BEAM SCHEDULE

BEAM MKD.	BEAM SIZE	REINFORCEMENT				STIRRUP
		AT SUPPORT		AT MID SPAN		
		TOP	BOTTOM	TOP	BOTTOM	
B1	250X450	4-16 ϕ	2-16 ϕ	2-16 ϕ	4-16 ϕ	8T@200 c/c
B2	250X350	3-16 ϕ	2-16 ϕ	2-16 ϕ	3-16 ϕ	8T@200 c/c
B3	250X300	3-12 ϕ	2-16 ϕ	2-12 ϕ	2-16 ϕ 1-12 ϕ	8T@200 c/c
Bc	250X450	4-16 ϕ	2-16 ϕ	–	–	8T@200 c/c
L TIE EAM	250X350	3-16 ϕ	3-16 ϕ	3-16 ϕ	3-16 ϕ	8T@200 c/c

SLAB SCHEDULE

SLAB MKD.	THICK-NESS	REINFORCEMENT	
		IN SHORT SPAN	IN LONG SPAN
S	100 MM	8 T @ 150 c/c	8 T @ 150 c/c

NAME OF OWNERS
1) SMT. BITTI SAHA,
2) SRI SHIBNATH BHATTACHARJEE,
3) SMT. SUMITRA BHATTACHARJEE,
4) MISS. ANUSHREE BHATTACHARJEE.

NAME OF C/A
SMT. SUMITA BISWAS
& SMT. BITTI SAHA (SELF & C/A)
BOTH ARE THE PARTNERS OF
M/S S.B. ENTERPRISE.

1. Smt. Sumita Biswas (C.A.)
2. Smt. Bitti Saha (Self and C.A.)
Both the persons of M/S S.B. Enterprise
An Lawful Constituted attorney of
1. Smt. Bitti Saha
2. Shibnath Bhattacharjee
3. Kundan Bhattacharjee
4. Miss Anushree Bhattacharjee

SIGNATURE OF OWNER

GEO-TECHNICAL DECLARATION

Undersigned has inspected the site and carried out soil investigation thereon. It is certified that the existing soil of the site is able to carry the load coming from the proposed construction and the foundation system proposed herein is safe & stable in all respect from geo-technical point of view.

Rupak Kumar Banerjee
RUPAK KUMAR BANERJEE
B.E.C., M.E., M.I.E.
F.I.E. CHARTERED ENGINEER
REGD. NO. & DATE OF REGD.
ELECTRICAL LICENCE HOLDER
CLASS OF LICENCE & VALIDITY

RUPAK KUMAR BANERJEE,
B.E.C., M.T., M.I.E., M.I.E.
Chartered Engineer
Empanelment No. C-T-1173
SIGNATURE OF C.T.E.

NOTES & SPECIFICATIONS

- ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE MENTIONED.
- GRADE OF CONCRETE M20 AND GRADE OF STEEL Fe
- CENTER LINE GIVEN HERE ARE BEAM CL ONLY.
- IN CASE OF ANY DISCREPANCY IN DWG. REFER TO ARCHITECT.
- FOUNDATION :- i) BOTTOM COVER-50MM SHOULD MAINTAINED.
  ii) SIDE COVER-75MM.
- COLUMN :- CLEAR COVER -40MM.
- BEAM :- i) TOP-25MM, ii)BOTTOM-25MM,iii)SIDE-15MM
- SLAB :- i) BOTTOM-15MM ii) SIDE-15MM.

- EXTRA TOP REINFORCEMENT :- 0.25X/C DISTANCE OF DISCONTI.SUPT.
- EXTRA TOP REINFORCEMENT :- 0.25X/C DISTANCE OF CONTI. SUPT.
- EXTRA BOTTOM REINFORCEMENT :- 0.33X/C DISTANCE OF DISCONT.SUPT.
- EXTRA BOTTOM REINFORCEMENT :- 0.33X/C DISTANCE OF CONT. SUPT.

