Job Title :

PROPOSED GROUP HOUSING FOR VAIBHAVS HERITAGE HEIGHT AT PLOT NO. - GH-01 E SEC 16 GREATER NOIDA GB NAGAR UP

Client :

B S BULDTECH
01: H 1/B-64 JANAKPURI NEW DELHI 110058
02: H 215 1st FLOOR SEC 63 NOIDA DISTT. GB NAGAR UP 201301

DRAWING TITLE:

LAYOUT PLAN

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ARCHITECT:

Kishan Hingorani
Architect
CA/2006/37536

For B S BUILDTECH
Authorised Signatory

OWNER:

SCALE: 1:200

DWG. NO. SUB-01

DATE: 04-08-2014

PROJECT TEAM: NUPC

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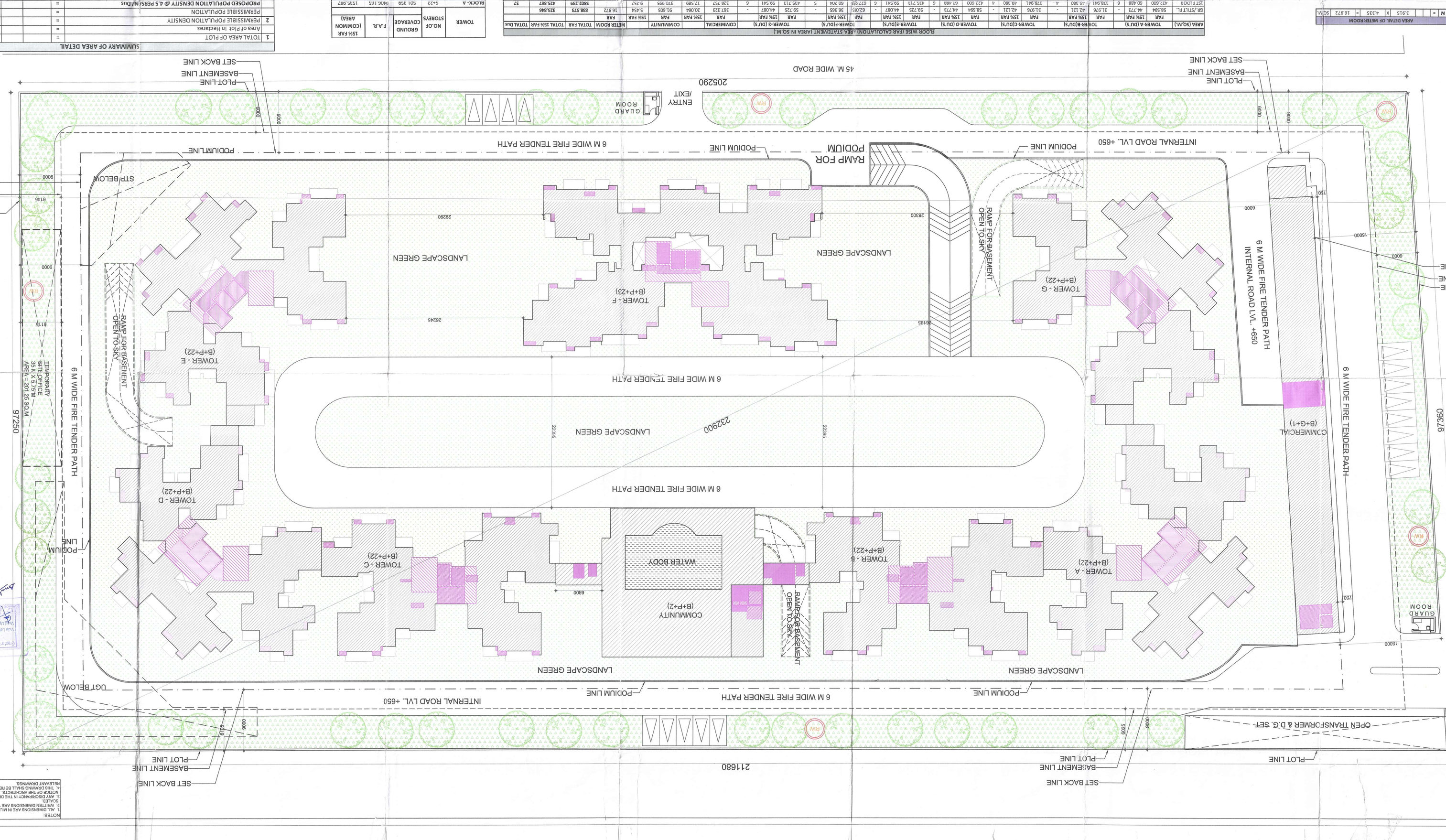

