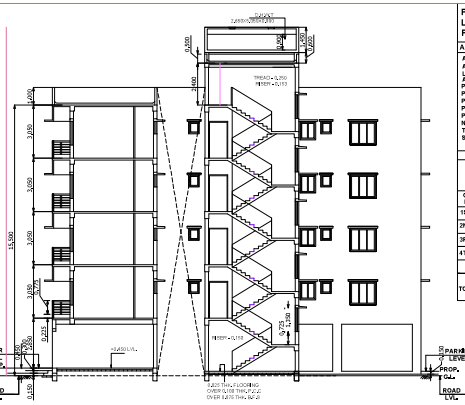
FRONT ELEVATION
SCALE - 1:1

SECTION AT A-A
SCALE - 1:1



SECTION AT B-B
SCALE - 1:1

PROPOSED G+IV STORIED RESIDENTIAL CUM COMMERCIAL BUILDING PLAN AT MOUZA - RAJPUR, J.L. NO- 55, L.R. KHATIAN NOS.- 4220, 4265 & 509, L.R. DAG NO - 2092, WARD - 16, ROAD - AGHORE SARANI, HOLDING NO. -178 , P.S. - SONARPUR, DIST-24 PGS. (S) UNDER RAJPUR SONARPUR MUNICIPALITY.

AREA STATEMENT:

AREA OF LAND (AS PER DEED) : 923.263 SQM.(13 K 12 CH.38 SQFT.
AREA OF LAND (AS PER PH.) : 923.263 SQM.(13 K 12 CH.38 SQFT.
LAND GIFTED FOR WIDENING OF ROAD=17.214 SQM.
AREA OF LAND AFTER GIFT=905.969 SQM.
PERMISSIBLE GROUND COVERAGE : (50%) : 451.572 SQ.M
PROPOSED GROUND COVERAGE : (65.99%) i.e. 481.227 SQ.M
PERMISSIBLE F.A.R. : 2.25
PERMISSIBLE HEIGHT OF BUILDING : 15.0 M.
PROPOSED HEIGHT OF BUILDING : 15.0 M.
NO OF FLATS : 28
TOTAL NO. OF PARKING PROVIDED : 16 NOS.
SERVICE AREA : 38.24 SQM.

AREA CALCULATION

1	2	3	4	5	6	7	8	9	10	11		12		13	14
FLOOR	AREA (SQM)	AREA OF DUCT (SQM)	ACTUAL AREA WITHOUT DUCT (SQM)	LIFT WELL (SQM)	ACTUAL AREA WITHOUT LIFT WELL (SQM)	RESI. MANDATORY STAIR AREA (INDEX)(SQM)	LIFT LOBBY AREA (SQM)	AREA EXCLUDING LIFT,LIFT LOBBY STAIR(SQM)	COMMERCIAL AREA (SQM)	CAR PARKING AREA (SQM)		C.B./LOFT AREA (SQM)		ACTUAL AREA AFTER ALL DEDUCTION (SQM)	F.A.R
										PERM.	PROP.	PERM.	PROP.		
GROUND FLOOR	476.740	5.113	461.627	NIL	461.627	13.365	2.126	446.136	186.424	400.00	164.214	NIL	NIL	281.922	
1ST FLOOR	476.740	5.113	461.627	2.126	459.501	13.365	2.126	444.010	NIL	NIL	NIL	13.785	6.752	444.010	2037.062
2ND. FLOOR	476.740	5.113	461.627	2.126	459.501	13.365	2.126	444.010	NIL	NIL	NIL	13.785	6.752	444.010	925.263 = 2.259
3RD. FLOOR	476.740	5.113	461.627	2.126	459.501	13.365	2.126	444.010	NIL	NIL	NIL	13.785	6.752	444.010	
4TH. FLOOR	476.740	5.113	461.627	2.126	459.501	13.365	2.126	444.010	NIL	NIL	NIL	13.785	6.752	444.010	
TOTAL	2383.700	25.565	2308.135	8.504	2299.631	66.825	10.630	2222.176	186.424	400.00	164.214	55.140	27.008	2037.062	

TOTAL FLOOR AREA INCLUDING C.B.= (2299.631+ 27.008) SQM.= 2326.639 SQM.

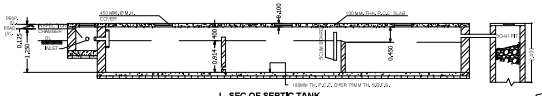
RESIDENTIAL AREA:

(A+B+C+D+E+F+G1+H1)X(3+A+B1+C1+D1+E1+F1+G1+H1) = (56.783+5.216+4.035+64.153 +72.235+62.492+72.235+62.492+5.216+5.216+62.492+72.235) = (427.363X3) = 427.363 = 1281.572 SQM.

