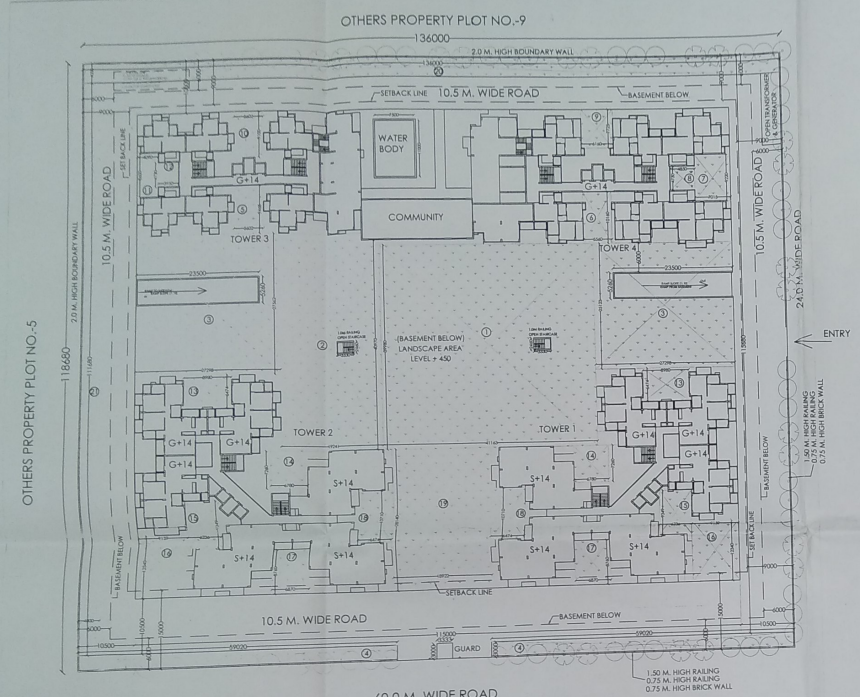


10% EXTRA F.A.R ACHIEVED:-

PERMISSIBLE 10% FAR FOR UTILITIES = 10% OF 34210.72 = 3421.608 SQM.

FLOORS	TOWER 1	TOWER 2	TOWER 3	TOWER 4	GUARD	S.T.P.	TOTAL
GROUND	49.456	49.456	52.580	54.339	10.00	49.20	265.039
FIRST	46.868	46.868	39.668	41.419	-	-	174.823
SECOND	46.868	46.868	43.236	46.981	-	-	183.755
THIRD	46.868	46.868	43.236	46.981	-	-	183.755
FOURTH	46.868	46.868	43.236	46.981	-	-	183.755
FIFTH	46.868	46.868	43.236	46.981	-	-	183.755
SIXTH	46.868	46.868	43.236	46.981	-	-	183.755
SEVENTH	46.868	46.868	43.236	46.981	-	-	183.755
EIGHT	46.868	46.868	43.236	46.981	-	-	183.755
NINTH	46.868	46.868	43.236	46.981	-	-	183.755
TENTH	46.868	46.868	43.238	46.981	-	-	183.755
ELEVENTH	46.868	46.868	43.238	46.981	-	-	183.755
TWELVETH	46.868	46.868	43.236	46.981	-	-	183.755
THIRTEEN	46.868	46.868	43.236	46.981	-	-	183.755
FOURTEEN	46.868	46.868	43.238	46.981	-	-	183.755
MUMTI	41.831	41.831	47.678	48.959	-	-	180.299
MACHINE RM.	32.121	32.121	32.121	32.121	-	-	128.484
WATER TANK	38.758	38.758	34.749	38.338	-	-	150.593
TOTAL	818.318	818.318	766.298	825.919	10.00	49.20	3288.053

DENSITY ACHIEVED:-

FLOORS	TOWER 1		TOWER 2		TOWER 3		TOWER 4		TOTAL
	A	B	A	B	D	E	C	D	
GROUND	0	3	0	3	0	6	2	4	18
FIRST	3	3	3	3	0	6	2	4	24
SECOND	3	3	3	3	2	6	4	4	28
THIRD	3	3	3	3	2	6	4	4	28
FOURTH	3	3	3	3	2	6	4	4	28
FIFTH	3	3	3	3	2	6	4	4	28
SIXTH	3	3	3	3	2	6	4	4	28
SEVENTH	3	3	3	3	2	6	4	4	28
EIGHTH	3	3	3	3	2	6	4	4	28
NINTH	3	3	3	3	2	6	4	4	28
TENTH	3	3	3	3	2	6	4	4	28
ELEVENTH	3	3	3	3	2	6	4	4	28
TWELVETH	3	3	3	3	2	6	4	4	28
THIRTHEEN	3	3	3	3	2	6	4	4	28
FOURTEEN	3	3	3	3	2	6	4	4	28
TOTAL	42	45	42	45	26	90	56	60	406

