

SCHEDULE OF FOUNDATION				
FUN. TYP.	SIZE OF FUN.	COLUMN UNDER	THICKNESS (MM)	REINFORCEMENT BOTHWAYS AT BOTTOM & TOP
Isolated Raft	2150 X 2150	C1	300	12 TOR @ 200 C/C (LON.) 12 TOR @ 200 C/C (SHOR.)
Isolated Raft	2250 X 2250	C2	300	12 TOR @ 200 C/C (LON.) 12 TOR @ 200 C/C (SHOR.)
Isolated Raft	2600 X 2600	C3	350	12 TOR @ 175 C/C (LON.) 12 TOR @ 175 C/C (SHOR.)
Combined Raft	2000 X 4400	C4 C5	300	12 TOR @ 200 C/C (LON.) 12 TOR @ 150 C/C (SHOR.)
Isolated Raft	3300 X 3300	C6	400	12 TOR @ 150 C/C (LON.) 12 TOR @ 150 C/C (SHOR.)
Isolated Raft	3100 X 3100	C7	400	12 TOR @ 175 C/C (LON.) 12 TOR @ 150 C/C (SHOR.)
Isolated Raft	2300 X 2300	C8	300	12 TOR @ 200 C/C (LON.) 12 TOR @ 200 C/C (SHOR.)
Isolated Raft	2600 X 3000	C9	350	12 TOR @ 175 C/C (LON.) 12 TOR @ 175 C/C (SHOR.)
Isolated Raft	2600 X 3000	C10	350	12 TOR @ 175 C/C (LON.) 12 TOR @ 175 C/C (SHOR.)
Isolated Raft	2600 X 2600	C11	350	12 TOR @ 175 C/C (LON.) 12 TOR @ 175 C/C (SHOR.)
Isolated Raft	2750 X 2750	C12	350	12 TOR @ 175 C/C (LON.) 12 TOR @ 200 C/C (SHOR.)
Isolated Raft	3200 X 3200	C13	400	12 TOR @ 175 C/C (LON.) 12 TOR @ 150 C/C (SHOR.)

SCHEDULE OF FOUNDATION				
FUN. TYP.	SIZE OF FUN.	COLUMN UNDER	THICKNESS (MM)	REINFORCEMENT BOTHWAYS AT BOTTOM & TOP
Isolated Raft	3000 X 3000	C14	400	12 TOR @ 175 C/C (LON.) 12 TOR @ 150 C/C (SHOR.)
Isolated Raft	2750 X 2750	C15	350	12 TOR @ 175 C/C (LON.) 12 TOR @ 175 C/C (SHOR.)
Isolated Raft	2750 X 2750	C16	350	12 TOR @ 175 C/C (LON.) 12 TOR @ 175 C/C (SHOR.)
Isolated Raft	2900 X 3200	C17	400	12 TOR @ 175 C/C (LON.) 12 TOR @ 150 C/C (SHOR.)
Isolated Raft	3200 X 3200	C18	400	12 TOR @ 175 C/C (LON.) 12 TOR @ 150 C/C (SHOR.)
Isolated Raft	2400 X 2400	C19	350	12 TOR @ 200 C/C (LON.) 12 TOR @ 175 C/C (SHOR.)
Isolated Raft	2700 X 2700	C20	350	12 TOR @ 175 C/C (LON.) 12 TOR @ 175 C/C (SHOR.)
Isolated Raft	3050 X 3050	C21	400	12 TOR @ 175 C/C (LON.) 12 TOR @ 150 C/C (SHOR.)
Isolated Raft	2600 X 2600	C22	350	12 TOR @ 175 C/C (LON.) 12 TOR @ 175 C/C (SHOR.)
Isolated Raft	2600 X 2600	C23	350	12 TOR @ 175 C/C (LON.) 12 TOR @ 175 C/C (SHOR.)
Isolated Raft	2600 X 2600	C24	350	12 TOR @ 175 C/C (LON.) 12 TOR @ 175 C/C (SHOR.)
Isolated Raft	2800 X 3500	C25	400	12 TOR @ 150 C/C (LON.) 12 TOR @ 150 C/C (SHOR.)
Isolated Raft	2150 X 2150	C26	300	12 TOR @ 200 C/C (LON.) 12 TOR @ 200 C/C (SHOR.)
Isolated Raft	2600 X 2600	C27	350	12 TOR @ 175 C/C (LON.) 12 TOR @ 175 C/C (SHOR.)
Isolated Raft	2750 X 2750	C28	350	12 TOR @ 175 C/C (LON.) 12 TOR @ 175 C/C (SHOR.)
Isolated Raft	2450 X 2450	C29	350	12 TOR @ 175 C/C (LON.) 12 TOR @ 175 C/C (SHOR.)

