

SCHEDULE OF FOUNDATION				
FUN. TYP.	SIZE OF FUN.	COLUMN UNDER	THICKNESS (MM)	REINFORCEMENT BOTHWAYS AT BOTTOM & TOP
Isolated Raft	2000 X 2000	C1	300	12 TOR @ 200 C/C (LON.) 12 TOR @ 200 C/C (SHOR.)
Isolated Raft	2400 X 2400	C2	350	12 TOR @ 200 C/C (LON.) 12 TOR @ 175 C/C (SHOR.)
Isolated Raft	2400 X 2400	C3	350	12 TOR @ 200 C/C (LON.) 12 TOR @ 175 C/C (SHOR.)
Isolated Raft	2400 X 2400	C4	350	12 TOR @ 200 C/C (LON.) 12 TOR @ 175 C/C (SHOR.)
Isolated Raft	2000 X 2000	C5	300	12 TOR @ 200 C/C (LON.) 12 TOR @ 200 C/C (SHOR.)
Isolated Raft	2800 X 2800	C6	350	12 TOR @ 175 C/C (LON.) 12 TOR @ 175 C/C (SHOR.)
Combined Raft	3200 X 6400	C7 C8	450	12 TOR @ 125 C/C (LON.) 12 TOR @ 125 C/C (SHOR.)
Isolated Raft	2900 X 2900	C9	400	12 TOR @ 175 C/C (LON.) 12 TOR @ 150 C/C (SHOR.)
Isolated Raft	2900 X 2900	C10	400	12 TOR @ 175 C/C (LON.) 12 TOR @ 150 C/C (SHOR.)
Combined Raft	3800 X 6000	C11 C12	450	12 TOR @ 125 C/C (LON.) 12 TOR @ 125 C/C (SHOR.)

SCHEDULE OF FOUNDATION				
FUN. TYP.	SIZE OF FUN.	COLUMN UNDER	THICKNESS (MM)	REINFORCEMENT BOTHWAYS AT BOTTOM & TOP
Isolated Raft	2600 X 2600	C13	350	12 TOR @ 175 C/C (LON.) 12 TOR @ 175 C/C (SHOR.)
Isolated Raft	3000 X 3000	C14	400	12 TOR @ 175 C/C (LON.) 12 TOR @ 150 C/C (SHOR.)
Combined Raft	4000 X 6000	C15 C18	450	12 TOR @ 125 C/C (LON.) 12 TOR @ 125 C/C (SHOR.)
Isolated Raft	2600 X 2600	C16	350	12 TOR @ 175 C/C (LON.) 12 TOR @ 175 C/C (SHOR.)
Isolated Raft	2800 X 2800	C17	350	12 TOR @ 175 C/C (LON.) 12 TOR @ 175 C/C (SHOR.)
Isolated Raft	3000 X 3000	C19	400	12 TOR @ 175 C/C (LON.) 12 TOR @ 150 C/C (SHOR.)
Isolated Raft	2700 X 2700	C20	350	12 TOR @ 175 C/C (LON.) 12 TOR @ 175 C/C (SHOR.)
Isolated Raft	2900 X 3500	C21	400	12 TOR @ 150 C/C (LON.) 12 TOR @ 150 C/C (SHOR.)
Isolated Raft	2800 X 3500	C22	400	12 TOR @ 150 C/C (LON.) 12 TOR @ 150 C/C (SHOR.)
Isolated Raft	2750 X 2750	C23	350	12 TOR @ 175 C/C (LON.) 12 TOR @ 175 C/C (SHOR.)
Isolated Raft	2700 X 2700	C24	350	12 TOR @ 175 C/C (LON.) 12 TOR @ 175 C/C (SHOR.)
Isolated Raft	2900 X 2900	C25	400	12 TOR @ 175 C/C (LON.) 12 TOR @ 150 C/C (SHOR.)
Isolated Raft	2600 X 2600	C26	350	12 TOR @ 175 C/C (LON.) 12 TOR @ 175 C/C (SHOR.)
Isolated Raft	2300 X 2300	C27	300	12 TOR @ 200 C/C (LON.) 12 TOR @ 200 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 3-16 MM STIRRUP 8 TOR @ 150 CC	TOP 2-16 MM BOTTOM 3-16 MM + 2-12 MM STIRRUP 8 TOR @ 200 CC
B2	250 X 400	TOP 2-16 MM + 2-16 MM BOTTOM 2-16 MM + 2-16 MM STIRRUP 8 TOR @ 150 CC	TOP 2-16 MM BOTTOM 2-16 MM + 2-16 MM STIRRUP 8 TOR @ 200 CC
B3	250 X 400	TOP 3-16 MM + 3-16 MM BOTTOM 3-16 MM STIRRUP 8 TOR @ 125 CC	TOP 3-16 MM BOTTOM 3-16 MM + 2-16 MM STIRRUP 8 TOR @ 175 CC
B4	250 X 400	TOP 2-20 MM + 2-20 MM BOTTOM 3-20 MM STIRRUP 8 TOR @ 125 CC	TOP 2-16 MM BOTTOM 3-20 MM STIRRUP 8 TOR @ 175 CC
B5	250 X 400	TOP 2-16 MM + 3-20 MM BOTTOM 3-16 MM STIRRUP 8 TOR @ 125 CC	TOP 2-16 MM BOTTOM 3-16 MM STIRRUP 8 TOR @ 125 CC
B6	250 X 300	TOP 2-16 MM BOTTOM 2-16 MM STIRRUP 8 TOR @ 150 CC	TOP 2-16 MM BOTTOM 2-16 MM STIRRUP 8 TOR @ 150 CC