SUMMARY OF AREA DETAIL

1	TOTAL AREA OF PLOT	=	20265.080	SQ. M.
	Area of Plot in Hectares	=	2.0265	Hectares
2	PERMISSIBLE POPULATION DENSITY	=	2100	PPHA
	PERMISSIBLE POPULATION DENSITY	=	4686	Persons
	PROPOSED POPULATION DENSITY (3686/2.0265)	=	4256	Persons
	PROPOSED POPULATION DENSITY	=	1819	PPHA
3	PERMISSIBLE FSI ON TOTAL PLOT AREA @ 4.5 PERSON/Dus	=	946	Dus
	PROPOSED NO. OF DWELLING UNITS	=	819	Dus
4	PERMISSIBLE GROUND COVERAGE (35% of PLOT AREA)	@ 35.00% of plot	7092.778	SQ. M.
	PROPOSED GROUND COVERAGE	= 21.67%	4390.684	SQ. M.
5	PERMISSIBLE PRIMORIAL F.A.R. @ 25 of 20265.08 SQ.M.	@ 2.75 of plot	55728.970	SQ. M.
	PERMISSIBLE PRIMORIAL F.A.R. @ 75 OF 20265.08 SQ.M.	@ 0.75 of plot	15198.810	SQ. M.
	TOTAL PERMISSIBLE F.A.R. AREA	=	70927.780	SQ. M.
	PROPOSED PRINCIPAL F.A.R.	= 3.4907	70739.480	SQ. M.
6	PERMISSIBLE COMMERCIAL AREA 3% of PERMISSIBLE FAR	@ 100% of FAR	709.278	SQ. M.
	PROPOSED COMMERCIAL AREA	= 0.9814% of FAR	696.080	SQ. M.
7	PROPOSED AREA FOR COMMUNITY	=	541.979	SQ. M.
8	PERMISSIBLE AREA FOR COMMUNITY (15% of FAR)	@ 15.00% of FAR	10639.167	SQ. M.
	PROPOSED AREA IN 15% COMMON AREA (15% of FAR)	= 14.9859% of FAR	10628.827	SQ. M.
9	REQUIRED PARKING (1 ECS PER 80 SQ. M OF FAR AREA)	@ 1 ECS / 80	884.744	ECS
	TOTAL PROPOSED PARKING (STILT + POSUIM+SUL + B1)	=	911	ECS
10	TOTAL OPEN AREA (PLOT AREA - GROUND COVERAGE)	=	15974.396	SQ. M.
11	REQUIRED GREEN = 50% of (OPEN AREA) (calculation = 15974.396/2)	=	7937.20	SQ. M.
	PROPOSED GREEN AREA	=	8558.45	SQ. M.
12	REQUIRED NO. OF TREES (OPEN AREA/100)(Calculation = 15974.396/100)	@ 100	158.74	No. of Trees
	PROPOSED NO. OF TREES	= 200	200	No. of Trees
	PROPOSED EVERGREEN TREES (Calculation = 200/2)	= 100	100	No. of Trees
	PROPOSED SHRUBS (Calculation = 200/2)	= 100	100	No. of SHURBS

BRIEF SUMMARY OF CONSTRUCTION AREAS

1	TOTAL FAR AREA		70739.480	SQ. M.
2	15% COMMON AREA		10628.827	SQ. M.
3	PODIUM AREA		12027.490	SQ. M.
4	PERMISSIBLE IN TEMPORARY STRUCTURE (DURING CONSTRUCTION)		16555.102	SQ. M.
5	TOTAL AREA OF BASEMENT		201.250	SQ. M.
6	TOTAL AREA IN TEMPORARY STRUCTURE (DURING CONSTRUCTION)		16756.352	SQ. M.
	TOTAL OF ALL CONSTRUCTED AREAS		110152.149	SQ. M.
	TOTAL ELECTRICAL LOAD CALCULATIONS	= 2400		KVA

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	PROPOSED POPULATION DENSITY	=	1819	PPHA
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	PROPOSED GROUND COVERAGE	= 21.67%	4390.684	SQ. M.
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	PERMISSIBLE PRIMORIAL F.A.R. @ 75 OF 20265.08 SQ.M.	@ 0.75 of plot	15198.810	SQ. M.
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	PROPOSED GREEN AREA	=	8558.45	SQ. M.
12	REQUIRED NO. OF TREES (OPEN AREA/100)(Calculation = 15974.396/100)	@ 100	158.74	No. of Trees
	PROPOSED NO. OF TREES	= 200	200	No. of Trees
	PROPOSED EVERGREEN TREES (Calculation = 200/2)	= 100	100	No. of Trees
	PROPOSED SHRUBS (Calculation = 200/2)	= 100	100	No. of SHURBS

TOTAL ELECTRICAL LOAD CALCULATIONS

	=	2400	KVA

FLOOR WISE (FAR CALCULATION) (FA. STATEMENT (AREA IN SQ.M.)

