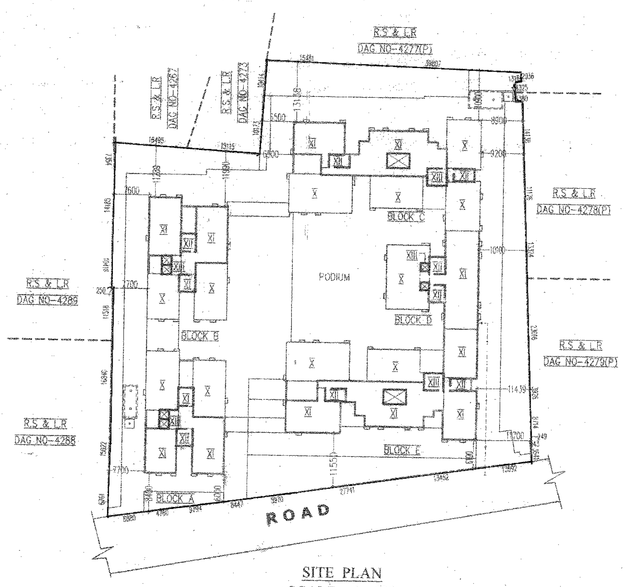
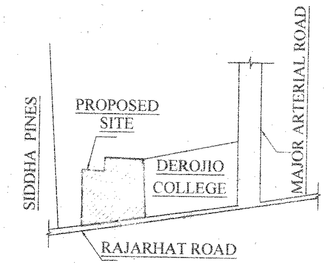
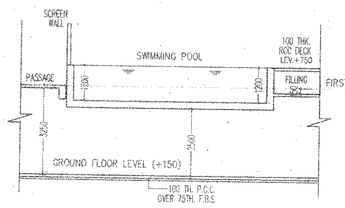


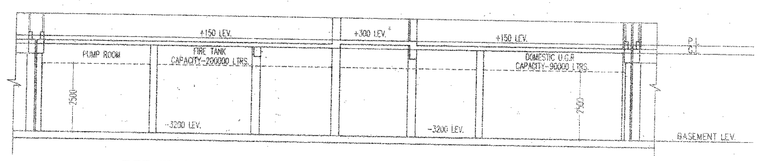
SITE PLAN
SCALE :- 1 : 600



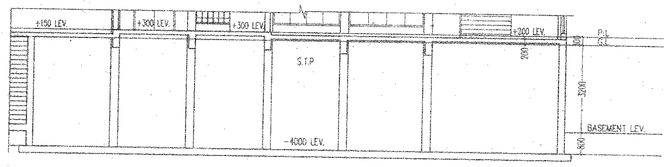
KEY PLAN
SCALE :- 1 : 4000



PART SECTION - GG FOR SWIMMING POOL
SCALE-1:100



DETAIL OF DOMESTIC U.G.R & U.G.R FOR FIRE
SCALE-1:100



DETAIL OF S.T.P
SCALE-1:100

FOR OFFICE USE ONLY

APPROVAL OF S.A.E.

:- EXISTING AREA STATEMENT :-

PLOT-1

BLOCK - A (B+S+G+5 FLS.)

GROUND COVERAGE	=	409.717 SQM.
TYPICAL FLOOR AREA (1ST-5TH FLOOR)	=	389.707 SQM.
COMMERCIAL AREA	=	155.617 SQM.

BLOCK - B (B+S+G+5 FLS.)

GROUND COVERAGE	=	389.707 SQM.
TYPICAL FLOOR AREA (1ST-5TH FLOOR)	=	389.707 SQM.
PODIUM AREA	=	48.130 SQM.
BASEMENT AREA	=	958.218 SQM.
STILT AREA	=	958.218 SQM.
TOTAL FLOOR AREA	=	6861.06 SQM.

CAR PARKING AREA

CAR PARKING AT BASEMENT	=	945.00 SQM.
CAR PARKING AT STILT FLOOR AREA	=	738.14 SQM.

PLOT-2

BLOCK - C (B+S+G+5 FLS.)

GROUND COVERAGE	=	645.111 SQM.
TYPICAL FLOOR AREA (1ST-5TH FLOOR)	=	656.204 SQM.

BLOCK - D (B+S+G+5 FLS.)

