

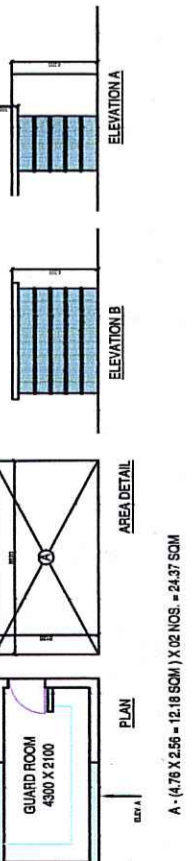
Greenfield Industrial Dev. Authority
 Approved
 Valid upto Dated 08/10/2014
 Nishant Shekhar
 (Pkg. & Arch.)
 Drawing Checked & Verified by
 Nishant Shekhar
 (Pkg. & Arch.)



SNO.	AREA STATEMENT	SQM./NOS.
1	TOTAL PLOT AREA	20620.93 SQM
2	PERMISSIBLE F.A.R FOR HOUSING @ 3.5	72173.35 SQM
3	PERMISSIBLE 15% F.A.R. FOR FACILITY OF TOTAL MAIN F.A.R. AREA	10825.98 SQM
4	PERMISSIBLE GROUND COVERAGE @ 35%	7217.32 SQM
5	PROPOSED TOTAL GROUND COVERAGE @ 24.16%	5105.73 SQM
6	PERMISSIBLE AREA IN F.A.R. FOR COMMERCIAL 1.00% OF TOTAL F.A.R. AREA @ 3.5	721.73 SQM
7	TOTAL F.A.R. ACHIEVED @ 3.49	72169.818 SQM
	A: F.A.R. ACHIEVED FOR RESIDENTIAL (as per table)	71446.08 SQM
	B: F.A.R. ACHIEVED FOR COMMERCIAL (as per table)	721.73 SQM
8	TOTAL BASEMENT AREA	13705.58 SQM
9	ADDITIONAL FACILITY F.A.R. PROPOSED (NOT MORE THAN 15% OF MAIN F.A.R. AREA)	3705.135 SQM
10	DENSITY CALCULATION	
	TOTAL POPULATION PROPOSED @ 3.5 FAR	2934.5 PERSONS
i)	Permissible	1650
	PPH	3402.45
	Persons	756.1897 756 units
ii)	Proposed	1650
	PPH	2939
	Persons	624 units
11	PARKING REQUIREMENT	
	PERMISSIBLE 1 PARKING SPACE PER 80 SQM OF FAR AREA	902 ECS
	PROPOSED PARKING - OPEN AREA	
	AREA REQD. FOR ONE CAR PARK	20 SQM
	AREA AVAILABLE FOR OPEN CAR PARKING	4827.579 SQM
	PROPOSED NO. OF CAR PARKS IN OPEN	216.37 SAY 216 CARS
	PROPOSED PARKING - STILT AREA	
	AREA REQD. FOR ONE CAR PARK	30 SQM
	AREA AVAILABLE FOR STILT CAR PARKING	2152.342 SQM
	PROPOSED NO. OF CAR PARKS IN STILT	71.7 SAY 72 CARS
	STILT AREA OF TOWER A	324.567
	STILT AREA OF TOWER B	45.97
	STILT AREA OF TOWER C	381.493
	STILT AREA OF TOWER D	317.194
	STILT AREA OF TOWER E	265.099
	STILT AREA OF TOWER F	418.619
	STILT AREA OF TOWER G	2153.342
	PROPOSED PARKING - BASEMENT AREA	
	AREA REQD. FOR ONE CAR PARK	35 SQM
	AREA AVAILABLE FOR BASEMENT CAR PARKING	12665.68 SQM
	PROPOSED NO. OF CAR PARKS IN BASEMENT (SINGLE LAYER)	362 CARS
	MECHANICAL PARKING IN 25-CAR PARKING BAYS	252 CARS
	TOTAL PARKING PROPOSED IN BASEMENT	362.7 SAY 363
	TOTAL NO. OF CARS PARKING PROPOSED - 216 + 72 + 616	904 NOS.
12	GREEN AREA CALCULATION	
	PLOT AREA	20620.93 SQM
	PROPOSED TOTAL GROUND COVERAGE @ 25.0% (INCL. FUTURE EXP.)	5156.739 SQM
	GROUND COVERAGE OF SWIMMING POOL	1089.9 SQM
	TOTAL PERMISSIBLE F.A.R @ 3.5	72173.35 SQM
	PERMISSIBLE GREEN AREA @ 50% OPEN AREA @ PLOT AREA - (GROUND COVERAGE + WATER BODY) / 2	= 20620.93 - (5106.739 + 1089.9) / 2 = 14474.297 / 2 = 7237.14 SQM
	GROUND COVERAGE	837.711
	TOWER A	1094.055
	TOWER B	784.515
	TOWER C	784.515
	TOWER D	693.21
	TOWER E	693.21
	TOWER F	693.21
	TOWER G	693.21
	TOTAL	5106.739
	PROPOSED GREEN AREA - REFER SHEET 02 FOR DETAIL	7705.83 SQM

TOTAL ELECTRICAL LOAD CONSIDERING OVERALL DIVERSITY OF 60% - 2948 KW
 TRANSFORMER SELECTION 11/433 KV @ 0.9 PF, 85% LOADING - 2 X 1600 KVA

TREE CALCULATION
 NOS. OF TREES REQD. = 1 TREE PER 100 SQM OF OPEN AREA
 = 14474.297 / 100 = 144.74 SAY 150
 EVERGREEN TREES REQD. = 150 @ 75 NOS.
 ORNAMENTAL TREES REQD. = 75 NOS.
 EVERGREEN TREES PROPOSED = 75 NOS.
 ORNAMENTAL TREES PROPOSED = 75 NOS.



