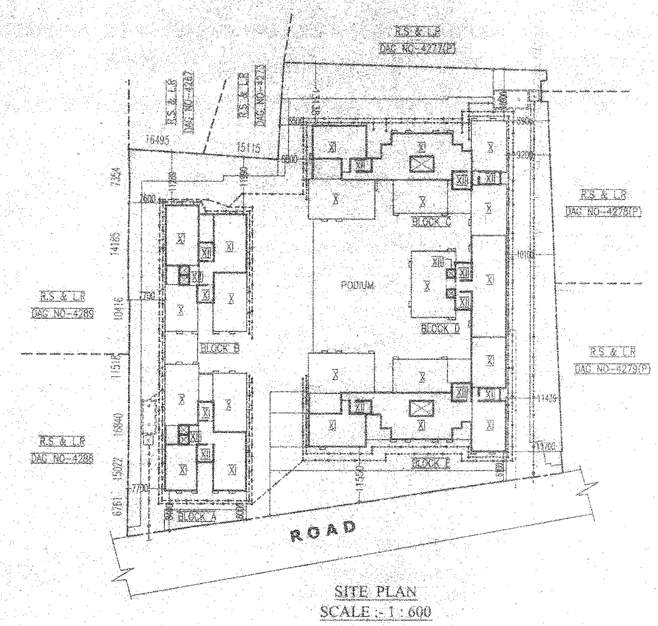
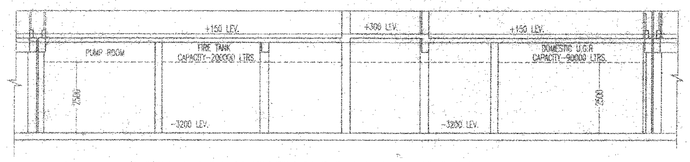
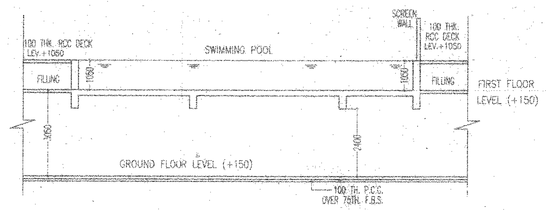


SITE PLAN
SCALE :- 1 : 600



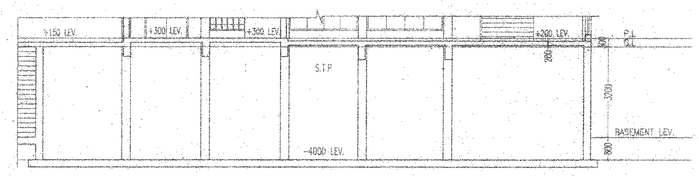
DETAIL OF DOMESTIC U.G.R & U.G.R FOR FIRE

SCALE-1:100



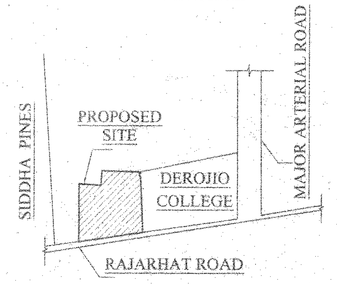
PART SECTION - GG FOR SWIMMING POOL

SCALE-1:100



DETAIL OF S.T.P

SCALE-1:100



KEY PLAN

SCALE :- 1 : 4000

FOR OFFICE USE ONLY

APPROVAL OF S.A.E.