GROUND COVERAGE	=	319.370 SQM.
TYPICAL FLOOR AREA (1ST-5TH FLOOR)	=	319.370 SQM.

BLOCK - E (B+S+G+5 FLS.)

GROUND COVERAGE	=	656.068 SQM.
TYPICAL FLOOR AREA (1ST-5TH FLOOR)	=	656.068 SQM.
PODIUM AREA	=	871.290 SQM.
BASEMENT AREA	=	1564.66 SQM.
STILT AREA	=	1364.68 SQM.
TOTAL FLOOR AREA	=	13779.369 SQM.
SHOP AREA	=	330.940 SQM.
CAR PARKING AT BASEMENT	=	1610.00 SQM.
CAR PARKING AT STILT FLOOR AREA	=	2181.91 SQM.

:- PROPOSED AREA STATEMENT :-

AREA OF LAND (115K 8CH. 3950FT) (AS PER DEED)	=	7729.37 SQM
AREA OF LAND (114K 15CH. 0955FT) (AS PER PARCHA)	=	7688.98 SQM
PROPOSED BUILDING HT. (G+X)	=	33.20 MT.
PERMISSIBLE SR.GOV. (45%) APPROX	=	3460.032 SQM
PERMISSIBLE F.A.R	=	3.0
PERMISSIBLE BUILT UP AREA (7688.96*3.0)	=	23066.88 SQM

BLOCK - A (G+10FLS.)

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	=	209.339 SQM.
PROPOSED TOTAL FLOOR AREA	=	4158.063 SQM.

407.881+(416.492*2)+(386.837*7 FLS)+209.339

DEDUCTION

STAIR AREA [[(2.945)*3]+[(22.625)*8]] FLS.	=	369.835 SQM.
LIFT LOBBY AREA (6*11 FLS.)	=	66.00 SQM.
PROPOSED TOTAL DEDUCTION AREA	=	435.835 SQM.
WARDROBE AREA (6.674*3)	=	49.2 SQM.

BLOCK - B (B+S+G+5 FLS.)

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 (6.674+3.6)	=	63.0 SQM.

BLOCK - C (G+10FLS.)

PROPOSED GROUND COVERAGE	=	676.193 SQM.
PROPOSED GROUND FLOOR AREA	=	602.846 SQM.
FIRST FLOOR PLAN	=	677.240 SQM.
PROPOSED TYPICAL FLOOR AREA (2ND-9TH FLOOR)	=	651.008 SQM.
10TH FLOOR AREA	=	274.77 SQM.
PROPOSED TOTAL FLOOR AREA	=	6762.92 SQM.

602.846+677.24+(651.008*8 FLS)+274.77

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+10FLS.)

PROPOSED GROUND COVERAGE	=	324.646 SQM.
PROPOSED GROUND FLOOR AREA	=	304.462 SQM.
PROPOSED TYPICAL FLOOR AREA (1ST TO 7TH & 9TH) FLS.	=	319.366 SQM.
8TH FLOOR AREA	=	162.672 SQM.
10TH FLOOR AREA	=	201.372 SQM.
PROPOSED TOTAL FLOOR AREA	=	3210.555 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+24)	=	58.99 SQM.

BLOCK - E (G+10FLS.)

PROPOSED GROUND COVERAGE	=	715.448 SQM.
PROPOSED GROUND FLOOR AREA	=	642.655 SQM.
1ST FLOOR AREA	=	716.648 SQM.
2ND FLOOR AREA	=	690.488 SQM.
PROPOSED TYPICAL FLOOR AREA (3RD-9TH FLOOR)	=	658.254 SQM.
10TH FLOOR AREA	=	274.77 SQM.
PROPOSED TOTAL FLOOR AREA	=	6932.199 SQM.

