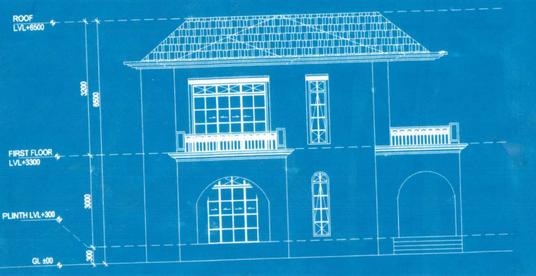
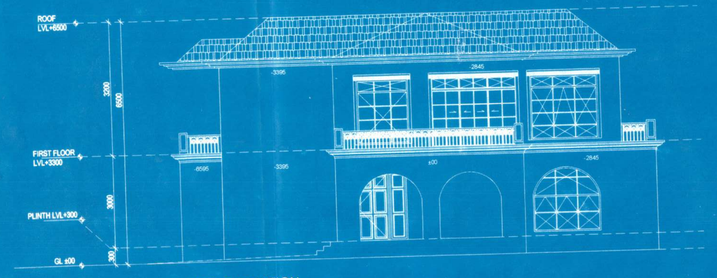
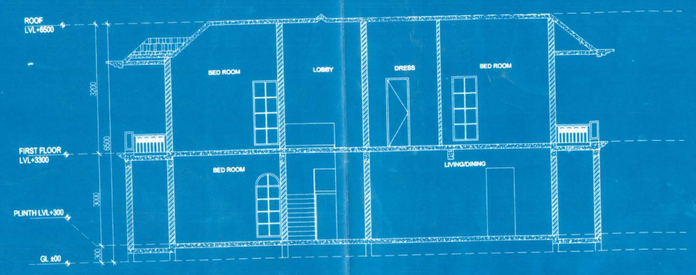


