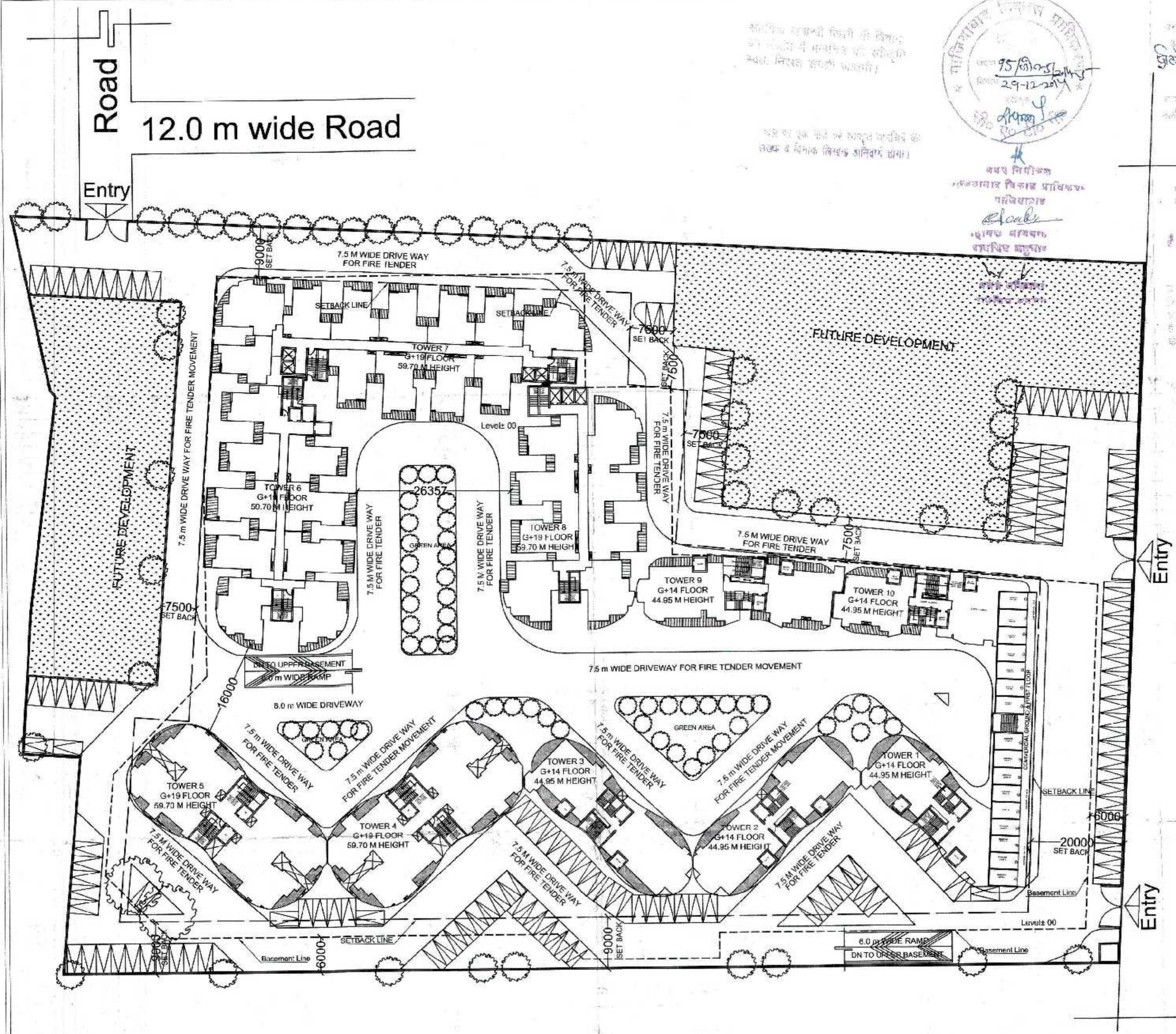




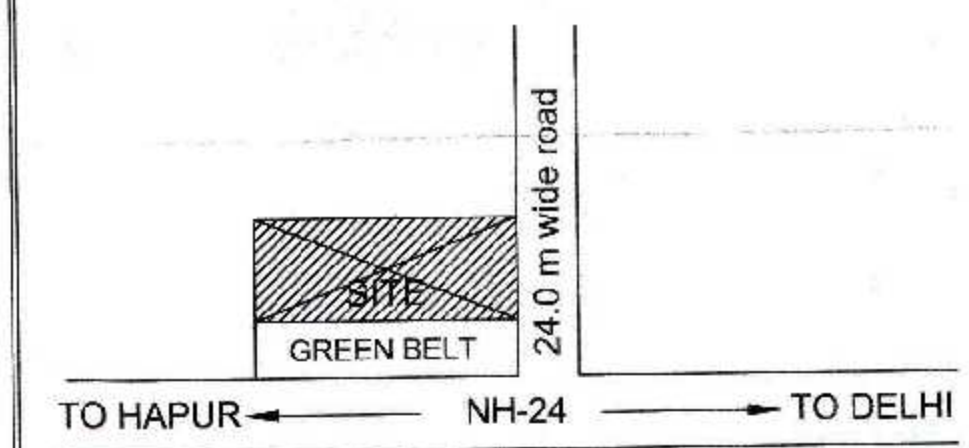
24.0 M Wide Road

POPULATION CALCULATION											
	Tower 1	Tower 2	Tower 3	Tower 4	Tower 5	Tower 6	Tower 7	Tower 8	Tower 9	Tower 10	Total
Ground	5	10	10	20	20	40	40	40	10	5	195
1st	10	10	10	20	20	40	40	40	10	10	235
2nd	10	10	10	20	20	40	40	40	10	10	235
3rd	10	10	10	20	20	40	40	40	10	10	235
4th	10	10	10	20	20	40	40	40	10	10	235
5th	10	10	10	20	20	40	40	40	10	10	235
6th	10	10	10	20	20	40	40	40	10	10	235
7th	10	10	10	5	20	45	60	40	10	10	220
8th	10	5	10	5	20	45	60	40	10	10	215
9th	5	5	10	5	20	45	60	40	10	10	210
10th	5	5	10	5	20	45	60	40	10	10	210
11th	5	5	10	5	20	45	60	40	10	10	210
12th	5	5	10	5	20	45	60	40	10	10	210
13th	5	5	10	5	20	45	60	40	10	10	210
14th	0	5	10	5	20	45	60	40	10	10	205
15th				5	20	45	60	40			170
16th				5	20	45	60	40			170
