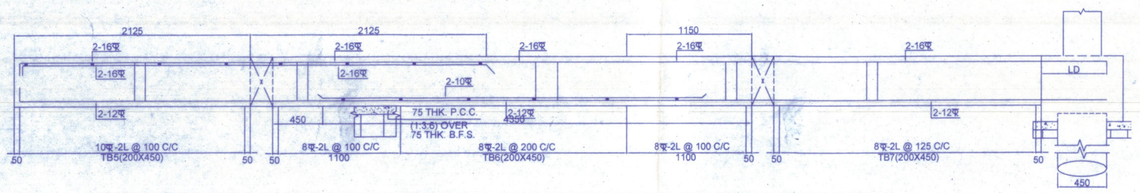
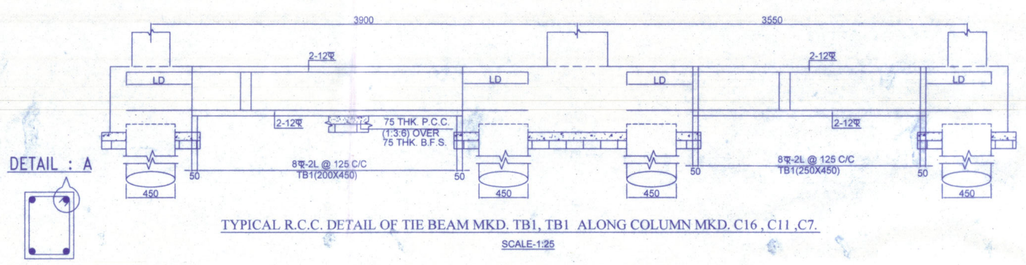


TYPICAL R.C.C. DETAIL OF TIE BEAM MKD. TB5,TB6,&TB7 ALONG COLUMN MKD. C6 , ACCROSS BEAM MKD. TB3&TB2.
SCALE-1:25



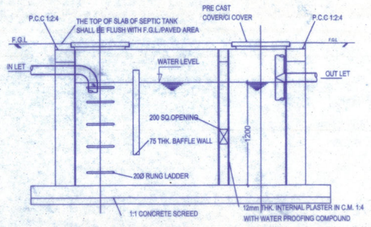
TYPICAL R.C.C. DETAIL OF TIE BEAM MKD. TB1, TB1 ALONG COLUMN MKD. C16 , C11 ,C7.
SCALE-1:25

DETAIL : A

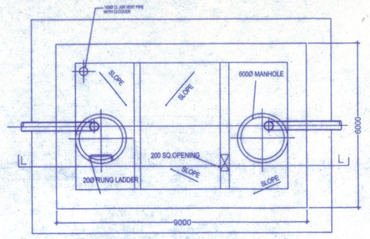
SCHEDULE OF SLAB :-

THICKNESS OF SLAB = 125 MM
PROVIDE STOR@125C/C SHORT SPAN AND PROVIDE STOR@125C/C LONG SPAN

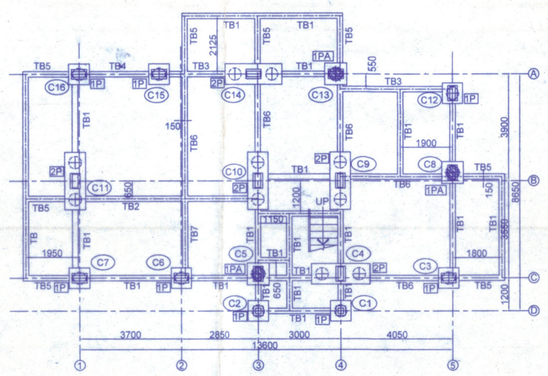
L= LEFT
R= RIGHT
X & Y= AXIS



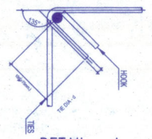
SECTION LL

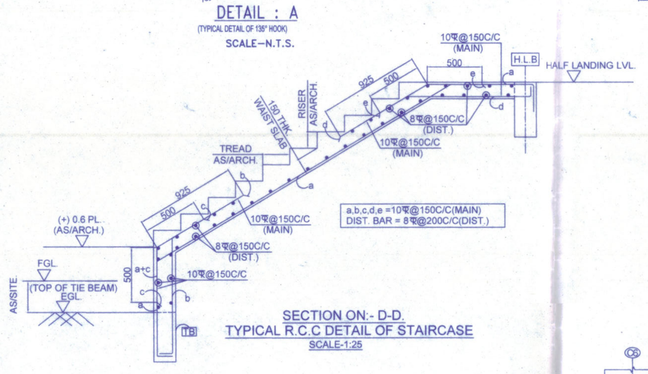


DETAIL OF SEPTIC TANK 3000(L) X 2000(W) X 1200 (D)

