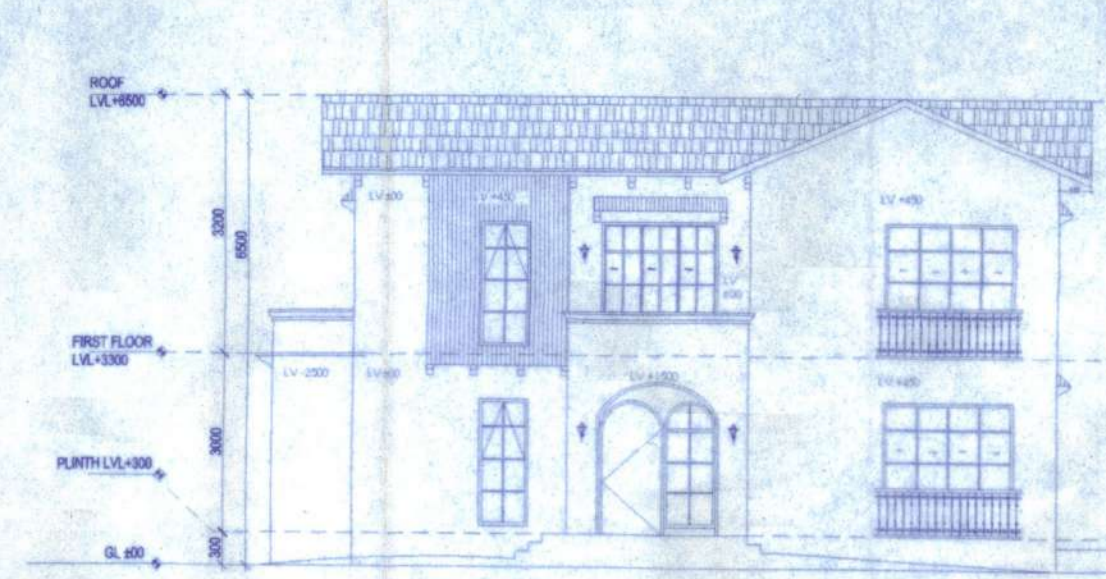
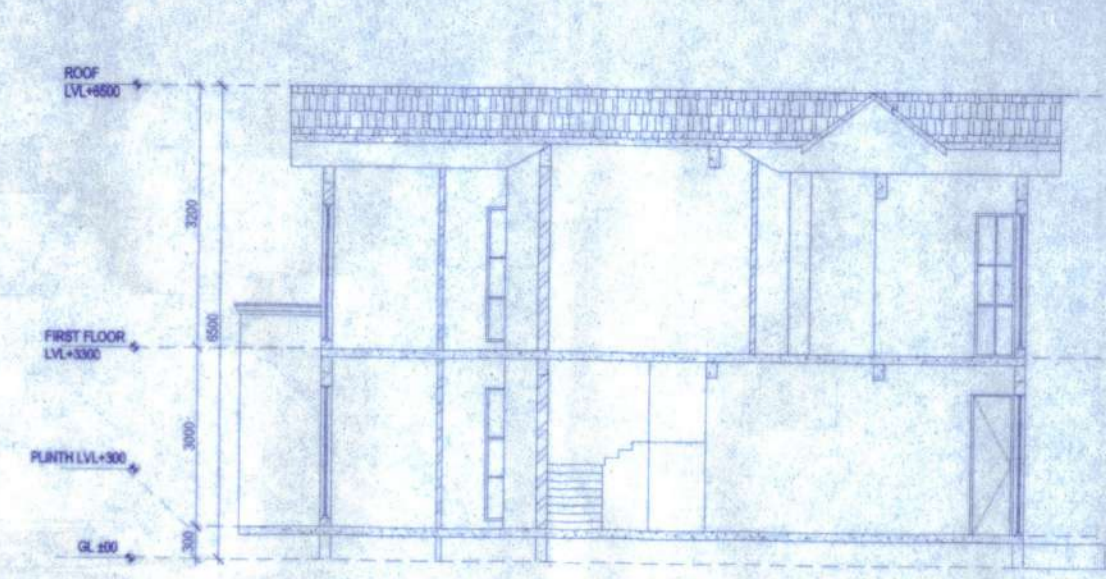


