

AREA CALCULATIONS - BASEMENT A
 ADDITION-DEDUCTION
 =14057.05-1236.01=12821.04 Sqmt

ADDITION
 A=08.031x48.272=394.814=1201.03
 B=0.888x0.321x=0.11
 C=0.30x154x74.480=358.272=3048.62
 D=480x60x410x=2818.83
 E=180x413x7.554=328.462=2411.16
 F=157.588x8.720=1408.813=2577.20
 G=28.21x17.73x=94.01
 H=1.328x7.174x=4.77
 I=17.831x28.211x=49.215=1083.76
 J=57.556x7.007x=271.17
 K=17.831x18.500x=328.92
 L=24.47x3.222x=78.56
 M=40.813x14.180x=576.36
 N=12.375x4.203x=51.83
 O=4.687x4.853x=22.54
 TOTAL=14057.05 sqm

DEDUCTION
 A1=100.888x18.377x=1836.01

AREA CALCULATIONS - BASEMENT D
 ADDITION
 A=19.362x15.428x=298.58
 B=0.609x2.702x=1.66
 C=40.960x2.59x=107.05
 D=33.317x25.609x=854.55
 E=29.188x3.143x=91.77
 F=17.88x10.927x=194.76
 G=17.84x2.215x=39.50
 TOTAL=1576.593 sqm

S.N.	DESCRIPTION	LENGTH(m)	WIDTH(m)	NO.	AREA	UNIT
01	Rectangle	5.310	5.005	1	26.58	Sqmt
02	Rectangle	18.970	1.430	1	27.13	Sqmt
03	Rectangle	11.390	3.575	1	40.72	Sqmt
04	Rectangle	7.910	1.430	1	11.31	Sqmt
05	Rectangle	6.010	3.575	1	21.49	Sqmt
06	Rectangle	8.070	1.430	1	11.54	Sqmt
07	Rectangle	5.460	3.575	1	19.52	Sqmt
08	Rectangle	3.660	1.660	7	42.53	Sqmt
09	Rectangle	1.510	1.280	3	5.80	Sqmt
10	Rectangle	8.570	7.415	3	190.64	Sqmt
11	Rectangle	6.090	2.130	3	38.92	Sqmt
12	Rectangle	4.990	2.130	3	31.89	Sqmt
13	Rectangle	0.770	2.985	3	6.90	Sqmt
14	Rectangle	2.860	1.500	3	12.87	Sqmt
15	Rectangle	3.160	5.560	3	52.71	Sqmt
16	Rectangle	6.475	5.060	1	32.76	Sqmt
17	Rectangle	5.540	5.560	2	61.60	Sqmt
18	Rectangle	5.540	5.510	1	30.53	Sqmt
19	Rectangle	5.125	5.150	1	26.39	Sqmt
20	Rectangle	5.560	5.230	1	29.08	Sqmt
21	Rectangle	5.260	6.160	1	32.40	Sqmt
22	Rectangle	3.765	5.330	2	40.13	Sqmt
23	Rectangle	0.445	1.92	2	1.71	Sqmt
24	Rectangle	1.280	3.235	2	8.28	Sqmt
25	Rectangle	7.175	2.045	2	29.35	Sqmt
26	Rectangle	6.285	2.130	2	26.77	Sqmt
27	Rectangle	4.430	2.160	2	19.14	Sqmt
28	Rectangle	1.660	1.935	2	6.42	Sqmt
29	Rectangle	1.655	1.315	2	4.35	Sqmt
30	Rectangle	3.760	5.110	2	38.43	Sqmt
31	Rectangle	9.900	2.185	2	43.26	Sqmt
32	Rectangle	7.870	2.825	2	44.47	Sqmt
33	Rectangle	6.310	5.860	1	36.98	Sqmt
34	Rectangle	5.310	5.710	1	30.32	Sqmt
35	Rectangle	10.240	5.415	1	55.45	Sqmt
36	Rectangle	5.460	5.460	1	29.81	Sqmt
37	Rectangle	4.955	6.63	1	32.85	Sqmt
38	Rectangle	25.805	5.14	1	132.64	Sqmt
39	Rectangle	17.315	11.85	1	205.18	Sqmt
40		99.279		1	99.28	Sqmt
TOTAL SERVICES AREA (B)					1638.11	Sqmt

