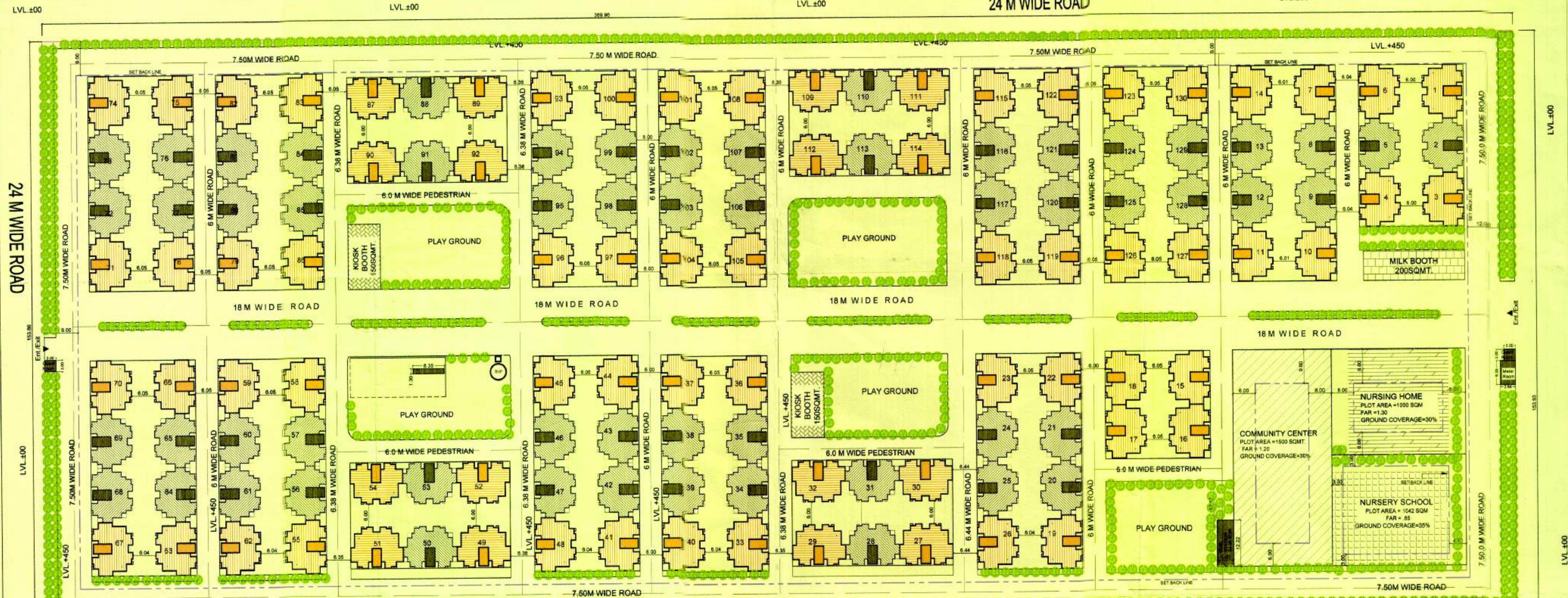




SUBMISSION DRAWING

LEGEND

S.No.	SYMBOL	DESCRIPTION
01	---	BOUNDARY WALL
02	---	SETBACK LINE
03	---	RESIDENTIAL UNITS - TYPE-A (CENTRAL BLOCKS)
04	---	RESIDENTIAL UNITS - TYPE-B (CORNER BLOCKS)
	---	LANDSCAPE (L)

S.N.	REVISION	DATE
1		
2		
3		

PROJECT:

PROPOSED GROUP HOUSING SCHEME UNDER INFORMAL CATEGORY IN SECTOR - 10 & 12, GREATER NOIDA.

