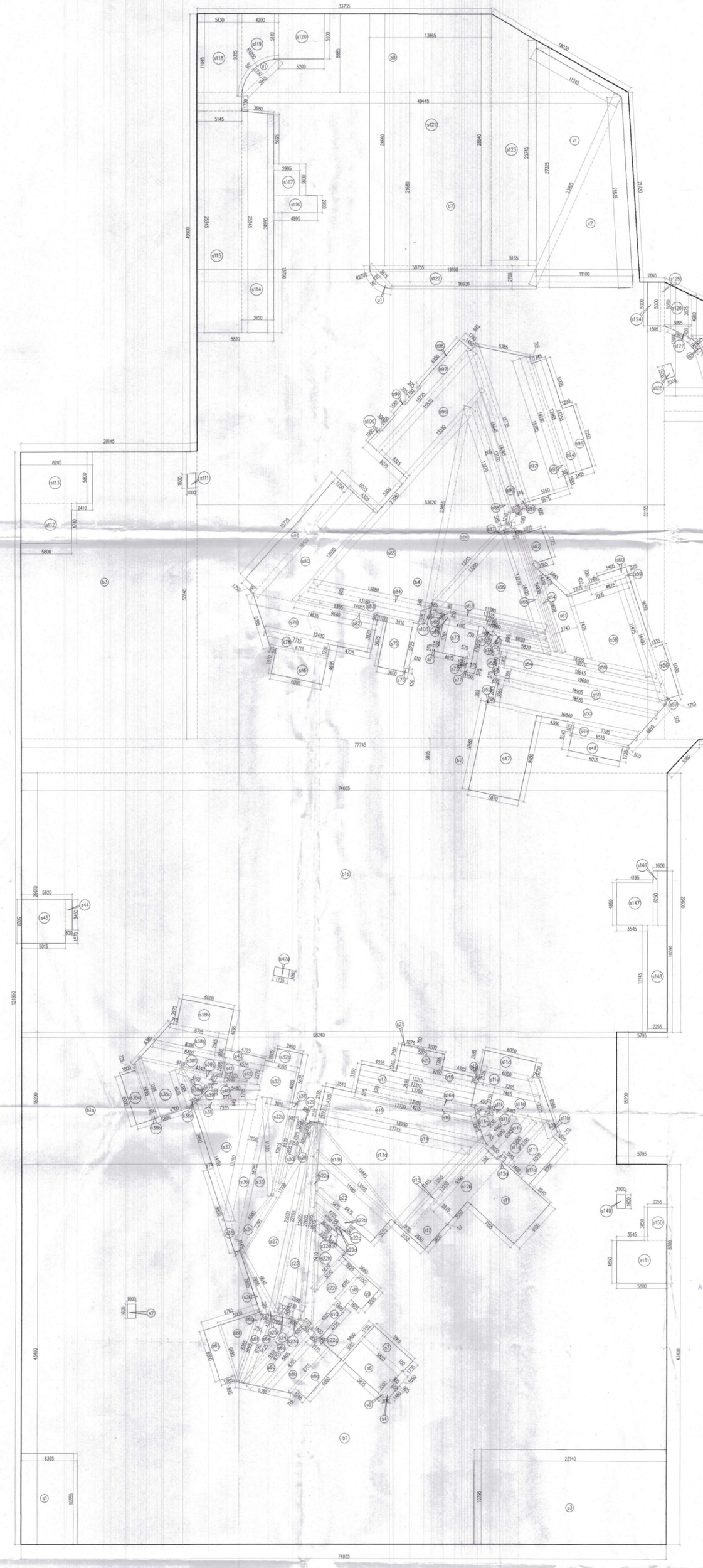


Note :-

1. BUILDING HAS AUTOMATIC SPRINKLER SYSTEM WHEREVER REQUIRED BY NBC.
2. BUILDING WILL BE DESIGNED (STRUCTURES) AS PER RELEVENT IS CODES FOR EARTH QUAKE RESISTANCE.
3. ALL TOILET & KITCHEN HAVE PERMANENT VENTILATION /EXHAUST
4. ALL BUILDINGS ARE NATURALLY VENTILATED AND WHERE EVER REQUIRED MECHANICAL VENTILATION IS PROPOSED WITH 100% POWER BACKUP.

