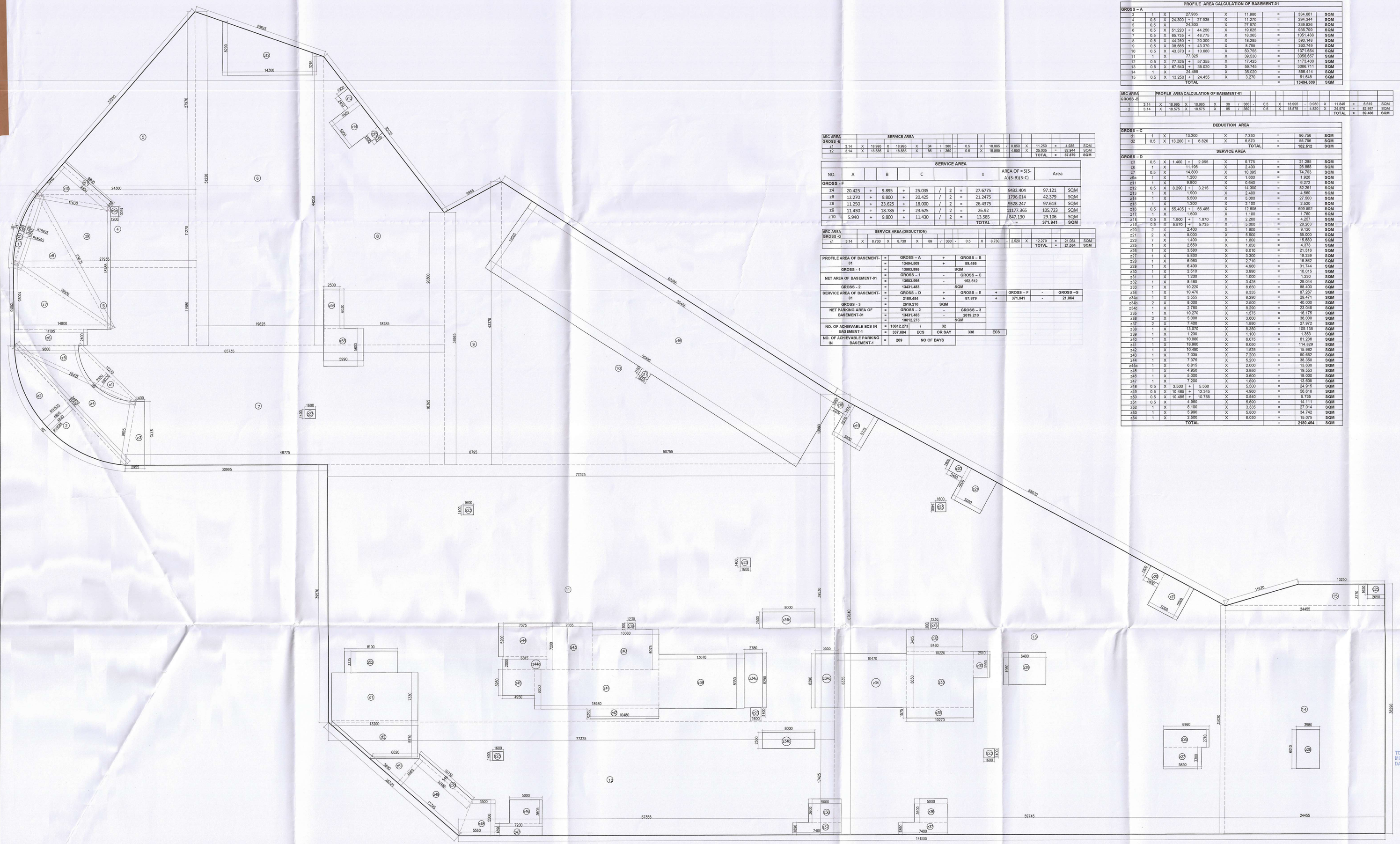

BASEMENT 01

ARC AREA GROSS -E																	
SERVICE AREA																	
z1	3.14	X	18.995	X	18.995	X	34	/	360	-	0.5	X	18.995	-	0.850	X	11.250	=	4.835	SQM
z2	3.14	X	18.585	X	18.585	X	85	/	360	-	0.5	X	18.585	-	4.850	X	25.035	=	82.844	SQM
																	TOTAL	=	87.679	SQM

