



SCHEDULE OF RAFT FOUNDATION		MAIN REINFORCEMENT			
MKD	THK	SHORTER DIRECTION		LONGER DIRECTION	
		TOP & BOT.	TOP & BOT.	TOP & BOT.	TOP & BOT.
RAFT	400	12# @ 150C/C	12# @ 150C/C	12# @ 150C/C	12# @ 150C/C

SCHEDULE OF ISOLATED DROP FOUNDATION		MAIN REINFORCEMENT			
FOOT. MKD	COLUMN MKD.	SHORTER		LONGER	
		TOP & BOT.	TOP & BOT.	TOP & BOT.	TOP & BOT.
F1	C12, C15 & LIFT	2625x4425	2575x910	16# @ 150C/C	16# @ 150C/C
F2	REST	2000x2000	2575x910	16# @ 150C/C	16# @ 150C/C

COLUMN MKD.	SIZE	MAIN REINFORCEMENT				LATERAL TIES	SKETCH
		UP TO 3RD FLOOR	4TH FLOOR	5TH FLOOR	6TH FLOOR		
ALL	300x300	14-25F	8-25F+6-20F	14-20F	14-20F	4L# @ 100C/C 4L# @ 200C/C 4L# @ 200C/C 4L# @ 200C/C	

BEAM MKD.	W	D	MAIN REINFORCEMENT				STIRRUPS				
			SUPPORT	SPAN	SPAN	SPAN	1ST RD	MIDDLE			
B1	250	350	3-16F	2-16F	3-16F	X	3-16F	X	3-16F	2-8# @ 100 C/C	2-8# @ 100 C/C
B2	250	400	3-16F	3-16F	3-16F	X	3-16F	X	3-16F	2-8# @ 100 C/C	2-8# @ 100 C/C
B3	250	450	3-16F	3-20F	3-16F	X	3-16F	X	3-16F	2-8# @ 100 C/C	2-8# @ 100 C/C
CB	250	450	3-16F	3-16F	3-16F	X	3-16F	X	3-16F	2-8# @ 100 C/C	2-8# @ 100 C/C

PANEL MKD.	THK	MAIN REINFORCEMENT				REMARKS
		SHORTER DIRECTION	SPAN	LONGER DIRECTION	SPAN	
S1	135	8# @ 150C/C	8# @ 150C/C	8# @ 150C/C	8# @ 150C/C	FLOOR SLAB
S2	125	8# @ 150C/C	8# @ 150C/C	8# @ 150C/C	8# @ 150C/C	FLOOR SLAB
ST	175	10# @ 150 C/C	10# @ 150 C/C	12# @ 100 C/C	12# @ 100 C/C	STAIR SLAB

THE PLAN SHOWING FOR PROPOSED 4TH, 5TH, 6TH, 7TH, 8TH, 9TH, & 10TH, FLOOR. OVER ALREADY SANCTIONED B+G+3 STORED RESIDENTIAL APARTMENT OF SMT. KRISHNA ROY CHOWDHURY (BASU), W/O- SRI SAMIR BASU, AT MOUZA - TANTIGERIA, J.L. NO.- 151, R.S. PLOT NO.- 233 (PART) & 234 (PART), L.R. PLOT NO.- 271 (PART) & 270 (PART), HOLDING NO.- 23, AT STREET - TANTIGERIA, WARD NO.- 04, P.S.- MEDINIPUR, DIST.- PASCHIM MEDINIPUR, UNDER MIDNAPORE MUNICIPALITY.

LEGAL REPRESENTATIVE EXECUTORS, ADMINISTRATOR & ASSIGNS IN FAVOUR OF M/S MODERN BUILDERS AT PRAGATI COMPLEX, OPP ZILA PARISHAD, MIDNAPORE, DIST.- PASCHIM MEDINIPUR, PROPRIETARY OF SRI ANKUR LODHA, S/O- LATE KAMAL KISHOR LODHA.