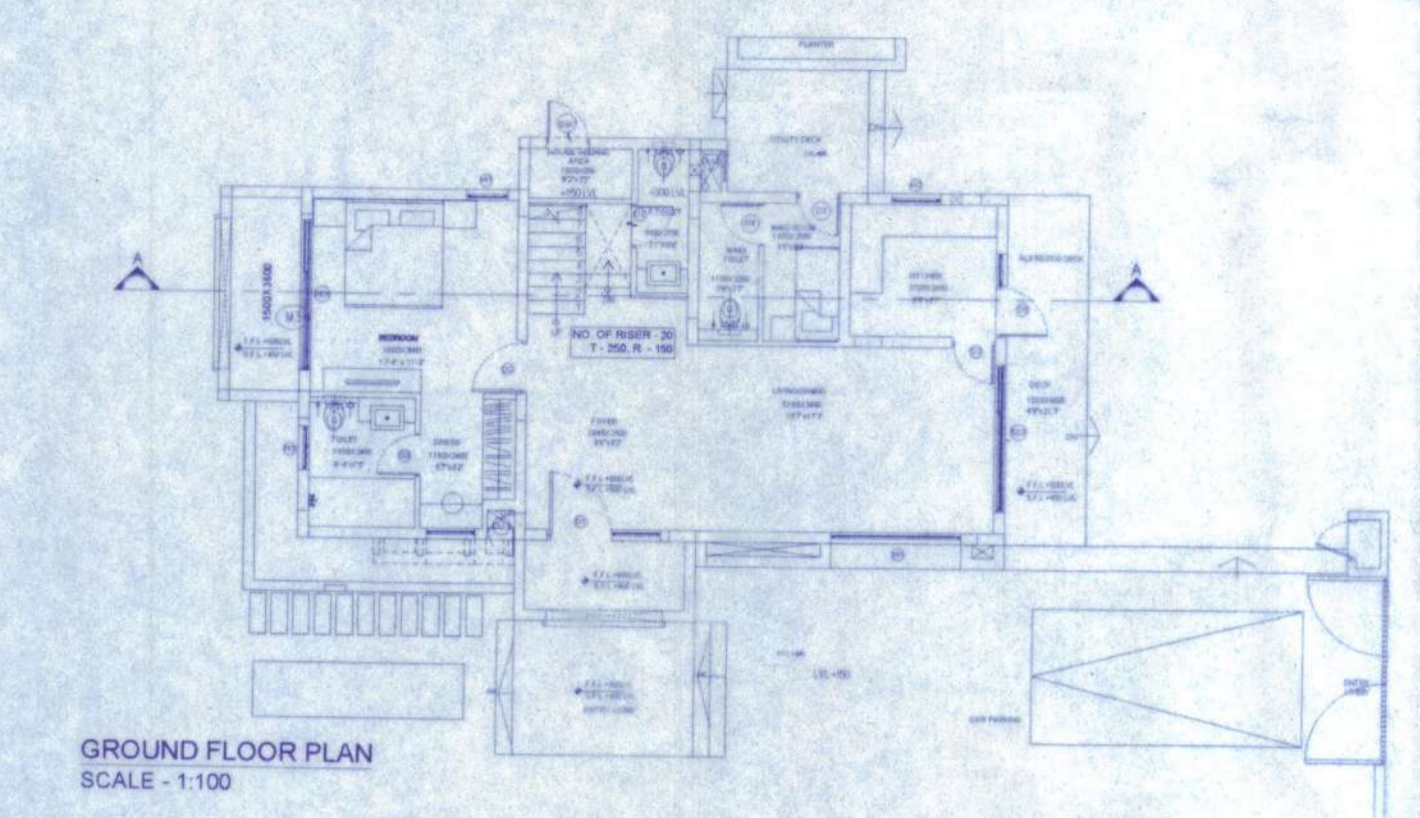
FRONT ELEVATION  
SCALE - 1:100



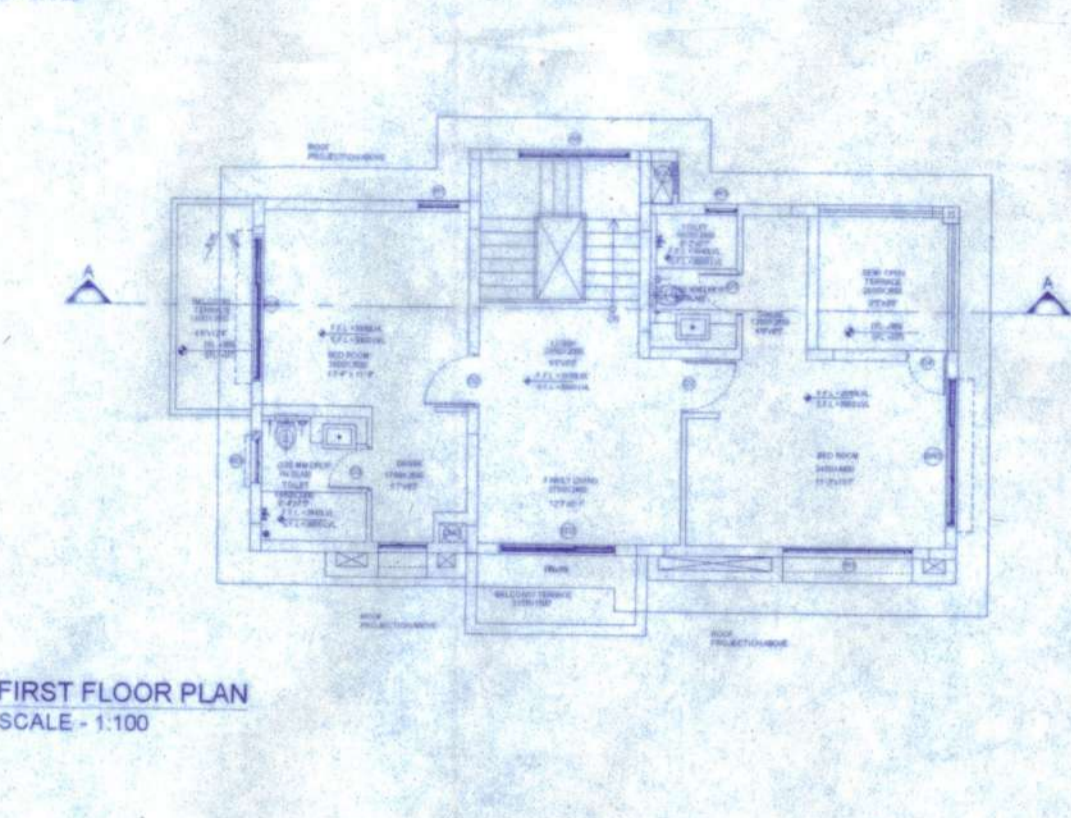
SIDE ELEVATION  
SCALE - 1:100



