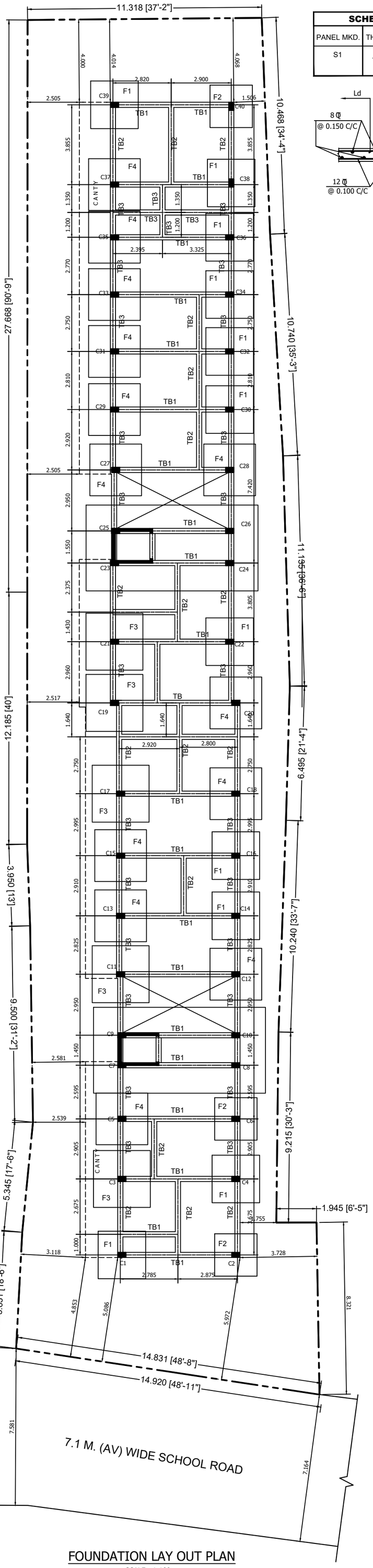
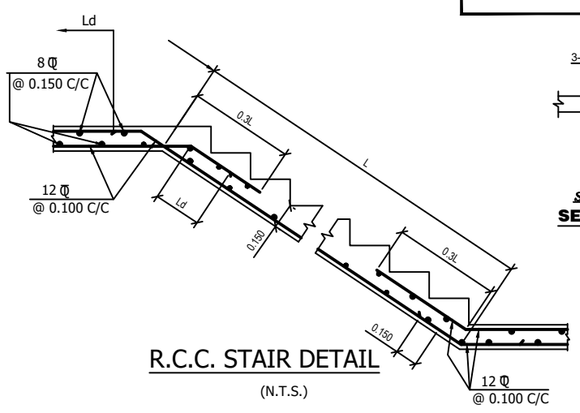
STUCTURAL PLAN OF (G + IV) STORIED RESIDENTIAL BUILDING OF KHAITAN CONSTRUCTION LLP,ROHIT KHAITAN, AYUSH KHAITAN, ANSHUL KHAITAN, ANITA KHAITAN,RADHA KHAITAN, PRITI KHAITAN,SANDHYA KHAITAN, COMPASS TRADELINK PRIVATE LIMITED,MICROGRAPH VINIMAY PRIVATE LIMITED,NIGHTANGLE TRADERS ORIVATE LIMITED,PIONEER NIWAS PRIVATE LIMITED,BANGABHUMI CONSTRUCTIONS PRIVATE LIMITED, BANGABHUMI REAL ESTATE PRIVATE LIMITED, GREENTOWN RETAILS PRIVATE LIMITED AT MOUZA- DHAMAITALA , J.L. NO.- 75; L.R. KHATIAN NO.- 1349,1350,1351,1352, 1353, 1354, 1355,1356,1357,1358,1359,1360,1361,1362,1363,1367; L.R. DAG NO.- 456,457,455 ;R.S. DAG NO.- 447,449,465 ; HOLDING NO.- 537;SCHOOL ROAD (JAGADDAL) ; WARD NO.- 25;P.S.- SONARPUR; DIST.- 24 PGS (S). UNDER RAJPUR - SONARPUR MUNICIPALITY;



