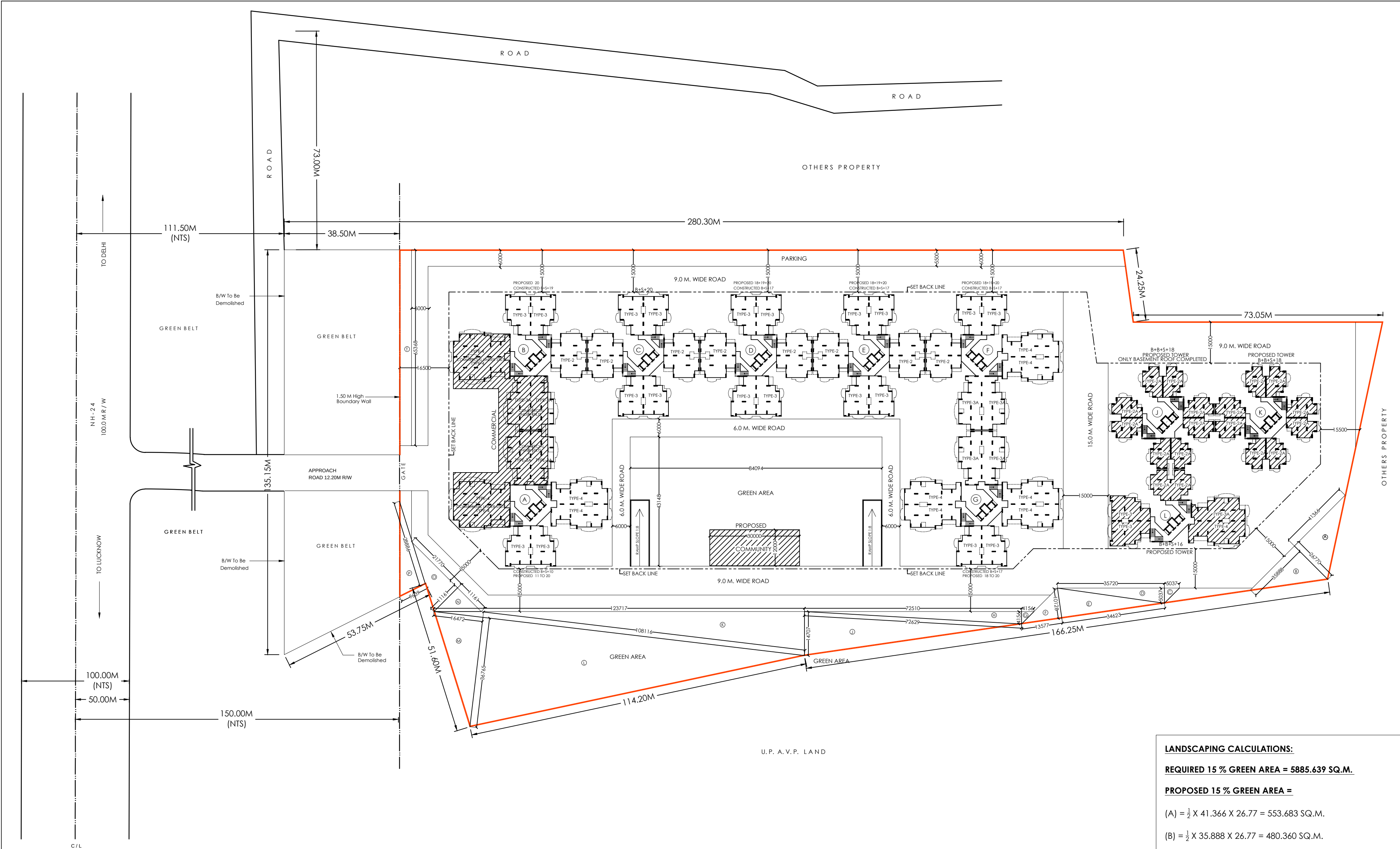




AREA CALCULATION	
Total Plot Area	= 44,069.150 Sqm
Green Belt Area	= 4,831,560 Sqm
Balance Plot Area	= 39,237,590 Sqm
Less 15% Green Area	= 5,885,639 Sqm
Net Plot Area	= 33,351,952 Sqm
Permissible Density 330+50% Dwelling Unit per Hectare = 1942 Dwelling Unit	
Proposed Density = 1504 Dwelling Unit	
Permissible Gr. Coverage @ 35%	= 11,473,183 Sqm
Permissible FAR @ 2.50+50%	= 1,25,069.82 Sqm
10% f.a.r. for compoundable	= 12,506,982 sq.m.
Additional f.a.r. e.w.s. = (194 units x 60 sq.m.)	= 11,640.0 sq.m.
Additional 5% f.a.r. for green	= 6,253.491 sq.m.
Net F.A.R. Area	= 1,55,470.293 Sqm