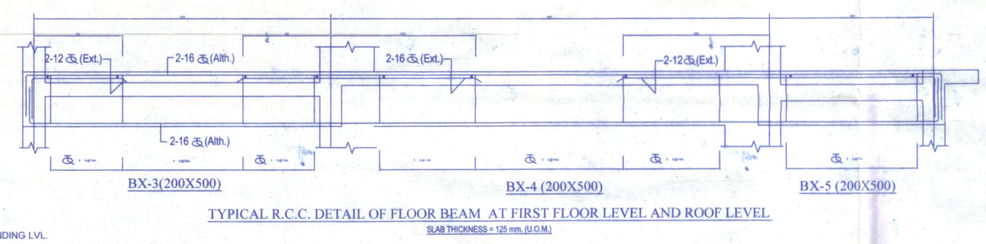


SCALE :- 1:100
PILE LAYOUT PLAN& TIE BEAM LAYOUT PLAN

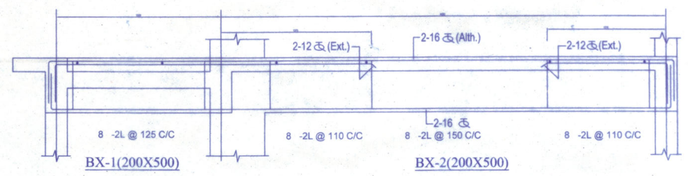




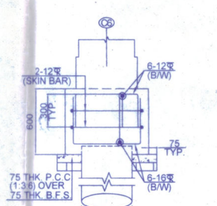
SECTION ON:- D-D.
TYPICAL R.C.C DETAIL OF STAIRCASE
SCALE-1:25



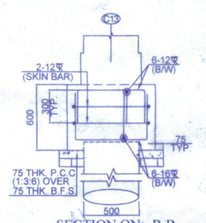
TYPICAL R.C.C. DETAIL OF FLOOR BEAM AT FIRST FLOOR LEVEL AND ROOF LEVEL
SLAB THICKNESS = 125 mm. (U.O.M.)



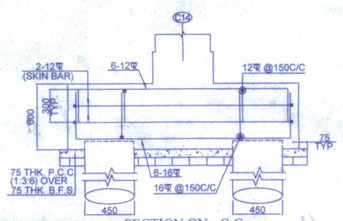
TYPICAL R.C.C. DETAIL OF FLOOR BEAM AT FIRST FLOOR LEVEL AND ROOF LEVEL
SLAB THICKNESS = 125 mm. (U.O.M.)



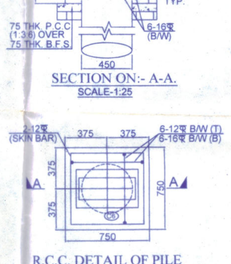
SECTION ON:- A-A.
SCALE-1:25



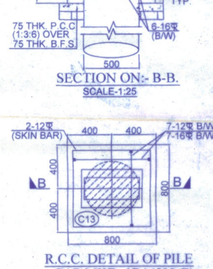
SECTION ON:- B-B.
SCALE-1:25



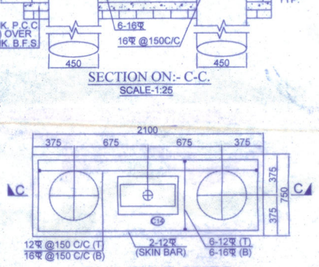
SECTION ON:- C-C.
SCALE-1:25



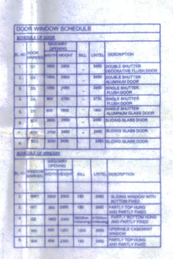
R.C.C. DETAIL OF PILE CAP MKD. 1P(450 Ø).
SCALE=1:25