FOUNDATION LAY OUT PLAN

SCALE - 1:100

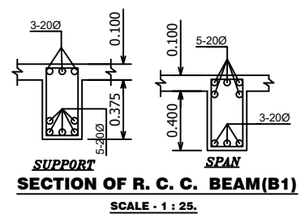
SCHEDULE OF R.C.C. SLAB		
PANEL MKD.	THK.(MM)	REINFORCEMENT
S1	110	8 Ø @ 0.150 C/C



R.C.C. STAIR DETAIL

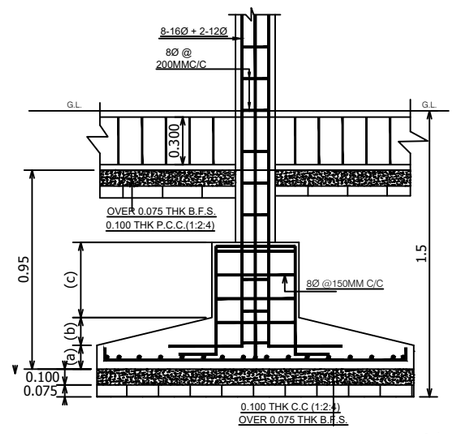
(N.T.S.)

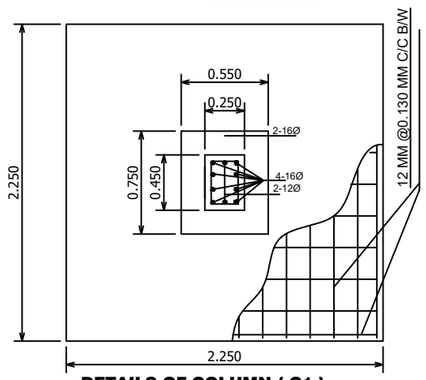
SCHEDULE OF LIFT WALL	
WALL THICKNESS(M)	REINFORCEMENT
0.15	10 Ø @ 0.150 C/C VERTICALLY ON BOTH FACES OF WALL. 10 Ø @ 0.175C/C HORIZONTALLY ON BOTH FACES OF WALL.



SECTION OF R. C. C. BEAM(B1)

SCALE - 1 : 25.





DETAILS OF COLUMN (C1) FOUNDATION (F1).

SCALE - 1 : 25.

GENERAL NOTES

1. ALL DIMENSIONS ARE IN METER UNLESS NOTED OTHERWISE
2. FIRST CLASS BRICKS SHALL BE USED FOR ALL 0.250 M / 0.200 M THICK OUTER WALLS IN CEMENT MORTER (1:6) AND 0.125 M / 0.075 M THICK INNER WALLS IN CEMENT MORTER (1:4)
3. H.B. WIRE NETTING SHOULD BE USED AT EVERY THIRD LAYER FOR 0.075 M THICK WALLS
4. GRADE OF CONCRETE : ORDINARY CEMENT CONCRETE MIX (1:1.5:3) WITH 20 MM DOWN GRADED STONE CHIPS
5. GRADE OF STEEL : Fe-510
6. LAP LENGTH & COVER TO REINFORCEMENT SHOULD CONFORM TO LATEST EDITION OF I.S.: 456
7. PLASTERING: OUTSIDE - 0.015 M THICK IN CEMENT MORTER (1:4) INSIDE - 0.020 M THICK IN CEMENT MORTER (1:6) FOR 0.250 TH. WALL 0.015 M THICK IN CEMENT MORTER (1:6) FOR 0.200 TH. WALL CEILING - 0.010 M THICK IN CEMENT MORTER (1:4)
8. DEPTH OF WATER RESERVOIR & SEPTIC TANK WILL NOT EXCEED THE DEPTH OF FOUNDATION

