

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

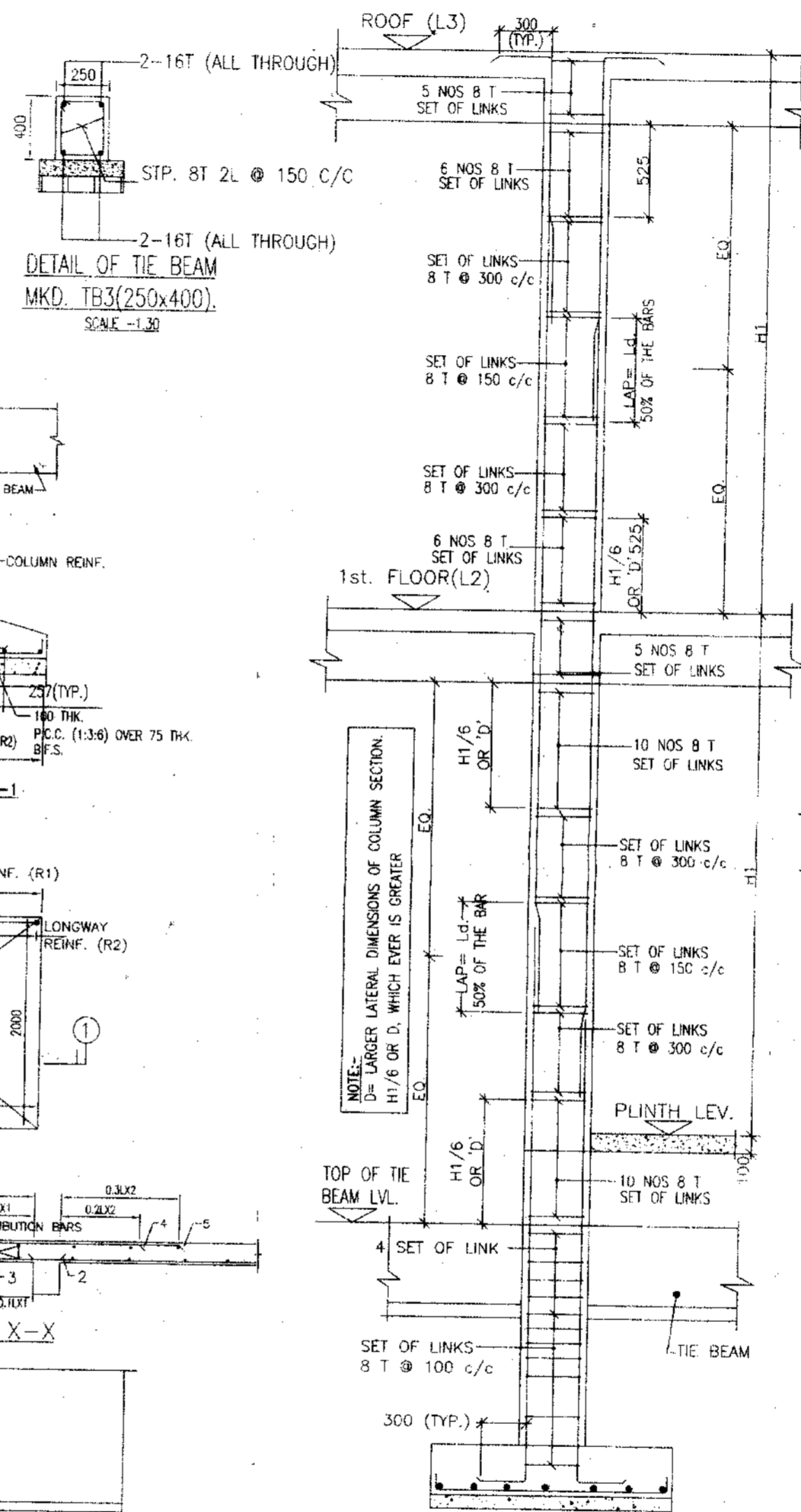
BEAM MKD.	BEAM SIZE	REINFT. AT SUPPT.		REINFT. AT SPAN		STIRRUPS
		TOP	BOTTOM	TOP	BOTTOM	
B1	200x300	3-15	3-16	3-16	3-16	8 T @100C/C 8 T @200C/C