17th				5	20	45	60	40			170
18th				5	20	45	60	40			170
19th				5	20	45	60	40			170
Total	110	115	150	205	400	895	1180	795	150	145	4145

DWELLING UNIT CALCULATIONS											
	Tower 1	Tower 2	Tower 3	Tower 4	Tower 5	Tower 6	Tower 7	Tower 8	Tower 9	Tower 10	Total
Ground	1	2	2	4	4	8	8	7	2	1	39
1st	2	2	2	4	4	8	8	8	2	2	47
2nd	2	2	2	4	4	8	8	8	2	2	47
3rd	2	2	2	4	4	8	8	8	2	2	47
4th	2	2	2	4	4	8	8	8	2	2	47
5th	2	2	2	4	4	8	8	8	2	2	47
6th	2	2	2	4	4	8	8	8	2	2	47
7th	2	2	2	1	4	9	12	8	2	2	44
8th	2	1	2	1	4	9	12	8	2	2	43
9th	1	1	2	1	4	9	12	8	2	2	42
10th	1	1	2	1	4	9	12	8	2	2	42
11th	1	1	2	1	4	9	12	8	2	2	42
12th	1	1	2	1	4	9	12	8	2	2	42
13th	1	1	2	1	4	9	12	8	2	2	42
14th	0	1	2	1	4	9	12	8	2	2	41
15th				1	4	9	12	8			34
16th				1	4	9	12	8			34
17th				1	4	9	12	8			34
18th				1	4	9	12	8			34
19th				1	4	9	12	8			34
Total	22	23	30	41	80	179	236	159	30	29	829