- NOTES/SPECIFICATION**
- ALL DIMENSIONS ARE IN MM. UNLESS OTHERWISE SPECIFIED.
 - ALL R.C.C. SHOULD BE M-20.
 - ALL R.C.C. ELEMENTS SHOULD BE M-20(1:2).
 - ALL REBARS USED SHOULD BE Fe-500 OR MORE.
 - COVERS SHOULD BE MAINTAINED AS BELOW.
 - A) FOUNDATION & UNDER GL.-75 MM. IN ALL FACES.
 - B) COLUMNS - 40 MM. IN ALL FACES.
 - C) BEAMS - 25 MM. IN ALL FACES.
 - D) SLAB - 15 MM. IN ALL FACES.
 - LAP LENGTH & DEVELOPMENT LENGTH SHOULD BE AS BELOW:
 - A) 50% DIA. OF BAR IN COMPRESSION & 60% DIA. OF BAR IN TENSION.
 - B) BAR BENDING & FINISH SHOULD BE CONFORMING TO IS 2502-1963.
 - BINDING WIRE MUST BE BLACK ANNEALED WIRES CONFORMING TO IS 280.
 - C.C. CONCRETE BEARS SHOULD BE LAPPED & BARS SHOULD BE CLEAR FREE HEIGHT.
 - WATER SHOULD BE USED POTABLE.
 - ALL EXTERNAL AND INTERNAL INFILLS ARE IN:
 - A) TRADITIONAL RED BRICKS.
 - B) AAC BLOCKS.
 - C) CONCRETE HOLLOW BLOCKS.
 - THE WHOLE STRUCTURAL DESIGN IS DONE CONSIDERING ALL POSSIBLE LOADS AS PER IS 456-2000 AND ALSO CONSIDERING AVAILABLE SOIL INVESTIGATION REPORT.
 - DEPTH OF FOUNDATION -
 - A) AS AVAILABLE.
 - B) PILE FOUNDATION RECOMMENDED.
 - DEVIATION IN STRUCTURAL PLAN & DESIGN SHOULD NOT BE DONE WITHOUT PRIOR PERMISSION FROM CONCERNED STRUCTURAL ENGINEER.
 - REVISIONS SHALL BE FOR PROPER COMPARISON OF CONCRETE AND CURING SHALL BE DONE PROPERLY. OTHERWISE NO RESPONSIBILITY WILL BE UPON CONCERNED STRUCTURAL ENGINEER'S. OTHER THAN REVISIONS WILL BE UPON CONCERNED STRUCTURAL ENGINEER'S.
 - 175mm BEAM COLUMNS JOINT TOP BARS SHOULD BE EMBEDDED IN COLUMN TO A LENGTH OF 50 D.
 - WHEN TWO BEAMS MEET AT A COLUMN LOCATION ALONG THE SAME LINE THE HIGHER REINFORCEMENT AT THE JOINT SHALL BE CONTINUED UP TO AT LEAST 1.5 TIMES THE CANTILEVER SPAN WITHIN THE ADJACENT SLAB.

CERTIFICATE OF OWNER:
 CERTIFIED THAT I/WE SHALL NOT ON LATER DATE MAKE ANY ADDITION OR ALTERATION TO THIS PLAN. CERTIFIED THAT I/WE HAVE GONE THROUGH THE BUILDING RULES AND REGULATION OF THE MEDINIPUR MUNICIPALITY AND ALSO ABIDE THOSE RULES DURING AND AFTER CONSTRUCTION OF THE BUILDING. AND ALSO DECLARE THAT I/WE WILL BE ABSOLUTELY RESPONSIBLE FOR ANY KIND OF DEVIATION AND FOR THAT I/WE WILL BE HELD ENTIRELY RESPONSIBLE AND ACCEPT TO TAKE ANY PENAL ACTION TAKING BY THE MUNICIPAL AUTHORITY.

SIG. OF OWNER
 MODERN BUILDERS
 Proprietor

CERTIFICATE OF STRUCTURAL ENGINEER
 CERTIFIED THAT, THE PLAN HAS BEEN DESIGNED & DRAWN UP STRICTLY ACCORDING TO THE W.B. MUNICIPAL BUILDING RULES. THE FOUNDATION AND SUPER STRUCTURE OF THE BUILDING HAVE BEEN SO DESIGNED BY ME/US AS TO BE SAFE IN ALL RESPECT INCLUDING THE CONSIDERATION OF THE BEARING CAPACITY & SETTLEMENT OF SOIL.

SIG. OF STRUCTURAL ENG.
 S. Choudhury
 Sub Ass. Engineer
 Midnapore Municipality

CERTIFICATE OF L.B.S.
 CERTIFIED WITH ALL RESPONSIBILITY THAT THE BUILDING PLAN HAS BEEN DRAWN UP AS PER WEST BENGAL MUNICIPAL BUILDING RULES AND AS AMENDED FROM TIME TO TIME AND THAT THE SITE CONDITIONS AND INCLUDING TO THE ABUTTING ROADS AND COMMON PASSAGE CONFORM WITH THE PLAN AND THAT IT IS A BUILDING SITE AND NOT A TANK OR FENCED UP TANK.

SIG. OF ARCHITECT
 AR. PATRAI PAL,
 CA/93/18012
 L.B.A.-KMC

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DATE	SCALE	DRAWN BY	SHEET NO.
25-1-2022	1:10, 1:25, 1:100	TULI DUTTA	1/1