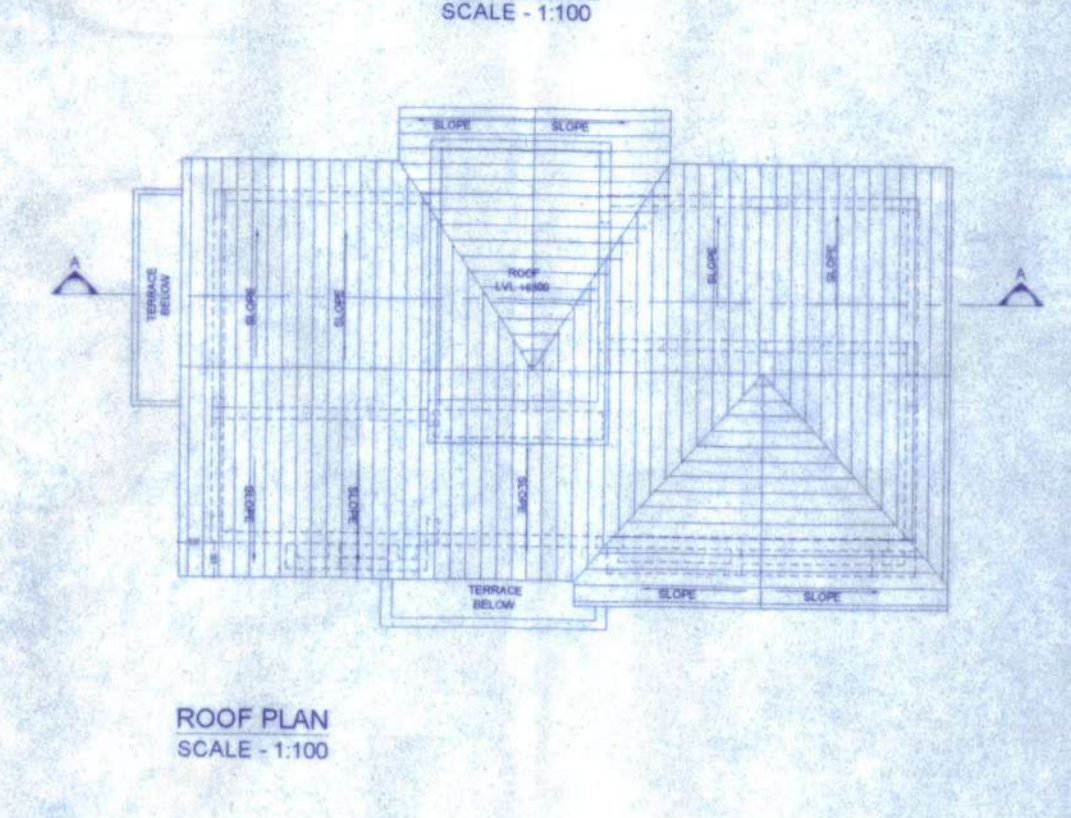
SECTION AA  
SCALE - 1:100



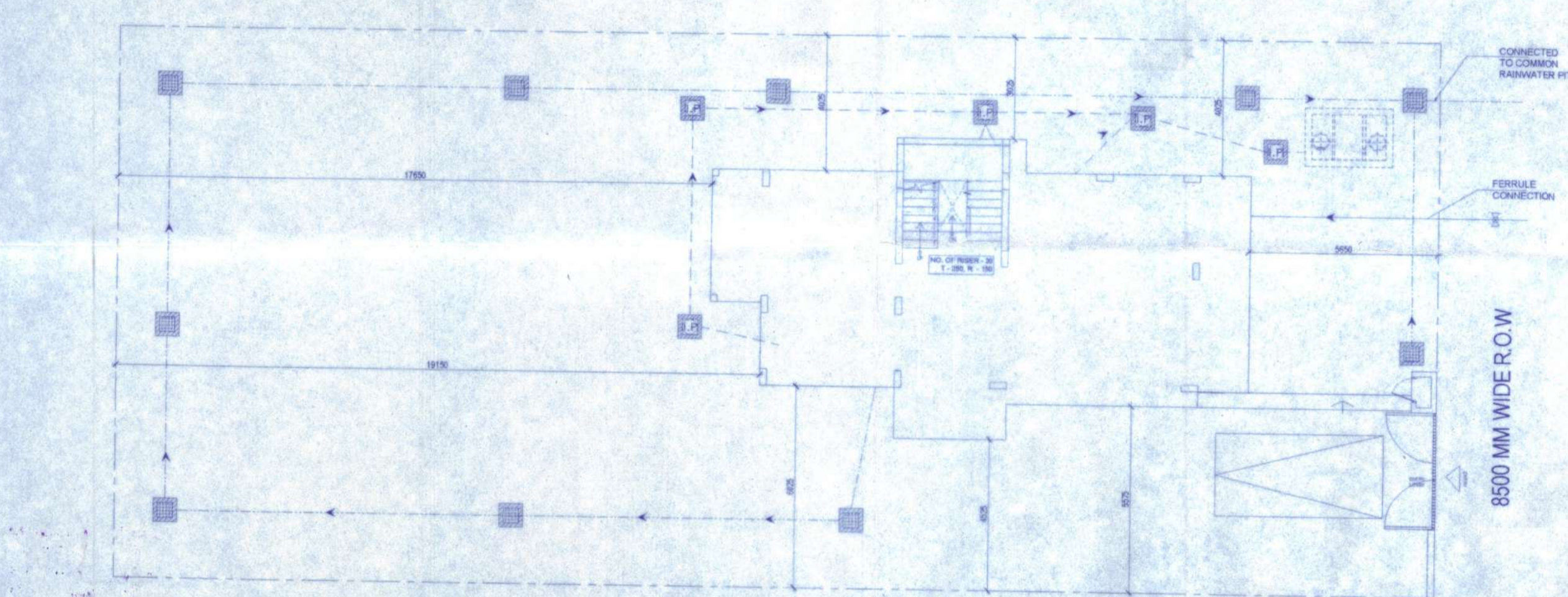
GROUND FLOOR PLAN  
SCALE - 1:100



FIRST FLOOR PLAN  