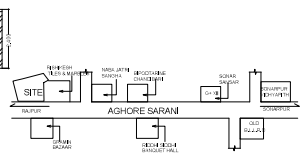
PARKING CALCULATION:

SL.NO	TYPE	AREA	REQUIRED PARKING	PERM-SIBLE	PROVIDED
1	RESIDENTIAL	1706.572	1706.572/120 =14.2=14	16 NOS.	16 NOS. (10 NOS. COVERED)
2	COMMERCIAL	186.424	UPTO 500SQM.1 ITNO AND REST AREA 186.424 SQM.=100 =1.86 NO		
	TOTAL		16 NOS.	400SQM	164.214 SQM

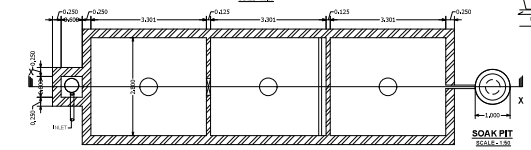
C.B. AREA = 27.008 SQM.(1.69%)
TOTAL FLOOR AREA EXCLUDING C.B. = 2299.631 SQM.
TOTAL FLOOR AREA INCLUDING C.B. = 2326.639 SQM.



L. SEC.OF SEPTIC TANK
SCALE - 1:50

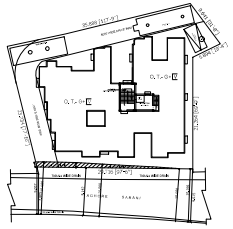


KEY PLAN
SCALE - N.T.S.

