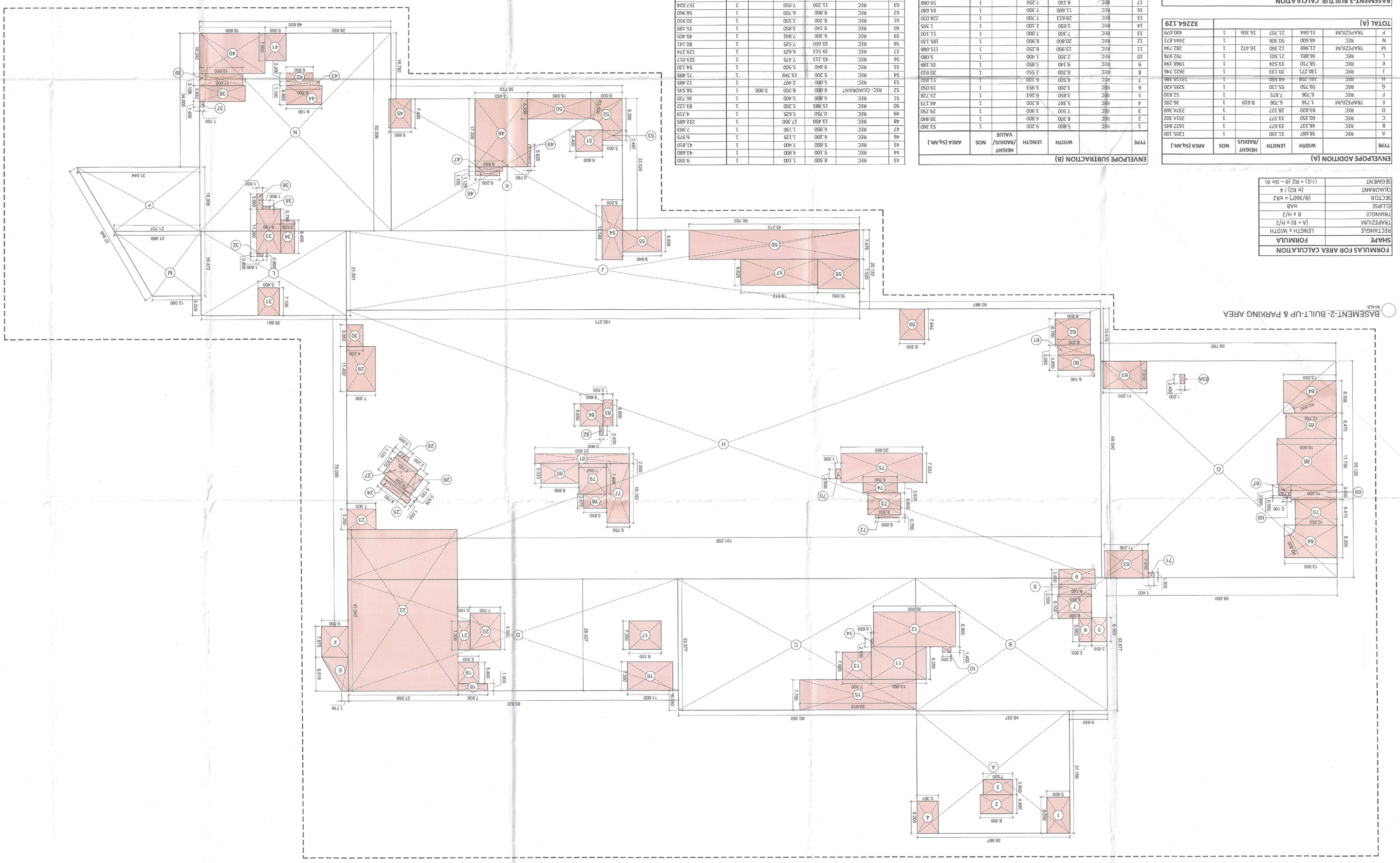


FORMULAS FOR AREA CALCULATION

SHAPE	FORMULA
RECTANGLE	LENGTH x WIDTH
TRAPEZIUM	(+ B) × H/2
TRIANGLE	B × H/2
ELLIPSE	πAB
SECTOR	(θ/360°) × πR2
QUADRANT	(π R2) / 4
SEGMENT	(r/2) × R2 (θ − Sin θ)

ENVELOPPE ADDITION (A)

TYPE	WIDTH	LENGTH	HEIGHT /RADIUS	NOS	AREA (Sq.Mt.)
A	38.687	31.150		1	1205.100
B	48.337	33.677		1	1627.945
C	63.350	23.377		1	2374.369
D	83.820	28.327		1	2374.369
E	1.716	6.706	8.619	1	36.295
F	48.600	50.306		1	2444.872
G	59.750	55.120		1	3293.420
H	191.258	68.650		1	13118.386
J	130.271	20.133		1	2622.746
K	58.710	33.524		1	1968.194
L	36.881	21.501		1	792.978
M	21.969	12.360	16.472	1	282.746
N	48.600	50.306		1	2444.872
P	31.044	21.707	16.306	1	490.079

TOTAL (A) 32264.129

BASEMENT-3 BUILTUP CALCULATION

A	32264.129
BASEMENT-3 BUILTUP AREA	

BASEMENT-3 PARKING CALCULATION

A - B	32264.129 - 5752.172
BASEMENT-3 PARKING AREA	26511.957

PARKING DETAIL

PARKING AREA (Sq.Mt.)	26511.957
PROPOSED ECS BY AREA @ 32 Sq.Mt.	828.499
SAV ECS	829
PROVIDED BY BAY Nos	655

ENVELOPPE SUBTRACTION (B)

