

GROUND FLOOR BEAM SCHEDULE

BEAM MKD.	SECTION	REINF.(SUPPORT)		REINF.(SPAN)		STIRRUP
		TOP	BOTTOM	TOP	BOTTOM	
B1	250X350	3-12 $\bar{\nu}$ + 2-16 $\bar{\nu}$	3-16 $\bar{\nu}$	3-12 $\bar{\nu}$	5-16 $\bar{\nu}$	2L-8T@150 c/c
B3	250X400	3-16 $\bar{\nu}$ + 2-16 $\bar{\nu}$	3-16 $\bar{\nu}$	3-16 $\bar{\nu}$	5-16 $\bar{\nu}$	2L-8T@150 c/c
B3a	200X500	3-16 $\bar{\nu}$ + 2-16 $\bar{\nu}$	3-16 $\bar{\nu}$	3-16 $\bar{\nu}$	3-16 $\bar{\nu}$ + 2-16 $\bar{\nu}$	2L-8T@150 c/c
B4	500X200	5-16 $\bar{\nu}$ + 3-16 $\bar{\nu}$	5-16 $\bar{\nu}$	5-12 $\bar{\nu}$	3-16 $\bar{\nu}$	2L-8T@150 c/c

TYP. FL. BEAM SCHEDULE

BEAM MKD.	SECTION	REINF.(SUPPORT)		REINF.(SPAN)		STIRRUP
		TOP	BOTTOM	TOP	BOTTOM	
B1	250X350	3-12 $\bar{\nu}$ + 2-16 $\bar{\nu}$	3-16 $\bar{\nu}$	3-12 $\bar{\nu}$	5-16 $\bar{\nu}$	2L-8T@150 c/c
B2	250X300	2-12 $\bar{\nu}$ + 2-16 $\bar{\nu}$	2-16 $\bar{\nu}$	2-12 $\bar{\nu}$	4-16 $\bar{\nu}$	2L-8T@150 c/c
B3	250X400	3-16 $\bar{\nu}$ + 2-16 $\bar{\nu}$	3-16 $\bar{\nu}$	3-16 $\bar{\nu}$	5-16 $\bar{\nu}$	2L-8T@150 c/c
B3a	200X500	3-16 $\bar{\nu}$ + 2-16 $\bar{\nu}$	3-16 $\bar{\nu}$	3-16 $\bar{\nu}$	5-16 $\bar{\nu}$	2L-8T@150 c/c
ALL TIE BEAMS	250X400	5-16 $\bar{\nu}$	3-16 $\bar{\nu}$	3-16 $\bar{\nu}$	5-16 $\bar{\nu}$	2L-8T@175 c/c

FOUNDATION SCHEDULE

FDN MKD.	F.D.N UNDER COLUMN	FOUND SIZE L1XL2 (mm/mm)	d (mm)	D (mm)	REINFORCEMENT
F1	C1,C4,C21,C24	2000X2000	200	400	10 T @ 110 c/c(B/W)
F2	C2,C3,C8,C12,C16,C17,C20,C22,C23	2200X2200	200	400	12 T @ 160 c/c(B/W)
F3	C10+C11+C14+C15+LIFT	5825X5850	450	450	12T @ 125 c/c(B/W) IN TWO LAYERS
F4	ALL OTHERS	2600X2600	250	450	12T @ 110 c/c(B/W)