JOB TITLE:

INFORMAL HOUSING

DRG. TITLE:

SITE LAYOUT PLAN

SCALE	DATE	DRG. NO.
1:500	26-04-2017	SP-01

CONSULTING ARCHITECTS:

ARCH-EN DESIGN
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1ST FLOOR, PLOT NO. 10/12, SECTOR-10/12, GREATER NOIDA

APPROVED BY: [Signature]
DATE: 26-04-2017

GREATER NOIDA INDUSTRIAL DEVELOPMENT AUTHORITY

CHART-1
PROPOSED GROUP HOUSING SCHEME UNDER INFORMAL CATEGORY IN SECTOR - 10 & 12, GREATER NOIDA

TOTAL PLOT AREA (SQ.MT.)	60000
TOTAL PERMISSIBLE GROUND COVERAGE (40%) (IN SQ.M)	24000
TOTAL PERMISSIBLE FAR AREA (FAR=2) IN SQ.M	120000

S. NO.	NAME	PLOT AREA (IN SQ.M)	PERM. GR. COVERAGE (%)	PERM. GROUND COVERAGE (IN SQ.M)	PERM. F.A.R. (%)	PERM. F.A.R. (IN SQ.M)	PERM. HEIGHT (IN SQ.M)	REMARKS
1	INFORMAL HOUSING	56258	40	22503.2	200	112516	18	

NOTE: TOTAL PLOT AREA OF INFORMAL HOUSING + TOTAL PLOT AREA - FACILITIES AREA

2	NURSERY SCHOOL	1042	30	312.6	0.85	885.7	15	
3	NURSING HOME	1000	30	300	1.3	1300	15	
4	MILK BOOTH	200	30	60	0.85	170	12	
5	COMMUNITY HALL	1500	30	450	1.2	1800	15	
6	GRAND TOTAL (INCLUDING FACILITIES)	3742		1174.7		4186.7		

CHART-2
FAR CALCULATIONS FOR EACH TOWER (TYPE-A) CENTRAL BLOCKS
TOTAL NO OF TYPE -A BLOCKS = 58 NOS (Refer Site Layout)

S. NO.	FLOOR	PROPOSED COVERED AREA OF SINGLE BLOCK (SQ.M)	ADD FAR FOR MUMTY (ANY)	IF	TOTAL NO'S OF CENTRAL TOWERS	PROPOSED COVERED AREA OF ALL BLOCKS (SQ.M)	TOTAL
1	GROUND FLOOR	123.02 (As per drawing)	0		58	7135.16	
2	FIRST FLOOR	123.02 (As per drawing)	0		58	7135.16	
3	SECOND FLOOR	123.02 (As per drawing)	0		58	7135.16	
4	THIRD FLOOR	123.02 (As per drawing)	0		58	7135.16	
5	MUMTY		11.87		58	676.86	
6	FIRE TANK		11.87		58	676.86	
	TOTAL	493.08	23.74		86	15964.38	

CHART-3
FAR CALCULATIONS FOR EACH TOWER (TYPE-B) CORNER BLOCKS
TOTAL NO OF TYPE -B BLOCKS = 72 NOS (Refer Site Layout)

S. NO.	FLOOR	PROPOSED COVERED AREA OF SINGLE BLOCK (SQ.M)	ADD FAR FOR MUMTY (ANY)	IF	TOTAL NO'S OF CORNER TOWERS	PROPOSED COVERED AREA OF ALL BLOCKS (SQ.M)	TOTAL
1	GROUND FLOOR	123.46 (As per drawing)	0		72	8688.12	
2	FIRST FLOOR	123.46 (As per drawing)	0		72	8688.12	
3	SECOND FLOOR	123.46 (As per drawing)	0		72	8688.12	
4	THIRD FLOOR	123.46 (As per drawing)	0		72	8688.12	
5	MUMTY		11.87		72	840.24	
6	FIRE TANK		11.87		72	840.24	
	TOTAL	493.84	11.87		72	17733.88	

CHART-4
FAR CALCULATION FOR ANCILLARY FACILITIES FOR INFORMAL HOUSING

S.NO.	NAME	PROPOSED GROUND COVERAGE AREA OF SINGLE BLOCK (SQ.M)	PROPOSED FAR	NO OF BLOCKS	TOTAL FAR CALCULATION/ARE (A/SQ.M)
1	GUARD ROOM	8x2=16	0	2	16
2	SUBSTATION BUILDING	54.38	54.38	1	54.38
3	UGR-MUMTY ROOM	10.85	10.85	1	10.85
4	KIOSK BOOTH	150x2=300	150	2	300
5	METERING ROOM	25	25	1	25
	GRAND TOTAL	408.23			408.23

