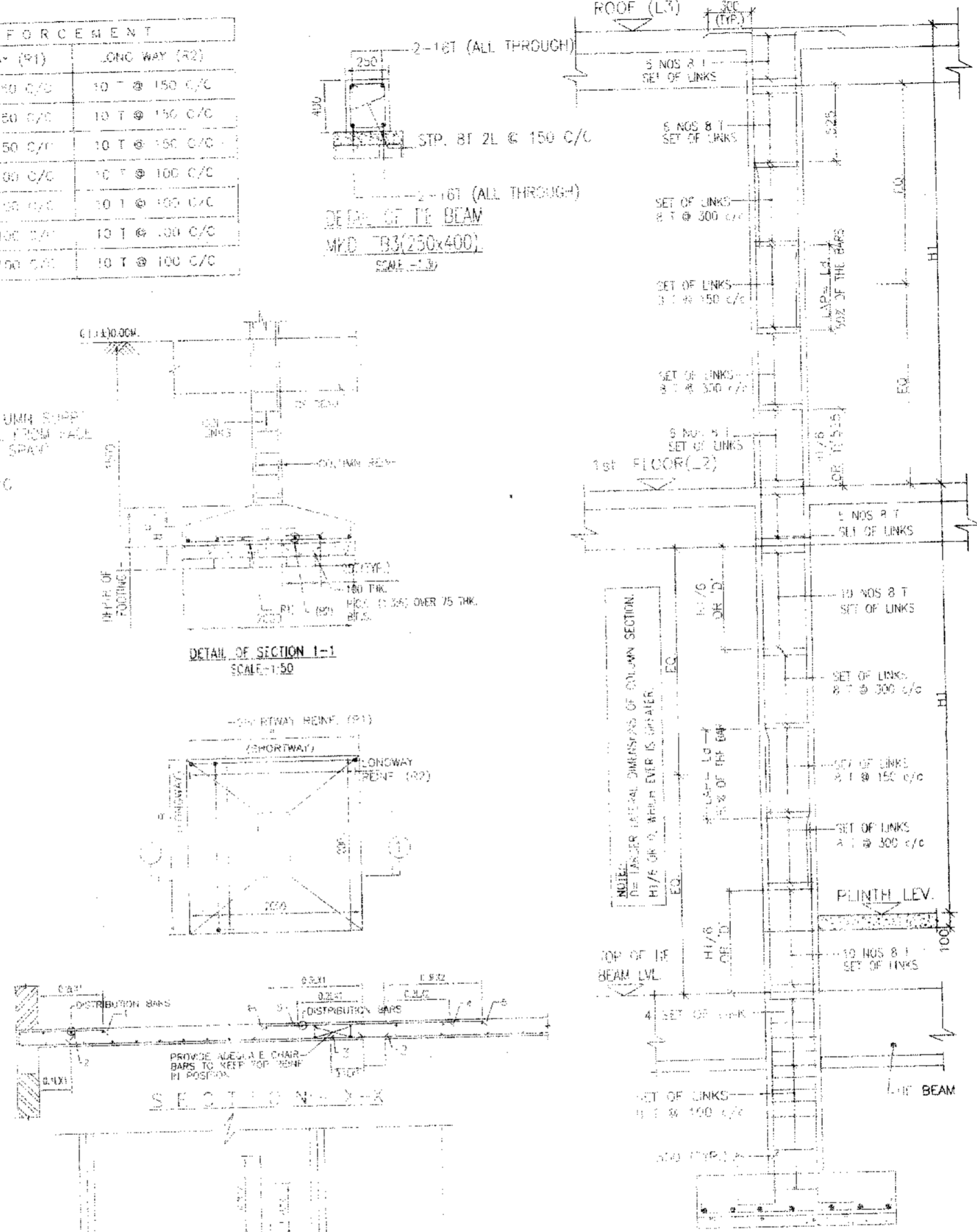
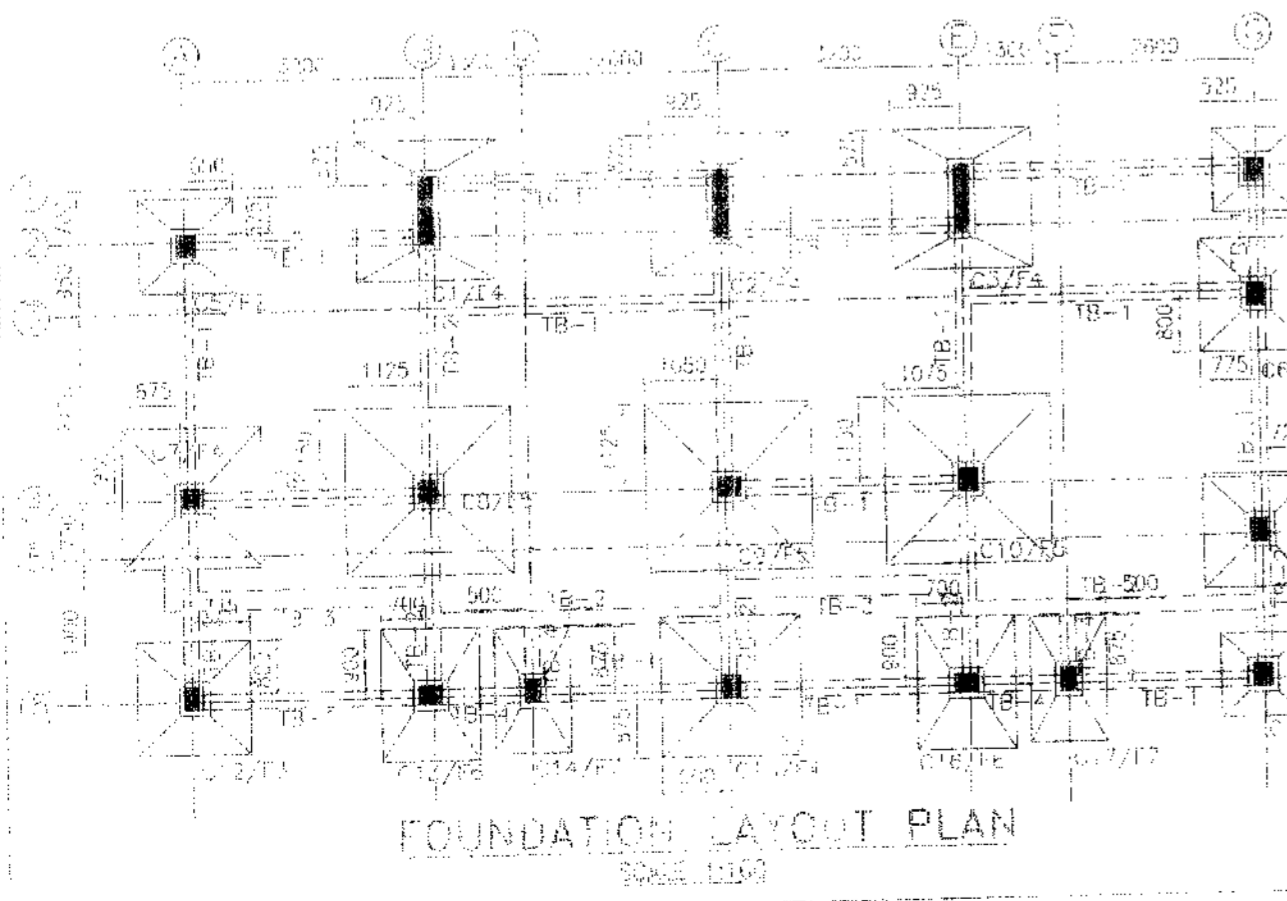
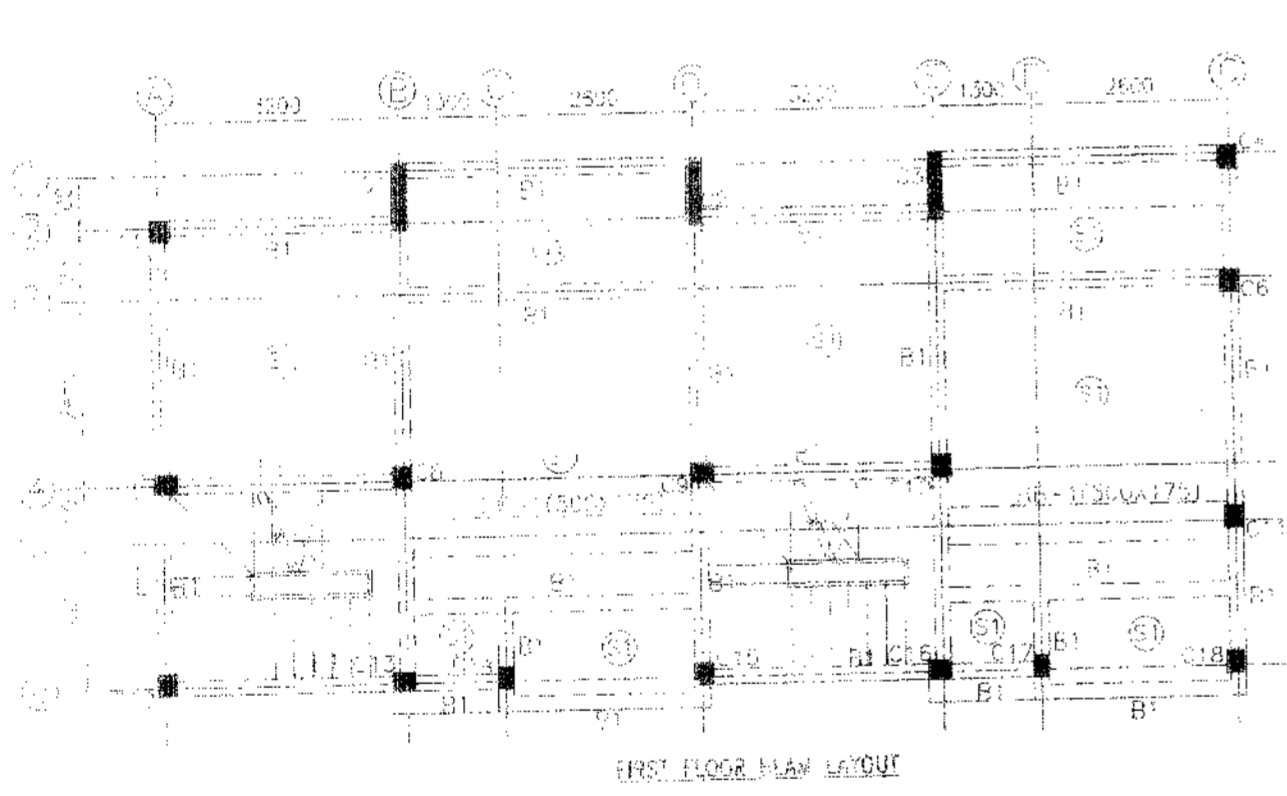
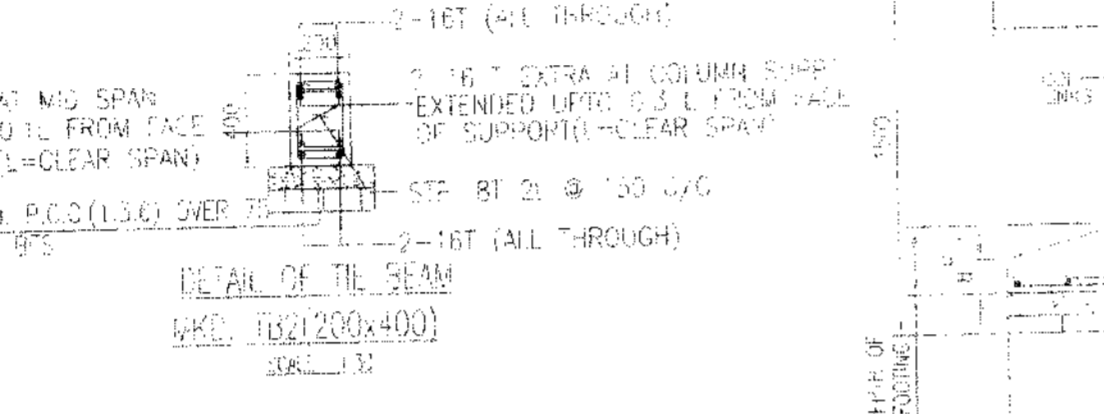
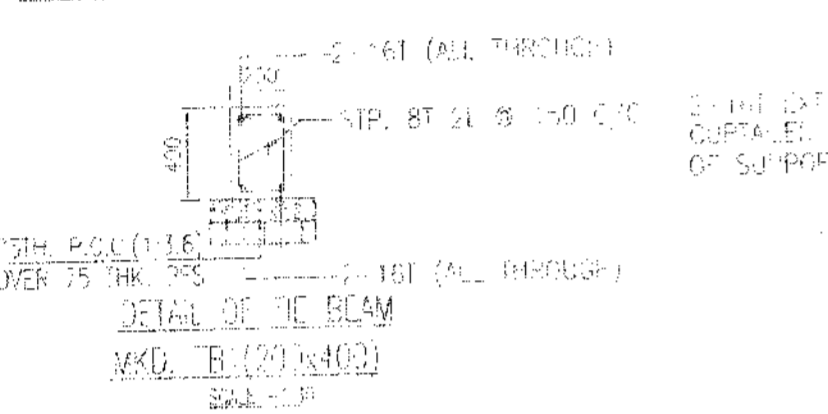
| BEAM MKD. | BEAM SIZE | REINFT. AT SUPPT. | REINFT. AT SPAN | STIRRUPS |
|-----------|------------|------------------------------|--------------------------------|---------------------------|
| | WIDE DEPTH | TOP BOTTOM | TOP BOTTOM | 8. POINT |
| R1 | 250 300 | 7T @ 150 C/C 7T @ 150 C/C | 10T @ 150 C/C 10T @ 150 C/C | 8. 1000C/D (R.T. 150 C/C) |

