

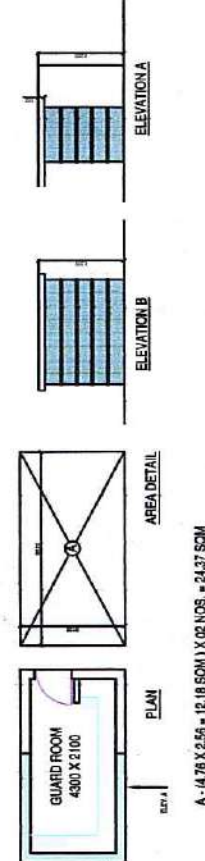
APPROVED
Valid upto Date 08/10/2014
Nishant
(Pkg. & Arch.)
Drawing Checked & Verified by
Nishant
(Pkg. & Arch.)

AREA STATEMENT		
S.NO.	PARTICULARS	SQM./ NOS.
1.	TOTAL PLOT AREA	20620.93 SQM
2.	PERMISSIBLE F.A.R. FOR HOUSING @ 3.5	72173.25 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 @ 3.499 A: F.A.R. ACHIEVED FOR RESIDENTIAL (as per table) B: F.A.R. ACHIEVED FOR COMMERCIAL (as per table)	72169.818 SQM 71446.08 SQM 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)	3765.135 SQM
10.	DENSITY CALCULATION	
	TOTAL POPULATION PROPOSED @ 3.5 FAR	2984.5 PERSONS
I) PERMISSIBLE		
	PPH	1650
	Persons	3402.45
	Unit	756.1 sqm / 756 units
II) PROPOSED		
	PPH	1650
	Persons	2339
	Unit	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	4927.579 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	405.97
	STILT AREA OF TOWER C	381.493
	STILT AREA OF TOWER D	317.54
	STILT AREA OF TOWER E	255.099
	STILT AREA OF TOWER F	418.619
		2153.342
	PROPOSED PARKING - BASEMENT AREA	
	AREA REQD. FOR ONE CAR PARK	35 SQM
	AREA AVAILABLE FOR BASEMENT CAR PARKING	1265.68 SQM
	PROPOSED NO. OF CAR PARKS IN BASEMENT (SINGLE LAYER)	362 CARS
	MECHANICAL PARKING IN 25% CAR PARKING BAYS	254 CARS
	TOTAL PARKING PROPOSED IN BASEMENT	362 + 254 = 616
	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	1059.9 SQM
	TOTAL PERMISSIBLE F.A.R. @ 3.5	72173.25 SQM
	PERMISSIBLE GREEN AREA @ 50% OPEN AREA i.e. PLOT AREA - (GROUND COVERAGE + WATER BODY) / 2	= 20620.93 - (5156.739 + 1059.9) / 2 = 14474.287 / 2 = 7237.14 SQM
	GROUND COVERAGE	
	TOWER A	837.711
	TOWER B	1024.055
	TOWER C	1024.105
	TOWER D	738.451
	TOWER E	633.21
	TOWER F	633.21
	TOTAL	5106.733
	PROPOSED GREEN AREA - REFER SHEET 02 FOR DETAIL	7705.85 SQM

TOTAL ELECTRICAL LOAD CONSIDERING OVERALL DIVERSITY OF 80% - 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
= 14474.287 / 100 = 144.74 SAY 150
EVERGREEN TREES REQD. = 150/2 = 75 NOS.
ORNAMENTAL TREES REQD. = 75 NOS.
EVERGREEN TREES PROPOSED = 75 NOS.
ORNAMENTAL TREES PROPOSED = 75 NOS.



AREA STATEMENT

AREA TABLE OF F.A.R.		
S. NO.	FLOORS	F.A.R.
1.	F.A.R. AREA ON GROUND FL.	20620.93
2.	F.A.R. AREA ON 1ST FL.	72173.25
3.	F.A.R. AREA ON 2ND FL.	72173.25
4.	F.A.R. AREA ON 3RD FL.	72173.25
5.	F.A.R. AREA ON 4TH FL.	72173.25
6.	F.A.R. AREA ON 5TH FL.	72173.25
7.	F.A.R. AREA ON 6TH FL.	72173.25
8.	F.A.R. AREA ON 7TH FL.	72173.25
9.	F.A.R. AREA ON 8TH FL.	72173.25
10.	F.A.R. AREA ON 9TH FL.	72173.25
11.	F.A.R. AREA ON 10TH FL.	72173.25
12.	F.A.R. AREA ON 11TH FL.	72173.25
13.	F.A.R. AREA ON 12TH FL.	72173.25
14.	F.A.R. AREA ON 13TH FL.	72173.25
15.	F.A.R. AREA ON 14TH FL.	72173.25
16.	F.A.R. AREA ON 15TH FL.	72173.25
17.	F.A.R. AREA ON 16TH FL.	72173.25
18.	F.A.R. AREA ON 17TH FL.	72173.25
19.	F.A.R. AREA ON 18TH FL.	72173.25
20.	F.A.R. AREA ON 19TH FL.	72173.25
	TOTAL	10550.550
	TOTAL F.A.R.	77166.616

PLOT NO. 3



LEGEND

F.A.R. AREA	15% ADDITIONAL F.A.R.	GREEN AREA	BALCONY
GROUP HOUSING PROJECT FOR AARITY INFRASTRUCTURE PVT. LTD. AT PLOT NO. 3B, SEC. 16C, GREATER NOIDA.			
CLIENT: AARITY INFRASTRUCTURE PVT. LTD.			
SHEET TITLE: SITE PLAN & AREA DETAILS			
CONCEPT ARCHITECT: DES ARC			
ARCHITECT: DES ARC			
ARCHITECTS INTERIORS PLANNING: 411 EXPRESS APARTMENT SECTOR - IV, VIBHANA, PHASE - 02, 608011, GATEWAY 173			
ARCHITECTS SIGNATURE: NISHANT SHEKHAR			
CA/2006/39203			
CHECKED BY: DIRECTOR			
SCALE: 1:500			
DATE: 24.04.2014			
REVISION: 1			
Dwg. No. 01			