ARCHITECTURAL DRAWING SHEET - 1

PROJECT :

PROPOSED G+IV STORIED RESIDENTIAL CUM COMMERCIAL BUILDING PLAN AT MOUZA - RAJPUR , LL NO. 55, R.S. KHATIAN NO - 2764, R.S. DAG NO.-942,L.R. KHATIAN NO -528 & 527, L.R. DAG NO.-942 WARD NO.-17, HOLDING NO.- 266, STREET - AGHORE SARANI, P.S.- SONARPUR,UNDER RAJPUR SONARPUR MUNICIPALITY.

F.A.R STATEMENT :

AREA OF LAND (AS PER DEED) : 946.552 SQM.(10 K = 2CH= 23 SFT)
AREA OF LAND (AS PER PH'q) : 933.305 SQM.(10 K = 15 CH= 96 SFT)

PERMISSIBLE GROUND COVERAGE : (50%) : 466.653 SQM
PROPOSED GROUND COVERAGE : (50%) i.e. 466.263 SQM
PERMISSIBLE F.A.R. - 2.75
PERMISSIBLE HEIGHT OF BUILDING : 46.0 M.
PROPOSED HEIGHT OF BUILDING : 15.5 M.
NO OF FLATS : 22 NOS.,
TOTAL NO. OF PARKING PROVIDED : 15 NOS.
SERVICE AREA : 56.216 SQM
COMMERCIAL AREA : 103.273 SQM

AREA CALCULATION

1	2	3	4	5	6	7	8	9	10		11		12	13
FLOOR	AREA (SQM)	DUCT (SQM)	LIFT WELL (SQM)	ACTUAL AREA (WITHOUT LIFT WELL) (SQM)	AREA (WITH LIFT WELL) (DEDN)	LIFT AREA (SQM)	STAIR EXCLUDING LIFT & LOBBY (SQM)	COMMERCIAL AREA (SQM)	CAR PARKING AREA (SQM)		C.A. AREA (SQM)		FUTURE PROPOSED (SQM)	F.A.R
									PERM.	PROP.	PERM.	PROP.		
GROUND FLOOR	497.305	31.464	NIL	466.502	13.770	2.261	450.471	103.273	375.00	212.250	NIL	NIL	238.221	2031.689 / 933.305 = 2.176
1ST FLOOR	497.305	31.464	2.104	464.398	13.770	2.261	448.367	NIL	NIL	NIL	13.932	11.421	448.367	
2ND. FLOOR	497.305	31.464	2.104	464.398	13.770	2.261	448.367	NIL	NIL	NIL	13.932	11.421	448.367	
3RD. FLOOR	497.305	31.464	2.104	464.398	13.770	2.261	448.367	NIL	NIL	NIL	13.932	11.421	448.367	
4TH. FLOOR	497.305	31.464	2.104	464.398	13.770	2.261	448.367	NIL	NIL	NIL	13.932	11.421	448.367	
TOTAL	2489.525	157.320	8.416	2324.094	68.850	11.305	2243.939	103.273	375.000	212.250	55.728	45.684	2031.689	

TOTAL FLOOR AREA INCLUDING C.B.
= 2324.094+45.584=2369.678 SQM.

RESIDENTIAL AREA:
(A1+B1+C1+D1+E1+F1+G1+H1)X4 =(48.756+48.078+37.784+55.768+37.882+56.123+60.333+7.364)X4 = 417.172X4 = 1668.688 SQM.

PARKING CALCULATION:

SL.NO	TYPE	AREA	REQUIRED PARKING	PERMISSIBLE	PROVIDED
1	RESIDENTIAL	1668.688	1668.688/120 =13.906=14	15 NOS.	15 NOS. (11 NOS. COVERED & 4 NOS. OPEN)
2	COMMERCIAL	103.273	UPTO 50SQM, 01NO AND REST AREA 53.273 SQM.=100 =0 NO		
	TOTAL		15 NOS.	375 SQM.	212.250 SQ.M.

C.B. AREA = 45.684 SQM.(2.459%)
TOTAL FLOOR AREA EXCLUDING C.B. = 2324.094 SQM.
TOTAL FLOOR AREA INCLUDING C.B. = 2369.778 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. 0.100TH. 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. CONG. 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.

BHASKAR JYOTI ROY
GTE CLASS I - 20
NAME OF GEOTECHNICAL ENGINEER

BANDANA AUDDY
SUBHOJIT AUDDY
NAME OF OWNERS

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.

ASHIM KUMAR DAS
ESE CLASS I - 072
NAME OF E.S.E

DECLARATION OF E.B.A :

CERTIFIED WITH FULL RESPONSIBILITY THAT THE BUILDING PLAN HAS BEEN DRAWN UP AS PER PROVISIONS OF RAJPUR SONARPUR MUNICIPALITY BUILDING RULE 1998 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.

