

CERTIFIED COPY

Structural plan and design calculation as submitted by the structural engineer have been kept with B.P. No. 2018120326.....Date 27-3-19 for record of the Kolkata Municipal Corporation without verification No. deviation from the submitted structural plan should be made at the 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 the adjoining premises public and private properties and safety of human life during construction.

Self
EXECUTIVE ENGINEER/ASSTT. ENGINEER
BOROUGH NO. XII

R. S. CONSTRUCTION
R. S.
Proprietor

2018120345
Building Department Borough - XII
RECEIVED
DATE 25/3/19
The Kol. Mpl. Corporation

KOLKATA MUNICIPAL CORPORATION
BUILDING DEPARTMENTS
CERTIFIED COPY OF B.S. PLAN
No. 2018120326 Dt. 27-3-2019
Borough No. XII
Assistant Engineer XII Executive Engineer XII

R. S. CONSTRUCTION

Proprietor

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 DISCRIPANCY 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.

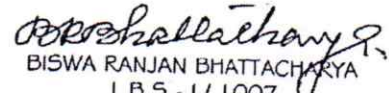
- EXTRA TOP REINFORCEMENT:-
0.25XC/C DISTANCE OF DISCONTI.SUPT.
- EXTRA TOP REINFORCEMENT:-
0.25XC/C DISTANCE OF CONTI. SUPT.
- EXTRA BOTTOM REINFORCEMENT:-
0.10XC/C DISTANCE OF DISCONT.SUPT.
- EXTRA BOTTOM REINFORCEMENT:-
0.15XC/C DISTANCE OF CONT. SUPT.

- 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 1500MM


Proprietor

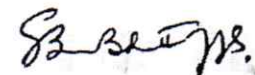
DECLARATION OF L. B. S.

I CERTIFIED WITH FULL RESPONSIBILITY THAT THE BUILDING PLAN HAS BEEN DRAWN UP AS PER PROVISIONS OF K.M.C. BUILDING RULES 2009 AS AMENDED FROM TIME TO TIME AND THE SITE CONDITION INCLUDING WIDTH OF THE ABUTTING ROAD CONFORMS WITH THE PLAN, WHICH HAS BEEN MEASURED AND VERIFIED BY ME. IT IS A BUILDABLE SITE NOT A TANK OR FILLED UP TANK. THE PLOT IS DEMARKETAD BY BOUNDARY WALL. THE WIDTH OF ABUTTING ROAD 5.486 MT. WIDE K.M.C ROAD ON EASTERN SIDE OF THE PREMISES. SIGNATURE OF OWNER IS IDENTIFIED BY ME.


BISWA RANJAN BHATTACHARYA
L.B.S.- 1/1007
SIGNATURE OF L.B.S.

DECLARATION OF STRUCTURAL ENGINEER

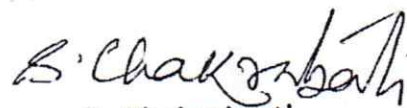
THE STRUCTURAL DESIGN AND DRAWING OF THE BOTH FOUNDATION AND SUPER STRUCTURE OF THE BUILDING HAVE BEEN MADE BY ME CONSIDERING ALL THE POSSIBLE LOADS INCLUDING SEICMIC LOAD AS PER THE NATIONAL BUILDING CODE OF INDIA AND CERTIFIED THAT IT IS SAFE AND STABLE IN ALL RESPECT. SOIL TESTING REPORT HAS BEEN DONE BY S. CHAKRABORTY OF MAS OF 4, GARFA MAIN ROAD, KOLKATA - 75. THE RECOMMENDATION OF REPORT HAS BEEN CONSIDERED DURING STRUCTURAL CALCULATION.


S B Bhattacharyya
BE (Civil)
ESE-116/1

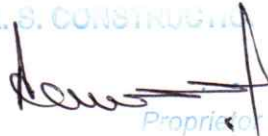
SAKTI BRATA BHATTACHARYA
E.S.E.- 1/116
SIGNATURE OF STRUCTURAL ENG.

DECLARATION OF GEOTECHNICAL ENGINEER

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.


S. Chakraborti
B.C.E M-Tech-Soil (TIT MIE (INDIA))
Geo-tech No.: 18/1,
Kolkata Municipal Corporation
1/1, New Santoshpur Main Road
Kolkata-700075

S.CHAKRABORTY
G.T.E.- 18/1
SIGNATURE OF GEO-TECHNICAL


R.S. CONSTRUCTION
Proprietor



(RANA SAFUI)
SIGNATURE OF OWNER

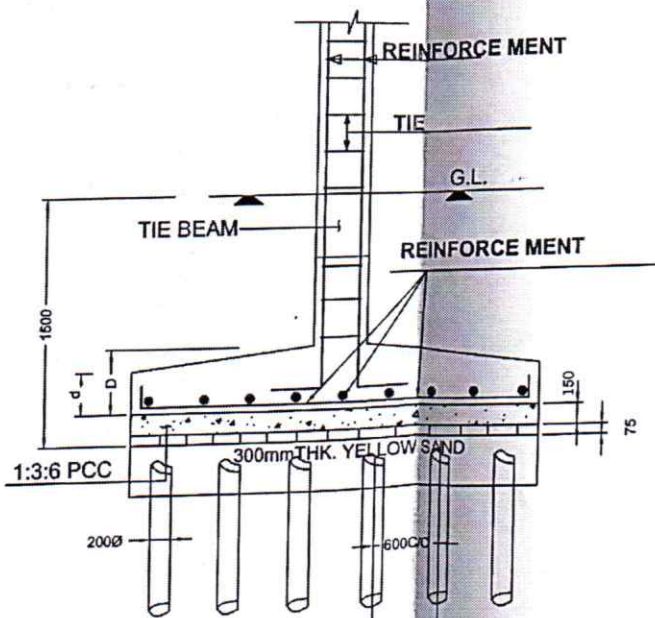
STRUCTURAL DRAWING OF PROPOSED G+IV STORIED RESIDENTIAL BUILDING AT PREMISES NO.- 125, KALIKAPUR ROAD, WARD NO.- 106, BOROUGH - XII, P.S.- GARFA, KOL.- 78, DAG NO.- 2168, KHATIAN NO.- 779, MOUZA - GARFA, J.L.NO.- 19.