AREA (SQ.M.)	TOWER-A (DU'S)	TOWER-B (DU'S)	TOWER-C (DU'S)	TOWER-D (DU'S)	TOWER-E (DU'S)	TOWER-F (DU'S)	TOWER-G (DU'S)	COMMERCIAL	COMMUNITY	METER ROOM	TOTAL F.AR	TOTAL F.AR TOTAL Dus
GR./STILT FL.	56.594	44.773	62.087	36.365	59.725	44.087	42.121	-	31.976	4.275	402.743	
1ST FLOOR	42.121	44.087	62.087	36.365	59.725	44.087	42.121	-	31.976	4.275	402.743	
2ND FLOOR	42.121	44.087	62.087	36.365	59.725	44.087	42.121	-	31.976	4.275	402.743	
3RD FLOOR	42.121	44.087	62.087	36.365	59.725	44.087	42.121	-	31.976	4.275	402.743	
4TH FLOOR	43.458	45.424	63.424	37.702	61.062	45.424	43.458	-	33.313	4.275	415.857	
5TH FLOOR	43.458	45.424	63.424	37.702	61.062	45.424	43.458	-	33.313	4.275	415.857	
6TH FLOOR	43.458	45.424	63.424	37.702	61.062	45.424	43.458	-	33.313	4.275	415.857	
7TH FLOOR	43.458	45.424	63.424	37.702	61.062	45.424	43.458	-	33.313	4.275	415.857	
8TH FLOOR	43.458	45.424	63.424	37.702	61.062	45.424	43.458	-	33.313	4.275	415.857	
9TH FLOOR	43.458	45.424	63.424	37.702	61.062	45.424	43.458	-	33.313	4.275	415.857	
10TH FLOOR	43.458	45.424	63.424	37.702	61.062	45.424	43.458	-	33.313	4.275	415.857	
11TH FLOOR	43.458	45.424	63.424	37.702	61.062	45.424	43.458	-	33.313	4.275	415.857	
12TH FLOOR	43.458	45.424	63.424	37.702	61.062	45.424	43.458	-	33.313	4.275	415.857	
13TH FLOOR	43.458	45.424	63.424	37.702	61.062	45.424	43.458	-	33.313	4.275	415.857	
14TH FLOOR	43.458	45.424	63.424	37.702	61.062	45.424	43.458	-	33.313	4.275	415.857	
15TH FLOOR	43.458	45.424	63.424	37.702	61.062	45.424	43.458	-	33.313	4.275	415.857	
16TH FLOOR	43.458	45.424	63.424	37.702	61.062	45.424	43.458	-	33.313	4.275	415.857	
17TH FLOOR	43.458	45.424	63.424	37.702	61.062	45.424	43.458	-	33.313	4.275	415.857	
18TH FLOOR	43.458	45.424	63.424	37.702	61.062	45.424	43.458	-	33.313	4.275	415.857	
19TH FLOOR	43.458	45.424	63.424	37.702	61.062	45.424	43.458	-	33.313	4.275	415.857	
20TH FLOOR	43.458	45.424	63.424	37.702	61.062	45.424	43.458	-	33.313	4.275	415.857	
21TH FLOOR	43.458	45.424	63.424	37.702	61.062	45.424	43.458	-	33.313	4.275	415.857	
22ND FLOOR	43.458	45.424	63.424	37.702	61.062	45.424	43.458	-	33.313	4.275	415.857	
23RD FLOOR	43.458	45.424	63.424	37.702	61.062	45.424	43.458	-	33.313	4.275	415.857	
TOTAL	906.165	1555.987	132	1514.661	1514.661	132	1514.661	132	696.080	64.459	7739.480	10307.569 819
TERRACE	160.677	-	160.677	160.677	160.677	-	160.677	26.8056	153.786	41.2226	1108.944	
PLATFORM	14.252	13.146	14.252	14.252	14.252	13.146	14.252	11.85	14.252	4.275	94.602	
23rd FLOOR	422.600	60.488	422.600	627.98	627.98	60.204	422.600	5	627.98	60.204	4227.979	60.204 5
22nd FLOOR	422.600	60.488	422.600	627.98	627.98	60.204	422.600	5	627.98	60.204	4227.979	60.204 5
21st FLOOR	422.600	60.488	422.600	627.98	627.98	60.204	422.600	5	627.98	60.204	4227.979	60.204 5
