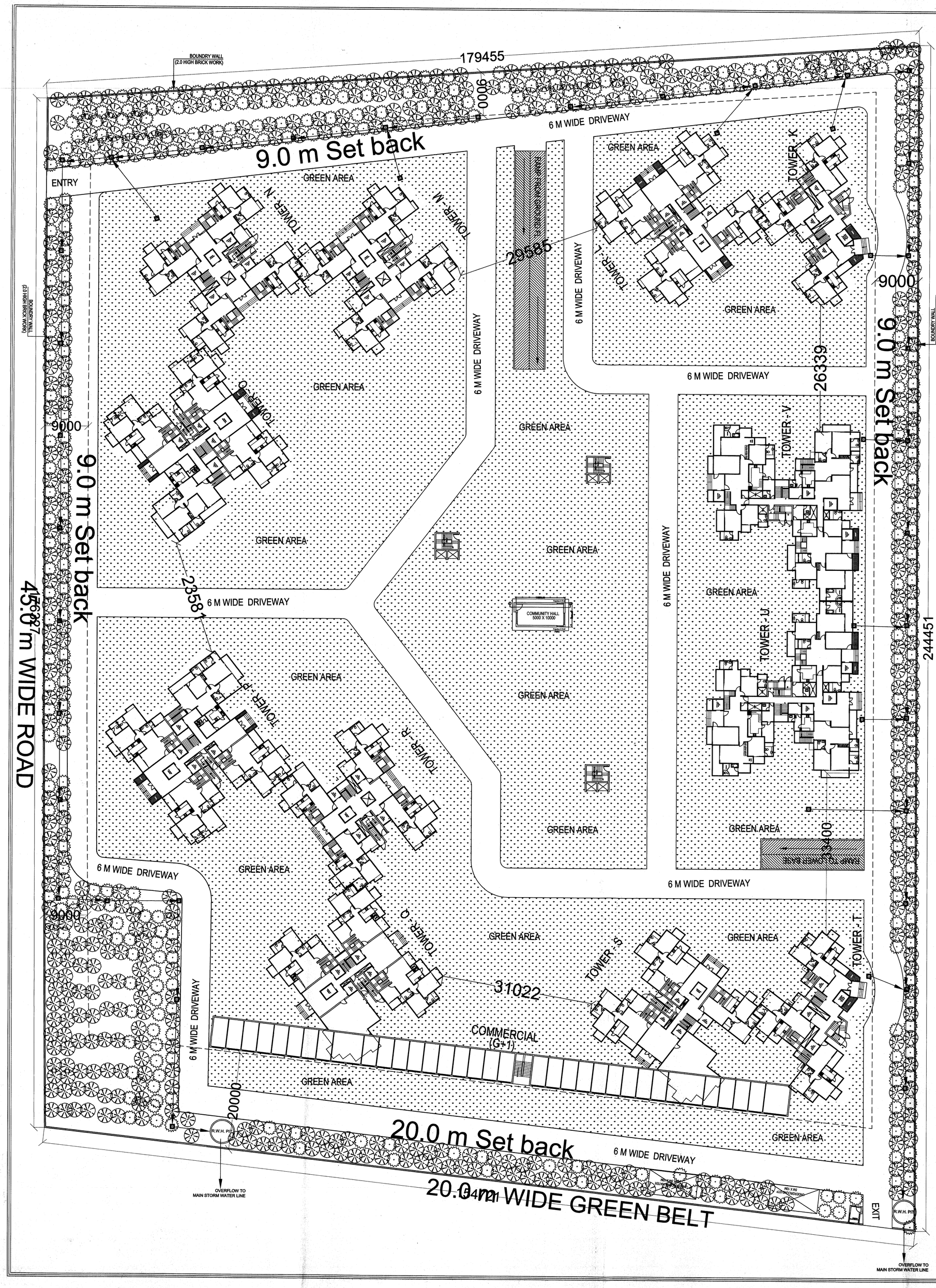

FAR CALCULATIONS

S.No.	Floor	Tower-K	Tower-L	Tower-M	Tower-N	Tower-O	Tower-P	Tower-Q	Tower-R	Tower-S	Tower-T	Tower-U	Tower-V	Commercial-1	Commercial-2	FAR in Basement	TOTAL
		G+28	G+28	G+28	G+28	G+28	G+27	G+27	G+27	G+27	G+27	G+28	G+28	G+1	G+1		
1	Basement															716.143	716.14
2	Ground Floor	263.006	449.92	380.48	380.48	539.64	539.64	438.69	380.48	419.234	261.006	552.245	552.245	427.94	344.09		5927.10
3	First Floor	254.59	360.22	314.88	314.88	449.3	449.3	400.34	314.88	360.22	254.59	502.36	502.36	185.725	141.6		4805.25
4	Second	254.59	360.22	314.88	314.88	449.3	449.3	400.34	314.88	360.22	254.59	502.36	502.36				4477.92
5	Third	254.59	360.22	314.88	314.88	449.3	449.3	400.34	314.88	360.22	254.59	502.36	502.36				4477.92
6	Fourth	254.59	360.22	314.88	314.88	449.3	449.3	400.34	314.88	360.22	254.59	502.36	502.36				4477.92
7	Fifth	254.59	360.22	314.88	314.88	449.3	449.3	400.34	314.88	360.22	254.59	502.36	502.36				4477.92
8	Sixth	254.59	360.22	314.88	314.88	449.3	449.3	400.34	314.88	360.22	254.59	502.36	502.36				4477.92
9	Seventh	254.59	360.22	314.88	314.88	449.3	449.3	400.34	314.88	360.22	254.59	502.36	502.36				4477.92
10	Eighth	254.59	360.22	314.88	314.88	449.3	449.3	400.34	314.88	360.22	254.59	502.36	502.36				4477.92
11	Ninth	254.59	360.22	314.88	314.88	449.3	449.3	400.34	314.88	360.22	254.59	502.36	502.36				4477.92
12	Tenth	254.59	360.22	314.88	314.88	449.3	449.3	400.34	314.88	360.22	254.59	502.36	502.36				4477.92
13	Eleventh	254.59	360.22	314.88	314.88	449.3	449.3	400.34	314.88	360.22	254.59	502.36	502.36				4477.92
14	twelveth	254.59	360.22	314.88	314.88	449.3	449.3	400.34	314.88	360.22	254.59	502.36	502.36				4477.92
15	Thirteen	254.59	360.22	314.88	314.88	449.3	449.3	400.34	314.88	360.22	254.59	502.36	502.36				4477.92
