SCHEDULE OF ISOLATED FOOTING

FOOTING MKD	BASE SIZE	THICKNESS OF BASE SLAB AT: PEDESTAL FACE	THICKNESS OF BASE SLAB AT: EDGE	PEDESTAL SIZE AND REINFORCEMENT	BASE SLAB REINFORCEMENT	REMARKS
F1 [C1,C2,C3 C4,C8,C11 C12,C13, C16,C17 C18,C20]	2200 X 2200	400	200	450X500 3 NOS. 12T∏B/W FOR PEDESTAL MAIN REINFORCEMENT AND 8T2L@ 150 C/C AS LATERAL TIES	12T @ 175 C/C B/W	DEPTH OF FOOTING = 1500MM BELOW EXISTING GROUND LEVEL LAYING OVER P.C.C 75 TH AND S.B.F.S OVER A 200MM THICK CONFINED YELLOW SAND CUSHION
F2 [C5,C6, C14,C15 C19]	2400 X 2400	450	200	500X550 4 NOS. 12T∏B/W FOR PEDESTAL MAIN REINFORCEMENT AND 8T2L@ 150 C/C AS LATERAL TIES	12T @ 150 C/C B/W	
F3 [C7,C9, C10]	2600 X 2600	500	200	500X550 4 NOS. 12T∏B/W FOR PEDESTAL MAIN REINFORCEMENT AND 8T2L@ 150 C/C AS LATERAL TIES	12T @ 150 C/C B/W	

SCHEDULE OF BEAM

BEAM MKD	BEAM SIZE	REINF. AT SUPPORT: TOP	REINF. AT SUPPORT: BOTTOM	REINF. AT SPAN: TOP	REINF. AT SPAN: BOTTOM	STIRRUPS
B1	250 X 300	2-12T + 1-16T	2-16T	2-12T	2-16T + 1-16T	8T 2L@ 175 C/C
B2	250 X 350	2-12T + 2-16T	2-16T	2-12T	2-16T + 2-16T	8T 2L@ 175C/C
B3 CANTILEVER BEAM	250 X 350-300	2-16T + 2-16T	3-16T	2-16T + 2-16T	3-16T	8T 2L@ 175 C/C
B4	250 X 350	2-16T + 2-16T	2-16T	2-16T	2-16T + 2-16T	8T 2 @ 175C/C
TB	250 X 350	2-12T + 1-16T	2-16T	2-12T	2-16T + 1-16T	8T 2L@ 175 C/C
TB1	250 X 350	2-12T + 2-16T	2-16T	2-12T	2-16T + 2-16T	8T 2L@ 175 C/C

SCHEDULE OF COLUMN

COLUMN MKD.	SIZE OF COLUMN	REINF. OF COLUMN	TIES
C1, C2, C3, C4, C8, C11,C13,C16,C17,C18, C19,C20	250 X 350	6-16T	8T @ 180 C/C
C5, C6, C7, C9, C10	250 X 400	8-16T + 2-12T	8T @ 180 C/C
C12, C14, C15	250 X 400	8-16T	8T @ 180 C/C

SCHEDULE OF SLAB

SLAB MKD.	SLAB THICK	LONGER REINFORCEMENT	SHORTER REINFORCEMENT
S1	110	8T @ 150 C/C	8T @ 150C/C
S2 CANTILEVER SLAB	110	8T @ 75 C/C	8T @ 75 C/C
S3 WAIST SLAB	125	10T @ 150 C/C	10T @ 150 C/C

NOTE ON BUILDING FOUNDATION:

NATURE OF FOUNDATION OF COLUMNS FOR PROPOSED G+III STORIED BUILDING HAVE ADOPT AS PER RECOMMENDATION OF GEOTECHNICAL REPORET SUBMITTED BY "TECHNO SOIL" GEOTECHNICAL CONSULTANTS OF GORKHARA, ARUNACHAL, SONARPUR, KOLKATA - 700 032, PH - 7686086030, AS WELL AS THEIR REPORT GIVING RECOMMENDATION ON TYPE OF FOUNDATION FOR DIFFERENT PARTS OF SITE COVERD UNDER B.H. NO. 1,2.

