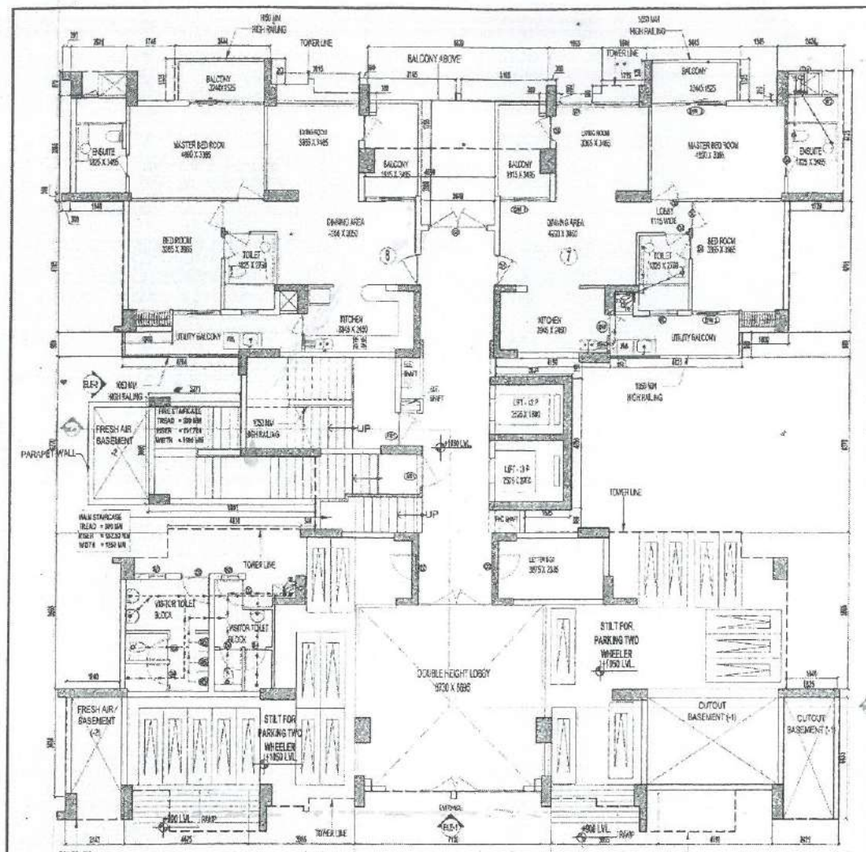
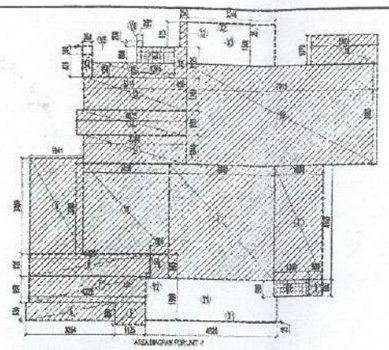
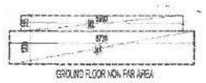


