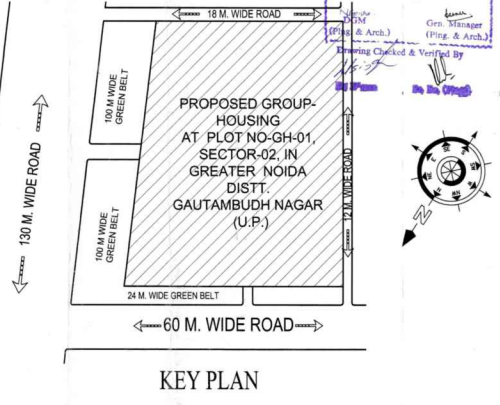


SITE PLAN/ AREA CALCULATION				DRAWING NO.	
				01	
FAR AREA CALCULATIONS					
	Description			SQ.MT.	
1	Plot area			98,373.75	
2	Permissible FAR (2.75)			270,527.81	
3	275% of 98,373.75			34,430.812	
3	Permissible Ground Coverage 35%			35 % of 98,373.75	
4	Permissible Commercial Area (1% of Permissible FAR)			2,705.278	
5	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 %		2,70,379.582	
	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 / hect			825.00-1732.5	
	Total Population				
	9.83731650 (-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		15527.44 Sq.Mt.		
15	Area of Silt area		6319.855 Sq.Mt.		
16	Total Electric Load		12630 KVA		
GROUND COVERAGE CALCULATIONS					
GROUND COVERAGE CAL. IN RESIDENTIAL HIGH RISE ( P )					
1	TOWER-A1	527.46	X	1	527.46
2	TOWER-A2	527.46	X	1	527.46
3	TOWER-A3	527.46	X	1	527.46
4	TOWER-A4	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-5	603.86	X	1	603.86
16	TOWER-G-6	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-N-1	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-14	328.49	X	1	328.49
39	TOWER-Y-15	328.49	X	1	328.49
40	TOWER-Y-16	328.49	X	1	328.49
TOTAL(P)					16906.28
GROUND COVERAGE CALCULATIONS IN COMMERCIAL &					
1	COMMERCIAL	328.06	X	1	328.06
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/CRèche				
	TOWER Y14 & 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	156.235
1	STAIRCASE	33.247	X	3	99.741
2	GUARD ROOM	12	X	3	36
TOTAL(S)					292.235
	BRIDGE AREA(T)	3.49	X	9.5	33.155
Total Ground Coverage(P+Q+R+S+T)					20683.250

SAMPANOM FAR CALCULATIONS WITH TOWER HEIGHT	
Sl. No.	Area
1	Plot Area
2	Permissible FAR (2.75)
3	Permissible Ground Coverage 35%
4	Permissible Commercial Area (1% of Permissible FAR)
5	Permissible 15% additional FAR of Permissible FAR
6	Total Proposed Ground Coverage
7	Proposed FAR Achieved
8	Proposed FAR of Buildings
9	Proposed FAR of Community Center
10	Proposed FAR of Commercial
11	Density Calculations
12	Total Population
13	Total dwelling units
14	Standard size of Family 4.5 Persons
15	total population/4.5 = Total dwelling units
16	Permissible Dwelling Units (1803.504 to 3,787.36)
17	Proposed Dwelling Units
18	Proposed Population (3130X4.5) + (248X2.25)=14085+558=14643
19	Proposed Density
20	Area of Basement
21	Proposed 15% Additional FAR
22	Area of Podium
23	Area of Silt area
24	Total Electric Load

SITE AREA CALCULATIONS	
Sl. No.	Area
1	Plot Area
2	Permissible FAR (2.75)
3	Permissible Ground Coverage 35%
4	Permissible Commercial Area (1% of Permissible FAR)
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19	Proposed Density
20	Area of Basement
21	Proposed 15% Additional FAR
22	Area of Podium
23	Area of Silt area
24	Total Electric Load

DWELLING UNIT CALCULATIONS	
Sl. No.	Area
1	Plot Area
2	Permissible FAR (2.75)
3	Permissible Ground Coverage 35%
4	Permissible Commercial Area (1% of Permissible FAR)
5	Permissible 15% additional FAR of Permissible FAR
6	Total Proposed Ground Coverage
7	Proposed FAR Achieved
8	Proposed FAR of Buildings
9	Proposed FAR of Community Center
10	Proposed FAR of Commercial
11	Density Calculations
12	Total Population
13	Total dwelling units
14	Standard size of Family 4.5 Persons
15	total population/4.5 = Total dwelling units
16	Permissible Dwelling Units (1803.504 to 3,787.36)
17	Proposed Dwelling Units
18	Proposed Population (3130X4.5) + (248X2.25)=14085+558=14643
19	Proposed Density
20	Area of Basement
21	Proposed 15% Additional FAR
22	Area of Podium
23	Area of Silt area
24	Total Electric Load



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

OWNER  
Ajay Enterprises (P) Ltd.

ARCHITECT  
VAIBHAV JAIN & ASSOCIATES  
195, RAM VIHAR DELHI-92. PHONE OFF. - 42518322

DRAWING TITLE  
SITE PLAN/ AREA CALCULATION

DRAWING NO.  
01

NORTH

SCALE  
1:750

ARCH. SEAL & SIG.

OWNERS SIG.

ARCHITECT VAIBHAV JAIN B.ARCH [ROORKEE]