

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 DISCONTI.SUPT.
- EXTRA TOP REINFORCEMENT:-
0.25XC/C DISTANCE OF CONTI. 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 DISCONTI.EDGE
4)BOTTOM CURTAILMENT OF BAR :-0.25XC/C DISTANCE OF CONTI.EDGE.
5) EXTRA TOP CURTAILMENT OF BAR:- 0.30XC/C DISTANCE OF CONTI. EDGE.
- BOND/LAP LENGTH FOR REINFORCEMENT-50D.
- FOUNDATION DEPTH SHOULD BE MAINTAINED 1200MM FROM ORIGINAL SOIL..

DECLARATION OF STRUCTURAL ENGINEER

CERTIFIED THAT THE STRUCTURAL DESIGN AND DRAWINGS OF BOTH FOUNDATION AND SUPERSTRUCTURE OF THE BUILDING HAS BEEN MADE BY ME CONSIDERING ALL POSSIBLE LOADS INCLUDING THE SEISMIC LOAD AS PER NATIONAL BUILDING CODE OF INDIA AND CERTIFIED THAT IT IS SAFE AND STABLE ALL RESPECT

S B Bhattacharyya

S B Bhattacharyya

BE (CIVIL)

ESE-116/1

S.B. BHATTACHARYA
E.S.E. - 1/116
SIG. OF STRUCTURAL ENGINEER

DECLARATION OF L.B.S.

IT IS CERTIFIED THAT THE BUILDING PLAN HAS BEEN DRAWN UP AS PER PROVISION OF BUILDING RULES AS AMMENDED FROM TIME TO TIME AND THAT THE SITE CONDITION INCLUDING THE WIDTH OF ABUTTING ROAD CONFORM WITH THE PLAN AND THAT IT IS A BUILDABLE SITE AND AS INFORMED BY THE OWNER NOT A TANK OR FILLED UP TANK.

Madhab Roy Chowdhury
MADHAB ROY CHOWDHURY
Class-I L.B.S. of K.M.C.
Licence No. - 1086
1/4-B, Bejoygarh, Kolkata-32

MADHAB ROY CHOWDHURY
L.B.S. - 1/1086
SIG. OF L.B.S.

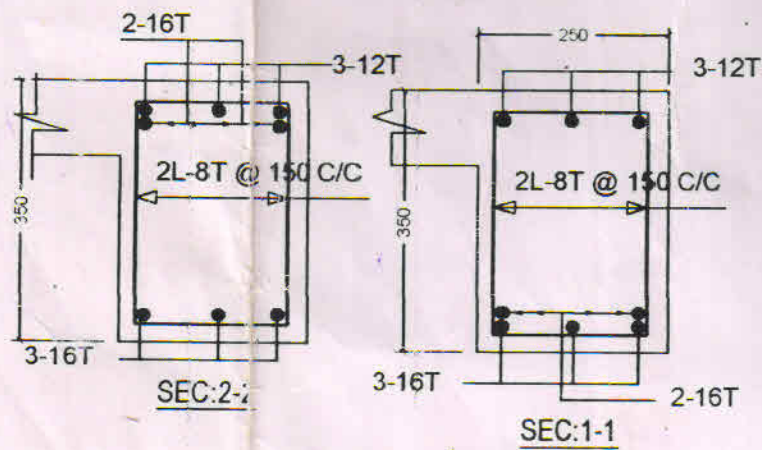
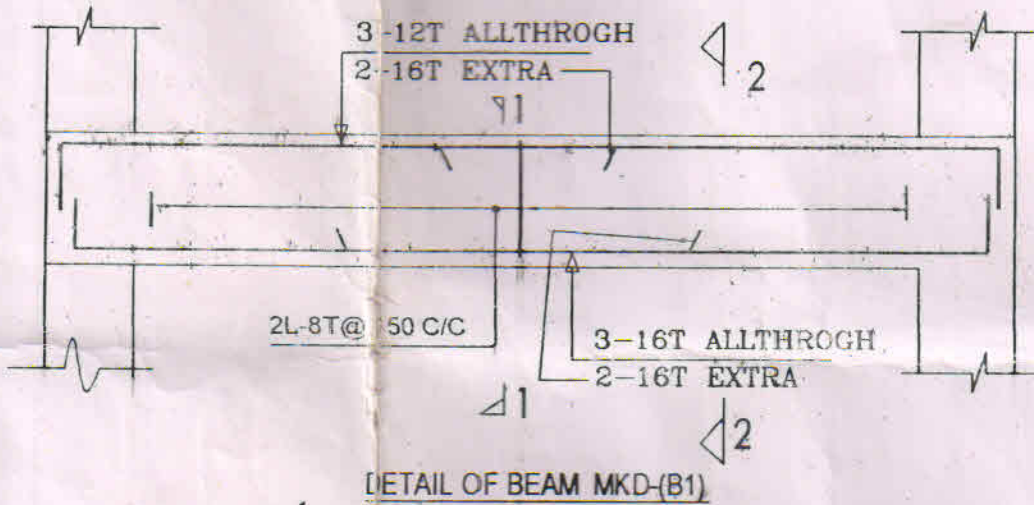
I DO HERE BY DECLARE WITH FULL RESPONSIBILITY THAT, I SHALL ENGAGE L.B.S & ESE DURING CONSTRUCTION. I SHALL FOLLOW THE INSTRUCTION OF L.B.S & E.S.E DURING CONSTRUCTION OF THE BUILDING (AS PER PLAN) K.M.C AUTHORITY WILL NOT BE RESPONSIBLE FOR STRUCTURAL STABILTY OF THE BUILDING & ADJONING STRUCTURE IF ANY SUBMITTED DOCUMENT ARE FAKE. THE K.M.C AUTHORITY WILL REVOKE THE SANCTION PLAN. THE CONSTRUCTION OF S.U.G.W.R & SEPTIC TANK TAKEN UNDER THE GUIDENCE OF L.B.S/ESE BEFORE STARTING OF BUILDING FOUNDATION.

