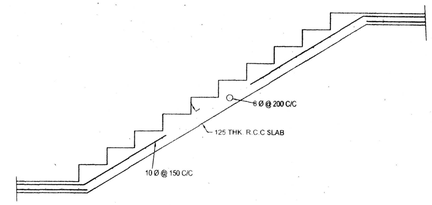
SCHEDULE OF R.C.C COLUMN

COL. MKD.	COLUMN SIZE (mm)	VERTICAL REINF.	LINKS
C1	250 X 400	4-16 Ø + 4-12 Ø	8 Ø @ 200 C/C
C2	250 X 400	8-16 Ø	8 Ø @ 200 C/C

SCHEDULE OF R.C.C BEAM

BEAM MKD.	BEAM SIZE	REINFORCEMENT		STIRRUPS
		AT SPAN	AT SUPPORT	
B_1	250 X 300	TOP 2-12 Ø BOTTOM 2-16 Ø + 1-16 Ø	TOP 2-12 Ø + 1-16 Ø BOTTOM 2-16 Ø	8 Ø 2L @ 200 C/C
B_2	250 X 350	TOP 2-16 Ø BOTTOM 2-16 Ø + 2-12 Ø	TOP 2-16 Ø + 2-12 Ø BOTTOM 2-16 Ø	8 Ø 2L @ 200 C/C
B_3 CANTI BEAM	250 X 350	TOP 2-16 Ø + 2-12 Ø BOTTOM 2-16 Ø ALTHROUGH		8 Ø 2L @ 200 C/C
TIE BEAM TB	250 X 350	TOP 3-12 Ø BOTTOM 3-12 Ø ALTHROUGH		8 Ø 2L @ 200 C/C



DETS. OF STAIR

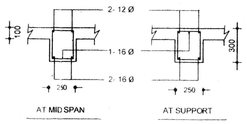
SCALE :- 1:25

SCHEDULE OF R.C.C COL. FOUNDATION

FOUDN. MKD.	FOOTING SIZE (mm)				REINFORCEMENT
	L	B	h	H	
F_1	1800	1800	200	200	12 Ø @ 150 C/C BOTHWAYS
F_2	2100	2100	200	200	12 Ø @ 150 C/C BOTHWAYS

SCHEDULE OF R.C.C SLAB

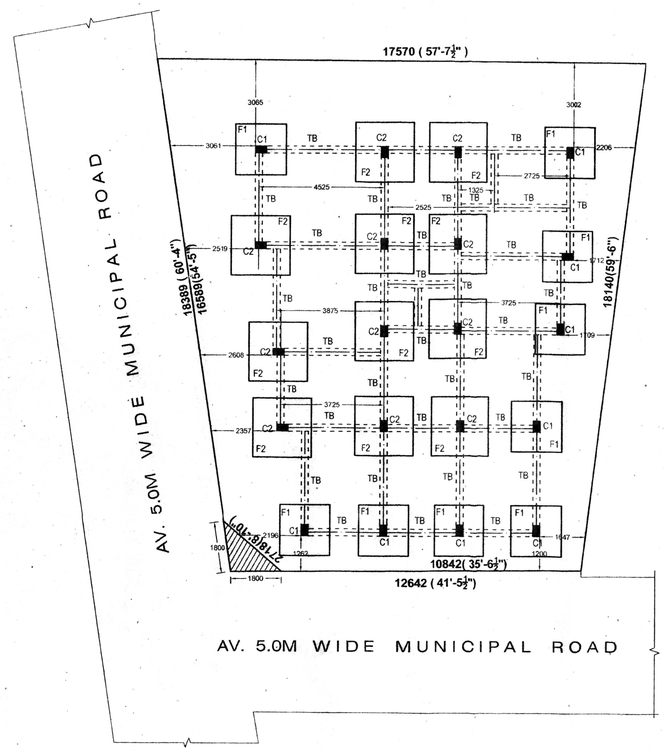
SLAB MKD.	THICKNESS (mm)	REINFORCEMENT
S_1	110	SHORTER SPAN 8 Ø @ 115 C/C LONGER SPAN 8 Ø @ 150 C/C
S_2	100	SHORTER SPAN 8 Ø @ 15015 C/C LONGER SPAN 8 Ø @ 180 C/C
S_3 STAIRCASE	125	MAIN BAR 10 Ø @ 150 C/C BINDER 8 Ø @ 200 C/C
S_4 CANTI SLAB	110 - 90	MAIN BAR (AT TOP) 10 Ø @ 150 C/C BINDER (AT BOTTOM) 8 Ø @ 200 C/C