R.C.C. DETAIL OF PILE CAP MKD. 1PA(500 Ø).
SCALE=1:25



R.C.C. DETAIL OF PILE CAP MKD. 2P(450 Ø).
SCALE=1:25



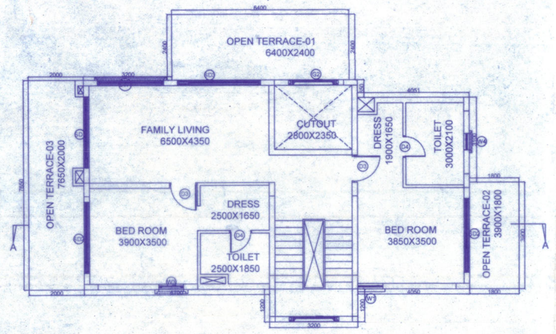
DOOR WINDOW SCHEDULE

DOOR NO.	SIZE	NOS.	DESCRIPTION
D1	1000 X 2100	1	DOOR SHUTTER
D2	900 X 2100	1	DOOR SHUTTER
D3	800 X 2100	1	DOOR SHUTTER
D4	750 X 2100	1	DOOR SHUTTER
D5	700 X 2100	1	DOOR SHUTTER
D6	600 X 2100	1	DOOR SHUTTER
W1	1500 X 1200	1	WINDOW SHUTTER
W2	1200 X 1200	1	WINDOW SHUTTER
W3	1000 X 1200	1	WINDOW SHUTTER
W4	900 X 1200	1	WINDOW SHUTTER
W5	600 X 1200	1	WINDOW SHUTTER
V1	600 X 600	1	VENTILATOR
V2	450 X 600	1	VENTILATOR
V3	300 X 600	1	VENTILATOR

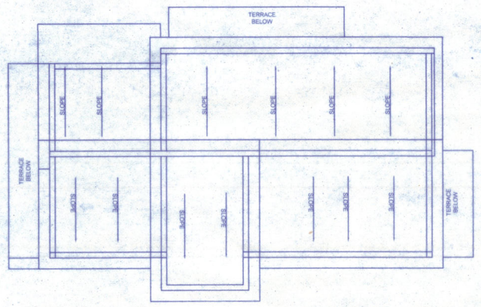
ELEVATION-01

ELEVATION-02

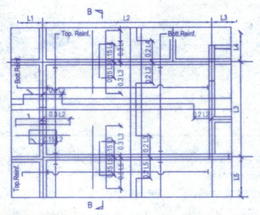
SECTION AT "AA"



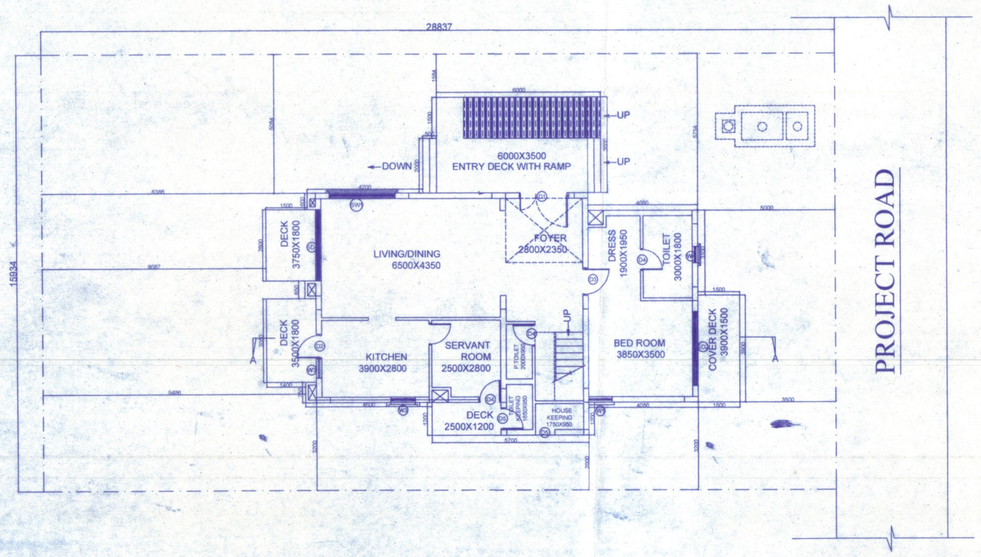
FRIST FLOOR PLAN



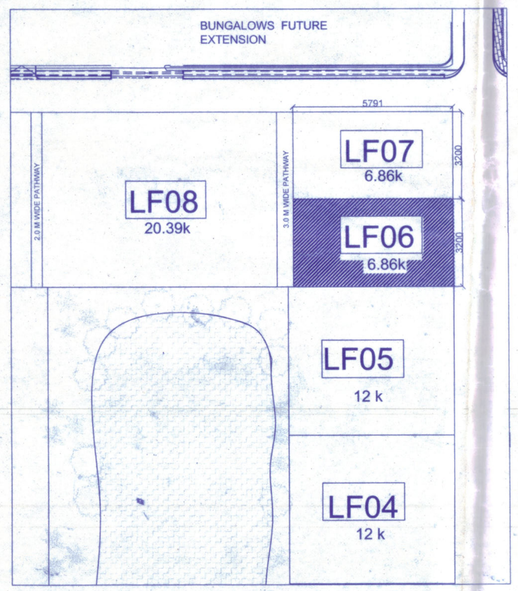
ROOF PLAN



TYPICAL DETAIL OF SLAB REINF.



