

SCHEDULE OF FOUNDATION BEAMS

BEAM MKD.	SIZE	REINFORCEMENT			
		CANTILEVER	SPAN	CONT. SUPP.	STIRRIPS
FB	600 x 900	TOP	6-16 ϕ	6-16 ϕ	6-16 ϕ
		BOTT.	6-20 ϕ	6-20 ϕ	4L-10 ϕ @ 125 C/C

FOUNDATION RAFT REINFORCEMENT SCHEDULE

MKD.	SPACING	RE MARKS	
		LONGITUDINAL TOP	LONGITUDINAL BOTTOM
a	12 TOR @ 150C/C	12 TOR @ 150C/C	TRANSVERSE TOP
b	12 TOR @ 90C/C	12 TOR @ 150C/C	TRANSVERSE BOTTOM
c	12 TOR @ 150C/C	12 TOR @ 150C/C	TRANSVERSE TOP
d	16 TOR @ 100C/C	12 TOR @ 150C/C	TRANSVERSE BOTTOM

SCHEDULE OF COLUMN

COLUMN MKD.	LINK	3RD FLOOR LVL. TO ROOF LVL.	
		FOUNDATION TO 3RD FLOOR LVL.	3RD FLOOR LVL. TO ROOF LVL.
C1	10 @ 150 c/c (REST PORTION)	10 @ 150 c/c	10 @ 150 c/c
C2	10 @ 150 c/c (REST PORTION)	10 @ 150 c/c	10 @ 150 c/c
C3	10 @ 150 c/c (REST PORTION)	10 @ 150 c/c	10 @ 150 c/c
C4	10 @ 150 c/c (REST PORTION)	10 @ 150 c/c	10 @ 150 c/c

SCHEDULE OF FLOOR SLABS

SLAB MKD.	THICKNESS (mm)	REINFORCEMENT	
		ALONG SHORTER DIRECTION (MAIN B/F)	ALONG LONGER DIRECTION (DICT. B/F)
S1	150	10 @ 125 C/C	10 @ 125 C/C
S2	150	10 @ 125 C/C	10 @ 125 C/C

SCHEDULE OF TIE BEAM

BEAM MKD.	SECTION	SUPPORT R/F		SPAN R/F	
		TOP	BOTTOM	TOP	BOTTOM
TB1	300 X 500	3-16	3-16	3-16	3-16
TB2	300 X 450	3-16	3-16	3-16	3-16
TB3	300 X 400	3-16	3-16	3-16	3-16
TB4	250 X 375	3-16	3-16	3-16	3-16
TB5	250 X 300	4-16	4-16	4-16	4-16
TB6	300 X 500	4-16	4-16	4-16	4-16
TB7	300 X 450	4-16	4-16	4-16	4-16

SCHEDULE OF TYPICAL FLOOR BEAM

BEAM MKD.	SECTION	SUPPORT R/F		SPAN R/F	
		TOP	BOTTOM	TOP	BOTTOM
B1	300 X 450	4-16	4-16	4-16	4-16
B2	300 X 450	4-16	4-16	4-16	4-16
B3	300 X 450	4-16	4-16	4-16	4-16
B4	300 X 450	4-16	4-16	4-16	4-16
B4c	300 X 450	4-16	4-16	4-16	4-16
B5	300 X 500	4-16	4-16	4-16	4-16
B6	300 X 500	4-16	4-16	4-16	4-16
B7	250 X 375	4-16	4-16	4-16	4-16
B8	300 X 400	4-16	4-16	4-16	4-16
B9	250 X 300	4-16	4-16	4-16	4-16

SCHEDULE OF TYPICAL FLOOR BEAM

BEAM MKD.	SECTION	SUPPORT R/F		SPAN R/F	
		TOP	BOTTOM	TOP	BOTTOM
B1	300 X 450	4-16	4-16	4-16	4-16
B2	300 X 450	4-16	4-16	4-16	4-16
B3	300 X 450	4-16	4-16	4-16	4-16
B4	300 X 450	4-16	4-16	4-16	4-16
B4c	300 X 450	4-16	4-16	4-16	4-16
B5	300 X 500	4-16	4-16	4-16	4-16
B6	300 X 500	4-16	4-16	4-16	4-16
B7	250 X 375	4-16	4-16	4-16	4-16
B8	300 X 400	4-16	4-16	4-16	4-16
B9	250 X 300	4-16	4-16	4-16	4-16