20th FLOOR	422.600	60.488	422.600	627.98	627.98	60.204	422.600	5	627.98	60.204	4227.979	60.204 5
19th FLOOR	422.600	60.488	422.600	627.98	627.98	60.204	422.600	5	627.98	60.204	4227.979	60.204 5
18th FLOOR	422.600	60.488	422.600	627.98	627.98	60.204	422.600	5	627.98	60.204	4227.979	60.204 5
17th FLOOR	422.600	60.488	422.600	627.98	627.98	60.204	422.600	5	627.98	60.204	4227.979	60.204 5
16th FLOOR	422.600	60.488	422.600	627.98	627.98	60.204	422.600	5	627.98	60.204	4227.979	60.204 5
15th FLOOR	422.600	60.488	422.600	627.98	627.98	60.204	422.600	5	627.98	60.204	4227.979	60.204 5
14th FLOOR	422.600	60.488	422.600	627.98	627.98	60.204	422.600	5	627.98	60.204	4227.979	60.204 5
13th FLOOR	422.600	60.488	422.600	627.98	627.98	60.204	422.600	5	627.98	60.204	4227.979	60.204 5
12th FLOOR	422.600	60.488	422.600	627.98	627.98	60.204	422.600	5	627.98	60.204	4227.979	60.204 5
11th FLOOR	422.600	60.488	422.600	627.98	627.98	60.204	422.600	5	627.98	60.204	4227.979	60.204 5
10th FLOOR	422.600	60.488	422.600	627.98	627.98	60.204	422.600	5	627.98	60.204	4227.979	60.204 5
9th FLOOR	422.600	60.488	422.600	627.98	627.98	60.204	422.600	5	627.98	60.204	4227.979	60.204 5
8TH FLOOR	422.600	60.488	422.600	627.98	627.98	60.204	422.600	5	627.98	60.204	4227.979	60.204 5
7TH FLOOR	422.600	60.488	422.600	627.98	627.98	60.204	422.600	5	627.98	60.204	4227.979	60.204 5
6TH FLOOR	422.600	60.488	422.600	627.98	627.98	60.204	422.600	5	627.98	60.204	4227.979	60.204 5
5TH FLOOR	434.638	60.488	447.751	641.031	641.031	60.204	447.751	5	641.031	60.204	4387.867	60.204 5
4TH FLOOR	434.638	60.488	447.751	641.031	641.031	60.204	447.751	5	641.031	60.204	4387.867	60.204 5
3RD FLOOR	434.638	60.488	447.751	641.031	641.031	60.204	447.751	5	641.031	60.204	4387.867	60.204 5
2ND FLOOR	422.600	60.488	434.573	622.98	622.98	60.204	434.573	5	622.98	60.204	4259.387	60.204 5
1ST FLOOR	422.600	60.488	434.573	622.98	622.98	60.204	434.573	5	622.98	60.204	4259.387	60.204 5
GR./STILT FL.	56.594	44.773	62.087	36.365	59.725	44.087	42.121	-	31.976	4.275	402.743	
	FAR	FAR	FAR	FAR	FAR	FAR	FAR	FAR	FAR	FAR	FAR	
	15% F.AR	15% F.AR	15% F.AR	15% F.AR	15% F.AR	15% F.AR	15% F.AR	15% F.AR	15% F.AR	15% F.AR	15% F.AR	
	TOWER-A (DU'S)	TOWER-B (DU'S)	TOWER-C (DU'S)	TOWER-D (DU'S)	TOWER-E (DU'S)	TOWER-F (DU'S)	TOWER-G (DU'S)	COMMERCIAL	COMMUNITY	METER ROOM	TOTAL F.AR	TOTAL F.AR TOTAL Dus
AREA (SQ.M.)												

AREA DETAIL OF METER ROOM

M	=	3.95	X	4.335	=	16.922	SQ.M.

AREA DETAIL OF GUARD ROOM

G	=	2	X	3.465	X	2.220	=	15.423	SQ.M.

DETAIL OF DWELLING UNITS

TYPE	No.	TYPE	No.	TYPE	No.	TYPE	No.	TYPE	No.	TYPE	No.	TYPE	No.	TYPE	No.	TYPE	No.	TOTAL Dus
TYPE-1	88	TYPE-2	41	TYPE-2A	3	TYPE-3	3	TYPE-3A	3	TYPE-4	44	TYPE-5	22	TYPE-6	22	TYPE-7	46	132
TYPE-1	88	TYPE-2	41	TYPE-2A	3	TYPE-3	3	TYPE-3A	3	TYPE-4	44	TYPE-5	22	TYPE-6	22	TYPE-7	46	132
TYPE-1	66	TYPE-2	63