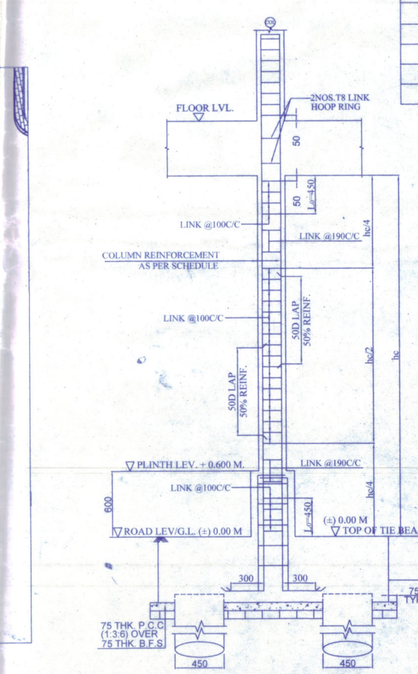
GROUND FLOOR PLAN



KEY PLAN

TIE BEAM SCHEDULE

BEAM NUMBERS	SIZE		TOP REINFORCEMENT			TOP REINFORCEMENT			SHEAR STIRRUPS		
	B	D	LEFT	MID SPAN	RIGHT	LEFT	MID SPAN	RIGHT	LEFT	MID SPAN	RIGHT
TB1	200	450	2-12ϕ	2-12ϕ	2-12ϕ	2-12ϕ	2-12ϕ	2-12ϕ	8ϕ-2L @ 125 C/C	8ϕ-2L @ 250 C/C	8ϕ-2L @ 125 C/C
TB2	200	450	2-16ϕ+ 2-16ϕ	2-16ϕ	2-16ϕ+ 2-16ϕ	2-12ϕ	2-16ϕ+ 2-12ϕ	2-12ϕ	8ϕ-2L @ 90 C/C	8ϕ-2L @ 175 C/C	8ϕ-2L @ 90 C/C
TB3	200	450	3-12ϕ	2-12ϕ	3-12ϕ	2-12ϕ	2-12ϕ	2-12ϕ	8ϕ-2L @ 100 C/C	8ϕ-2L @ 200 C/C	8ϕ-2L @ 100 C/C
TB4	200	450	3-12ϕ	2-12ϕ	2-12ϕ	2-12ϕ	2-12ϕ	2-12ϕ	8ϕ-2L @ 100 C/C	8ϕ-2L @ 200 C/C	8ϕ-2L @ 100 C/C
TB5	200	450	2-16ϕ+ 2-16ϕ	2-16ϕ+ 2-16ϕ	2-16ϕ+ 2-16ϕ	2-12ϕ	2-12ϕ	2-12ϕ	10ϕ-2L @ 100 C/C	10ϕ-2L @ 100 C/C	10ϕ-2L @ 100 C/C
TB6	200	450	2-16ϕ+ 2-16ϕ	2-16ϕ	2-16ϕ+ 2-16ϕ	2-12ϕ	2-12ϕ+ 2-12ϕ	2-12ϕ	8ϕ-2L @ 100 C/C	8ϕ-2L @ 200 C/C	8ϕ-2L @ 100 C/C
TB7	200	450	2-16ϕ	2-16ϕ	2-16ϕ	2-12ϕ	2-12ϕ	2-12ϕ	8ϕ-2L @ 125 C/C	8ϕ-2L @ 250 C/C	8ϕ-2L @ 125 C/C



TYP. LONGITUDINAL SECTION OF COLUMN

DETAILS OF R.C.C. COLUMN SECTION

COLUMN MKD	COLUMN SIZE	FDN. TO PEDESTAL TOP	PEDESTAL TOP TO 1ST FL. LVL	1ST FL. LVL. TO ROOF	LINKS
C3,C4,C5, C7,C8,C9 C10,C11, C12,C13, C14,C15, C16.	200 X 500	12-12ϕ, 6-12ϕ, 8ϕ LINK @200C/C	12-12ϕ, 12-12ϕ, 8ϕ LINKS @100/200C/C	12-12ϕ, 12-12ϕ, 8ϕ LINKS @100/200C/C	8ϕ LINK @ 100/ 200 C/C FOR ALL VERT. BAR
C6	200 X 500	12-16ϕ, 6-12ϕ, 8ϕ LINK @200C/C	5 PER SET 12-16ϕ, 8ϕ LINKS @100/200C/C	5 PER SET 4-16ϕ, 4-12ϕ, 8ϕ LINKS @100/200C/C, 4-16ϕ	
C11.	200 X 500	4-16ϕ, 8-12ϕ, 6-12ϕ, 8ϕ LINK @200C/C	5 PER SET 4-16ϕ, 8-12ϕ, 8ϕ LINKS @100/200C/C, 2-16ϕ	5 PER SET 4-16ϕ, 8-12ϕ, 8ϕ LINKS @100/200C/C, 2-16ϕ	
C1,C2	200 X 200	4-16ϕ, 4-16ϕ, 8ϕ LINK @200C/C	5 PER SET 4-16ϕ, 4-16ϕ, 8ϕ LINKS @100/200C/C	1 PER SET 4-16ϕ, 4-16ϕ, 8ϕ LINKS @100/200C/C	1 PER SET