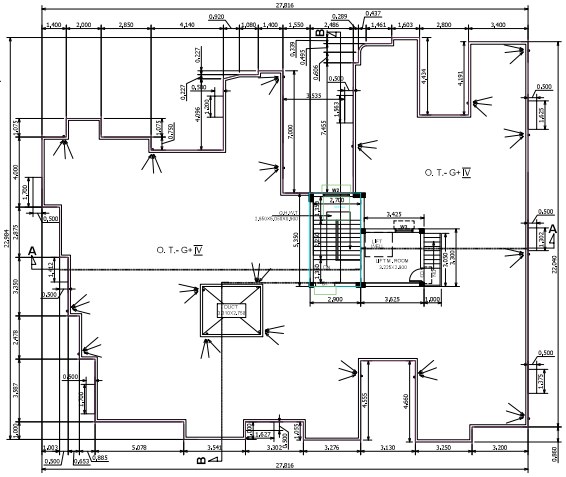


SOAK PIT
SCALE - 1:50

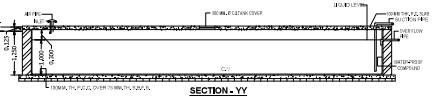
SEPTIC TANK
160 USER
SCALE - 1:50



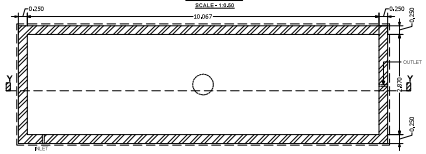
SITE PLAN
SCALE - 1:1000



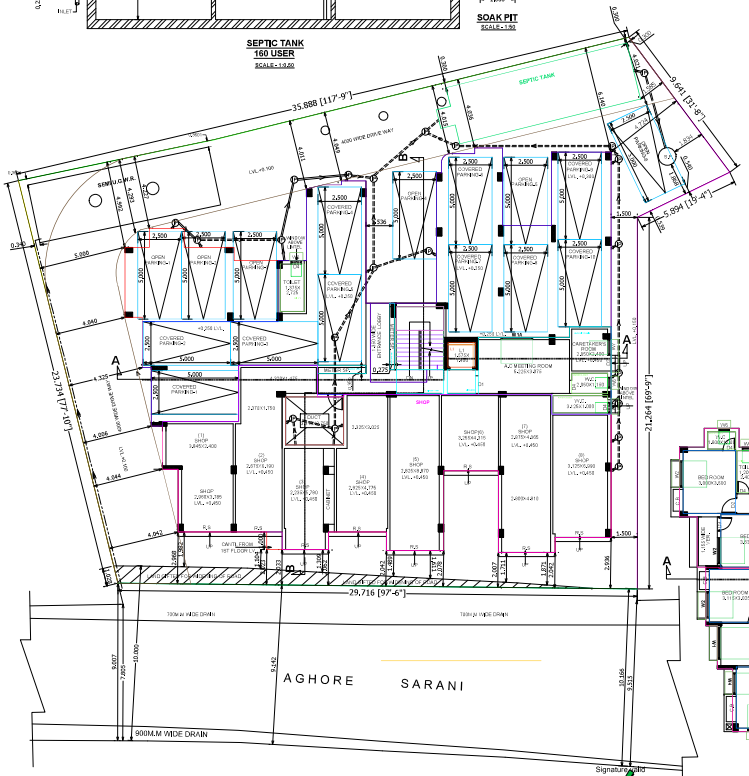
ROOF PLAN
Scale - 1:1



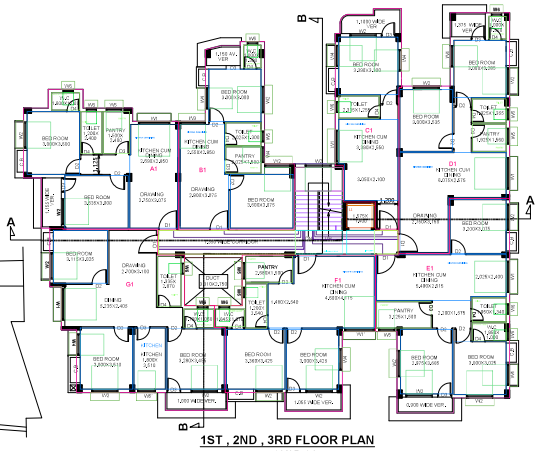
SECTION - YY
SCALE - 1:50



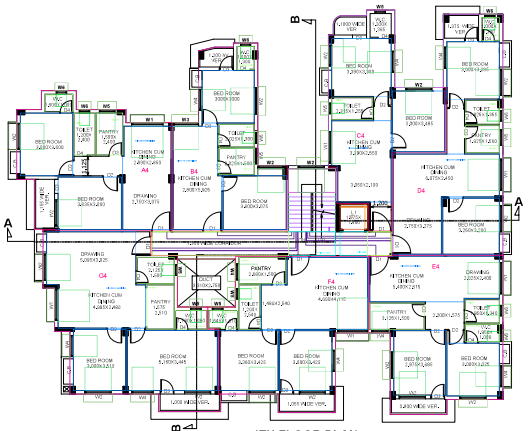
DETAIL OF S.U.WATER RESERVOIR
CAPACITY :- 28892 LTRS
SCALE - 1:50



GROUND FLOOR PLAN
FLOOR- GROUND



1ST , 2ND , 3RD FLOOR PLAN
SCALE - 1:1
FLOOR01,FLOOR02,FLOOR03 -TYPICAL



4TH FLOOR PLAN
SCALE - 1:1
FLOOR04

NOTES

1. ALL DIMENSIONS ARE IN M.
2. ALL EXTERNAL WALLS ARE 0.200 TH. AND INTERNAL WALLS ARE 0.075 TH. IF NOT STATED OTHERWISE
3. SCALE - 1:1
4. SAFE BEARING CAPACITY OF SOIL 7 MT/SQ.M. ASSUMED
5. DEPTH OF SEPTIC TANK AND SEMI U.G. WATER RESERVOIR WILL NOT EXCEED THE DEPTH OF BUILDING FOUNDATION
6. 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. 0.020 TH. DAMP PROOF 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 - 15.
12. ALL BUILDING MATERIALS WILL BE AS PER I.S. CODE & C.B.C. 1984.

DOOR & WINDOW SCHEDULE

MKD.	SIZE	MKD.	SIZE	MKD.	SIZE
D	1.200X2.100	W1	1.400X1.200	W7	0.900X1.050
D1	0.900X2.100	W1'	1.200X1.200		
D2	0.900X2.100	W2	1.200X1.200		
D3	0.900X2.100	W3	1.050X1.200		
D4	0.750X2.100	W4	1.200X1.200		
		W5	0.900X1.050		
		W5'	0.900X1.050		
		W6	0.900X0.700		

BHASKAR JYOTIROY
GTE-020
NAME OF GEOTECHNICAL ENGINEER

NITA CHATTERJEE
NITA CHAKRABORTY
SOMNATH HALDER
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-0172
NAME OF S.E.

DECLARATION OF ARCHITECT :

CERTIFIED WITH FULL RESPONSIBILITY THAT THE BUILDING PLAN HAS BEEN DRAWN UP AS PER PROVISIONS OF RAJPUR SONARPUR MUNICIPALITY BUILDING RULE 1986 AS AMENDED FROM TIME TO TIME & SITE CONDITIONS INCLUDING THE WIDTH OF ROAD CONFORM WITH THE PLAN. PLOT IS DEMARCATED BY BOUNDARY WALLS & IT IS A BUILD ABLE SITE NOT A TANK OR FILLED UP TANK.

PIYAL GUHA THAKURTA
EBA 819
NAME OF ARCHITECT

NOT TO SCALE - 1:50, 1:1, 1:1