SCALE - 1:100

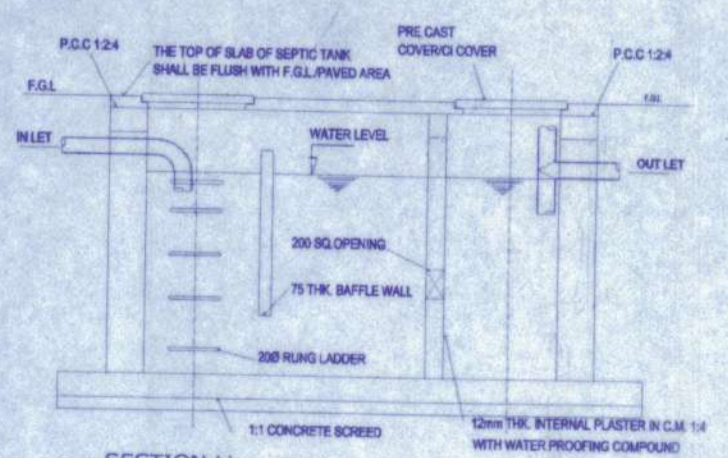


ROOF PLAN  
SCALE - 1:100

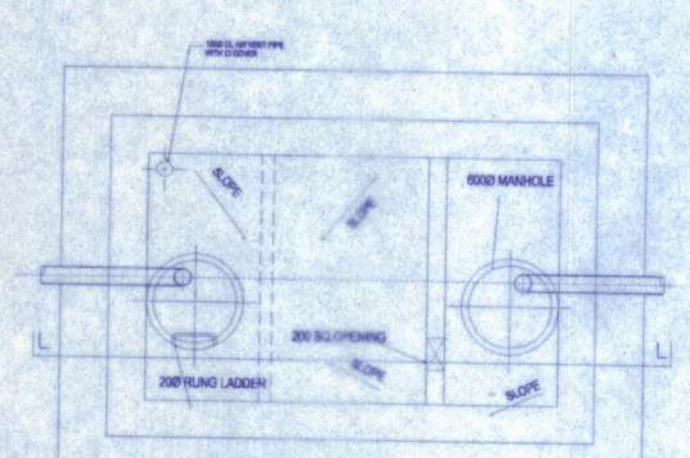


SITE PLAN WITH GROUND FLOOR LAYOUT