642.655+690.488+716.648+(658.2347 FLS)+274.77

DEDUCTION

STAIR AREA [[22.64]*11]+[(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 (38.85+874.22)	=	913.07 SQM
BASEMENT AREA	=	3342.54 SQM
PROPOSED TOTAL GROUND COVERAGE (44.8065)	=	3450.986 SQM

(425.642+395.987+676.193+324.646+715.448+913.07)

PROPOSED TOTAL GROUND FLOOR AREA	=	3197.771 SQM

(407.881+317.182+602.846+304.862+642.655+922.345)

PROPOSED TOTAL 1ST FLOOR AREA	=	2596.351 SQM

(416.492+386.837+677.240+319.366+716.648)

PROPOSED TOTAL 2ND FLOOR AREA	=	2404.191 SQM

(416.492+386.837+651.008+319.366+690.488)

PROPOSED TOTAL TYP. FLRD TO 7TH & 9TH FLOOR AREA	=	2402.282 SQM

(386.837+386.837+651.008+319.366+658.254)

PROPOSED TOTAL 8TH FLOOR AREA	=	2245.986 SQM

(386.837+386.837+651.008+162.672+658.234)

PROPOSED TOTAL 10TH FLOOR AREA	=	1184.316 SQM

(209.339+234.1+274.77.901+201.372+274.77)

PROPOSED TOTAL BUILT-UP AREA	=	30096.989 SQM

(3342.54+922.345+3197.771+2596.311+2464.191 +(6*2402.282)+2245.586+1194.316)

PROPOSED TOTAL EXEMPTION AREA	=	1820.702 SQM

(435.835+314.875+299.75+316.25+453.992)

CAR PARKING AT GROUND FLOOR	=	2171.145 SQM

121.82+205.03+511.14+219.56+181.25+48.125+874.22

CAR PARKING AT BASEMENT	=	3290.49 SQM

PROPOSED TOTAL BUILT-UP AREA WITH 3% F.A.R.	=	23014.652 SQM

(30296.989)-(3290.49+2171.145+1820.702)

PROPOSED F.A.R. (23014.652/7688.96)	=	2.993
PROPOSED TOTAL WARDROBE AREA	=	370.482 SQM

[(1*6.6+3.0)+(5*6.6+3.6)+(11.985*8+7.91+4.224) +(7*6.674+2.874+24.0)+ (1.874+5.499+7*10.935+7.31)]

=49.2+63.0+108.014+58.99+91.228

CAR PARKING CALCULATION

RESIDENTIAL

TOTAL RESIDENTIAL AREA EXCEPT CAR PARKING 30509.245-[2171.145+3290.49+1884.97]	=	23162.64 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 [(159.18+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	=	228 NOS.
COVERED- (104+96)=200 NOS.		
OPEN- 28 NOS.		
PROPOSED Public OPEN AREA (8.095%)	=	622.46 SQM

AREA SUMMARY

TOTAL EXISTING FLOOR AREA (6661.06+13779)	=	20440.429 SQM
TOTAL PROPOSED FLOOR AREA (23014.652-20440.429)	=	2574.223 SQM
TOTAL CONSTRUCTION AREA (20440.429+2574.223)	=	23014.652 SQM

SCHEDULE OF DOORS & WINDOWS

TYPE	SILL	UNITS	SIZE	TYPE	SILL	UNITS	SIZE
FD	-	2100	1100X2100	W1	900	3150	1800X3150
D	-	2100	2300X2100	W2	900	2100	1800X2100
D1	-	2100	1500X2100	W3	600	2100	1200X2100
D2	-	2100	1100X2100	W4	300	2100	3000X2100
D2A	-	2100	1000X2100	W4A	900	2100	3000X2100
D3	-	2100	900X2100	W5	1050	2100	1800X2100
D3	-	2100	1000X2100	W6	1050	2100	2400X2100
D4	-	2100	750X2100	W6A	1050	2100	600X1050
DW	-	2100	1800X2100	W5	900	2700	1500X2700
	-	2700	1700X2700	W5	900	2100	3600X2100
				V	1200	2100	6000X900
				VT	1200	2100	5000X900
				WH	1050	2100	2100X1050/2100