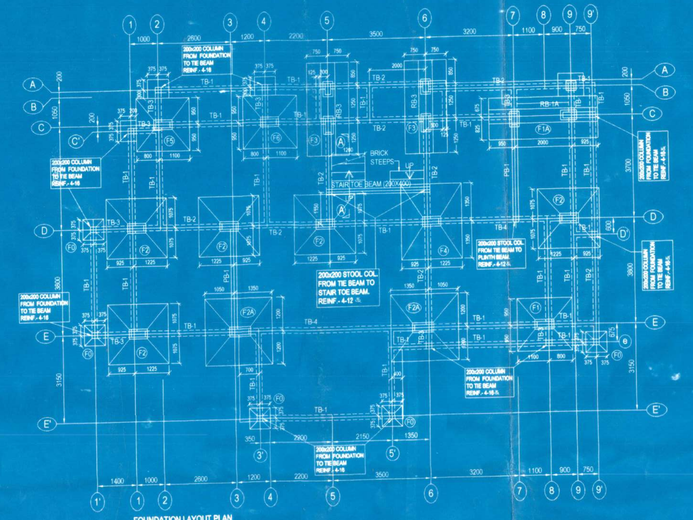

FRONT ELEVATION
SCALE - 1:100

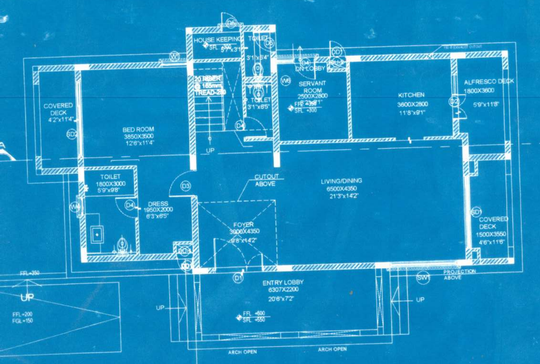



SIDE ELEVATION
SCALE - 1:100

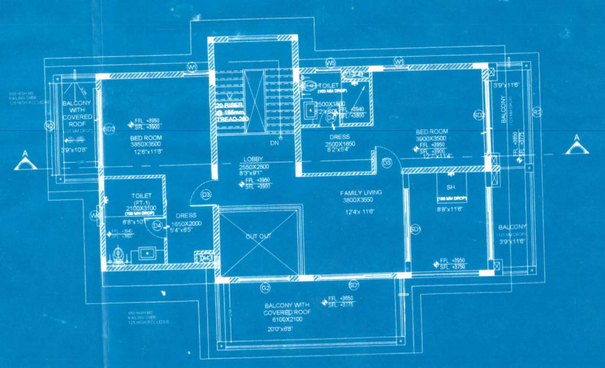



SECTION AA
SCALE - 1:100

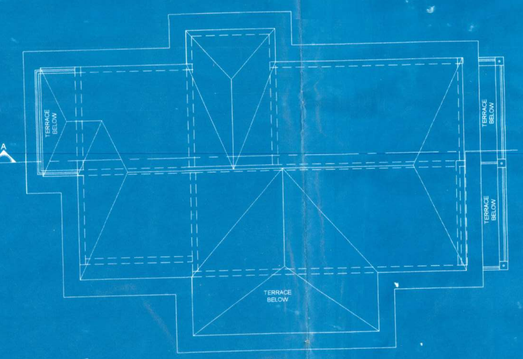


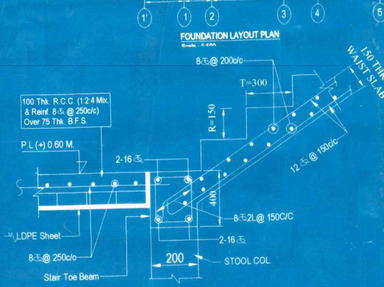

GROUND FLOOR PLAN
SCALE - 1:100



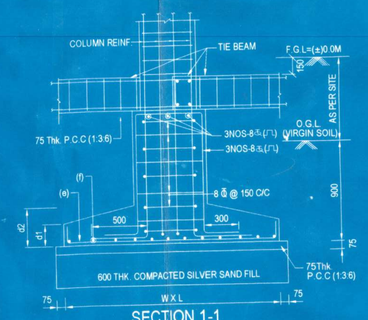

FIRST FLOOR PLAN
SCALE - 1:100



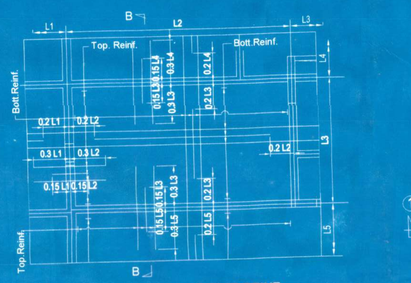

ROOF PLAN
SCALE - 1:100



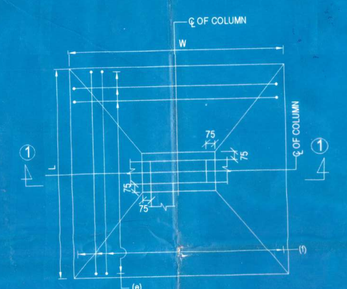

SECTION: A-A
(SCALE 1:15)



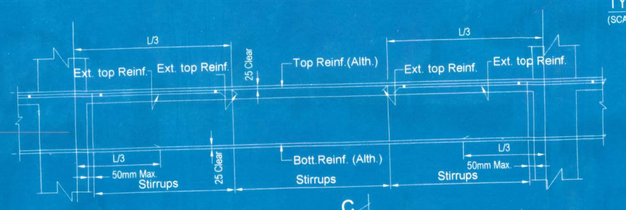

SECTION 1-1
(SCALE 1:25)




TYPICAL DETAIL OF SLAB REINF.