SCHEDULE OF R.C.C. BEAM			
MARKED	BEAM SECTION	REINFORCEMENT AT SUPPORT	REINFORCEMENT AT SPAN
B1	250 X 400	TOP: 2-16 MM + 2-16 MM BOTTOM: 2-16 MM + 2-16 MM	TOP: 2-16 MM BOTTOM: 2-16 MM + 2-16 MM
B2	250 X 400	TOP: 2-16 MM + 2-16 MM BOTTOM: 2-16 MM + 2-16 MM	TOP: 2-16 MM BOTTOM: 2-16 MM + 2-16 MM
B3	250 X 400	TOP: 2-16 MM + 2-16 MM BOTTOM: 2-16 MM + 2-16 MM	TOP: 2-16 MM BOTTOM: 2-16 MM + 2-16 MM
B4	250 X 400	TOP: 2-16 MM + 2-16 MM BOTTOM: 2-16 MM + 2-16 MM	TOP: 2-16 MM BOTTOM: 2-16 MM + 2-16 MM
B5	250 X 400	TOP: 2-16 MM + 2-16 MM BOTTOM: 2-16 MM + 2-16 MM	TOP: 2-16 MM BOTTOM: 2-16 MM + 2-16 MM
B6	250 X 300	TOP: 2-16 MM + 2-16 MM BOTTOM: 2-16 MM + 2-16 MM	TOP: 2-16 MM BOTTOM: 2-16 MM + 2-16 MM

SCHEDULE OF R.C.C. TIE BEAM			
MARKED	TIE BEAM SECTION	REINFORCEMENT AT SUPPORT	REINFORCEMENT AT SPAN
TB1	250 X 400	TOP: 2-16 MM + 2-16 MM BOTTOM: 2-16 MM + 2-16 MM	TOP: 2-16 MM BOTTOM: 2-16 MM + 2-16 MM
TB2	250 X 400	TOP: 2-16 MM + 2-16 MM BOTTOM: 2-16 MM + 2-16 MM	TOP: 2-16 MM BOTTOM: 2-16 MM + 2-16 MM
TB3	250 X 400	TOP: 2-16 MM + 2-16 MM BOTTOM: 2-16 MM + 2-16 MM	TOP: 2-16 MM BOTTOM: 2-16 MM + 2-16 MM
TB4	250 X 400	TOP: 2-16 MM + 2-16 MM BOTTOM: 2-16 MM + 2-16 MM	TOP: 2-16 MM BOTTOM: 2-16 MM + 2-16 MM

SCHEDULE OF R.C.C. SLAB			
MARKED	DEPTH	LONGER REINFORCEMENT	SHORTER REINFORCEMENT
S1	115	8 TOR @ 200 C/C	8 TOR @ 200 C/C
S2	125	10 TOR @ 150 C/C	10 TOR @ 125 C/C
S3	125	8 TOR @ 150 C/C	10 TOR @ 125 C/C
S4 (WAIST SLAB)	150	12 TOR @ 125 C/C	8 TOR @ 150 C/C

SCHEDULE OF R.C.C. FOUNDATION BEAM			
MARKED	FOUN. BEAM SECTION	REINFORCEMENT AT SUPPORT	REINFORCEMENT AT SPAN
FB1	400 X 700	TOP: 4-16 MM BOTTOM: 4-16 MM + 4-16 MM	TOP: 4-16 MM + 3-16 MM BOTTOM: 4-16 MM

