AREA CALCULATION BASEMENT-02

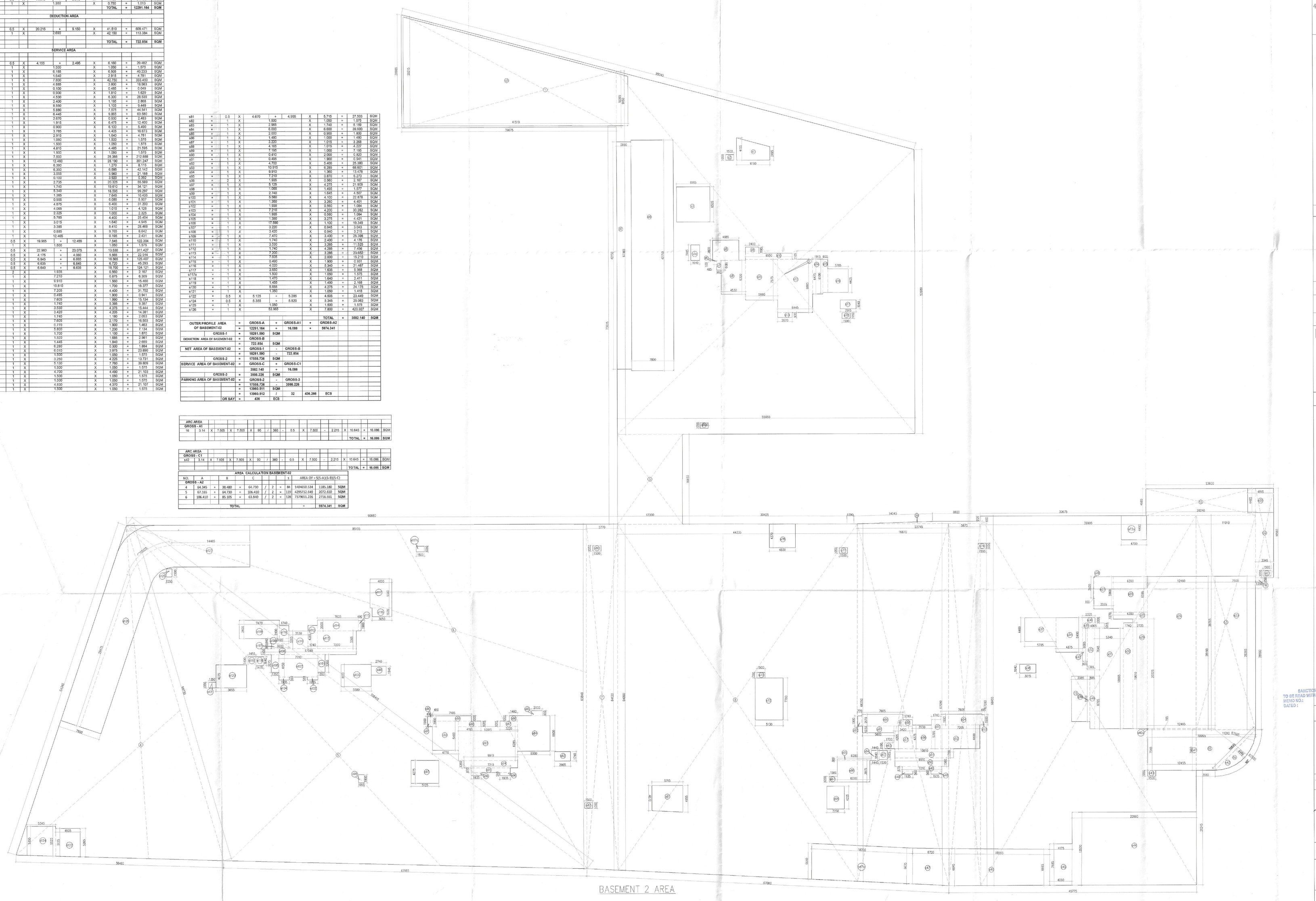
GROSS - A											
1	=	0.5	X	20.595	+	10.365	X	39.675	=	621.906	SQM
2	=	0.5	X	67.365	+	52.680	X	85.035	=	3304.539	SQM
3	=	0.5	X			16.000	X	16.950	=	199.800	SQM
7	=	0.5	X	83.840	+	84.120	X	3.770	=	369.165	SQM
8	=	0.5	X	64.050	+	66.250	X	44.335	=	2889.312	SQM
9	=	0.5	X	66.250	+	67.090	X	16.870	=	1134.733	SQM
9a	=	0.5	X	22.740	+	8.820	X	0.410	=	6.471	SQM
10	=	1	X			3.875	X	67.090	=	259.954	SQM
11	=	1	X			39.995	X	68.465	=	2739.697	SQM
12	=	1	X			20.240	X	4.985	=	100.896	SQM
13	=	1	X			19.010	X	39.785	=	437.813	SQM
14	=	0.5	X	3.360	+	3.345	X	16.560	=	55.517	SQM
15	=	0.5	X	11.010	+	3.910	X	7.460	=	54.160	SQM
16	=	1	X			1.300	X	0.790	=	1.013	SQM
								TOTAL	**=**	**12261.164**	**SQM**
DEDUCTION AREA											
GROSS – B											
d1	=	0.5	X	20.215	+	9.150	X	41.810	=	609.471	SQM
d2	=	1	X			2.690	X	42.190	=	113.384	SQM
								TOTAL	**=**	**722.854**	**SQM**
SERVICE AREA											
GROSS – C											
s1	=	0.5	X	4.155	+	2.495	X	6.160	=	20.482	SQM
s2	=	1	X			1.500	X	1.050	=	1.575	SQM
s3	=	1	X			6.185	X	6.505	=	40.233	SQM
s3a	=	1	X			1.640	X	2.915	=	4.781	SQM
s4	=	1	X			7.800	X	42.750	=	333.450	SQM
s5	=	1	X			4.885	X	3.800	=	18.563	SQM
s6	=	1	X			0.100	X	0.485	=	0.049	SQM
s7	=	1	X			0.500	X	1.810	=	1.629	SQM
s8	=	1	X			4.530	X	6.300	=	28.539	SQM
s9	=	1	X			2.400	X	1.195	=	2.868	SQM
s10	=	1	X			8.550	X	1.105	=	9.448	SQM
s11	=	1	X			5.880	X	7.575	=	44.541	SQM
s12	=	1	X			6.445	X	9.865	=	63.580	SQM
s13	=	1	X			2.670	X	0.930	=	2.483	SQM
s14	=	1	X			1.915	X	6.475	=	12.400	SQM
s15	=	1	X			0.900	X	6.100	=	5.490	SQM
s16	=	1	X			3.785	X	1.405	=	18.673	SQM
s17	=	1	X			2.915	X	1.640	=	4.781	SQM
s18	=	1	X			1.050	X	1.500	=	1.575	SQM
s19	=	1	X			1.050	X	1.050	=	1.575	SQM
s20	=	1	X			4.810	X	4.485	=	21.568	SQM
s21	=	1	X			1.500	X	1.050	=	1.575	SQM
s23	=	1	X			7.500	X	28.365	=	212.888	SQM
s24	=	1	X			12.460	X	28.190	=	351.247	SQM
s25	=	1	X			6.390	X	1.270	=	8.115	SQM
