

SCHEDULE OF R.C.C. FOUNDATION								
PILE CAP MKD.	COL. MKD.	SIZE OF CAP	NO. OF PILE	DIA. OF PILE	REINFORCEMENT			
					TOP LAYER		BOTTOM LAYER	
					SHT. SPAN	LONG SPAN	SHT. SPAN	LONG SPAN
P1.	C12+C13+C16+C17	4975X4650	11	4500	16 T @125C/C.	16 T @125C/C.	16 T @125C/C.	16 T @125C/C.
P2.	ALL OTHERS	750X1875	2	4500	12 T @125C/C.	12 T @125C/C.	12 T @125C/C.	12 T @125C/C.
ALL PILE CAP DEPTH 750MM								
PILE MKD.	SCHEDULE OF R.C.C.PILE		DIA. OF PILE	CUT OF PILE	LENGTH OF PILE			
	REINFORCEMENT.	STIRRUP						
ALL PILE	6-16T	8 T @115 C/C.(END) 8 T @150 C/C.(MID)	4500	1.5M.	17.5 M.			

BEAM MKD.	SECTION	REINF.(SUPPORT)		REINF.(SPAN)		STIRRUP
		TOP	BOTTOM	TOP	BOTTOM	
		B1	280X380	3-16 $\nabla$ 3-16 $\nabla$	3-16 $\nabla$	
B2	280X300	2-16 $\nabla$ 3-16 $\nabla$	2-16 $\nabla$	5-16 $\nabla$ 5-16 $\nabla$	2L -8T@150 c/c	
B3	280X450	3-16 $\nabla$ 3-16 $\nabla$	3-16 $\nabla$	6-16 $\nabla$ 6-16 $\nabla$	2L -8T@150 c/c	
B1C	280X350	5-16 $\nabla$	2-16 $\nabla$	5-16 $\nabla$	2L -8T@150 c/c	
ALL TIE BEAMS	280X350	3-16 $\nabla$ 2-16 $\nabla$	3-16 $\nabla$	5-16 $\nabla$	2L -8T@150 c/c	

COLUMN MKD.	SECTION	REINFORCEMENT	TIE				
				C13,C17	280X450	10-16T	2L-8T@150 c/c
				C1,C2,C3,C4,C7,C16,C24,C28	280X350	6-16T	2L-8T@150 c/c
C11,C18,C22,C23,C25,C26,C27	280X400	6-16T 2-12T 8-16T	2L-8T@150 c/c				
ALL OTHERS	280X400	6-16T	2L-8T@150 c/c				

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

STRUCTURAL DRAWING OF PROPOSED G+IV STORIED RESIDENTIAL BUILDING PLAN U/S 393A OF K.M.C. ACT. 1980 AND BUILDING RULE-2009 AT PREMISES NO. 103, KALIKAPUR, WARD -109, BOROUGH-XII, UNDER K.M.C. OF MOUZA - KALIKAPUR, R.S. DAG NO. 375(PART),R.S. KHATIAN NO. - 342, J.L. NO. 20, P.S. - PURBA JADAVPUR.

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 DISCONTIEDGE
- 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.

E.S.E./L.B.S. DECLARATION

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

SIGNATURE OF THE OF STRUCTURAL ENGINEER

MOLOY SIL

E.S.E. NO- 478/II

DECLARATION OF GEO-TECHNICAL ENGINEER

UNDERSIGNED HAS INSPECTED THE SITE AND CARRIED OUT SOIL INVESTIGATION THEREIN. 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 THEREIN IS SAFE AND STABLE IN ALL RESPECT FROM GEO-TECHNICAL POINT OF VIEW.

SIGNATURE OF THE GEO-TECHNICAL ENGINEER

RUPAK KUMAR BANERJEE

GEO-TECH. NO- 1/3

L.B.S. DECLARATION

CERTIFIED WITH FULL RESPONSIBILITY THAT THE BUILDING PLAN HAS BEEN DRAWN UP AS PER PROVISION OF K.M.C. BUILDING RULES 2009 AS AMENDED FROM TIME TO TIME & THAT THE SITE CONDITION INCLUDING THE ABUTTING ROAD CONFORMS WITH THE PLAN, WHICH HAS BEEN MEASURED AND VERIFIED BY ME. IT IS A BUILDABLE SITE AND NOT A TANK OR FILLED UP TANK. THE LAND IS DEMARCATED BY BOUNDARY WALL. THE PLOT IS BEYOND 500 MR. FROM C/L OF E.M. BYE PASS. THE CONSTRUCTION OF SEMI U.G. WATER TANK AND SEPTIC TANK WILL BE COMPLETED BEFORE STARTING OF BUILDING FOUNDATION WORK. WIDTH OF FRONT ABUTTING ROAD IS 6.00 MTR. NATURE OF ROAD IS BLACK TOP ROAD THERE IS NO EXISTING BUILDING STRUCTURE THE PLOT IS FULLY OCCUPIED BY THE OWNER. SITE PLAN AND KEY PLAN CONFORM WITH THE SITE. SIGNATURE OF OWNER IS AUTHENTICATED BY ME.

SIGNATURE OF THE L.B.S.

MOLOY SIL

L.B.S. NO. 1028 /I

SIGNATURE OF THE OWNER

Manoranjan Mondal

