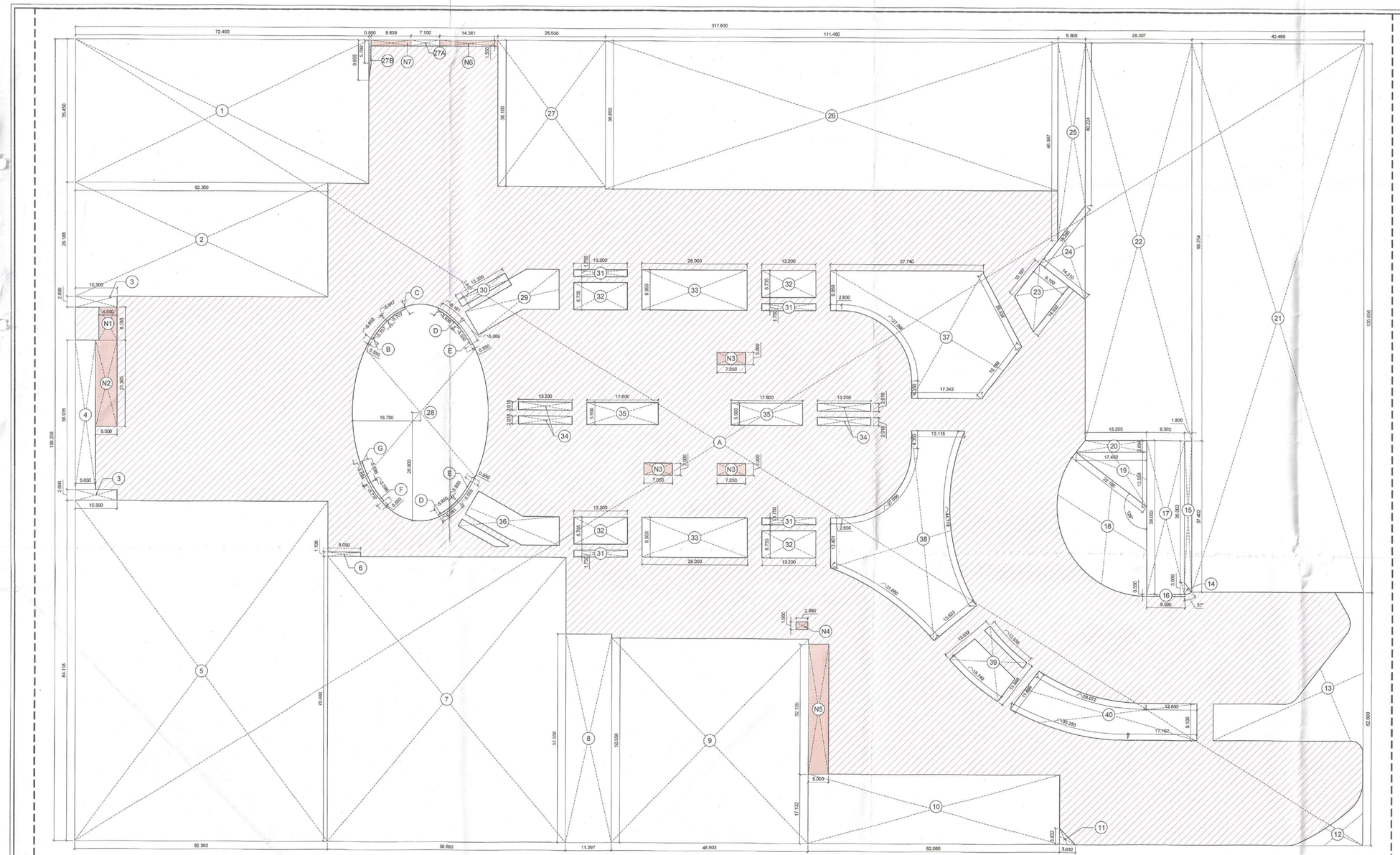


GROUND FLOOR FAR & BUILT UP AREA
SCALE:

ENVELOPE ADDITION (A)

TYPE		WIDTH	LENGTH	HEIGHT /RADIUS/ VALUE	NOS	AREA (Sq.Mt.)
A	REC	317.800	198.256		1	63005.757
B	TRAPEZIUM	5.853	5.707	0.550	1	3.179
C	TRAPEZIUM	5.947	5.707	0.550	1	3.205
D	TRAPEZIUM	6.161	5.930	0.550	2	6.650
E	TRAPEZIUM	6.069	5.930	0.550	2	6.599
F	TRAPEZIUM	5.737	5.596	0.550	1	3.117
G	TRAPEZIUM	5.694	5.596	0.550	1	3.105
TOTAL (A)						63031.611

ENVELOPE SUBTRACTION (B)

TYPE		WIDTH	LENGTH	HEIGHT /RADIUS/ VALUE	NOS	AREA (Sq.Mt.)
1	REC	72.400	35.450		1	2566.580
2	REC	62.350	28.188		1	1757.522
3	REC	10.300	2.690		2	55.414
4	REC	5.000	36.935		1	184.675
5	REC	62.350	84.118		1	5244.757
6	REC	8.050	1.108		1	8.919
7	REC	58.690	70.460		1	4135.297
8	REC	11.297	51.556		1	582.428
9	REC	48.503	50.556		1	2452.118
10	REC	62.060	17.132		1	1063.212
11	TRIANGLE	3.932		3.932	1	7.730
12	AS/DETAIL			88.371	1	88.371
13	AS/DETAIL			574.567	1	574.567
14	SECTOR			3.000	1	2.905
15	TRAPEZIUM	37.402	35.002	1.800	1	65.164
16	REC	9.500	0.550		1	5.225
17	REC	9.302	38.002		1	353.495
18	SECTOR			22.100	1	545.456
19	TRIANGLE	17.453		13.558	1	118.314
20	TRAPEZIUM	17.453	15.205	2.894	1	47.256
21	REC	42.486	135.656		1	5763.481
22	REC	26.307	98.254		1	2584.768
23	TRAPEZIUM	14.332	10.167	9.100	1	111.470
24	TRIANGLE	14.210		18.289	1	129.943
25	TRAPEZIUM	48.987	40.224	6.808	1	303.674
26	REC	111.450	36.650		1	4084.643
27	REC	26.500	36.100		1	956.650
27A	REC	7.100	1.500		1	10.650
27B	TRAPEZIUM	9.955	5.700	0.550	1	4.305
28	ELLIPSE	26.800	16.750		1	1409.995
29	AS/DETAIL			189.214	1	189.214
30	REC	13.200	1.917		1	25.304
31	REC	13.200	1.750		4	92.400
32	REC	13.200	6.735		4	355.608
33	REC	26.000	9.950		2	517.400
34	REC	13.200	2.017		4	106.498
35	REC	17.600	5.500		2	193.600
36	AS/DETAIL			180.539	1	180.539
37	AS/DETAIL			964.879	1	964.879
38	AS/DETAIL			972.649	1	972.649
39	AS/DETAIL			135.979	1	135.979
40	AS/DETAIL			438.918	1	438.918
TOTAL (B)						39391.972

NON FAR SUBTRACTION (C)

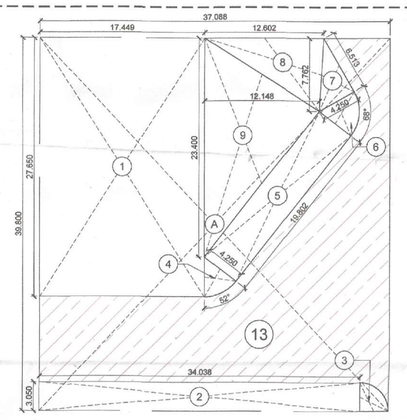
TYPE		WIDTH	LENGTH	HEIGHT /RADIUS/ VALUE	NOS	AREA (Sq.Mt.)
N1	REC	4.500	8.185		1	36.833
N2	REC	5.300	21.365		1	113.235
N3	REC	7.050	3.000		3	63.450
N4	REC	2.890	1.900		1	5.491
N5	REC	5.000	32.125		1	160.625
N6	REC	14.361	1.500		1	21.542
N7	REC	9.839	1.500		1	14.759
TOTAL (C)						415.933

