PROPOSED COVERED AREA CHART

PROPOSED BLOCK-A

BUILDING BLOCK		IT FAR-2.0	IT SERVICES	OTHER FACILITY FAR-2.0	OTHER FACILITY SERVICES	TOTAL COVERAGE
IT BLOCK	G.Floor			5365.233	252.085	5617.32
	1st Floor	4744.541	356.070			5100.61
	2nd Floor	5194.209	366.517			5560.73
	3rd Floor	5192.550	366.514			5559.06
	4th Floor	5191.456	710.335			5901.79
	5th Floor	5185.311	366.517			5551.83
	6th Floor	4990.294	905.565			5895.86
	7th Floor	5180.681	366.517			5547.20
	8th Floor	5112.114	363.403			5475.52
	9th Floor	2060.848	123.810			2184.66
	10th Floor	924.486	117.370			1041.86
	Mumty & Machine		334.538			334.54
TOTAL		43776.49	4377.16	5365.23	252.09	53770.96

PROPOSED BLOCK-B

BUILDING BLOCK		COMMERCIAL FAR-2.0	COMMERCIAL SERVICES	OTHER FACILITY FAR-2.0	OTHER FACILITY SERVICES	TOTAL COVERAGE
COMMERCIAL BLOCK	G.Floor	3134.218	101.397			3235.615
	1st Floor	2890.528	101.397			2991.925
	2nd Floor	2410.374	100.647	287.937	0.645	2799.603
	Mumty		61.986			61.986
TOTAL		8435.12	365.427	287.937	0.645	9089.129

PROPOSED BLOCK-C

BUILDING BLOCK		COMMERCIAL FAR-2.0	COMMERCIAL SERVICES	TOTAL COVERA	CANOPY AREA	HT METER ROOM	FREE FROM FAR
GINGER HOTEL BLOCK	G.Floor	409.18	62.43	471.61	61.33	10	24
	1st Floor	412.22	42.82	455.04			
	2nd Floor	412.22	42.82	455.04			
	3rd Floor	412.22	42.82	455.04			
	4th Service Floor		42.82	42.82			412.22
	5th Floor	412.22	58.72	470.94			
	6th Floor	412.22	42.82	455.04			
	7th Floor	412.22	42.82	455.04			
	8th Floor	412.22	42.82	455.04			
	Mumty		25.969	25.969			
TOTAL		3294.72	446.859	3741.58	61.33	10	436.22

FUTURE EXPANSION BLOCK-D

BUILDING BLOCK		RESIDENTIAL FAR-2.0	RESIDENTIAL SERVICES	COMMERCIAL FAR-2.0	COMMERCIAL SERVICES	OTHER FACILITY FAR-2.0	OTHER FACILITY SERVICES	TOTAL COVERAGE
RESIDENTIAL BLOCK	G.Floor			351.04	3.75	677.30	95.08	1127.17
	1st Floor	516.44	44.90	45.91	0.69	377.79	59.32	1045.049
	2nd Floor	910.70	97.13					1007.83
	3rd Floor	844.33	97.13					941.46
	4th Floor	844.33	97.13					941.46
	5th Floor	844.33	97.13					941.46
	6th Floor	844.33	97.13					941.46
	7th Floor	844.33	97.13					941.46
	8th Floor	844.33	97.13					941.46
	9th Floor	844.33	97.13					941.46
	10th Floor	844.33	97.13					941.46
	11th Floor	844.33	97.13					941.46
	12th Floor	844.33	97.13					941.46
	13th Floor	847.73	97.13					944.86
	Mumty & Machine		86.13					86.13
TOTAL		10718.17	1296.59	396.95	4.44	1055.09	154.40	13625.64

