

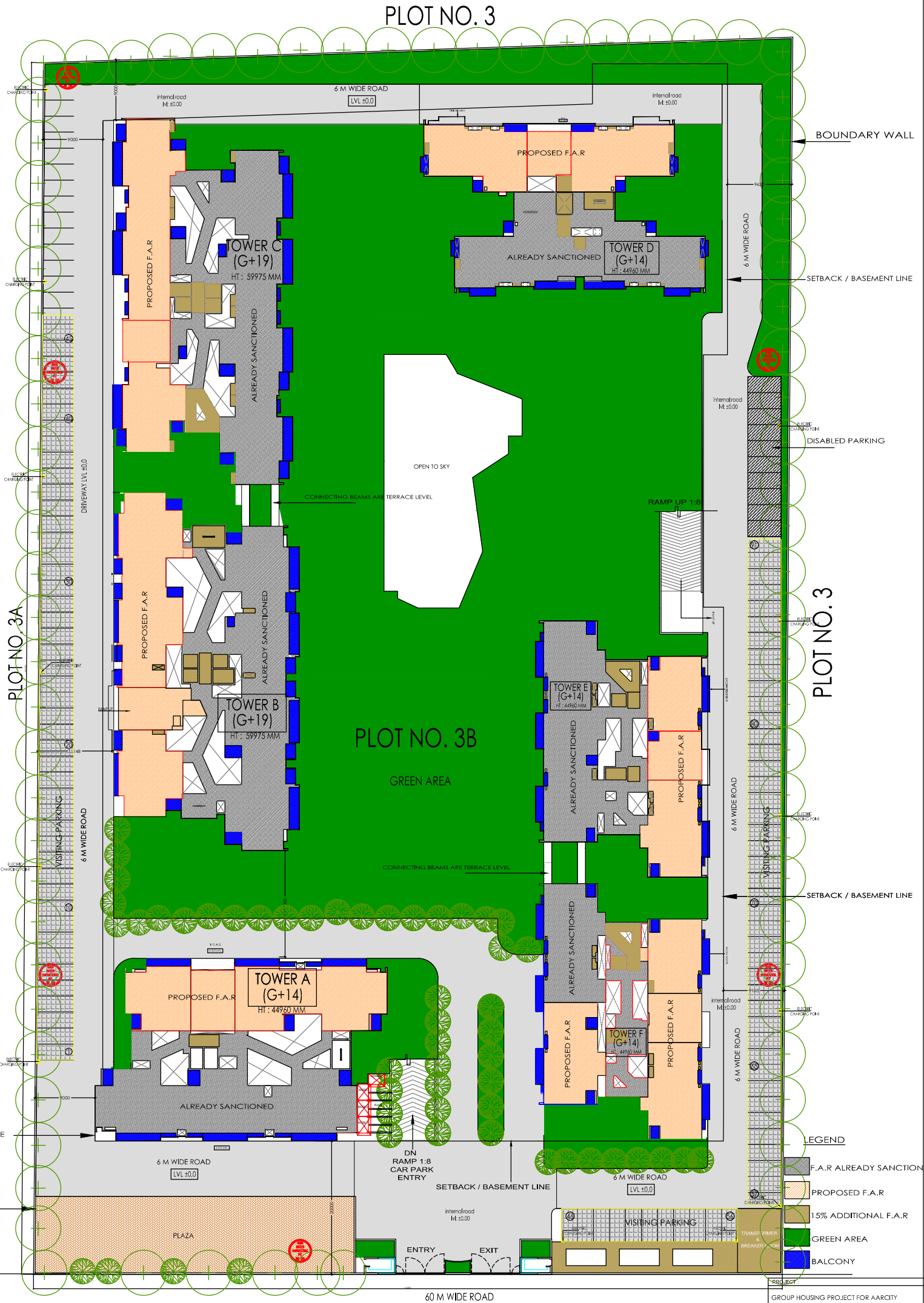
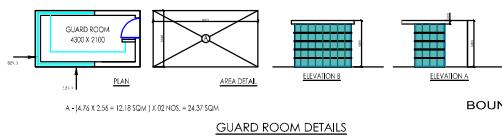
PLOT NO. 3