AREA STATEMENT :-

AREA OF LAND (115K SCH. 3950FT) (AS PER DEED)	=7729.37 SQM.
PROPOSED BUILDING HT. (G+X)	= 33.20 MT.
PERMISSIBLE GR.COV. (45%) APPROX	=3478.22 SQM
PERMISSIBLE F.A.R.	= 3.0
PERMISSIBLE BUILT UP AREA (7728.37*3.0)	=23186.11 SQM.
BLOCK - A (G+19NOS.)	
PROPOSED GROUND COVERAGE	= 425.642 SQM.
PROPOSED GROUND FLOOR AREA	= 407.881 SQM.
1ST & 2ND FLOOR AREA	= 416.492 SQM.
PROPOSED TYPICAL FLOOR AREA (3RD-9TH FLOOR)	= 386.837 SQM.
10TH FLOOR AREA	= 208.339 SQM.
PROPOSED TOTAL FLOOR AREA	= 4158.063 SQM.
407.881+(416.492*2)+(386.837*7 FLS)+208.339=	
DEDUCTION	
[(62.945)*3)+[(22.625)*8)] FLS.	= 389.635 SQM.
LIFT LOBBY AREA (6*11 FLS.)	= 66.00 SQM.
PROPOSED TOTAL DEDUCTION AREA	= 455.635 SQM.
WARDROBE AREA (8.6*7=3)	= 49.2 SQM.
BLOCK - B (G+19NOS.)	
PROPOSED GROUND COVERAGE	= 395.987 SQM.
PROPOSED GROUND FLOOR AREA	= 317.182 SQM.
PROPOSED TYPICAL FLOOR AREA (1ST-9TH FLOOR)	= 386.837 SQM.
10TH FLOOR AREA	= 234.1 SQM.
PROPOSED TOTAL FLOOR AREA	= 4032.015 SQM.
317.182+(386.837*9 FLS)+234.1	
DEDUCTION	
STAIR AREA [(22.625)*11)] FLS.	= 248.875 SQM.
LIFT LOBBY AREA (6*11 FLS.)	= 66.00 SQM.
PROPOSED TOTAL DEDUCTION AREA	= 314.875 SQM.
WARDROBE AREA (8.6*9+3.8)	= 63.0 SQM.
BLOCK - C (G+19NOS.)	
PROPOSED GROUND COVERAGE	= 676.193 SQM.
PROPOSED GROUND FLOOR AREA	= 602.846 SQM.
PROPOSED TYPICAL FLOOR AREA (1ST-9TH FLOOR)	= 651.008 SQM.
10TH FLOOR AREA	= 297.901 SQM.
PROPOSED TOTAL FLOOR AREA	= 6759.819 SQM.
602.846+(651.008*9 FLS)+297.901	
DEDUCTION	
STAIR AREA [(21.25)*11)] FLS.	= 233.75 SQM.
LIFT LOBBY AREA (6*11 FLS.)	= 66.00 SQM.
PROPOSED TOTAL DEDUCTION AREA	= 299.75 SQM.
WARDROBE AREA (11.985*8+7.91+4.224)	= 108.014 SQM.
BLOCK - D (G+19NOS.)	
PROPOSED GROUND COVERAGE	= 374.646 SQM.
PROPOSED GROUND FLOOR AREA	= 304.980 SQM.
PROPOSED TYPICAL FLOOR AREA (1ST TO 7TH & 8TH) FLS.	= 319.366 SQM.
9TH FLOOR AREA	= 162.672 SQM.
10TH FLOOR AREA	= 201.372 SQM.
PROPOSED TOTAL FLOOR AREA	= 3216.655 SQM.
291.583+(319.366*8 FLS)+162.672+201.372	
DEDUCTION	
STAIR AREA [(22.75)*11)] FLS.	= 250.25 SQM.
LIFT LOBBY AREA (6*11 FLS.)	= 66.00 SQM.
PROPOSED TOTAL DEDUCTION AREA	= 316.25 SQM.
WARDROBE AREA (6.874*7+2.874+2*4)	= 58.99 SQM.
BLOCK - E (G+19NOS.)	
PROPOSED GROUND COVERAGE	= 718.448 SQM.
PROPOSED GROUND FLOOR AREA	= 642.655 SQM.
1ST & 2ND FLOOR AREA	= 690.488 SQM.
PROPOSED TYPICAL FLOOR AREA (3RD-9TH FLOOR)	= 658.234 SQM.
10TH FLOOR AREA	= 463.695 SQM.
PROPOSED TOTAL FLOOR AREA	= 7093.164 SQM.
642.655+(690.488*2)+(658.234*7 FLS)+463.695.	
DEDUCTION	
[(72.664)*3]+[(21.25)*8)] FLS.	= 387.992 SQM.
LIFT LOBBY AREA (6*11 FLS.)	= 66.00 SQM.
PROPOSED TOTAL DEDUCTION AREA	= 453.992 SQM.
WARDROBE AREA [(10.935*7)-(1.874+5.499+7.31)	= 91.228 SQM.
PODIUM AREA (49.125+874.32)	= 922.345 SQM.
BASEMENT AREA	= 3342.54 SQM.
PROPOSED TOTAL GROUND COVERAGE (44 NOS)	=3465.221 SQM.
(425.642+365.987+676.193+324.846+718.448+922.345)	
PROPOSED TOTAL GROUND FLOOR AREA	= 3197.771 SQM.
(407.881+317.182+602.846+304.862+642.655+922.345)	
PROPOSED TOTAL 1ST & 2ND FLOOR AREA	= 2464.191 SQM.
(416.492+386.837+651.008+319.366+690.488)	
PROPOSED TOTAL TYP. (3RD TO 7TH & 9TH) FLOOR AREA	= 1402.182 SQM.
(386.837+386.837+651.008+319.366+658.234)	
PROPOSED TOTAL 8TH FLOOR AREA	= 2245.588 SQM.
(386.837+386.837+651.008+162.672+658.234)	
PROPOSED TOTAL 10th FLOOR AREA	= 1456.667 SQM.
(208.339+234.1+297.901+201.372+463.695)	
PROPOSED TOTAL BUILT-UP AREA	= 20430.325 SQM.
(3342.54+922.345+3197.771+(2*2464.191) +(7*1402.182)+2245.588+1456.667)	
DEDUCTION TOTAL (GROUND FLOOR AREA)	= 1520.705 SQM.
(435.635+314.875+299.75+316.25+453.992)	
CAR PARKING IN GROUND FLOOR	= 2171.145 SQM.
131.82+205.03+511.14+219.56+181.25+48.125+874.22	
CAR PARKING AT BASEMENT	= 3230.49 SQM.
PROPOSED TOTAL BUILT-UP AREA WITH N.F.AR.	= 23317.68 SQM.
(20430.325)-(3290.49+2171.145+1820.702)	
PROPOSED F.A.R. (23317.68/7729.37)	= 2.998
PROPOSED TOTAL WARDROBE AREA	= 370.492 SQM.
((7*6.6+3.0)+(3*6.8+2.6)+(11.985*8+7.91+4.224) +(7*6.874+2.874+2*4.0)+ (1.874+5.499+7.310)=7.93)*7.31)]	
=48.2+63.0+108.014+58.99+91.228	

