ARCHITECTURAL DRAWING SHEET - 1

PROJECT :

PROPOSED G+III STORIED RESIDENTIAL BUILDING PLAN AT MOUZA - DHALUA, J.L NO.- 43, R.S. DAG NO. - 226,L.R. DAG. NO. -237, R.S. KHATIAN NO.- 116, L.R. KHATIAN NO.- 340, WARD NO-02, HOLDING NO.- 219, P.S.- SONARPUR, UNDER RAJPUR SONARPUR MUNICIPALITY.

F.A.R STATEMENT :

AREA OF LAND (AS PER DEED) : 234.114 SQM.(3K - 08CH- 00 SFT.)
AREA OF LAND (AS PER PHY.) : 232.419 SQM.((3 K - 07 CH- 27 SFT.)
LAND AREA GIFTED TO ROAD : 25.295 SQM.
LAND AREA AFTER GIFT : 207.124 SQM.
PERMISSIBLE GROUND COVERAGE : (63.379%) : 147.305 SQ.M
PROPOSED GROUND COVERAGE : (50.957%) i.e. 118.433 SQ.M
PERMISSIBLE F.A.R. - 1.75
PERMISSIBLE HEIGHT OF BUILDING. : 12.500M.
PROPOSED HEIGHT OF BUILDING. : 12.500 M.
NO OF FLATS : 06 NOS.
TOTAL NO. OF PARKING PROVIDED : 2 NOS.
SERVICE AREA : 10.736 SQ.M

AREA CALCULATION

1	2	3	4		6	7	8	9		10		11	12
FLOOR	AREA (SQM)	STAIR AND LIFT WELL (SQM)	ACTUAL AREA WITHOUT STAIR WELL (SQM)	RESI. MANDATORY STAIR AREA (INSIDE)	LIFT LOBBY AREA (SQM)	AREA EXCLUDING LIFT/LIFT LOBBY/ STAIR (SQM)	COMMERCIAL AREA (SQM)	CAR PARKING AREA (SQM)		C.B. AREA (SQM)		ACTUAL AREA AFTER ALL DEDUCTION (SQM)	F.A.R
								PERM.	PROP.	PERM.	PROP.		
GROUND FLOOR	118.433	NIL	118.433	13.365	1.875	103.193	NIL	50.00	39.507	NIL	NIL	63.686	367.865 / 232.419 = 1.583
1ST FLOOR	118.433	1.800	116.633	13.365	1.875	101.393	NIL	NIL	NIL	3.499	2.450	101.393	
2ND. FLOOR	118.433	1.800	116.633	13.365	1.875	101.393	NIL	NIL	NIL	3.499	2.450	101.393	
3RD. FLOOR	118.433	1.800	116.633	13.365	1.875	101.393	NIL	NIL	NIL	3.499	2.450	101.393	
TOTAL	473.732	5.400	468.332	53.460	7.500	407.372	NIL	50.00	39.507	10.497	7.350	367.865	

TOTAL FLOOR AREA INCLUDING C.B. = 468.332 + 7.350 = 475.682 SQM.

DOOR & WINDOW SCHEDULE

MKD.	SIZE	MKD.	SIZE
C,G	1.100X2.100	W1	1.500X1.350
D1	1.100X2.100	W2	1.200X1.050
D2	0.900X2.100	W3	0.900X1.350
D3	0.800X2.100	W4	0.600X0.700
D4	0.750X2.100		
SD1	2.400X2.100		
SD2	2.275X2.100		

RESIDENTIAL PARKING CALCULATION:

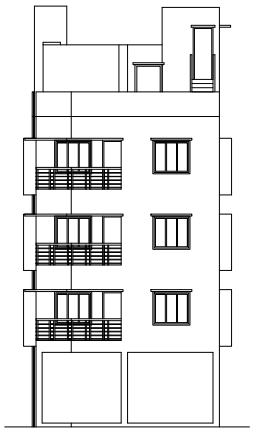
PARKING REQUIRED FOR RESIDENTIAL AREA = ACTUAL RESIDENTIAL AREA/250
(AS ALL THE FLATS ARE BELOW 60 SQM.)
(A+B)X3 = (40.575+57.530)X3
= 294.315/250 = 1.177 = 1 NO.
(FLAT A = 40.575SQM., FLAT B = 57.530 SQM.
TOTAL REQUIRED PARKING = 1 NO.
TOTAL PROVIDED PARKING = 2 NOS.
C.B. AREA = 7.350 SQM.(2.100%)
TOTAL FLOOR AREA EXCLUDING C.B. = 468.332 SQM.
TOTAL FLOOR AREA INCLUDING C.B. = 475.682 SQM.