SCHEDULE OF GRAINS

| GRAIN NO. | GRAIN TYPE | GRAIN SIZE | GRAIN WEIGHT |
|-----------|------------|------------|--------------|
| 1 | CEMENT | OPC 42.5 | 1.00 |
| 2 | SAND | 3.75 | 1.50 |
| 3 | AGGREGATE | 20 | 2.50 |

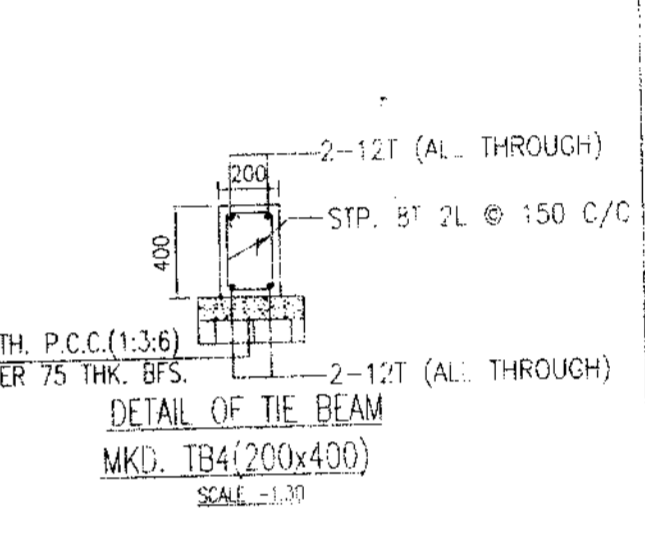
SCHEDULE OF FOOTING

| FOOTING MKD. | FOOTING SIZE | FOUNDATION DEPTH | | REINFORCEMENT | |
|--------------|--------------|-------------------|----------------|----------------|----------------|
| | | Initial 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 @ 150 C/C | 10 T @ 150 C/C |
| F5 | 2250x2250 | 350 | 200 | 10 T @ 150 C/C | 10 T @ 150 C/C |
| F6 | 1750x1300 | 250 | 150 | 10 T @ 150 C/C | 10 T @ 150 C/C |
| F7 | 1550x1000 | 250 | 150 | 10 T @ 150 C/C | 10 T @ 150 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.
 - 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 300 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. BE 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.



APPROVAL:

Approved

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

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

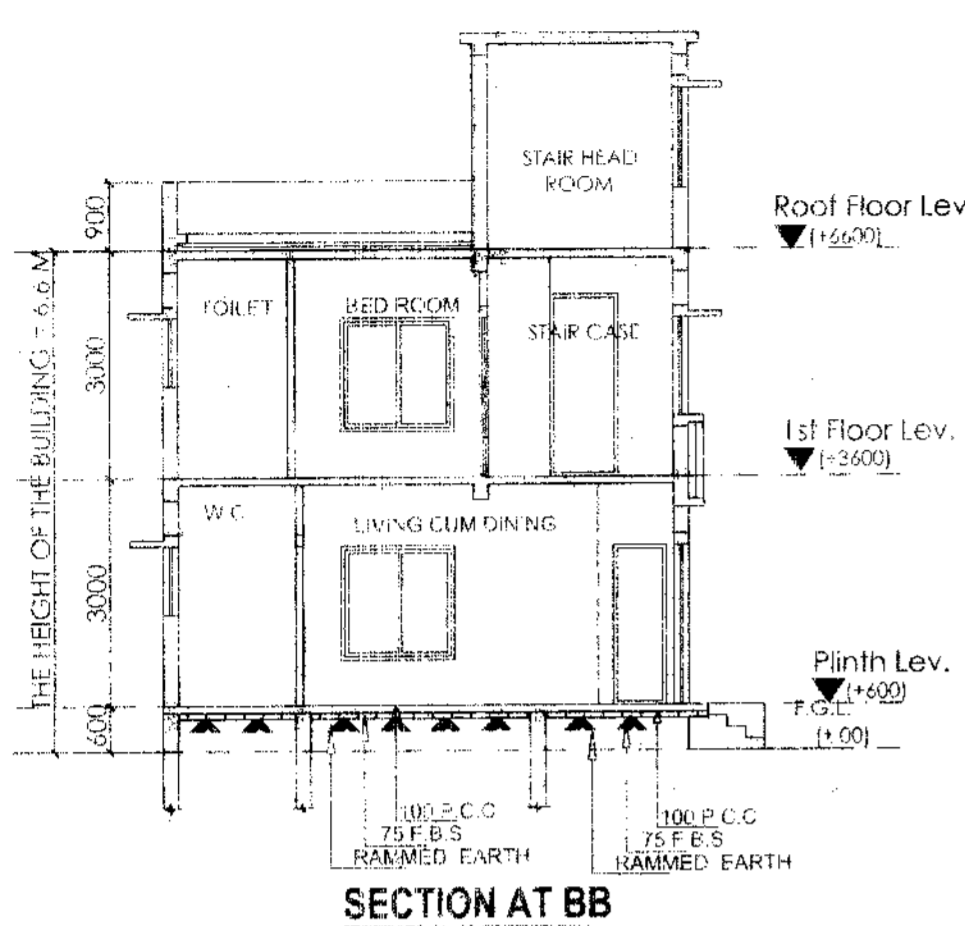
ACCEPTED THE ALL THE ARCHITECTURAL DRAWINGS OF PROPOSED TWO STORED BUNGALOW AT R.S. DAG NO. 418(P) MUZA-NOWABAD, J.L. NO 19 UNDER P.S. BISHNUPUR P.O. RASAPUNJA, DIST. SOUTH 24 PARGANAS UNDER RASAPUNJA GRAM PANCHAYAT. HAVE BEEN PREPARED BY ME AND THE MEASUREMENTS OF THE WORK ARE AS PER THE DRAWINGS AND THE BEST GENERAL CONTRACTING PRACTICES AS PER IS 10263-2007. NO SUCH WORKS AND/OR CORRECT REVISIONS HAS BEEN FOUND TO BE IN ACCORDANCE WITH THE PROVISIONS OF THE RULES AND REGULATIONS OF THE ARCHITECTURE ACT, 1947 AND THE ARCHITECTURE (REGULATION OF PROFESSIONS) ACT, 1962 AND THE ARCHITECTURE (REGULATION OF PROFESSIONS) ACT, 1962 AND THE ARCHITECTURE (REGULATION OF PROFESSIONS) ACT, 1962.