COLUMN SCHEDULE

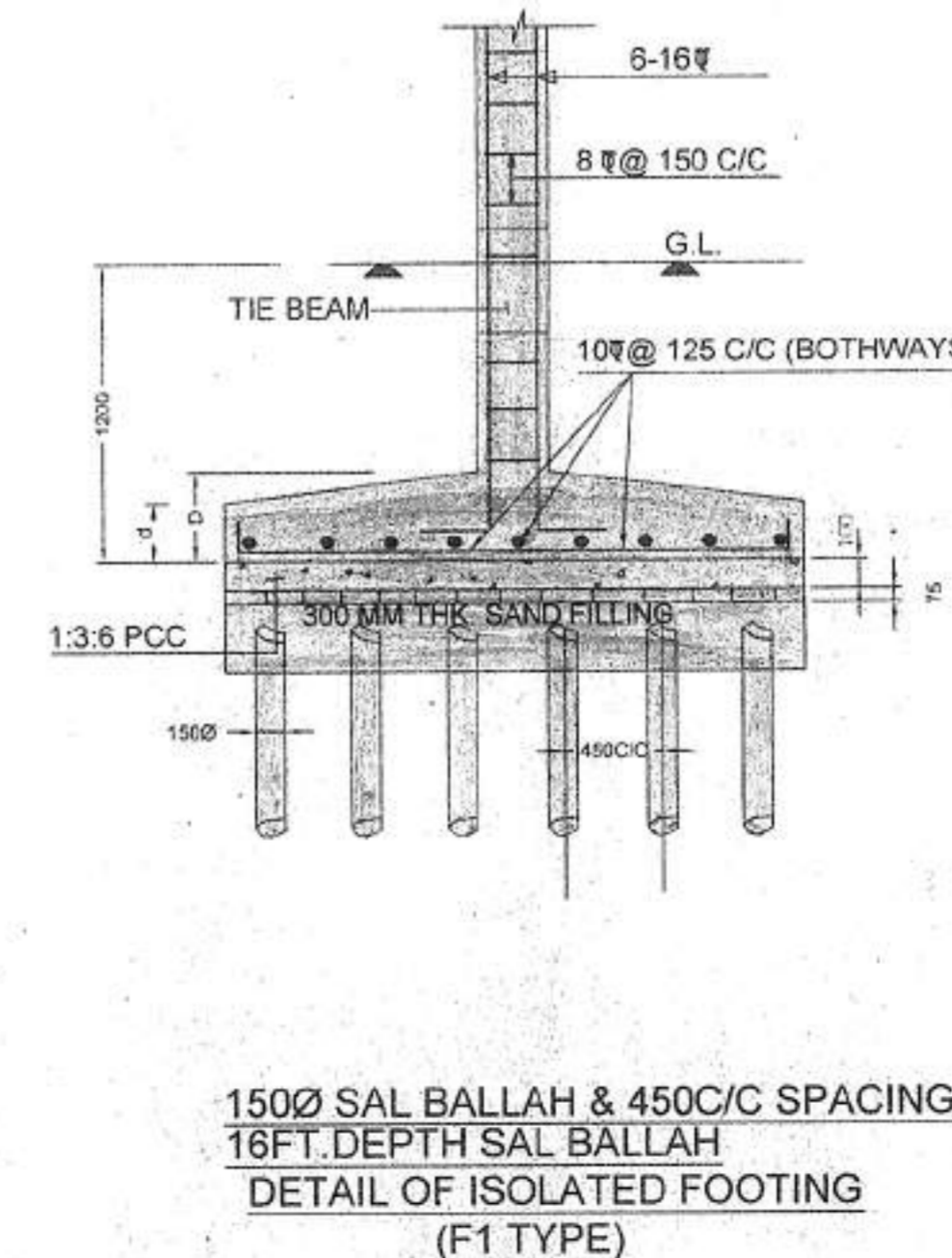
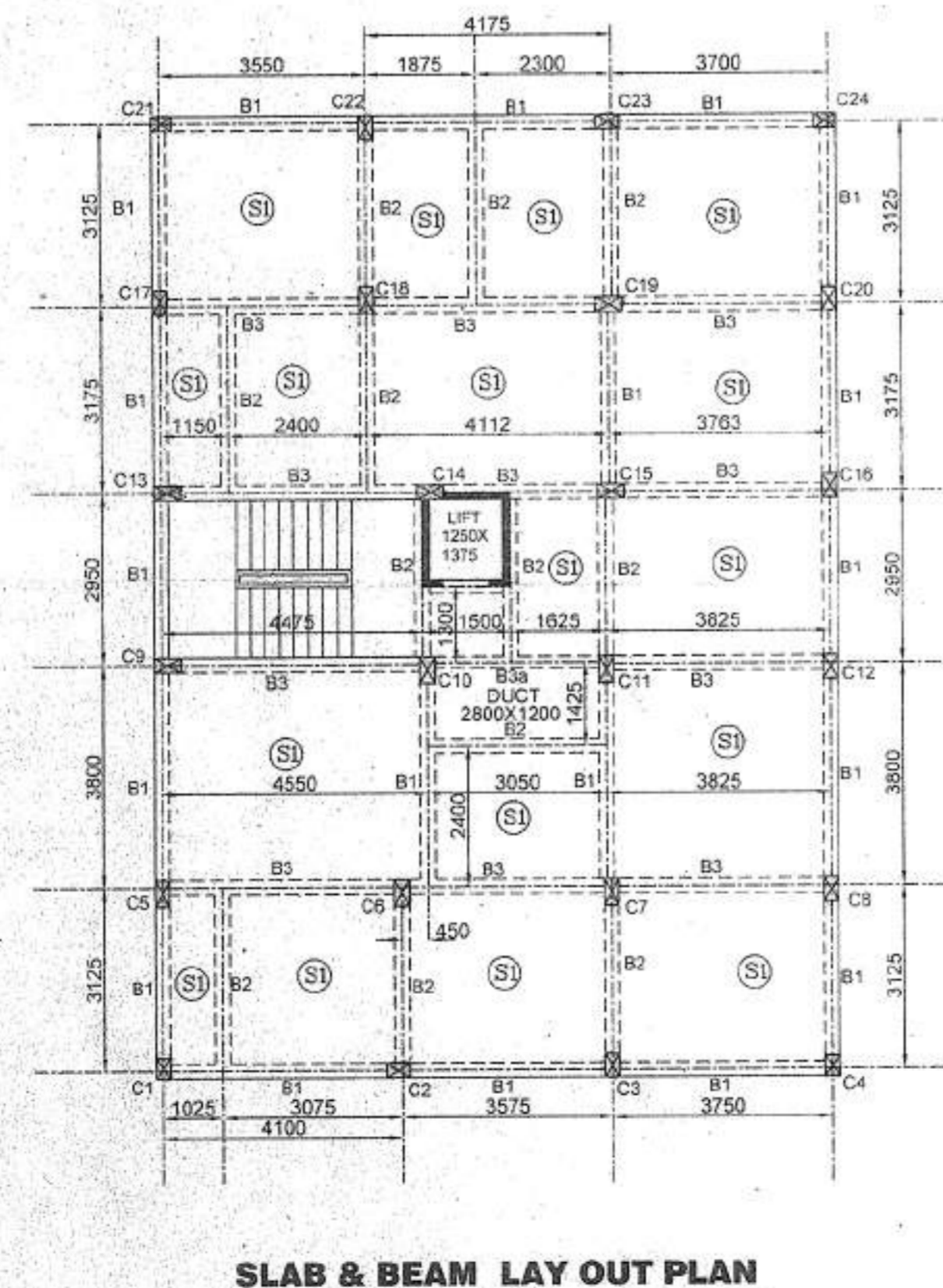
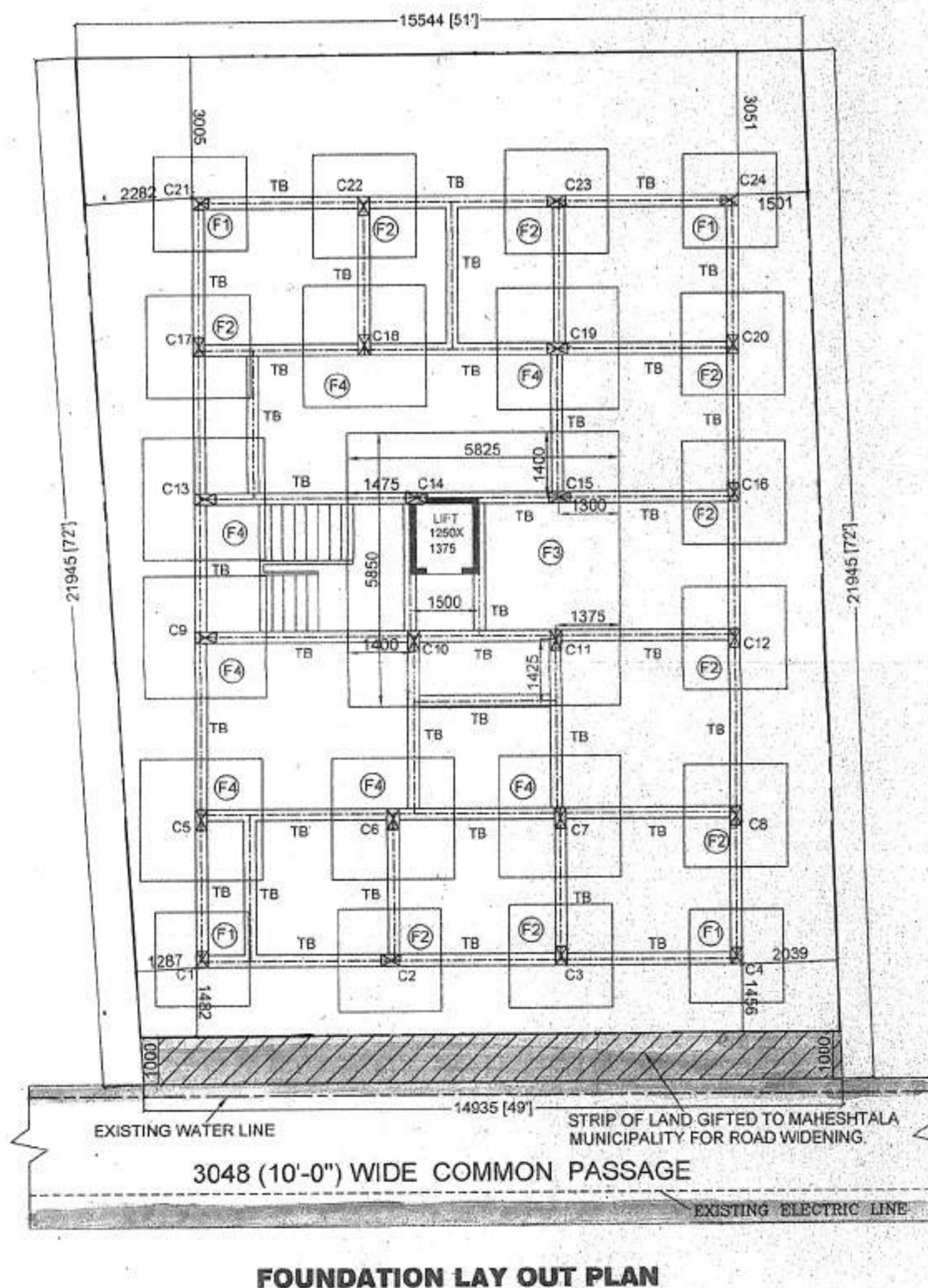
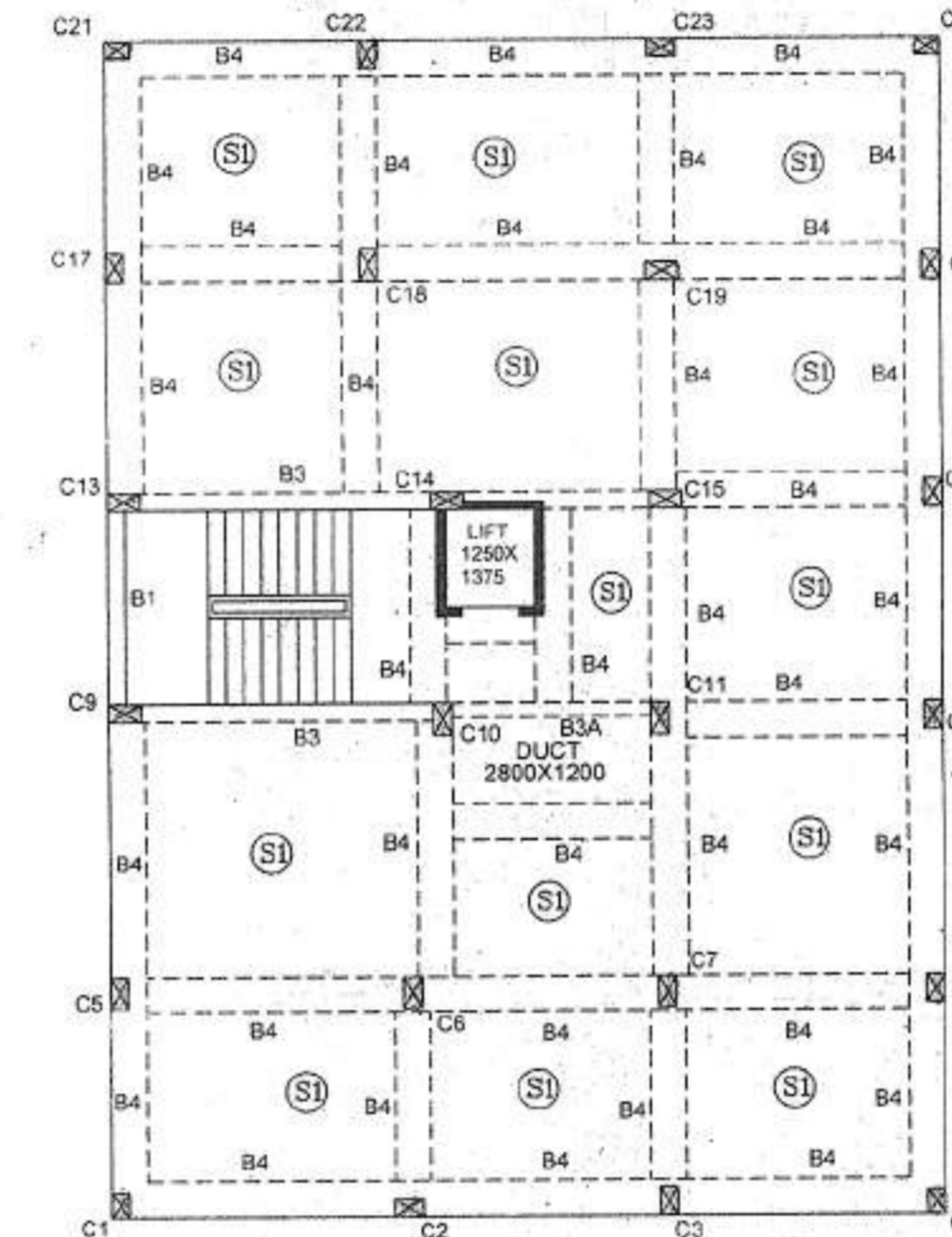
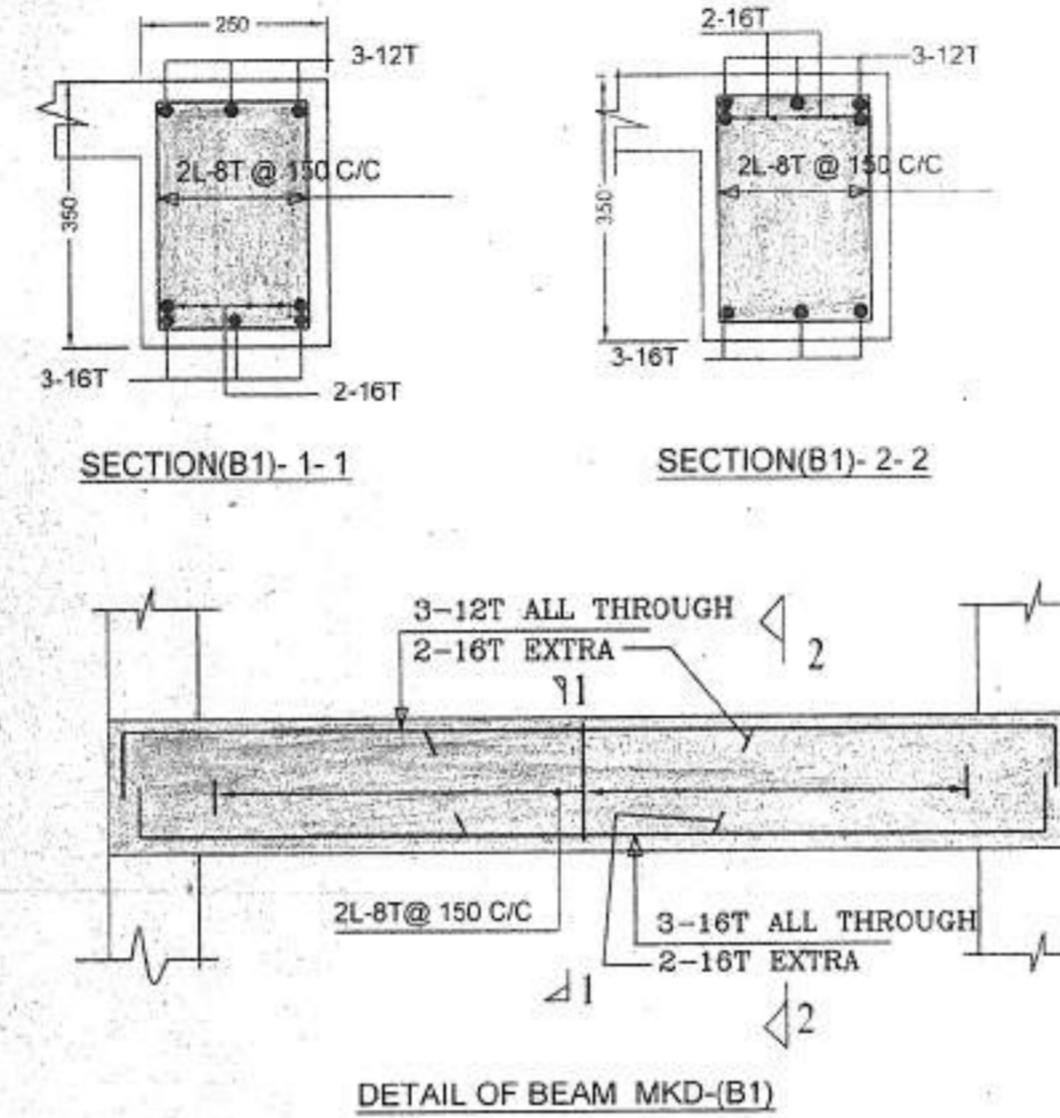