SCHEDULE OF COLUMN

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

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

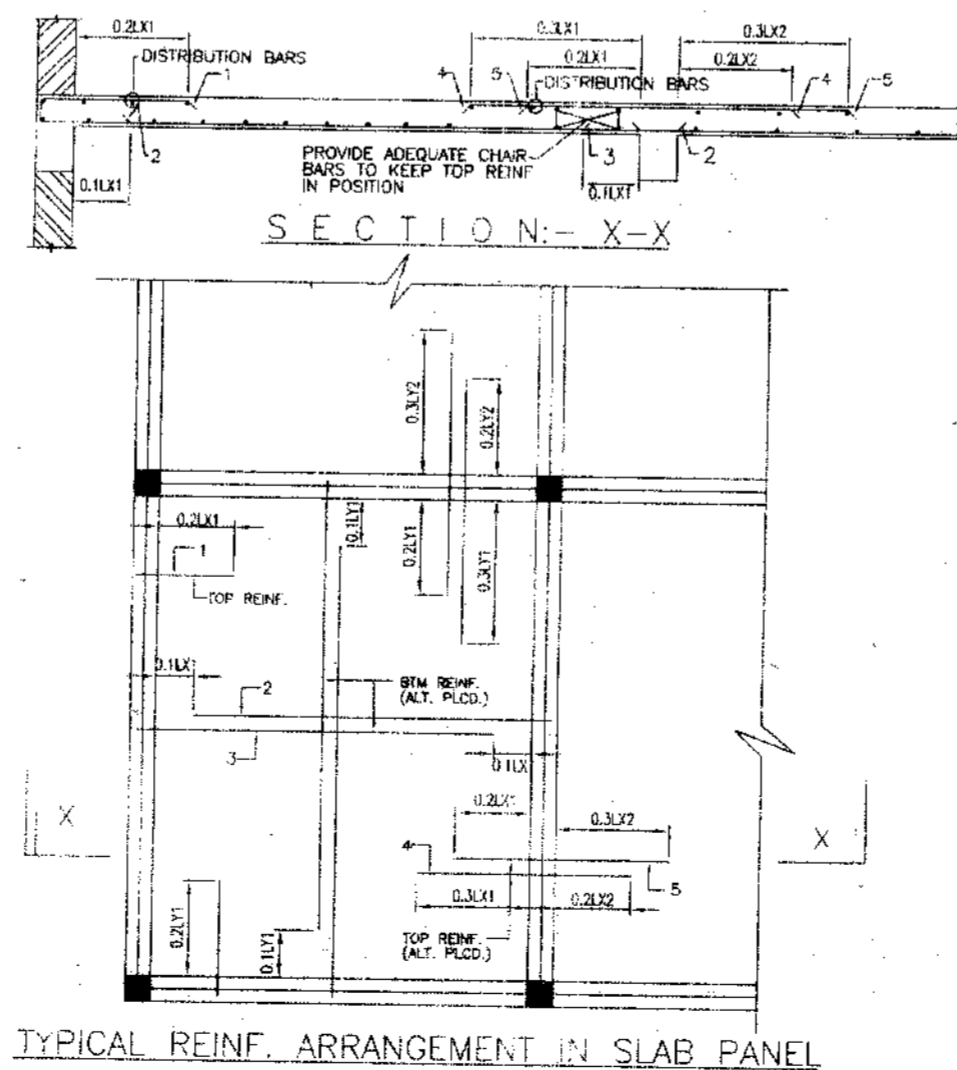
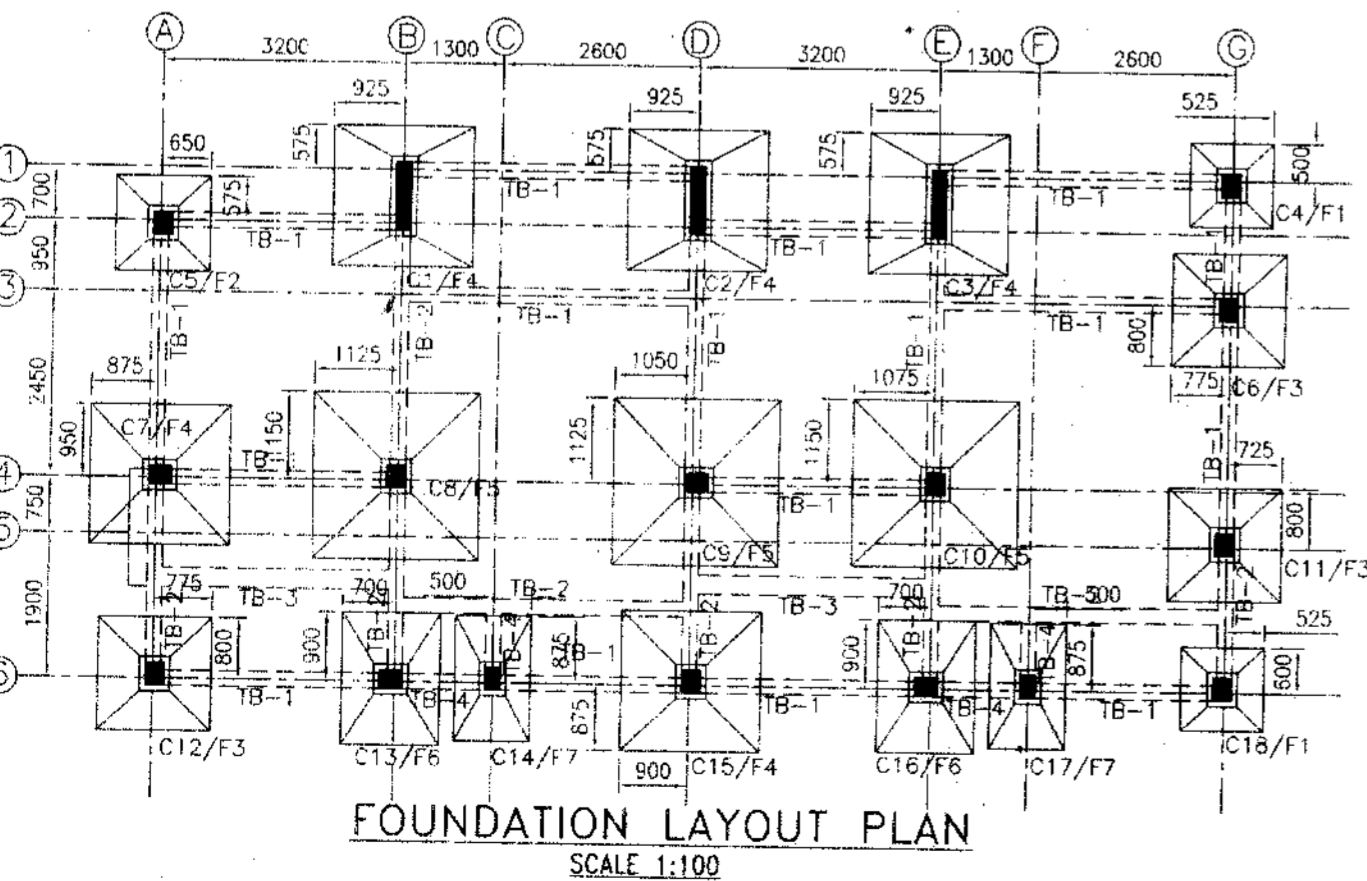
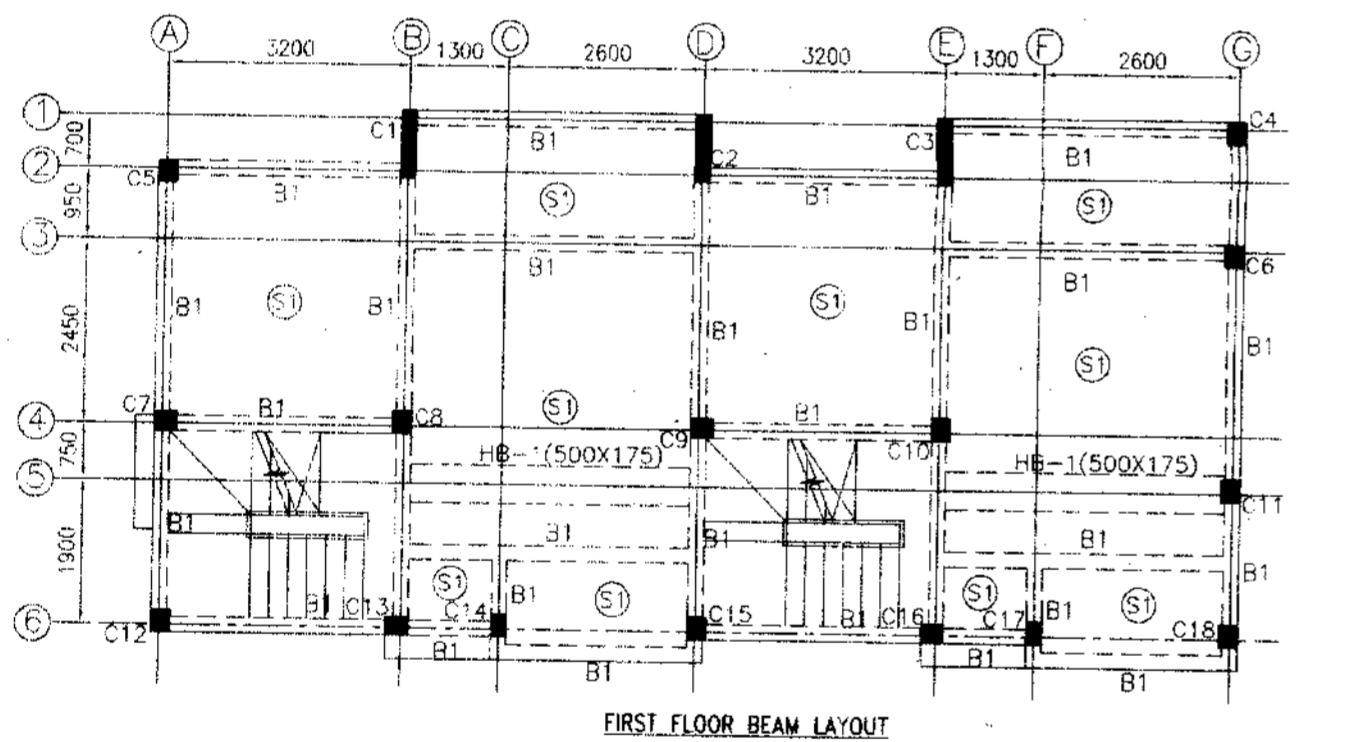
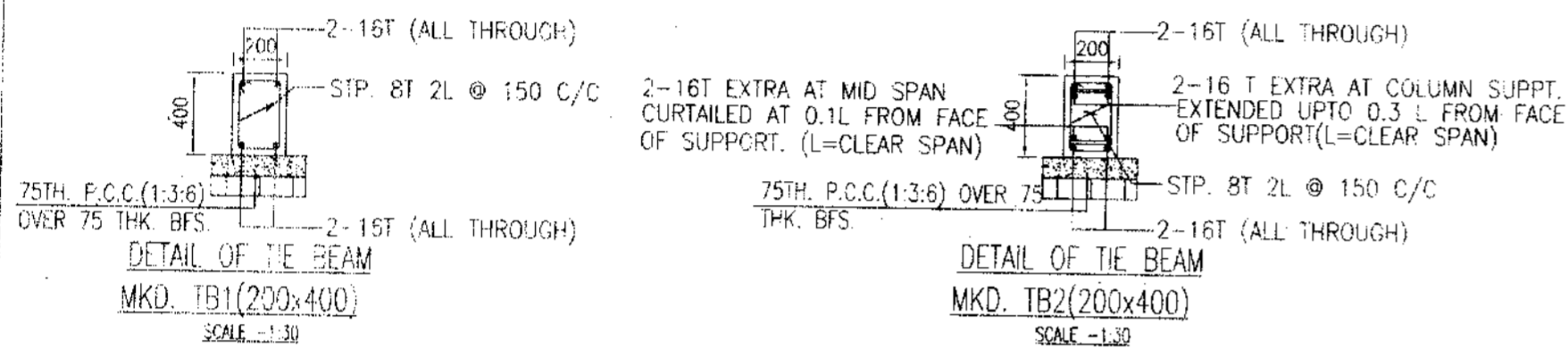