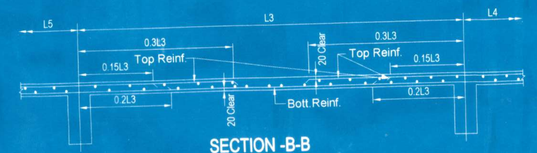



TYPICAL DETAIL OF FOOTING
(SCALE 1:25)




C

TYPICAL REINFORCEMENT DETAIL OF BEAM



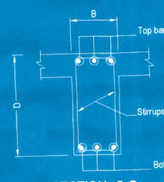

SECTION -B-B

SCHEDULE OF COLUMN :-

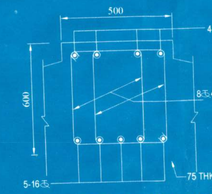
| COL. MKD. | SIZE & REINFORCEMENT | |
|---|---|---|
| | FDN. TO 1ST FLOOR LEV. | 1ST FLOOR LEV. TO END |
| B8 | 200X1200 4-16 ℄ | —— |
| | 8 ℄ @100 C/C (1 TIE PER SET ) | |
| A5,A6,C7 | 200X1400 8-16 ℄ | 200X1400 4-16 ℄+ 4-12 ℄ |
| | 8 ℄ @100 C/C (2 TIE PER SET ) | |
| C9 | 200X1400 8-16 ℄ | —— |
| | 8 ℄ @100 C/C (2 TIES PER SET ) | |
| D9 | 200X1500 8-16 ℄ | —— |
| | 8 ℄ @100 C/C (2 TIES PER SET ) | |
| C2, C4, C5, C6, D1, E1,E8 | 200X1500 8-16 ℄ | 200X1500 4-16 ℄+ 4-12 ℄ |
| | 8 ℄ @100 C/C (2 TIES PER SET ) | |
| D3,D5,D6 | 200X1500 4-20 ℄+ 4-16 ℄ | 200X1500 8-16 ℄ |
| | 8 ℄ @100 C/C (2 TIES PER SET ) | |
| E3,E6 | 200X1800 8-20 ℄+ 2-16 ℄ | 200X1800 10-16 ℄ |
| | 8 ℄ @100 C/C (2 TIES + 1 LINK PER SET ) | |
| GRADE OF CONC. | M-25 (DESIGN MIX ) | |
| NOTE:- FOR TIE SPACING REFER LONG SECTION OF COLUMN | | |

SCHEDULE OF FOUNDATION:-

| MKD. | UNDER COLS. | SIZE (WXL) (mmxmm) | THICKNESS(mm) | | REINFORCEMENT | |
|---|---|---|---|---|---|---|
| | | | d1 | d2 | SHORTER (s) | LONGER (l) |
| F0 | D1',E1',E3',E6',A8' | 750X750 | 200 | 300 | 10 ℄ @150c/c | 10 ℄ @150c/c |
| F1 | B8 | 1900X1900 | 200 | 350 | 10 ℄ @150c/c | 10 ℄ @150c/c |
| F1A | C7,C9,B8 | AS PER LAYOUT PLAN | 200 | 350 | 10 ℄ @150c/c | 8 ℄ @200c/c |
| F2 | D1,D3,D5,D9,E1 | 2150X2150 | 300 | 500 | 12 ℄ @150c/c | 12 ℄ @150c/c |
| F2A | E3,E6 | 2400X2400 | 300 | 500 | 12 ℄ @150c/c | 12 ℄ @150c/c |
| F3 | A5,C6,B6,C8 | 1500X3350 | 200 | 350 | 10 ℄ @150c/c | 8 ℄ @200c/c |
| F4 | D6 | 2150X2700 | 350 | 600 | 12 ℄ @150c/c | 12 ℄ @125c/c |
| F5 | C2 | AS PER LAYOUT PLAN | 200 | 350 | 12 ℄ @150c/c | 10 ℄ @150c/c |
| F6 | C4 | AS PER LAYOUT PLAN | 200 | 350 | 12 ℄ @150c/c | 10 ℄ @150c/c |