- SLAB:
  i) TOP CURTAILMENT OF BAR:- 0.10X/C/C DISTANCE O DISCONTINUOUS EDGE
  ii) TOP CURTAILMENT OF BAR:- 0.15X/C/C DISTANCE O CONTINUOUS EDGE
  iii) BOTTOM CURTAILMENT OF BAR :- 0.15X/C/C DISTANC DISCONTI.EDGE
  iv) BOTTOM CURTAILMENT OF BAR :- 0.25X/C/C DISTAN CONTI.EDGE.
  v) EXTRA TOP CURTAILMENT OF BAR :- 0.35X/C/C DIS OF CONTI. EDGE.
- DEVELOP LENGTH FOR REINFORCEMENT-50D.
- THE DEPTH OF FOUNDATION SHOULD BE 1.20M. BELO THE E.G.L. WITH 0.3M. SAND CUSHION AND 1/2FT. L SAL BALLAH OF 150MM. DIA SHOULD BE DRIVEN OF SPACING OF 450MM. C/C BELOW THE FOUNDATIONS.

L.B.S. DECLARATION

Certified with full responsibility that the building plan has been d as per the provision of KMC Building Rules 2009, as amended from time, that the site conditions, including the abutting roads confir the plans, which has been measured and verified by me.
It is a buildable site and not a tank of filled up tank.
The plot is surrounded by boundary wall.
The construction of U.G. water tank & septic tank will be complet before starting of building foundation work.
The abutting road is 3.92 M. wide K.M.C. Cement Concrete Road

MONI BHUSAN CHAKRAVARTI
Kolkata Municipal Corporation
L. B. S.-538 (I)
SIGNATURE OF L.B.S.

E.I.E. DECLARATION

The structural design and drawing of both foundation as well as super structure of the building has been made by me considering all possible loads like dead & living load as per medium building code of India and certified that it is a safe and stable in all respect. The recommendations of soil test report prepared by Rupak Kumar Banerjee has been considered during structural calculation.

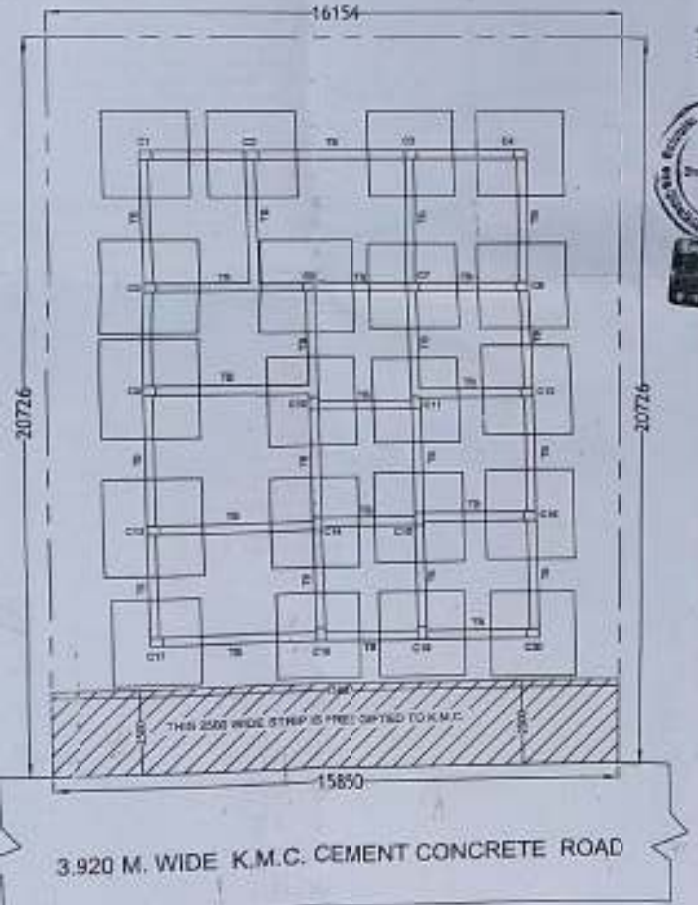
MONI BHUSAN CHAKRAVARTI
Kolkata Municipal Corporation
Empanelled Structural Engineer
E.I.E.-1(1)(2)
SIGNATURE OF E.I.E.