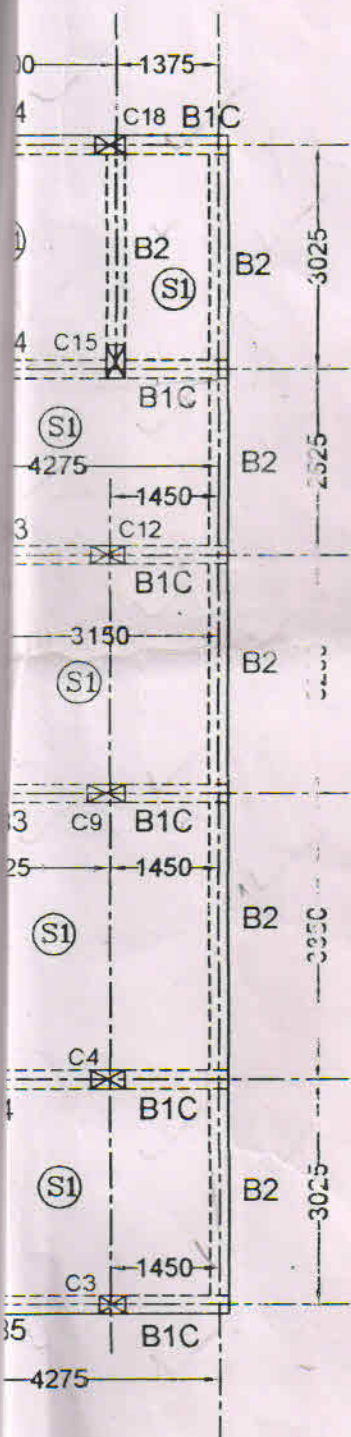
Tarit Bhattacharjee
TARIT BHATTACHARJEE
Prop. of RAMKRISHNA ENTERPRISE
C. A. of 1) Minati Ghosh
2) Ramapada Ghosh
3) Lakshman Ghosh
4) Rita Baidya

(SRI TARIT BHATTACHERJEE PROP. OF RAMKRISHNA ENTERPRISE
C.A OF SMT. MINATI GHOSH AND THREE OTHERS.)

