

SCHEDULE OF R.C.C. ISOLATED FOOTING FOUNDATION (M20 GRADE OF CONC.)

FOUND. MKD	COLUMN MKD.	FOUND. SIZE (AXB)	FOUND. DEPTH	d1 (FLAT CONC. HT.)	d2 (SLOPE CONC. HT.)	d3 (PEDESTAL HT.)	BEAM SIZE WITH REINFORCEMENT	REINFORCEMENT FOR SLAB
F1	C3,C4,C9,C22,C24	2300X2300	1500	200	400 (SLOPE 200 TO 400)	475	-	12 TOR @150 C/C BOTH WAYS
F2	C2,C5,C13,C16,C18,C19,C21	2600X2600	1500	200	400 (SLOPE 200 TO 400)	475	-	12 TOR @150 C/C BOTH WAYS
F3	C1	2950X2950	1500	250	450 (SLOPE 250 TO 450)	425	-	12 TOR @150 C/C BOTH WAYS
F4	C15	2500X2300	1500	200	400 (SLOPE 200 TO 400)	475	-	12 TOR @125 C/C BOTH WAYS
F5	C14	4000X2400	1500	250	450 (SLOPE 250 TO 450)	275	RB3:- MAIN REINFORCEMENT:- 500X800 SIZE WITH (4-16 TOR ALTH. TOP & BOT.) EXTRA REINFORCEMENT:- (3-16 TOR AT SUPP. BOT. & 3-16 TOR AT SPAN TOP)	16 TOR @150 C/C ONE WAYS 12 TOR @150 C/C ONE WAYS
F6	C17	4200X2400	1500	250	450 (SLOPE 250 TO 450)	275	RB3:- MAIN REINFORCEMENT:- 500X800 SIZE WITH (4-16 TOR ALTH. TOP & BOT.) EXTRA REINFORCEMENT:- (3-16 TOR AT SUPP. BOT. & 3-16 TOR AT SPAN TOP)	16 TOR @150 C/C ONE WAYS 12 TOR @150 C/C ONE WAYS
F7	C20	4400X2400	1500	250	450 (SLOPE 250 TO 450)	275	RB3:- MAIN REINFORCEMENT:- 500X800 SIZE WITH (4-16 TOR ALTH. TOP & BOT.) EXTRA REINFORCEMENT:- (3-16 TOR AT SUPP. BOT. & 3-16 TOR AT SPAN TOP)	16 TOR @125 C/C ONE WAYS 12 TOR @125 C/C ONE WAYS
F8	C23	4500X2400	1500	250	450 (SLOPE 250 TO 450)	275	RB3:- MAIN REINFORCEMENT:- 500X800 SIZE WITH (4-16 TOR ALTH. TOP & BOT.) EXTRA REINFORCEMENT:- (3-16 TOR AT SUPP. BOT. & 3-16 TOR AT SPAN TOP)	16 TOR @125 C/C ONE WAYS 12 TOR @125 C/C ONE WAYS

SCHEDULE OF R.C.C. COMBINED FOOTING FOUNDATION (M20 GRADE OF CONC.)

FOUND. MKD	COLUMN MKD.	FOUND. SIZE (AXB)	FOUND. DEPTH	d1 (FLAT CONC. HEIGHT)	d2 (SLOPE CONC. HEIGHT)	d3 (PEDESTAL HEIGHT)	BEAM SIZE WITH REINFORCEMENT	REINFORCEMENT FOR SLAB
CF1	C6-C7-C8 C10-C11-C12	9800X5950	1500	250	450 (SLOPE 250 TO 450)	275	RB1:- MAIN REINFORCEMENT:- 600X800 SIZE WITH (4-16 TOR ALTH. TOP & BOT.) EXTRA REINFORCEMENT:- (4-16 TOR AT SUPP. BOT. & 4-16 TOR AT SPAN TOP) RB2:- MAIN REINFORCEMENT:- 450X800 SIZE WITH (4-16 TOR ALTH. TOP & BOT.) EXTRA REINFORCEMENT:- (3-16 TOR AT SUPP. BOT. & 3-16 TOR AT SPAN TOP)	12 TOR @125 C/C SHORTER DIRECTION 12 TOR @175 C/C LONGER DIRECTION

SCHEDULE OF R.C.C. FLOOR BEAM (M20 GRADE OF CONC.)

FLOOR BEAM MKD	FLOOR BEAM SIZE	MID. SPAN	LEFT SUPP.	RIGHT SUPP.	STIRRUPS
FB1	250x350	2-16#	2-16#	2-16#	2-16#
FB2	250x400	2-16#	2-16#	2-16#	2-16#
FB3	250x400	2-16#	2-16#	2-16#	2-16#
FB4	250x450	3-16#	3-16#	3-16#	3-16#
L.B	200x350	2-16#	2-16#	2-16#	2-16#

SCHEDULE OF R.C.C. COLUMN (M20 GRADE OF CONC.):-

COLUMN MKD.	FOUND. TO 2ND. FLOOR	2ND. FLOOR TO 2ND. FLOOR ROOF	REINFORCEMENT
C2,C3,C4,C19,C21,C22,C24	250x400	250x400	8-16# 6-16# 2-12#
C1,C5,C8,C9,C11,C12,C13,C14,C15,C16,C17,C18	250x450	250x450	8-16# 6-16# 2-12#
C7,C10,C20,C23	250x450	250x450	4-20# 4-16#
C6	250x675	250x675	12-16# 8-16# 4-12#

