



KEY PLAN

SITE PLAN/ AREA CALCULATION

DRAWING NO.

FAR AREA CALCULATIONS			
Description		SQ.MT.	
1 Plot area		98,373.75	
2 Permissible FAR (2.75)		270,527.81	
275% of 98,373.75			
3 Permissible Ground Coverage 35%		34,430.812	
35 % of 98,373.75			
4 Permissible Commercial Area (1% of Permissible FAR)		2,705.278	
1% of 270,527.81			
5 Permissible 15% additional FAR of Permissible FAR		40,579.172	
6 Total Proposed Ground Coverage	21.025 %	20,683.250	
7 Proposed FAR Achieved	274.85 %	2,703.379.582	
Proposed FAR of Buildings	TOWERS	2,64,827.135	
Proposed FAR of Community Center		1651.717	1988.970
Proposed FAR of Commercial		2699.28	
8 Density Calculations			
Permissible Density 1650 (-50% or +5%) per / hectare		825.00-1732.5	
Total Population			
9.8373X1650 (-50% or +5%) = 8115.772 to 17043.12		8,116-17,043	Persons
Total dwelling units			
Standard size of Family 4.5 Persons			
total population/4.5 = Total dwelling units			
9 Permissible Dwelling Units	(1803.504 to 3,787.36)	1,804-3,787	units
Proposed Dwelling Units		3130	D.U
		248(S.R.M.)	units
10 Proposed Population	(3130X4.5) + (248X2.25)=14085.558+14643	14643	Persons
11 Proposed Density		1488.518	PPHA
12 Area of Basement		90697.05	Sq.Mt.
13 Proposed 15% Additional FAR		27963.29	Sq.Mt.

14	Area of Podium	15527.441 Sq M			
15	Area of Stilt area	619.855 Sq M			
16	Total Electric Load	12630 KVA			
GROUND COVERAGE CALCULATIONS					
GROUND COVERAGE CAL IN RESIDENTIAL HIGH RISE (P)					
1	TOWER-A-1	527.46	X	1	527.46
2	TOWER-A-2	527.46	X	1	527.46
3	TOWER-A-3	527.46	X	1	527.46
4	TOWER-A-4	527.46	X	1	527.46
5	TOWER-B-1	455.56	X	1	455.56
6	TOWER-B-2	455.56	X	1	455.56
7	TOWER-B-3	455.56	X	1	455.56
8	TOWER-B-4	455.56	X	1	455.56
9	TOWER-B-5	455.56	X	1	455.56
10	TOWER-B-6	455.56	X	1	455.56
11	TOWER-G-1	603.86	X	1	603.86
12	TOWER-G-2	603.86	X	1	603.86
13	TOWER-G-3	603.86	X	1	603.86
14	TOWER-G-4	603.86	X	1	603.86
15	TOWER-G-7	603.86	X	1	603.86
16	TOWER-G-8	603.86	X	1	603.86
17	TOWER-H-1	326.62	X	1	326.62
18	TOWER-H-2	326.62	X	1	326.62
19	TOWER-H-3	326.62	X	1	326.62
20	TOWER-H-4	326.62	X	1	326.62
21	TOWER-H-5	469.4	X	1	469.4
22	TOWER-N-2	469.4	X	1	469.4
23	TOWER-N-3	469.4	X	1	469.4
24	TOWER-N-4	469.4	X	1	469.4
25	TOWER-Y-1	328.49	X	1	328.49
26	TOWER-Y-2	328.49	X	1	328.49
27	TOWER-Y-3	328.49	X	1	328.49
28	TOWER-Y-4	328.49	X	1	328.49
29	TOWER-Y-5	328.49	X	1	328.49
30	TOWER-Y-6	328.49	X	1	328.49
31	TOWER-Y-7	328.49	X	1	328.49
32	TOWER-Y-8	328.49	X	1	328.49
33	TOWER-Y-9	328.49	X	1	328.49
34	TOWER-Y-10	328.49	X	1	328.49
35	TOWER-Y-11	328.49	X	1	328.49
36	TOWER-Y-12	328.49	X	1	328.49
37	TOWER-Y-13	328.49	X	1	328.49
38	TOWER-Y-15	328.49	X	1	328.49
39	TOWER-Y-17	328.49	X	1	328.49
40	TOWER-Y-18	328.49	X	1	328.49
TOTAL(P)					15906.28
GROUND COVERAGE CALCULATIONS IN COMMERCIAL &					
1	COMMERCIAL	528.06	X	1	928.06
2	COMMUNITY	1200	X	1	1200
TOTAL(Q)					2128.06
GROUND COVERAGE CALCULATIONS IN FACILITIES (R)					
TOWER-G5 & NURSERY		1032.77	X	1	1032.77
1 SCHOOL/CRECHE					
TOWER-Y1 & 3 MILK BOOTH		380.75	X	1	380.75
TOTAL(R)					1413.52
GROUND COVERAGE CALCULATIONS IN GUARD ROOM(S)					
NON TOWER FIRE ESCAPE			X	5	166.235
1 STAIRCASE		33.247			
2 GUARD ROOM		12	X	3	36
TOTAL(S)					202.235
BRIDGE AREA(T)		3.49	X	9.5	33.155

SUBMISSION DRAWING FOR PROPOSED
GROUP-HOUSING AT PLOT NO.GH-01,
SECTOR-02, IN GREATER NOIDA
DISTT. GAUTAMBUDH NAGAR (U.P.)

WNER
VALID UNTIL 18/05/2013
Aiay Enterprises (P) Ltd *[Signature]*

ARCHITECT
VAIBHAV JAIN & ASSOCIATES
105 RAMJIJIAR, DELHI-110 027, PHONE OFF. (011) 3222-3222

195. RAM VIHAR DELHI-92. PHONE OFF.- 42518322	
DRAWING TITLE	DRAWING NO.
SITE PLAN/ AREA CALCULATION	01

NORTH		SCALE
		1:750
ARCH. SEAL & SIG.		

ARCH. SEAL & SIG.

VAIBHAV JAIN, B.Arch, Roorkee
L. No. 200/2018/172
Vatbhav Jain & Associates
195, RAM WAP, PUNJAB 22

OWNERS SIG.

For AIAA INSTITUTE OF ARCHITECTS PVT. LTD