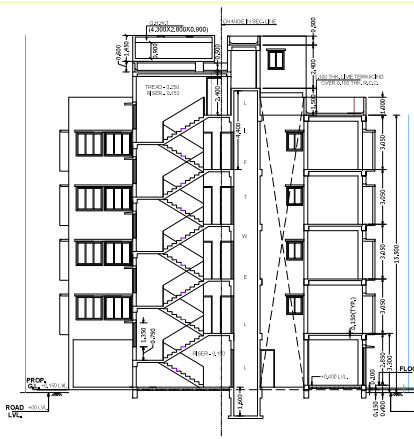
PIYALI GUHATHAKURTA
EBA 810
NAME OF E.B.A.

USED SCALE - 1:1, 1:250, 1:3,

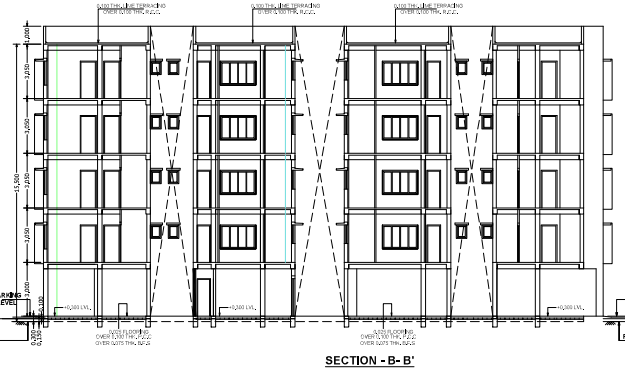
DOOR & WINDOW SCHEDULE

MARK	SIZE	MARK	SIZE	MARK	SIZE
C.B	1,000X2,100	W1	2,400X1,200	W6	0,600X1,200
D1	1,000X2,100	W2	2,000X1,200	W7	0,600X0,700
D2	0,800X2,100	W3	1,200X1,200		
D3	0,800X2,100	W4	1,200X1,200		
D4	0,750X2,100	W5	1,200X1,200		
		W5A	1,200X1,200		