s26	=	1	X			6.900	X	6.595	=	42.142	SQM
s27	=	1	X			3.555	X	5.960	=	21.188	SQM
s28	=	1	X			0.100	X	3.920	=	0.392	SQM
s29	=	1	X			2.735	X	20.325	=	55.589	SQM
s30	=	1	X			3.740	X	19.810	=	34.121	SQM
s31	=	1	X			5.340	X	18.590	=	99.297	SQM
s32	=	1	X			1.385	X	7.545	=	10.448	SQM
s33	=	1	X			0.905	X	6.085	=	5.507	SQM
s34	=	1	X			4.975	X	6.430	=	31.200	SQM
s35	=	1	X			4.085	X	1.010	=	4.126	SQM
s36	=	1	X			2.325	X	1.000	=	2.325	SQM
s37	=	1	X			5.785	X	4.420	=	25.454	SQM
s38	=	1	X			3.015	X	1.640	=	4.945	SQM
s39	=	1	X			3.385	X	8.410	=	28.468	SQM
s40	=	1	X			0.885	X	9.765	=	8.642	SQM
s40a	=	1	X			12.465	X	0.195	=	2.431	SQM
s41	=	0.5	X	19.965	+	12.455	X	7.545	=	122.204	SQM
s43	=	1	X			1.050	X	1.050	=	1.575	SQM
s44	=	0.5	X	22.960	+	23.075	X	13.930	=	311.427	SQM
s45	=	0.5	X	4.175	+	4.080	X	5.865	=	22.914	SQM
s46	=	0.5	X	6.845	+	6.665	X	18.965	=	126.997	SQM
s47	=	0.5	X	6.635	+	6.845	X	6.720	=	45.293	SQM
s47a	=	0.5	X	6.640	+	6.635	X	18.700	=	124.127	SQM
s48	=	2	X			1.335	X	0.860	=	2.167	SQM
s49	=	1	X			7.210	X	0.875	=	6.309	SQM
s50	=	1	X			9.910	X	1.560	=	15.460	SQM
s51	=	1	X			10.810	X	1.700	=	18.377	SQM
s52	=	1	X			7.205	X	4.400	=	31.702	SQM
s53	=	1	X			0.485	X	1.960	=	0.941	SQM
s54	=	1	X			7.605	X	1.990	=	15.134	SQM
s55	=	1	X			1.740	X	5.395	=	9.387	SQM
s56	=	1	X			3.530	X	4.375	=	15.444	SQM
s57	=	1	X			3.420	X	4.205	=	14.381	SQM
s58	=	1	X			1.740	X	1.180	=	2.053	SQM
s59	=	1	X			7.605	X	2.170	=	16.503	SQM
s60	=	1	X			0.770	X	1.900	=	1.463	SQM
s61	=	1	X			5.800	X	1.230	=	7.134	SQM
s62	=	1	X			1.700	X	1.100	=	1.870	SQM
s63	=	1	X			1.520	X	1.695	=	2.573	SQM
s64	=	1	X			1.445	X	1.840	=	2.659	SQM
s65	=	1	X			6.285	X	0.300	=	1.884	SQM
s66	=	1	X			6.010	X	3.975	=	23.890	SQM
s67	=	1	X			1.050	X	1.050	=	1.575	SQM
s68	=	1	X			3.250	X	4.225	=	13.731	SQM
s72	=	1	X			5.130	X	7.760	=	39.809	SQM
s73	=	1	X			1.050	X	1.050	=	1.575	SQM
s73a	=	1	X			4.720	X	4.490	=	21.193	SQM
s77	=	1	X			1.050	X	1.050	=	1.575	SQM
s77	=	1	X			1.050	X	1.050	=	1.575	SQM