GENERAL NOTES:-
 1) ALL DIMENSIONS ARE IN MM UNLESS NOTED OTHERWISE.
 2) STRUCTURAL CONC SHALL BE OF GRADE M-25 FOR FOUNDATION, COLUMN, BEAM, SLAB ETC.
 3) ALL LEAN CONC SHALL BE OF CEMENT CONC OF MIX 1:3:6 UNLESS NOTED OTHERWISE.
 4) ALL REINFORCEMENT SHALL CONFORM TO IS:1786-1973.
 5) ALL REINFORCEMENT SHALL BE OF THICKNESS AS PER IS:1786-1973.
 6) REST ALL FLOOR WITH AAC BLOCK (5.51-6.50 kv/m) THK-100MM ONLY, +15MM OUTER PLASTER + 10MM (INNER PLASTER) + 125MM WALL THK.
 7) ALL CLEAR COVER TO MAIN REINFORCEMENT SHALL BE 40MM FOR COLUMN, 30MM FOR BEAM, 20MM FOR SLAB & 50MM FOR FOOTING.
 8) ALL RCC DESIGN IS DONE FOLLOWING IS:456:2000 IS:13920:2016 IS:875 (PART 1, 2 & 3) & AAC BLOCK DESIGN ACC TO IS:2185(PART 3).
 SCHEDULE OF DOORS & WINDOWS:-
 D1:- SINGLE LEAF FULLY PANELLED 1050 X 2100
 D2:- SINGLE LEAF FULLY PANELLED 900 X 2100
 D3:- HOLLOW CORE FLUSH 750 X 2100
 D4:- SINGLE LEAF FULLY PANELLED 1050 X 2100
 D5:- SLIDING GLAZED PATIO PANELLED DOOR 1500 X 1350
 W1:- FULLY GLAZED WINDOW 1500 X 1000
 W2:- BATHROOM SLIDING SLASH WINDOW 750 X 500
 W3:- BATHROOM SLIDING SLASH WINDOW 1200 X 1000
 F1:- FIXED FRONTED GLASS 4027X27 SQM
 F2:- FIXED FRONTED GLASS 15.00 M

REINFORCEMENT DETAILS:
 1) ALL R.C.C. WORK TO BE FOLLOWED BY M 25 CONCRETE (DESIGN CRITERIA AS PER IS:456:2000) AND STEEL OF Fe 500 GRADE.
 2) COVER SHOULD BE FOLLOWED AS PER IS:456:2000.
 3) DUCTILE DETAILING AS PER IS: 1920: 2016
 **4.00M IS DETONATED AS GL.

OWNER'S SIGNATURE:
 Smt. LAXMI CHOWDHURY
 W/O-Lt. NIRENDRA NARAYAN CHOWDHURY AT WEST KHAGRABARI NEAR HOTEL SARABAREE P.S: PUNDIBARI, P.O: KHAGRABARI DIST: COOCH BEHAR WITHIN COOCHBEHAR ZILLA PARISHAD.

DECLARATION OF ENGINEER:-
 I HEREBY DECLARE THAT THE ABOVE MENTIONED DRAWINGS AND SPECIFICATIONS ARE PREPARED BY ME OR UNDER MY CLOSE SUPERVISION AND TO THE BEST OF MY KNOWLEDGE AND BELIEF THEY COMPLY WITH ALL THE REQUIREMENTS OF THE APPLICABLE CODES AND STANDARDS AND I AM NOT PROVIDING ANY GUARANTEE FOR THE STRUCTURE BEING BUILT THEREON.
 SUBHAJYOTI DATTA
 CIVIL ENGINEER
 REG. NO. R.S. 968 & L.E. 927
 DIST. COOCH BEHAR