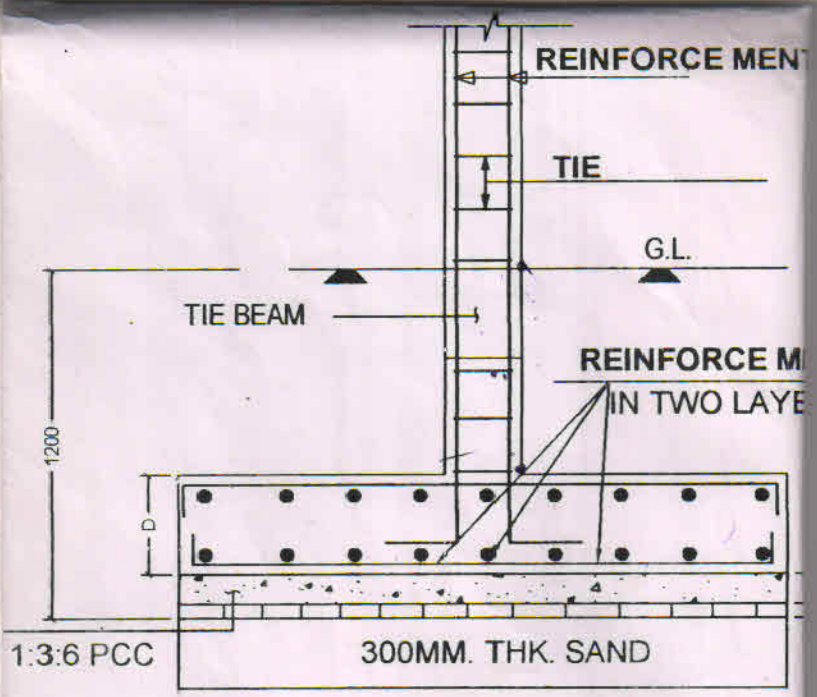
SIGNATURE OF OWNER

STRUCTURAL DRAWING OF PROPOSED (G+III)
STORIED RESIDENTIAL BUILDING OF
HT:12.250 MTR. U/S-393A OF K.M.C ACT 1980
ALONGWITH BUILDING RULE 2009 AT THE
PREMISES NO.- 98, GARIA GOVT. COLONY,
WARD-111, BOROUGH NO.- XI, UNDER K.M.C.
KOLKATA - 700 084.

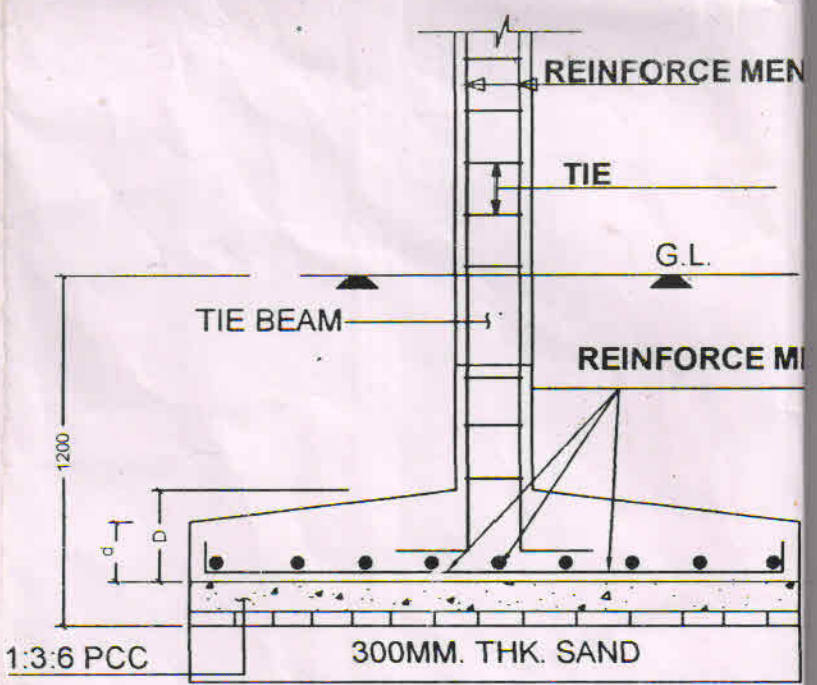




PLAN



DETAIL OF COMBINED FOOTING (T)



DETAIL OF ISOLATED FOOTING (T)

FOUNDATION SCHEDULE

FDN MKD.	F.D.N UNDER COLUMN	FOUND SIZE L1XL2 (mmxmm)	d (mm)	D (mm)	REINFORCEMENT
(F1)	C1,C4	2500X3375	250	500	16T @ 150 c/c(B/W)
(F2)	C7,C10	3175X2300	250	450	12T @ 100 c/c(B/W)
(F3)	C3,C16,C17	2500X2500	250	450	12T @ 125 c/c(B/W)
(F4)	C2,C6,C13,C18	2700X2700	250	450	12 T @ 100 c/c(B/W)
(F5)	C5	3200X3200	300	600	16T @ 110 c/c(B/W)
(F6)	C8+C9	4275X3075		450	12 T @ 150 c/c(B/W) IN TWO LAYERS
(F7)	C11+C12+C14+C15	5800X5425		450	12T @ 125 c/c(B/W) IN TWO LAYERS

COLUMN SCHEDULE

COLUMN MKD.	SECTION	REINFORCEMENT	TIE
C5,C9	250X500	10 - 16T	2L-8T@150 c/c
C1,C4,C12,C15	250X450	8 - 16T	2L-8T@150 c/c
C3,C16,C17	250X350	6 - 16T	2L-8T@150 c/c
ALL OTHERS	250X400	8 - 16T	2L-8T@150 c/c