GROUND FLOOR CALCULATION

GROUND COVERAGE	A - B
	23639.639
GROUND NON FAR	C
	415.933
GROUND FAR	GROUND COVERAGE - NON FAR
	23640.575 - 415.933
	23223.706

FORMULAS FOR AREA CALCULATION

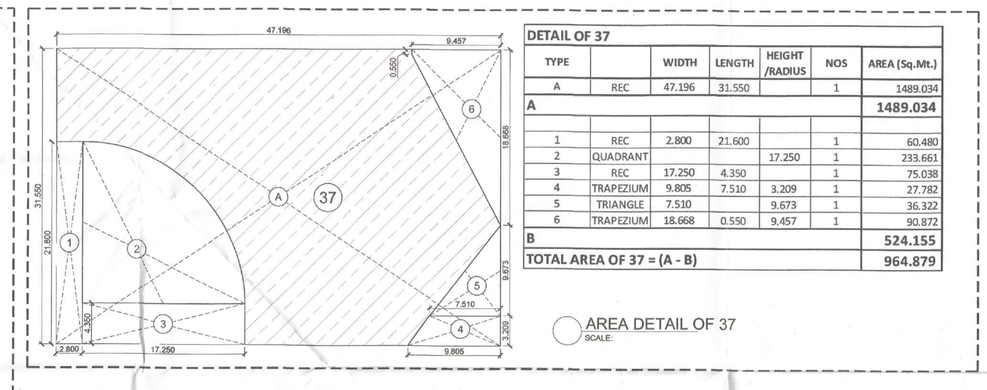
SHAPE	FORMULA
RECTANGLE	LENGTH x WIDTH
TRAPEZIUM	(A + B) x H/2
TRIANGLE	B x H/2
ELLIPSE	πAB
SECTOR	(θ/360°) × πR2
QUADRANT	(π R2) / 4
SEGMENT	(1/2) × R2 (θ – Sin θ)



AREA DETAIL OF 13
SCALE:

DETAIL OF 13

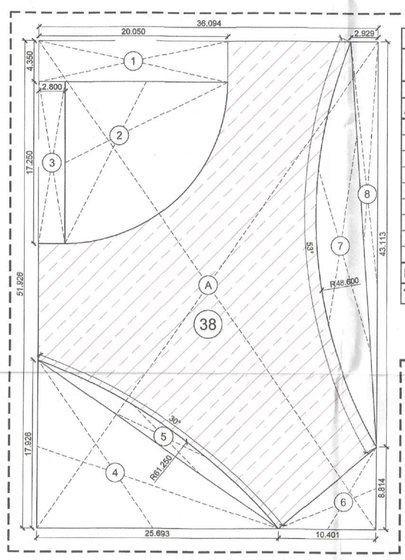
TYPE		WIDTH	LENGTH	HEIGHT /RADIUS	NOS	AREA (Sq.Mt.)
A	REC	37.088	39.800		1	1476.102
A						1476.102
1	REC	17.449	27.650		1	482.465
2	REC	34.038	3.050		1	103.816
3	QUADRANT			3.050	1	7.305
4	SECTOR			4.250	1	8.195
5	REC	19.802	4.250		1	84.159
6	SECTOR			4.250	1	10.716
7	TRIANGLE	4.250		6.513	1	13.840
8	TRIANGLE	12.602		7.762	1	48.908
9	TRIANGLE	23.400		12.148	1	142.132
B						901.536
TOTAL AREA OF 13 = (A - B)						574.567



AREA DETAIL OF 37
SCALE:

DETAIL OF 37

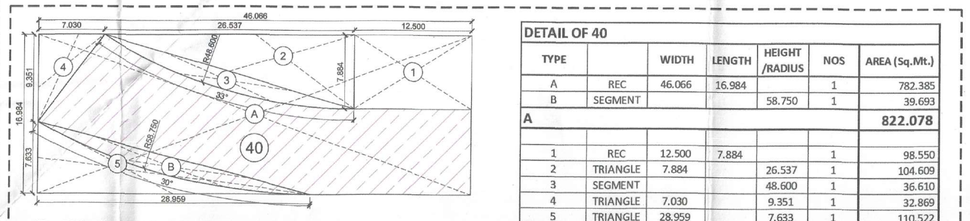
TYPE		WIDTH	LENGTH	HEIGHT /RADIUS	NOS	AREA (Sq.Mt.)
A	REC	47.196	31.550		1	1489.034
A						1489.034
1	REC	2.800	21.600		1	60.480
2	QUADRANT			17.250	1	233.661
3	REC	17.250	4.350		1	75.038
4	TRAPEZIUM	9.805	7.510	3.209	1	27.782
5	TRIANGLE	7.510		9.673	1	36.322
6	TRAPEZIUM	18.668	0.550	9.457	1	90.872
B						524.155
TOTAL AREA OF 37 = (A - B)						964.879



AREA DETAIL OF 38
SCALE:

DETAIL OF 38

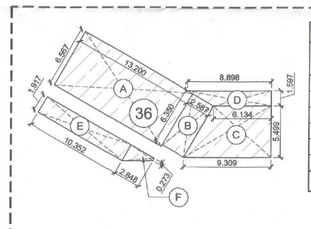
TYPE		WIDTH	LENGTH	HEIGHT /RADIUS	NOS	AREA (Sq.Mt.)
A	REC	36.094	51.926		1	1874.217
A						1874.217
1	REC	20.050	4.350		1	87.218
2	QUADRANT			17.250	1	233.661
3	REC	2.800	17.250		1	48.300
4	TRIANGLE	25.693		17.926	1	230.286
5	SEGMENT			61.250	1	43.143
6	TRIANGLE	10.401		&814	1	45.837
7	SEGMENT			48.600	1	149.984
8	TRIANGLE	2.929		43.113	1	63.139
B						901.568
TOTAL AREA OF 38 = (A - B)						972.649



AREA DETAIL OF 40
SCALE:

DETAIL OF 40

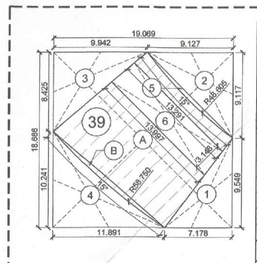
TYPE		WIDTH	LENGTH	HEIGHT /RADIUS	NOS	AREA (Sq.Mt.)
A	REC	46.066	16.984		1	782.385
B	SEGMENT			58.750	1	39.693
A						822.078
1	REC	12.500	7.884		1	98.550
2	TRIANGLE	7.884		26.537	1	104.609
3	SEGMENT			48.600	1	36.610
4	TRIANGLE	7.030		9.351	1	32.869
5	TRIANGLE	28.959		7.633	1	110.522
B						383.160
TOTAL AREA OF 40 = (A - B)						438.918



AREA DETAIL OF 36
SCALE:

DETAIL OF 36

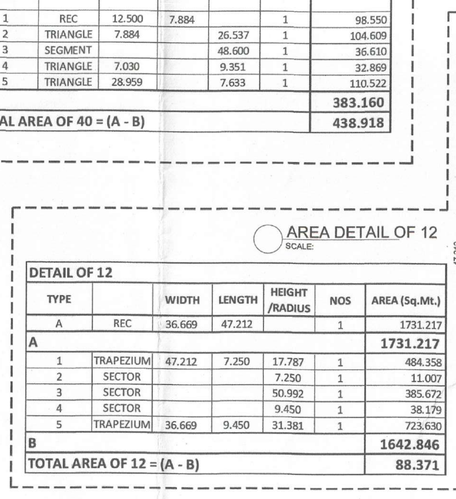
TYPE		WIDTH	LENGTH	HEIGHT /RADIUS	NOS	AREA (Sq.Mt.)
A	REC	13.200	6.567		1	86.684
B	REC	2.587	6.350		1	16.427
C	TRAPEZIUM	9.309	6.134	5.499	1	42.461
D	TRAPEZIUM	8.898	6.134	1.597	1	12.003
E	REC	10.352	1.917		1	19.845
F	TRAPEZIUM	1.917	0.273	2.848	1	3.119
TOTAL AREA OF 36						180.539