NOTES AND SPECIFICATION

- 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.
- 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 UNTILL & UNLESS MENTIONED.
- ALL MATERIALS SHALL CONFORM TO RELEVANT I.S. CODES.
- FOR STEEL GRADE Fe 500 AS PER I.S. 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

10. SPECIFIC GRAVITY OF THE BENTONITE SHALL BE MAINTAINED AT 1.1 TO 1.2 BEFORE CASTING OF PILE.



APPROVAL

(Signature)
Approved

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

20/02/17

PROPOSED TWO STORED BUNGALOW AT P.S. DAG NO. 385(P), 386(P), 418(P) MOUZA. NOWABAD, J.L. NO-19, UNDER P.S. BISHNUPUR, P.O. RASAPUNJA, DIST. SOUTH 24 PARGANAS, UNDER RASAPUNJA GRAM PANCHAYAT.

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

Shiv Niketan Pvt. Ltd.
Director

SIGNATURE OF THE OWNER

(Signature)

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

DRAWN BY
SHYAMAL KANUNJ

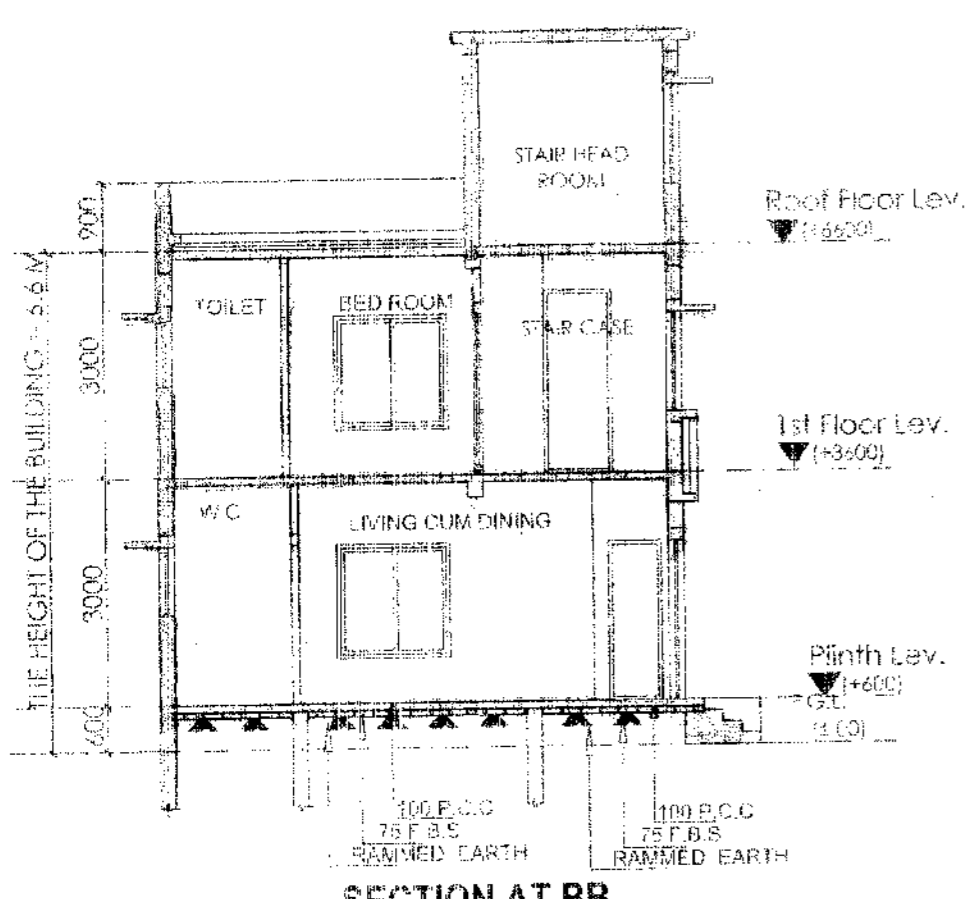
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ATANUJ C.