COLUMN SCHEDULE

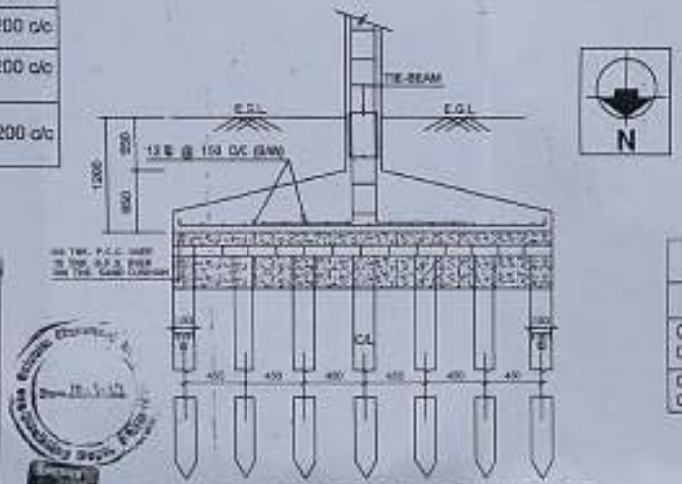
COLUMN MKD.	SIZE	REINF.	STIRRUP
C5,C6,C9,C13	250X450	8 - 16T	4L-8T@200 c/c
C7,C8,C10,C12,C14, C15,C16	250X400	8 - 16T	4L-8T@200 c/c
C1,C2,C3,C4,C11,C17, C18,C19,C20	250X350	6 - 16T	4L-8T@200 c/c

FOUNDATION SCHEDULE

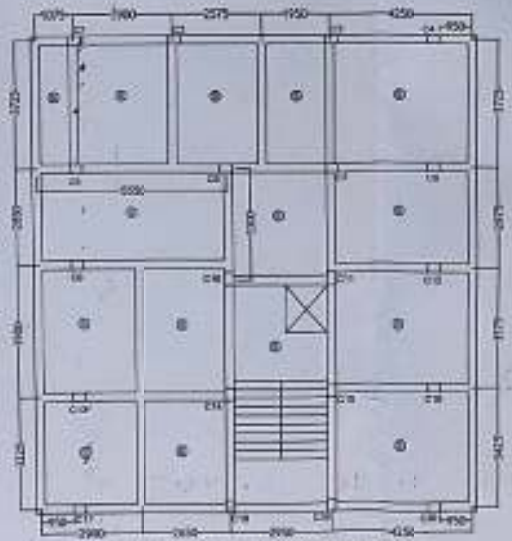
FDN. UNDER COLUMN	FDN.SIZE	DEPTH	REINFORCEMENT
C5,C6,C9 & C13.	2700 X 2700	650	12 T @ 150 c/c(B/W)
C7,C8,C10,C12,C14, C15 & C16	2500 X 2500	650	12 T @ 150 c/c(B/W)
C1,C2,C3,C4,C11,C17, C18,C19 & C20	2400 X 2400	600	12 T @ 150 c/c(B/W)



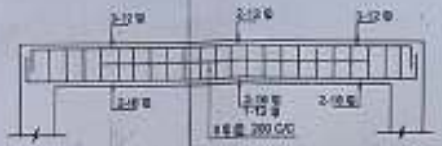
FOUNDATION LAY-OUT PLAN
SCALE : 1:100



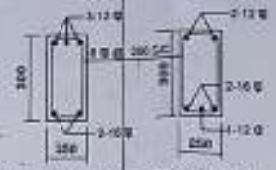
DET. OF FDN. & PILE FOR COL MKD. C5
SCALE : 1:25



BEAM & SLAB LAY-OUT PLAN
SCALE : 1:100



LONG. SEC. OF BEAM MKD.B3



DET. OF BEAM MKD.B3
SCALE : 1:25

PROPOSED G+III STORIED RESIDENTIAL BUILDING PLAN U/S 393A OF K.M.C. ACT 1980 & UNDER BUILDING RULE 2009 AT PREMISES NO : 56, SCHOOL ROAD, WARD NO. 114, BOROUGH NO. XI, P.S. - REGENT PARK KOLKATA - 700 093.