GROUND FLOOR PLAN

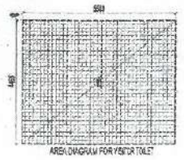


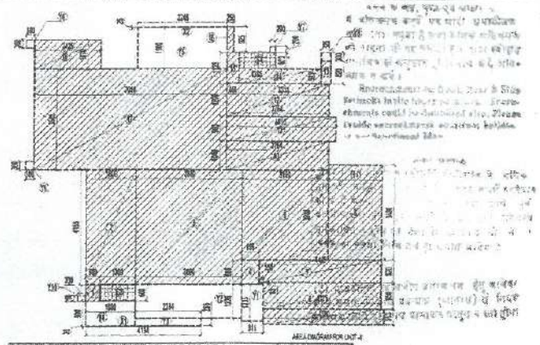
F.A.R. COVERED AREA CALCULATION FOR GROUND FLOOR UNIT-7								
S.NO.		PARTICULARS						AREA (SQ.M)
COVERED AREA OF UNIT								
1			4.691	X	0.950	=		3.229
2			7.885	X	4.165	=		7.457
3			3.960	X	4.165	=		16.342
4			4.045	X	3.365	=		9.384
5			7.165	X	2.867	=		9.305
6			6.868	X	3.354	=		2.825
7			4.825	X	3.750	=		4.350
8			4.475	X	3.422	=		3.585
9			1.941	X	3.582	=		6.975
10			2.150	X	3.281	=		10.222
11			2.754	X	1.243	=		3.913
12			4.915	X	2.052	=		3.864
13			2.574	X	2.233	=		4.287
14			6.869	X	0.973	=		4.287
15			2.574	X	0.585	=		1.506
16			6.035	X	1.389	=		8.384
17			6.250	X	0.923	=		4.272
18			2.134	X	1.570	=		3.354
19			2.415	X	2.580	=		10.750
		TOTAL AREA-(A)				=		84.958
F.A.R. AREA OF BALCONY (B+ X2) + X3 + X4								
Y1			4.825	X	0.750	=		1.809
Y2			3.940	X	0.225	=		0.887
(X1+X2)						=		1.796
TOTAL (B)								8.442
TOTAL F.A.R AREA FOR UNIT-7 = F.A.R. AREA + (B) BALCONY AREA								
A	F.A.R. AREA							94.958
B	(X1+X2) BALCONY AREA							8.442
TOTAL								95.400
NON F.A.R AREA OF BALCONY & F.A.R AREA UNIT-7								
Y1			4.825	X	0.500	=		2.413
Y2			3.940	X	0.225	=		0.887
Y3			3.287	X	0.500	=		1.644
Y4			9.225	X	0.500	=		4.613
Y5			3.890	X	0.500	=		2.945
TOTAL AREA-B								12.342
COVERAGE AREA OF UNIT-7 = F.A.R. AREA +(Y1 + Y2 + Y3 + Y4 + Y5) + A, B AREA OF BALCONY + NON F.A.R AREA OF BALCONY								
1	F.A.R. AREA							94.958
2	F.A.R AREA OF BALCONY							1.768
3	NON F.A.R AREA OF BALCONY							12.342
TOTAL								109.068

DOUBLE HT.ENTRANCE LOBBY AREA CALCULATION								
S.NO			PARTICULARS					AREA(SQ.M)
1			6.860	X	4.099	=		28.180
2			7.130	X	2.925	=		20.856
3	2	X	0.350	X	0.275	=		0.188
TOTAL AREA						=		49.224



NON F.A.R AREA OF GROUND FLOOR								
N1			5.930	X	0.555	=		3.291
N2			8.730	X	1.325	=		8.917
TOTAL AREA ©						=		12.208