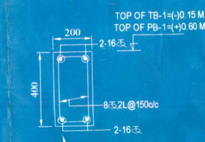

SECTION -C-C
SCALE - 1:15



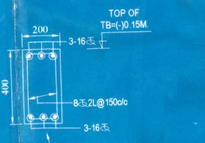

DETAIL OF RB-1 (500x600)
(SCALE-1:15)

SCHEDULE OF SLAB :-

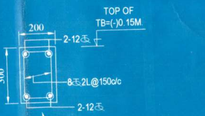
THICKNESS OF SLAB = 125 MM.
PROVIDE. 8 ℄ @125c/c SHORT SPAN AND PROVIDE. 8 ℄ @125c/c LONG SPAN



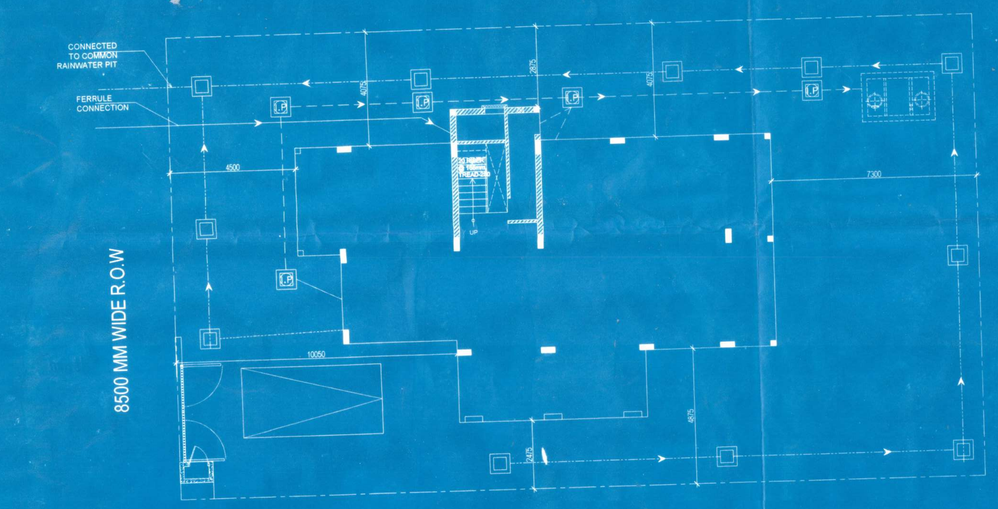

DETAIL OF TB-1 OR PB-1
(200X400)
(SCALE-1:15)




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

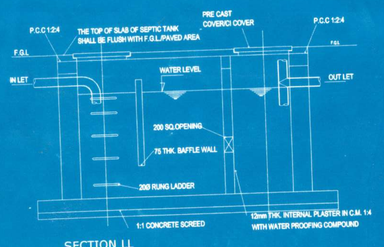



DETAIL OF TB-3
(200X300)
(SCALE-1:15)




SITE PLAN WITH GROUND FLOOR LAYOUT

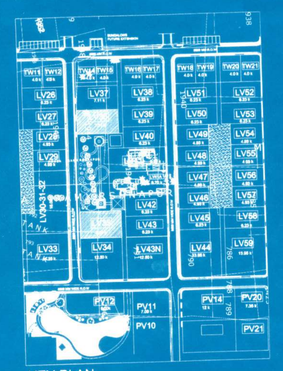
SITE PLAN
SCALE - 1:100




SECTION LL
DETAIL OF SEPTIC TANK
SCALE - 1:100

DETAIL OF SEPTIC TANK
3000(L) X 2000(W) X 1200 (D)