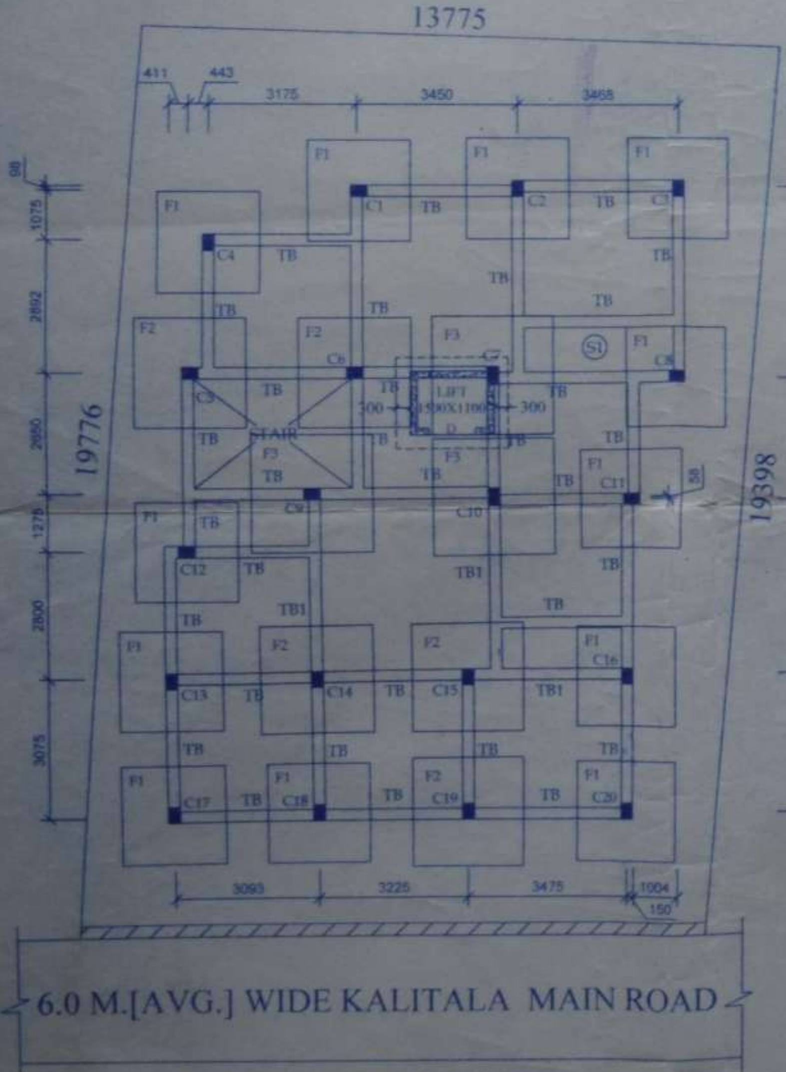
IN ACCORDACNE WITH THE RECOMMENDATION BEARING CAPACITY OF ISOLATED FOOTING VARIES FROM 10.4 T/SQ.M TO 8.8 T/SQ.M FOR A VARING SIZE OF 2.2M X 2.2M TO 2.6M X 2.6M.

CONSTRUCTION IN STAGE IS ALSO ADVISED.

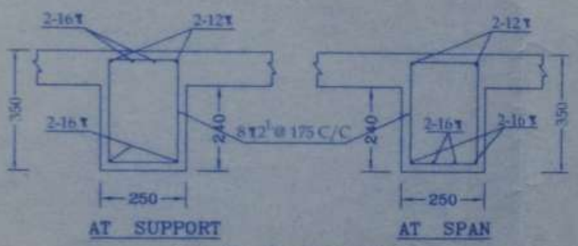
THE STRUCTURAL DRAWING DESIGN OF BOTH FOUNDATION SUPERSTRUCTURE HAVE BEEN MADE BY ME CONSIDERING ALL POSSIBLE LOAD INCLUDING SEISMIC LOAD AS PER N.B.C OF INDIA AND CERTIFY THAT IT IS SAFE AND STABLE IN ALL RESPECT.

SIT OF STR. ENGG.