FUTURE EXPANSION BLOCK-E

BUILDING BLOCK		RESIDENTIAL		OTHER FACILITY FAR-2.0	OTHER FACILITY SERVICES	TOTAL COVERAGE
CLUB BLOCK	G.Floor			986.41	52.09	1038.50
	1st Floor			976.79	50.07	1026.86
	2nd Floor			745.77	53.66	799.43
	3rd Floor			687.89	111.97	799.87
	4th Floor			687.89	111.97	799.87
	5th Floor			687.89	111.97	799.87
	6th Floor			687.89	111.97	799.87
	7th Floor			687.89	111.97	799.87
	8th Floor	705.61	94.26			799.87
	9th Floor	705.61	94.26			799.87
	Mumty & Machine				52.80	52.80
TOTAL		1411.21	188.52	6148.43	768.49	8516.65

PROPOSED+ACHIVED

BUILDING BLOCK	GRAND TOTAL	TOTAL F.A.R.	TOTAL SERVICES
IT BLOCK	12057.15	10994.711	652.159
	11074.52	10709.982	655.274
	11077.67	9961.212	661.419
	8272.46	7136.993	680.423
	8140.98	6723.679	962.258
	7293.15	6717.534	575.620
	8579.07	6934.737	1173.388
	8198.60	7125.124	618.440
	8126.92	6368.664	503.353
	4836.06	3317.398	263.760
	2088.05	1768.816	293.268
	1276.00	844.330	431.668
	941.46	844.330	97.130
	944.86	847.730	97.130
	86.13		86.130
COMMERCIAL BLOCK	9089.129		
GINGER HOTEL BLOCK	3741.58		
RESIDENTIAL BLOCK	10718.17		
CLUB BLOCK	1411.21		
TOTAL	92993.09	80295.24	7751.420

SERVICES AREA DETAIL

	PERMISSIBLE SERVICES	PROPOSED SERVICE	% ACHIEVED	
MAXIMUM	11376.5175	11322.03	14.928	
IT SERVICES AREA	RESIDENTIAL SERVICES	COMMERCIAL SERVICES AREA	OTHER FACILTIES SERVICE AREA	CANOPY SERVICES AREA
4377.16	1485.11	816.73	1175.62	61.33
BASEMENT SERVICES AREA				
TOTAL SERVICES AREA	IT SERVICES AREA +COMMERCIAL SERVICES AREA +RESIDENTIAL SERVICES AREA +OTHER FACILTIES		7915.94	

USE WISE AREA BREAK UP

PARTICULARS	TOTAL PERMISSIBLE	AREA AS PER PRE ISSUE	PRPOSED AREA UNDER 2.0 FAR(IN SQM)	TOTAL PRPOSED AREA (IN SQM)
PERM. FAR @200	80899.68		80899.680	80899.680
AREA IT USE@50% MIN OF PERMIS. FAR	40449.84		43786.49	43786.49
RESIDENTIAL USE @15% MAX. OF PERMIS. FAR	12134.952		12129.38	12129.38
COMMMERCIAL USE @15% MAX. OF PERMIS. FAR	12134.952		12126.79	12126.79
OTHER FACILITY USE @20% MAX. OF PERM. FAR	16179.936		12856.691	12856.69
TOTAL	80899.68		80899.348	80899.348

ALL BLOCK TOTAL FAR AREA	IT+HT ROOM		RESIDENTIAL		COMMERCIAL		OTHER FACILITY		TOTAL
	43786.49	+	12129.38	+	12126.79	+	12856.691	+	80899.348

ALL BLOCK TOTAL SERVICE	IT		RESIDENTIAL		COMMERCIAL		OTHER FACILITY		BASEMENT SERVICE		CANOPY AREA		FREE FROM FAR GUARD ROOM+SERV.		TOTAL
	4377.16	+	1485.11	+	816.73	+	1175.62	+	3406.092	+	61.33	+		+	11322.03