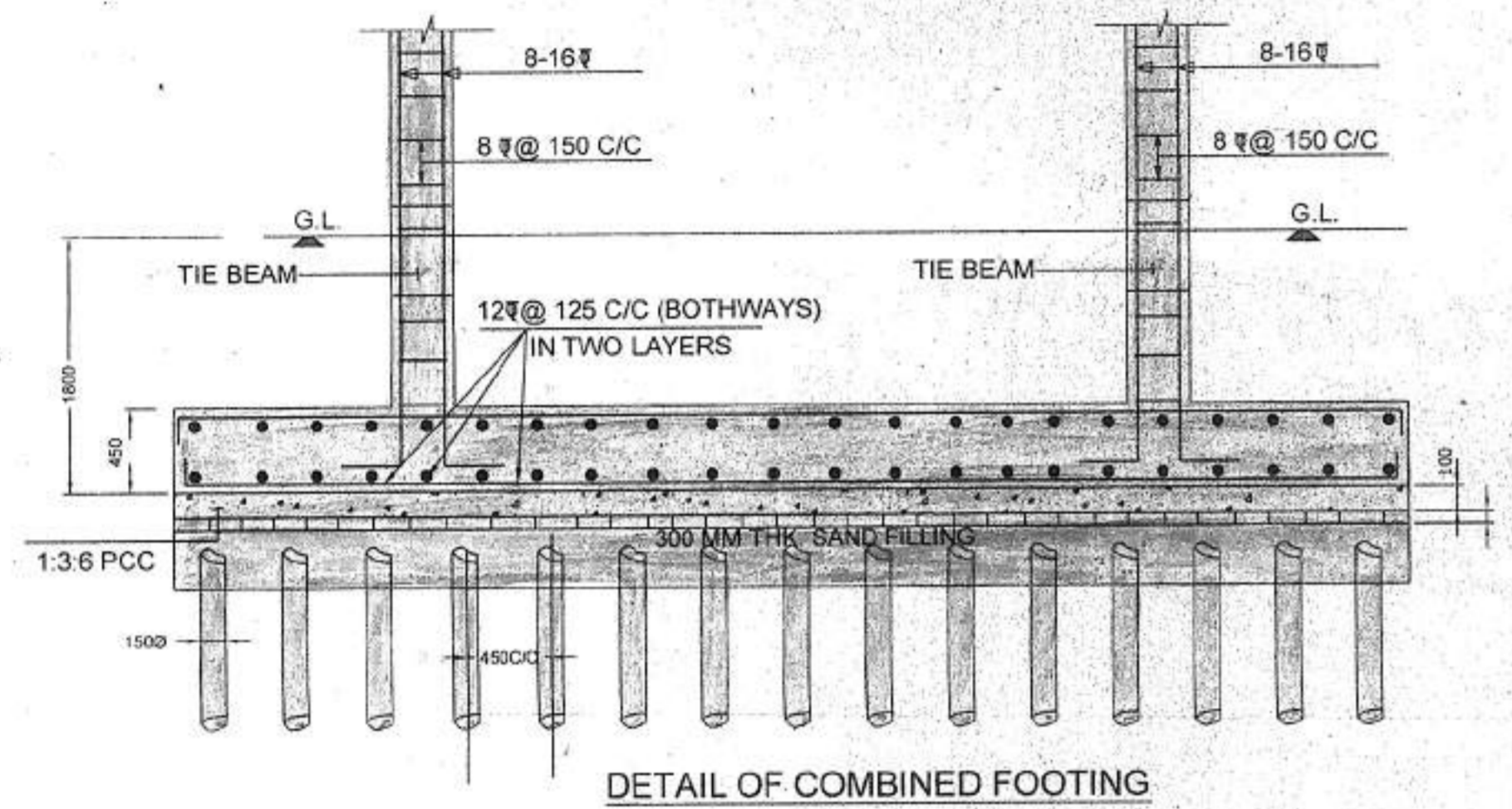
COLUMN MKD.	SECTION	REINFORCEMENT	TIE
C1,C4,C21,C24	250X350	6-16T	2L-8T@150 c/c
C2,C3,C8,C12,C16,C17,C20,C22,C23	250X400	6-16T	2L-8T@150 c/c
ALL OTHERS	250X450	8-16T	2L-8T@150 c/c