GROUND COVERAGE CALCULATIONS											
	Tower 1	Tower 2	Tower 3	Tower 4	Tower 5	Tower 6	Tower 7	Tower 8	Tower 9	Tower 10	Total
Ground	172.49	285.83	304.19	463.45	463.45	708.59	907.03	654.11	315.76	178.57	4768.47

AREA CALCULATION		
1 Plot Area		23559.80
Others property		4499.34
NET plot area for planning		19060.55
2 Permissible FAR 3.75		71477.06
3 permissible Ground coverage @ 35%		6671.19
4 permissible Commercial 5 shops @ 1000 person		
population = permissible units x 5 persons		
= 829 x 5 = 4145		
= 4.145 / 1000 = 4.145		
total shops = 4.145 x 5 = 20.725		say 21 shops
area of each shop @ 15 sq.mt / shop = 21 x 15 = 315		
total permissible shops area = 315 sq.mt		
5 Proposed FAR Area		71272.22
Proposed FAR area residential : 70800.45 sq.mt		
Proposed FAR area of convenient shopping : 315.0 sq.mt		
Proposed FAR area of COMMUNITY : 156.77 sq.mt		
6 Proposed FAR		3.74
7 Proposed Ground coverage for Housing : 24.84%		4768.47
8 Permissible Dwelling units @ 1650 PPH		829.00
= (19060.55 x 21.75) / (1000 x 5) = 829.13		829.00
9 Proposed Units		26843.17
10 Total Basement Area (Basement 1 and basement 2)		
Basement - 1 : upper basement = 13694.36		
Basement - 2 : lower basement = 13694.36		
11 Proposed Area of Mummy + machine room + Fire escape staircase (NON FAR)		3999.35
(A) : Area of Mummy + Machine Rm : 337.76 SQMT		
(B) : Area of Fire escape staircase : 3661.59 SQMT		
Total Area of (A+B) : 3999.35		
12 Parking Required		1070
For Residential & COMMUNITY = (Total achieved Far / 100) x 1.5		
= (70800.45 / 100) x 1.5 = 1062.00 = say 1062		
For Convenient Shopping = (Total achieved Far / 100) x 2		
= (315 / 100) x 2 = 6.3 = say 6		
For COMMUNITY = (Total achieved Far / 100) x 2		
= (156.77 / 100) x 2 = 3.13 = say 3		
Total Proposed Parking		
(A) : Open Parking : 110 nos		
(B) : Parking at upper basement : 377 nos		
(C) : Parking at lower basement : 36nos		
(D) : MECHANICAL PARKING at Lower Basement : 190 nos		
Total of (A+B+C+D) = 1073 nos		
Total no. of trees required @ 50 trees per hectare of plot area		
= (50 x 19060.55) / 10000 = 95		95.00
Total Proposed Builtup area (FAR - Non FAR)		
(A) : Total proposed FAR Area : 71272.22		
(B) : Total proposed Mummy/ Machine room: 337.76		
(C) : Total proposed area of Fire escape stairs: 3661.59		
(D) : Total proposed Area of Basement 1 + basement 2 : 26843.17		
Total of (A+B+C+D) : 102114.74		
permissible 5% additional Far = 5% of 71477.06 = 3573.85		
16 proposed 5% of additional Far =		3559.53