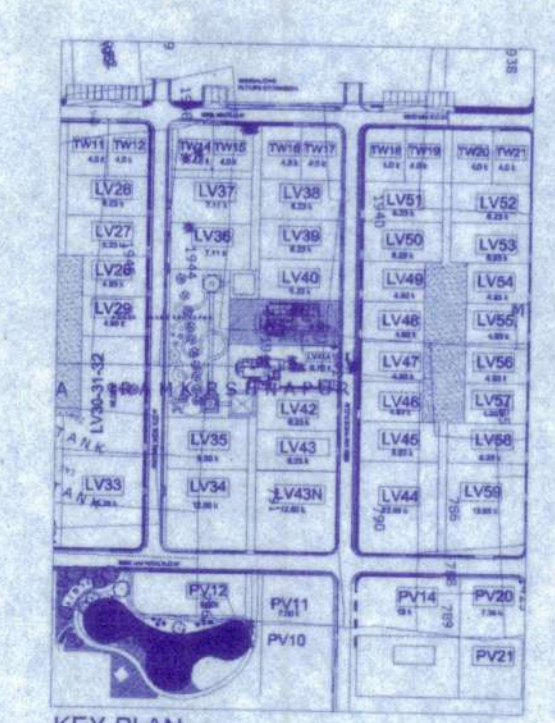
SITE PLAN  
SCALE - 1:100



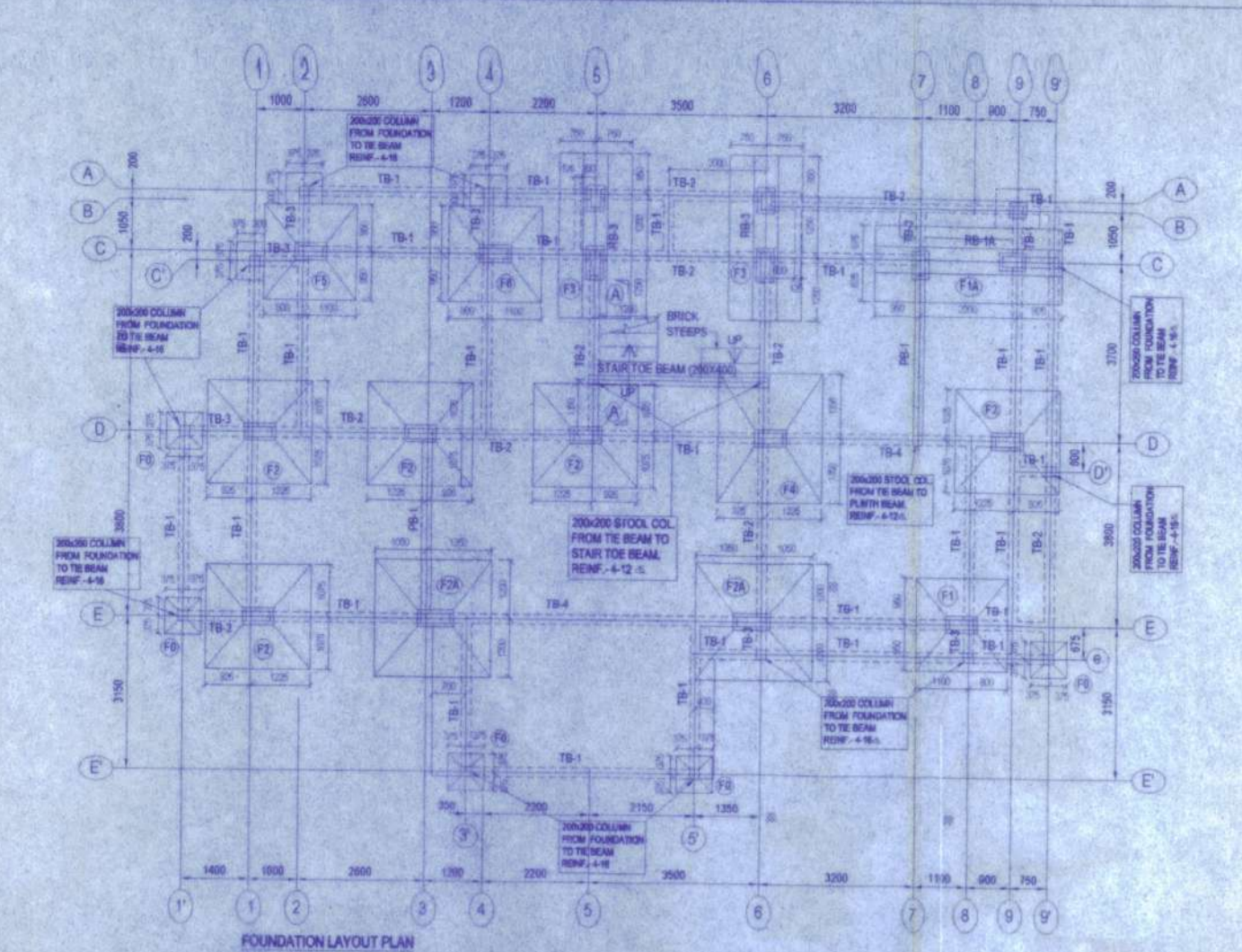
SECTION LL  
DETAIL OF SEPTIC TANK  
SCALE - 1:100