S.T.P.(HQ) Member Secretary B.P.A.C.
S.T.P.(V) Member B.P.A.C.
C.T.P.(HR) Chairman B.P.A.C.
DTP(HQ)
ATP(HQ)
JD.
ATP
DINESH KUMAR PA(HQ)

SANCTIONED
TO BE READ WITH THIS OFFICE
MEMO NO.:
DATED :

ADFO, (HQ) Member BPAC
FBO, (HQ) Member BPAC

AREA CALCULATION BASEMENT-01

GROSS - A												
b1	=	1	X	74.035			X	43.400	=	3213.119	SQM
b1a	=	1	X	68.240			X	15.200	=	1037.248	SQM
b1b	=	1	X	74.035			X	29.600	=	2191.436	SQM
b2	=	0.5	X	74.035	x	77.745	X	3.895	=	295.592	SQM
b3	=	1	X	20.145			X	32.845	=	661.663	SQM
b4	=	1	X	53.620			X	52.155	=	2796.551	SQM
b4a	=	1	X	27.605			X	37.415	=	1032.841	SQM
b4b	=	0.5	X	4.380	x	4.620	X	1.940	=	8.730	SQM
b4c	=	0.5	X	11.405	x	4.380	X	13.265	=	104.694	SQM
b4d	=	0.5	X	2.870			X	23.265	=	33.385	SQM
b4e	=	1	X	8.535			X	22.210	=	189.562	SQM
b5	=	0.5	X	1.055			X	8.535	=	4.502	SQM
b6	=	0.5	X	27.605	x	27.390	X	1.735	=	47.708	SQM
b6a	=	0.5	X	27.390			X	13.010	=	178.172	SQM
b7	=	0.5	X	50.755	x	49.445	X	21.680	=	1086.168	SQM
b8	=	0.5	X	49.445	x	33.735	X	8.885	=	369.527	SQM
								TOTAL	=	13250.898	SQM
SERVICE AREA											
GROSS – D											
s1	=	1	X	6.395			X	10.355	=	66.220	SQM
s2	=	1	X	1.000			X	1.600	=	1.600	SQM
s3	=	1	X	10.795			X	22.140	=	239.001	SQM
s4	=	0.5	X	2.000	+	1.460	X	0.600	=	1.038	SQM
s5	=	1	X	0.305			X	2.000	=	0.610	SQM
s6	=	1	X	5.820			X	3.665	=	21.330	SQM
s6a	=	1	X	1.745			X	6.000	=	10.470	SQM
s6b	=	0.5	X	8.205	+	6.715	X	2.575	=	19.210	SQM
s6c	=	0.5	X	9.715	+	8.405	X	2.265	=	20.521	SQM
s6f	=	0.5	X	8.165	+	8.190	X	0.750	=	6.133	SQM
s6j	=	1	X	6.000			X	1.765	=	10.590	SQM
s7	=	1	X	1.735			X	5.915	=	10.263	SQM
s8	=	1	X	4.105			X	1.150	=	4.721	SQM
s9	=	1	X	1.605			X	3.005	=	4.823	SQM
s10	=	1	X	4.525			X	1.400	=	6.335	SQM
s11	=	1	X	7.155			X	6.100	=	43.646	SQM
s11a	=	1	X	1.605			X	6.000	=	9.630	SQM
s11b	=	0.5	X	6.560	+	7.275	X	0.620	=	4.289	SQM
s11c	=	1	X	6.000			X	1.750	=	10.500	SQM
s11d	=	0.5	X	6.000	+	7.265	X	2.135	=	14.160	SQM
s11e	=	0.5	X	7.465	+	9.085	X	2.730	=	22.591	SQM
s11f	=	0.5	X	6.790	+	6.000	X	1.400	=	8.953	SQM
s11g	=	0.5	X	5.885	+	6.790	X	1.585	=	10.045	SQM
s1h	=	0.5	X	4.940	+	6.085	X	2.000	=	11.025	SQM
s11j	=	0.5	X	3.830	+	4.490	X	0.765	=	3.182	SQM
s11k	=	0.5	X	3.615	+	2.965	X	0.760	=	2.500	SQM
s12	=	1	X	3.800			X	2.650	=	10.070	SQM
s12a	=	1	X	0.200			X	0.675	=	0.135	SQM
s12b	=	1	X	9.390			X	2.675	=	25.118	SQM
s13	=	0.5	X	13.250	+	13.210	X	0.900	=	11.907	SQM
s14	=	0.5	X	17.715	+	18.980	X	2.155	=	39.539	SQM
s15	=	0.5	X	18.980	+	17.730	X	2.155	=	39.555	SQM
s16	=	0.5	X	14.215	+	13.980	X	0.575	=	8.106	SQM
s16a	=	0.5	X	13.980	+	13.760	X	0.620	=	8.599	SQM
s17	=	0.5	X	13.315	+	13.310	X	2.190	=	29.154	SQM
s18	=	1	X	9.260			X	1.245	=	11.529	SQM