AREA CHART
PERMISSIBLE AREA

1	PLOT AREA	40449.84	SQ.MT.
2	PERMISSIBLE FAR @200% OF PLOT AERA	80899.68	SQ.MT.
3	MAX. PERM. SERVICES AREA OF ALL BLOCK@15% OF 187.5 % (75843.45) FAR	11376.52	SQ.MT.
4	MAX. PERM. FAR FOR COMMERCIAL BLOCK@15% OF PER FAR	12134.95	SQ.MT.
5	MAX. PERM. FAR FOR RESIDENCE BLOCK@15% OF PER FAR	12134.95	SQ.MT.
6	MAX. PERM. FAR FOR OTHER FACILITIES @20% OF PER FAR	16179.94	SQ.MT.
7	MAX. PERM. FAR FOR IT BLOCK@50% OF PER FAR	40449.84	SQ.MT.
8	MAX. GROUND COVERAGE @30% OF PER FAR	12134.95	SQ.MT.

AREA CHART
PROPOSED AREA

1	PLOT AREA	40449.84	SQ.MT.
2	PROPOSED FAR @180.284% OF PLOT AERA	80295.24	SQ.MT.
3	PROPOSED AREA OF ALL BLOCK@10.584% OF 187.5 % (75843.45) FAR	8027.00	SQ.MT.
4	PROPOSED FAR FOR COMMERCIAL BLOCK@14.99% OF PER FAR	12126.79	SQ.MT.
5	PROPOSED FAR FOR RESIDENCE BLOCK@13.269% OF PER FAR	12129.38	SQ.MT.
6	PROPOSED FAR FOR OTHER FACILITIES @8.201% OF PER FAR	6634.55	SQ.MT.
7	PROPOSED FAR FOR IT BLOCK@53.626% OF PER FAR	43786.49	SQ.MT.
8	GROUND COVERAGE @27.072% OF PER FAR	12057.15	SQ.MT.

PROPOSED PARKING AREA

S.no.	Lenth		Width		No		Area in Sq.Mt.
A	11.000	x	90.555	x	1	=	996.105
B	15.717	x	19.228	x	1	=	302.206
C	AS PER DETAIL			x	1	=	10.257
D	5.024	x	14.604	x	1	=	73.370
E	31.740	x	2.701	x	0.5	=	42.865
F	11.000	x	76.561	x	1	=	842.171
G	45.444	x	11.000	x	1	=	499.884
H	11.000	x	77.509	x	1	=	852.599
J	22.470	x	31.725	x	1	=	712.861
K	5.247	x	6.000	x	0.5	=	15.741
L	15.577	x	6.000	x	1	=	93.462
M	25.000	x	5.000	x	1	=	125.000
N	32.630	x	11.000	x	1	=	358.930
P	11.000	x	32.623	x	1	=	358.853
Q	10.761	x	53.451	x	1	=	575.186
R	41.872	x	10.114	x	1	=	423.493
S	24.700	x	2.096	x	0.5	=	25.886
T	24.700	x	5.562	x	1	=	137.381
U	94.397	x	8.009	x	0.5	=	378.013
V	27.825	x	10.114	x	1	=	281.422
W	AS PER DETAIL			x	1	=	6.769
Sub Total Area							7112.455

SITE PARKING DETAIL=7112.46 SQ.M

SITE PARKING DETAIL=$\frac{7112.460}{20}$=355.62=356 ECS

TOTAL SITE PARKING =356 ECS

PROPOSED COVERED AREA CHART

PROPOSED BLOCK-A

BUILDING BLOCK		IT FAR-2.0	IT SERVICES	OTHER FACILITY FAR-2.0	OTHER FACILITY SERVICES	TOTAL COVERAGE
IT BLOCK	G.Floor			5365.233	252.085	5617.32
	1st Floor	4744.541	356.070			5100.61
	2nd Floor	5194.209	366.517			5560.73
	3rd Floor	5192.550	366.514			5559.06
	4th Floor	5191.456	710.335			5901.79
	5th Floor	5185.311	366.517			5551.83
	6th Floor	4990.294	905.565			5895.86
	7th Floor	5180.681	366.517			5547.20
	8th Floor	5112.114	363.403			5475.52
	9th Floor	2060.848	123.810			2184.66
	10th Floor	924.486	117.370			1041.86
	Mumty & Machine		334.538			334.54
TOTAL		43776.49	4377.16	5365.23	252.09	53770.96