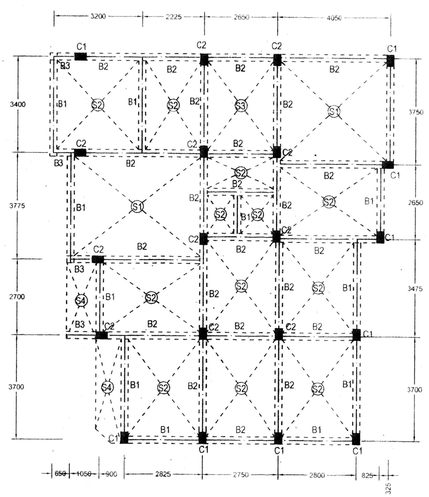
R.C.C BEAM (B_1)

SCALE :- 1:25

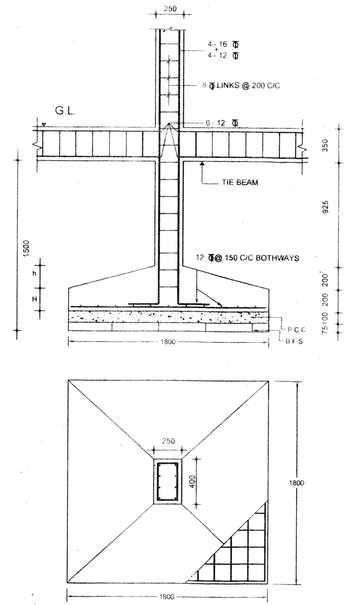
NORTH



FOUNDATION LAYOUT PLAN



SLAB & BEAM LAYOUT PLAN



R.C.C COL. (C1)

SCALE :- 1:25

STRUCTURAL LAYOUT PLAN OF A PROPOSED G+III STORIED RESIDENTIAL BUILDING AT DAG NO.:- 2244 (R.S.) & 2586(L.R.) KH. NO.:- 1485(R.S.) & 2807 (L.R.) J.L. NO.:- 37 MOUZA:- BAIKUNTHAPUR, P.S.:- SONARPUR, HOLDING NO.:- 66, JADAB SARKAR ROAD , WARD NO.:- 14, UNDER RAJPUR - SONARPUR MUNICIPALITY, DIST.:- 24 PGS (S) FOR *SMT. SASWATI SARKAR*

NOTES & SPECIFICATIONS | **SCALE :- 1:100**

- ALL DIMENSIONS ARE IN MM.
- WRITTEN DIMENSIONS TO BE FOLLED. (OTHERWISE MENTIONED)
- OUTER WALLS ARE 200 MM THK.
- PARTITION WALLS ARE 125 & 75 MM THK.
- GRADE OF CONCRETE = M 20
- GRADE OF STEEL = Fe 550

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

SASHI BHUSAN BASU
Empannelled Structural Engineer
of Rajpur-Sonarpur Municipality
Empanelled No. - 14/R.P.SONARPUR SE-II/2016-17

SIGNATURE OF E.S.E

SIGNATURE OF G.T.E.

Saswati Sarkar.

SIGNATURE OF OWNER

PREPARED BY :- SMT. SUMANA MANDAL
☎ :- 98301 60673

RAJPUR-SONARPUR MUNICIPALITY

Structural plan as submitted by the structural Engineer have been kept with Building Plan No. 5/03/14/38 Dated On: 29/09/2020 for record of the Rajpur-Sonarpur Municipality without Verification No. deviation from the submitting structural plan should be made at the time of erection without submitting fresh structural plan along with design calculation and stability certificate in the prescribed form necessary steps should be taken for the safety of the adjoining premises public private properties and safety of human life during Construction

29/9/2020

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