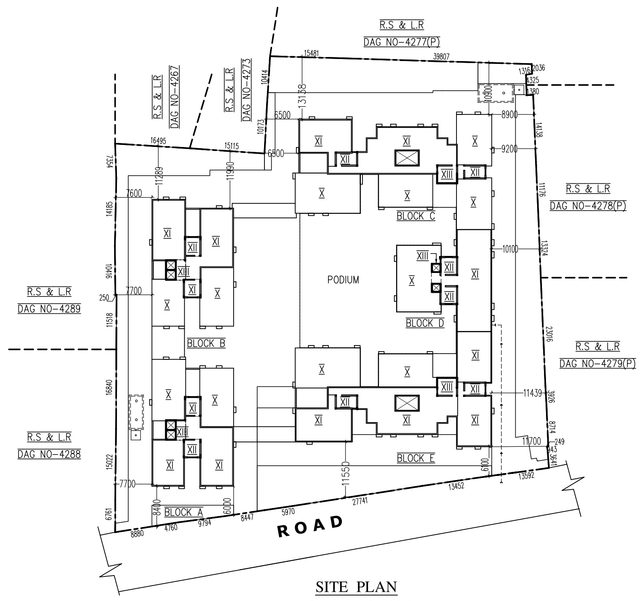
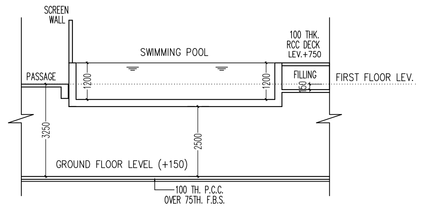
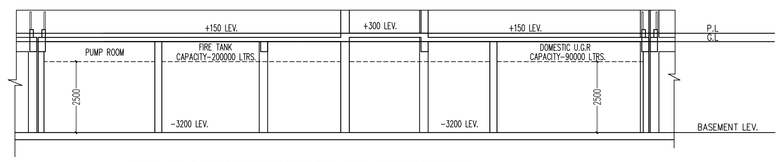


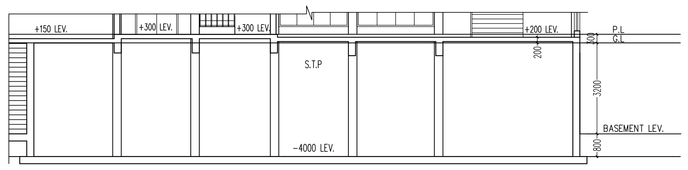
SITE PLAN
SCALE :- 1 : 600



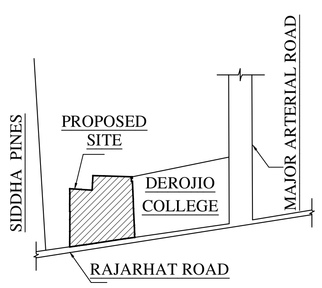
PART SECTION - GG FOR SWIMMING POOL
SCALE-1:100