SCHEDULE OF R.C.C.COLUMN					PEDESTAL	
COLUMN MKD.	SIZE MXM	REINFORCEMENT. UPTO 2ND FLOOR	REINFORCEMENT. BEYOND 2ND FLOOR	STIRRUPS	SIZE m x m x m	STIRRUPS
C1,C2,C4,C6,C7, C8,C9,C10,C14, C16,C22 TO C26, C30,C32,C34, C36,C38,C39,C40.	0.25 X 0.45	8-16Ø + 2-12Ø	8-16Ø	8Ø 4L @ 0.200 C/C	0.55 X 0.75 X 0.200	8Ø @ 0.150 C/C ALROUND
C3,C5,C11,C12, C13,C15,C17 TO C21, C27,C28,C29, C31,C33,C35,C37.	0.25 X 0.5	12-16Ø + 2-12Ø	12-16Ø	8Ø 6L @ 0.200 C/C	0.55 X 0.8 X 0.200	

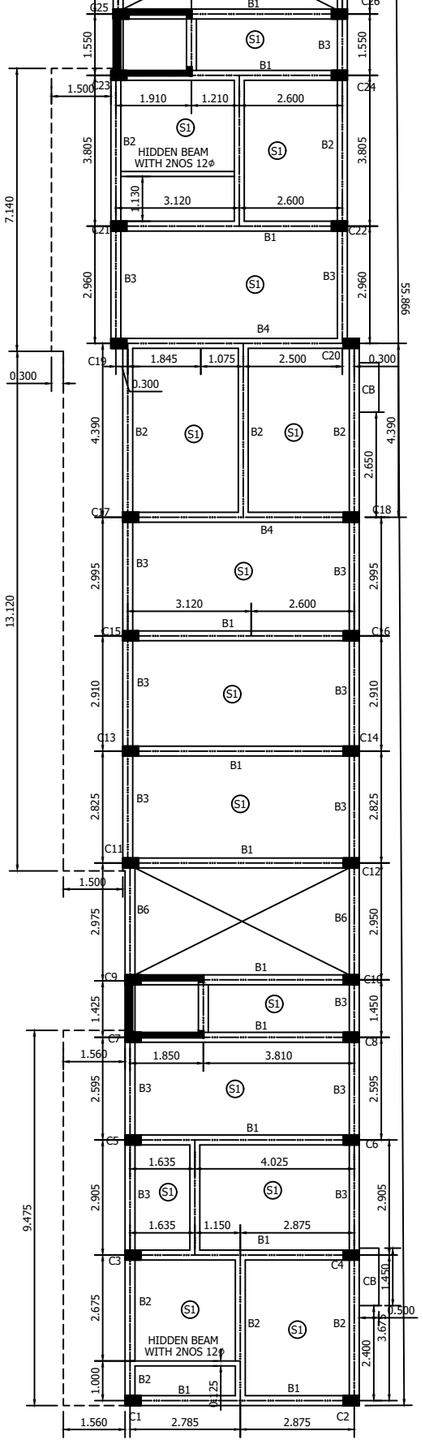
SCHEDULE OF FOUNDATION				
FDN. MKD.	UNDER COLM. MKD.	SIZE (m x m x m)	REINFORCEMENT.	DEPTH OF FDN. (m)
F1	C1,C4, C14,C16, C22, C30, C32, C34, C36, C38,C39.	2.3 X 2.3 (a - 0.175 , b - 0.175 c-0.200)	12 Ø @ 0.140 C/C (BOTHWAYS)	1.500
F2	C2, C6, C40.	2.05 X 2.05 (a - 0.175 , b - 0.175 c-0.200)	12 Ø @ 0.160 C/C (BOTHWAYS)	
F3	C3,C11, C17, C19, C21,	2.75 X 2.75 (a - 0.25 , b - 0.25 c-0.200)	12 Ø @ 0.125 C/C (BOTHWAYS)	
F4	C5,C12, C13,C15, C18, C20, C27,C28, C29, C31, C33,C35. C37.	2.5 X 2.5 (a - 0.225 , b - 0.225 c-0.200)	12 Ø @ 0.135 C/C (BOTHWAYS)	