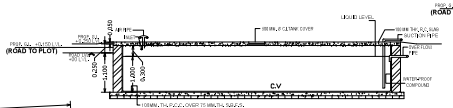
FRONT ELEVATION
Scale - 1:1



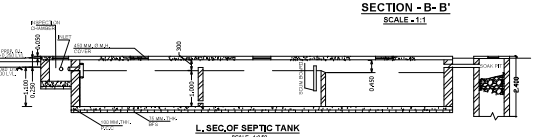
SECTION AT A-A
SCALE - 1:1



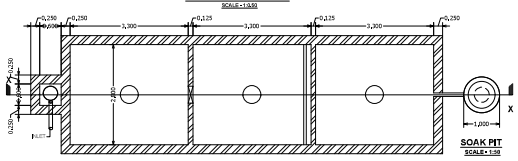
SECTION - B- B'
SCALE - 1:1



SECTION - YY
SCALE - 1:0.25



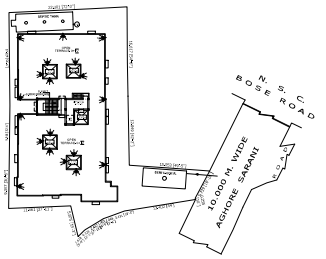
L, SEC.OF SEPTIC TANK
SCALE - 1:0.50



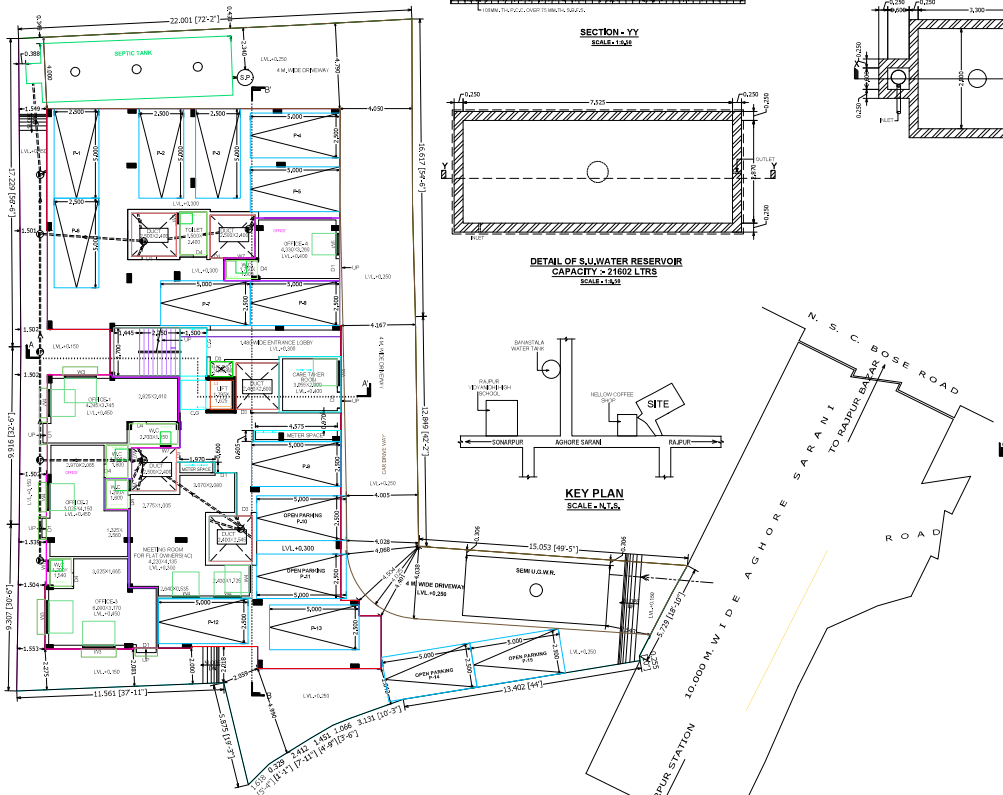
SEPTIC TANK
160 USER
SCALE - 1:0.50

SOAK PIT
SCALE - 1:50

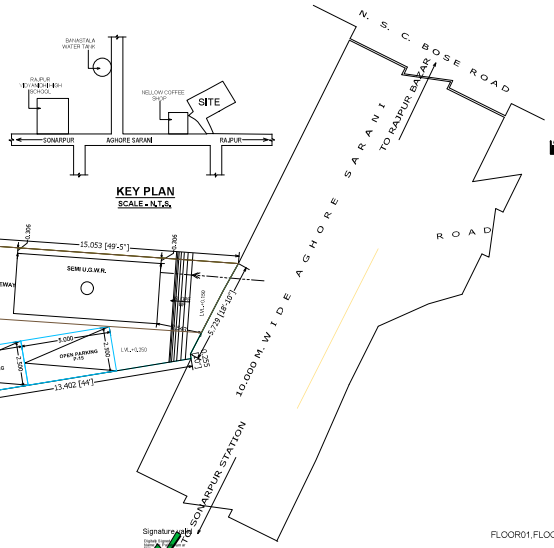
DETAIL OF S.U.WATER RESERVOIR
CAPACITY - 21602 LTRS
SCALE - 1:0.50



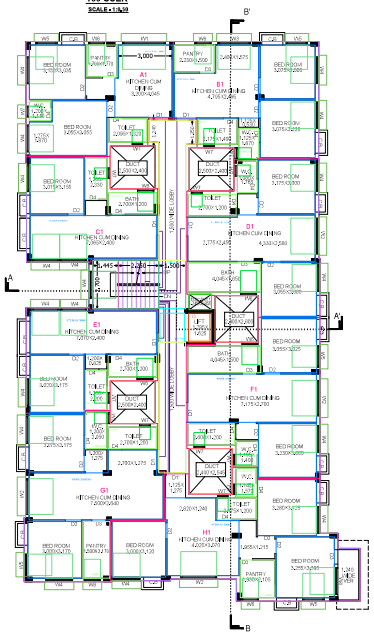
SITE PLAN
SCALE - 1:0.300



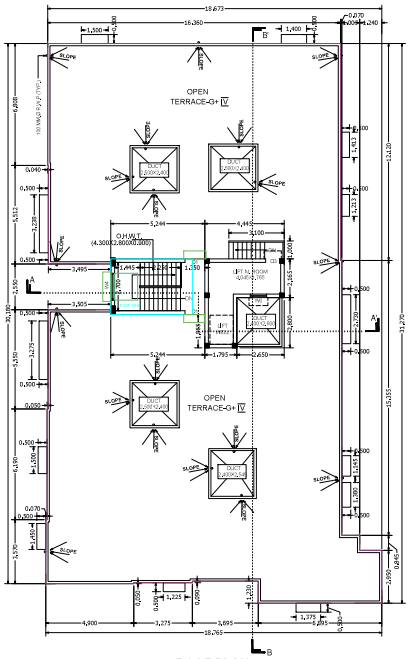
GROUND FLOOR PLAN
SCALE - 1:1



KEY PLAN
SCALE - N.T.S.



1ST , 2ND , 3RD, 4TH FLOOR PLAN
SCALE - 1:1



ROOF PLAN
SCALE - 1:1

FLOOR- GROUND

FLOOR01,FLOOR02,FLOOR03,FLOOR04 -TYPICAL