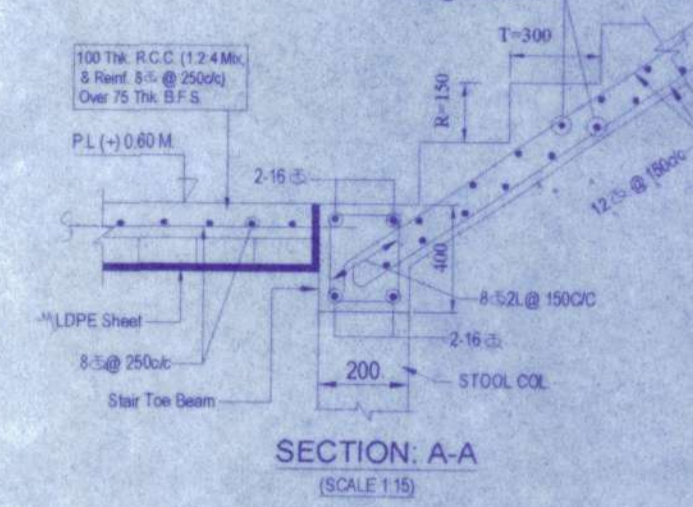
DETAIL OF SEPTIC TANK  
SCALE - 1:100



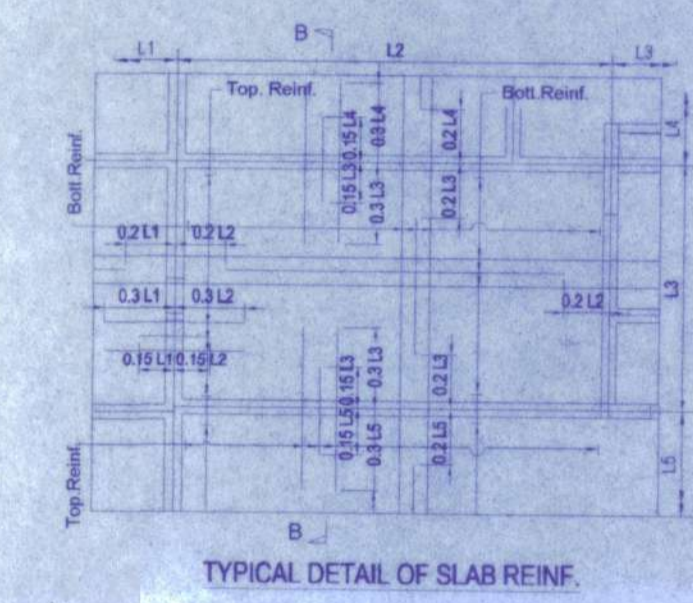
KEY PLAN  
SCALE - 1:2000



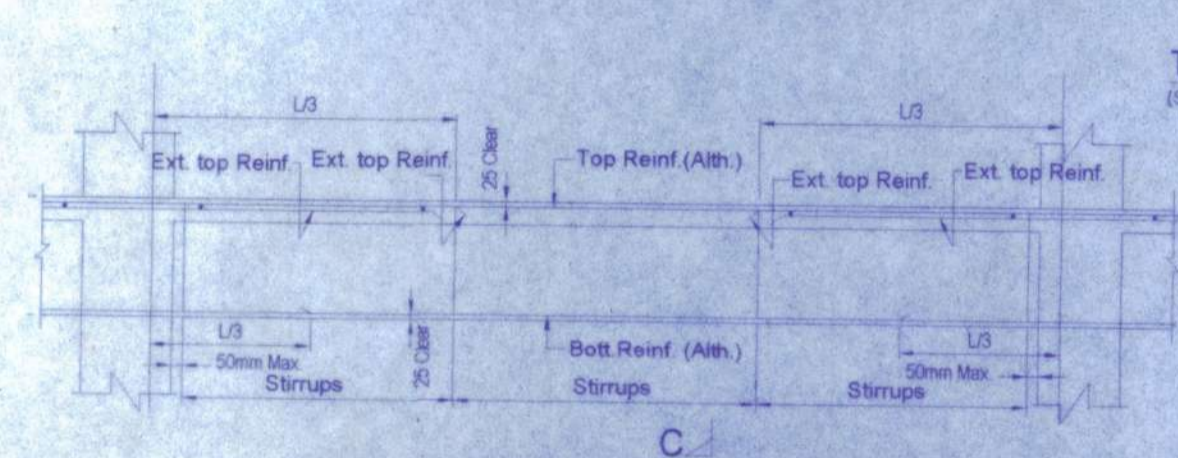
FOUNDATION LAYOUT PLAN



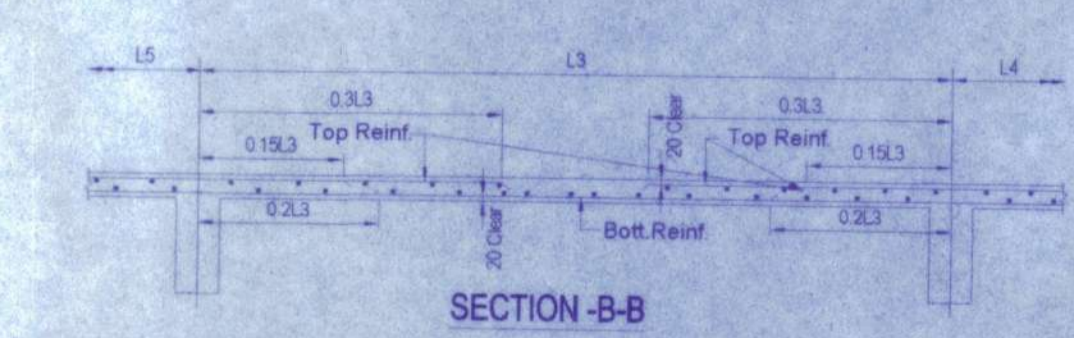
SECTION A-A  
(SCALE 1:15)



TYPICAL DETAIL OF SLAB REINF.