SCHUEDULE OF LIFT FOUNDATION ALONG WITH COLUMN			
FDN. MKD.	UNDER COLM. MKD.	SIZE (m x m x m)	REINFORCEMENT.
F5	C7,C8, C9,C10 AND C23,C24,C25,C26	8.31 X 4.15 X 0.45	12 Ø @ 0.125 C/C (BOTHWAYS) IN BOTH LAYERS TOP & BOTTOM

SCHEDULE OF R.C.C. TIE BEAM								
BEAM	SIZE	MID SPAN TOP	MID SPAN BOTT.	CONTIOUS SUPPORT TOP	CONTIOUS SUPPORT BOTT.	END SUPPORT TOP	END SUPPORT BOTT.	STIRRUP
TB1	0.25 X 0.35	2-12Ø	2-12Ø + 2-12Ø EXTRA	2-12Ø + 2-12Ø EXTRA	2-12Ø	2-12Ø	2-12Ø	8 Ø 2L@ 0.150 C/C
TB2	0.25 X 0.3	2-12Ø	2-12Ø + 1-12Ø EXTRA	2-12Ø + 1-12Ø EXTRA	2-12Ø	2-12Ø	2-12Ø	
TB3	0.25 X 0.3	2-12Ø	2-12Ø	2-12Ø	2-12Ø	2-12Ø	2-12Ø	

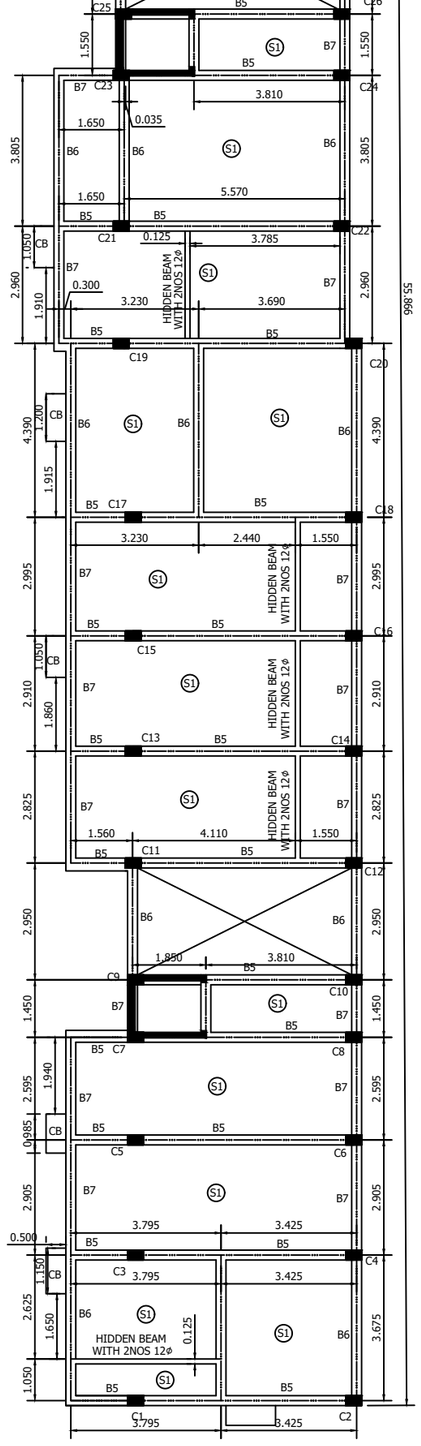
SCHEDULE OF R.C.C. FLOOR BEAM AT 1ST FL. LEVEL								
BEAM	SIZE	MID SPAN TOP	MID SPAN BOTT.	CONTINIOUS SUPPORT TOP	CONTINIOUS SUPPORT BOTT.	END SUPPORT TOP	END SUPPORT BOTT.	STIRRUP
B1	0.25 X 0.45	4-16Ø	4-16Ø + 4-16Ø EXTRA			4-16Ø	4-16Ø	8 Ø 2L@ 0.125 C/C
B2	0.25 X 0.35	2-12Ø	2-12Ø + 2-16Ø EXTRA	2-12Ø + 2-16Ø EXTRA	2-12Ø	2-12Ø	2-12Ø	8 Ø 2L@ 0.150 C/C
B3	0.25 X 0.30	2-12Ø	2-12Ø + 1-12Ø EXTRA	2-12Ø + 1-12Ø EXTRA	2-12Ø	2-12Ø	2-12Ø	
B4	0.25 X 0.50	3-20Ø	3-20Ø + 3-20Ø EXTRA			3-20Ø	3-20Ø	