DENSITY ACHIEVED:-

TYPE-A = 84 UNITS

TYPE-B = 90 UNITS

TYPE-C = 56 UNITS

TYPE-D = 86 UNITS

TYPE-E = 90 UNITS

TOTAL = 406 UNITS

DW. UNITS PERMISSIBLE = 140 DU PER HECTARE ±5%

= 16140.480X140 + 5%
10000

= 225.96 + 5 %

= 237 UNITS

INCREASE @ PROPORTIONATE INCREASE IN FAR

= 237+125X225
150

= 237 + 187.5

= 424

PROPOSED DW. UNITS = 406

TOTAL POPULATION = 406 X 4.5 = 1827 PERSONS

AREA CALCULATION

Total Plot Area	=	16140.480 Sqm
Permissible Gr. Coverage @ 30%	=	4842.144 Sqm
Permissible F.A.R @ 1.50	=	24210.720 Sqm
Purchasable F.A.R @ 1.25	=	20175.600 Sqm
Net FAR	=	44386.320 Sqm

Proposed Ground Coverage :

TOWER 1	TOWER 2	TOWER 3	TOWER 4	COMMU.
941.027	941.027	636.623	835.790	170.012

5634.479 SQ.M. OR 21.898 %

Greater Noida Industrial Dev. Authority
APPROVED
Vide Letter No. ..... Dated 26/6/2015
Valid upto Dated 25/6/2018
Dy. Manager (Plng. & Arch.)
Chief Manager (Plng. & Arch.)
Drawing Checked & Modified by
Dy. Dy. Chief

F.A.R ACHIEVED :-

FLOORS	TOWER 1	TOWER 2	TOWER 3	TOWER 4	COMMU.	COMM.	TOTAL
GROUND	425.734	425.734	397.361	524.502	455.210	152.570	2381.111
FIRST	881.239	881.239	397.361	524.502	448.724	-	3133.065
SECOND	881.239	881.239	526.773	695.366	-	-	2984.617
THIRD	881.239	881.239	526.773	695.366	-	-	2984.617
FOURTH	881.239	881.239	526.773	695.366	-	-	2984.617
FIFTH	881.239	881.239	526.773	695.366	-	-	2984.617
SIXTH	881.239	881.239	526.773	695.366	-	-	2984.617
SEVENTH	881.239	881.239	526.773	695.366	-	-	2984.617
EIGHTH	881.239	881.239	526.773	695.366	-	-	2984.617
NINTH	881.239	881.239	526.773	695.366	-	-	2984.617
TENTH	881.239	881.239	526.773	695.366	-	-	2984.617
ELEVENTH	881.239	881.239	526.773	695.366	-	-	2984.617
TWELVETH	881.239	881.239	526.773	695.366	-	-	2984.617
THIRTEENTH	881.239	881.239	526.773	695.366	-	-	2984.617
FOURTEENTH	881.239	881.239	526.773	695.366	-	-	2984.617
TOTAL							44314.197 SQ.M. OR 2.745

AREA OF STILTS = TYPE (AREA)-

= 4 (151.830Sq)

= **911.01 SQ.M.**

PARKING CALCULATIONS:-

EQUIVALENT CAR SPACE (E.C.S)REQUIRED

= F.A.R. AREA / 80

= 44386.32 / 80 = **554.829 E.C.S.**

MECHANICAL CAR PARKING SPACE PROVIDED IN BASEMENT AREA:-

11475.008 SQ.M. OR (11475.008/18) = 637 E.C.S.

CAR PARKING SPACE PROVIDED IN STILTS AREA:-

=911.01 SQ.M. OR (911.01/30) = **30.0 E.C.S.**

TOTAL CAR PARKING PROVIDED = 637 + 30 = 667 E.C.S.

LANDSCAPING CALCULATIONS:-

OPEN AREA=(PLOT AREA - (GROUND COVG.)