SHOMENATH DAS
E. S. E. No—011
Rajpur-Sonarpur Municipality

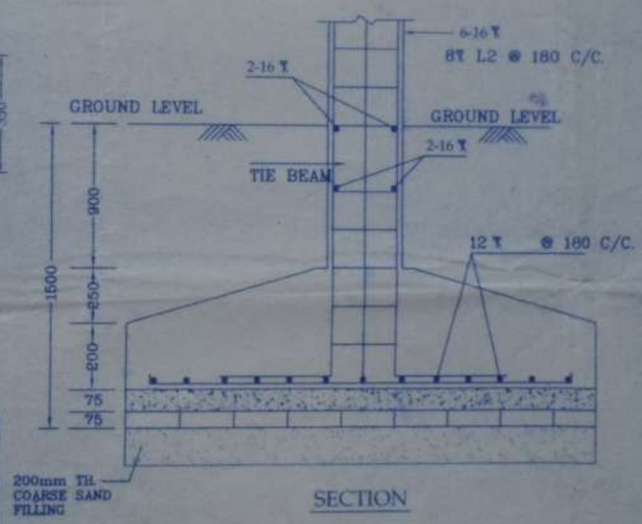


FOUNDATION LAYOUT PLAN

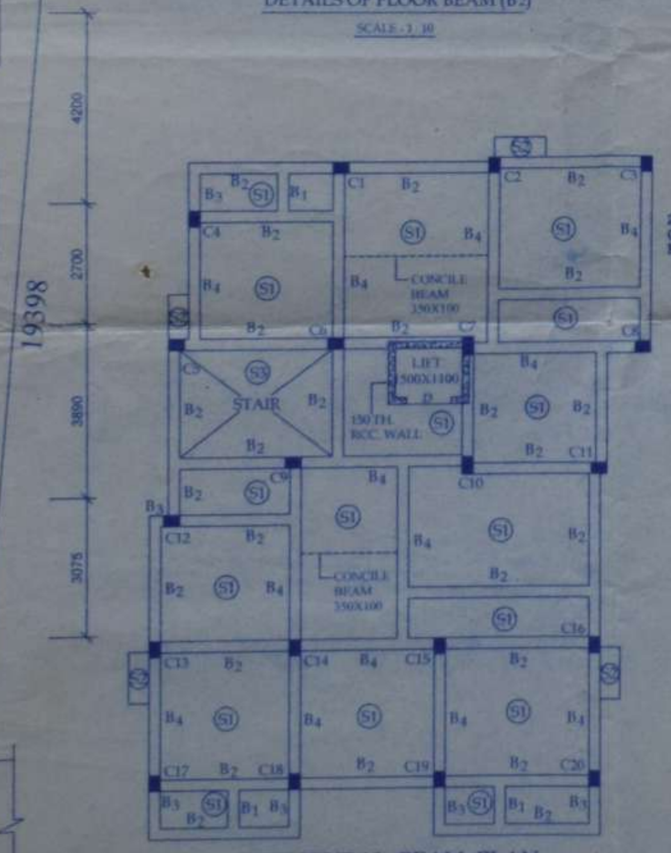


DETAILS OF FLOOR BEAM (B2)

SCALE - 1 : 10

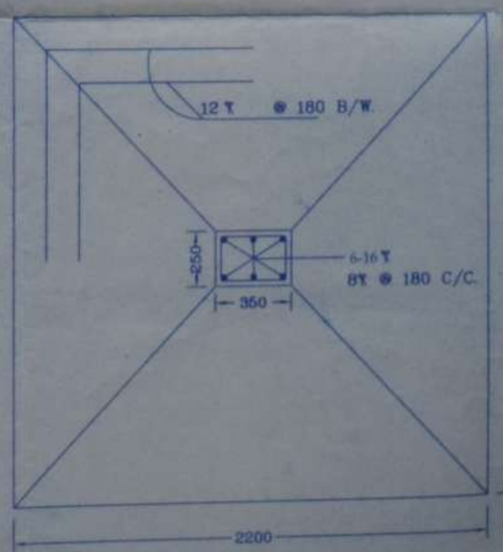


SECTION



STRUCTURAL BEAM PLAN

SCALE - 1 : 100



DETAILS OF COLUMN FOUNDATION

SPECIFICATIONS:
GRADE OF STEEL USED - Fe 415
GRADE OF CONCRETE USED - M-20
COVER TO CONCRETE USE: FOR FOUNDATION = 50MM
FOR COLUMN = 35MM; FOR BEAM = 25MM;
FOR SLAB = 20MM

STRUCTURAL PLAN FOR PROPOSED G+3 STORIED RESIDENTIAL BUILDING PLAN AT, MOUZA - LASKARPUR, J.L.NO - 57, L.O.P NO- 1814, C.S PLOT NO. - 358, HOLDING NO.- 79 KALITALA, WARD NO - 30, P.S - SONARPUR, DIST.- 24 PGS (SOUTH), UNDER : RAJPUR - SONARPUR MUNICIPALITY.
OWNER'S NAME : BIJOY ROY

ANIL CHANDRA GHOSH
As Constituted Attorney of
SRI BIJOY ROY

SIG OF OWNER

SHOME NATH DAS
E.B.S (CL-I) No.-82
Raj-Sor-Municipality

SIG OF E.B.A

RAJPUR-SONARPUR MUNICIPALITY ESTD-1876

Structural plan as submitted by the structural Engineer have been kept with Building Plan No.- 274/CB/30/8/ Dated On- 29/01/2018 for record of the ... without Verification No. deviation from ... submitted structural plan should be made at the time of erection without submitting fresh structural plan along with design calculation and stability ... necessary steps should be taken for the safety of the adjoining premises public private properties and safety of human life during Construction.

19/01/19

Sig. of Municipal Engineer.