Proposed Ground Coverage :-														COMMERCIAL		COMMUNITY		TOTAL	
BLOCK	A	B	C	D	E	F	G	J	K	L									
	982.991	879.557	735.559	735.559	735.559	879.557	982.991	530.347	530.347	609.36	621.0					360		8585.827	SQ.M. OR 25.73 %
F.A.R. ACHIEVED :-																			
FLOORS	BLOCK	A	UNITS	B	UNITS	C	UNITS	D	UNIT	E	UNIT	F	UNIT	G	UNIT	J	UNIT	K	UNIT
GROUND	95.652	NIL	93.856	NIL	87.022	NIL	87.022	NIL	87.022	NIL	93.856	NIL	95.652	NIL	85.467	NIL	85.467	NIL	85.467
1st	971.626	08	868.192	08	724.194	08	724.194	08	724.194	08	868.192	08	971.626	08	400.454	08	400.454	08	596.44
2nd	971.626	08	868.192	08	724.194	08	724.194	08	724.194	08	868.192	08	971.626	08	400.454	08	400.454	08	596.44
3rd	971.626	08	868.192	08	724.194	08	724.194	08	724.194	08	868.192	08	971.626	08	400.454	08	400.454	08	596.44
4th	971.626	08	868.192	08	724.194	08	724.194	08	724.194	08	868.192	08	971.626	08	400.454	08	400.454	08	596.44
5th	971.626	08	868.192	08	724.194	08	724.194	08	724.194	08	868.192	08	971.626	08	400.454	08	400.454	08	596.44
6th	971.626	08	868.192	08	724.194	08	724.194	08	724.194	08	868.192	08	971.626	08	400.454	08	400.454	08	596.44
7th	971.626	08	868.192	08	724.194	08	724.194	08	724.194	08	868.192	08	971.626	08	400.454	08	400.454	08	596.44
8th	971.626	08	868.192	08	724.194	08	724.194	08	724.194	08	868.192	08	971.626	08	400.454	08	400.454	08	596.44
9th	971.626	08	868.192	08	724.194	08	724.194	08	724.194	08	868.192	08	971.626	08	400.454	08	400.454	08	596.44
10th	971.626	08	868.192	08	724.194	08	724.194	08	724.194	08	868.192	08	971.626	08	400.454	08	400.454	08	596.44
11th	971.626	08	868.192	08	724.194	08	724.194	08	724.194	08	868.192	08	971.626	08	400.454	08	400.454	08	596.44
12th	971.626	08	868.192	08	724.194	08	724.194	08	724.194	08	868.192	08	971.626	08	400.454	08	400.454	08	596.44
13th	971.626	08	868.192	08	724.194	08	724.194	08	724.194	08	868.192	08	971.626	08	400.454	08	400.454	08	596.44
14th	971.626	08	868.192	08	724.194	08	724.194	08	724.194	08	868.192	08	971.626	08	400.454	08	400.454	08	596.44
15th	971.626	08	868.192	08	724.194	08	724.194	08	724.194	08	868.192	08	971.626	08	400.454	08	400.454	08	596.44
16th	971.626	08	868.192	08	724.194	08	724.194	08	724.194	08	868.192	08	971.626	08	400.454	08	400.454	08	596.44
17th	971.626	08	868.192	08	724.194	08	724.194	08	724.194	08	868.192	08	971.626	08	400.454	08	400.454	08	596.44
18th	971.626	08	868.192	08	724.194	08	724.194	08	724.194	08	868.192	08	971.626	08	400.454	08	400.454	08	596.44
19th	971.626	08	868.192	08	724.194	08	724.194	08	724.194	08	868.192	08	971.626	08	400.454	08	400.454	08	596.44
20th	971.626	08	868.192	08	724.194	08	724.194	08	724.194	08	868.192	08	971.626	08	400.454	08	400.454	08	596.44
COMMERCIAL																			1250 .0
TOTAL																			142948.227 1504

F.A.R. TO BE CONSTRUCTED AT SITE = 97,235.372 sq.m. (SHOWN AS BLUE COLOUR)
F.A.R. TO BE LATER CONSTRUCTED AT SITE = 45,712.855 sq.m. (SHOWN AS BLACK COLOUR)
TOTAL F.A.R. = 142948.227 SQ.M.

PERMISSIBLE COMMERCIAL AREA = 1% of f.a.r.
125069.89x1/100 = 1250.698 sq.m.
PROPOSED COMMERCIAL AREA = 1250.0 SQ.M.