A.GENERAL NOTES:

1. ALL DIMENSION ARE IN MM UNLESS OR OTHERWISE SPECIFIED.
2. ALL EXTERNAL PLASTER ARE IN 18 MM TH AND INTER--NAL PLASTER ARE 12 MM TH.
3. ALL EXTERNAL WALL'S ARE 200 MM TH AND INTERNAL WALL'S ARE 100 MM TH OR OTHERWISE MENTIONED.
4. ALL ELECTRICAL AND PLUMBING WORKS ARE CONS--IDERED AS PER I.S. CODE.

B.STRUCTURAL NOTE:

1. ALL DIMENSION ARE IN MM UNLESS OR OTHERWISE SPECIFIED.
2. DIMENSION TO READ ONLY, NOT TO BE SCALED.
3. THIS DRAWING 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 (+-)0.00M.
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= Fe500.
   c) CEMENT= EQUIVALENT TO 53.
8. CLEAR COVER TO REINF
   a) FOUNDATION AND FOUNDATION BEAM=50MM
   b) COLUMN= 40 MM
   c) TIE BEAM=30 MM
   d) STAIR=25 MM
   e) SLAB TOP AND BOTTOM=20MM AND END=25MM
   f) FLOOR BEAM=25 MM
9. ANTI TERMITE TREATMENT SHALL BE DONE AS PER RELEVANT I.S. CODES.
10. 50 TH D.P.C (1:1:2) WITH WATER PROOFING ADMIXTURE SHALL BE PROVIDE AT PLINTH LEVEL OVER ALL BRICK WORK BELOW PLINTH LEVEL.
11. CHAIR SHALL BE PROVIDED BETWEEN TWO LAYERS OF SLAB REINFORCEMENT WHEREVER REQUIRED.
12. SPACE 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 OF THE CONSULTANT PRIOR TO EXECUTION.
15. FOR ANY OTHER GUIDELINE NOT STATED IN THIS DRAWING RELEVANT I.S. CODED ARE NOT TO BE FOLLOWED.

C.AREA CALCULATION:

1.	PLOT AREA OF LF06	=459.49 SQM
2.	GROUND FLOOR AREA	=113.47 SQM
3.	FIRST FLOOR AREA	=90.79 SQM.
4.	OPEN TERRACE AREA(100%)	=35.21 SQM.
5.	TOTAL AREA	=239.47 SQM
6.	DECK AND HARDSCAPE	=76.00 SQM
7.	LAWN AREA	=270.02 SQM
8.	HEIGHT OF BUILDING 6.5 METER.	
9.	CAR PARKING PROVIDED -1 NO.	

D. SIGNATURE OF OWNER:

ALLOTROPE INDIA PVT. LTD.
Authorised Signatory
SIGNATURE OF OWNER

E.SIGNATUREOF ENGINEER:

Supriya Kumar Mondal
D.C.E.
Amtala Mutanpally, B.P. Road
24 Pgs.(S) Reg. No.: 856/1985
SIGNATURE OF ENGINEER

F.PROJECT:

PROPOSED TYPICAL G+1 BUNGALOW FOR RESIDENTIAL COMPLEX AT PLOT NO LF-06 , DAG NO-1960,MOUZA - RAMKRISHNAPUR, P.S -BISHNUPUR, DIST-SOUTH 24 P.G.S, WEST BENGAL.

G.SANCTION DRAWING:

SITE PLAN,FLOOR'S PLAN, ROOF PLAN, ELEVATION, SECTION, DETAILS OF SEPTIC TANK AND STRUCTURAL DETAILS OF LF 3BR OPTION-01, PLOT NO LF-06.

Approved By
Bharati Das
Prodhan
Ramkrishnapur Borhanpur
Gram Panchayat 13/03/2024

DWG NO:01	NOTE	DATE	SHEET NO. 01	REV.