PROPOSED BLOCK-B

BUILDING BLOCK		COMMERCIAL FAR-2.0	COMMERCIAL SERVICES	OTHER FACILITY FAR-2.0	OTHER FACILITY SERVICES	TOTAL COVERAGE
COMMERCIAL BLOCK	G.Floor	3134.218	101.397			3235.615
	1st Floor	2890.528	101.397			2991.925
	2nd Floor	2410.374	100.647	287.937	0.645	2799.603
	Mumty		61.986			61.986
TOTAL		8435.12	365.427	287.937	0.645	9089.129

PROPOSED BLOCK-C

BUILDING BLOCK		COMMERCIAL FAR-2.0	COMMERCIAL SERVICES	TOTAL COVERA	CANOPY AREA	HT METER ROOM	FREE FROM FAR
GINGER HOTEL BLOCK	G.Floor	409.18	62.43	471.61	61.33	10	24
	1st Floor	412.22	42.82	455.04			
	2nd Floor	412.22	42.82	455.04			
	3rd Floor	412.22	42.82	455.04			
	4th Service Floor		42.82	42.82			412.22
	5th Floor	412.22	58.72	470.94			
	6th Floor	412.22	42.82	455.04			
	7th Floor	412.22	42.82	455.04			
	8th Floor	412.22	42.82	455.04			
	Mumty		25.969	25.969			
TOTAL		3294.72	446.859	3741.58	61.33	10	436.22

ACHIVED

BUILDING BLOCK	GRAND TOTAL	TOTAL F.A.R. AREA @2.0	TOTAL SERVICES
IT BLOCK	9419.87	8918.631	501.242
	8547.58	8047.289	500.287
	8815.37	8304.740	509.984
	6076.09	5604.770	471.320
	6356.83	5191.456	1165.375
	5551.83	5185.311	366.517
	6366.80	5402.514	964.285
	6002.24	5592.901	409.337
	5930.56	5524.334	406.223
	2639.70	2473.068	166.630
	1067.83	924.486	143.339
	334.54		334.538
COMMERCIAL BLOCK	9089.129		
GINGER HOTEL BLOCK	3741.58		
TOTAL	67109.22	61169.500	5939.077
BASEMENT AREA	28213.397		3598.184
	95322.619	61169.500	9537.261

ALL BLOCK TOTAL FAR AREA	IT+HT ROOM		COMMERCIAL		OTHER FACILITY		TOTAL
	43786.49	+	11729.84	+	5653.170	+	61169.500

ALL BLOCK TOTAL SERVICE	IT		COMMERCIAL		OTHER FACILITY		BASEMENT SERVICE		CANOPY AREA		FREE FROM FAR GUARD ROOM+SERV. FLOOR		TOTAL
	4377.16	+	812.29	+	252.73	+	3406.092	+	61.33	+		+	8909.59

ACHIVED SERVICES AREA DETAIL

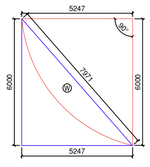
	PERMISSIBLE SERVICES	PROPOSED SERVICE	% ACHIEVED	
MAXIMUM	11376.5175	11322.03	14.928	
IT SERVICES AREA	RESIDENTIAL SERVICES	COMMERCIAL SERVICES AREA	OTHER FACILTIES SERVICE AREA	HT METER+CANOPY SERVICES AREA
4377.16		812.29	252.73	61.33
BASEMENT SERVICES AREA				
TOTAL SERVICES AREA	IT SERVICES AREA+COMMERCIAL SERVICES AREA +RESIDENTIAL SERVICES AREA +OTHER FACILTIES		5503.50	