16	Fourteenth	254.59	360.22	314.88	314.88	449.3	449.3	400.34	314.88	360.22	254.59	502.36	502.36				4477.92
17	Fifteenth	194.258	287.51	235.1	235.1	449.3	449.3	319.06	235.1	287.51	194.258	376.89	376.89				3640.26
18	Sixteenth	194.258	287.51	235.1	235.1	353.25	353.25	319.06	235.1	287.51	194.258	376.89	376.89				3448.18
19	Seventeenth	194.258	287.51	235.1	235.1	353.25	353.25	319.06	235.1	287.51	194.258	376.89	376.89				3448.18
20	eighteenth	194.258	287.51	235.1	235.1	353.25	353.25	319.06	235.1	287.51	194.258	376.89	376.89				3448.18
21	Ninteenth	194.258	287.51	235.1	235.1	353.25	353.25	209.66	235.1	287.51	194.258	376.89	376.89				3338.78
22	Twetieth	194.258	287.51	235.1	235.1	353.25	353.25	209.66	235.1	287.51	194.258	376.89	376.89				3338.78
23	Twenty First	194.258	287.51	235.1	235.1	353.25	353.25	209.66	235.1	287.51	194.258	376.89	376.89				3338.78
24	Twenty Second	194.258	287.51	235.1	235.1	353.25	353.25	209.66	235.1	287.51	194.258	376.89	376.89				3338.78
25	Twenty Third	179.813	183.98	165.54	165.54	223.56	223.56	209.66	165.54	183.98	179.813	212.98	212.98				2306.95
26	Twenty Fourth	179.813	183.98	165.54	165.54	223.56	223.56	209.66	165.54	183.98	179.813	212.98	212.98				2306.95
27	Twenty Fifth	179.813	183.98	165.54	165.54	223.56	223.56	209.66	165.54	183.98	179.813	212.98	212.98				2306.95
28	Twenty Sixth	179.813	183.98	165.54	165.54	223.56	223.56	209.66	165.54	183.98	179.813	212.98	212.98				2306.95
29	Twenty Seventh	179.813	183.98	165.54	165.54	223.56	89.04	92.52	89.94	93.41	142.542	212.98	212.98				1851.85
30	Twenty Eighth	142.546	93.41	89.94	89.94	89.04						60.38	60.38				635.64
31	Total	6420.941	8806.39	7587.24	7587.24	10958.79	10795.17	9089.49	7421.7	8591.724	6241.126	11725.69	11725.69	613.665	485.69	716.143	108706.62