SNO.	PARTICULARS	SQM./NOS.
1	TOTAL PLOT AREA	20620.93 SQM
2	PERMISSIBLE F.A.R FOR HOUSING @ 3.5	72173.35 SQM
3	PERMISSIBLE 15% F.A.R. FOR FACILITY OF TOTAL MAIN F.A.R. AREA	10825.98 SQM
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	TOWER G	693.21
	TOTAL	5106.739
	PROPOSED GREEN AREA - REFER SHEET 02 FOR DETAIL	7705.83 SQM

AREA STATEMENT		TOWER A - (S/G+14)	TOWER B - (S/G+19)	TOWER C - (S/G+19)	TOWER D - (S/G+14)	TOWER E - (S/G+19)	TOWER F - (S/G+14)	TOWER G - (S/G+19)
S.NO.	FLOORS	F.A.R.	NO. OF DWELLING UNITS	NO. OF DWELLING UNITS	NO. OF DWELLING UNITS	NO. OF DWELLING UNITS	NO. OF DWELLING UNITS	NO. OF DWELLING UNITS
1	F.A.R. AREA ON GROUND FL	568.546	0	18	0	18	0	18
2	F.A.R. AREA ON 1ST FL	568.546	13.5	36	18	36	13.5	36
3	F.A.R. AREA ON 2ND FL	568.546	27	72	36	72	36	72
4	F.A.R. AREA ON 3RD FL	568.546	27	72	36	72	36	72
5	F.A.R. AREA ON 4TH FL	568.546	27	72	36	72	36	72
6	F.A.R. AREA ON 5TH FL	568.546	27	72	36	72	36	72
7	F.A.R. AREA ON 6TH FL	568.546	27	72	36	72	36	72
8	F.A.R. AREA ON 7TH FL	568.546	27	72	36	72	36	72
9	F.A.R. AREA ON 8TH FL	568.546	27	72	36	72	36	72
10	F.A.R. AREA ON 9TH FL	568.546	27	72	36	72	36	72
11	F.A.R. AREA ON 10TH FL	568.546	27	72	36	72	36	72
12	F.A.R. AREA ON 11TH FL	568.546	27	72	36	72	36	72
13	F.A.R. AREA ON 12TH FL	568.546	27	72	36	72	36	72
14	F.A.R. AREA ON 13TH FL	568.546	27	72	36	72	36	72
15	F.A.R. AREA ON 14TH FL	568.546	27	72	36	72	36	72
16	F.A.R. AREA ON 15TH FL	568.546	27	72	36	72	36	72
17	F.A.R. AREA ON 16TH FL	568.546	27	72	36	72	36	72
18	F.A.R. AREA ON 17TH FL	568.546	27	72	36	72	36	72
19	F.A.R. AREA ON 18TH FL	568.546	27	72	36	72	36	72
20	F.A.R. AREA ON 19TH FL	568.546	27	72	36	72	36	72
TOTAL		10550.950	81	365	1784.308	156	702	1704.735
TOTAL F.A.R								

GROUP HOUSING PROJECT FOR AARITY INFRASTRUCTURE PVT. LTD. AT PLOT NO. 3B, SEC. IIC, GREATER NOIDA.

CLIENT: AARITY INFRASTRUCTURE PVT. LTD.

SHEET TITLE: SITE PLAN & AREA DETAILS

CONSULT/ARCHITECT: DES ARC

ARCHITECT: NISHANT SHEKHAR

ARCHITECTS, INTERIORS, PLANNING: DES ARC

411 EXPANSION APARTMENT PROJECT - IV, VIBHANA, PHASE - II, SECTOR - 10, GATEWAY 2, GATEWAY 3, GATEWAY 4, GATEWAY 5, GATEWAY 6, GATEWAY 7, GATEWAY 8, GATEWAY 9, GATEWAY 10, GATEWAY 11, GATEWAY 12, GATEWAY 13, GATEWAY 14, GATEWAY 15, GATEWAY 16, GATEWAY 17, GATEWAY 18, GATEWAY 19, GATEWAY 20, GATEWAY 21, GATEWAY 22, GATEWAY 23, GATEWAY 24, GATEWAY 25, GATEWAY 26, GATEWAY 27, GATEWAY 28, GATEWAY 29, GATEWAY 30, GATEWAY 31, GATEWAY 32, GATEWAY 33, GATEWAY 34, GATEWAY 35, GATEWAY 36, GATEWAY 37, GATEWAY 38, GATEWAY 39, GATEWAY 40, GATEWAY 41, GATEWAY 42, GATEWAY 43, GATEWAY 44, GATEWAY 45, GATEWAY 46, GATEWAY 47, GATEWAY 48, GATEWAY 49, GATEWAY 50, GATEWAY 51, GATEWAY 52, GATEWAY 53, GATEWAY 54, GATEWAY 55, GATEWAY 56, GATEWAY 57, GATEWAY 58, GATEWAY 59, GATEWAY 60, GATEWAY 61, GATEWAY 62, GATEWAY 63, GATEWAY 64, GATEWAY 65, GATEWAY 66, GATEWAY 67, GATEWAY 68, GATEWAY 69, GATEWAY 70, GATEWAY 71, GATEWAY 72, GATEWAY 73, GATEWAY 74, GATEWAY 75, GATEWAY 76, GATEWAY 77, GATEWAY 78, GATEWAY 79, 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