COVERED AREA DETAIL OF BALCONIES :-			
TYPE	COVERED AREA OF ONE UNIT	TOTAL NUMBERS OF UNITS	COVERED AREA OF ALL UNITS
2	1.979 SQ.M.	288 UNITS	569.952 SQ.M.
3	4.03 SQ.M.	342 UNITS	1378.24 SQ.M.
3A	5.542 SQ.M.	126 UNITS	698.292 SQ.M.
4	5.80 SQ.M.	180 UNITS	1044.0 SQ.M.
TOTAL			3690.504 SQ.M.

COVERED AREA DETAIL FOR BASEMENT UNDER BLOCKS (AS PER SITE CONSTRUCTION) :-									
BLOCK	A	B	C	D	E	F	G	J	TOTAL
	984.546	881.112	737.114	737.114	737.114	881.112	984.546	741.233	6683.891 SQ.M.

STILT AREA (NON F.A.R.) :							
BLOCK	A	B	C	D	E	F	TOTAL
	888.894	787.256	650.092	650.092	650.092	787.256	5302.576 SQ.M.

PARKING CALCULATIONS:-
REQUIRED (E.C.S.) FOR ALREADY COMPOUNDED FAR
i.e 36944.962 SQ.M. = 462 E.C.S.
REQUIRED (E.C.S.) FOR NEW EXISTING FAR:-
=97235.372 - 36944.962 = 60290.41 SQ.M.
= (60290.41 X 1.50)/100 = 904 E.C.S.
TOTAL NO. OF ECS REQUIRED = 462+904 = 1366 CARS
PARKING SHOWN
IN BASEMENT= (6683.891/32) = 208 E.C.S.
IN STILTS= (5302.576/28) = 189 E.C.S.
IN OPEN =673X2(MECHANICAL) = 1346 E.C.S.
TOTAL = 1743 CARS

LANDSCAPING CALCULATIONS:
REQUIRED 15 % GREEN AREA = 5885.639 SQ.M.
PROPOSED 15 % GREEN AREA =
(A) = ½ X 41.366 X 26.77 = 553.683 SQ.M.
(B) = ½ X 35.888 X 26.77 = 480.360 SQ.M.
(C) = ½ X 5.037 X 5.037 = 12.685 SQ.M.
(D) = ½ X 35.72 X 5.037 = 89.960 SQ.M.
(E) = ½ X 34.623 X 10.128 = 175.330 SQ.M.
(F) = ½ X 13.577 X 10.128 = 68.753 SQ.M.
(G) = ½ X 4.156 X 4.156 = 8.636 SQ.M.
(H) = ½ X 72.510 X 4.156 = 150.675 SQ.M.
(J) = ½ X 72.629 X 14.707 = 534.077 SQ.M.
(K) = ½ X 123.717 X 14.707 = 909.752 SQ.M.
(L) = ½ X 108.116 X 36.765 = 1987.442 SQ.M.
(M) = ½ X 16.472 X 36.765 = 302.796 SQ.M.
(N) = ½ X 11.161 X 11.161 = 62.283 SQ.M.
(O) = ½ X 11.161 X 21.77 = 121.487 SQ.M.
(P) = ½ X 9.639 X 28.886 = 139.216 SQ.M.
(R) = ½ X 4.0 X 13.517 = 27.034 SQ.M.
(T) = 4.0 X 65.368 = 261.472 SQ.M.
TOTAL = 5885.641 SQ.M.

LANDSCAPING CALCULATIONS:
NET PLOT AREA = 39,237.590 SQ.M.
LANDSCAPED AREA PROVIDED :-
= 99.324 X 50.648 = 5030.561 SQ.M.
PERMISSIBLE NO. OF TREES
= PLOT AREA \ 50 TREE PER 10000 SQ.M.
= (39,237.59 X50 TREES) \ 10000 = 196 TREES
PROPOSED TREES = 196 NUMBER OF TREES (GULMOHAR)

PROJECT:-	SIGNING AUTHORITY	ARCHITECTS SIGN	COMPOUNDING DRAWING	ARCHITECTS:-
GROUP HOUSING FOR M/S RAKSHA VIGYAN KARAMCHARI SAHKARI AWAS SAMITI LTD. IN KHASRA NO 519,522,523,524,525/5 AT VILLAGE CHAGRASI & PARGNALONI AT TEHSIL DADRI, DISTT. GAUTAMBUDH NAGAR (U.P.)			DRG. TITLE:- LAYOUT PLAN SCALE:-1:500 DIT.BY:-Mukesh	M. N. ANDLEY B.A.RCH. F.I.I.A. F.I.V. ANDLEYS ASSOCIATES PVT. LTD. ARCHITECTS ENGINEERS PLANNERS 39 HOUSING SOCIETY N.D.S.E.-I NEW DELHI - 110049