NOTES

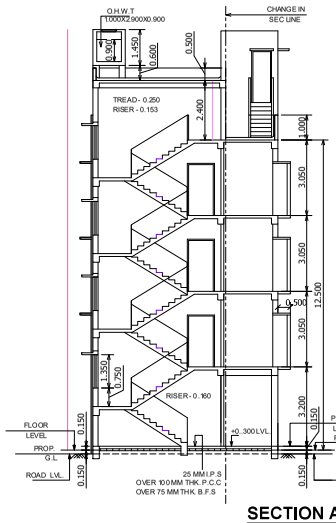
1. ALL DIMENSIONS ARE IN M. UNLESS OTHERWISE STATED.
2. ALL EXTERNAL WALLS ARE 0.200 TH. AND INTERNAL WALLS ARE 0.075 TH. IF NOT STATED OTHERWISE
3. SCALE - 1:1
4. DEPTH OF SEPTIC TANK AND SEMI U.G. WATER RESERVOIR WILL NOT EXCEED THE DEPTH OF BUILDING FOUNDATION
5. ALL SORTS OF PRECAUTIONARY MEASURE WILL BE TAKEN AT THE TIME OF CONSTRUCTION

SPECIFICATIONS

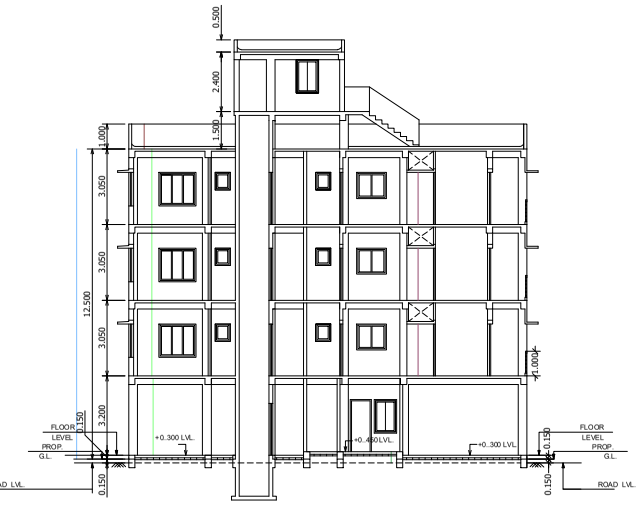
1. 0.075 TH. 1ST. CLASS BRICK SOLING IN FOUNDATION & FLOOR.
2. 0.150 TH. 1:3:6 (CEMENT.SAND & KHOA) CEMENT CONCRETE IN FOUNDATION & FLOOR.
3. FOUNDATION BRICK WORK WILL BE 1ST CLASS BRICK WITH 1:6 CEMENT MORTAR.
4. 0.125 TH. & 0.075 TH. PARTITION BRICK WORK WILL BE 1:5 CEMENT MORTAR.
5. 0.200TH. EXTERNAL WALLS WILL BE 1:6 CEMENT MORTAR.
6. 0.025 TH. D.P.C.WILL BE 1:2:4 WITH PROPER WATER PROOFING COMPOUND.
7. R.C.C. CONC. MIX WILL BE 1:1.5:3 CEMENT SAND & STONE CHIPS.
8. ROOF AND LIME TERRACING WILL BE 0.100 TH. WITH THEIR PROPER MATERIALS AND MIXING.
9. CEILING AND ALL R.C. PLASTER WILL BE 12mm. TH. 1:4 CEMENT MORTAR.
10. 25 MM. TH. MARBLE FLOORING.
11. GRADE OF CONCRETE M - 20.
12. ALL BUILDING MATERIALS WILL BE AS PER I.S. CODE & C.B.C. 1984.