SLAB SCHEDULE

SLAB MKD.	THICKNESS	REINFORCEMENT		PROVIDE 8T 150 c/c AT EDGES AS EXTRA TOP
		MAIN REINF.	DISTRIBUTION	
S1	110 MM	8 T @ 125 c/c	8 T 125 c/c	

NOTES & SPECIFICATIONS

- ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE MENTIONED.
- GRADE OF CONCRETE M20 AND GRADE OF STEEL FE415.
- CENTER LINE GIVEN HERE ARE BEAM CL ONLY.
- IN CASE OF ANY DISCREPANCY IN DWG. REFER TO ARCHITECT.
- FOUNDATION - 1) BOTTOM COVER-50MM SHOULD BE MAINTAINED. 2) SIDE COVER-75MM.
- COLUMN - CLEAR COVER -40MM.
- BEAM - 1)TOP-25MM, 2)BOTTOM-25MM, 3)SIDE-15MM.
- SLAB - 1) BOTTOM-15MM 2) SIDE-15MM.
- EXTRA TOP REINFORCEMENT - 0.25XC/C DISTANCE OF DISCONT SUPT.
- EXTRA TOP REINFORCEMENT - 0.25XC/C DISTANCE OF CONT. SUPT.
- EXTRA BOTTOM REINFORCEMENT - 0.10XC/C DISTANCE OF DISCONT SUPT.
- EXTRA BOTTOM REINFORCEMENT - 0.15XC/C DISTANCE OF CONT. SUPT.
- SLAB - 1)TOP CURTAILMENT OF BAR: 0.10XC/C DISTANCE OF DISCONTINUOUS EDGE 2)TOP CURTAILMENT OF BAR: 0.15XC/C DISTANCE OF CONTINUOUS EDGE 3)BOTTOM CURTAILMENT OF BAR: 0.15XC/C DISTANCE OF DISCONTINUOUS EDGE 4)BOTTOM CURTAILMENT OF BAR: 0.25XC/C DISTANCE OF CONT. EDGE 5)EXTRA TOP CURTAILMENT OF BAR: 0.30XC/C DISTANCE OF CONT. EDGE
- BOND LAP LENGTH FOR REINFORCEMENT-30D.
- FOUNDATION DEPTH SHOULD BE MAINTAINED 120MM FROM ORIGINAL SOIL.



DECLARATION OF STRUCTURAL ENGINEER

THE STRUCTURAL DESIGN & DRAWING OF BOTH FOUNDATION & SUPER-STRUCTURE OF THE BUILDING HAS BEEN MADE BY ME CONSIDERING ALL POSSIBLE LOADS INCLUDING THE SEISMIC LOADS AS PER NATIONAL BUILDING CODE OF INDIA & CERTIFIED THAT IT IS SAFE & STABLE IN ALL RESPECT.

S. K. Chakravarty

S. K. CHAKRAVARTY
Chartered Engineer(I)
M-23034, Member
Institution of Engineer(I)

SIGN. OF STRUCTURAL ENGINEER

DECLARATION OF L.B.S.

CERTIFIED WITH FULL RESPONSIBILITY THAT THE BUILDING PLAN HAS BEEN DRAWN AS PER PROVISION OF BANGAL MUNICIPALITY RULES, AS AMENDED FROM TIME TO TIME AND THAT THE SITE CONDITION CONFORM WITH THE SITE PLAN AND THAT IT IS A BUILDABLE SITE AND NOT A TANK OR A TANK FILLED UP LAND. THE PLOT IS VACANT AND IS BOUNDED BY BOUNDARY WALL.