F.A.R. COVERED AREA CALCULATION FOR GROUND FLOOR UNIT-8								
S.NO.		PARTICULARS						AREA (SQ.M)
COVERED AREA OF UNIT								
1			6.650	X	0.925	=		5.361
2			1.940	X	4.165	=		7.457
3			3.960	X	4.165	=		16.342
4			4.925	X	2.400	=		9.824
5			6.400	X	2.634	=		9.373
6			4.575	X	3.550	=		4.861
7			4.425	X	3.200	=		8.493
8			1.941	X	3.488	=		6.769
9			3.319	X	3.280	=		10.352
10			1.940	X	3.764	=		3.513
11			2.575	X	0.900	=		2.814
12			2.775	X	1.450	=		4.527
13			4.977	X	0.450	=		9.007
14			1.941	X	0.925	=		3.254
15			2.241	X	0.925	=		1.240
16			2.140	X	1.125	=		1.360
17			1.350	X	0.575	=		3.254
18			7.915	X	0.925	=		20.774
19			2.425	X	1.450	=		3.750
		TOTAL AREA-(A)				=		94.970
F.A.R. AREA OF BALCONY (B+ X1 + X2) + X3								
Y1			4.825	X	0.225	=		0.241
Y2			2.575	X	0.225	=		0.841
(X1+X2)						=		0.226
TOTAL (B)								0.057
TOTAL F.A.R AREA FOR UNIT-8 = F.A.R. AREA + (B) BALCONY AREA								
A	F.A.R. AREA							94.970
B	(B) BALCONY AREA							0.057
TOTAL								95.027
NON F.A.R AREA OF BALCONY & F.A.R AREA UNIT-8								
Y1			0.811	X	1.275	=		1.034
Y2			3.691	X	.225	=		0.829
Y3			9.264	X	0.450	=		0.834
Y4			7.150	X	0.450	=		1.918
Y5			4.240	X	1.275	=		4.959
Y6			3.425	X	0.300	=		0.909
Y7			8.280	X	0.300	=		0.949
Y8			8.264	X	0.900	=		0.105
Y9			9.240	X	0.450	=		0.856
Y10			4.240	X	0.900	=		0.910
TOTAL AREA-B								13.460
COVERAGE AREA OF UNIT-8 = F.A.R. AREA +(Y1, Y2, Y3, Y4, Y5, Y6, Y7, Y8, Y9, Y10) + A, B AREA OF BALCONY + NON F.A.R AREA OF BALCONY								
1	F.A.R. AREA							94.970
2	F.A.R AREA OF BALCONY							0.226
3	NON F.A.R AREA OF BALCONY							13.460
TOTAL								108.656

TOWER - A1,A2,A3,A4,A5&A6

SCHEDULE OF OPENINGS

S.NO	TYPE	WIDTH	HEIGHT	SILL	LINTEL	REMARKS
1	SD	2100	2100	-	2100	GLASS DOOR
2	D1	1225	2200	-	2200	ENTRANCE
3	D2	1000	2200	-	2200	BEDROOMS
4	D3	900	2200	-	2200	BEDROOM+ENS.
5	D4	800	2200	-	2200	TOILET
6	D5	1450	1950	-	2200	KITCHEN + HALL
7	D6	1045	1950	300	2250	BED ROOM
8	D7	1007	815	1225	2200	TOILET
9	D8	900	815	1225	2200	TOILET
10	SW1	2600	2550	-	2650	DRAWING ROOM
11	SW2	1750	2550	-	2650	MASTER BED ROOM
12	SW3	1200	2550	-	2650	BEDROOM SW.

SCHEDULE OF OPENINGS FOR COMMON AREAS

S.NO	TYPE	WIDTH	HEIGHT	SILL	LINTEL	REMARKS
1	FSD	1200	2200	-	2200	FIRE RATED DOOR
2	GW1	1200	1245	600	2245	FIRE STAIRCASE
3	MD2	1800	1200	100	2200	MAIN ENTRANCE

TOTAL F.A.R. AREA AT GROUND FLOOR							
S.NO.		PARTICULARS					AREA(SQ.M)
FAR AREA OF UNIT-7	=	95.400	X	1	=		95.400
FAR AREA OF UNIT-8	=	95.027	X	1	=		95.027
FAR AREA OF CIRCULATION					=		61.989
FAR AREA OF ENTRANCE LOBBY					=		49.224
TOTAL F.A.R AREA					=		301.641