s78	=	1	X			4.830	X	4.370	=	21.107	SQM
s80	=	1	X			1.050	X	1.050	=	1.575	SQM
s81	=	0.5	X	4.670	+	4.995	X	5.715	=	27.503	SQM
s82	=	1	X			1.500	X	1.050	=	1.575	SQM
s83	=	1	X			2.965	X	1.740	=	5.159	SQM
s84	=	1	X			6.000	X	6.600	=	39.600	SQM
s85	=	1	X			2.000	X	0.900	=	1.800	SQM
s86	=	1	X			1.480	X	1.000	=	1.480	SQM
s87	=	1	X			3.220	X	1.015	=	3.268	SQM
s88	=	1	X			4.165	X	1.015	=	4.227	SQM
s89	=	1	X			7.195	X	1.000	=	7.195	SQM
s90	=	1	X			0.410	X	2.000	=	0.820	SQM
s91	=	1	X			0.495	X	1.900	=	0.941	SQM
s92	=	1	X			4.700	X	5.400	=	25.380	SQM
s93	=	1	X			10.915	X	6.285	=	68.601	SQM
s94	=	1	X			9.910	X	1.360	=	13.478	SQM
s95	=	1	X			7.210	X	0.870	=	6.272	SQM
s96	=	2	X			1.995	X	0.560	=	2.187	SQM
s97	=	1	X			5.105	X	4.275	=	21.828	SQM
s98	=	1	X			1.055	X	1.465	=	1.577	SQM
s99	=	1	X			2.740	X	1.645	=	4.507	SQM
s100	=	1	X			5.680	X	4.100	=	22.878	SQM
s101	=	1	X			1.360	X	3.260	=	4.431	SQM
s102	=	1	X			1.995	X	0.560	=	1.084	SQM
s103	=	1	X			7.210	X	4.200	=	30.282	SQM
s104	=	1	X			1.995	X	0.560	=	1.084	SQM
s105	=	1	X			1.360	X	3.175	=	4.421	SQM
s106	=	1	X			17.590	X	1.100	=	19.349	SQM
s107	=	1	X			3.220	X	0.945	=	3.043	SQM
s108	=	1	X			3.420	X	0.940	=	3.215	SQM
s109	=	1	X			7.470	X	3.400	=	25.398	SQM
s110	=	1	X			1.740	X	2.400	=	4.176	SQM
s111	=	1	X			3.530	X	1.265	=	11.525	SQM
s112	=	1	X			1.740	X	4.285	=	7.456	SQM
s113	=	1	X			7.200	X	3.395	=	23.652	SQM
s114	=	1	X			7.605	X	2.000	=	15.210	SQM
s115	=	1	X			0.480	X	1.900	=	0.931	SQM
s116	=	1	X			4.020	X	5.340	=	21.467	SQM
s117	=	1	X			3.550	X	1.635	=	5.968	SQM
s117a	=	1	X			1.500	X	1.050	=	1.575	SQM
s118	=	1	X			1.470	X	1.640	=	2.411	SQM
s119	=	1	X			1.455	X	1.490	=	2.168	SQM
s120	=	1	X			5.695	X	4.275	=	24.175	SQM
s121	=	1	X			1.350	X	1.050	=	1.418	SQM
s122	=	0.5	X	5.125	+	5.285	X	4.505	=	23.448	SQM
s124	=	0.5	X	5.355	+	5.520	X	5.345	=	29.063	SQM
s125	=	1	X			1.050	X	1.500	=	1.575	SQM
s126	=	1	X			53.965	X	7.800	=	420.927	SQM
								TOTAL	**=**	**3592.140**	**SQM**