AREA DETAIL OF 39
SCALE:

DETAIL OF 39

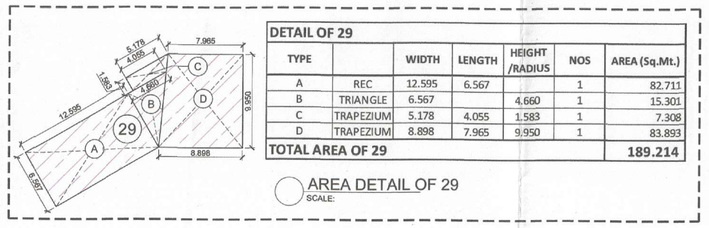
TYPE		WIDTH	LENGTH	HEIGHT /RADIUS	NOS	AREA (Sq.Mt.)
A	REC	19.069	18.666		1	355.942
B	SEGMENT			58.750	1	5.177
A						361.119
1	TRIANGLE	7.178		9.549	1	34.271
2	TRIANGLE	9.127		9.117	1	41.605
3	TRIANGLE	9.942		8.425	1	41.881
4	TRIANGLE	11.891		10.241	1	60.888
5	SEGMENT			48.605	1	3.544
6	TRAPEZIUM	13.997	13.291	3.148	1	42.951
B						225.140
TOTAL AREA OF 39 = (A - B)						135.979



AREA DETAIL OF 12
SCALE:

DETAIL OF 12

TYPE		WIDTH	LENGTH	HEIGHT /RADIUS	NOS	AREA (Sq.Mt.)
A	REC	36.669	47.212		1	1731.217
A						1731.217
1	TRAPEZIUM	47.212	7.250	17.787	1	484.358
2	SECTOR			7.250	1	11.007
3	SECTOR			50.992	1	385.672
4	SECTOR			9.450	1	38.179
5	TRAPEZIUM	36.669	9.450	31.381	1	723.630
B						1642.846
TOTAL AREA OF 12 = (A - B)						88.371



AREA DETAIL OF 29
SCALE:

DETAIL OF 29

TYPE		WIDTH	LENGTH	HEIGHT /RADIUS	NOS	AREA (Sq.Mt.)
A	REC	12.595	6.567		1	82.711
B	TRIANGLE	6.567		4.660	1	15.301
C	TRAPEZIUM	5.178	4.055	1.583	1	7.308
D	TRAPEZIUM	8.898	7.965	9.950	1	83.893
TOTAL AREA OF 29						189.214

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

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

DTP (HQ) ATP (HQ)

AD PA ATP

Ram Avtar Bassi JD(HQ)

DD(HQ) Member BPAC

LEGEND

- FAR AREA
- NON FAR AREA
- SERVICE CUTOUT

NOTES:

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

PROJECT:
REVISED BUILDING PLAN OF COMMERCIAL COLONY MEASURING 10.4375 ACRES (LICENSE NO. 55 OF 2013 DATED 10.07.2013) IN SECTOR-68, GURGRAM MANESAR URBAN COMPLEX BEING DEVELOPED BY ADVANCE INDIA PROJECTS LIMITED

OWNER SIGN

ARCHITECT SIGN

Authorised Signatory — Ajay Kr. Shashtri, Dua, B.Arch., MCA

DRAWING TITLE:
GROUND FLOOR
GROUND COVERAGE & FAR DETAIL

DATE:	SHEET NO	NORTH
SCALE:	1B	