Subhajit Singha Roy
SUBHAJIT SINGHA ROY
L.B.S. REG. NO. MM-125
86, N.K. GHOSAL ROAD
KOLKATA-700042
SIGN. OF L.B.S.

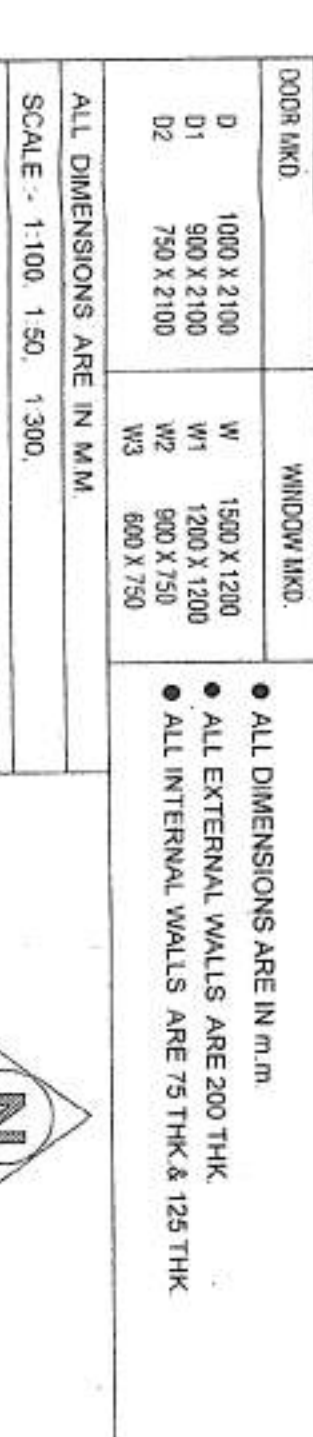
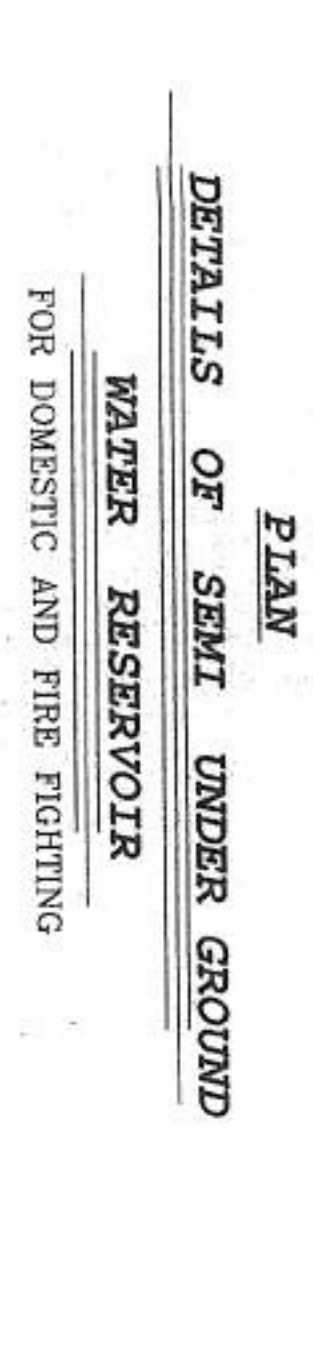
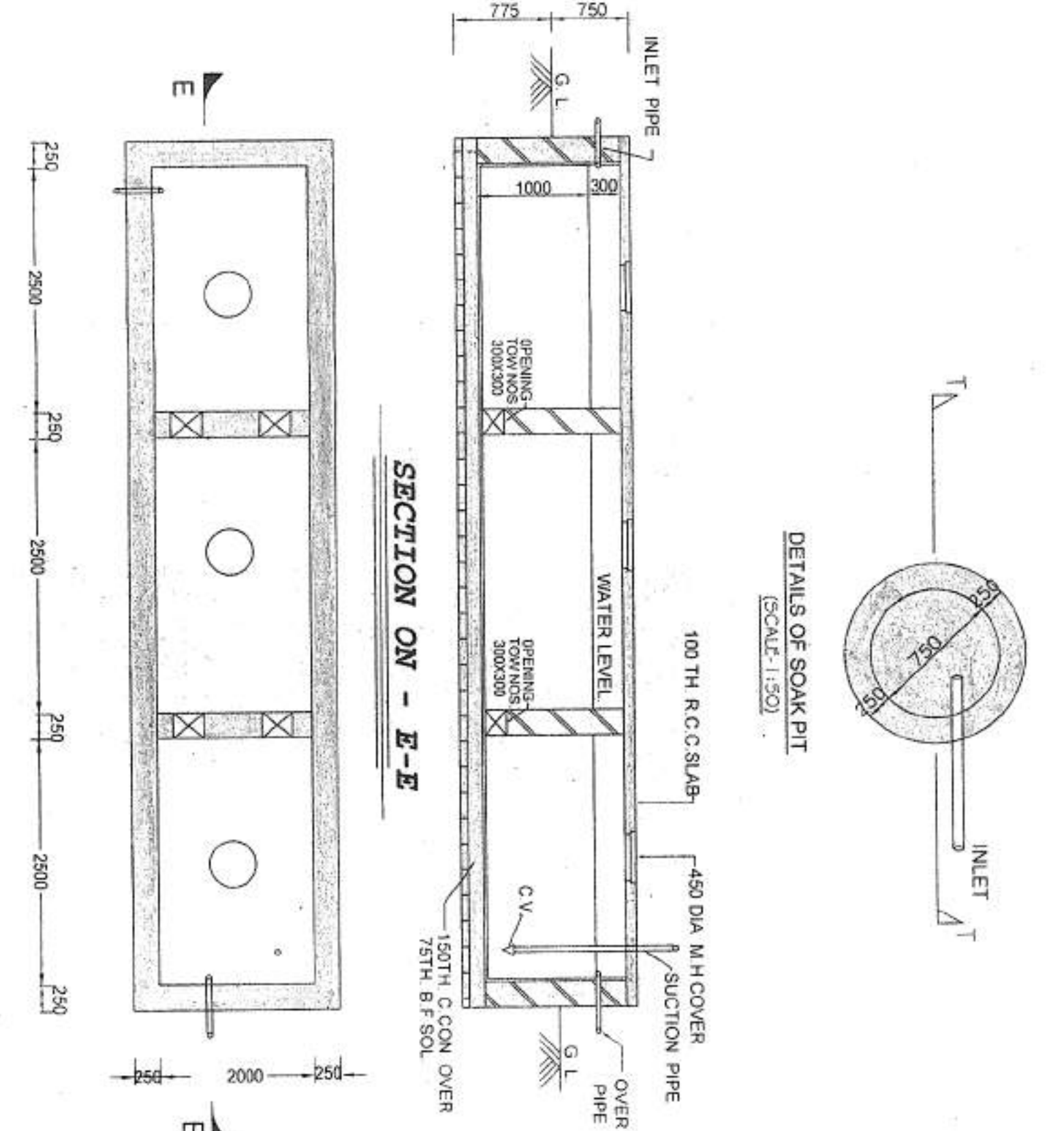
