Method for determining parking maxima

Example of Formula to determine rate of parking spaces per thousand(as used in charts)

Employment uses(A2, B1)

Zone 1 $1/x + 10 - 1/200x^2$

Zone 2 $3/x + 10 - 1/10x^2$

Zone 3 $7/x + 10 - 1/3x^2$

Zone 4 $12/x + 10 - 1/2x^2$ **Where x = GFA in 1000's of m^2**

Parking rate maxima given by sample formulae above

GFA	X		Zone 1	Zone 2	Zone 3	Zone 4
100	0.1		19.50	30.00	50.00	80.00
200	0.2		14.88	22.50	37.50	57.50
300	0.3		13.28	18.89	30.00	44.44
400	0.4		12.47	16.88	25.63	36.88
500	0.5		11.98	15.60	22.80	32.00
1000	1		11.00	12.90	16.70	21.50
2000	2		10.50	11.48	13.43	15.88
3000	3		10.33	10.99	12.30	13.94
4000	4		10.25	10.74	11.73	12.97
5000	5		10.20	10.60	11.39	12.38
6000	6		10.17	10.50	11.16	11.99
7000	7		10.14	10.43	10.99	11.70
8000	8		10.12	10.37	10.87	11.49
9000	9		10.11	10.33	10.77	11.33
10000	10		10.10	10.30	10.70	11.20

Example formula for determining maximum number of parking spaces

zone 1 $1 + 10x - 1/200x$

zone 2 $3 + 10x - 1/10x$

zone 3 $7 + 10x - 1/3x$

zone 4 $12 + 10x - 1/2x$ **Where x = GFA in 1000's of m^2**

Resulting parking maxima, different size developments, given by formula above

GFA	X		Zone 1	Zone 2	Zone 3	Zone 4
100	0.1		2	3	5	8
200	0.2		3	5	7	12
300	0.3		4	6	9	13
400	0.4		5	7	10	15
500	0.5		6	8	11	16
1000	1		11	13	17	22
2000	2		21	23	27	32
3000	3		31	33	37	42
4000	4		41	43	47	52
5000	5		51	53	57	62
6000	6		61	63	67	72
7000	7		71	73	77	82
8000	8		81	83	87	92
9000	9		91	93	97	102
10000	10		101	103	107	112