s19	=	1	X	0.200			X	0.700	=	0.140	SQM
s20	=	1	X	1.785			X	5.075	=	9.059	SQM
s21	=	1	X	1.875			X	0.150	=	0.281	SQM
s22	=	0.5	X	8.475	+	11.485	X	3.575	=	35.679	SQM
s22b	=	0.5	X	5.475	+	4.705	X	0.915	=	4.657	SQM
s22c	=	0.5	X	4.705	+	4.190	X	0.200	=	0.890	SQM
s22d	=	0.5	X	4.190	+	3.605	X	0.585	=	2.280	SQM
s22e	=	0.5	X	3.605	+	3.325	X	1.050	=	3.638	SQM
s22i	=	0.5	X	5.070	+	8.625	X	2.925	=	20.029	SQM
s22g	=	1	X	0.850			X	0.200	=	0.170	SQM
s28	=	0.5	X	5.050	+	1.575	X	1.150	=	3.809	SQM
s30	=	0.5	X	7.855	+	4.310	X	1.050	=	6.387	SQM
s31	=	0.5	X	9.370	+	10.915	X	0.585	=	5.933	SQM
s32	=	1	X	4.095			X	4.085	=	16.728	SQM
s32a	=	1	X	2.990			X	1.605	=	4.799	SQM
s35	=	1	X	0.675			X	9.850	=	6.649	SQM
s36	=	0.5	X	16.755	+	14.850	X	1.100	=	17.383	SQM
s38	=	0.5	X	6.715	+	7.235	X	0.445	=	3.104	SQM
s38a	=	1	X	1.800			X	6.000	=	10.800	SQM
s38b	=	0.5	X	7.095	+	6.695	X	0.700	=	4.827	SQM
s38c	=	0.5	X	4.620	+	7.095	X	4.300	=	25.187	SQM
s38f	=	0.5	X	8.400	+	9.710	X	2.265	=	20.510	SQM
s38g	=	0.5	X	6.715	+	8.200	X	2.565	=	19.128	SQM
s38g	=	1	X	6.000			X	2.970	=	17.820	SQM
s39	=	0.5	X	6.715	+	5.480	X	1.795	=	10.945	SQM
s40	=	0.5	X	5.480	+	3.685	X	0.320	=	1.466	SQM
s42	=	1	X	4.525			X	2.270	=	10.272	SQM
s42a	=	1	X	1.735			X	1.000	=	1.735	SQM
s43	=	1	X	4.725			X	0.850	=	4.016	SQM
s44	=	1	X	0.800			X	3.450	=	2.760	SQM
s45	=	1	X	5.015			X	5.020	=	25.175	SQM
s46	=	1	X	6.005			X	2.970	=	17.835	SQM
s47	=	1	X	5.870			X	9.980	=	58.583	SQM
s48	=	1	X	6.015			X	1.735	=	10.436	SQM
s49	=	0.5	X	7.385	+	6.515	X	1.505	=	10.460	SQM
s50	=	0.5	X	18.530	+	16.840	X	3.065	=	54.205	SQM
s51	=	0.5	X	19.690	+	18.905	X	1.355	=	28.148	SQM
s52	=	1	X	0.795			X	0.265	=	0.211	SQM
s53	=	1	X	0.275			X	0.575	=	0.158	SQM
s54	=	0.5	X	18.645	+	19.690	X	1.810	=	34.663	SQM
s55	=	0.5	X	18.205	+	18.920	X	1.240	=	23.018	SQM
s56	=	1	X	1.335			X	6.000	=	8.010	SQM
s57	=	1	X	0.375			X	14.490	=	5.434	SQM
s58	=	0.5	X	7.435	+	11.475	X	7.005	=	66.232	SQM
s59	=	1	X	4.675			X	0.450	=	2.104	SQM
s60	=	0.5	X	3.405			X	0.700	=	1.192	SQM
s61	=	0.5	X	7.435	+	10.600	X	2.745	=	24.753	SQM
s62	=	1	X	2.365			X	3.775	=	8.928	SQM
s63	=	0.5	X	2.745	+	2.935	X	1.650	=	4.686	SQM
s64	=	0.5	X	14.375	+	14.010	X	0.630	=	8.941	SQM
s65	=	0.5	X	14.930	+	14.920	X	0.350	=	5.224	SQM
s67	=	0.5	X	13.380	+	13.325	X	0.095	=	1.268	SQM
s68	=	0.5	X	12.790	+	12.790	X	0.350	=	4.477	SQM
s69	=	1	X	11.880			X	0.540	=	6.415	SQM
s70	=	1	X	4.100			X	3.765	=	15.437	SQM
s71	=	1	X	0.550			X	0.575	=	0.316	SQM
s72	=	1	X	0.575			X	1.020	=	0.587	SQM
s73	=	1	X	0.610			X	0.450	=	0.275	SQM
s74	=	0.5	X	6.820	+	5.820	X	0.695	=	4.323	SQM
s75	=	1	X	3.010			X	5.675	=	17.082	SQM
s77	=	1	X	1.150			X	0.575	=	0.661	SQM
s78	=	0.5	X	7.715	+	6.715	X	1.710	=	12.338	SQM