BASEMENT -1 PARKING AREA CALCULATION						
Total Basement Area (B)						
S.N.	DESCRIPTION	LENGTH(m)	WIDTH(m)	NO.	AREA	UNIT
01	Rectangle	218.935	89.755	1	19650.51	Sqmt
TOTAL AREA (A)					19650.51	Sqmt
SERVICES AREA DETAIL						
S.N.	DESCRIPTION	LENGTH(m)	WIDTH(m)	NO.	AREA	UNIT
01	Rectangle	5.310	5.005	1	26.58	Sqmt
02	Rectangle	18.970	1.430	1	27.13	Sqmt
03	Rectangle	11.390	3.575	1	40.72	Sqmt
04	Rectangle	7.910	1.430	1	11.31	Sqmt
05	Rectangle	6.010	3.575	1	21.49	Sqmt
06	Rectangle	8.070	1.430	1	11.54	Sqmt
07	Rectangle	5.460	3.575	1	19.52	Sqmt
08	Rectangle	3.660	1.660	7	42.53	Sqmt
09	Rectangle	1.510	1.280	3	5.80	Sqmt
10	Rectangle	8.570	7.415	3	190.64	Sqmt
11	Rectangle	6.090	2.130	3	38.92	Sqmt
12	Rectangle	4.990	2.130	3	31.89	Sqmt
13	Rectangle	0.770	2.985	3	6.90	Sqmt
14	Rectangle	2.860	1.500	3	12.87	Sqmt
15	Rectangle	3.160	5.560	3	52.71	Sqmt
16	Rectangle	6.475	5.060	1	32.76	Sqmt
17	Rectangle	5.540	5.560	2	61.60	Sqmt
18	Rectangle	5.540	5.510	1	30.53	Sqmt
19	Rectangle	5.125	5.150	1	26.39	Sqmt
20	Rectangle	5.560	5.230	1	29.08	Sqmt
21	Rectangle	5.260	6.160	1	32.40	Sqmt
22	Rectangle	3.765	5.330	2	40.13	Sqmt
23	Rectangle	0.445	1.92	2	1.71	Sqmt
24	Rectangle	1.280	3.235	2	8.28	Sqmt
25	Rectangle	7.175	2.045	2	29.35	Sqmt
26	Rectangle	6.285	2.130	2	26.77	Sqmt
27	Rectangle	4.430	2.160	2	19.14	Sqmt
28	Rectangle	1.660	1.935	2	6.42	Sqmt
29	Rectangle	1.655	1.315	2	4.35	Sqmt
30	Rectangle	3.760	5.110	2	38.43	Sqmt
31	Rectangle	9.900	2.185	2	43.26	Sqmt
32	Rectangle	7.870	2.825	2	44.47	Sqmt
33	Rectangle	6.310	5.860	1	36.98	Sqmt
34	Rectangle	5.310	5.710	1	30.32	Sqmt
35	Rectangle	10.240	5.415	1	55.45	Sqmt
36	Rectangle	5.460	5.460	1	29.81	Sqmt
37	Rectangle	4.955	6.63	1	32.85	Sqmt
38	Rectangle	25.805	5.14	1	132.64	Sqmt
39	Rectangle	17.315	11.85	1	205.18	Sqmt
40		99.279		1	99.28	Sqmt
TOTAL SERVICES AREA (B)					7860.44	Sqmt
Proposed area for Parking = TOTAL 11790.07 Sqmt						
Proposed available parking @32sqm/ECS AT Basement 368.44 Nos						
Proposed Parking provided at Basement-1 309 Nos						

FIRST BASEMENT				
S.N.	ATTRIBUTES	SANCTIONED F.A.R.(SQMT.)	ACHIEVED F.A.R.(SQMT.)	ADDED AREA WITHOUT SANCTION
1	1ST. BASEMENT	12821.04	13428.180	607.140
TOTAL		12821.04	13428.180	607.140

BASEMENT -1 PARKING AREA CALCULATION						
S.N.	DESCRIPTION	LENGTH(m)	WIDTH(m)	NO.	AREA	UNIT
41	Triangle	27.540	25.100	1	345.63	Sqmt
42	Triangle	80.165	50.940	1	2041.80	Sqmt
43		497.914		1	497.91	Sqmt
44				609.659	609.66	Sqmt
45	Rectangle	33.885	18.75	1	635.34	Sqmt
46		2091.982		1	2091.98	Sqmt
Total (A)					6222.33	Sqmt

Total Basement Area (B)						
S.N.	DESCRIPTION	LENGTH(m)	WIDTH(m)	NO.	AREA	UNIT
47	Rectangle	218.935	89.755	1	19650.51	Sqmt
TOTAL FIRST BASEMENT AREA (B-A)					13428.18	Nos

DOOR SCHEDULE					
S.NO.	TYPE	SIZE	COL/LINTEL LEVEL	LINTEL LEVEL	
1	D1	1200 X 2100	00	2100	
2	D2	970 X 2100	00	2100	
3	FD	1200 X 2100	00	2100	
4	AD1	1200 X 2100	00	2100	
5	AD2	900 X 2100	00	2100	
5	FD1	1500 X 2400	00	2400	

TOTAL SANCTION BASEMENT - DEDUCTION AREA AS/SANCTION				
	12821.04	593.42	12227.62	SQMT.
BASEMENT - ADDED AREA WITHOUT SANCTION				
			1200.56	SQMT.
TOTAL AREA AS- BUILT				
			13428.18	SQMT.

BASEMENT - ADDED WITHOUT SANCTION						
TOTAL AREA	S.N.	LENGTH	WIDTH	AREA	NO.	TOTAL UNIT
	X		AS/PLINE		607.140	SQMT.
TOTAL (A)					607.140	SQMT.

BASEMENT - DEDUCTION AREA AS/ SANCTION						
TOTAL AREA	S.N.	LENGTH	WIDTH	AREA	NO.	TOTAL UNIT
	D1		AS/PLINE		363.420	SQMT.
	D2		AS/PLINE		230.000	SQMT.
TOTAL (A)					593.420	SQMT.

BASEMENT - ADDED AREA WITHOUT SANCTION						
TOTAL AREA	S.N.	LENGTH	WIDTH	AREA	NO.	TOTAL UNIT
	T1		AS/PLINE		374.660	SQMT.
	T2		AS/PLINE		825.900	SQMT.
TOTAL (A)					1200.560	SQMT.

PROJECT:- AS BUILT DRAWING OF GROUP HOUSING AT PLOT NO.- THE ESFERA' AT SECTOR-37 C, GURGAON FOR

ARCHITECT'S SIGNATURE

CLIENT'S SIGNATURE

SCALE : 1:100

DATE : ---

FIRST BASEMENT PLAN

DRG. NO. 101

REV.

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