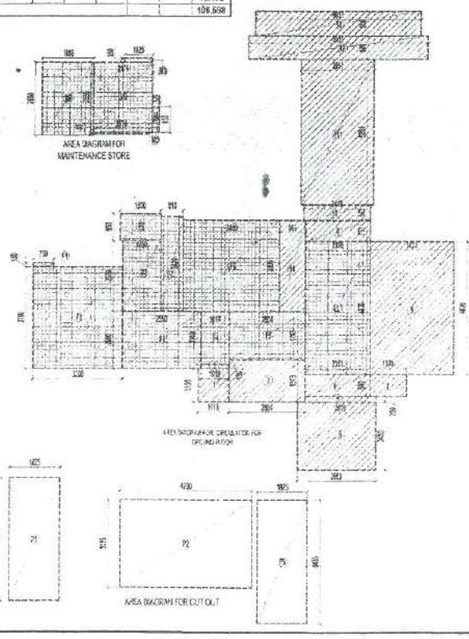
TOTAL GROUND COVERAGE AREA								
S.NO.		PARTICULARS						AREA(SQ.M)
FAR AREA OF UNIT-7	=	103.773	X	1	=			103.773
FAR AREA OF BALCONY OF UNIT-7	=	0.511	X	1	=			0.511
NON FAR AREA OF BALCONY OF UNIT-7	=	15.486	X	1	=			15.486
FAR AREA OF UNIT-8	=	103.643	X	1	=			103.643
FAR AREA OF BALCONY OF UNIT-8	=	2.139	X	1	=			2.139
NON FAR AREA OF BALCONY OF UNIT-8	=	28.360	X	1	=			28.360
FAR AREA OF UNIT-7	=	94.958	X	1	=			94.958
FAR AREA OF BALCONY OF UNIT-7	=	1.768	X	1	=			1.768
NON FAR AREA OF BALCONY OF UNIT-7	=	12.342	X	1	=			12.342
FAR AREA OF UNIT-8	=	94.970	X	1	=			94.970
FAR AREA OF BALCONY OF UNIT-8	=	0.226	X	1	=			0.226
NON FAR AREA OF BALCONY OF UNIT-8	=	13.460	X	1	=			13.460
FAR AREA CIRCULATION FOR GROUND FLOOR	=							61.989
NON FAR AREA OF GROUND FLOOR	=	-	-	-	-			24.949
CUPBOARDS AREA FOR TYPICAL FLOOR						=		8.418
15% ADDITIONAL F.A.R. FOR GROUND FLOOR		FIRE STAIRCASE AREA				=		44.550
15% ADDITIONAL F.A.R. FOR TYPICAL FLOOR		LIFT LOBBY				=		11.551
TOTAL COVERAGE AREA						=		627.428

TOTAL STILT AREA								
S.NO		PARTICULARS						AREA(SQ.M)
GROUND COVERAGE AREA								627.428
Subtraction								
FAR AREA OF UNIT-7	=	94.958	X	1	=			94.958
FAR AREA OF BALCONY OF UNIT-7	=	1.768	X	1	=			1.768
NON-FAR AREA OF BALCONY OF UNIT-7	=	12.342	X	1	=			12.342
FAR AREA OF UNIT-8	=	94.970	X	1	=			94.970
FAR AREA OF BALCONY OF UNIT-8	=	0.226	X	1	=			0.226
NON-FAR AREA OF BALCONY OF UNIT-8	=	13.460	X	1	=			13.460
FAR AREA CIRCULATION FOR GROUND FLOOR	=							61.989
15% ADDITIONAL F.A.R. FOR GROUND FLOOR	=						X	61.989
ENTRANCE LOBBY	-						=	49.224
NON-FAR AREA OF GROUND FLOOR	=						=	12.208
PLUMBING SHAFT AREA	-						=	31.248
TOTAL								437.370
TOTAL STILT AREA							=	190.058