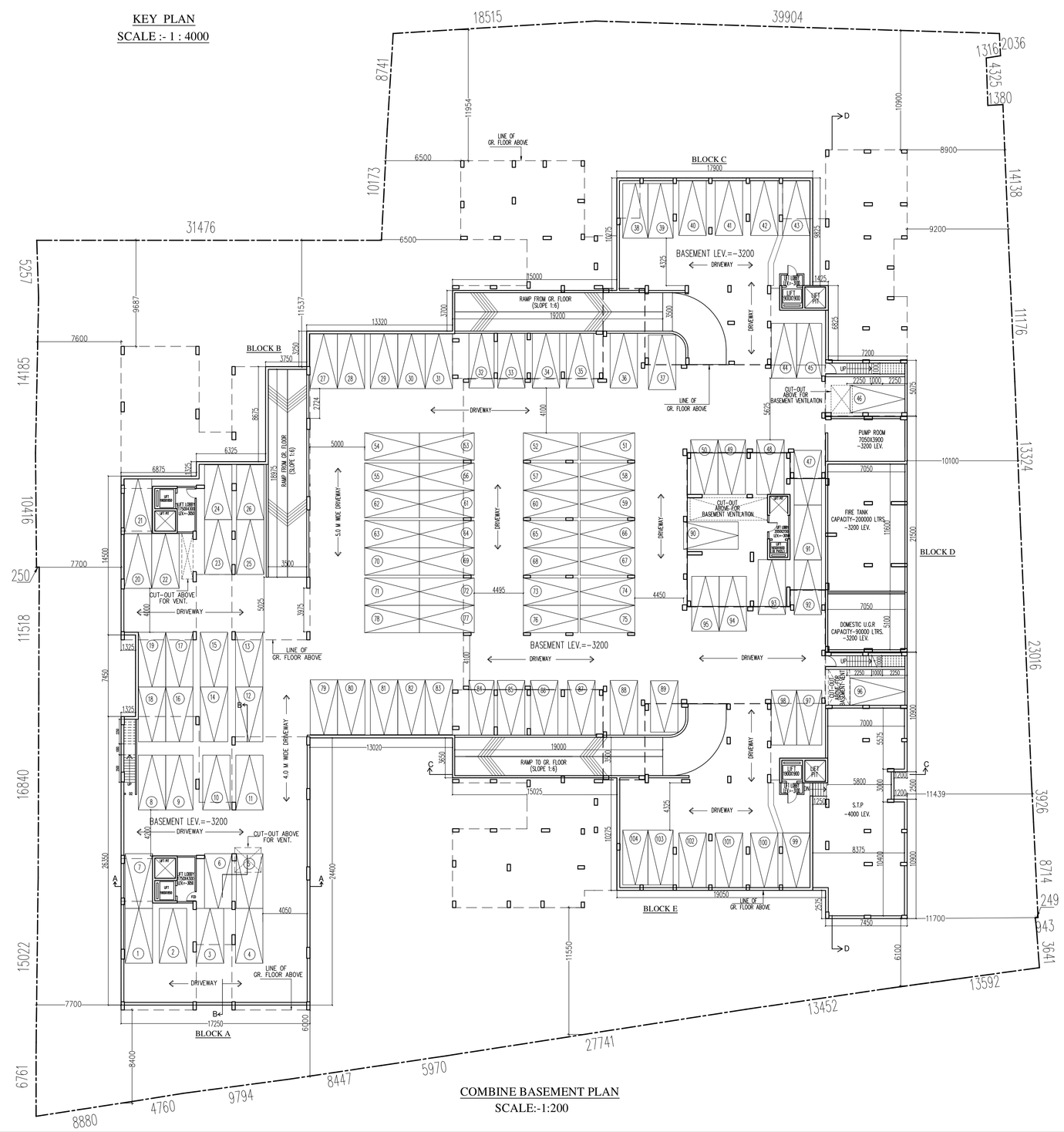
DETAIL OF DOMESTIC U.G.R & U.G.R FOR FIRE
SCALE-1:100