s79	=	0.5	X	14.635	+	12.430	X	3.820	=	51.694	SQM
s80	=	0.5	X	16.420	+	13.920	X	4.325	=	65.610	SQM
s81	=	1	X	15.725			X	1.750	=	27.519	SQM
s82	=	0.5	X	9.355	+	9.640	X	0.500	=	4.749	SQM
s83	=	0.5	X	13.180	+	14.055	X	1.515	=	20.631	SQM
s84	=	0.5	X	13.880	+	13.180	X	0.605	=	8.186	SQM
s88	=	0.5	X	13.170	+	13.870	X	0.605	=	8.180	SQM
s90	=	0.5	X	14.045	+	13.170	X	1.520	=	20.683	SQM
s91	=	0.5	X	18.735	+	18.440	X	0.515	=	9.573	SQM
s92	=	0.5	X	15.765	+	18.735	X	5.160	=	89.010	SQM
s93	=	0.5	X	13.965	+	14.180	X	0.365	=	5.136	SQM
s94	=	1	X	13.255			X	1.745	=	23.130	SQM
s95	=	1	X	7.250			X	1.290	=	9.353	SQM
s96	=	0.5	X	15.825	+	13.330	X	4.325	=	63.048	SQM
s97	=	1	X	15.725			X	1.450	=	22.801	SQM
s98	=	1	X	6.950			X	0.305	=	2.120	SQM
s99	=	1	X	1.680			X	0.305	=	0.512	SQM
s100	=	1	X	1.900			X	0.300	=	0.570	SQM
s111	=	1	X	1.000			X	1.600	=	1.600	SQM
s112	=	1	X	5.800			X	4.740	=	27.492	SQM
s113	=	1	X	8.205			X	5.800	=	47.589	SQM
s114	=	0.5	X	25.345	+	24.995	X	3.650	=	91.871	SQM
s115	=	1	X	5.145			X	25.345	=	130.400	SQM
s116	=	1	X	4.995			X	2.000	=	9.990	SQM
s117	=	1	X	2.995			X	3.600	=	10.782	SQM
s118	=	1	X	11.045			X	5.130	=	56.661	SQM
s119	=	0.5	X	9.315	+	5.110	X	4.200	=	30.293	SQM
s120	=	1	X	5.200			X	5.100	=	26.520	SQM
s121	=	1	X	13.965			X	28.660	=	400.237	SQM
s122	=	0.5	X	19.100	+	16.600	X	2.700	=	48.195	SQM
s123	=	0.5	X	28.640	+	25.745	X	5.135	=	139.621	SQM
s124	=	1	X	1.505			X	5.000	=	7.525	SQM
s125	=	0.5	X	5.000	+	5.050	X	0.480	=	2.412	SQM
s126	=	0.5	X	5.050	+	3.575	X	3.095	=	13.347	SQM
s127	=	0.5	X	3.095			X	1.400	=	2.167	SQM
s128	=	1	X	1.000			X	1.600	=	1.600	SQM
s129	=	0.5	X	4.980			X	10.485	=	26.108	SQM
s130	=	0.5	X	10.485	+	12.165	X	1.365	=	15.459	SQM
s131	=	0.5	X	12.165	+	21.395	X	5.185	=	87.004	SQM
s132	=	0.5	X	21.395	+	21.045	X	1.745	=	37.029	SQM
s133	=	0.5	X	8.690			X	1.055	=	4.584	SQM
s134	=	0.5	X	29.720	+	27.250	X	12.030	=	342.675	SQM
s136	=	1	X	0.205			X	1.000	=	0.205	SQM
s137	=	0.5	X	22.000	+	20.540	X	7.130	=	151.655	SQM
s138	=	0.5	X	1.140			X	3.515	=	2.004	SQM
s139	=	0.5	X	3.515	+	3.105	X	1.260	=	4.171	SQM
s140	=	1	X	3.105			X	3.465	=	10.759	SQM
s141	=	0.5	X	20.540	+	19.040	X	5.880	=	115.969	SQM
s142	=	0.5	X	16.995	+	15.800	X	3.090	=	50.668	SQM
s143	=	1	X	4.000			X	4.500	=	18.000	SQM
s143a	=	1	X	1.600			X	1.000	=	1.600	SQM
s144	=	0.5	X	23.175	+	19.275	X	7.360	=	156.218	SQM
s145	=	0.5	X	19.275	+	19.530	X	1.940	=	37.641	SQM
s146	=	1	X	1.600			X	6.250	=	10.000	SQM
s147	=	1	X	4.195			X	4.850	=	20.346	SQM
s148	=	1	X	2.255			X	12.145	=	27.387	SQM
s149	=	1	X	1.000			X	1.600	=	1.600	SQM
s150	=	1	X	2.255			X	3.850	=	8.682	SQM
s151	=	1	X	5.800			X	4.850	=	28.130	SQM
								TOTAL	=	4116.475	SQM