SCALE 1:100
DATE 07.12.15

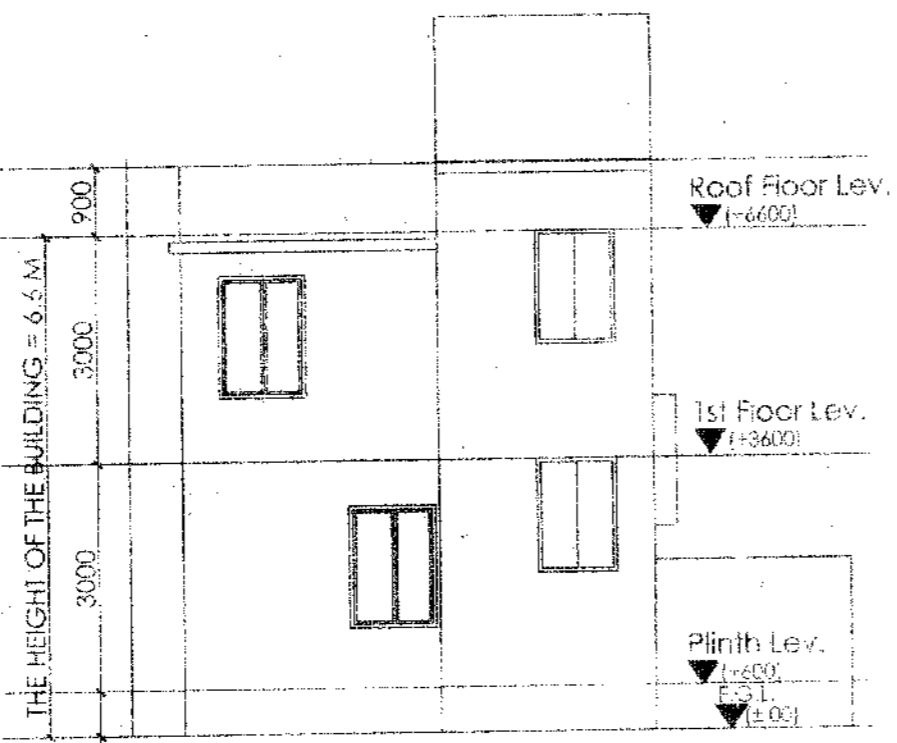
SUBMISSION DRAWING

DRAWING NO.
DIMS SANC/ARC-FR-8. BUNGALOW-(7,8,13,14) 01

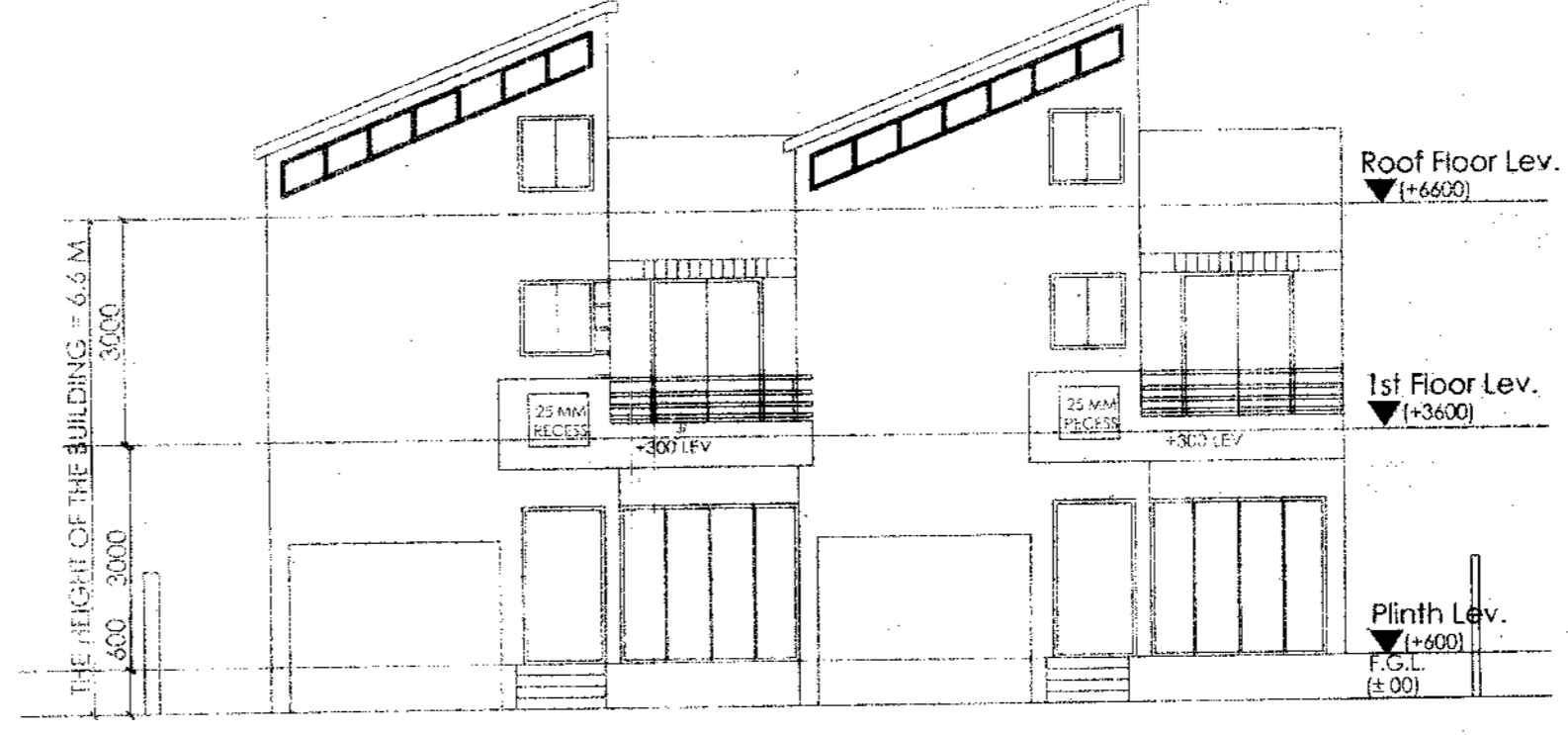
PROPOSED TWO STORIED BUNGALOW AT R.S. DAG NO. 385(P),386(P),418(P) MOUZA-NOWABAD,J.L. NO -19,UNDER P.S. BISHNUPUR ,P.O. RASAPUNJA, DIST-SOUTH 24 PARGANAS, UNDER RASAPUNJA GRAM PANCHAYAT.