SPECIFICATION OF BUILDING

1. ALL DIMENSIONS ARE IN MM.
2. 1ST CLASS CEMENT BRICK WORK IN SUPER STRUCTURE.
3. 125MTS MM. THK. 1ST CLASS BRICK WORK 1:4 WITH N.S. WIRE MIRE VETTAH.
4. LEAN CONC. 1:3:6 WITH 10 MM. DOWN GRADED STONECHIPS.
5. R.C.C. WORK FOR ROOF, SLABS, LINTEL, BEAM, COLUMN(M-25).
6. CEMENT SAND PLASTER 19 MM. THK. ON OUTSIDE & INSIDE WALLS (IN 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 & FOUNDATION.
9. MILD STEEL T BARS FOR COLUMNS, BEAMS, LINTELS & SLABS INCLUDING DISTRIBUTORS & BINDERS.
10. HIRE & LABOUR FOR CHUSTERING OF R.C.C. WORKS INCLUDING STEAM PROOF TO BE PLACED AS PER DIRECTION.
11. SANITARY & PLUMBING, FITTING & FIXING COMPLETE, AS PER DIRECTION.
12. ALL OUTSIDE WALLS 250 MM. THK. & INSIDE WALL 125 & 75 MM. DIA. AS STATED WITH H.B. WIRE MESHING IN EVERY 3RD LAYER.

CERTIFICATE OF OWNER

CERTIFIED THAT I HAVE FOUND THE BUILDING RULES OF DUMMY(P) GOPALPUR MUNICIPALITY AND ALSO UNDERTAKE TO ABIDE BY THOSE RULES DURING AND AFTER CONSTRUCTION OF THE BUILDING.

BRL Estates LLP
Designated Partner

SIGNATURE OF OWNER
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 R.S. & L.R. DAG NOS. 4277(P),4278(P), 4279(P), 4280, 4281, 4282, 4283 & 4284 AND L.R. KHATIAN NOS.-2124, 3030/2, 3153/2, 2983/1, 2811/1, 3006/1 & 2891/1, J.L. NO.-7, MOUZA -GOPALPUR, P.S. AIRPORT, DIST.-NORTH 24 PARGANAS, UNDER RAJARHAT GOPALPUR MUNICIPALITY, PRESENTLY UNDER VIDHANNAGAR MUNICIPALITY, KOLKATA-700136, WARD NO.-4 ARE SAFE AND SUITABLE FOR THE PROPOSED CONSTRUCTION OF BUILDING AS PER PLAN AND SUPER STRUCTURE SAFE IN ALL RESPECT INCLUDING THE CONSIDERATION OF BEARING CAPACITY AND SETTLEMENT OF SOIL ETC.

SANJIB DUTTA
BSC, BCE, FIE-(F-115654-5)
CHARTERED ENGINEER
ENLISTED STRUCTURAL
REVIEWER 88/16 K.M.C.

SANJIV J. PAREKH
M.E. (STRUCTURAL), (CONST.ENGG.
B. C. E., FIE-(F-612262-1)
E. S. E. NO. 104 (1) K. M. C.

SIGNATURE OF STRUCTURAL ENGINEER

SANJIV J.PAREKH
M.E., A.M.I.E., (CIVIL), M.S.C.E.
CHARTERED ENGINEER A.M.-053212 E.S.E.-104(1) K.M.C.
ADDRESS:
S.P.A. CONSULTANTS
53, JUSTICE CHANDRA MADHAB ROAD, KOLKATA-20

Rajkumar Agarwal
Member of Council of Architecture, CoA/R/17940

SIGNATURE OF L.B.A.
RAJKUMAR AGARWAL
COUNCIL REGISTRATION NO. CA/94/17940
ADDRESS:
RAJ AGRAWAL & ASSOCIATES
88, ROYD STREET (2ND FLOOR), KOLKATA-16.

ANGANA DATTA
M.E. (Soil & Foundation Engineering)
L.M.I.G.S. No. 1445

SIGNATURE OF GEO-TECHNICAL ENGINEER
ANGANA DATTA
M.E (SOIL & FOUNDATION ENGINEERING)
LMIGS NO. 1445

TITLE-
GROUND FLOOR PLAN, BASEMENT PLAN, SITE PLAN, PART SECTION OF SWIMMING POOL & KEY PLAN.