AREA STATEMENT		
SNO.	PARTICULARS	SQM./NOS.
1	TOTAL PLOT AREA	20620.93 SQM
A	PERMISSIBLE F.A.R FOR HOUSING = 20620.93 X 3.5	72173.25 SQM
B	ADDITIONAL F.A.R FOR GREEN BUILDING = 5% OF PERMISSIBLE F.A.R = 5% OF 72173.25 = 3608.662 SQM	
	TOTAL PERMISSIBLE F.A.R. = A + B = 72173.25 SQM. + 3608.662 SQM. = 75781.912 SQM.	75781.912 SQM.
2	PERMISSIBLE 15% F.A.R. FOR FACILITY OF TOTAL MAIN	10625.96 SQM
3	PERMISSIBLE GROUND COVERAGE @ 35%	7217.32 SQM
4	GROUND COVERAGE AS/SANCTION @ 24.78%	5106.733 SQM
5	PERMISSIBLE AREA IN F.A.R. FOR COMMERCIAL 1.00% OF TOTAL F.A.R. AREA i.e 3.5	721.73 SQM
6	F.A.R. ALREADY SANCTION @ 3.49	72169.816 SQM
	A. F.A.R. ALREADY SANCTIONED RESIDENTIAL [as per table]	71448.06 SQM
	B. F.A.R. PROPOSED FOR RESIDENTIAL UNDER GREEN FAR	7541.816 SQM
	C. F.A.R. SANCTIONED FOR COMMERCIAL [as per table]	721.73 SQM
	TOTAL F.A.R.	74711.634 SQM.
7	TOTAL BASEMENT AREA	14613.48 SQM
	i) sanctioned basement Area	13705.58 SQM.
	ii) Proposed basement Area	907.9 SQM.
8	ADDITIONAL FACILITY F.A.R. PROPOSED (NOT MORE THAN 15% OF MAIN F.A.R. AREA)	3765.135 SQM
9	DENSITY CALCULATION	
	TOTAL POPULATION	3015 PERSONS
i)	Permissible	
	PPH	1650
	Persons	3402.45
	Unit	756.1 say 756 units
ii)	Already Sanctioned	
	PPH	1650
	Persons	2930
	Unit	624 units
iii)	Proposed	
	Persons	76
	Unit	16 units
10	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	4327.575 SQM
	PROPOSED NO. OF CAR PARKS IN OPEN	216.37 SAY 216 CARS
	PROPOSED PARKING - BASEMENT AREA	
	AREA REQD. FOR ONE CAR PARK	35 SQM
	AREA AVAILABLE FOR BASEMENT CAR PARKING	13573.576 SQM
	PROPOSED NO. OF CAR PARKS IN BASEMENT (SINGLE LAYER)	387.81 CARS
	MECHANICAL PARKING IN 25% CAR PARKING BAYS	325 CARS
	TOTAL PARKING PROPOSED IN BASEMENT	358 + 325 = 713
	TOTAL NO. OF CARS PARKING PROPOSED - 216 + 713	929 NOS.
11	GREEN AREA CALCULATION	
	PLOT AREA	20620.93 SQM
	PROPOSED TOTAL GROUND COVERAGE @ 25.0% (INCL. FUTURE EXP.)	5156.729 SQM
	GROUND COVERAGE OF SWIMMING POOL	1039.5 SQM
	TOTAL PERMISSIBLE F.A.R	75781.912 SQM
	PERMISSIBLE GREEN AREA @ 50% OPEN AREA i.e PLOT AREA - (GROUND COVERAGE + WATER BODY)/2	= 20620.93 - (5106.733 + 1039.9) / 2 = 14474.297 / 2 = 7237.14 SQM
	GROUND COVERAGE	
	TOWER A	637.211
	TOWER B	1094.035
	TOWER C	1050.116
	TOWER D	736.451
	TOWER E	693.21
	TOWER F	693.21
	TOTAL	5106.733
	PROPOSED GREEN AREA - REFERSHEET 02 FOR DETAIL	7703.82 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. = 150/2 = 75 NOS.
ORNAMENTAL TREES REQD. = 75 NOS.
EVERGREEN TREES PROPOSED = 75 NOS. HT : 44960 MM
ORNAMENTAL TREES PROPOSED = 75 NOS.