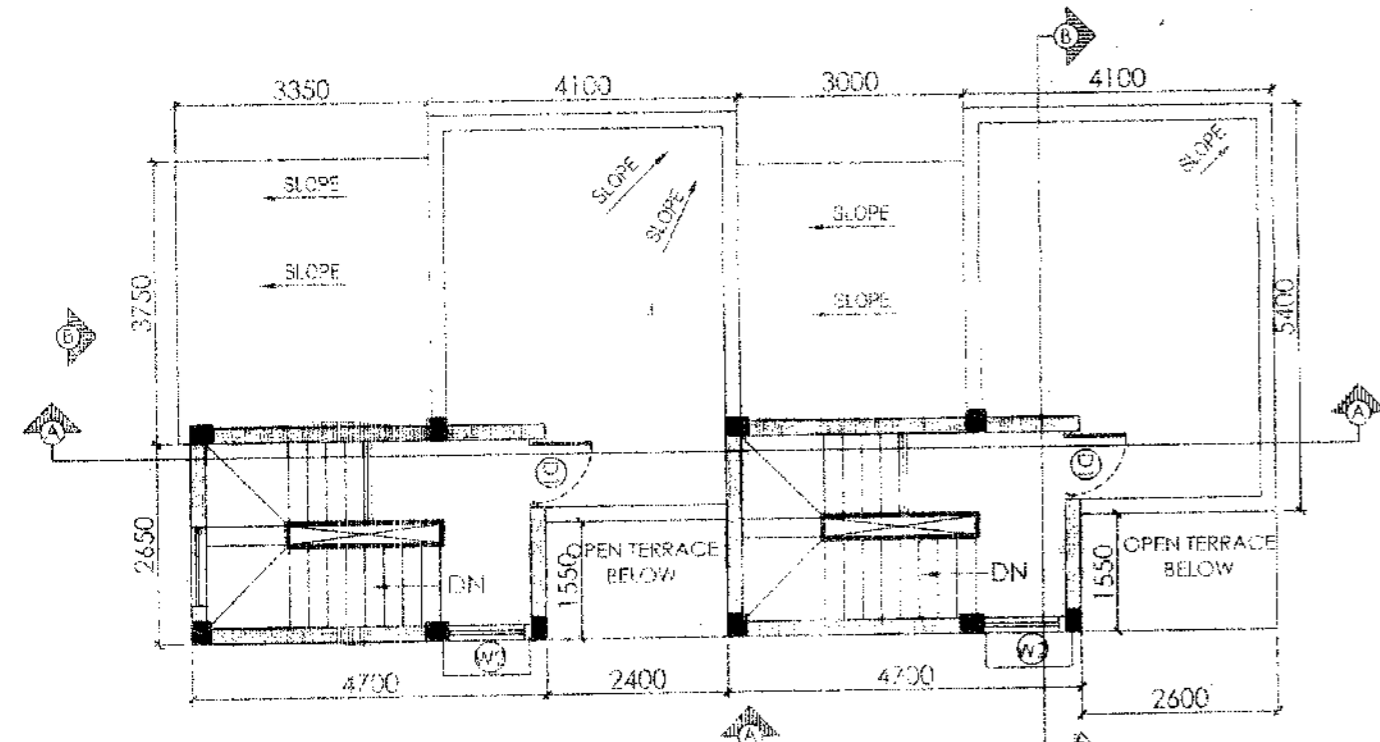
SECTION AT BB



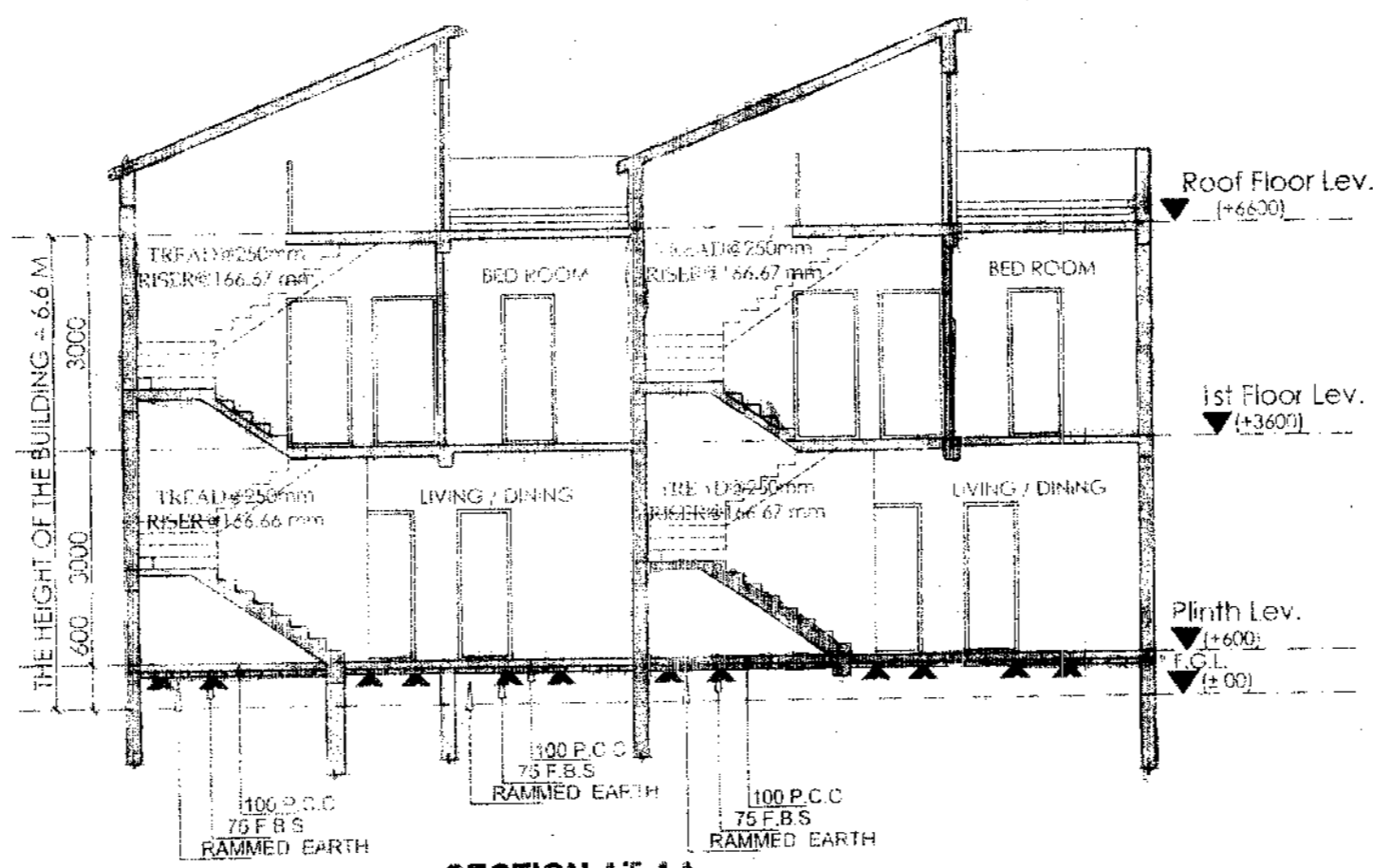
ELEVATION OF SIDE - B



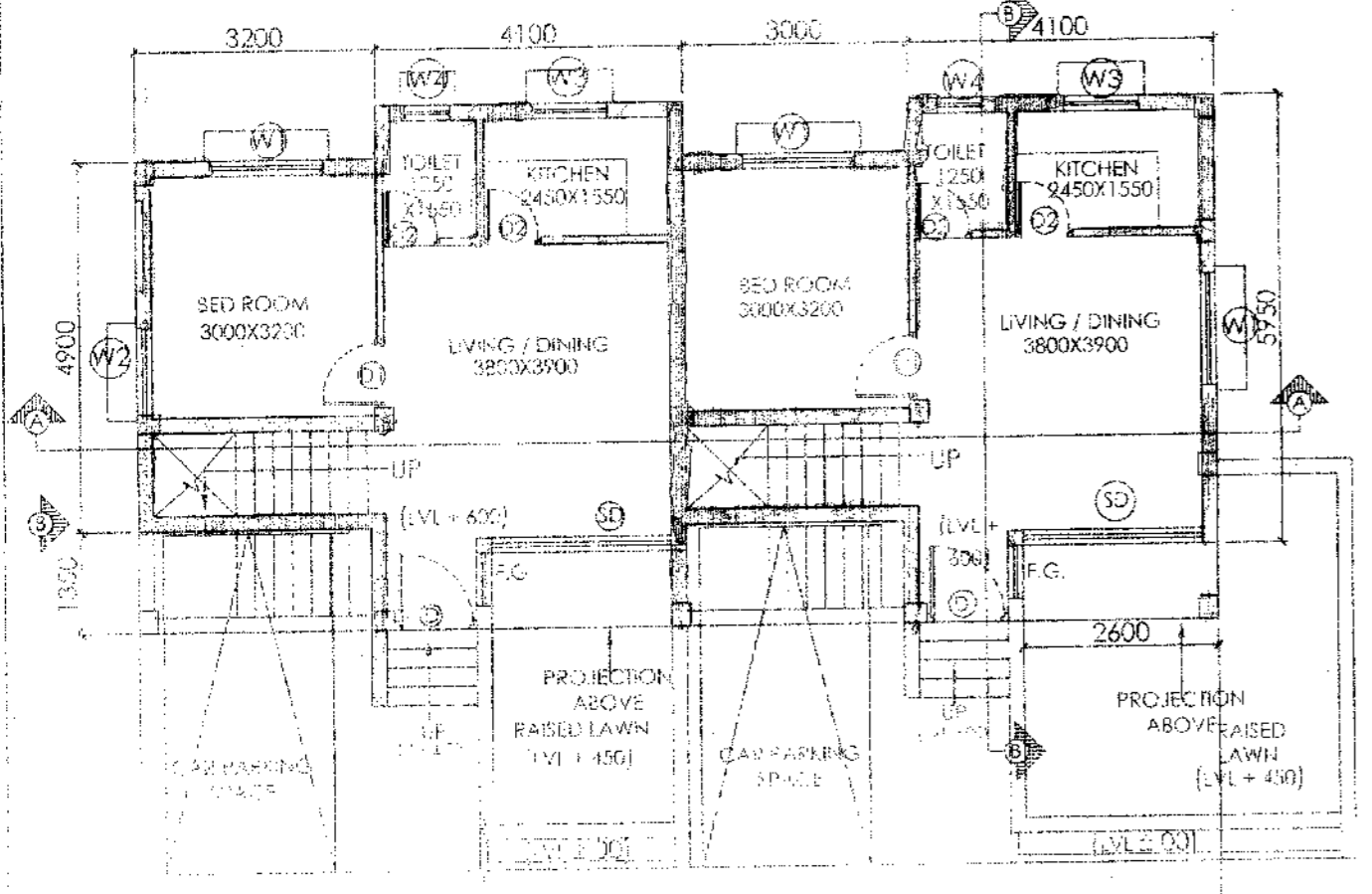
ELEVATION OF SIDE - A



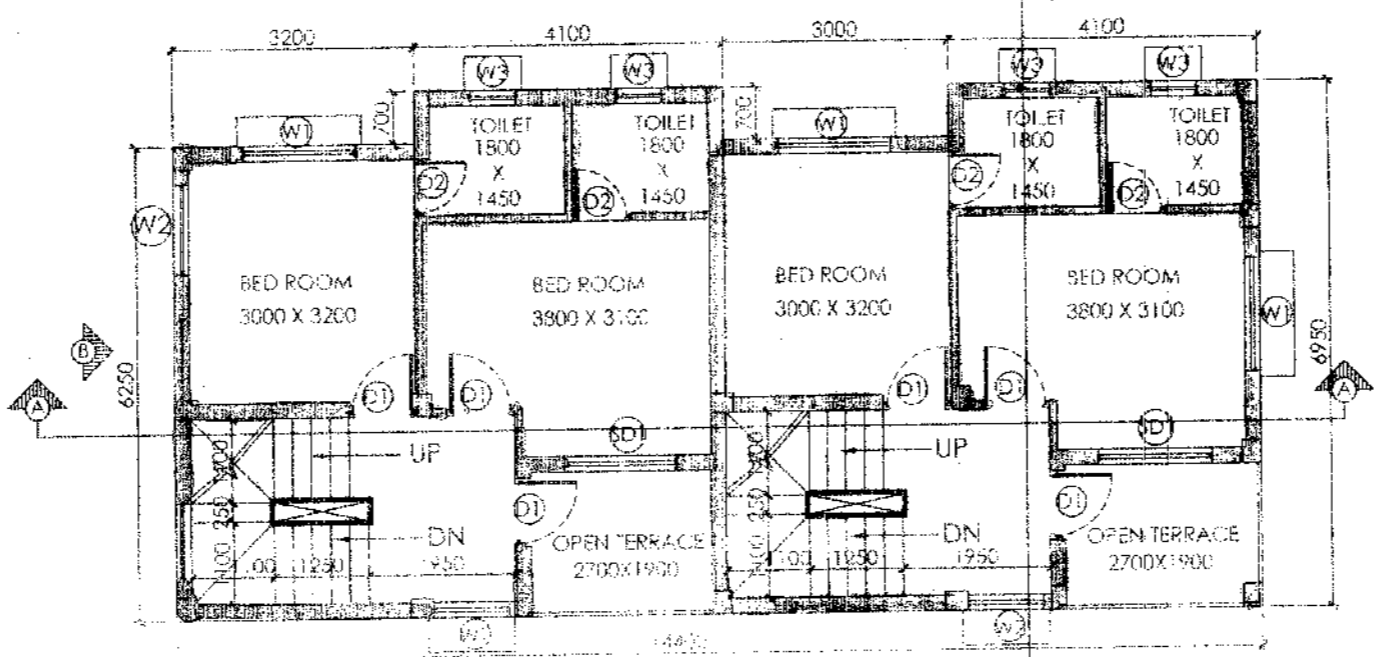
ROOF PLAN



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

APPROVAL :



Approved

(Signature)
20/02/17
(KARTICK NASKAR)
Pradhan
Rasapunja Gram Panchayat
Thakurpukur-Maheshkhata Block