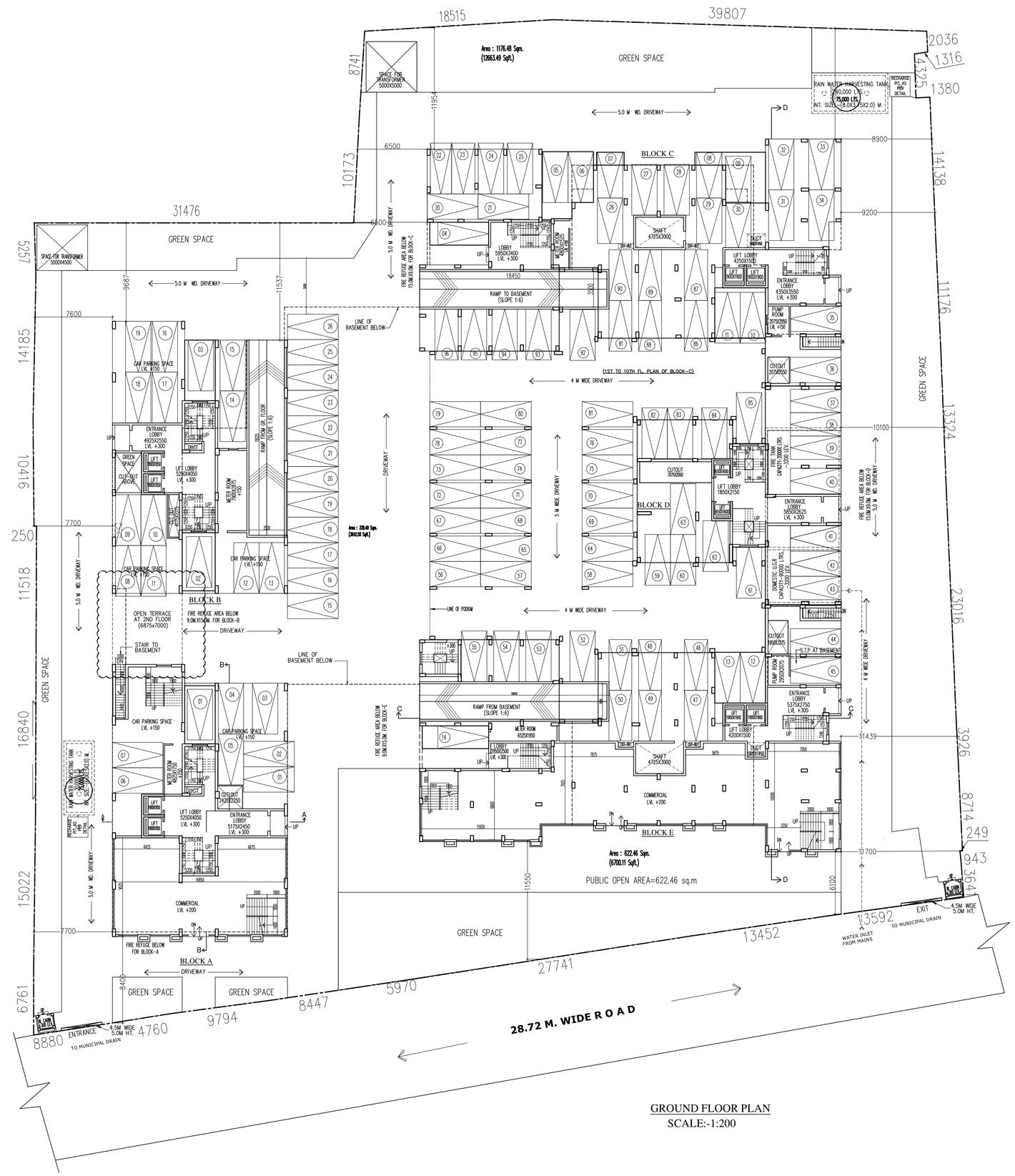
DETAIL OF S.T.P
SCALE-1:100



KEY PLAN
SCALE :- 1 : 4000



COMBINE BASEMENT PLAN
SCALE:-1:200



GROUND FLOOR PLAN
SCALE:-1:200

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	=	6661.06 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	=	1564.66 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. 39SQFT) (AS PER DEED)	=7729.37 SQM	
AREA OF LAND (114K 15CH. 09SQFT) (AS PER PARCHA)	=7688.96 SQM	
PROPOSED BUILDING HT. (G+X)	= 33.20 MT.	
PERMISSIBLE GR.COV. (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. [{62.945}*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 (6.6*7+3)	=	49.2 SQM.
BLOCK - B (G+10FLS.)		
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	=	4032.815 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 (6.6*9+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	=	304.862 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	=	3223.834 SQM.
304.862+{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+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)	=	658.234 SQM.
10TH. FLOOR AREA	=	274.77 SQM.
PROPOSED TOTAL FLOOR AREA	=	6932.199 SQM.
642.655+690.488+716.648+{658.234*7 FLS}+274.77		
DEDUCTION		
STAIR AREA. [{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 (38.85+874.22)	**=**	**913.07 SQM**
BASEMENT AREA	**=**	**3342.54 SQM**
PROPOSED TOTAL GROUND COVERAGE (44.8065%) (425.642+395.987+676.193+324.646+715.448+913.07)	=3450.986 SQM	
PROPOSED TOTAL GROUND FLOOR AREA (407.881+317.182+602.846+304.862+642.655+922.345)	= 3197.771 SQM	
PROPOSED TOTAL 1ST FLOOR AREA (416.492+386.837+677.240+319.366+716..648)	= 2516.511 SQM	
PROPOSED TOTAL 2ND FLOOR AREA (416.492+386.837+651.008+319.366+690.488)	= 2464.191 SQM	
PROPOSED TOTAL TYP. (3RD TO 7TH & 9TH) FLOOR AREA (386.837+386.837+651.008+319.366+658.234)	= 2402.282 SQM	
PROPOSED TOTAL 8TH FLOOR AREA (386.837+386.837+651.008+162.672+658.234)	= 2245.588 SQM	
PROPOSED TOTAL 10TH FLOOR AREA (209.339+234.1+274.77.901+201.372+274.77)	= 1194.351 SQM	
PROPOSED TOTAL BUILT-UP AREA [3342.54+922.345+3197.771+2516.511+2464.191 +{6*2402.282}+2245.588+1194.351]	= 30296.989 SQM	
PROPOSED TOTAL EXEMPTION AREA (435.835+314.875+299.75+316.25+453.992)	= 1820.702 SQM	
CAR PARKING AT GROUND FLOOR 131.82+205.03+511.14+219.56+181.25+48.125+874.22	= 2171.145 SQM	
CAR PARKING AT BASEMENT	= 3290.49 SQM	
PROPOSED TOTAL BUILT-UP AREA WITH IN F.A.R. (30296.989)-(3290.49+2171.145+1820.702)	= 23014.652 SQM	
PROPOSED F.A.R. (23014.652/7688.96)	= 2.993	
PROPOSED TOTAL WARDROBE AREA [{7*6.6+3.0}+{9*6.6+3.6}+{11.985*8+7.91+4.224} +{7*6.874+2.874+2*4.0}+ {1.874+5.499+7*10.935+7.31}] =49.2+63.0+108.014+58.99+91.228	= 370.492 SQM	