SERVICE AREA													
NO.	A		B		C				s	AREA OF = S(S-A)(S-B)(S-C)		Area	
GROSS - F													
z4	20.425	+	9.895	+	25.035	/	2	=	27.6775	9432.404		97.121	SQM
z5	12.270	+	9.800	+	20.425	/	2	=	21.2475	1796.014		42.379	SQM
z8	11.250	+	23.625	+	18.000	/	2	=	26.4375	8528.247		97.613	SQM
z9	11.430	+	18.785	+	23.625	/	2	=	26.92	11177.365		105.723	SQM
z10	5.940	+	9.800	+	11.430	/	2	=	13.585	847.130		29.106	SQM
									TOTAL	=		371.941	SQM

ARC AREA GROSS -G																	
SERVICE AREA (DEDUCTION)																	
x1	3.14	X	8.730	X	8.730	X	89	/	360	-	0.5	X	8.730	-	2.520	X	12.270	=	21.064	SQM
																	TOTAL	=	21.064	SQM

PROFILE AREA OF BASEMENT-01	=	GROSS – A	+	GROSS – B			
	=	13494.509	+	89.486			
GROSS - 1	=	13583.995	SQM				
NET AREA OF BASEMENT-01	=	GROSS – 1	-	GROSS – C			
	=	13583.995	-	182.512			
GROSS - 2	=	13431.483	SQM				
SERVICE AREA OF BASEMENT-01	=	GROSS – D	+	GROSS – E	+	GROSS – F	- GROSS –G
	=	2160.454	+	87.879	+	371.941	- 21.064
GROSS - 3	=	2619.210	SQM				
NET PARKING AREA OF BASEMENT-01	=	GROSS – 2	-	GROSS – 3			
	=	13431.483	-	2619.210			
	=	19812.273	SQM				
NO. OF ACHIEVABLE ECS IN BASEMENT-1	=	19812.273	/	32			
	=	337.884	ECS	OR SAY	338	ECS	
NO. OF ACHIEVABLE PARKING IN BASEMENT-1	=	209	NO OF BAYS				

PROFILE AREA CALCULATION OF BASEMENT-01																	
GROSS – A																	
3	1	X	27.935	X	11.980	=	334.661	SQM
4	0.5	X	24.300	+	27.935	X	11.270	=	294.344	SQM
5	0.5	X	24.300	X	27.970	=	339.836	SQM
6	0.5	X	51.220	+	44.250	X	19.625	=	936.799	SQM
7	0.5	X	65.735	+	48.775	X	18.365	=	1051.468	SQM
8	0.5	X	44.250	+	20.300	X	18.285	=	590.148	SQM
9	0.5	X	38.995	+	43.370	X	8.795	=	360.749	SQM
10	0.5	X	43.370	+	10.680	X	50.755	=	1371.654	SQM
11	1	X	77.325	X	39.530	=	3056.657	SQM
12	0.5	X	77.325	+	57.355	X	17.425	=	1173.400	SQM
13	0.5	X	67.640	+	35.020	X	59.745	=	3066.711	SQM
14	1	X	24.455	X	35.020	=	856.414	SQM
15	0.5	X	13.250	+	24.455	X	3.270	=	61.648	SQM
TOTAL						=	13494.509	SQM

ARC AREA GROSS -B	PROFILE AREA CALCULATION OF BASEMENT-01																					
1	3.14	X	18.995	X	18.995	X	38	/	360	-	0.8	X	18.995	-	0.930	X	11.845	=	8.619	SQM
2	3.14	X	18.575	X	18.575	X	88	/	360	-	0.5	X	18.575	-	4.820	X	24.870	=	82.867	SQM
																	TOTAL	=	89.486	SQM