15 % ADDITIONAL FAR CALCULATIONS

S.No.	Floor	Tower-K	Tower-L	Tower-M	Tower-N	Tower-O	Tower-P	Tower-Q	Tower-R	Tower-S	Tower-T	Tower-U	Tower-V	Community Hall	STP	Under Ground water Tank	Guard Room	TOTAL
		G+28	G+28	G+28	G+28	G+28	G+27	G+27	G+27	G+27	G+27	G+28	G+28					
1	Ground Floor	53.796	65.9	53.83	53.83	64.46	64.46	62.13	53.83	65.9	53.796	46.876	46.876	50	50	50	15	850.68
2	First Floor	56.196	53.276	48.19	48.19	53.63	53.63	55.42	48.19	53.276	56.196	45.38	45.38					636.95
3	Second	56.196	53.276	48.19	48.19	53.63	53.63	55.42	48.19	53.276	56.196	45.38	45.38					636.95
4	Third	56.196	53.276	48.19	48.19	53.63	53.63	55.42	48.19	53.276	56.196	45.38	45.38					636.95
5	Fourth	56.196	53.276	48.19	48.19	53.63	53.63	55.42	48.19	53.276	56.196	45.38	45.38					636.95
6	Fifth	56.196	53.276	48.19	48.19	53.63	53.63	55.42	48.19	53.276	56.196	45.38	45.38					636.95
7	Sixth	56.196	53.276	48.19	48.19	53.63	53.63	55.42	48.19	53.276	56.196	45.38	45.38					636.95
8	Seventh	56.196	53.276	48.19	48.19	53.63	53.63	55.42	48.19	53.276	56.196	45.38	45.38					636.95
9	Eighth	56.196	53.276	48.19	48.19	53.63	53.63	55.42	48.19	53.276	56.196	45.38	45.38					636.95
10	Ninth	56.196	53.276	48.19	48.19	53.63	53.63	55.42	48.19	53.276	56.196	45.38	45.38					636.95
11	Tenth	56.196	53.276	48.19	48.19	53.63	53.63	55.42	48.19	53.276	56.196	45.38	45.38					636.95
12	Eleventh	56.196	53.276	48.19	48.19	53.63	53.63	55.42	48.19	53.276	56.196	45.38	45.38					636.95
13	twelveth	56.196	53.276	48.19	48.19	53.63	53.63	55.42	48.19	53.276	56.196	45.38	45.38					636.95
14	Thirteen	56.196	53.276	48.19	48.19	53.63	53.63	55.42	48.19	53.276	56.196	45.38	45.38					636.95
15	Fourteenth	56.196	53.276	48.19	48.19	53.63	53.63	55.42	48.19	53.276	56.196	45.38	45.38					636.95
16	Fifteenth	56.196	48.476	48.19	48.19	53.63	53.63	55.42	48.19	48.476	56.196	43.091	43.091					602.78
17	Sixtenth	56.196	48.476	48.19	48.19	53.63	53.63	55.42	48.19	48.476	56.196	43.091	43.091					602.78
18	Seventeenth	56.196	48.476	48.19	48.19	53.63	53.63	55.42	48.19	48.476	56.196	43.091	43.091					602.78
19	eighteenth	56.196	48.476	48.19	48.19	53.63	53.63	55.42	48.19	48.476	56.196	43.091	43.091					602.78
20	Ninteenth	56.196	48.476	48.19	48.19	53.63	53.63	55.42	48.19	48.476	56.196	43.091	43.091					602.78
21	Twetieth	56.196	48.476	48.19	48.19	53.63	53.63	55.42	48.19	48.476	56.196	43.091	43.091					602.78
22	Twenty First	56.196	48.476	48.19	48.19	53.63	53.63	55.42	48.19	48.476	56.196	43.091	43.091					602.78
23	Twenty Second	54.996	48.476	40.99	40.99	50.03	50.03	50.62	40.99	48.476	54.996	43.091	43.091					566.78
24	Twenty Third	54.996	48.476	40.99	40.99	50.03	50.03	50.62	40.99	48.476	54.996	43.091	43.091					566.78
25	Twenty Fourth	54.996	48.476	40.99	40.99	50.03	50.03	50.62	40.99	48.476	54.996	43.091	43.091					566.78
26	Twenty Fifth	54.996	48.476	40.99	40.99	50.03	50.03	50.62	40.99	48.476	54.996	43.091	43.091					566.78
27	Twenty Sixth	54.996	48.476	40.99	40.99	50.03	50.03	50.62	40.99	48.476	54.996	43.091	43.091					566.78
28	Twenty Seventh	54.996	48.476	40.99	40.99	50.03	67.44	62.48	60.3	61.926	89.327	43.091	43.091					663.14
29	Twenty Eighth/terrace	89.147	61.926	60.3	60.3	67.44						59.215	59.215					457.54
30	Total	1654.235	1503.878	1379.26	1379.26	1561.91	1511.88	1541.53	1338.27	1455.402	1599.419	1301.594	1301.594	50	50	50	15	17693.23