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	= 226 NOS.	
COVERED- (104+96)=200 NOS. OPEN- 26 NOS.		
PROPOSED PUBLIC OPEN AREA (8.0957%)	= 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	LINTEL	SIZE	TYPE	SILL	LINTEL	SIZE
FD	–	2100	1100X2100	W1	900	2100	1800X1200
D	–	2100	2000X2100	W2	900	2100	1600X1200
D1	–	2100	1500X2100	W3	900	2100	1500X1200
D1	–	2100	1100X2100	W4	900	2100	900X1200
D1A	–	2100	1050X2100	W4A	900	2100	850X1200
D2	–	2100	900X2100	W5	1050	2100	900X1050
D3	–	2100	825X2100	W6T	1050	2100	725X1050
D4	–	2100	750X2100	W6Z	1050	2100	800X1050
DW	–	2100	1800X2100	W6	900	2100	1500X1200
DWT	–	2100	1750X2100	W7	900	2100	900X1200
				V	1200	2100	600X900
				V1	1200	2100	550X900
				W11	1050	2100	1250X1050/700

SPECIFICATION OF BUILDING

1. ALL DIMENSIONS ARE IN MM.
2. 1ST CLASS CEMENT BRICK WORK IN SUPER STRUCTURE.
3. 125X75 MM. THK. 1ST CLASS BRICK WORK 1:4 WITH H.B. WIRE WIRE NETTING.
4. LEAN CONC. 1:3:6 WITH 16 MM. DOWN GRADED STONECHIPS.
5. R.C.C. WORK FOR ROOF, SLAB, LINTEL, BEAM, COLUMN(M-15).
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. SKIRTING.
8. A BRICK FLAT SOLING IN FLOORING & FOUNDATION.
9. MILD STEEL T BARS FOR COLUMNS, BEAMS, LINTELS & SLABS INCLUDING DISTRIBUTORS & BINDERS.
10. WIRE & LABOUR FOR SHUTTERING OF R.C.C. WORKS INCLUDING STOUT PROP 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. THK. AS STATED WITH H.B. WIRE NETTING IN EVERY 3RD LAYER.

CERTIFICATE OF OWNER

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

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, 3030/8, 3153/2, 2983/1, 2891/1, 3006/1 & 2891/1, J.L. NO.-2, MOUZA -GOPALPUR, P.S. AIRPORT, DIST.-NORTH 24 PARGANAS, UNDER RAJARHAT GOPALPUR MUNICIPALITY,WARD NO.-4 KOLKATA-700136 HAVE BEEN SO DESIGNED BY US,SO WHAT SUCH FOUNDATION AND SUPER STRUCTURE SAFE IN ALL RESPECT INCLUDING THE CONSIDERATION OF BEARING CAPACITY AND SETTLEMENT OF SOIL ETC.

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

SIGNATURE OF L.B.A
RAJKUMAR AGARWAL
COUNCIL REGISTRATION NO. CA/94/17940
ADDRESS:
RAJ AGRAWAL & ASSOCIATES
8B,ROYD STREET (2ND FLOOR), KOLKATA-16.

SIGNATURE OF GEO-TECHNICAL ENGINEER
ANGANA DATTA
MCE (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.HT.) 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, 3030/8, 3153/2, 2983/1, 2891/1, 3006/1 & 2891/1, J.L. NO.-2, 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.	DEALT	CHECKED	SHEET NO.
6.4.16	ARCH/2014/516	BARNALI	SREELA	1 OF 7
SCALE- 1:100,200,600,400	ARCHITECT			

RAJ AGARWAL & ASSOCIATES
8B,ROYD STREET, KOLKATA-16