AREA STATEMENT												
AREAS TABLE OF F.A.R			TOWER A - (G + 13)		TOWER B - (G + 13)		TOWER C - (G + 13)		TOWER D - (G + 13)		TOWER E - (G + 14)	
SNO.	FLOORS		F.A.R. AREA (SQM)	NEL OF DWELLING UNITS	POPULATION @ 45 PERSON PER DU	F.A.R. AREA (SQM)	NEL OF DWELLING UNITS	POPULATION @ 45 PERSON PER DU	F.A.R. AREA (SQM)	NEL OF DWELLING UNITS	POPULATION @ 45 PERSON PER DU	POPULATION @ 2.25 PERSON PER DU
1	F.A.R. AREA ON GROUND FL	PROPOSED	380.943	5	135	480.728	8	135	520.248	2	9	4.5
2	F.A.R. AREA ON 1st FL	ALREADY SANCTIONED	368.046	-	-	530.272	4	18	514.247	4	18	4.5
3	F.A.R. AREA ON 2nd FL	ALREADY SANCTIONED	725.377	6	27	937.651	8	36	874.862	4	18	9
4	F.A.R. AREA ON 3rd FL	ALREADY SANCTIONED	725.377	6	27	937.651	8	36	874.862	4	18	9
5	F.A.R. AREA ON 4th FL	ALREADY SANCTIONED	725.377	6	27	937.651	8	36	874.862	4	18	9
6	F.A.R. AREA ON 5th FL	ALREADY SANCTIONED	725.377	6	27	937.651	8	36	874.862	4	18	9
7	F.A.R. AREA ON 6th FL	ALREADY SANCTIONED	725.377	6	27	937.651	8	36	874.862	4	18	9
8	F.A.R. AREA ON 7th FL	ALREADY SANCTIONED	725.377	6	27	937.651	8	36	874.862	4	18	9
9	F.A.R. AREA ON 8th FL	ALREADY SANCTIONED	725.377	6	27	937.651	8	36	874.862	4	18	9
10	F.A.R. AREA ON 9th FL	ALREADY SANCTIONED	725.377	6	27	937.651	8	36	874.862	4	18	9
11	F.A.R. AREA ON 10th FL	ALREADY SANCTIONED	725.377	6	27	937.651	8	36	874.862	4	18	9
12	F.A.R. AREA ON 11th FL	ALREADY SANCTIONED	725.377	6	27	937.651	8	36	874.862	4	18	9
13	F.A.R. AREA ON 12th FL	ALREADY SANCTIONED	725.377	6	27	937.651	8	36	874.862	4	18	9
14	F.A.R. AREA ON 13th FL	ALREADY SANCTIONED	725.377	6	27	937.651	8	36	874.862	4	18	9
15	F.A.R. AREA ON 14th FL	ALREADY SANCTIONED	725.377	6	27	937.651	8	36	874.862	4	18	9
16	F.A.R. AREA ON 15th FL	ALREADY SANCTIONED	725.377	6	27	937.651	8	36	874.862	4	18	9
17	F.A.R. AREA ON 16th FL	ALREADY SANCTIONED	725.377	6	27	937.651	8	36	874.862	4	18	9
18	F.A.R. AREA ON 17th FL	ALREADY SANCTIONED	725.377	6	27	937.651	8	36	874.862	4	18	9
19	F.A.R. AREA ON 18th FL	ALREADY SANCTIONED	725.377	6	27	937.651	8	36	874.862	4	18	9
20	F.A.R. AREA ON 19th FL	ALREADY SANCTIONED	725.377	6	27	937.651	8	36	874.862	4	18	9
21	F.A.R. AREA ON PERGOLA LVL	PROPOSED	90.902	-	-	145.757	-	-	126.75	-	-	-
	TOTAL		10998.395	68	378	18380.83	159	715.5	17502.142	159	715.5	175
	ALREADY SANCTION F.A.R	3.49	72169.816									
	PROPOSED F.A.R		7541.816									
	GRAND TOTAL		74711.634									

GROUP HOUSING PROJECT FOR AARCITY INFRASTRUCTURE PVT. LTD. AT PLOT NO. 3B, SEC. 16C, GREATER NODA

CLIENT : AARCITY INFRASTRUCTURE PVT. LTD.

SHEET TITLE : SITE PLAN & AREA DETAILS

CONCEPT ARCHITECT : ARCHITECT HAFEEZ CONTRACTOR

ARCHITECT : DES ARC

ARCHITECTS, INTERIORS, PLANNING

411, EXPRESS APARTMENT, SECTOR - 16, VASHTI, GHAZIABAD - 201010, U.P., INDIA

PH: 0120-6586615 M: 04818711273

EMAIL: desarcnoid@gmail.com

ARCHITECT'S SIGNATURE :

OWNER'S SIGNATURE :

NORTH

APPROVED BY : CHECKED BY :

SCALE : 1:200 DATE : 03.08.2018

DRG. NO. : REVISION : R-0