South 24 Parganas

I CERTIFY THAT ALL THE ARCHITECTURAL DRAWINGS OF PROPOSED TWO STORIED BUNGALOW AT R.S. DAG NO. 385(P),386(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.

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

Signature of Architect / Engineer

Shiv Niketan Pvt. Ltd.
(Signature)
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	DATE 07/12/16
SUBMISSION DRAWING	
DRAWING NO	REVISION -06
GEMS-SANCA-RC-PR-8-BUNGA-CW-7.8.13-14-102	

PROPOSED TWO STORIED BUNGALOW AT R.S. DAG NO. 385(P),386(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),386(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.

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

Signature of Architect / Engineer

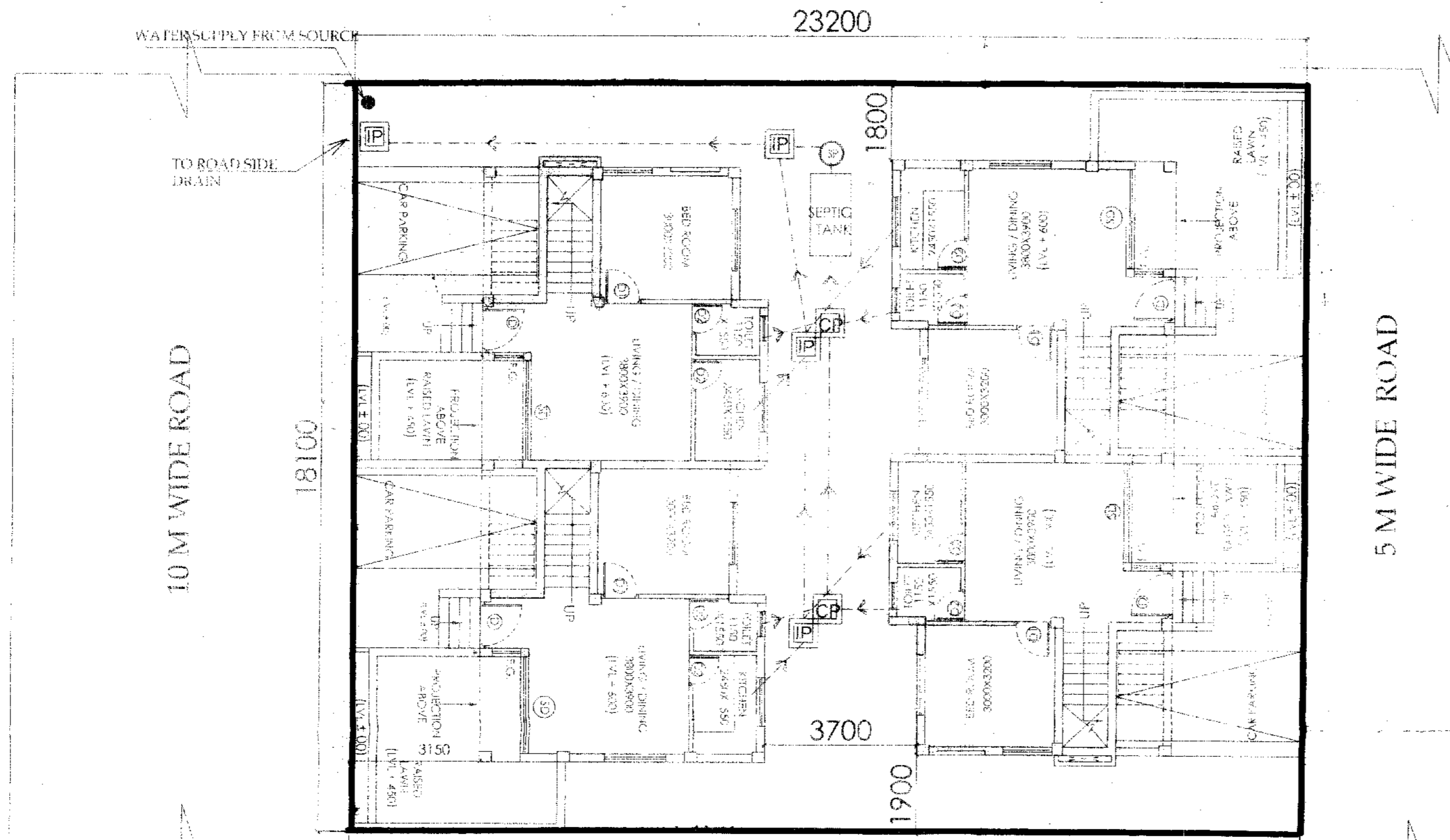
Shiv Niketan Pvt. Ltd.
Shiv Niketan Pvt. Ltd.
 Director