AREA CALCULATION TOWARDS 10% ADDITIONAL F.A.R AT GROUND FLOOR								
S.NO.		PARTICULARS						AREA(SQ.M)
FIRE STAIRCASE AREA								
R1			3.295	X	4.160	=		0.113
R2			2.900	X	1.725	=		12.382
R3			7.295	X	2.300	=		5.617
R4			1.575	X	1.340	=		1.972
R5			1.705	X	2.504	=		4.629
R6			3.445	X	0.300	=		11.030
R7			2.815	X	1.430	=		3.721
R8			1.475	X	2.475	=		3.650
R9			1.475	X	0.850	=		1.254
TOTAL FIRE STAIRCASE AREA						=		44.532
LIFT LOBBY								
L1			1.300	X	8.800	=		11.551
TOTAL LIFT LOBBY AREA						=		11.551
CUPBOARDS								
C1	1	X	1.200	X	0.800	=		0.960
C2	1	X	1.200	X	0.913	=		0.818
C3	1	X	1.200	X	0.913	=		0.789
C4	1	X	1.200	X	0.913	=		0.632
TOTAL CUPBOARDS AREA						=		3.198
MAINTENANCE STORE AREA								
S1			1.725	X	2.425	=		4.208
S2			2.748	X	2.175	=		4.811
S3			1.284	X	0.150	=		0.914
S4			1.297	X	0.921	=		0.000
S5			0.774	X	1.128	=		1.451
SMART GARAGE STORE AREA						=		11.384
VISITORS TOILET AREA								
T1			2.498	X	4.425	=		24.965
TOTAL VISITORS TOILET						=		24.965
TOTAL 15% ADDITIONAL F.A.R AREA FOR GROUND FLOOR...								85.260

AREA CALCULATION FOR CUT OUT								
S.NO.		PARTICULARS						AREA(SQ.M)
P1			1.825	X	1.125	=		6.864
P2			4.765	X	5.125	=		12.756
P3			1.325	X	4.425	=		5.864
						=		4.864
TOTAL AREA						=		31.248

F.A.R. COVERED AREA CALCULATION FOR CIRCULATION AT GROUND FLOOR								
S.NO.		PARTICULARS						AREA(SQ.M)
1		1.115	X	1.190	=			1.327
2		1.056	X	0.150	=			0.152
3		2.804	X	1.555	=			4.248
4		2.351	X	0.800	=			1.881
5		2.575	X	0.200	=			0.515
6		2.980	X	2.450	=			7.304
7		1.930	X	0.600	=			1.084
8		3.025	X	4.830	=			14.611
9		2.350	X	0.757	=			1.779
10		2.419	X	0.562	=			1.359
11		2.651	X	5.201	=			13.903
12		6.551	X	0.840	=			5.496
13		6.091	X	0.900	=			5.482
14		0.060 *	X	3.306	=			1.204
TOTAL F.A.R. AREA						=		61.989



IT-285/1923
518/16

NO. OF PRINT	DATE	SIGNATURE	REMARKS

REVISION	DATE	DESCRIPTION	BY

GENERAL NOTES:
1. ANY HABITABLE ROOM, TOILET, BATH INSTALLATION SHALL NATURALLY VENTILATED/ALL BE MECHANICALLY VENTILATED
2. FIRE STAIRCASE & LIFT PRESSURISED FOR EXPERIENCE

AREA LEGEND :

FAR AREA

COMMERCIAL AREA

PLUMBING LEGEND

1	100Ø SOIL & VENT PIPE
2	150Ø RAIN WATER PIPE
3	COLD WATER SUPPLY OUTLINE
4	80 Ø CWR/RAIN PIPE TO OPEN STAY
5	75 Ø RAIN WATER PIPE
FD	FLOOR DRAIN(WITH GRATING)
FT	FLOOR TRAP (100 x 150mm WITH GRATING)
BD	BALCONY DRAIN(WITH GRATING)
WB TO FT	32Ø WASTE PIPE
FD TO FT	50Ø WASTE PIPE
FT TO VERTICAL STACK	75Ø WASTE PIPE
WB TO VERTICAL STACK	100Ø SOIL PIPE

SUBMISSION DRAWING

CLIENT
IV COUNTY PVT. LTD.

PROJECT
Cleo County
PROPOSED GROUP HOUSING FOR IV COUNTY PVT. LTD. AT PLOT NO.-GH-05,SECTOR-121, NOIDA, U.P.