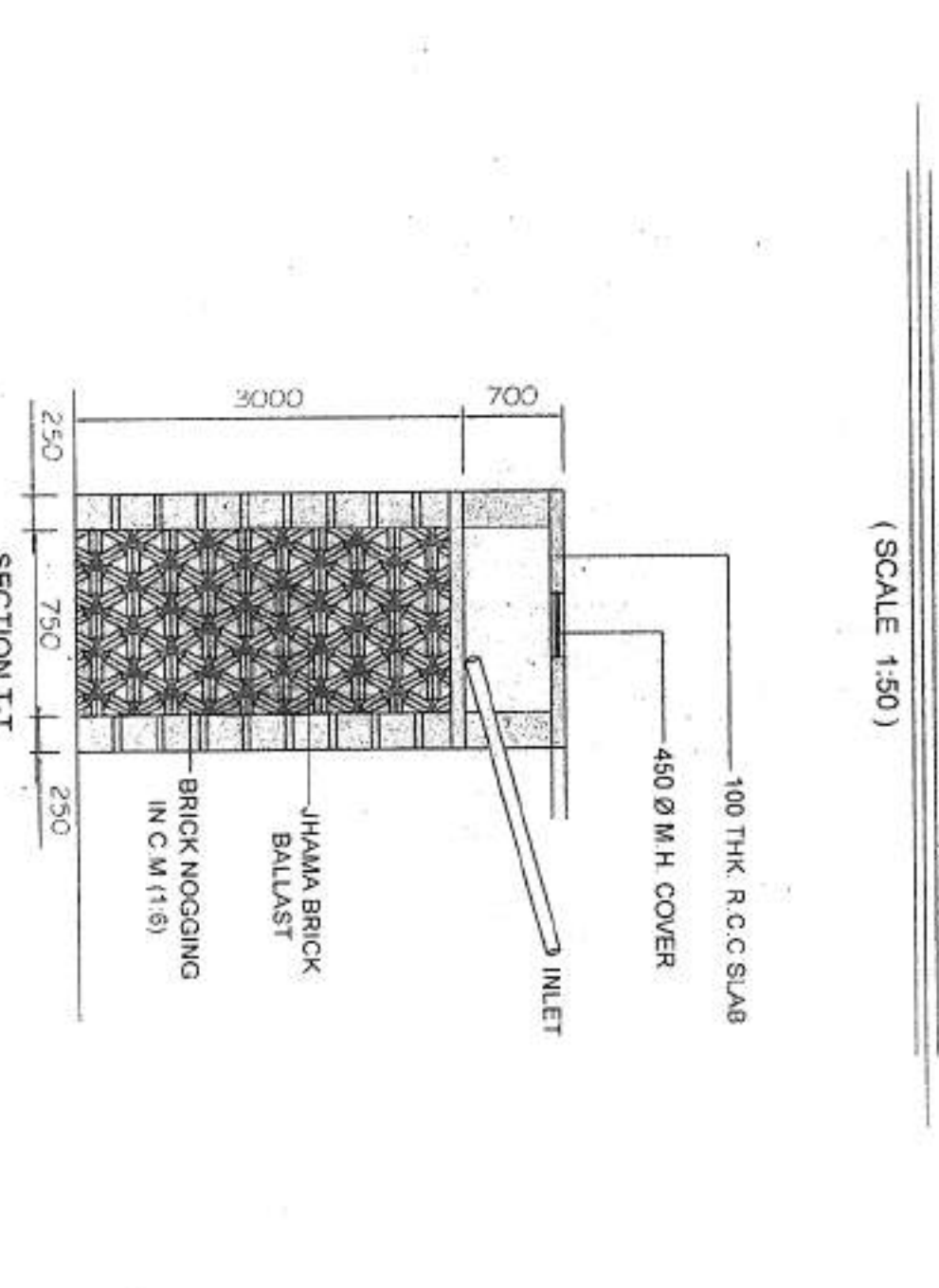
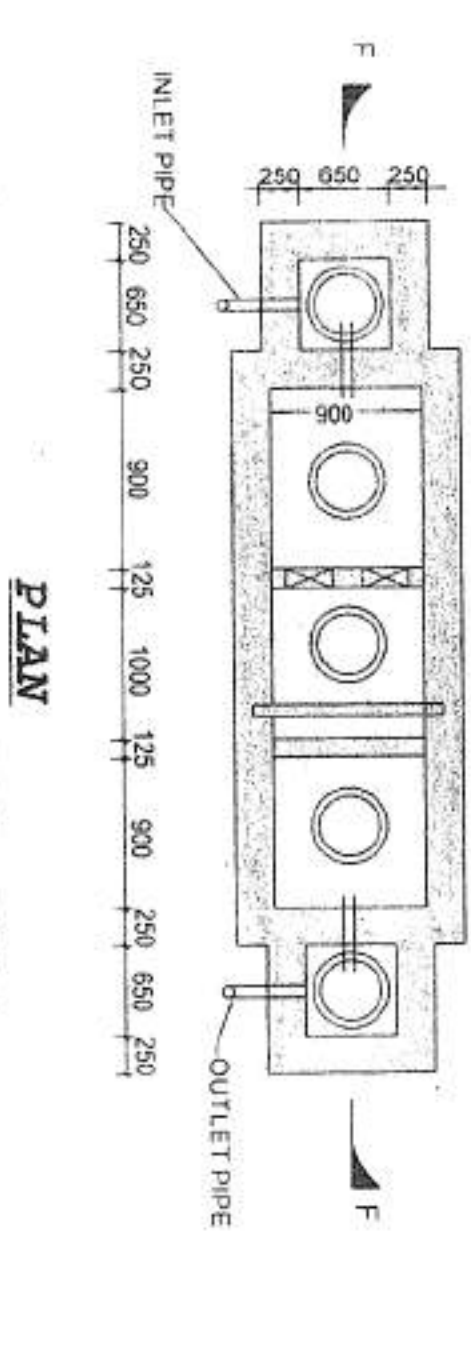
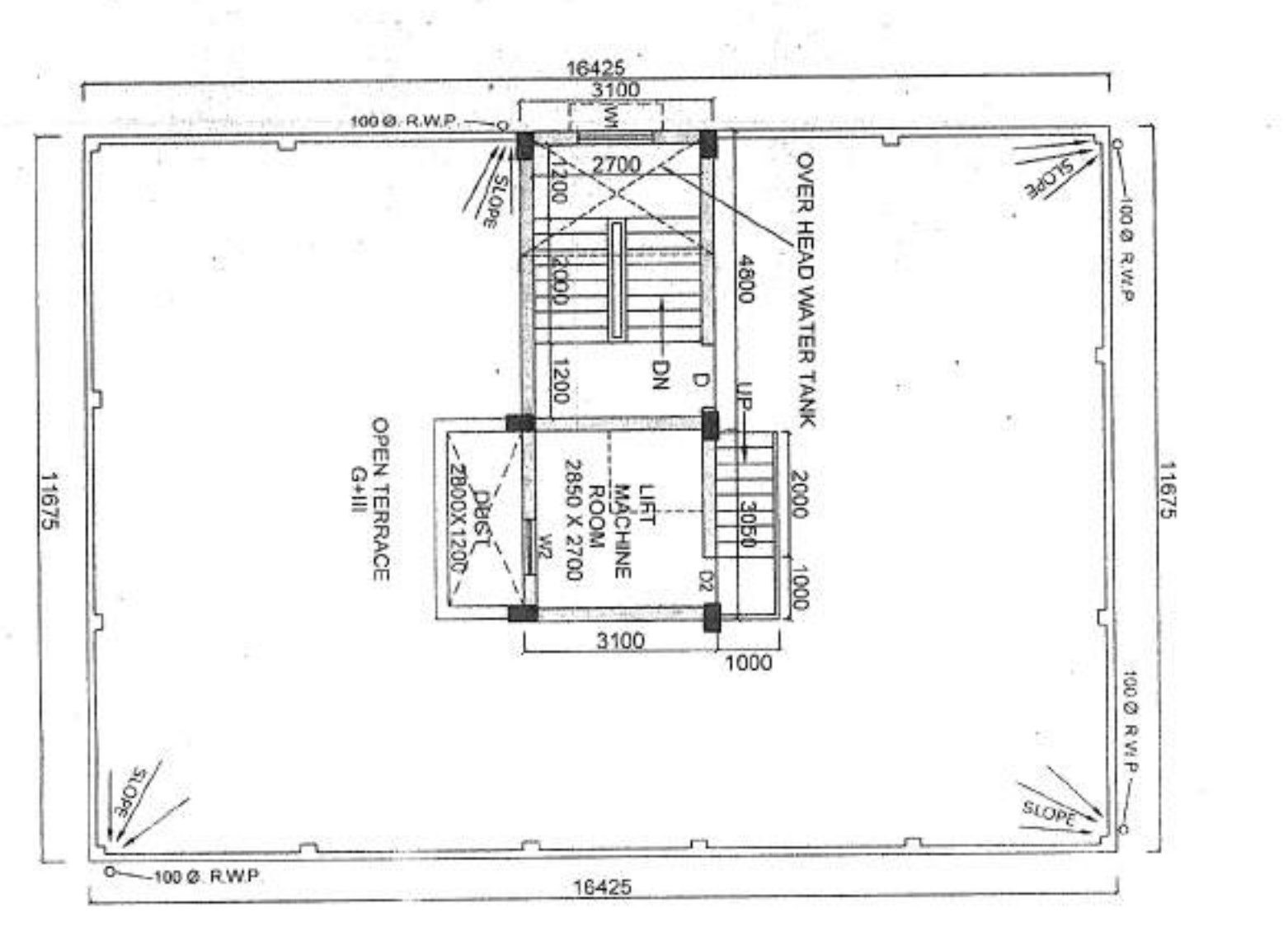
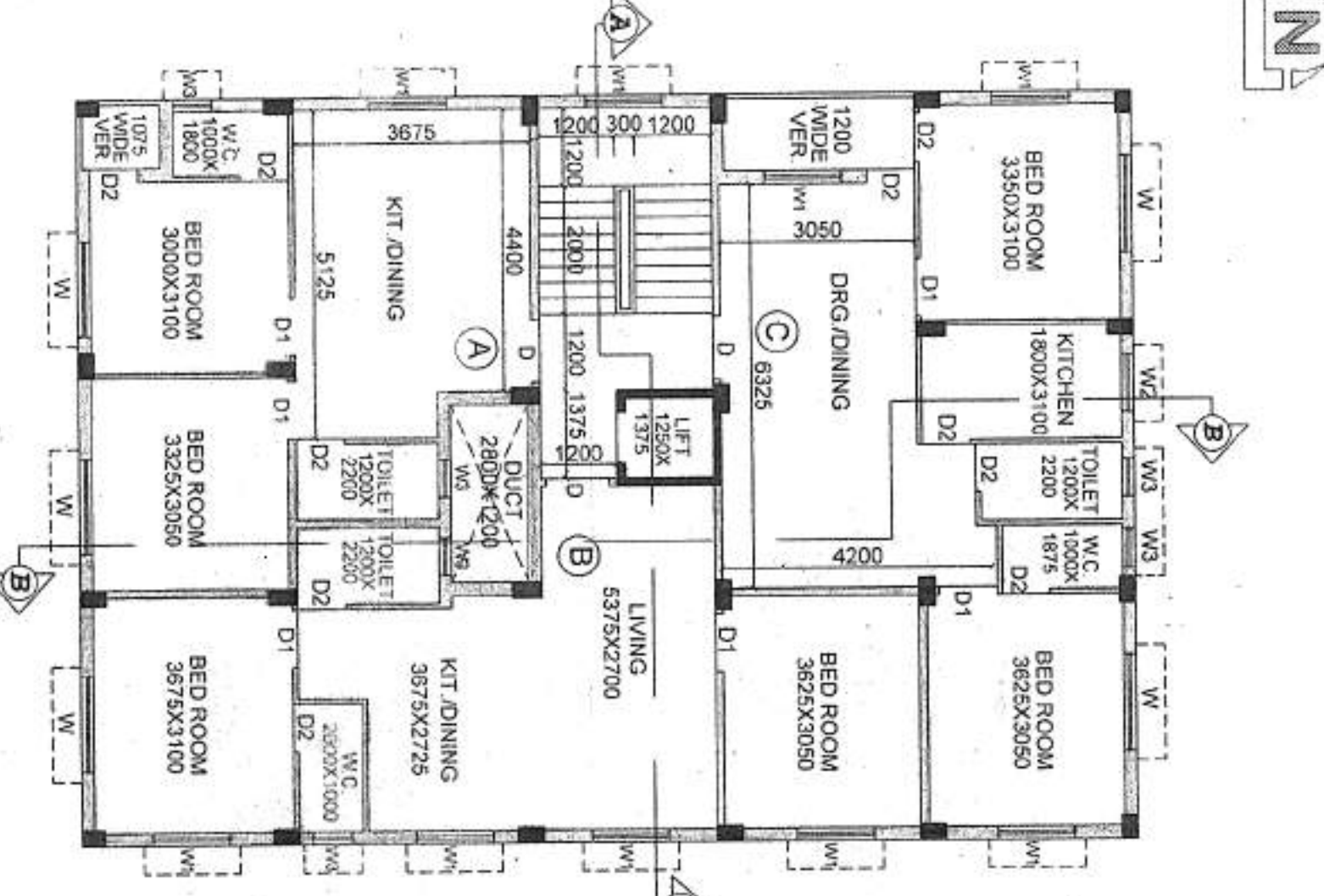
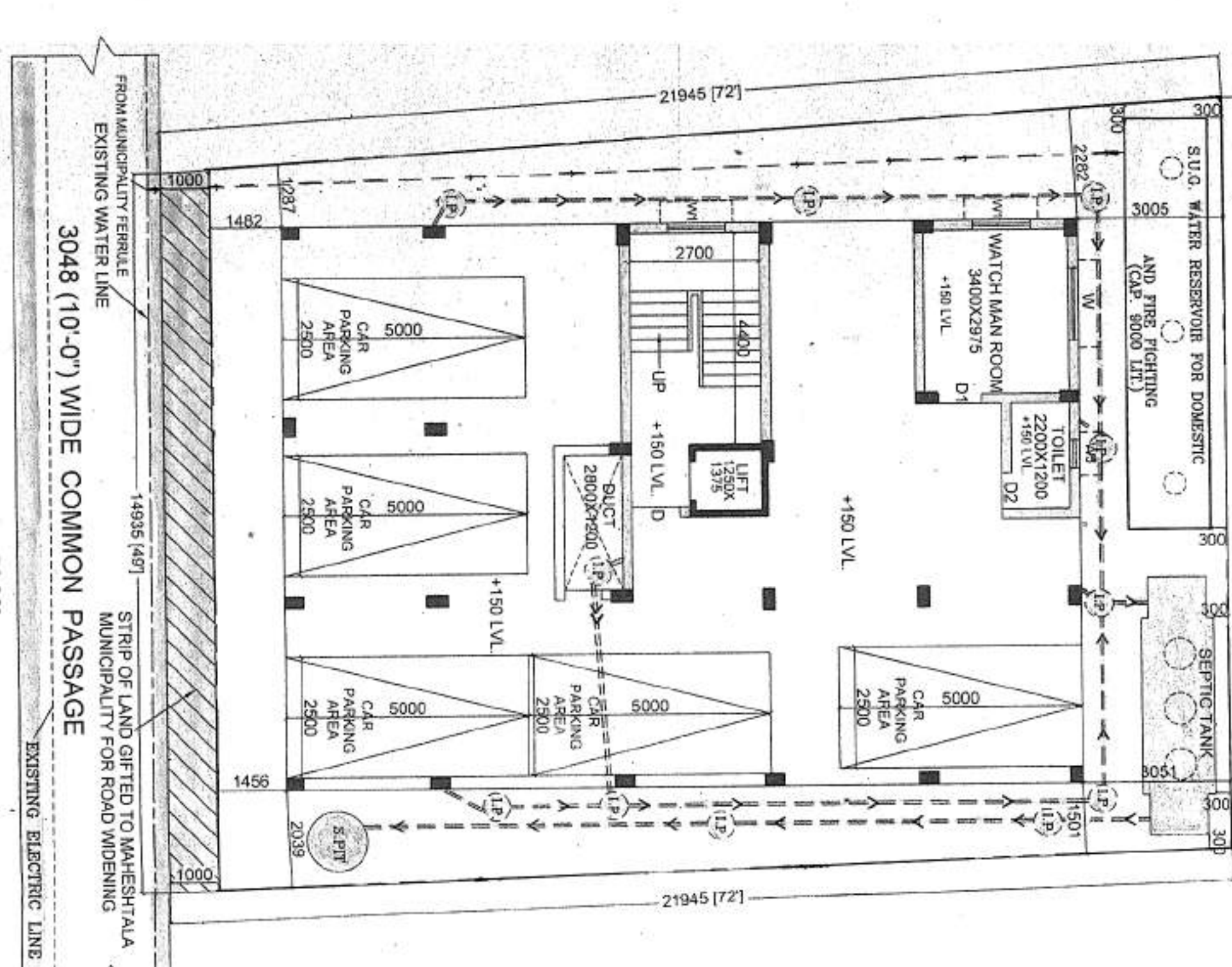