FAR CALCULATIONS 3.75											
	Tower 1	Tower 2	Tower 3	Tower 4	Tower 5	Tower 6	Tower 7	Tower 8	Tower 9	Tower 10	Total
LOWER BASEMENT											
UPPER BASEMENT											
Ground	146.95	273.79	273.81	427.39	427.39	600.86	567.17	528.87	279.58	151	4013.35
1st	260.3	260.3	260.3	417.39	417.39	638.58	800.66	586.34	266.07	266.79	4249.12
2nd	260.3	260.3	260.3	417.39	417.39	638.58	800.66	586.34	266.07	266.79	4174.12
3rd	260.3	260.3	260.3	417.39	417.39	638.58	800.66	586.34	266.07	266.79	4174.12
4th	260.3	260.3	260.3	417.39	417.39	638.58	800.66	586.34	266.07	266.79	4174.12
5th	260.3	260.3	260.3	417.39	417.39	638.58	800.66	586.34	266.07	266.79	4174.12
6th	260.3	260.3	260.3	417.39	417.39	638.58	800.66	586.34	266.07	266.79	4174.12
7th	260.3	260.3	260.3	417.39	417.39	638.58	800.66	586.34	266.07	266.79	4174.12
8th	260.3	117.047	260.3	130.46	417.39	638.58	800.66	586.34	266.07	266.79	3743.937
9th	131.3	117.047	260.3	130.46	417.39	638.58	800.66	586.34	266.07	266.79	3614.937
10th	131.3	117.047	260.3	130.46	417.39	638.58	800.66	586.34	266.07	266.79	3614.937
11th	131.3	117.047	260.3	130.46	417.39	638.58	800.66	586.34	266.07	266.79	3614.937
12th	131.3	117.047	260.3	130.46	417.39	638.58	800.66	586.34	266.07	266.79	3614.937
13th	131.3	117.047	260.3	130.46	417.39	638.58	800.66	586.34	266.07	266.79	3614.937
14th	22.32	117.047	260.3	130.46	417.39	638.58	800.66	586.34	266.07	266.79	3566.177
15th				130.46	417.39	638.58	800.66	586.34			2573.43
16th				130.46	417.39	638.58	800.66	586.34			2573.43
17th				130.46	417.39	638.58	800.66	586.34			2573.43
18th				130.46	417.39	638.58	800.66	586.34			2573.43
19th				130.46	417.39	638.58	800.66	586.34			2573.43
Total	2908.17	2915.219	3918.01	4627.71	8357.8	12733.88	15779.71	11669.33	4004.56	3886.06	71272.22

5% NON FAR											
	Tower 1	Tower 2	Tower 3	Tower 4	Tower 5	Tower 6	Tower 7	Tower 8	Tower 9	Tower 10	Total
Ground	7.56	12.4	12.4	15.48	15.48	25.36	34.5	22.01	12.97	7.56	165.72
1st	12.4	12.4	12.4	15.48	15.48	27.23	39.45	24.32	12.97	12.55	184.68
2nd	12.4	12.4	12.4	15.48	15.48	27.23	39.45	24.32	12.97	12.55	184.68
3rd	12.4	12.4	12.4	15.48	15.48	27.23	39.45	24.32	12.97	12.55	184.68
4th	12.4	12.4	12.4	15.48	15.48	27.23	39.45	24.32	12.97	12.55	184.68
5th	12.4	12.4	12.4	15.48	15.48	27.23	39.45	24.32	12.97	12.55	184.68
6th	12.4	12.4	12.4	15.48	15.48	27.23	39.45	24.32	12.97	12.55	184.68
7th	12.4	12.4	12.4	15.48	15.48	27.23	39.45	24.32	12.97	12.55	184.68
8th	12.4	14.08	12.4	8.18	15.48	27.23	39.45	24.32	12.97	12.55	179.06
9th	14.08	7.56	12.4	8.18	15.48	27.23	39.45	24.32	12.97	12.55	174.22
10th	7.56	7.56	12.4	8.18	15.48	27.23	39.45	24.32	12.97	12.55	167.7
11th	7.56	7.56	12.4	8.18	15.48	27.23	39.45	24.32	12.97	12.55	167.7
12th	7.56	7.56	12.4	8.18	15.48	27.23	39.45	24.32	12.97	12.55	167.7
13th	7.56	7.56	12.4	8.18	15.48	27.23	39.45	24.32	12.97	12.55	167.7
14th	5.77	7.56	12.4	8.18	15.48	27.23	39.45	24.32	12.97	12.55	165.91
15th				8.18	15.48	27.23	39.45	24.32			114.66
16th				8.18	15.48	27.23	39.45	24.32			114.66
17th				8.18	15.48	27.23	39.45	24.32			114.66
18th				8.18	15.48	27.23	39.45	24.32			114.66
19th				8.18	15.48	27.23	39.45	24.32			114.66
LIFT/MUNTY	25.75	25.75	32.05	77.95	27.95	41.41	36.59	44.46	37.12	35.73	337.76
Total	182.6	184.39	218.05	249.95	337.55	584.14	823.64	528.55	231.67	218.99	3559.53