

PROPOSED PLAN FOR (G + III)
STORIED RESIDENTIAL BUILDING OF B.L.
SURYADITYA-1 AT MOUZA - DHALUA,
J.L. NO. 43, PART OF R.S. DAG NO. 237
R.S. KHATIAN - NOS. 25 & 220, L.R.
DAG NO. 248, L.R. KHATIAN NO.4152,
WARD NO.2, HOLDING NO. 2152, P.S.
SONARPUR, DIST. 24 PARGANAS (SOUTH)
UNDER RAJPUR SONARPUR MUNICIPALITY

- NOTES:
- ALL DIMENSIONS ARE IN MM. & LEVELS ARE IN M. U.N.O.
 - GRADE OF REINFORCEMENT IS F4500.
 - GRADE OF CONCRETE IS M25.
 - LAP/BONDS LENGTH SHALL BE 50X'D WHERE D IS THE DIA OF SMALLER BAR.
 - CLEAR COVER TO REINFORCEMENT:-
 - A. PILE/PILECAP= 50 mm
 - B. COLUMN & TIE BEAM = 40 mm
 - C. FLOOR BEAM = 25 mm
 - D. FLOOR SLAB = 20 mm
 - E. WAIST SLAB = 20 mm
 - SPECIAL NOTES FOR PILES:-
 - SLUMP FOR CONCRETE SHALL BE 150 TO 180.
 - MAXIMUM W/C RATIO IS 0.5.
 - MINIMUM CEMENT CONTENT IS 400KG/CUM OF CONCRETE.
 - CUTTING SHALL BE DONE BY AUGER METHOD.
 - ROLLER TYPE COVER BLOCK IS TO BE USED.
 - SPECIFIC GRAVITY OF BENTONITE SLURRY AFTER WASH SHALL BE 1.1-1.2.
 - PILE TO BE TESTED IN ACCORDANCE WITH IS 2911 PART-1

SIGNATURE OF OWNER

CONSTITUTED ATTORNEY OF
Pijush Majumder
Madhusudan Pramanik
Madhusudan Pramanik

SIGNATURE OF E.B.S.

THE LAND MEASUREMENT IS TAKEN BY ME. LAND MEASUREMENT & ADJUSTMENT ROADS ARE ALL MARKED.

Soumen Dey
SOUMEN DEY
E. B. S. No. 102 (Class-1)
Registered Building
Planner of R. S. Municipality
Mobile - 9831310892
Res. - Near Ural Post Office

SIGNATURE OF E.S.E.

THE STRUCTURE DESIGNED & DRAWING OF BOTH MADE BY CONSIDERING ALL POSSIBLE LOADS INCLUDING THE SEISMIC LOADS AS PER NATIONAL BUILDING CODE OF INDIA AND CERTIFIED IT IS SAFE AND STABLE IN ALL RESPECT.

Samiran Mukherjee
SAMIRAN MUKHERJEE
B.C.E.
E. S. E. NO. 57
A-28 AYABAGAN, GARIA
KOLKATA-700 084

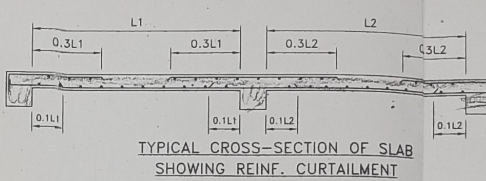
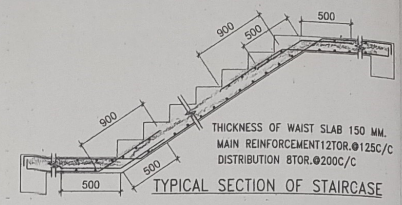
SIGNATURE OF G.T.E.

Rupak Kumar Banerjee
RUPAK KUMAR BANERJEE
B.C.E., M.E., MIES
M.I.E. CHARTERED ENGINEER
ENLISTED GEO TECHNICAL ENGINEER (R.M.C.)
G.T./J(K.M.C), LM-4279
M-153879-5
GTER-HIDCO/09/0014
019/RP/SONG/172014-15

OFFICE USE ONLY

Structural plan as submitted by the structural Engineer have been kept with record of the Rajpur Sonarpur Municipality without Verification No. for record of the submitting structural plan should be made at the time of erection without submitting fresh structural plan at any time. Design calculation and stability certificate in the prescribed form necessary steps should be taken for the safety of the adjoining premises public properties and safety of human life during Construction.