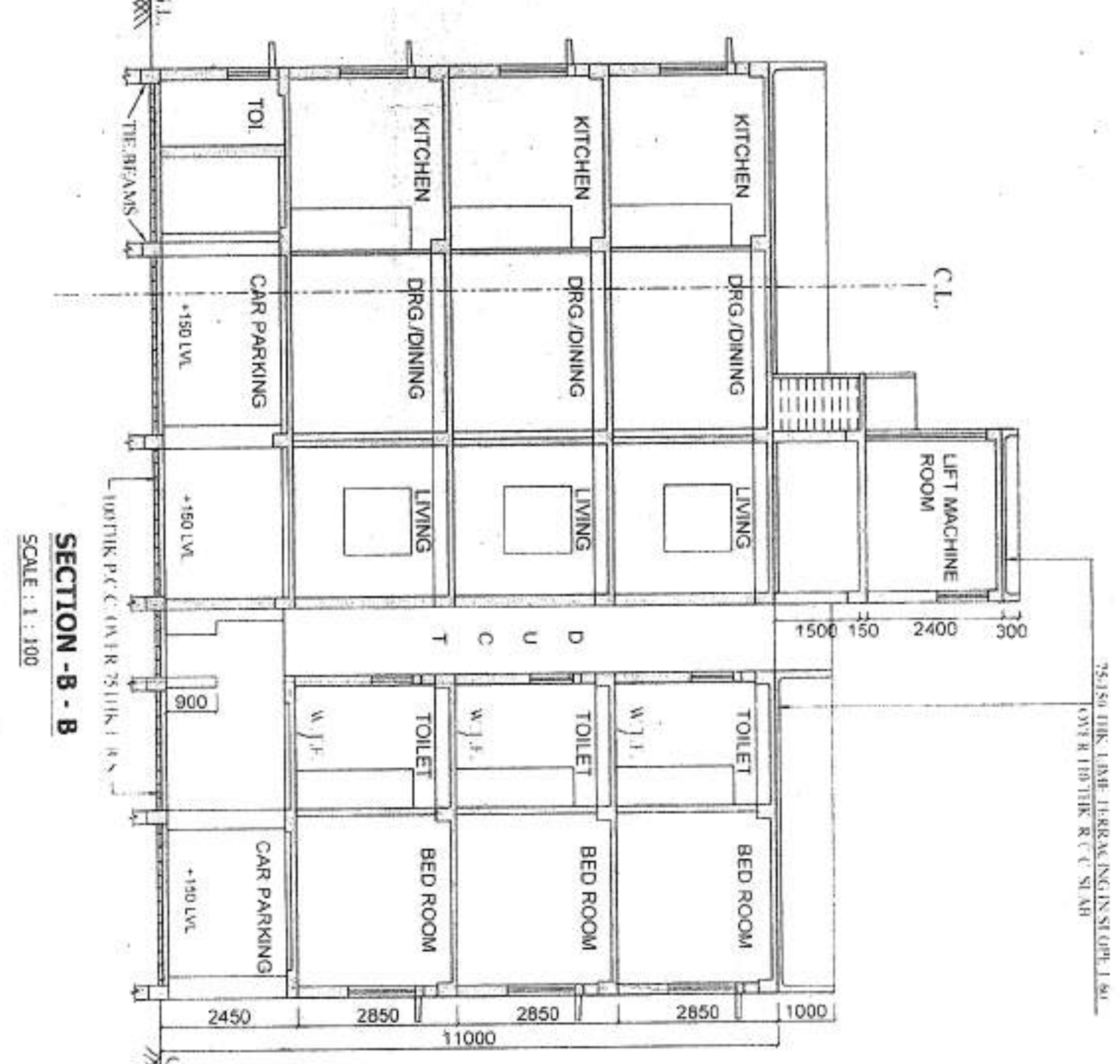
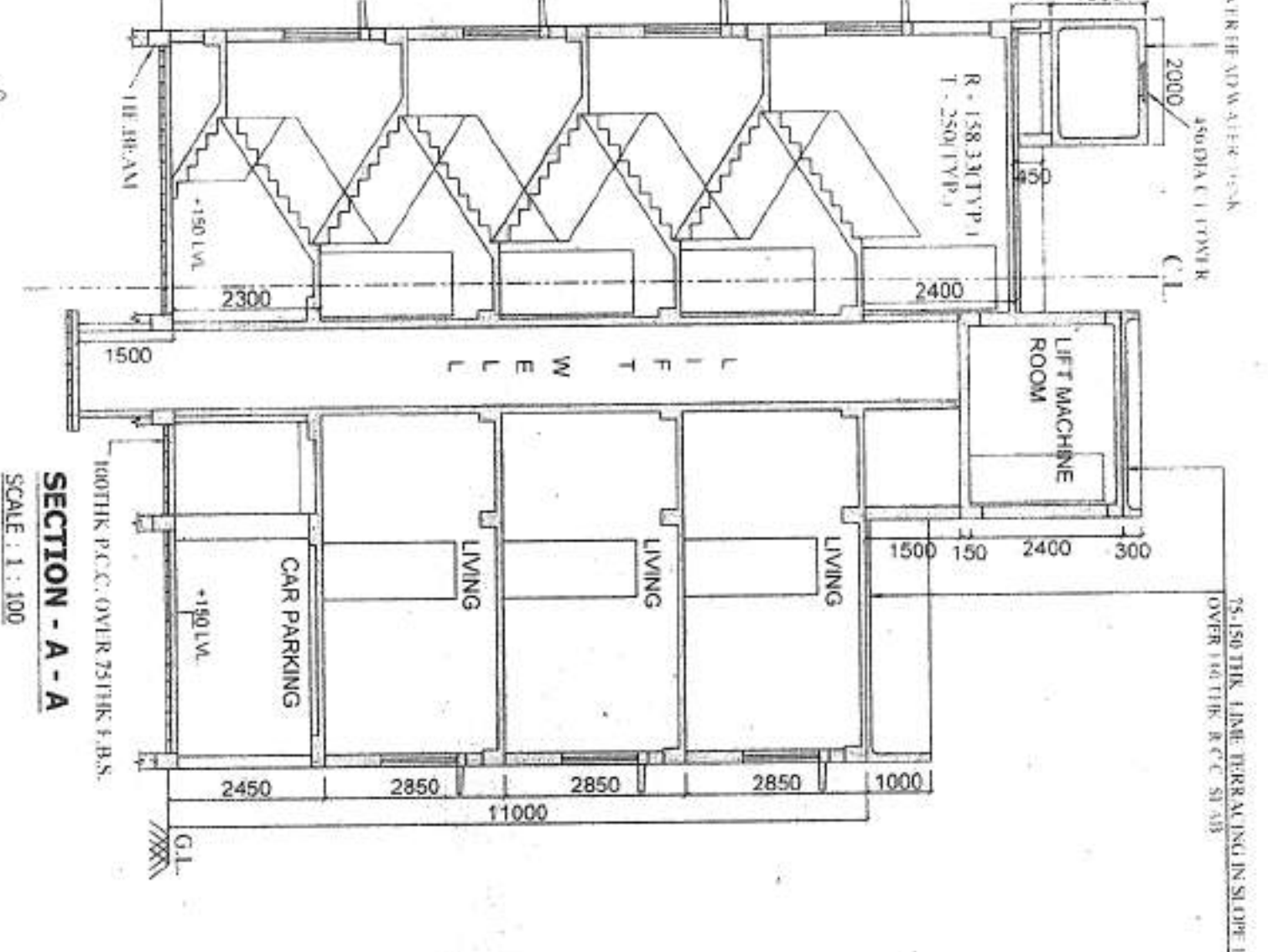
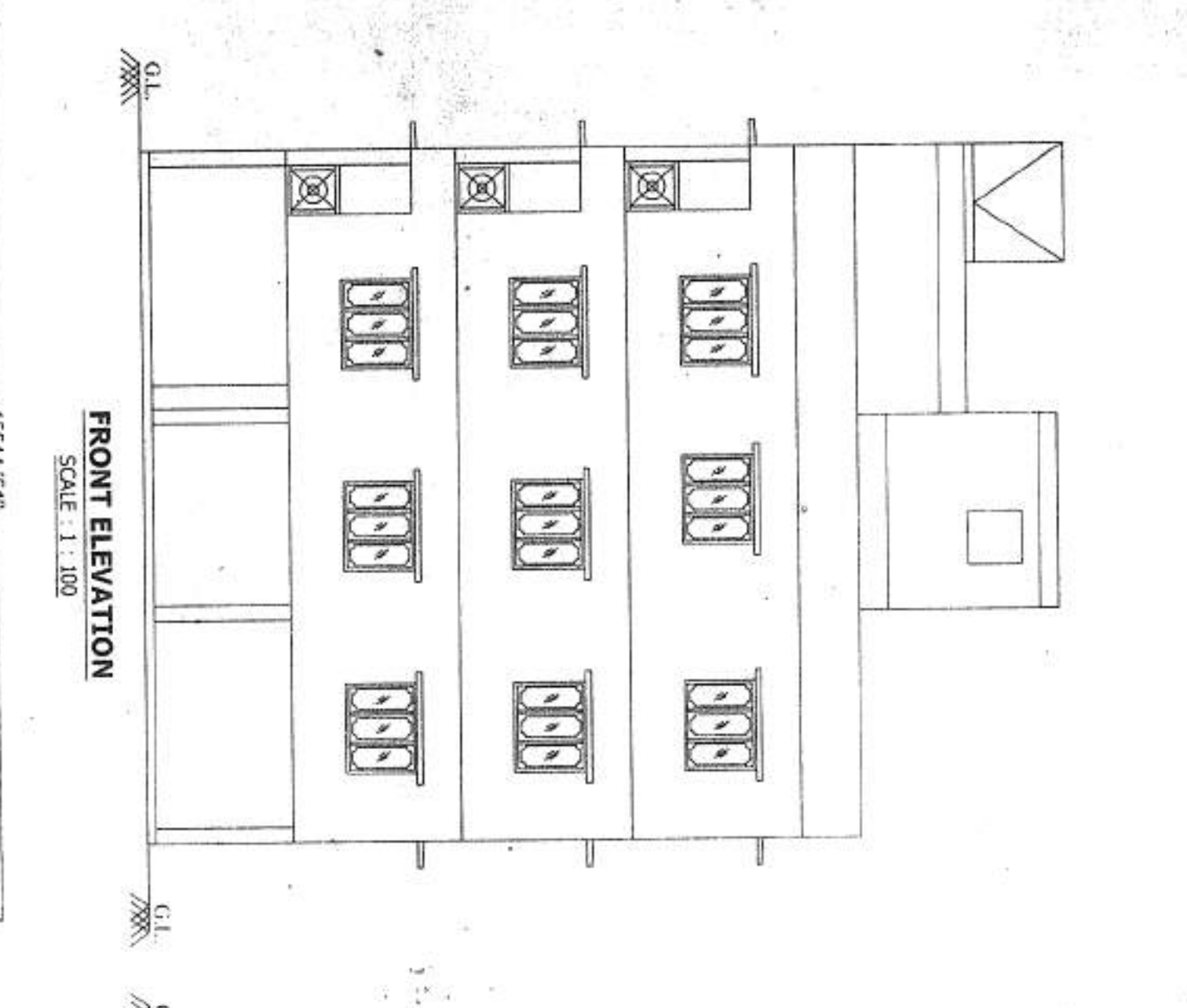
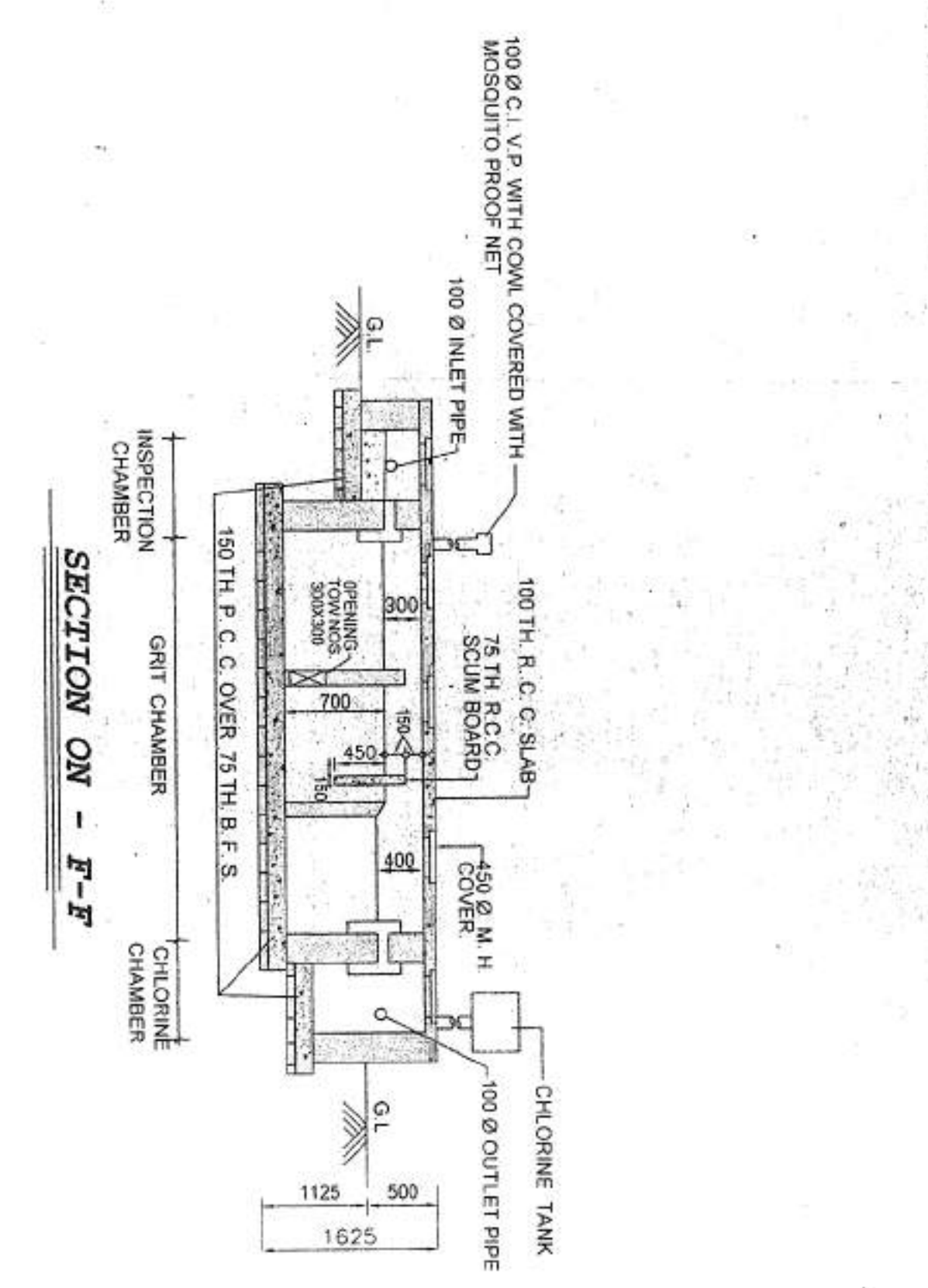
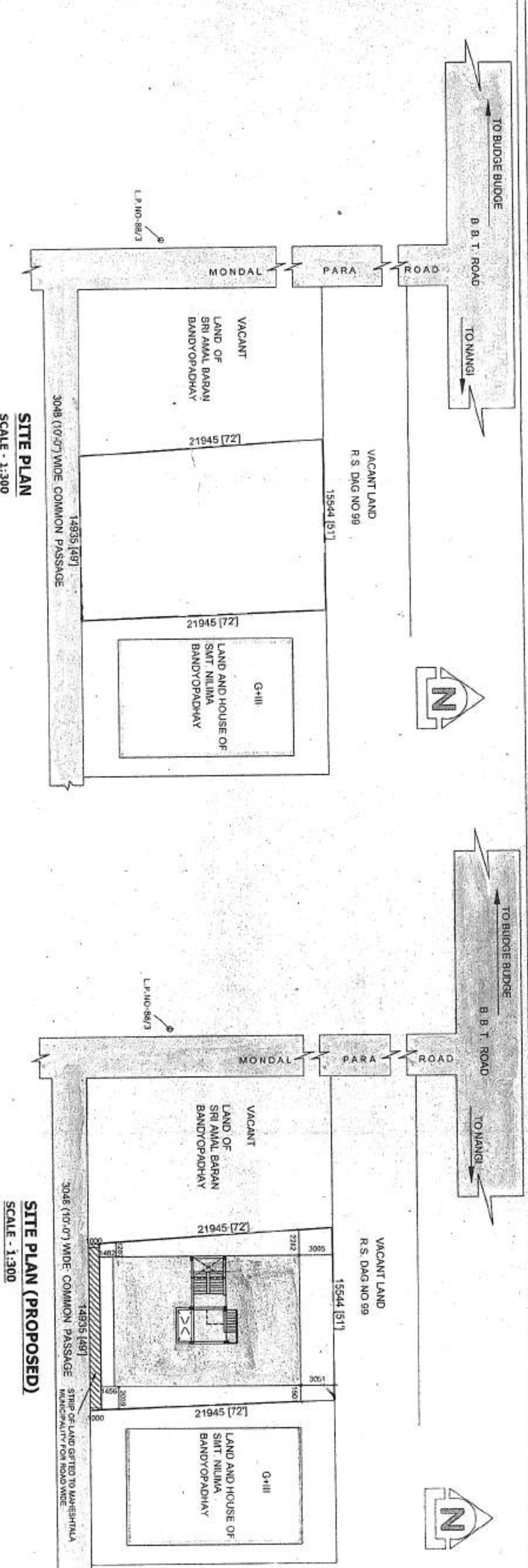
Anil Kumar Shaw