CAR PARKING CALCULATION

RESIDENTIAL

TOTAL RESIDENTIAL AREA EXCEPT CAR-PARKING (20456.425-(2171.145+3230.49+1684.57)	= 23110.32 SQM.
NO OF CAR PARKING REQD. UPTO 600 (@130 SQM=1 CAR) (600/130)	= 4.6 NOS.
NO OF CAR PARKING REQD. FROM 600 TO 5000 (@120 SQM=1 CAR) [(5000-600)/120]	= 36.66 NOS.
NO OF CAR PARKING REQD. ABOVE 5000 (@110 SQM=1 CAR) [(23110.32-5000)/110]	= 164.64 NOS.
TOTAL NO OF CAR PARKING REQD. (4.6+36.66=164.64)	=205.90 NOS. =206 NOS.(SAY).

COMMERCIAL

TOTAL COMMERCIAL AREA [(158.18+2*369.5)+(3*328.93)]	= 1884.97 SQM.
NO OF CAR PARKING REQD. (@100 SQM=1 CAR)	= 18.85 NOS. = 19 NOS.(SAY).
TOTAL CAR PARKING REQUIRED (206+19)	= 225 NOS.
TOTAL CAR PARKING PROVIDED	= 226 NOS.
COVERED- (194+96)=200 NOS. OPEN- 26 NOS.	
PROPOSED PUBLIC OPEN AREA (8.053%)	= 622.46 SQM.

SCHEDULE OF DOORS & WINDOWS

TYPE	SIZE	(mm)	SIZE	TYPE	SIZE	(mm)	SIZE
D	-	3700	1100*2100	W1	900	2100	1800*1200
D	-	2400	900*2100	W2	900	2100	1650*1200
D1	-	2400	1150*2100	W3	900	2100	1500*1200
D1	-	2400	1100*2100	W4	900	2100	1200*1200
D1A	-	2400	1200*2100	W4A	900	2100	900*1200
D1	-	3700	1200*2100	W	1350	2100	1800*1350
D2	-	2100	825*2100	W1	1050	2100	1200*1050
D4	-	2100	750*2100	W2	1050	2100	1500*1050
DW	-	2700	1950*2700	W3	900	2100	1500*1200
DW1	-	2100	1750*2100	W3	900	2100	1800*1200
				V	1200	2100	1650*1200
				V1	1200	2100	1650*900
				W01	1050	2100	1200*1050