BASEMENT-01
AREA CALCULATION

AREA CALCULATION BASEMENT-01

NO.	A		B		C				s	AREA OF =S(S-A)(S-B)(S-C)	
GROSS - F											
s6d	9.310	+	9.125	+	0.800	/	2	=	9.6	12.843	3.584 SQM
s6e	9.125	+	8.190	+	2.850	/	2	=	10	132.139	11.495 SQM
s6g	8.165	+	8.355	+	0.225	/	2	=	8.4	0.248	0.498 SQM
s6h	5.000	+	8.355	+	6.695	/	2	=	10	280.144	16.737 SQM
s11m	2.965	+	3.830	+	2.965	/	2	=	4.9	18.791	4.335 SQM
s13a	17.715	+	15.450	+	11.415	/	2	=	22	7585.541	87.095 SQM
s13b	15.450	+	13.080	+	3.345	/	2	=	16	279.572	16.720 SQM
s22a	1.715	+	23.675	+	22.605	/	2	=	24	240.135	15.496 SQM
s22h	5.670	+	7.410	+	4.845	/	2	=	9	188.634	13.734 SQM
s23	22.605	+	22.165	+	2.730	/	2	=	24	906.006	30.100 SQM
s23a	2.730	+	2.595	+	0.400	/	2	=	2.9	0.250	0.500 SQM
s24	0.430	+	1.795	+	1.740	/	2	=	2	0.140	0.374 SQM
s25	1.110	+	8.640	+	7.950	/	2	=	8.9	12.946	3.598 SQM
s26	0.765	+	7.950	+	7.685	/	2	=	8.2	7.850	2.802 SQM
s27	8.640	+	17.100	+	22.600	/	2	=	24	4166.460	64.548 SQM
s29	0.680	+	1.175	+	1.355	/	2	=	1.6	0.160	0.399 SQM
s32b	3.010	+	10.915	+	11.330	/	2	=	13	269.847	16.427 SQM
s33	6.585	+	16.755	+	11.330	/	2	=	17	649.043	25.476 SQM
s34	1.185	+	6.585	+	7.290	/	2	=	7.5	10.836	3.292 SQM
s37	7.235	+	13.760	+	14.150	/	2	=	18	2370.295	48.686 SQM
s38d	0.755	+	4.385	+	4.210	/	2	=	4.7	2.471	1.572 SQM
s38e	2.850	+	4.210	+	4.195	/	2	=	5.6	31.739	5.634 SQM
s38j	4.195	+	0.800	+	4.340	/	2	=	4.7	2.793	1.671 SQM
s41	3.685	+	3.385	+	0.800	/	2	=	3.9	1.696	1.302 SQM
s66	13.380	+	13.295	+	13.270	/	2	=	20	5892.957	76.766 SQM
s76	0.750	+	0.865	+	0.435	/	2	=	1	0.027	0.163 SQM
s85	13.880	+	27.080	+	23.455	/	2	=	32	26490.980	162.761 SQM
s86	13.870	+	23.455	+	13.215	/	2	=	25	6303.096	79.392 SQM
s87	13.295	+	13.215	+	0.095	/	2	=	13	0.115	0.340 SQM
s103	0.585	+	0.680	+	0.340	/	2	=	0.8	0.010	0.099 SQM
s135	5.255	+	4.995	+	1.630	/	2	=	5.9	16.572	4.071 SQM
					TOTAL					=	899.668 SQM

