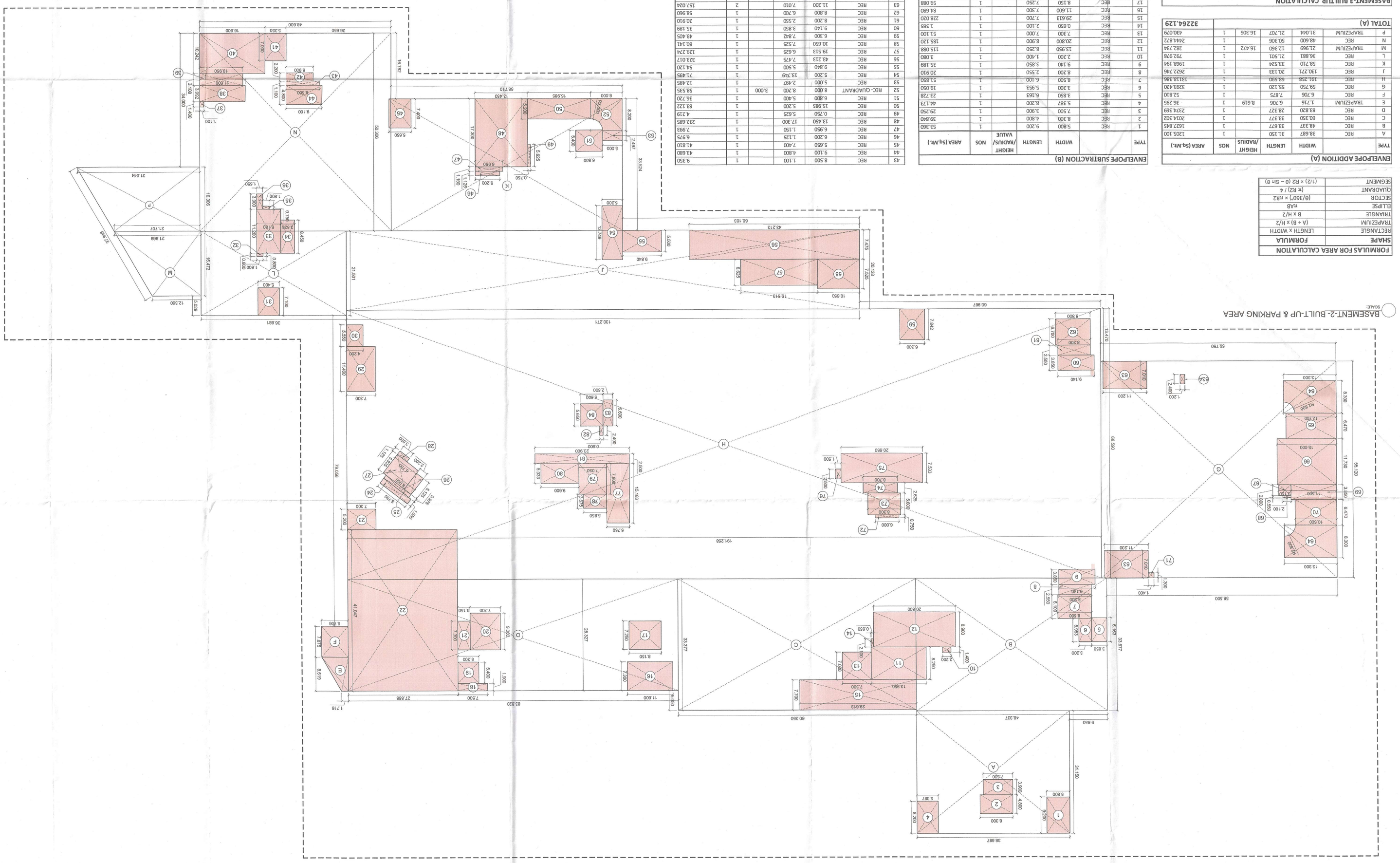


FORMULAS FOR AREA CALCULATION

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

LEGEND :-

① 300mm WIDE DRAIN CHANNEL WITH GRATING
② 300mm COVERED DRAIN CHANNEL
③ 200 ϕ SOIL PIPE

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

S.T.P (HO) Member Secretary B.P.A.C.
S.T.P (G) Member B.P.A.C.
C.T.P (HQ) Chairman B.P.A.C.
DTP (HQ) AP(HQ)
AD
DTP (HQ)
Ram/Mar Basti (Hqrs)