ACHIVED USE WISE AREA BREAK UP

PARTICULARS	TOTAL PERMISSIBLE	AREA AS PER PRE ISSUE	PRPOSED AREA UNDER 2.0 FAR(IN SQM)	TOTAL PRPOSED AREA (IN SQM)
PERM. FAR @200	80899.68		80899.680	80899.680
AREA IT USE@50% MIN OF PERMIS. FAR	40449.84		43786.49	43786.49
RESIDENTIAL USE @15% MAX. OF PERMIS. FAR				
COMMMERCIAL USE @15% MAX. OF PERMIS. FAR	12134.952		12126.79	12126.79
OTHER FACILITY USE @20% MAX. OF PERM. FAR	16179.936		12856.69	12856.69
TOTAL	68764.728		68769.968	68769.968

AREA CHART
PROPOSED AREA

1	PLOT AREA	40449.84	SQ.MT.
2	PROPOSED FAR @150.045% OF PLOT AERA	61169.50	SQ.MT.
3	PROPOSED AREA OF ALL BLOCK@8.14% OF 187.5 % (75843.45) FAR	6173.80	SQ.MT.
4	PROPOSED FAR FOR COMMERCIAL BLOCK@14.499% OF PER FAR	11729.84	SQ.MT.
5	PROPOSED FAR FOR OTHER FACILITIES @6.897% OF PER FAR	5579.46	SQ.MT.
6	PROPOSED FAR FOR IT BLOCK@53.626% OF PER FAR	43786.49	SQ.MT.
7	GROUND COVERAGE @23.119% OF PER FAR	9419.87	SQ.MT.



Detail-W

$\frac{1}{2}$ xLxH-{($\frac{a}{360x}$x[1]r^2)- \ s(s-a)(s-b)(s-c)]

a =7.571

b =5.247

c =6.000

s =$\frac{7.571+5.247+6.000}{2}$ = 9.609

$\frac{1}{2}$x6.000x5.247-($\frac{90}{360x}$x3.14x5.247x6.000)

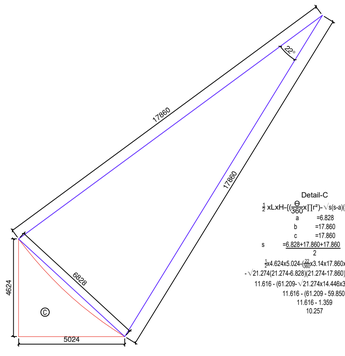
- \ 9.609(9.609-7.971)(9.609 -5.247)(9.609-6.000)

15.741 - (24.713- \ 9.609x1.638x4.362x3.609)

15.741 - (24.713 - 15.741)

15.741 - 8.972

6.769



Detail-C

$\frac{1}{2}$ xLxH-{($\frac{a}{360x}$x[1]r^2)- \ s(s-a)(s-b)(s-c)]

a =6.828

b =17.860

c =17.860

s =$\frac{6.828+17.860+17.860}{2}$ = 21.274

$\frac{1}{2}$x4.624x5.024-($\frac{90}{360x}$x3.14x17.860x17.860)

- \ 21.274(21.274-6.828)(21.274-17.860)(21.274-17.860)

11.616 - (61.209- \ 21.274x14.446x3.414x3.414)

11.616 - (61.209 - 59.850)

11.616 - 1.359

10.257

OWNERS' SIGN:

ARCHITECT'S SIGN:

PART COMPLETION PLAN FOR BLOCK-A,B&C OF I.T PARK,
M/s ZESTHA PROJECTS (P) LTD.
ON PLOT NO. 26/1, SECTOR K.P.-III,
GREATER NOIDA, U.P.

I.T. BLOCK

SHEET TITLE:
Site Plan

DRAWING NO:
A-01a

SCALE:
1:200

DATE:

ARCHITECTS:

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