OUTER PROFILE AREA OF BASEMENT-02	=	GROSS-A	+	GROSS-A1	+	GROSS-A2
	=	12261.164	+	16.086	=	5974.341
GROSS-1	=	18251.590	SQM			
DEDUCTION AREA OF BASEMENT-02	=	GROSS-B				
	=	722.854	SQM			
NET AREA OF BASEMENT-02	=	GROSS-1	-	GROSS-B		
	=	18251.590	-	722.854		
GROSS-2	=	17528.736	SQM			
SERVICE AREA OF BASEMENT-02	=	GROSS-C	+	GROSS-C1		
		3592.140	+	16.086		
GROSS-3	=	3608.226	SQM			
PARKING AREA OF BASEMENT-02	=	GROSS-2	-	GROSS-3		
	=	17528.736	-	3608.226		
	=	13920.511	SQM			
	=	13960.912	/	32	436.266	ECS
OR SAY	=	436	ECS			

ARC AREA																							
GROSS - A1																							
16	3.14	X	7.505	X	7.505	X	90	/	360	-	0.5	X	7.500	-	2.215	X	10.645	=	16.086	SQM			
																	TOTAL	=	16.086	SQM			

ARC AREA																							
GROSS - C1																							
s42	3.14	X	7.505	X	7.505	X	90	/	360	-	0.5	X	7.500	-	2.215	X	10.645	=	16.086	SQM			
																	TOTAL	=	16.086	SQM			

AREA CALCULATION BASEMENT-02													
NO.	A		B		C					AREA OF (S(5-A)(S-B)(S-C))			
GROSS - A2													
4	84.365	+	38.480	+	64.790	/	2	=	86	140460.534	1185.180	SQM	
5	67.365	+	64.790	+	106.420	/	2	=	119	429512.648	2072.610	SQM	
6	106.410	+	85.105	+	63.840	/	2	=	128	737963.226	2716.551	SQM	
			TOTAL							=	**5974.341**	**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 RESIDENTIAL COLONY (UNDER NILP POLICY DATED 11.05.2021) OVER AN AREA MEASURING 12.40 ACRES (LICENCE NO. 187 OF 2025 DATED 25-09-2025) IN THE REVENUE ESTATE FAZILPUR JHARSA, SECTOR - 7, GURUGRAM, MANESAR URBAN COMPLEX BEING DEVELOPED BY M/s SIGNATURE GLOBAL (INDIA) LTD. DEVELOPED BY UNISTAY HOSPITALITY PVT.LTD., YESHA DEVELOPERS LLP IN COLLABORATION WITH SIGNATUREGLOBAL (INDIA) LTD.

Client

SIGNATURE GLOBAL (INDIA) LTD.

Architects:

BOSE BROTHERS

ARCHITECTS,ENGINEERS,
INTERIOR DESIGNERS,CITY PLANNERS,
21-D CONNAUGHT PLACE,NEW DELHI-110001,
S-229, PANCHSHILA PARK. NEW DELHI-110017
DELHI CALCUTTA BOMBAY

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

ATP(HQ)

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

OWNER'S SEAL & SIGNATURE

JD. | P.A. | A.T.P. | CHIEF ARCHITECT PA(HQ)

FSO, DTP Member BPAC

SIGNATURE

ARCHITECT'S SEAL & SIGNATURE

BROTHERS ARCHITECTS & ENGINEERS KENAL BOSE CALCUTTA

DEC.-2025 | Scale : 1:200

Drawing Title:- BASEMENT-02 AREA CALCULATION

Drawing No:- BS-05

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