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

PROJECT:
REVISED BUILDING PLAN OF COMMERCIAL COLONY MEASURING 19.4375 ACRES (LICENSE NO. 35 OF 2013 DATED 13.07.2013) IN SECTOR-66, GURUGRAM MANESAR URBAN COMPLEX 2031 BEING NOTIFIED VIDE BY HSVP/DTP

OWNER SIGN

Advance Projects Limited Authorised Signatory

ARCHITECT SIGN

Shashank Dubey B.Arch, M.Arch

Checked and found ok for the purpose of Health (Internal) Service only vide commencement certificate In forwarding letter No. 16/1.666-DU/2022+24

Superintending Engineer (HQ) for Chief Engineer-I DTP, Panchkula

DRAWING TITLE:
BASEMENT-3 PLAN

DATE:	SHEET NO	NORTH
SCALE: 1:300	B3A	NORTH

BASEMENT-3 PLAN
SCALE: 1:350

DOOR AND WINDOW SCHEDULE					
S.NO	TAG	WIDTH	SILL	LINTEL	HEIGHT
1	FGL1	57800	0	4000	4000
2	FGL2	57250	0	4000	4000
3	FGL3	31850	0	4000	4000
4	FGL4	26650	0	4000	4000
5	FGL5	25500	0	4000	4000
6	FGL6	24350	0	4000	4000
7	FGL7	18850	0	4000	4000
8	FGL8	13200	0	4000	4000
9	FGL9	10850	0	4000	4000
10	GL10	8800	0	4000	4000
11	FGL11	8000	0	4000	4000
12	GL12	6875	0	4000	4000
13	FGL13	6200	0	4000	4000
14	FGL14	6135	0	4000	4000
15	FGL15	6000	0	4000	4000
16	GL16	5075	0	4000	4000
17	FGL17	4000	0	4000	4000
18	GL18	3925	0	4000	4000
19	GL19	3775	0	4000	4000
20	GL20	3450	0	4000	4000
21	FGL21	3000	0	4000	4000
22	FGL22	2200	0	4000	4000
23	FGL23	2050	0	4000	4000
24	GL24	29840	0	4000	4000
25	GL25	20690	0	4000	4000
26	GL26	22360	0	4000	4000
27	GL27	24510	0	4000	4000
28	GL28	57230	0	4000	4000
29	GL29	57790	0	4000	4000
30	GL30	18830	0	4000	4000
31	FD1	2150	0	2100	2100
32	FD2	2100	0	2400	2400
33	FD3	2000	0	2400	2400
34	FD4	1950	0	2400	2400
35	FD5	1800	0	2400	2400
36	FD6	1650	0	2400	2400
37	FD7	1600	0	2400	2400
38	FD8	1500	0	2400	2400
39	FD9	1200	0	2400	2400
40	FDW1	6900	0	2400	2400
41	FDW2	5925	0	2400	2400
42	FDW3	5350	0	2400	2400
43	FDW4	5100	0	2400	2400
44	FDW5	5000	0	2400	2400
45	FDW6	4900	0	2400	2400
46	FDW7	4650	0	2400	2400
47	FDW8	3000	0	2400	2400
48	D1	1000	0	2400	2400
49	D2	1100	0	2400	2400

NOTE-
* MINIMUM TRAVEL DISTANCE UPTO STAIRCASE IS NOT MORE THAN 45 METER IN TWO WET RISERS ARE MORE THAN 50 METER APART.
* ELECTRICAL & ELV SHAFT HAVE 2 HR. FIRE RATED DOORS.