DATE	PROJECT INCHARGE	CHECKED BY
19.01.24	ANIL BHARTIA	RAJENDRA SINGH
SCALE	DRAWN BY	APPROVED BY
1:100	SUBODH SHARMA	VISUAL DRAWING

DRAWING TITLE
GROUND FLOOR PLAN
TOWER - A1,A2,A3,A4,A5,A6

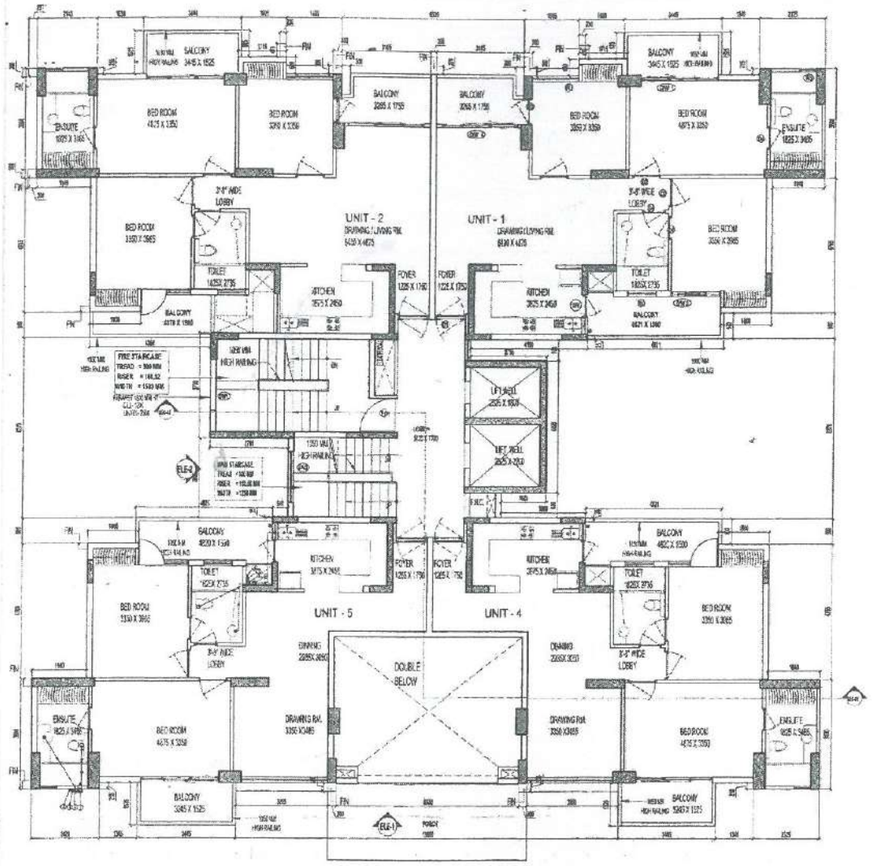
OWNER SIGN | ARCHITECT SIGN

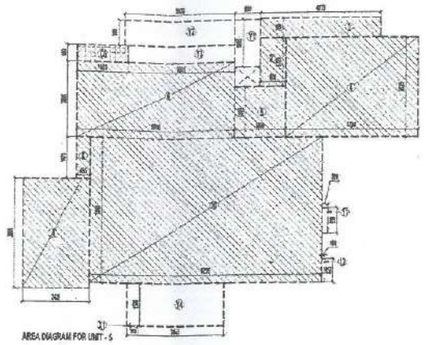
TOWN PLANNER SIGN.