TYPICAL REINFORCEMENT DETAIL OF BEAM



SECTION B-B

SCHEDULE OF COLUMN -

COL. MKD.	SIZE & REINFORCEMENT
B	230x300 4-16
ALAC7	230x400 4-16 @ 100 C/C (1 PER SET) 4-16 @ 100 C/C (2 PER SET)
C1	300x400 4-16 @ 100 C/C (1 PER SET)
D1	300x400 4-16 @ 100 C/C (2 PER SET)
C2, C3, C4, C5, D1, E1, E2	300x500 4-16 @ 100 C/C (1 PER SET) 4-16 @ 100 C/C (2 PER SET)
D3, D4, D5	300x500 4-16 @ 100 C/C (1 PER SET) 4-16 @ 100 C/C (2 PER SET)
E1, E2, E3	300x600 4-16 @ 100 C/C (1 PER SET) 4-16 @ 100 C/C (2 PER SET)

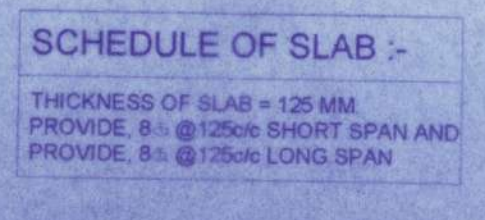
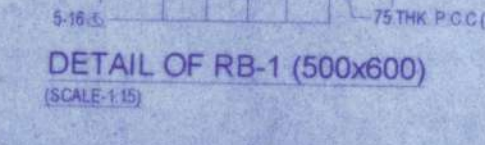
GRADE OF CONC. M-20 (DESIGN MIX)  
NOTE: FOR THE BRACING REFER LONG SECTION OF COLUMN

SCHEDULE OF FOUNDATION -

MKD.	UNDER COLS.	SIZE (WxL)	THICKNESS (mm)	REINFORCEMENT
FD	SHORTER IN LENGTH	750x750	300	300
F1	LONGER IN LENGTH	1500x1800	300	300
F1A	AS PER LAYOUT PLAN	200	350	10 @ 150mm
F2	AS PER LAYOUT PLAN	2150x2750	300	500
F2A	AS PER LAYOUT PLAN	2400x3000	300	500
F3	AS PER LAYOUT PLAN	1500x3000	200	300
F4	AS PER LAYOUT PLAN	2150x2700	300	600

SCHEDULE OF SLAB -

THICKNESS OF SLAB = 125 MM  
PROVIDE 8 @ 125mm SHORT SPAN AND PROVIDE 8 @ 175mm LONG SPAN



TYPICAL DETAIL OF FOOTING  
(SCALE 1:25)



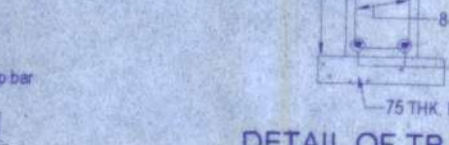
SECTION C-C  
(SCALE 1:15)



DETAIL OF TB-1 OR PB-1 (200X400)  
(SCALE 1:15)



DETAIL OF TB-2 & TB-4 (200X400)  
(SCALE 1:15)



DETAIL OF TB-3 (200X300)  
(SCALE 1:15)



**A. GENERAL NOTES:**

1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED
2. ALL EXTERNAL PLASTER ARE 18 MM THK AND INTERNAL PLASTERS ARE 12 MM THK RESPECTIVELY.
3. ALL EXTERNAL WALLS ARE 200 THK & INTERNAL PARTITION WALLS ARE 100 THK. UNLESS OTHERWISE MENTIONED
4. ALL ELECTRICAL AND PLUMBING WORKS ARE CONSIDERED AS PER I.S. CODE