SCHEDULE OF R.C.C. COLOUMN			
MARKED	SIZE (I X b)	REINFORCEMENT UP TO 2ND FLOOR LEVEL	REINFORCEMENT ABOVE 2ND FLOOR LEVEL
C4 C5	450 X 300	12 NOS. - 12 MM	12 NOS. - 12 MM
C3 C21 C29	450 X 300	6 NOS. - 16 MM + 6 NOS. - 12 MM 8 TOR 2L @ 150 C/C	12 NOS. - 12 MM 8 TOR 2L @ 150 C/C
C1 C3 C8 C11 C12 C15 C19 C20 C23 C24 C26	450 X 300	12 NOS. - 16 MM 8 TOR 2L @ 150 C/C	6 NOS. - 16 MM 6 NOS. - 12 MM 8 TOR 2L @ 150 C/C
C9 C10 C13 C16 C17 C28	450 X 300	6 NOS. - 20 MM 8 TOR 2L @ 150 C/C	12 NOS. - 16 MM 8 TOR 2L @ 150 C/C
C6 C7 C14 C18 C21 C22 C25	450 X 300	12 NOS. - 20 MM 8 TOR 2L @ 150 C/C	6 NOS. - 20 MM 6 NOS. - 16 MM 8 TOR 2L @ 150 C/C

STRUCTURAL DRAWING OF PROPOSED G+4 RESIDENTIAL APARTMENT BUILDING ON PLOT NO:-3051 (L.R.), J.L.NO:-205, K.H.NO:-8718 MOUZA:- DEMURARI GOPINATHPUR. UNDER BANKURA MUNICIPALITY, P.S.+ DIST:- BANKURA.

NAME OF OWNER :- DIRECTOR OF KESHOB REAL ESTATE PVT. LTD.
1. SRI KUNTAL BHATTACHARJEE
2. SRI DIPANKAR DUTTA

SPECIFICATIONS

- ALL DIMENSIONS ARE IN MM.
- 25 THK. D.P.C. WILL BE 1:2:4 P.C.C. WITH APPROVED WATER PROOFING COMPOUND.
- BRICK WORK WITH 1ST CLASS PICKED AND MORTAR (SAND CEMENT) FOR 200 & 250 THK. BRICK WORK 6:1 & 75 & 125 THK. BRICKWORK WITH 4:1.
- FOR ALL P.C.C. & R.C.C. WORK USE M20 GRADE OF CONCRETE WITH 20 MM DOWNAGGREGATE COARSE & PORTLAND CEMENT WITH WATER CEMENT RATIO 0.4 TO 0.5.
- FOR ALL R.C.C. WRK USE Fe-500 GRADE OF STEEL.
- DEPTH OF THE FOUNDATION IS AT 1.5 M BELOW OF EX. G.L.
- CLEAR COVER OF MAIN REINFORCEMENT AS PER BELOW:-
a) FOUNDATION- 50 MM, b) COLUMN- 40 MM, c) BEAM- 30 MM, d) SLAB- 20 MM.
- ALL OTHER SPECIFICATION ARE AS PER NATIONAL BUILDING CODE OF INDIA.

SIGNATURE OF OWNER

THE STRUCTURAL DESIGN & DRAWING OF BOTH FOUNDATION & SUPERSTRUCTURE OF THE BUILDING HAS BEEN MADE BY US CONSIDERING ALL POSSIBLE LOADS INCLUDING THE SEISMIC LOAD AS PER N.B.C. OF INDIA & CERTIFIED THAT IT IS SAFE & STABLE IN ALL RESPECT..

Dayamay Barai
DAYAMAY BARAI
Enlisted Structural Engineer
Bankura Municipality
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SIGN. OF STRUCTURAL ENGINEER & GEO TECH ENGINEER

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SIGNATURE OF L.B.S.

COLOUR INDEX

EXISTING BUILDING	
PROPERTY LINE	
PROPOSED BUILDING LINE	
DRAINAGE & SEWERAGE LINE	
ROAD LINE	

DOOR & WINDOW SCHEDULE		NOTE	
TYPE	SIZE (DOOR)	TYPE	SIZE (DOOR)
D	2100X2100	W	2400X1200
D1	1800X1200	W1	1800X1200
D2	1200X1200	W2	1500X1200
D3	1050X1200	W3	1200X1200
D4	900X1200	W4	900X1200
D5	750X1200	W5	750X600
		W6	750X1200
		W7	600X600

- ALL DIMENSION ARE IN MM.
- ALL OUTER WALL - 200 MM TH
- ALL INNER WALL - 125 & 75 MM MM
- GRADE OF CONCRETS - M-20 AND STEEL - Fe 500