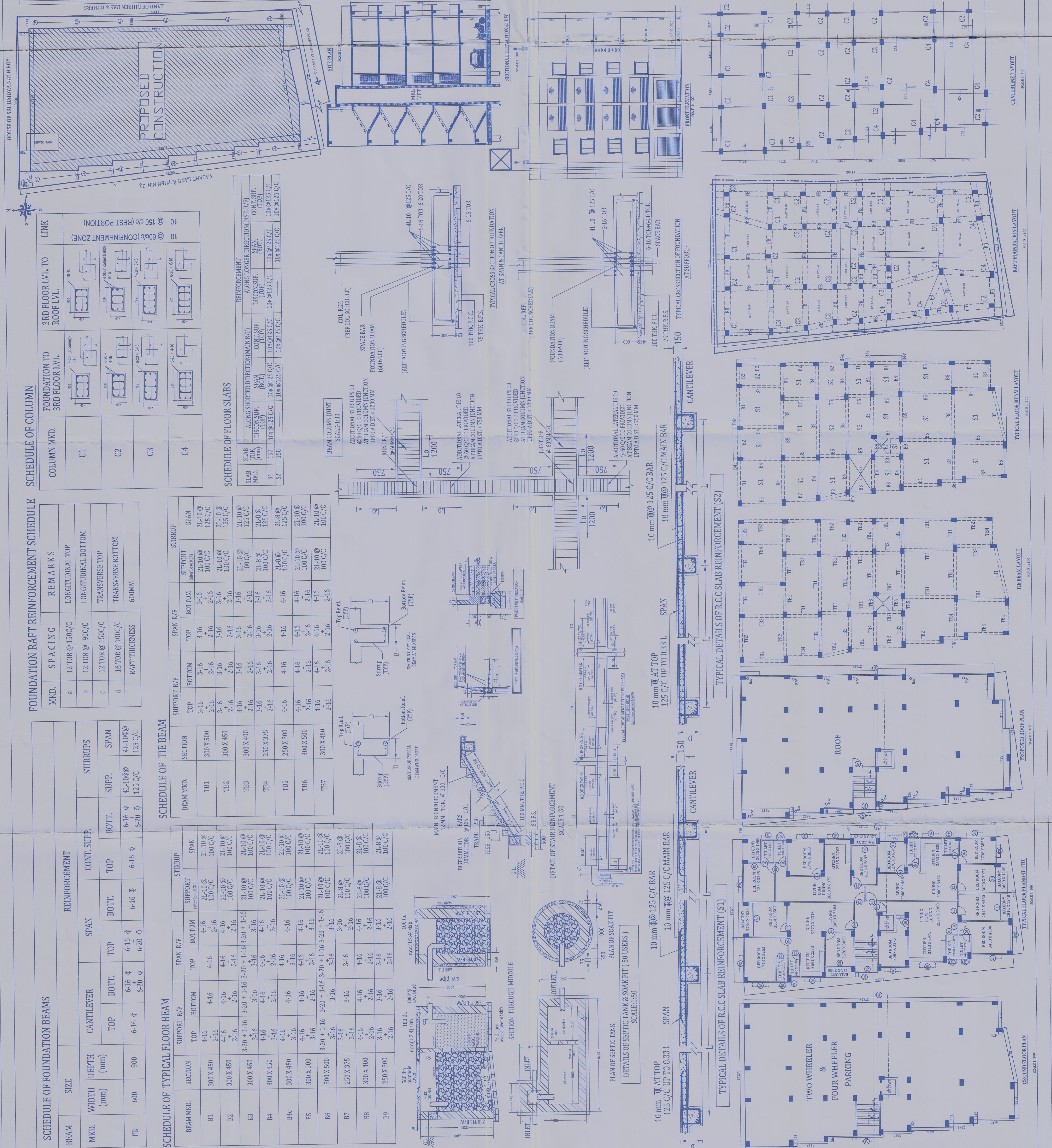
PROPOSED PLAN FOR THE CONSTRUCTION OF RESIDENTIAL BUILDING OF G+4
 Smt. LAXMI CHOWDHURY
 W/O-Lt. NIRENDRA NARAYAN CHOWDHURY AT WEST KHAGRABARI NEAR HOTEL SARABAREE P.S: PUNDIBARI, P.O: KHAGRABARI DIST: COOCH BEHAR WITHIN COOCHBEHAR ZILLA PARISHAD.

PARTICULARS OF THE PROPOSED LAND:-
 TYPE:- BUSTY
 AREA:- 610 ACRE
 MUTATION NO:- R.S. 968 & L.E. 927
 P.S:- PUNDIBARI (NEAR HOTEL SARABAREE)
 DIST:- COOCH BEHAR

OWNERS SIGNATURE:
 Smt. Laxmi Chowdhury

DECLARATION OF ENGINEER:-
 I HEREBY DECLARE THAT THE ABOVE MENTIONED DRAWINGS AND SPECIFICATIONS ARE PREPARED BY ME OR UNDER MY CLOSE SUPERVISION AND TO THE BEST OF MY KNOWLEDGE AND BELIEF THEY COMPLY WITH ALL THE REQUIREMENTS OF THE APPLICABLE CODES AND STANDARDS AND I AM NOT PROVIDING ANY GUARANTEE FOR THE STRUCTURE BEING BUILT THEREON.
 SUBHAJYOTI DATTA
 CIVIL ENGINEER
 REG. NO. R.S. 968 & L.E. 927
 DIST. COOCH BEHAR

CHECKED BY:-
 APPROVED BY:-



21/11/20
 District Engineer
 Cooch Behar Zilla Parishad
 Cooch Behar

Sub-Assistant Engineer
 Cooch Behar Zilla Parishad
 Cooch Behar