SPECIFICATION OF BUILDING

1. ALL DIMENSIONS ARE IN MM.
2. 1ST CLASS CEMENT BRICK WORK IN SUPER STRUCTURE.
3. 125&75 MM. THK. 1ST CLASS BRICK WORK IN 1:4 WITH M.S. HOOPS WIRE 16 THKS.
4. LEAN CONC. 1:2:4 WITH 15 MM. DOWN GRADED STONECHIPS.
5. R.C.C. WORK FOR ROOF, SLAB, LINTEL, BEAM, COLUMN(M-20).
6. CEMENT SAND PLASTER 19 MM. THK. ON OUTSIDE & INSIDE WALLS ON 12 MM. & 6 MM. THK. IN CEILING & R.C.C. CHAJJA.
7. 20 MM. THK. I.P.S. FLOORING WITH NEAT CEMENT AT TOP INCL. SHIFTING.
8. A BRICK FLAT SOLING IN FLOORING & FORMATION.
9. MILD STEEL T-BARS FOR COLUMNS, BEAMS, LINTELS & SLABS INCLUDING DISTRIBUTORS & STIRRERS.
10. HIRE & LABOUR FOR SHUTTERING OF R.C.C. WORKS INCLUDING STRUT PROP. TO BE PLACED AS PER DIRECTION.
11. SANITARY & PLUMBING FITTING & FIXING COMPLETE AS PER DIRECTION.
12. ALL OUTSIDE WALLS 250 MM. THK. IN RUBBLE WALL 1/5 & 1/4 MM. THK. AS STATED WITH H.B. MIX SETTING & EVERY 3RD LAYER.

CERTIFICATE OF OWNER

CERTIFIED THAT I HAVE COME THROUGH THE BUILDING RULES OF RAJARHAT GOPALPUR MUNICIPALITY AND ALSO UNDERTAKE TO ABIDE BY THOSE RULES.

BRL Estates LLP
Designated Partner

SIGNATURE OF OWNERS

NAME OF OWNER :- BRL ESTATES LLP

CERTIFICATE OF STRUCTURAL STABILITY

WE HEREBY CERTIFY THAT THE FOUNDATION AND SUPERSTRUCTURE OF THE BUILDING PROPOSED FOR CONSTRUCTION ON "L.R. NO.-2, R.S. DAG NOS. 3455, 3456 & 3470(P), KHATIAN NOS.-6328, P.S.-RAJARHAT, MOUZA -GOPALPUR, SUB-NORTH 24 PARGANAS, UNDER RAJARHAT GOPALPUR MUNICIPALITY, WARD NO-4, KOLKATA-700136. HAVE BEEN OR SO DESIGNED BY ME/US TO WITHSTAND SAFELY AND STABLE THE LOADS COMING ON ALL ELEMENTS INCLUDING THE CONSTRUCTION OF MACHINE CAPACITY AND SETTLEMENT OF SOIL ETC.

Rajkumar Agarwal
Architect
Member of Council of Architecture CA / 96 / 17540

SIGNATURE OF L.B.A.

RAJKUMAR AGARWAL
COUNCIL REGISTRATION NO. CA/96/17540

ADDRESS:
RAJ AGRAWAL & ASSOCIATES
88, ROYD STREET (2ND FLOOR), KOLKATA-16

SIGNATURE OF STRUCTURAL ENGINEER:

SANJIV J.PAREKH
M.E.(A.M.I.E. (CIVIL)), M.S.C.E.
CHARTERED ENGINEER A.M.-053212 I.E.S.C.-10401 (I.R.M.P.)

ADDRESS:
S.P.A. CONSULTANTS
53, JUSTICE CHANDRA MADHAB ROAD, KOLKATA-20.

SIGNATURE OF GEO-TECHNICAL ENGINEER

ALOK ROY
B.E.(CIVIL, MCE (SOIL MECH & FOUNDATION ENGG.) M.I.E. MASCE (I) M.I.G.S. (I) M.ISS.C. ENG.(I) DIRECTOR
Empanelment No. :- 008/GT, Eng. of Rajpur-Sonarpur Municipality