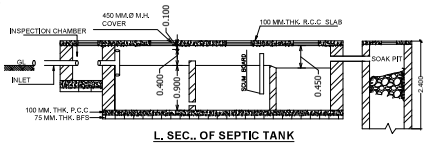


FRONT ELEVATION
Scale - 1:1

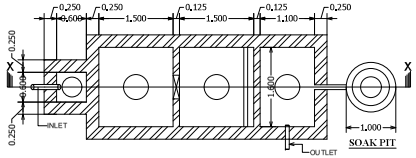


SECTION AT A-A
Scale - 1:1

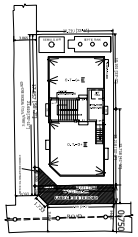




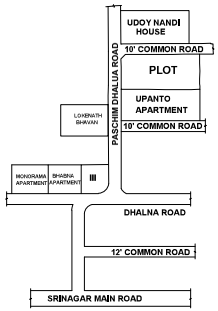
L. SEC.. OF SEPTIC TANK
SCALE - 1:0.50



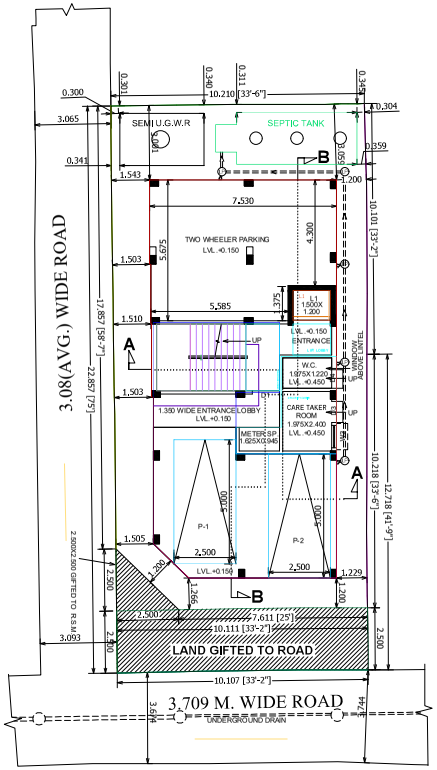
SEPTIC TANK
USERS- 30



SITE PLAN
SCALE - 1:0.300

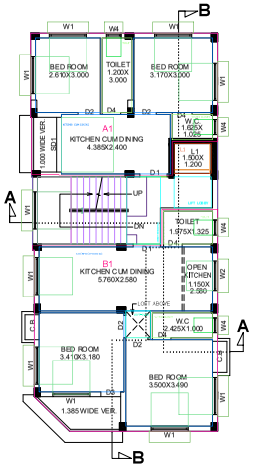


KEY PLAN
SCALE - N.T.S.



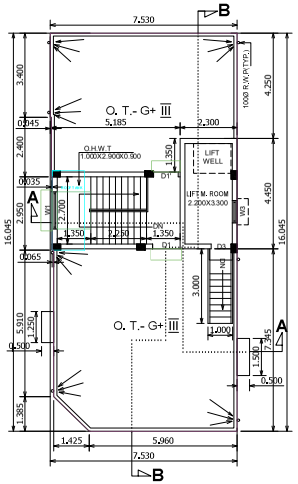
FLOOR- GROUND

GR. FLOOR PLAN
SCALE - 1:1

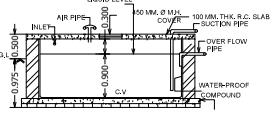


1ST, 2ND & 3RD FLOOR PLAN
Scale - 1:1

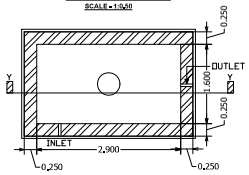
FLOOR01,FLOOR02,FLOOR03 -TYPICAL



ROOF PLAN
Scale - 1:1



SECTION - YY
SCALE - 1:0.50



DETAIL OF S.U.WATER RESERVOIR
CAPACITY :- 4176 LTRS
SCALE - 1:0.50

SANTOSH KUMAR CHAKRABORTY
NAME OF GEOTECHNICAL ENGINEER

KALPANA CHATTERJEE
NAME OF OWNER

CERTIFICATE OF STRUCTURAL ENGINEER :

THE STRUCTURAL DESIGN AND DRAWING OF BOTH FOUNDATION AND SUPER STRUCTURE OF THE BUILDING HAS BEEN MADE BY ME CONSIDERING ALL POSSIBLE LOADS INCLUDING THE SEISMIC LOAD AS PER NATIONAL BUILDING CODE OF INDIA AND CERTIFIED THAT IT IS SAFE AND STABLE IN ALL RESPECT.

PARTHA GHOSH
NAME OF E.B.S.E

DECLARATION OF E.B.S. CL-I:

CERTIFIED WITH FULL RESPONSIBILITY THAT THE BUILDING PLAN HAS BEEN DRAWN UP AS PER PROVISIONS OF RAJPUR SONARPUR MUNICIPALITY BUILDING RULE 1996 AS AMENDED FROM TIME TO TIME & SITE CONDITIONS INCLUDING THE WIDTH OF ROAD CONFORM WITH THE PLAN PLOT IS DEMARCATED BY BOUNDARY WALL & IT IS A BUILD ABLE, SITE NOT A TANK OR FILLED UP TANK.

PARTHA GHOSH
NAME OF E.B.S. CL-I

USED SCALE - 1:1, 1:0.50, 1:2.