RISAV GUPTA
ARCHITECT
Reg. No.-CA 111

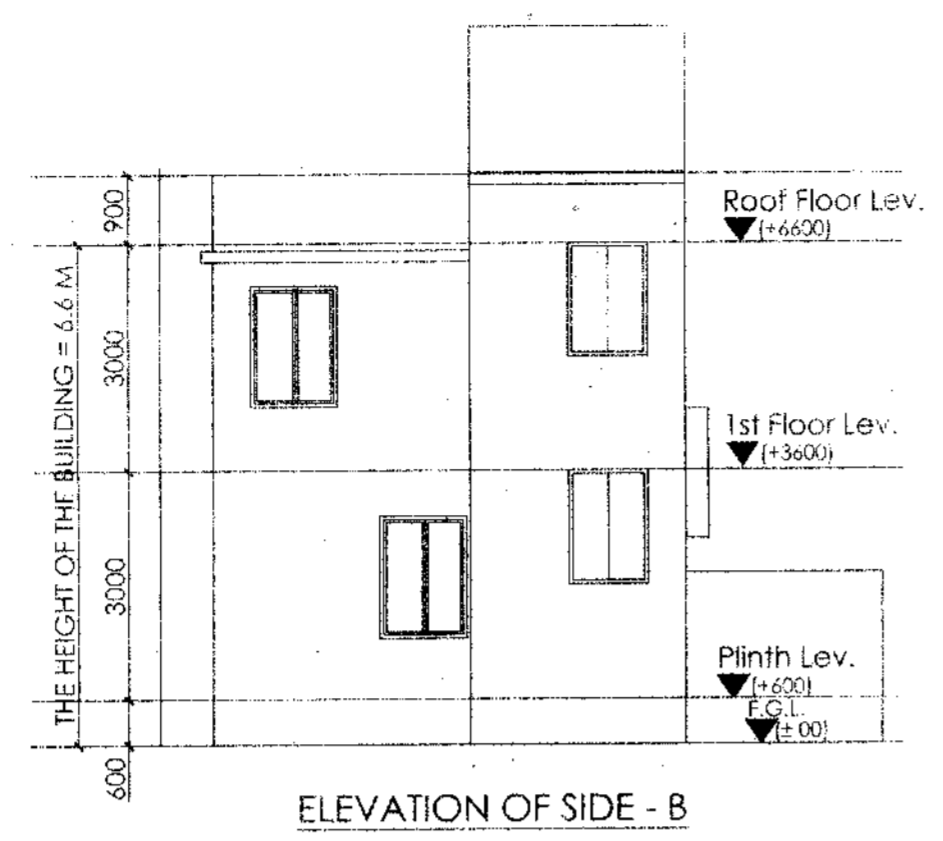
Shiv Niketan Pvt. Ltd.
Director

| NO. | REVISION | DATE |
|-----|----------|------|
| | | |
| | | |

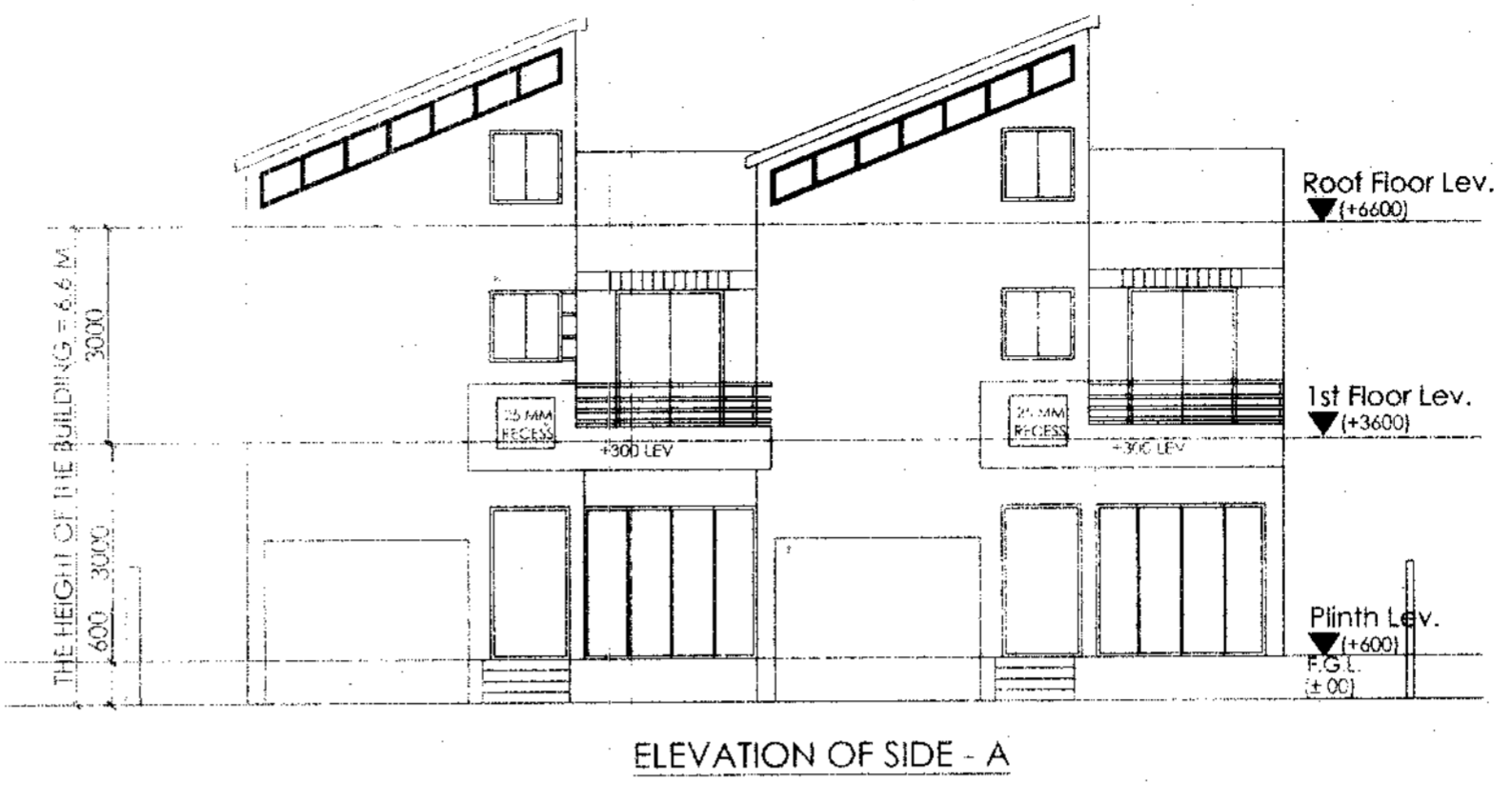
PROPOSED TWO STORIED BUNGALOW AT R.S. DAG NO. 418(P) MOUZA-NOWABAD, J.L. NO -19, UNDER P.S. BISHNUPUR, P.O. RASAPUNJA, DIST- SOUTH 24 PARGANAS, UNDER RASAPUNJA GRAM PANCHAYAT.