DETAIL OF SEPTIC TANK
SCALE - 1:100




KEY PLAN
SCALE - 1:2000

## 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.G.L SHALL BE FIXED AT SITE AS PER SITE DECISION AND SHALL BE CONSIDERED AS (+)0.00 M
6. BEARING CAPACITY OF SOIL = CONSIDERED AS 8.0 MT/M²
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) FDN. & FDN. BEAM =50 mm.
   b) COL.=40 mm.
   c) TIE BEAM=30 mm.
   d) STAIR=25 mm.
   e) Slab - i) Top & bottom =20 m.m. ii) End = 25 m.m.
   f) Floor beam= 25 mm.
9. ANTI TERMITE TREATMENT SHALL BE DONE AS PER RELEVANT I.S. CODES
10. 50 THK. D.P.C (1:1:2) WITH WATER PROOFING ADMIXTURE SHALL BE PROVIDED AT PLINTH LEVEL OVER ALL BRICK WALL BELOW PLINTH
11. CHAIR SHALL BE PROVIDED BETWEEN TWO LAYERS OF SLAB REINFORCEMENT WHEREVER REQUIRED.
12. SPACER BAR OF SUITABLE DIA SHALL BE PROVIDED BETWEEN TWO LAYERS OF BEAM REINFORCEMENT WHEREVER REQUIRED.
13. ALL CONCRETE SHALL BE MIXED BY MIXER M/C AND SHALL BE COMPACTED BY MECHANICAL VIBRATOR.
14. ANY DISCREPANCY FOUND IN THIS DRG. MUST BE BROUGHT TO THE NOTICE OF THE CONSULTANT PRIOR TO EXECUTION.
15. FOR ANY OTHER GUIDELINE NOT STATED IN THIS DRG. RELEVANT I.S. CODES ARE TO BE FOLLOWED.

## C. AREA CALCULATION :

**PLOT AREA -LV 37- 476.88 SQM.**

1. **PROPOSED GROUND COVERAGE:**

i) **Prop. Grnd.Coverage - 141.80 sqm**

4. **PROPOSED COVERED AREA**

i) **Prop. covered area - 306.15 sqm**

5. **BREAK UP OF COVERED. AREA :**

| | | |
|---|---|---|
| a. | GROUND FLOOR AREA | : 141.25 SQM. |
| b. | FIRST FLOOR AREA | : 92.96 SQM. |
| c. | TERRACE WITH COVERED ROOF AREA | : 21.94 SQM |
| d. | OPEN TERRACE | : 10.73 SQM |
| | TOTAL | :266.88 SQ.M. |

6. HARDSCAPE AREA : 52.50 SQM

7. HT. OF THE BUILDING : 6.5 M.

CAR PARKING PROVIDED : NO.1

## D. SIGNATURE OF OWNER :

MERLIN PROJECTS LTD.
Authorised Signatory

SIGNATURE OF OWNER

## E. SIGNATURE OF ENGINEER :

Supriya Kumar Mondal
D.C.E.
Amrita Nursing, B.P. Road
Ramkrishnapur, Kharagpur
Cert. Regn. No. - W/1/11/1/2005

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 | |

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 | AS PER ELEVATION | GLAZED DOOR |
| SD1 | 2700 | 2400 | —— | 2450 | SLIDING GLASS DOOR |
| SD2 | 3000 | AS PER ELEVATION | —— | AS PER ELEVATION | SLIDING GLASS DOOR, PARTLY FIXED |
| SD3 | 3600 | 2400 | —— | 2450 | SLIDING GLASS DOOR, PARTLY FIXED |

## G. PROJECT:

**PROPOSED TYPICAL G+1 BUNGALOW FOR RESIDENTIAL COMPLEX AT PLOT NO LV-37 ,DAG NO -1943.1944 MOUZA-RAMKRISHNAPUR,P.S.-BISNUPUR, 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 1), - PLOT NO LV-37

| DWG. NO.: | NOTE: | DATE: | SHEET NO.- | REV.: |
|---|---|---|---|---|
| AR/IM-LV/01SR-T2/SANC/002 | Scale 1:100,2000 | | 1 | |

N