IRRUP

T@150 c/c

@150 c/c

@150 c/c

@150 c/c

@150 c/c

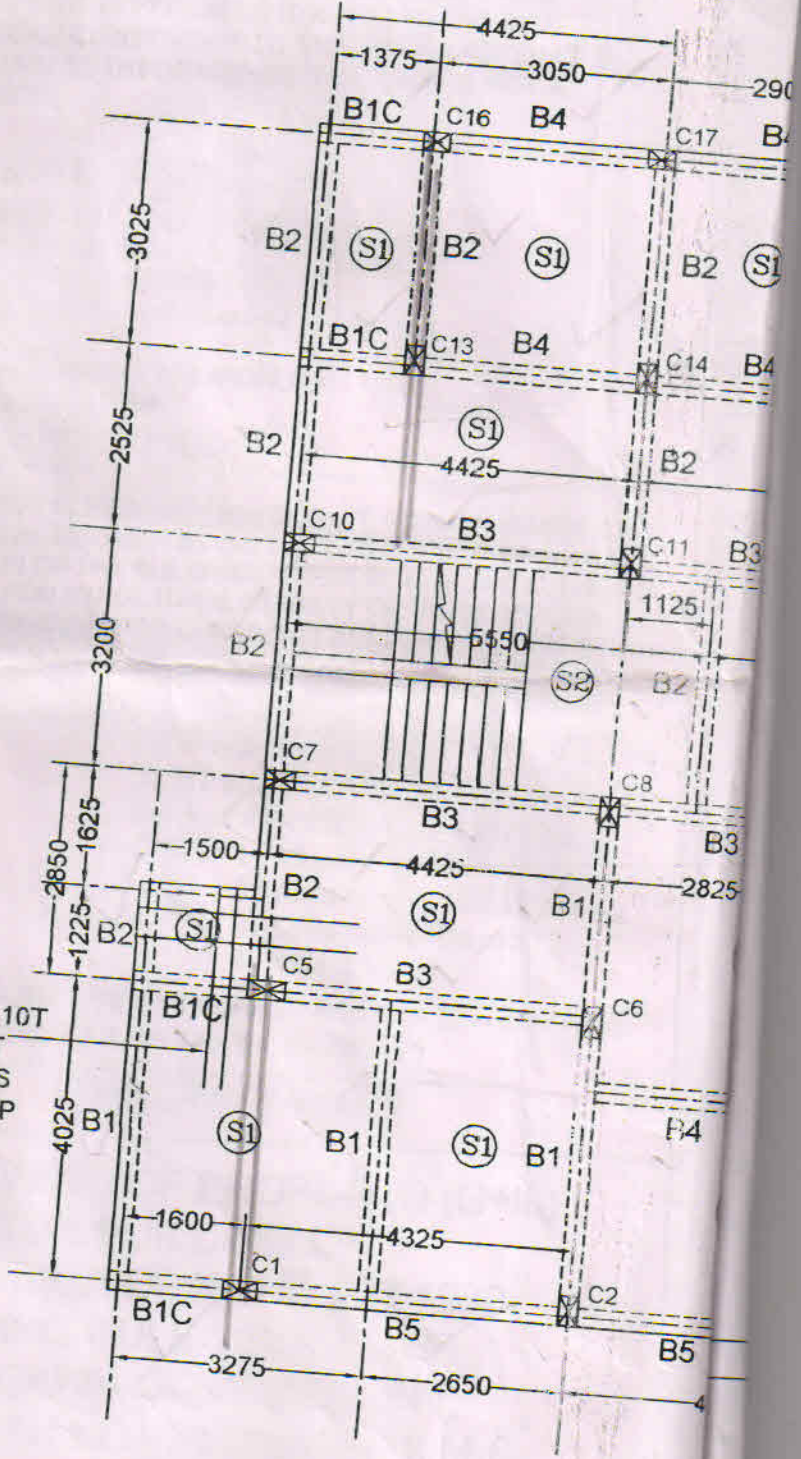
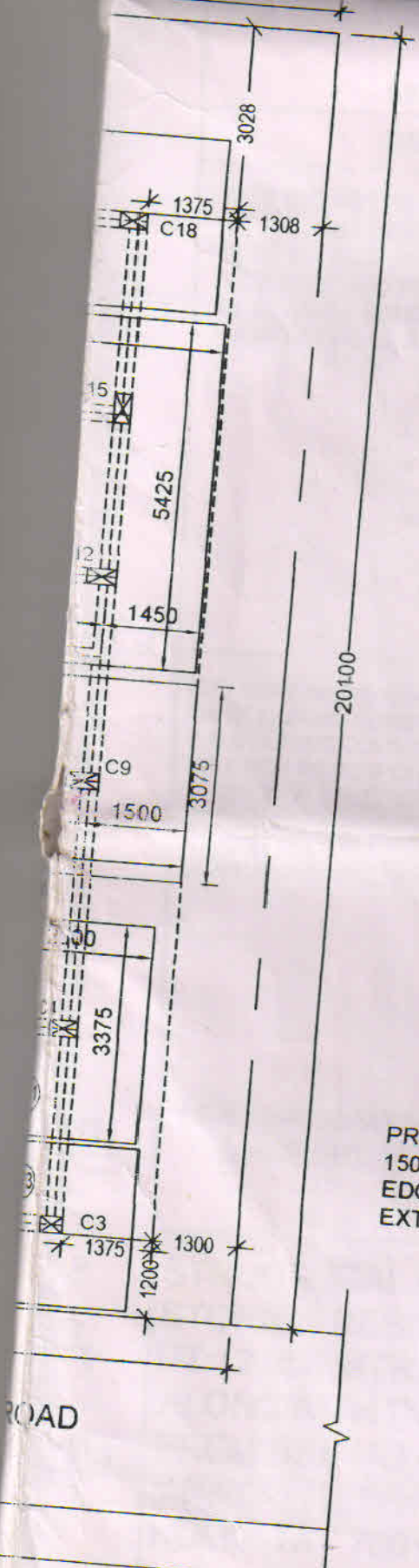
@150 c/c