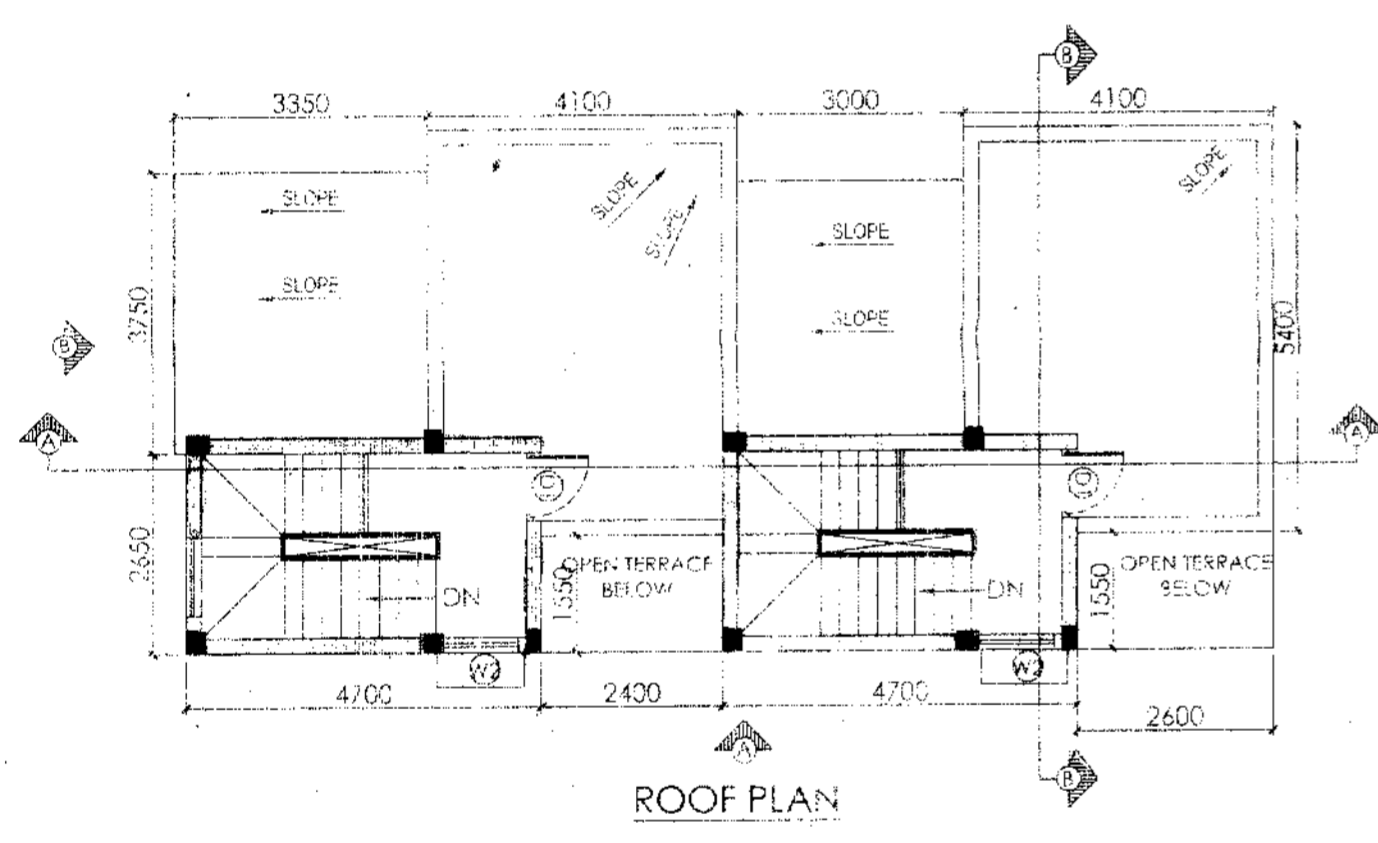
SECTION AT BB



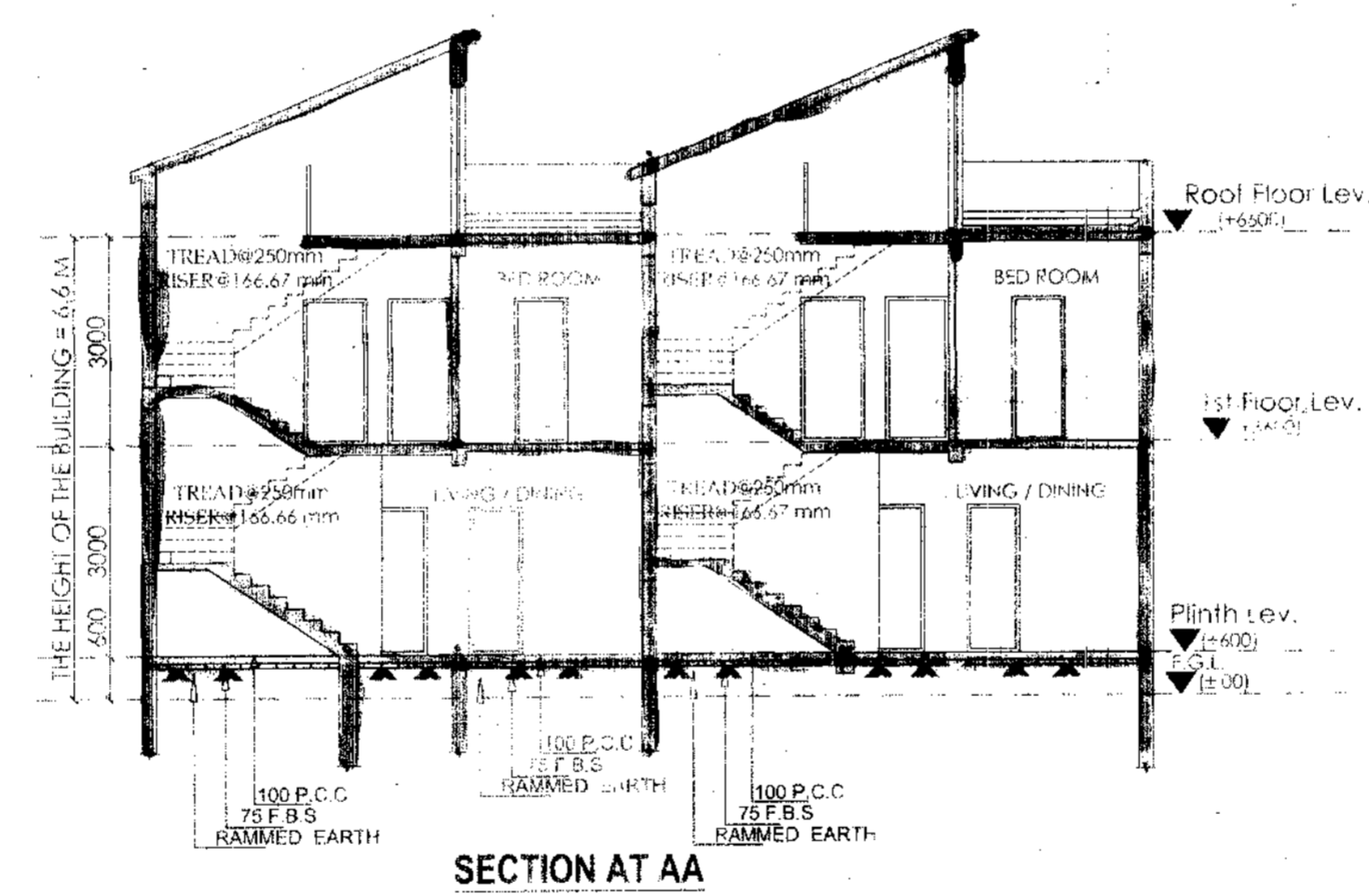
ELEVATION OF SIDE - B



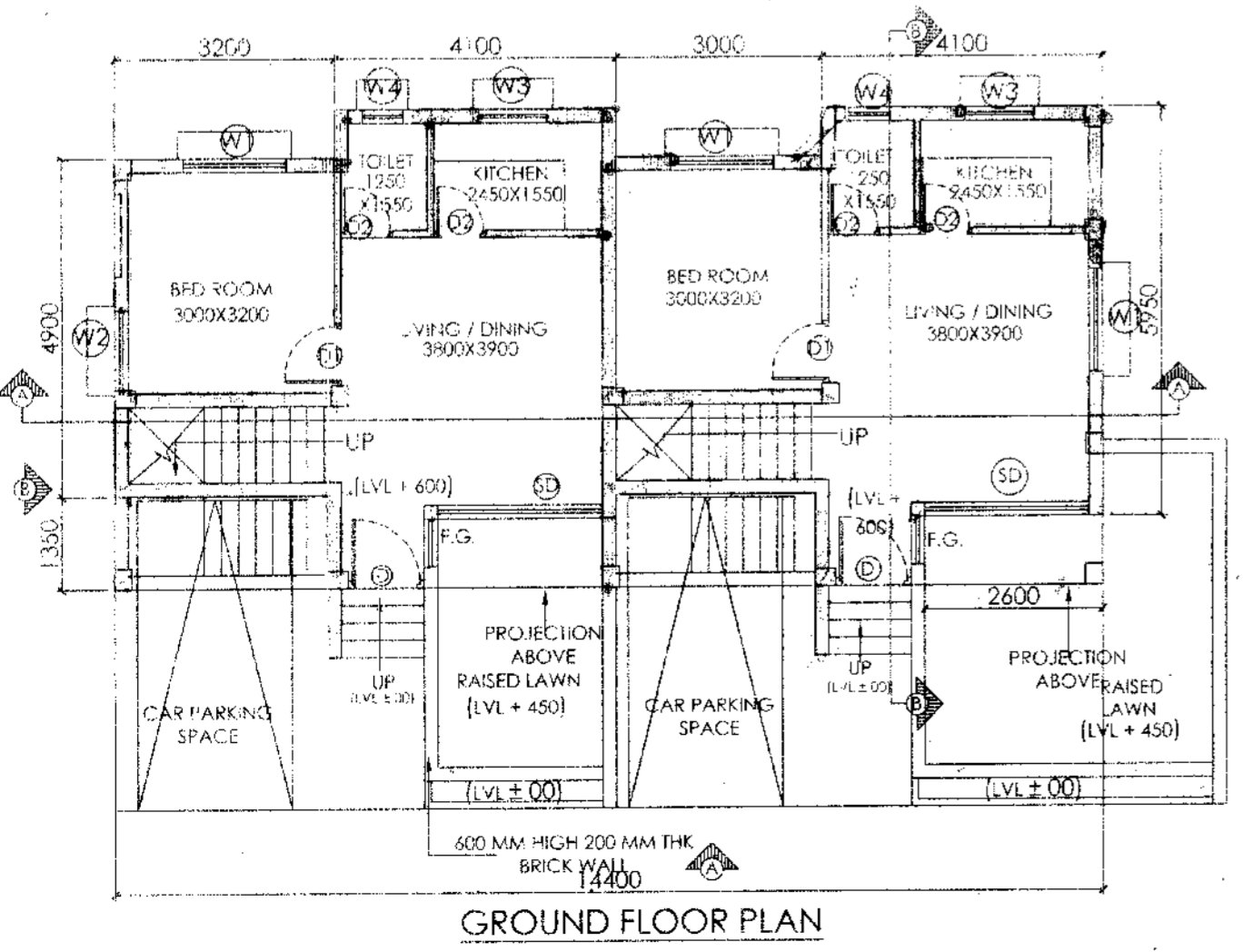
ELEVATION OF SIDE - A



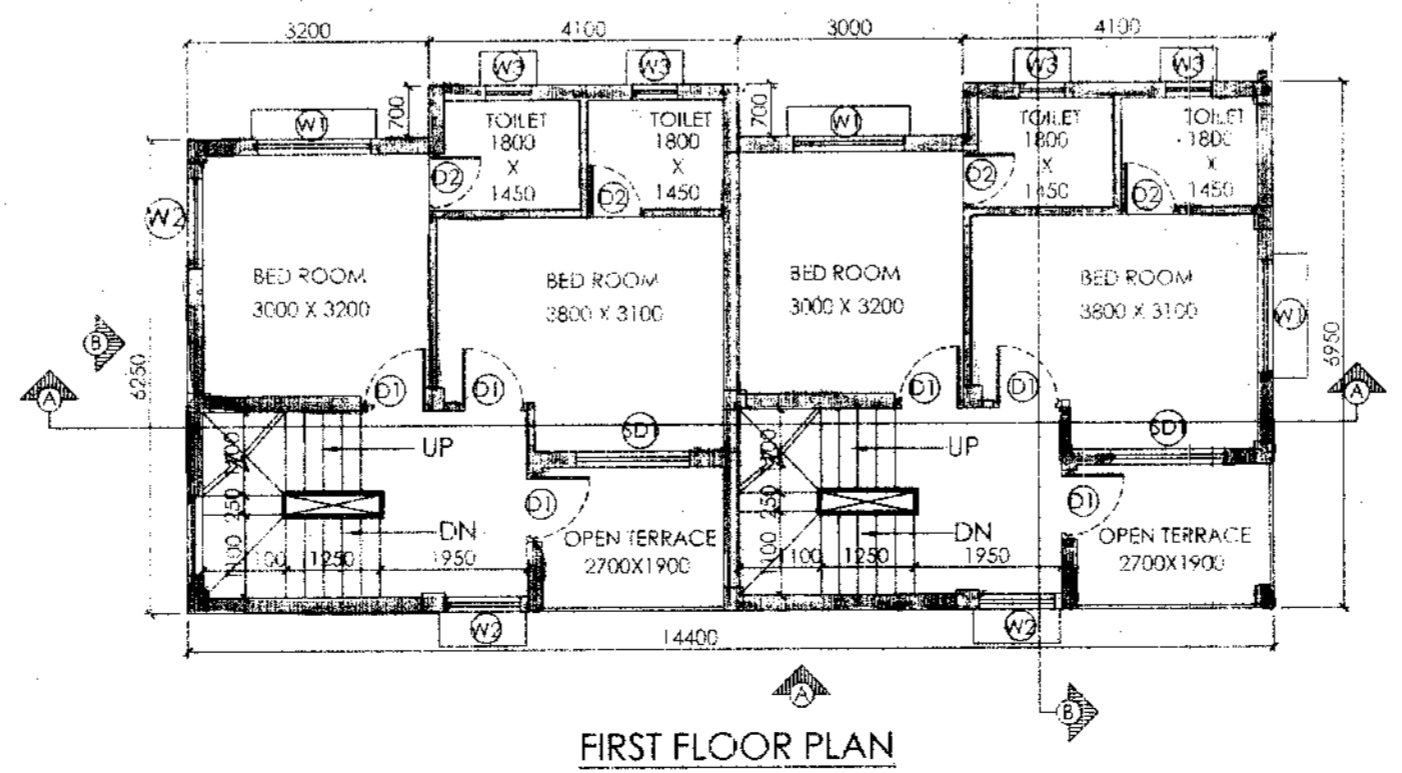
ROOF PLAN



SECTION AT AA



GROUND FLOOR PLAN

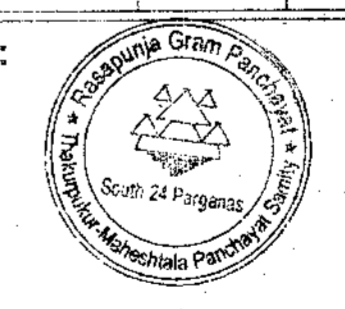


FIRST FLOOR PLAN

| 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 | 200 | 900 |
| W3 | 1200 | 1000 | 1100 |
| W4 | 600 | 900 | 1200 |
| F.G. | 700 | 900 | 1200 |

APPROVAL :



Approved
(Signature)
 - 20/02/17

(KARTICK NASKAR)
 Pradhan
 Rasapuja Gram Panchayat
 Thakurpukur-Maheshwala Block
 South 24 Parganas

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 RULES 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.

(Signature)
RISAV GUPTA
 ARCHITECT (B.Arc.)
 Reg. No. - GA/2017/83723
 Signature of Architect / Engineer

(Signature)
Shiv Niketan Pvt. Ltd.
 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-(28,30,31,32) / 02 | |