**B. STRUCTURAL NOTE:**

1. ALL DIMENSIONS ARE IN MM. U.O.M
2. DIMENSIONS TO READ ONLY. NOT TO BE SCALED
3. THIS DRG. SHALL BE READ IN CONJUNCTION WITH RELEVANT ARCHITECTURAL DRGS.
4. FOR LOCATION OF THE BUILDING REFER ARCH. BLOCK LAYOUT PLAN
5. F.O.L. SHALL BE FIXED AT SITE AS PER SITE DECISION AND SHALL BE CONSIDERED AS 1:10.00 M
6. BEARING CAPACITY OF SOIL = CONSIDERED AS 8.0 MT/M<sup>2</sup>
7. GRADE OF -
- a) CONCRETE - M 25, DESIGN MIX (U.O.M.)
- b) STEEL - Fe 500
- c) CEMENT - EQUIVALENT TO 53
8. CLEAR COVER TO REINF.
- a) F.O.L. & F.O.L. BEAM - 50 mm
- b) COL - 40 mm
- c) THE BEAM - 50 mm
- d) STAIR - 25 mm
- e) Slab - Top & bottom - 20 mm. f) End - 25 mm
9. FLOOR BEAM - 25 mm
10. ANY TREATMENT SHALL BE DONE AS PER RELEVANT I.S. CODES
11. 50 THK. D.P.C. (1:2) WITH WATER PROOFING ADJUSTURE SHALL BE PROVIDED AT PLINTH LEVEL OVER ALL BRICK WALL BELOW PLINTH
12. CHAIR SHALL BE PROVIDED BETWEEN TWO LAYERS OF SLAB REINFORCEMENT WHEREVER REQUIRED.
13. SPACER BAR OF SUITABLE DIA SHALL BE PROVIDED BETWEEN TWO LAYERS OF BEAM REINFORCEMENT WHEREVER REQUIRED.
14. ALL CONCRETE SHALL BE MIXED BY MIXER AND SHALL BE COMPACTED BY MECHANICAL VIBRATOR
15. ANY DISCREPANCY FOUND IN THIS DRG. MUST BE BROUGHT TO THE NOTICE OF THE CONSULTANT PRIOR TO EXECUTION.
16. FOR ANY OTHER GUIDELINE NOT STATED IN THIS DRG. RELEVANT I.S. CODES ARE TO BE FOLLOWED.

**C. AREA CALCULATION:**

PLANT AREA - LV 41 - 650.03 SQ.M.

1. PROPOSED GROUND COVERAGE:
  - i) Prop. Gmd. Coverage - 98.91 sqm
2. PROPOSED COVERED AREA:
  - i) Prop. covered area - 223.15 sqm
3. BREAK UP OF COVERED AREA:
  - a. GROUND FLOOR AREA - 101.43 SQ.M.
  - b. FIRST FLOOR AREA - 83.40 SQ.M.
  - c. OPEN TERRACE - 11.02 SQ.M.
  - d. DECK AREA - 27.30 SQ.M.
  - TOTAL - 223.15 SQ.M.
4. HARDSCAPE AREA - 49.55 SQ.M.
5. HT. OF THE BUILDING - 8.5 M.
6. CAR PARKING PROVIDED : NO.1

**D. SIGNATURE OF OWNER:**

Merlin Projects Limited  
 Authorised Signatory  
 SIGNATURE OF OWNER

**E. SIGNATURE OF ENGINEER:**

Supriya Kumar Mondal  
 D.C.E.  
 Amtala Nutanpally, B.P. Road  
 24 Pgs. (S) Reg. No. 6597/1835  
 SIGNATURE OF ENGINEER

**DOOR, WINDOW, GLAZING SCHEDULE**

WINDOWS						
MARK	WIDTH	HEIGHT	SILL	LINTEL	REMARKS	
W1	800	2300	150	2450	PARTLY FIXED, TOP HUNG WINDOW	
W1A	800	1550	900	2450	TOP HUNG WINDOW	
W2	1000	3750	350	4100	PARTLY FIXED, TOP HUNG WINDOW	
W3	600	1550	900	2450	PARTLY FIXED, TOP HUNG WINDOW	
W4	600	1550	900	2450	SLIDING WINDOW	
SW1	2700	2300	150	2450	FIXED GLAZING	
FG	AS PER ELEVATION	AS PER ELEVATION	AS PER ELEVATION	AS PER ELEVATION	GLAZING	

**DOORS**

MARK	WIDTH	HEIGHT	SILL	LINTEL	REMARKS
D1	1500	2400		2450	DOUBLE SHUTTER WOODEN DOOR
D2	1000	2400		2450	SINGLE SHUTTER WOODEN DOOR
D3	800	2400		2450	GLAZED DOOR
D4	750	2400		2450	SINGLE SHUTTER WOODEN DOOR
D4A	750	2100		2150	SINGLE SHUTTER WOODEN DOOR
D5	800	2100		2150	GLAZED DOOR
D6	850	2400		2450	SINGLE SHUTTER WOODEN DOOR
DW1	1300	2400		2450	GLAZED DOOR
GD1	1000	1700	150		GLAZED DOOR
SD1	2700	2400		2450	SLIDING GLASS DOOR
SD2	3000	2400		2450	SLIDING GLASS DOOR, PARTLY FIXED
SD3	3800	2400		2450	SLIDING GLASS DOOR, PARTLY FIXED

**G. PROJECT:**

PROPOSED TYPICAL G+1 BUNGALOW FOR RESIDENTIAL COMPLEX AT PLOT NO LV-41 DAG NO 1942, 1943, 1944, MOUZA-RAMKRISHNAPUR, P.S. - BISHNUPUR, DIST. - SOUTH 24 PGS. WEST BENGAL

**SANCTION DRAWING**

TITLE: SITE PLANS, KEY PLAN, FLOOR PLANS, ELEVATIONS AND SECTIONS, SEPTIC TANK DETAIL OF LUXURY VILLA 3BR/TYPE 2, - PLOT NO LV-41

DWG. NO.	NOTE	DATE	SHEET NO. - 1	REV.
AR/PL/LEV/DRG/TP/0000/00	Scale: 1:100, 2000			