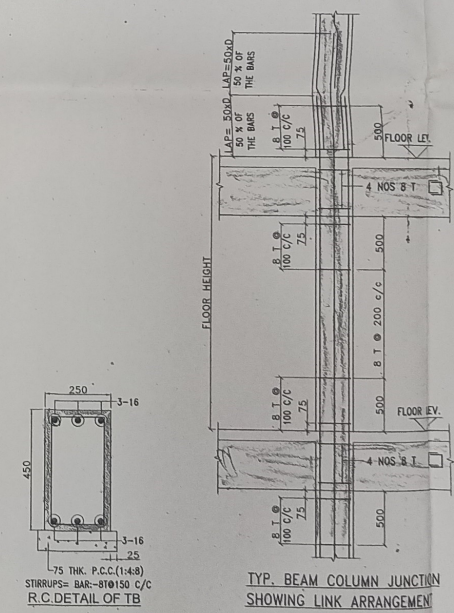
Signature
Sig. of Assistant Engineer
Incharge P.W.D.
RAJPUR SONARPUR MUNICIPALITY



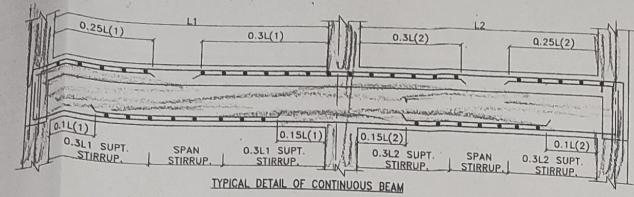
SLAB SCHEDULE

SLAB MKD.	SLAB THK.	SHORTER SPAN		LONGER SPAN	
		SUPPORT TOP	MID SPAN BOT	SUPPORT TOP	MID SPAN BOT
S1	110	8TØ150c/c	8TØ150c/c	8TØ175c/c	8TØ200c/c
S2	125	8TØ125c/c	8TØ150c/c	8TØ150c/c	8TØ200c/c
CS	125	10TØ100C/C	8TØ200c/c	10TØ100C/C	8TØ200c/c

PROVIDE 8TØ200C/C WHEREVER NECESSARY



COLUMN NO.	COLUMN SIZE	FOUNDATION TO 1ST FLOOR	1ST. FLOOR TO 3RD FLOOR	3RD. FLOOR TO ROOF.
C12	250X750	10-16T	8-16T+2-12T	8-16T+2-11T
C17	250X725	10-16T	8-16T+2-12T	8-16T+2-11T
C1	250x650	8-16T	4-16T+4-12T	4-16T+4-11T
C3	250x550	8-16T	4-16T+4-12T	4-16T+4-11T
C2,C4,C5,C6,C8,C9,C11,C14,C15,C18,C19,C20,C21,C22,C23	300x400	8-16T	4-16T+4-12T	4-16T+4-11T
C13	300X450	8-16T	4-16T+4-12T	4-16T+4-11T
C10	350X400	8-16T+2-12T	4-16T+4-12T+2-12T	4-16T+4-11T+2-12T
C7,C16	300X525	8-16T	4-16T+4-12T	4-16T+4-11T



BEAM SCHEDULE

BEAM MKD	SIZE (IN mm)	AT SUPPORT		AT SPAN		STIRRUPS	
		TOP	BOT	TOP	BOT	SUPPORT	SPAN
B1	250x450	4-16T	2-16T	2-16T	2-16T	2L-8TØ100C/C	2L-8TØ200C/C
B2	250x550	6-16T	3-16T	3-16T	5-16T	2L-10TØ100C/C	2L-10TØ200C/C
B3	200x450	4-16T	2-16T	2-16T	2-16T	2L-8TØ100C/C	2L-8TØ200C/C
SB	200x450	2-16T	2-16T	2-16T	4-16T	2L-8TØ200C/C	2L-8TØ200C/C

SCHEDULE OF COLUMN FOOTINGS

FOUN. MKD.	L	B	D1	D2	LONG BAR	SHORT BAR
F1	2000	2000	150	200	10TØ125C/C	10TØ125C/C
F2	2200	2200	150	250	10TØ125C/C	10TØ125C/C
F3	2400	2400	150	275	12TØ150C/C	12TØ150C/C
F4	2500	2500	150	300	12TØ125C/C	12TØ125C/C
F5	2600	2600	150	300	12TØ125C/C	12TØ125C/C
F6	3350	2700	150	350	12TØ100C/C	12TØ125C/C