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

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

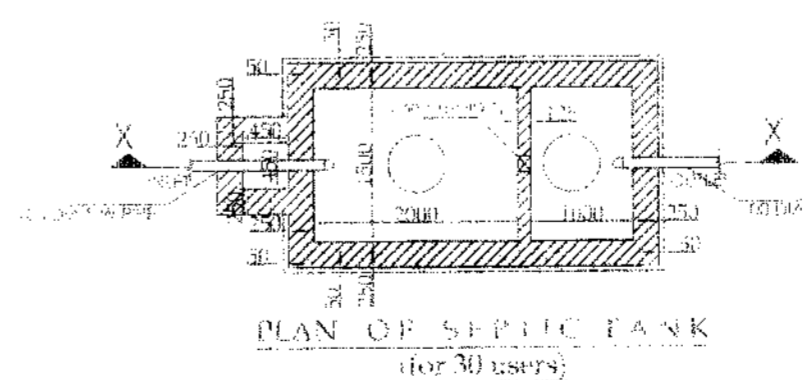
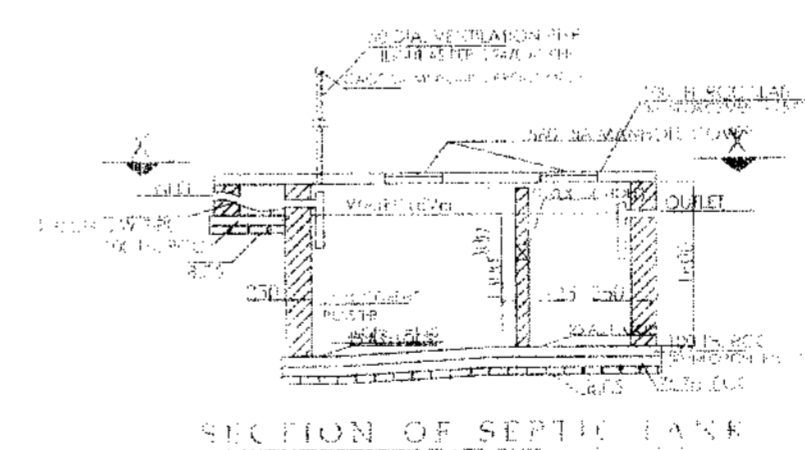
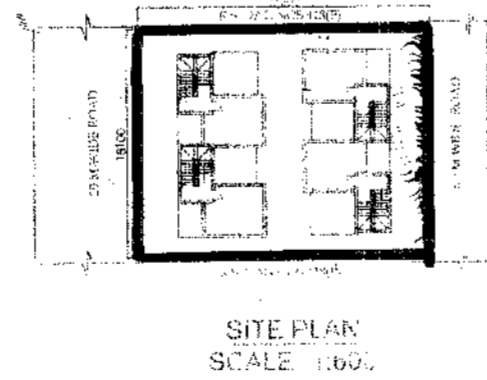
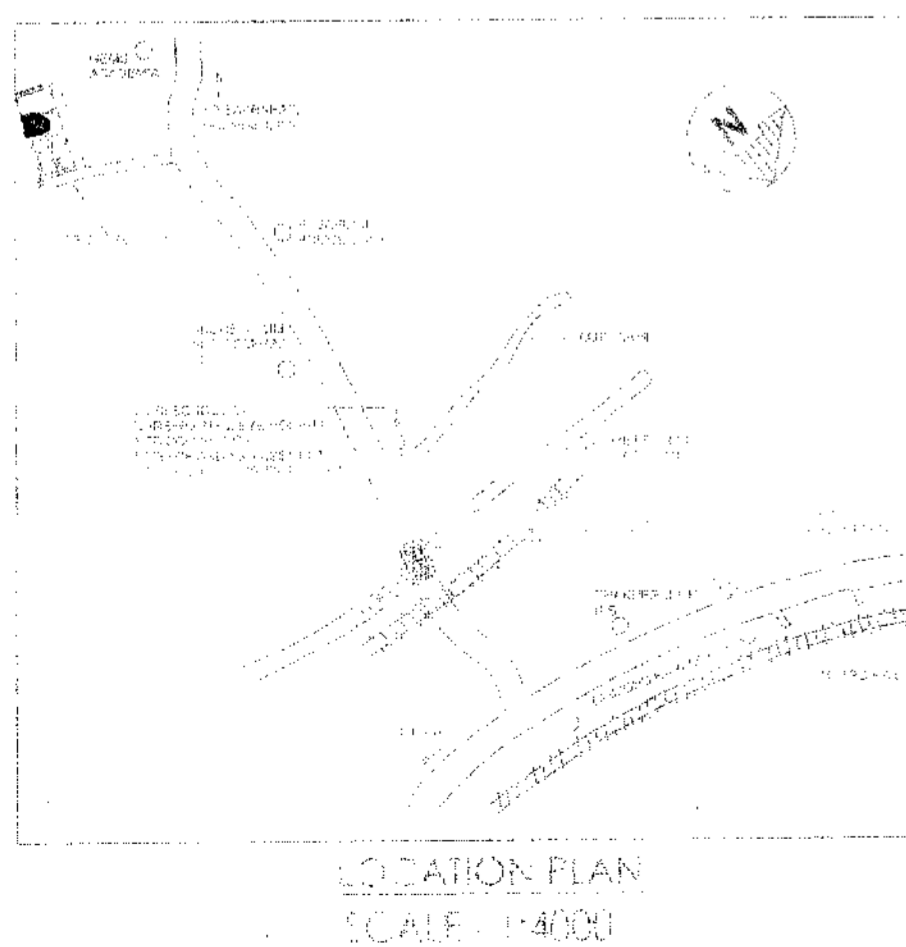
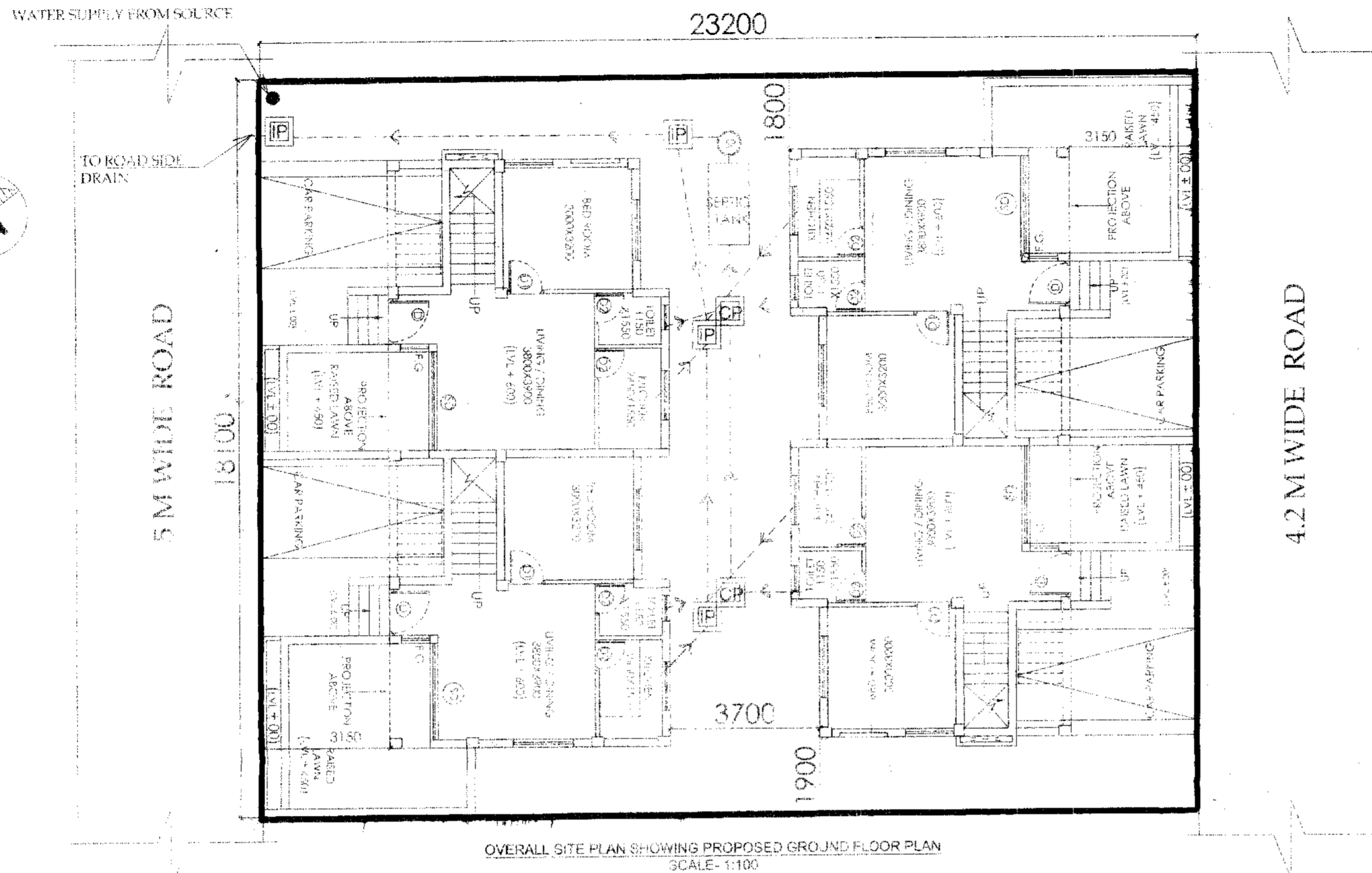
Signature of Architect / Engineer

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 : 400 | DATE: 07.12.16 |
| SUBMISSION DRAWING | |
| DRAWING NO. | REVISION NO. |
| GEMS-SANC-ARC-PR 6 - BUNGALOW (29.30.31.32) 101 | |



Approved
 20/02/17
(KARTICK NASKAR)
 Pradhan
 Rasapunja Gram Panchayat
 Thakurpur-Maheshala Block
 South 24 Parganas