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 + 3-12 MM BOTTOM 2-12 MM STIRRUP 8 TOR @ 125 CC	TOP 2-16 MM BOTTOM 2-12 MM + 2-12 MM STIRRUP 8 TOR @ 150 CC
TB2	250 X 400	TOP 3-16 MM + 3-16 MM BOTTOM 5-16 MM STIRRUP 8 TOR @ 125 CC	TOP 3-16 MM BOTTOM 5-16 MM + 3-16 MM STIRRUP 8 TOR @ 150 CC
TB3	250 X 400	TOP 5-16 MM BOTTOM 3-12 MM STIRRUP 8 TOR @ 125 CC	TOP 5-16 MM BOTTOM 3-12 MM + 3-16 MM STIRRUP 8 TOR @ 150 CC

SCHEDULE OF R.C.C. SLAB			
MARKED	DEPTH	LONGER REINFORCEMENT	SHORTER REINFORCEMENT
S1	100	8 TOR @ 200 C/C	8 TOR @ 200 C/C
S2	125	10 TOR @ 150 C/C	10 TOR @ 125 C/C
S3	115	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-COMBINED RAFT			
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 STIRRUP 8 TOR @ 125 CC	TOP 4-16 MM + 3-16 MM BOTTOM 4-16 MM STIRRUP 8 TOR @ 175 CC

SCHEDULE OF R.C.C. COLOUMN			
MARKED	SIZE (L X b)	REINFORCEMENT UP TO 2ND FLOOR LEVEL	REINFORCEMENT ABOVE 2ND FLOOR LEVEL
C1 C5 C27	450 X 250	8 NOS. - 16 MM	4 NOS. - 16 MM
C16 C20 C23	450 X 250	8 TOR 2L @ 150 C/C	4 NOS. - 12 MM 8 TOR 2L @ 150 C/C
C2 C3 C4 C6 C9 C13 C17 C19 C22 C24 C26	450 X 250	12 NOS. - 16 MM 6 NOS. - 12 MM 8 TOR 2L @ 150 C/C	6 NOS. - 16 MM 6 NOS. - 12 MM 8 TOR 2L @ 150 C/C
C7 C8 C10 C12 C14 C21 C25	450 X 250	6 NOS. - 20 MM 6 NOS. - 16 MM 8 TOR 2L @ 150 C/C	12 NOS. - 16 MM 8 TOR 2L @ 150 C/C
C11 C15 C18	450 X 250	12 NOS. - 20 MM	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:-426/ 724 (L.R.), J.L.NO:-227, K.H.NO:-3969 MOUZA:- ADHURYABANDH. UNDER BANKURA MUNICIPALITY, P.S.+ DIST:- BANKURA.

NAME OF OWNER :- PATNERS OF NARAYANI HOMES
1. SRI SOUMITRA MUKHERJEE
2. SRI SBYASACHI CHATTERJEE
3. SRI BISWANATH DEY

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 MORTER (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 Fe500 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..

JAYANTA MAJUMDAR
GEO TECH. ENGG. CLASS I
SIGN. OF GEO TECH. ENGG.

DAYAMAY BARAT
STRUCTURAL ENGG.- II
SIGN. OF STRUCTURAL ENGG.

SANJOY GHOSH
B. ARCHITECH.
SIGNATURE OF ARCHITECH.

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	1. ALL DIMENSION ARE IN MM. 2. ALL OUTER WALL - 200 MM 3. ALL INNER WALL - 125 & 75 4. GRADE OF CONCRETE - M20 Fe 500 5. SCALE - 1 : 100
D1	1800X2100	W1	1800X1200	
D2	1200X2100	W2	1500X1200	
D3	1050X2100	W3	1200X1200	
D4	900X2100	W4	900X1200	
D5	750X2100	W5	750X600	
		W6	750X1200	
		W7	600X600	

SHEET NO