AUTHORIZED SIGNATORY

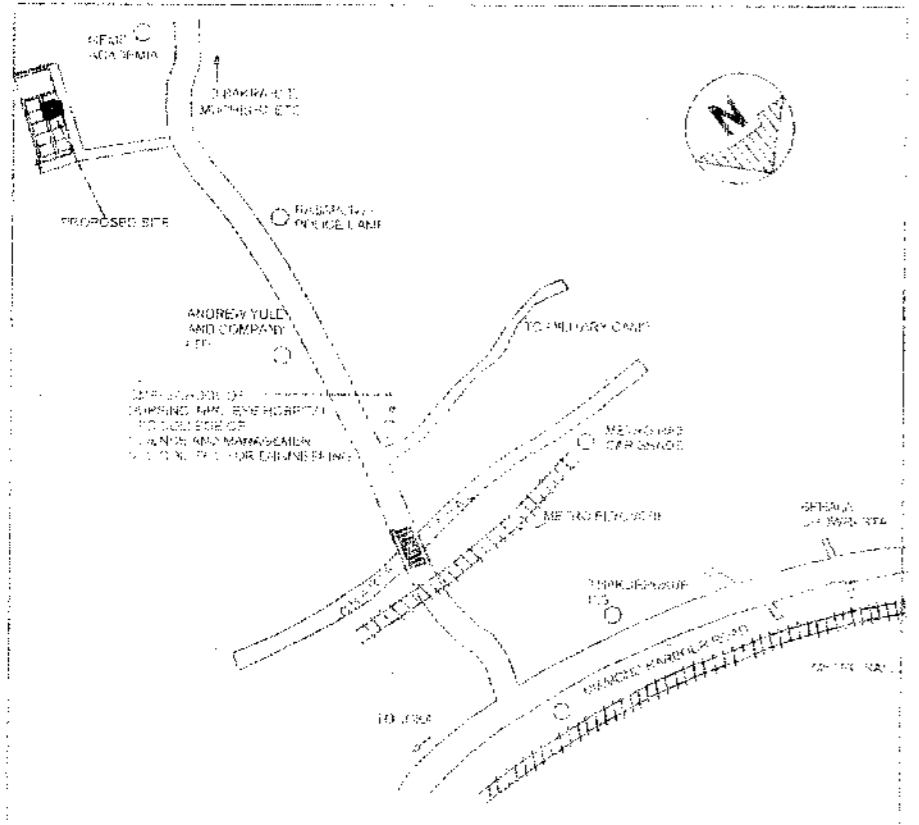
TITLE :
 OVERALL SITE PLAN SHOWING PROPOSED GROUND FLOOR PLAN , SITE PLAN , LOCATION PLAN , SEPTIC TANK DETAIL.

DRAWN BY :	SHAYAMA / TANIA
CHECKED BY :	ATANU C.
SCALE : 1 : 100	DATE-07.12.16
SUBMISSION DRAWING	
DRAWING NO.	REVISION NO.

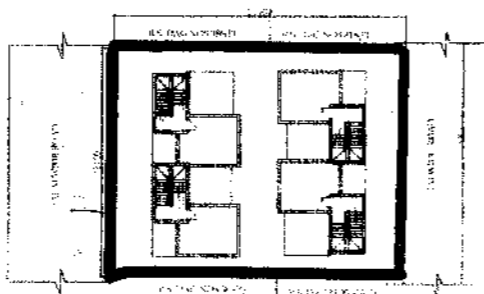
GEMS-SANC-ARC-PR 6 - BUNGALOW-7,R.13.14; 01



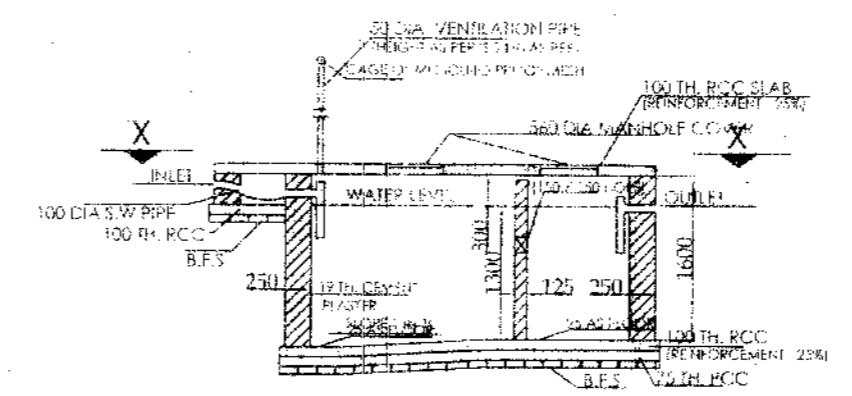
OVERALL SITE PLAN SHOWING PROPOSED GROUND FLOOR PLAN
 SCALE - 1:100



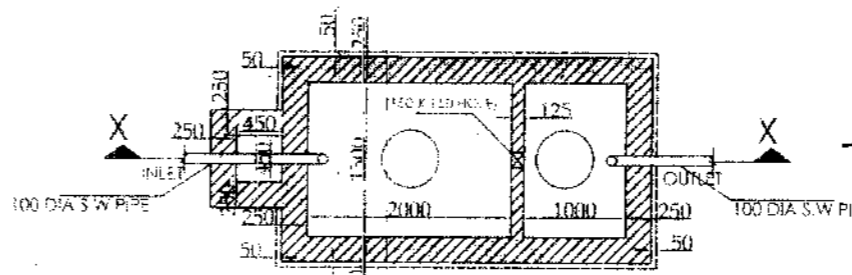
LOCATION PLAN
 SCALE - 1:4000



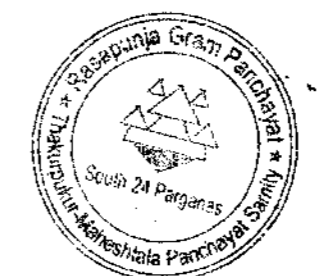
SITE PLAN
 SCALE - 1:600



SECTION OF SEPTIC TANK



PLAN OF SEPTIC TANK
 (for 30 users)



Approved

Kartick Naskar
(KARTICK NASKAR)
 Pradhan
 Rasapuja Gram Panchayat
 Thakurpukur-Maheshtala Block
 South 24 Parganas