SCHEDULE OF R.C.C. FLOOR BEAM AT 2ND TO 4TH FLOOR								
BEAM	SIZE	MID SPAN TOP	MID SPAN BOTT.	CONTINIOUS SUPPORT TOP	CONTINIOUS SUPPORT BOTT.	END SUPPORT TOP	END SUPPORT BOTT.	STIRRUP
B5	0.25 X 0.550	4-20Ø	4-20Ø + 4-20Ø EXTRA	4-20Ø + 4-20Ø EXTRA	4-20Ø	4-20Ø	4-20Ø	8 Ø 2L@ 0.150 C/C
B6	0.25 X 0.35	2-12Ø	2-12Ø + 2-16Ø EXTRA	2-12Ø + 2-16Ø EXTRA	2-12Ø	2-12Ø	2-12Ø	
B7	0.25 X 0.35	2-12Ø	2-12Ø + 1-12Ø EXTRA	2-12Ø + 1-12Ø EXTRA	2-12Ø	2-12Ø	2-12Ø	



1ST FLOOR BEAM PLAN

SCALE - 1:100



2ND TO 4TH FLOOR BEAM PLAN

SCALE - 1:100

DECLARATION OF E.S.E.

I HAVE CERTIFIED ON THE PLAN ITSELF WITH FULL RESPONSIBILITY THAT BUILDING RULES 1990 AS AMENDED FROM TIME TO TIME AND THAT THE SITE CONDITIONS INCLUDING THE ABUTTING ROAD CONFORM WITH THE PLAN AND THAT IT IS A BUILDABLE SITE AND NOT A TANK OR A FILLED UP LAND.

KALLOL KUMAR GHOSHAL
(L.B.S. NO.-019 / CLASS- I I)
RAJPUR SONARPUR MUNICIPALITY

NAME OF STRUCTURAL ENGINEER

DECLARATION OF L.B.S.

IT IS CERTIFIED THAT THE BUILDING PLAN HAS BEEN DRAWN UP AS PER PROVISION OF R.S.M. BUILDING RULES 2009 AS AMMENDED FROM TIME TO TIME & THAT THE SITE CONDITION INCLUDING THE WIDTH OF ABUTTING ROAD CONFORM WITH THE PLAN & THAT IT IS A BUILDABLE SITE & AS INFORMED BY THE OWNER NOT A TANK OR FILLED UP TANK.

TIYASI BASU
L.B.S. - (CLASS -I) / 252
RAJPUR SONARPUR MUNICIPALITY

NAME OF L.B.S.

DECLARATION OF GEOTECHNICAL ENGINEER:-
THE SOIL CONDITION AND BEARING CAPACITY IS CHECKED BY ME CONSIDERING ALL POSSIBLE LOADS AS PER THE NATIONALBUILDING CODE OF INDIA & CERTIFIED THAT IT IS SAFE & STABLE IN ALL RESPECT.

ALOK ROY
(GEO-TECH NO.- 008/ CLASS-I)
RAJPUR SONARPUR MUNICIPALITY

NAME OF GEO-TECH

SPACE FOR OFFICE USE