ADDRESS:
6A NILMANI PARK, KOL-84

TITLE:-

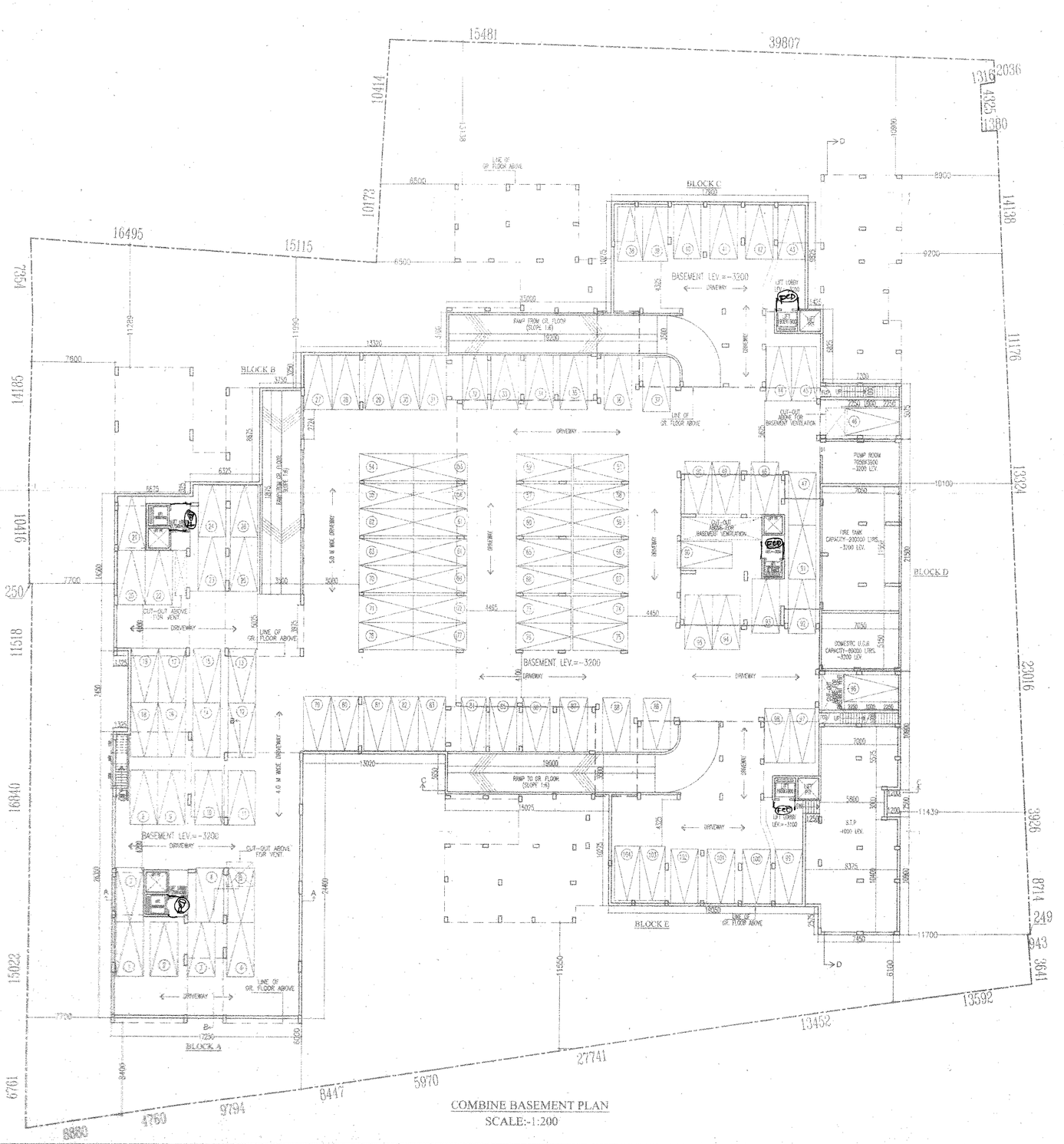
GROUND FLOOR PLAN, BASEMENT PLAN, SITE PLAN, PART SECTION OF SWIMMING POOL,PART SECTION OF BASEMENT, KEY PLAN, DETAIL OF SEPTIC TANK, & UNDER GROUND WATER RESERVOIR.

PROJECT:

PLAN OF PROPOSED B+G+X STORIED (33.20 MT. HT.) BUILDING AT R.S. & L.R. DAG NOS. 4280(P),4281,4282,4283,4284 AND KHATIANNOS.-2983\1,2891\1,3030\8, 3006\1,3155\2,2124,1410\2,L.L. NO.-2,MOUZA -GOPALPUR,P.S.-AIRPORT,DIST.-NORTH 24 PARGANAS, UNDER RAJARHAT GOPALPUR MUNICIPALITY, KOLKATA-700136

DATE	JOB. NO.	DEALT	CHECKED	SHEET NO.
6.4.16	ARCH/2014/936	BARNALI	SHEELA	1 OF X
SCALE :- 1:100,200,400,1000	ARCHITECT			

RAJ AGARWAL & ASSOCIATES
88,ROYD STREET, KOLKATA-16



COMBINE BASEMENT PLAN

SCALE:-1:200

GROUND FLOOR PLAN

SCALE:-1:200

The Plan is Presently approved subject to the changes as marked and on compliance of recommendation issued.

For and on behalf of
M/s. Rajarhat Gopalpur Municipality
Executive Officer