COLUMN SCHEDULE

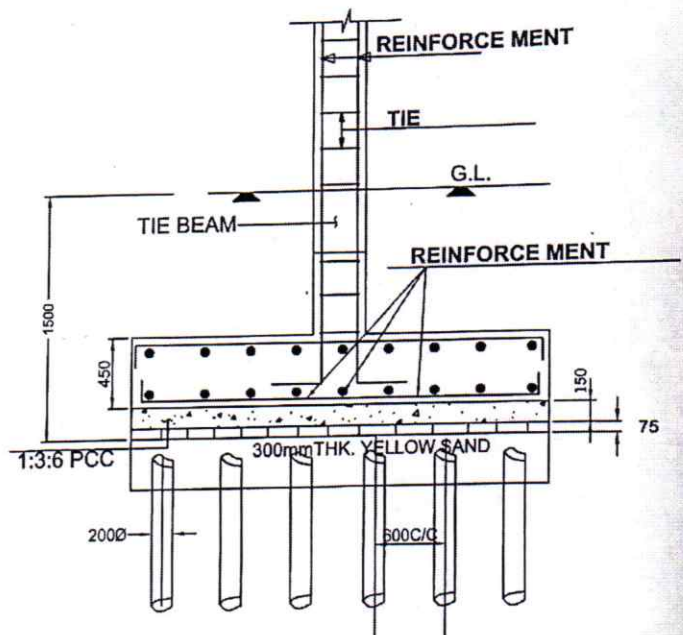
COLUMN MKD.	SECTION	REINFORCE-MENT	TIE
C2,C7,C8,C9,C10,C14,C15,C16,C17	250X500	10 - 16T	2L-8T@150 c/c
C3,C5,C20,C21,C23,C24	250X450	8 - 16T	2L-8T@150 c/c
C11,C12,C13,C18	250X400	8 - 16T	2L-8T@150 c/c
ALL OTHERS	250X350	6 - 16T	2L-8T@150 c/c

SLAB SCHEDULE

SLAB MKD.	THICK-NESS	REINFORCEMENT		PROVIDE 8T 150 c/c AT EDGES AS EXTRA TOP
		MAIN REINF.	DISTRIBUTION	
(S1)	110 MM	8 T @ 125 c/c	8 T 150 c/c	PROVIDE 8T 150 c/c AT EDGES AS EXTRA TOP
(S2)	120 MM	8 T @ 125 c/c	8 T 150 c/c	PROVIDE 8T 150 c/c AT EDGES AS EXTRA TOP



200Ø SAL BALLAH & 600C/C SPACING
3M.DEPTH SAL BALLAH
DETAIL OF ISOLATED FOOTING



200Ø SAL BALLAH & 600C/C SPACING
3M.DEPTH SAL BALLAH
DETAIL OF COMBINED FOOTING

R.A. CONSTRUCTION
[Signature]
 Proprietor

FOUNDATION SCHEDULE

FDN MKD.	F.D.N UNDER COLUMN	FOUND SIZE L1XL2 (mmxmm)	d (mm)	D (mm)	REINFORCEMENT
F1	C1,C4,C6,C19,C22	2300X2300	200	400	10 T @ 150 c/c(BW)
F2	C2,C7,C10	3200X3200	250	450	12 T @ 125 c/c(BW)
F3	C3,C5	3000X3000	250	400	12 T @ 150 c/c(BW)
F4	C11,C12,C13,C18	2600X2600	200	450	10 T @ 125 c/c(BW)
F5	C14+C20	3280X6300		450	12 T @ 150 c/c(BW) IN TWO LAYERS
F6	C17+C21	3280X6300		450	12 T @ 150 c/c(BW) IN TWO LAYERS
F7	C23+C24	3020X5970		450	12 T @ 150 c/c(BW) IN TWO LAYERS
F8	C8+C9+C15+C16	6320X6485		450	12 T @ 150 c/c(BW) IN TWO LAYERS



BEAM SCHEDULE

BEAM MKD.	SECTION	REINF. (SUPPORT)		REINF. (SPAN)		STIRRUP
		TOP	BOTTOM	TOP	BOTTOM	
B1	250X350	3-12 \varnothing + 2-16 \varnothing	3-16 \varnothing	3-12 \varnothing	5-16 \varnothing	2L-8T@150 c/c
B2	250X300	2-12 \varnothing + 2-16 \varnothing	2-16 \varnothing	2-12 \varnothing	4-16 \varnothing	2L-8T@150 c/c
B1C	250X350	5-16 \varnothing	2-16 \varnothing	5-16 \varnothing	2-16 \varnothing	2L-8T@150 c/c
ALL TIE BEAM	250X350	3-12 \varnothing + 2-12 \varnothing	3-12 \varnothing	3-12 \varnothing	5-12 \varnothing	2L-8T@175 c/c