Total Built-Up Area of Affordable Housing (FAR OF TYPE-A BLOCKS + FAR OF TYPE-B BLOCKS + FAR AREA OF ANCILLARY FACILITIES) = 67539.56

CHART-4
GROUND COVERAGE CALCULATIONS FOR HOUSING

S.NO.	BLOCK -TYPE	AREA AT GROUND FLOOR FOR EACH BLOCK (IN SQ.M)	NO. OF BLOCKS	TOTAL GROUND COVERAGE (IN SQ.M)
1	CENTRAL BLOCKS - TYPE-A	123.02	58	7135.16
2	CORNER BLOCKS - TYPE-B	123.46	72	8889.12
3	GROUND COVERAGE FOR ANCILLARY FACILITIES			408.23
	TOTAL GROUND COVERAGE (IN SQ.M)			16432.51

CHART-5
FAR AND GROUND COVERAGE COMPARATIVE STATEMENT (PERMISSIBLE VS ACHIEVED)

S.NO.	NAME	PERMISSIBLE FAR (IN SQ.M)	ACHIEVED FAR (IN SQ.M)	PERMISSIBLE GROUND COVERAGE (IN SQ.M)	ACHIEVED GROUND COVERAGE (IN SQ.M)
1	GROUP HOUSING	112516	67539.56	22503.2	16432.51
2	NURSERY SCHOOL	885.7	312.6	312.6	312.6
3	NURSING HOME	1300	1300	300	300
4	MILK BOOTH	170	170	60	60
5	COMMUNITY HALL	1800	1800	450	450
	GRAND TOTAL (IN SQ.M)	116671.7	71996.26	23877.8	17607.21
	GRAND TOTAL (%)	39%	118.48	40% OF Plot area	29.38% OF Plot Area

NOTE: FAR and Ground Coverage for Proposed Facilities Buildings considered as Minimum

CHART-7
GREEN AREA CALCULATION

S.NO.	NAME	AREA (IN SQ.M)
1	TOTAL GREEN REQUIRED	12/TOTAL PLOT AREA TOTAL GROUND COVERAGE) OR 50% OF TOTAL OPEN SPACE
2	TOTAL PLOT AREA	60000
3	TOTAL GROUND COVERAGE ACHIEVED	16432.51
4	TOTAL OPEN SPACE FOR HOUSING	39567.49
5	GREEN AREA PROPOSED	19922.54
6	TOTAL NO'S OF TREES REQUIRED	433.9279
7	TOTAL NO'S OF TREES SHOWN IN DRAWING	812
	TOTAL GREEN AREA (IN %) FOR HOUSING WITH RESPECT TO TOTAL OPEN SPACES	50.02

CHART-8
PARKING AREA CALCULATION

NO OF ECS REQUIRED AS RECOMMENDED BY GNDA	129 NOS.
Site Parking Area/Block	30.23 SQ.M
Site Parking Area/Block (No of Block=130)	3929.9
Total Proposed Parking/ECS (Considering 30sq.m/ECS)	130.00
SAY	130 ECS

CHART-9
POPULATION CALCULATION

TOTAL NO OF BLOCKS	130
DWELLING UNIT/BLOCK	15
TOTAL NO OF DWELLING UNITS	1950
TOTAL POPULATION (CONSIDERING 2.5 PRSD/DWELLING UNIT)	4875
TOTAL PLOT AREA OF HOUSING	56258
POPULATION/HECTARE	867
POPULATION DENSITY	867

CHART-10
DETAIL AREA CHART UNDER INFORMAL AREA

S.NO.	PARTICULARS	PERMISSIBLE	PROPOSED
1	PLOT AREA FOR INFORMAL	56258	56258
2	GROUND COV. @ 40 %	22503.2	16432.51
3	1st FLOOR COV.	16024.28	0
4	2nd FLOOR COV.	16024.28	0
5	3rd FLOOR COV.	16024.28	0
6	MUMTY/FIRE TANK	0	3034.2
7	NET PROPOSED AREA (IN SQ.M)	64505.35	3034.2
	TOTAL AREA UNDER GR COV. (40%)	22503.2	16432.51
	TOTAL AREA UNDER FAR (200%)	112516	64505.35
	TOTAL AREA UNDER ADD. FAR OF PERM.	16877.4	3034.2
	TOTAL COVERAGE AT ALL FLOORS		67539.56