ANIL KUMAR SHAW
True and Lawful Attorney of
1. Rita Banerjee(Bandhopadhyay)
2. Santoshi Banerjee(Bandhopadhyay)
3. Abhi Banerjee(Bandhopadhyay)
Aisw- Abhijit Banerjee
4. Kanailal Das

SIGN. OF OWNER



STRUCTURAL PLAN OF PROPOSED G+III STORIED RESIDENTIAL BUILDING AT MOUZA - PUTKHALI, J.L. NO. - 50, TOUZI NO. - 1521, R.S. NO. - 43, R.S.DAG NO- 100, L.R.DAG NO. - 150, R.S. KHATIAN NO. -32, L.R. KHATIAN NO. - 1372,1375,1380,1353, P.S. - MAHESHTALA, WITHIN MAHESHTALA MUNICIPALITY, WARD NO. - 31, HOLDING NO. - D1-2/NEW,MONDAL PARA ROAD (PUTKHALI), KOLKATA. - 700140, DIST.-24 PGS.(SOUTH).



PLAN OF PROPOSED G+11 STORED RESIDENTIAL BUILDING AT MOJZA - PUTKHALI, I.I. NO. - 50, TOLUZI NO. - 1521, R.S. NO. - 43, R.S. DAG NO. - 100, L.R. DAG NO. - 150, R.S. KHATIAN NO. - 32/LR. KHATIAN NO. - 1372/1373, 1380, 1353, P.S. MAHESHITALA WITHIN MAHESHITALA MUNICIPALITY, WARD NO. - 31, HOLDING NO. - D1-21NEW MONDAL PARA ROAD (PUTKHALI), KOLKATA - 700140 DIST. - 24 PGS. (SOUTH).

OWNERS NAME - RITA BANDHOPADHYAY, SANTOSI BANDHOPADHYAY, ABHILIT BANDHOPADHYAY AND KANMAL DAS

HEIGHT OF THE BUILDING - 11.00 M.

A STATEMENT OF THE PLAN PROPOSAL

1. AREA OF LAND - 150' x 41' 9" = 34.09 SQ.M.
2. AREA OF GIFTED LAND - 150' x 9" = 14.71 SQ.M.
3. NET AREA OF LAND - 319.31 SQ.M.
4. PERMISSIBLE GROUND COVERAGE - 194.75 SQ.M. (61.28%)
5. PROPOSED GROUND COVERAGE - 188.402 SQ.M. (59.34%)
6. GROUND FLOOR AREA = 188.402 SQ.M.
7. 1ST FLOOR AREA = 188.402 SQ.M.
8. 2ND FLOOR AREA = 188.402 SQ.M.
9. 3RD FLOOR AREA = 188.402 SQ.M.
10. TOTAL FLOOR AREA - 753.608 SQ.M.
11. HEIGHT OF THE BUILDING - 11.00 M.

B COVER AREA OF FLAT INCLUDING PROPORTIONATE SHARE OF STAIRLIFT & LIFT LOBBY

1. AREA OF FLAT A - 53.96 SQ.M.
2. AREA OF FLAT B - 65.87 SQ.M.
3. AREA OF FLAT C - 69.03 SQ.M.

SPECIFICATION

- ALL DIMENSIONS ARE IN M.M. UNLESS OTHERWISE MENTIONED
- GRADE OF STEEL USED - F-415
- FIRST CLASS BRICK WALL BE USE
- PROPORTION OF 200 TH BRICK WALL - 1:1:8
- PROPORTION OF 125 TH BRICK WALL - 1:1:4
- GRADE OF CONCRETE - M-20
- C/C R COVER OF MAIN REIN -
- A. FLOOR SLAB & WAIST SLAB - 150 M.M.
- B. BEAM - 250 M.M. (TOP & BOT) SIDE - 150 M.M.
- C. COLUMN - 400 M.M.
- ALL OTHER WORKS AS PER N.B.S. 1984

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SIGNATURE OF STRUCTURAL ENGINEER
Chartered Engineer (I)
Institution of Engineers (I)

CERTIFIED WITH FULL RESPONSIBILITY THAT THE BUILDING PLAN HAS BEEN DRAWN AS PER PROVISION OF BENGAL MUNICIPALITY BUILDING RULES AS AMENDED FROM TIME TO TIME AND THAT THE SITE CONDITION CONFORMS WITH THE SITE PLAN AND THAT IT IS A BUILDABLE SITE AND NOT A TANK OR A TANK FILLED UP LAND. THE PLOT IS VACANT AND IS BOUNDED BY BOUNDARY WALL

SUBHAJIT SINGHA ROY
L.B.S. REG. NO. MM-175
68 N.K. GHOSH ROAD
KOLKATA-700024
SIGNATURE OF L.B.S.

ANIL KUMAR SHAW
TUE and Law/Architect
1. Rita Banerjee (Bandhupadhyay)
2. Santosi Banerjee (Bandhupadhyay)
3. Abhilut Banerjee (Bandhupadhyay)
4. Kanmal Das (Bandhupadhyay)
SIGNATURE OF OWNER

SCHEDULE OF DOORS & WINDOWS

DOOR/ WIND.	WINDOW/ WIND.
D 1	W 1
D 2	W 2
D 3	W 3
D 4	W 4
D 5	W 5
D 6	W 6
D 7	W 7
D 8	W 8
D 9	W 9
D 10	W 10
D 11	W 11
D 12	W 12
D 13	W 13
D 14	W 14
D 15	W 15
D 16	W 16
D 17	W 17
D 18	W 18
D 19	W 19
D 20	W 20
D 21	W 21
D 22	W 22
D 23	W 23
D 24	W 24
D 25	W 25
D 26	W 26
D 27	W 27
D 28	W 28
D 29	W 29
D 30	W 30
D 31	W 31
D 32	W 32
D 33	W 33
D 34	W 34
D 35	W 35
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D 37	W 37
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D 40	W 40
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D 42	W 42
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D 44	W 44
D 45	W 45
D 46	W 46
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D 49	W 49
D 50	W 50
D 51	W 51
D 52	W 52
D 53	W 53
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D 63	W 63
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D 67	W 67
D 68	W 68
D 69	W 69
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D 88	W 88
D 89	W 89
D 90	W 90
D 91	W 91
D 92	W 92
D 93	W 93
D 94	W 94
D 95	W 95
D 96	W 96
D 97	W 97
D 98	W 98
D 99	W 99
D 100	W 100

NOTES

- ALL DIMENSIONS ARE IN M.M.
- ALL EXTERNAL WALLS ARE 200 THK.
- ALL INTERNAL WALLS ARE 125 THK & 125 THK.

SCALE: 1:100, 1:50, 1:300
DATE: _____
DRAWING SHEET NO. - 01

APPARTMENT BUILDING

ORIGINAL COPY / IMPPLICATE OCCUPANT
DEVIATION WOULD MEAN
DEMOLITION
FINAL / PROVISIONALLY SANCTIONED
RESIDENTIAL BUILDING PLAN

Necessary Steps should be taken for the safety
of the lives of the adjoining public and private
properties during construction

Plan No. 193 / 2016 / 17 / 1981/18

Block: 27/2016 / 1981/18

Address: Plot No. 193, 1st Floor, 8th Cross

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Section 193 / 2016 / 17 / 1981/18
This plan is subject to the provisions of the
Building Act, 1972 and the Building Rules, 1973.
The work is subject to the provisions of the
Building Act, 1972 and the Building Rules, 1973.
BUILDING PLAN SANCTIONED DATE: 27/11/18
Valid until: 27/11/19
Renewal without: 27/11/19
Construction should be done strictly according to sanctioned plan.