Dwelling Units Calculations

S.No.	Floor	Tower-K	Tower-L	Tower-M	Tower-N	Tower-O		Tower-P		Tower-Q	Tower-R	Tower-S	Tower-T	Tower-U		Tower-V		Total	
		Dwelling Units	Dwelling Units	Dwelling Units	Dwelling Units	Dwelling Units	Servent Units	Dwelling Units	Servent Units	Dwelling Units	Dwelling Units	Dwelling Units	Dwelling Units	Dwelling Units	Servent Units	Dwelling Units	Servent Units	Dwelling Units	Servent Units
1	Ground Floor	3	4	4	4	4	1	4	1	3	4	3	3	3	3	3	3	42	8
2	First Floor	3	4	4	4	4	1	4	1	4	4	4	3	3	3	3	3	44	8
3	Second	3	4	4	4	4	1	4	1	4	4	4	3	3	3	3	3	44	8
4	Third	3	4	4	4	4	1	4	1	4	4	4	3	3	3	3	3	44	8
5	Fourth	3	4	4	4	4	1	4	1	4	4	4	3	3	3	3	3	44	8
6	Fifth	3	4	4	4	4	1	4	1	4	4	4	3	3	3	3	3	44	8
7	Sixth	3	4	4	4	4	1	4	1	4	4	4	3	3	3	3	3	44	8
8	Seventh	3	4	4	4	4	1	4	1	4	4	4	3	3	3	3	3	44	8
9	Eighth	3	4	4	4	4	1	4	1	4	4	4	3	3	3	3	3	44	8
10	Ninth	3	4	4	4	4	1	4	1	4	4	4	3	3	3	3	3	44	8
11	Tenth	3	4	4	4	4	1	4	1	4	4	4	3	3	3	3	3	44	8
12	Eleventh	3	4	4	4	4	1	4	1	4	4	4	3	3	3	3	3	44	8
13	twelveth	3	4	4	4	4	1	4	1	4	4	4	3	3	3	3	3	44	8
14	Thirteen	3	4	4	4	4	1	4	1	4	4	4	3	3	3	3	3	44	8
15	Fourteenth	3	4	4	4	4	1	4	1	4	4	4	3	3	3	3	3	44	8
16	Fifteenth	3	4	4	4	4	1	4	1	4	4	4	3	3	3	3	3	44	8
17	Sixtenth	3	4	4	4	4	1	4	1	4	4	4	3	3	3	3	3	44	8
18	Seventeenth	3	4	4	4	4	1	4	1	4	4	4	3	3	3	3	3	44	8
19	eighteenth	3	4	4	4	4	1	4	1	4	4	4	3	3	3	3	3	44	8
20	Ninteenth	3	4	4	4	4	1	4	1	4	4	4	3	3	3	3	3	44	8
21	Twetieth	3	4	4	4	4	1	4	1	4	4	4	3	3	3	3	3	44	8
22	Twenty First	3	4	4	4	4	1	4	1	4	4	4	3	3	3	3	3	44	8
23	Twenty Second	3	4	4	4	4	1	4	1	4	4	4	3	3	3	3	3	44	8
24	Twenty Third	3	4	4	4	4	1	4	1	4	4	4	3	3	3	3	3	44	8
25	Twenty Fourth	3	4	4	4	4	1	4	1	4	4	4	3	3	3	3	3	44	8
	Twenty Fifth	3	4	4	4	4	1	4	1	4	4	4	3	3	3	3	3	44	8
	Twenty Sixth	3	4	4	4	4	1	4	1	4	4	4	3	3	3	3	3	44	8
	Twenty Seventh	3	4	4	4	4	1							3	3	3	3	25	7
26	Twenty Eighth																		
27	Total	84	112	112	112	112	28	108	27	107	108	107	81	84	84	84	84	1211	223