SCHEDULE OF R.C.C. TIE BEAM (M20)

TIE BEAM MKD	TIE BEAM SIZE	MID. SPAN	LEFT SUPP.	RIGHT SUPP.	STIRRUPS
TB1	250x400	3-16#	3-16#	3-16#	3-16#
TB2	250x450	4-16#	4-16#	4-16#	4-16#

NOTES:-
 (a) ALL DIMENSIONS ARE IN MM.
 (b) ALL EXTERNAL WALLS ARE 200 MM THK.
 (c) ALL INTERNAL WALLS ARE 125 MM THK. & 75 MM THK.
 (d) THE DEPTH OF SEPTIC TANK & S.U.G.W.R. SHOULD NOT EXCEED THE DEPTH OF FOUNDATION OF THE BUILDING.

SPECIFICATION:-
 (1) GRADE OF STEEL : Fe415
 (2) GRADE OF CONCRETE: M20
 (3) OTHER SPECIFICATIONS WILL BE FOLLOWED AS PER N.B.C. OF INDIA

SCHEDULE OF R.C.C. SLAB (M20 GRADE)

SLAB MKD.	THICKNESS OF SLAB	AT SUPPORT	AT MID. SPAN
S1	100	8 # TOR @150 C/C 8 # TOR @300 C/C	8 # TOR @150 C/C
S2	125	10 # TOR @150 C/C 10 # TOR @300 C/C	10 # TOR @150 C/C
S3	100	8 # TOR @150 C/C 8 # TOR @300 C/C	8 # TOR @150 C/C
STAIR SLAB	125	10 # TOR @125 C/C	10 # TOR @125 C/C

DECLARATION OF GEO-TECHNICAL 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.

Sankar Chakraborty
 SANKAR CHAKRABORTY (G.T./I/D)
 SIGNATURE OF GEO-TECHNICAL ENGINEER

DECLARATION OF L.B.S.:-
 I CERTIFY ON THE PLAN MYSELF 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 AND SITE CONDITION INCLUDING THE WIDTH OF ABUTTING PASSAGE/ROAD CONFIRM WITH THE PLAN AND THAT IT IS A BUILDABLE SITE AND NOT A TANK OR FILLED UP TANK.

Ashis Kundu
 ASHIS KUNDU (L.B.S. NO. 679/1)
 SIGNATURE OF L.B.S.

DECLARATION OF E.S.E.:-
 THE STRUCTURAL DESIGN AND DRAWING OF BOTH FOUNDATION AND SUPER-STRUCTURE OF THE BUILDING HAS BEEN MADE BY ME CONSIDERING ALL POSSIBLE LOADS INCLUDING SEISMIC AND WIND LOAD AS PER N.B.C. OF INDIA (LATEST EDITION) & CERTIFIED THAT IT IS SAFE AND STABLE IN ALL RESPECT.
 SOIL TESTING HAS BEEN DONE BY MRS. CHAKRABORTY OF "MAS" 4, GARFA MAIN ROAD KOLKATA-700 075. THE RECOMMENDATION OF SOIL TEST REPORT HAS BEEN CONSIDERED DURING STRUCTURAL CALCULATIONS.

Ashis Kundu
 ASHIS KUNDU (E.S.E. NO. 327/1)
 SIGNATURE OF STRUCTURAL ENGINEER

OWNER'S DECLARATION:-
 I DO HEREBY DECLARE WITH FULL RESPONSIBILITY THAT -
 I SHALL ENGAGE L.B.S. & E.S.E. DURING CONSTRUCTION. I SHALL FOLLOW THE INSTRUCTIONS OF L.B.S. & E.S.E. DURING CONSTRUCTION OF THE BUILDING (AS PER B.S. PLAN).
 K.M.C. AUTHORITY WILL NOT BE RESPONSIBLE FOR STRUCTURAL STABILITY OF THE BUILDING & ADJOINING STRUCTURES.
 IF ANY SUBMITTED DOCUMENTS ARE FOUND TO BE FAKE, THE K.M.C. AUTHORITY WILL REVOKE THE SANCTION PLAN.
 THE CONSTRUCTION OF WATER RESERVOIR AND SEPTIC TANK WILL BE UNDERTAKEN UNDER THE GUIDANCE OF E.S.E./L.B.S. BEFORE STARTING OF BUILDING FOUNDATION WORK.

Chiranjit Dutta
Bikash Das
Sandip Dutta
Sunil Kumar
 M/S SUN CONSTRUCTION
 SIGNATURE OF OWNER(S)

A.K. CONSULTANT
 25B, MAHATMA GANDHI ROAD, KOLKATA-700082
 9830334675 6451-5660

PROPOSED G+III STORIED RESIDENTIAL BUILDING AT PREMISES NO.-79, KARUNAMAYEE GHAT ROAD, IN WARD NO.- 115, BOROUGH NO.-XIII, UNDER THE KOLKATA MUNICIPAL CORPORATION, P.S.-HARIDEVPUR, KOLKATA-700082, DIST -24 PGS.(SOUTH)

NAME OF OWNER(S) - I) SRI SUBHENDU BANERJEE.
 II) SRI CHIRANJIT DUTTA.
 III) SRI SANDIP DUTTA,
 IV) SRI BIKASH DAS.

SCALE:- 1:100, 1:25, 1:10
 DRAWN BY:- ARYA CHAKRABORTY
 CHECKED BY:- ASHIS KUNDU