= (16140.48) - (3534.479)

= 12606.001 SQ.M.

GREEN AREA REQUIRED = 12606.001 / 2 = **6303.00 SQ.M.**

PROPOSED SOFT LANDSCAPED AREA :-

= [(1)+(2)+(3)+(4)+(5)+(6)+(7)+(8)+(9)+(10)+(11)+(12)+(13)(2)+(14)(2)+ (15)(2)+(16)(2)+(19)(2)+(20)+(21)-(RAMP AREA +STAIRCASE AREA)

+[(41.163X39.98)-(219.24)(140.97)+(102.298)(27.262)+(9)(27.298)(25.123)+6.09 (22X3.0)(2)+(5.6)(2)(9.468)+(60.36)(10.16)

+(7.2) (59.22)+(8.4)(54.73)+(96.1)(47.725)+(10.5.6)(29.1)+(11)(4.09)(8.6)+(12)(3.9)(44.73)

+(38.9)(46.47)(2)+(14.7)(47.26)(2)+(15.6.23)(69.34)(2)+(6.9.1.59)(12.34)(2)+(17.6.67)(8.76)(2)

+(8.6.47)(10.7)(2)+(19)(18.92)(3.18)+(20)(136.2)(4.2)+(21)(4.2)(11.68)]-[(23.3)(5.3)(2.2)+(3.33)(2.46)(2)]

+[(1)(40.69)+(2)(98.30)+(3)(52.38)+(4)(65.80)]+(4)(54.12)+(5)(53.028)+(6)(54.489)+(7)(64.678)+(8)(22.940)+(9)(47.586)+(10)(50.978)+(11)(53.174)+(12)(18.683)

+(13)(16.373)+(14)(98.443)+(15)(116.60)+(16)(226.04)+(17)(120.362)+(18)(138.673)+(19)(532.465)+(20)(544.00)+(21)(446.72) -(263.403)

+(689.5.462)-(263.403)]

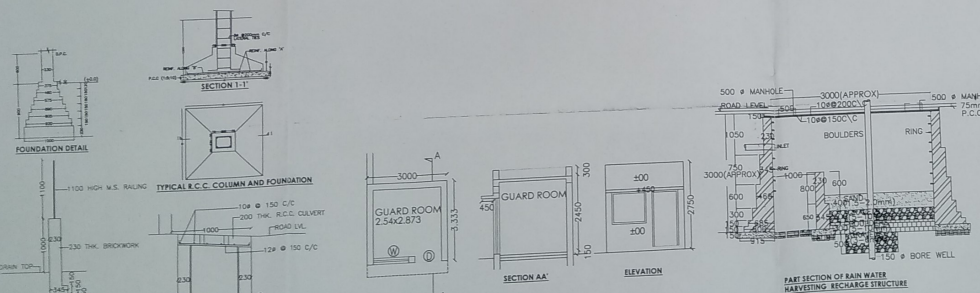
= 6651.889 SQ.M.

PERMISSIBLE NO. OF TREES = OPEN AREA / 100 TREE PER 100 SQ.M.

= 12606.001 / 100 = 126.06 TREES

PROPOSED TREES =140 NO. EVERGREEN TREES (GULMOHAR & NEEM)

TOTAL ELECTRICAL LOAD = 1973 K.W.



PROJECT:-

GROUP HOUSING FOR
GREEN VIEW-II SAHAKARI AWAS SAMITI LTD.
PLOT NO.4, CHOROSIA ESTATE, SECTOR-PI, GREATER NOIDA. (U.P.)

SIGNING AUTHORITY: SECRETARY, Green View II Sahakari Awas Samiti, Greater Noida, Gautam Buddh Nagar

ARCHITECTS SIGN: M. N. ANDLEY, B.ARCH. F.I.I.A., F.I.V., ARCHITECT CA/75/1841

REVISED SUBMISSION DRAWING

DWG. TITLE: LAYOUT PLAN

SCALE:-1:400

DLT.BY:-

DWG. NO.:- 01

DATE:-18/02/2013

NORTH

ARCHITECTS:
M. N. ANDLEY B.ARCH. F.I.I.A., F.I.V.
ANDLEYS ASSOCIATES PVT.
ARCHITECTS ENGINEERS PLANNERS
39 HOUSING SOCIETY N.D.S.E-II NEW DELHI