S.No.	Floor	Tower-K	Tower-L	Tower-M	Tower-N
		G+28	G+28	G+28	G+28
1	Ground Floor	311	437.18	422.21	422.21
2	First Floor	268.09	393.97	337.44	337.44
3	Second	268.09	393.97	337.44	337.44
4	Third	268.09	393.97	337.44	337.44
5	Fourth	268.09	393.97	337.44	337.44
6	Fifth	268.09	393.97	337.44	337.44
7	Sixth	268.09	393.97	337.44	337.44
8	Seventh	268.09	393.97	337.44	337.44
9	Eighth	268.09	393.97	337.44	337.44
10	Ninth	228.16	334.25	251.2	251.2
11	Tenth	228.16	334.25	251.2	251.2
12	Eleventh	228.16	334.25	251.2	251.2
13	twelveth	228.16	334.25	251.2	251.2
14	Thirteen	228.16	334.25	251.2	251.2
15	Fourteenth	228.16	334.25	251.2	251.2

SITE PLAN/ AREA CALCULATION

DRAWING NO. 01

FAR AREA CALCULATIONS

	Description	SQ.MT.
1	Plot area	40,000
2	Permissible FAR (275) 275% of 40,000	110,000
3	Permissible commercial FAR @ 1% of 1,10,000	1,100
4	Permissible Ground Coverage 35 % 35% of 40,000	14,000
5	Total Proposed Ground Coverage (16.585%)	6,634
6	Proposed Commercial FAR Achieved	1,099.855
7	Proposed FAR Achieved 2.747	1,09,899.85
8	Proposed residential + commercial FAR Achieved	1,08,706.62
9	15% extra add. FAR to be counted in Main FAR=16500-17,693.23	1193.23
10	Density Calculations	
	Permissible Density 1650 (-50% or + 5%) per / hact	825 to 1732.50 PPHA
	Total Population	
	4 X1650 (-50% or +5%) = 3300 to 6930	
	Total dwelling units	
	Standard size of Family 4.5 Persons	
	total population/4.5 = Total dwelling units	
11	Permissible Dwelling Units (733.33 to 1540)	733 - 1540 units
	Proposed Dwelling Units D.U.- 1211(D.U.) + 223 (S.R.)=1334	1211 (D.U.) units
12	Proposed Population (1211X4.5)+(223X2.25)=5449.5 + 501.75=5951.25	5951.25 Persons
13	Proposed Density	1487.813 PPHA
14	Area of Basement-1	35,300.98 Sq.Mt.
15	Area of Basement-2	35,300.98 Sq.Mt.
16	No of E.C.S. required	SAY 1031
17	car parking provided in basement-1	820 CARS
18	car parking provided in basement-2	840 CARS
19	total car parking provided =820+840 = 1660	1660 CARS
20	Types of Trees Required	328
21	Types of Trees Proposed	340
22	Permissible 15 % Additional FAR	16,500.00
23	Proposed 15 % Additional FAR	17,693.23

SUBMISSION DRAWINGS FOR PROPOSED GROUP HOUSING ON PLOT NO GH-01/D, SECTOR NO - 107 AT NOIDA DISTT. GAUTAMBUDH NAGAR (U.P.)

OWNER
PEBBLES PROLEASE PVT. LTD.

ARCHITECT
NATIONAL ARCHITECT & ENGINEERS
14, OLD NAVYUG MARKET , GHAZIABAD, PHONE-0120-2790097

DRAWING TITLE: SITE PLAN/ AREA CALCULATION

DRAWING NO.

NORTH

SCALE: 1:300 @ A0

ARCH. SEAL & SIG.

R. C. JAIN
B.Arch. (Hons.)
L. No. CA/92/15179
National Architect & Engineers
14, OLD NAVYUG MARKET,
GHAZIABAD-201001

OWNERS SIG.

For Pebbles Prolease Pvt. Ltd.

Auth. Sign./Director