AREA CALCULATION BASEMENT-01

NO.	A		B		C				s	AREA OF =S(S-A)(S-B)(S-C)	
GROSS - C											
x1	27.325	+	23.895	+	11.245	/	2	=	31	17898.322	133.785 SQM
x2	23.895	+	21.835	+	11.100	/	2	=	28	14633.037	120.967 SQM
								TOTAL		=	254.752 SQM

NET AREA OF BASEMENT-01	=	GROSS-A	+	GROSS-B	-	GROSS-C					
	=	13250.898	+	24.211	-	254.752					
GROSS-1	=	13020.358	SQM								
SERVICE AREA OF BASEMENT -01	=	GROSS-D	+	GROSS-E	+	GROSS-F	-	GROSS-G			
	=	4116.475	+	26.041	+	699.668	-	5.270			
GROSS-2	=	4836.913	SQM								
PARKING AREA OF BASEMENT-01	=	GROSS-1	-	GROSS-2							
	=	13020.358	-	4836.913							
GROSS-3	=	8183.445	SQM								
	=	GROSS-3									
NO. OF CAR ACHIEVABLE IN BASEMENT-01	=	8183.445	/	32		255.733	ECS				
OR SAY	=	256	ECS								

SERVICE AREA

ARC AREA																					
GROSS - E																					
a1	3.14	X	2.700	X	2.700	X	86	/	360	-	0.5	X	2.700	-	0.720	X	3.675	=	1.830	SQM
a2	3.14	X	13.100	X	13.100	X	70	/	360	-	0.5	X	13.100	-	2.365	X	15.010	=	24.211	SQM
																TOTAL	=	26.041	SQM		

SERVICE AREA

ARC AREA																					
GROSS - G																					
d1	3.14	X	4.200	X	4.200	X	90	/	360	-	0.5	X	4.200	-	1.230	X	5.940	=	5.027	SQM
d2	3.14	X	2.300	X	2.300	X	47	/	360	-	0.5	X	2.300	-	0.185	X	1.820	=	0.244	SQM
																TOTAL	=	5.270	SQM		

ARC AREA																					
GROSS - B																					
b9	3.14	X	13.100	X	13.100	X	70	/	360	-	0.5	X	13.100	-	2.365	X	15.010	=	24.211	SQM
																TOTAL	=	24.211	SQM		

Project

PROPOSED BUILDING PLAN OF GROUP HOUSING COLONY FOR PHASE 3 AREA MEASURING 8.19375 ACRES PART OF TOTAL LICENSED LAND MEASURING 34.175 ACRES(LICENCE NO. 16 OF 2008 DATED 31.01.2008, LICENCE NO. 28 OF 2008 DATED 17.02.2008, LICENCE NO. 44 OF 2011 DATED 13.05.2011) IN SECTOR-59 GURUGRAM MANESAR URBAN COMPLEX BEING DEVELOPED BY BTVS BUILDWELL PVT LTD. AND OTHERS IN COLLABORATION WITH BASE EXPORTS PVT LTD. AND BUZZ HOTELS PVT. LTD.

Architects:

Morphogenesis
Plot No. 41, Industrial Estate,
Okhla Phase-III,
New Delhi 110020, India
TEL: +91 11 41828070
FAX: 91 11 26490351
E Mail:studio@morphogenesis.org

Associate Architects:

SBA Design N Code LLP
Architecture·Codes·Interiors
(Formerly known as RSMS)
Plot no. 10 A&B, Bhawani Kunj,
Behind D2,Vasant Kunj,
New Delhi-110070.
Mob.: 9810791652,9811077209

OWNER'S SEAL & SIGNATURE

Base Exports Private Limited
BUZZ HOTELS PVT LTD

BIP HOLDER SEAL & SIGNATURE

Base Buildwell Private Limited

ARCHITECT'S SEAL & SIGNATURE

REENA SHARMA
B.ARCH
CA/2016/77247

JUL,-2026 | Scale : 1:200

Drawing Title:- BASEMENT-01 AREA CALCULATION

Drawing No:- BS-01b

03-20072026