DEDUCTION AREA								
GROSS – C								
d1	1	X	13.200	X	7.330	=	96.756	SQM
d2	0.5	X	13.200	+	6.820	X	5.570	=	55.756	SQM
TOTAL						=	152.512	SQM
SERVICE AREA								
GROSS – D								
z3	0.5	X	1.400	+	2.955	X	9.775	=	21.285	SQM
z6	1	X	11.195	X	2.400	=	26.868	SQM
z7	0.5	X	14.800	X	10.095	=	74.703	SQM
z9a	1	X	1.200	X	1.600	=	1.920	SQM
z11	1	X	9.800	X	0.640	=	6.272	SQM
z12	0.5	X	8.290	+	3.215	X	14.300	=	82.261	SQM
z13	1	X	1.900	X	2.400	=	4.560	SQM
z14	1	X	5.500	X	5.000	=	27.500	SQM
z15	1	X	1.200	X	2.100	=	2.520	SQM
z16	0.5	X	55.405	+	56.485	X	12.505	=	699.592	SQM
z17	1	X	1.800	X	1.100	=	1.760	SQM
z18	0.5	X	1.900	+	1.970	X	2.200	=	4.257	SQM
z19	0.5	X	5.570	+	5.735	X	5.000	=	28.283	SQM
z20	2	X	2.400	X	1.900	=	9.120	SQM
z21	2	X	5.000	X	5.500	=	55.000	SQM
z23	1	X	1.400	X	1.800	=	15.680	SQM
z25	1	X	2.800	X	1.650	=	4.373	SQM
z26	1	X	3.580	X	6.010	=	21.516	SQM
z27	1	X	5.830	X	3.300	=	19.239	SQM
z28	1	X	6.960	X	2.710	=	18.862	SQM
z29	1	X	6.400	X	4.960	=	31.744	SQM
z30	1	X	3.510	X	3.960	=	10.015	SQM
z31	1	X	1.230	X	1.000	=	1.230	SQM
z32	1	X	8.480	X	3.425	=	29.044	SQM
z33	1	X	10.220	X	8.650	=	88.403	SQM
z34	1	X	10.470	X	8.335	=	87.287	SQM
z34a	1	X	3.555	X	8.290	=	29.471	SQM
z34b	2	X	8.000	X	2.500	=	40.000	SQM
z34c	1	X	2.780	X	8.290	=	23.046	SQM
z35	1	X	10.270	X	1.575	=	16.175	SQM
z36	2	X	5.000	X	3.600	=	36.000	SQM
z37	2	X	7.400	X	1.890	=	27.972	SQM
z38	1	X	13.070	X	8.350	=	109.135	SQM
z39	1	X	1.230	X	1.100	=	1.353	SQM
z40	1	X	10.080	X	6.075	=	61.238	SQM
z41	1	X	18.980	X	6.050	=	114.829	SQM
z42	1	X	10.480	X	1.525	=	15.982	SQM
z43	1	X	7.035	X	7.200	=	50.652	SQM
z44	1	X	7.375	X	5.200	=	38.350	SQM
z44a	1	X	6.815	X	2.000	=	13.630	SQM
z45	1	X	4.950	X	3.950	=	19.553	SQM
z46	1	X	5.000	X	3.600	=	18.000	SQM
z47	1	X	7.200	X	1.890	=	13.608	SQM
z48	0.5	X	3.500	+	5.560	X	5.500	=	24.915	SQM
z49	0.5	X	10.485	+	12.345	X	4.960	=	56.618	SQM
z50	0.5	X	10.485	+	10.755	X	0.540	=	5.735	SQM
z51	0.5	X	4.960	X	5.690	=	14.111	SQM
z52	1	X	8.100	X	3.335	=	27.014	SQM
z53	1	X	5.990	X	5.600	=	34.742	SQM
z54	1	X	2.500	X	6.030	=	15.075	SQM
TOTAL						=	2160.454	SQM

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.

Project

PROPOSED BUILDING PLAN OF RESIDENTIAL GROUP HOUSING COLONY OVER AN AREA MEASURING 5.10625 ACRE (LICENSE NO. 61 OF 2025 DATED 01-05-2025) IN SECTOR 103, GURUGRAM BEING DEVELOPED BY SUN INTERNATIONAL LTD. & OTHERS IN COLLABORARION WITH FLORALESSENCE PROJECTS PRIVATE LIMITED.

Client

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Mob.: 9810791652,9811077209

S.T.P.(HQ) Member/Secretary B.P.A.C. | S.T.P.(G) Member B.P.A.C. | C.T.P.(HR) Chairman B.P.A.C.

DTP(HQ) | ATP(HQ)

AD | PA | ATP

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

JDT(T) MEMBER BPAC | Rajesh Dutt SD(HQ)

OWNER'S SEAL & SIGNATURE

FLORALESSENCE PROJECTS PRIVATE LIMITED
Authorised Signatory

ARCHITECT'S SEAL & SIGNATURE

MORPHOGENESIS PN-201-411/2007

POOJA NIKHAR
CA/2012/55585

OCT.-2025	Scale : 1:200	
Drawing Title:- BASEMENT-01 AREA CALCULATION		Drawing No:- BS-01a
N		B 31-OCT.-25