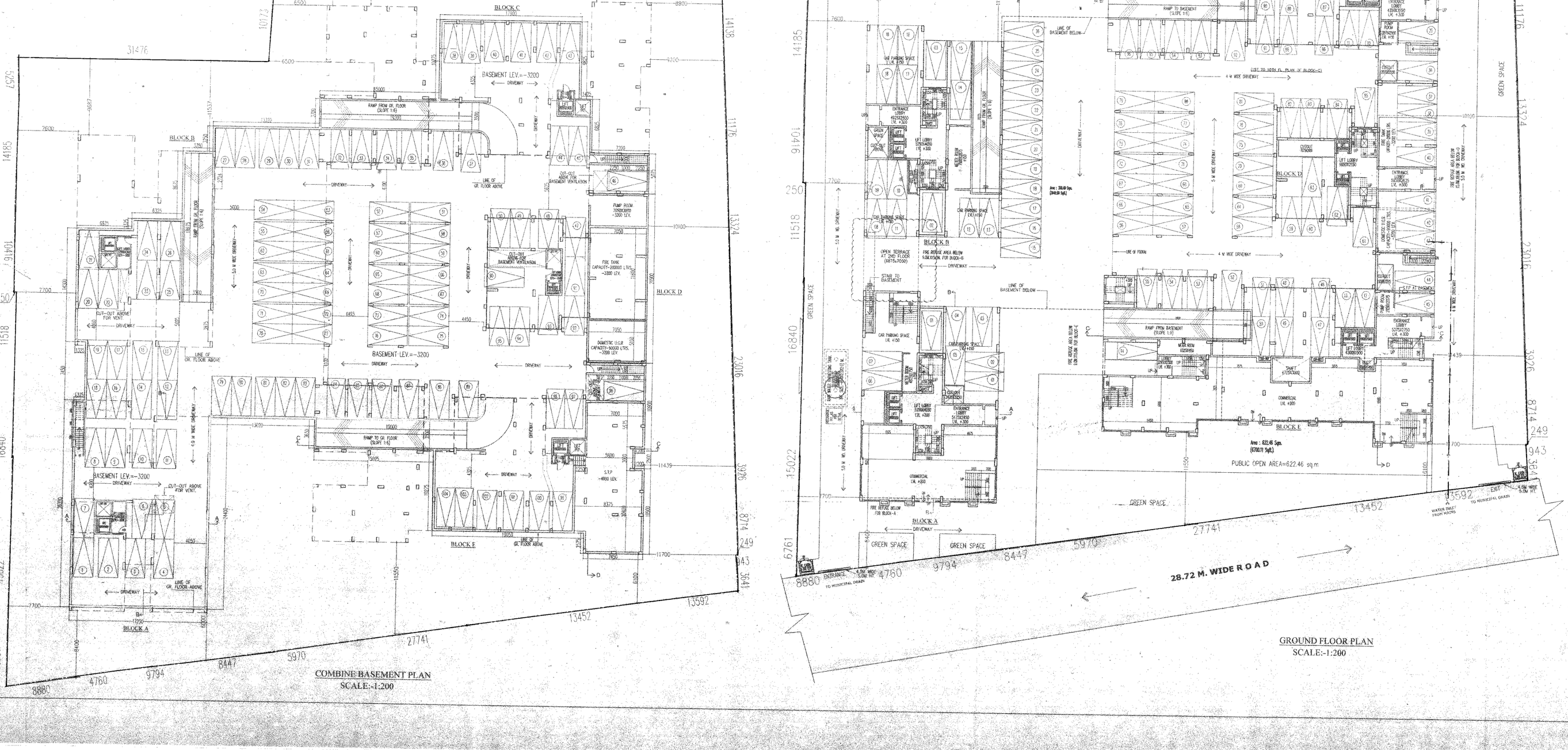
PROJECT
ADDITION/ALTERATION OF B+G+X STORIED (33.90 MT.H.T.) RESIDENTIAL BUILDING AT R.S. & L.R. DAG NOS. 4277(P),4278(P), 4279(P), 4280, 4281, 4282, 4283 & 4284 AND L.R. KHATIAN NOS.-2124, 3030/2, 3153/2, 2983/1, 2811/1, 3006/1 & 2891/1, J.L. NO.-7, MOUZA -GOPALPUR, P.S. AIRPORT, DIST.-NORTH 24 PARGANAS, UNDER RAJARHAT GOPALPUR MUNICIPALITY, PRESENTLY UNDER VIDHANNAGAR MUNICIPALITY, KOLKATA-700136, WARD NO.-4

DATE	JOB. NO.	DRAWN	CHECKED	SHEET NO.
6.4.16	ARCH/2014/516	BARNALI	SREELA	1 OF 7

SCALE :- 1:100,1:200,1:600

ARCHITECT

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



COMBINE BASEMENT PLAN
SCALE:-1:200

GROUND FLOOR PLAN
SCALE:-1:200