TYPE	WIDTH	LENGTH	HEIGHT /RADIUS/ VALUE	NOS	AREA (Sq.Mt.)
1	REC	5.800	9.200	1	53.360
2	REC	8.300	4.800	1	39.840
4	REC	5.387	8.300	1	44.173
5	REC	3.850	6.363	1	23.728
6	REC	3.200	5.953	1	19.050
7	REC	8.500	6.100	1	51.850
8	REC	8.200	2.550	1	20.910
9	REC	9.140	3.850	1	35.189
10	REC	2.200	1.400	1	3.080
11	REC	13.950	8.250	1	115.088
12	REC	20.800	8.900	1	185.120
13	REC	7.300	7.000	1	51.100
14	REC	0.650	2.100	1	1.365
15	REC	29.613	7.700	1	228.020
16	REC	11.600	7.300	1	84.680
17	REC	8.150	7.250	1	59.088
18	REC	7.500	1.900	1	14.250
19	REC	5.300	5.400	1	28.620
20	REC	7.700	9.300	1	71.610
21	REC	8.150	7.300	1	22.995
22	REC	27.858	41.047	1	1143.487
23	REC	7.300	11.725	1	3.431
24	REC	8.750	1.550	1	13.563
25	REC	8.000	0.975	1	7.800
26	REC	2.200	5.125	1	11.275
27	REC	6.750	5.925	1	39.994
28	REC	2.050	1.725	1	3.536
29	REC	7.300	11.400	1	83.220
30	REC	4.200	5.550	1	23.310
31	REC	5.400	7.100	1	38.340
32	REC	1.600	0.800	1	1.280
33	REC	6.100	11.200	1	68.320
34	REC	3.525	8.450	1	29.786
35	REC	1.800	0.750	1	1.350
36	REC	1.550	3.900	1	6.045
37	REC	1.100	1.400	1	1.540
38	REC	11.600	3.992	1	46.307
39	REC	10.950	3.108	1	34.033
40	REC	16.600	10.242	1	170.017
41	REC	3.950	7.000	1	37.450
42	REC	6.900	2.200	1	15.180

TOTAL (B) 5752.172

F	REC	6.706	2.875	1	52.810
E	TRAPEZIUM	1.716	6.706	8.619	36.295
84	REC	5.800	5.650	1	32.770
83	REC	2.500	6.600	1	16.500
82	REC	0.900	2.400	1	2.160
81	REC	23.900	2.500	1	59.750
80	REC	9.600	5.032	1	48.307
79	REC	7.050	2.828	1	55.046
78	REC	5.850	3.675	1	21.499
77	REC	5.750	15.182	1	87.297
76	REC	1.500	2.500	1	3.750
75	REC	20.650	7.552	1	155.536
74	REC	8.700	2.625	1	22.838
73	REC	8.300	5.600	1	46.480
72	REC	6.000	0.750	1	4.500
71	REC	1.600	1.300	1	1.820
70	REC	10.500	6.470	1	67.935
69	REC	11.500	3.850	1	44.275
68	REC	2.100	0.550	1	1.155
67	REC	3.150	2.800	1	8.820
66	REC	15.000	11.750	1	175.950
65	REC	12.700	6.470	1	82.169
64	REC- QUADRANT	13.300	8.300	2	208.471
63A	REC	1.200	2.400	1	2.880
63	REC	11.200	7.010	2	157.024
62	REC	8.800	6.700	1	58.960
61	REC	8.200	2.550	1	20.910
60	REC	9.140	3.850	1	35.189
59	REC	6.300	7.842	1	49.405
58	REC	10.650	7.525	1	80.141
57	REC	19.513	6.625	1	129.274
56	REC	43.213	7.475	1	323.017
55	REC	9.840	5.500	1	54.120
54	REC	5.200	13.749	1	71.495
53	REC	5.000	2.497	1	12.485
52	REC- QUADRANT	8.800	8.700	3.000	58.455
51	REC	6.800	5.400	1	36.720
50	REC	15.985	5.200	1	83.122
49	REC	0.750	5.625	1	4.219
48	REC	13.450	17.300	1	232.685
47	REC	6.950	1.150	1	7.993
46	REC	6.200	1.125	1	6.975
45	REC	5.650	7.400	1	41.810
44	REC	9.100	4.800	1	43.680
43	REC	8.500	1.100	1	9.350

NOTES:

1. ALL LIFTS SHALL HAVE 100%POWER BACKUP.
2. ALL ELECTRICAL INSTALLATIONS SHALL BE AS PER REGULATIONS AND NBC.
3. FIRE FIGHTING&SAFETY PROVISIONS SHALL BE AS PER NBC.
4. MAIN ENTRY & BOUNDARY WALL AS PER STANDARD DESIGN.
5. BUILDING STRUCTURE DESIGNED EARTHQUAKE RESISTANT.
6. TOILET WILL BE MECHANICALLY VENILATED WITH 100% POWER BACKUP.

PROJECT:

PROPOSED PLAN OF COMMERCIAL COLONY MEASURING 10.423 ACRES LICENSE NO. 69 OF 2015 DATED 12.07.2015 IN SECTOR-66, GURGAON MANESAR URBAN COMPLEX BEING DEVELOPED BY ADVANCE INDIA PROJECTS LIMITED

OWNER SIGN

ARCHITECT SIGN

DRAWING TITLE:

BASEMENT-3
BULIT UP & PARKING AREA CALCULATION

DATE:		SHEET NO	NORTH
SCALE:	B3B		

This is a "PROVISIONAL BUILDING PLAN" approved only for the purpose of inviting objections from the general public

Ram Avtar Bassi
Chief Planner
Gurugram
Director
STP (HQ)
DTP (HQ)
ATP
PA
AD