@150 c/c

150 c/c AT
EXTRA TOP

150 c/c AT
EXTRA TOP

22-03-17



ROAD

SLAB & BEAM LAY OUT P

BEAM SCHEDULE

BEAM MKD.	SECTION	REINF.(SUPPORT)		REINF.(SPAN)		
		TOP	BOTTOM	TOP	BOTTOM	
B1	250X350	3- 12 $\bar{\cup}$ + 2- 16 $\bar{\cup}$	3-16 $\bar{\cup}$	3-12 $\bar{\cup}$	5-16 $\bar{\cup}$	2L-8
B2	250X300	2- 12 $\bar{\cup}$ + 2- 16 $\bar{\cup}$	2-16 $\bar{\cup}$	2-12 $\bar{\cup}$	4-16 $\bar{\cup}$	2L-8
B3	250X400	3- 16 $\bar{\cup}$ + 2- 16 $\bar{\cup}$	3-16 $\bar{\cup}$	3-16 $\bar{\cup}$	5-16 $\bar{\cup}$	2L-8
B4	250X300	2- 16 $\bar{\cup}$ + 2- 16 $\bar{\cup}$	2-16 $\bar{\cup}$	2-16 $\bar{\cup}$	4-16 $\bar{\cup}$	2L-8
B5	250X350	3- 16 $\bar{\cup}$ + 2- 16 $\bar{\cup}$	3-16 $\bar{\cup}$	3-16 $\bar{\cup}$	5-16 $\bar{\cup}$	2L-8
B1C	250X450 TO 250X350	5 - 16 $\bar{\cup}$	2-16 $\bar{\cup}$	5-16 $\bar{\cup}$	2-16 $\bar{\cup}$	2L-8
ALL TIE BEAMS	250X350	5 - 12 $\bar{\cup}$	3-12 $\bar{\cup}$	3-12 $\bar{\cup}$	5-12 $\bar{\cup}$	2L-8

SLAB SCHEDULE

SLAB MKD.	THICK-NESS	REINFORCEMENT		
		MAIN REINF.	DISTRIBUTION	
(S1)	110 MM	8 T @ 125 c/c	8 T 150 c/c	PROVIDE 8T EDGES AS
(S2)	125 MM	10 T @ 125 c/c	10 T 125 c/c	PROVIDE 10T EDGES AS



PARTY'S COPY

Structural plan and design calculation as submitted by the structural engineer have been kept with B.P. No. 2016/0132 Date 23.03.15 for record of the Kolkata Municipal Corporation without verification. No. deviation from the submitted structural plan should be made at any time of erection without submitting fresh structural plan along with design calculation and stability certificate in the prescribed form, necessary steps should be taken for the safety of adjoining premises, public and private properties and safety of human life during construction.

S. Ghosh

EXECUTIVE ENGINEER/ASST. ENGINEER,
BOROUGH NO. XI