TOWN PLANNER

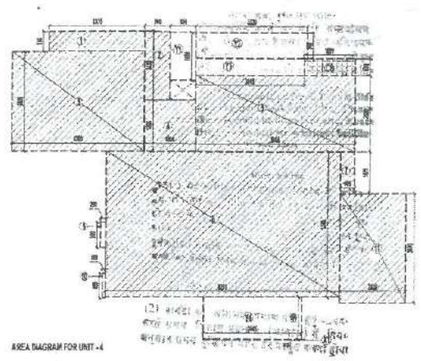
ARCHITECTS
Confluence

DRAWING NO. S-012 | REVISION R0





AREA DIAGRAM FOR UNIT - 5



AREA DIAGRAM FOR UNIT - 4

F.A.R. COVERED AREA CALCULATION FOR UNIT- 5

S.NO.	PARTICULARS						AREA (SQ.MT)
COVERED AREA OF UNIT							
1		4.275	X	0.700	=		2.993
2		0.960	X	1.720	=		1.652
4		4.760	X	3.525	=		16.568
5		1.860	X	1.925	=		3.249
6		5.865	X	2.800	=		16.077
8		0.485	X	1.475	=		0.715
9		2.423	X	3.892	=		9.409
10		8.255	X	5.140	=		42.431
11		0.200	X	0.930	=		0.186
12		0.100	X	0.625	=		0.063
TOTAL AREA - (A)					=		92.252

F.A.R AREA OF BALCONY (B)= (X1) / 4								
X1			3.445	X	0.025	=	0.086	
(X1)						=	0.086	
TOTAL (B)								0.022

TOTAL F.A.R AREA FOR UNIT - 5 = F.A.R AREA + (B) BALCONY AREA			
1	F.A.R AREA	=	92.252
2	(B) BALCONY AREA	=	0.022
TOTAL			92.274

NON F.A.R AREA OF BALCONY UNIT- 5								
Y1			0.910	X	1.680	=		1.512
Y2			3.920	X	0.900	=		3.528
Y3			3.895	X	0.850	=		2.263
Y4			3.445	X	1.500	=		5.168
TOTAL AREA ©						=		12.491

COVERAGE AREA OF UNIT - 5 = F.A.R AREA +2X F.A.R AREA OF BALCONY + NON FAR AREA OF BALCONY			
1	F.A.R AREA	=	92.252
2	2 X F.A.R AREA OF BALCONY	=	0.088
3	NON FAR AREA OF BALCONY	=	12.491
TOTAL			104.829

F.A.R. COVERED AREA CALCULATION FOR UNIT- 4

S.NO.	PARTICULARS						AREA (SQ.MT)
COVERED AREA OF UNIT							
1		3.375	X	0.750	=		2.385
2		0.900	X	2.420	=		2.178
3		4.700	X	3.525	=		16.568
4		1.800	X	1.800	=		3.249
5		5.605	X	2.800	=		15.077
7		0.485	X	1.475	=		0.715
8		8.255	X	5.140	=		42.431
9		0.200	X	0.900	=		0.180
10		0.100	X	0.855	=		0.086
11		2.325	X	3.883	=		9.027
TOTAL AREA - (A)					=		91.867

F.A.R AREA OF BALCONY (B)= (X1) / 4								
X1			3.445	X	0.025	=	0.086	
(X1)						=	0.086	
TOTAL (B)								0.022

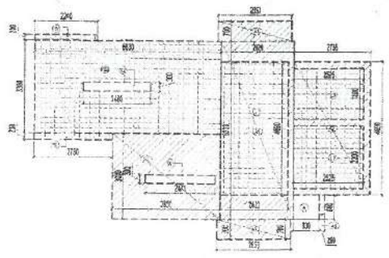
TOTAL F.A.R AREA FOR UNIT - 4 = F.A.R AREA + (B) BALCONY AREA			
1	F.A.R AREA	=	91.867
2	(B) BALCONY AREA	=	0.022
TOTAL			91.889

NON F.A.R AREA OF BALCONY UNIT- 4								
Y1			0.900	X	1.680	=		1.512
Y2			3.920	X	0.900	=		3.528
Y3			3.800	X	0.850	=		2.263
Y4			3.445	X	1.500	=		5.168
TOTAL AREA ©						=		12.491

COVERAGE AREA OF UNIT - 4 = F.A.R AREA +2X F.A.R AREA OF BALCONY + NON FAR AREA OF BALCONY			
1	F.A.R AREA	=	91.867
2	2 X F.A.R AREA OF BALCONY	=	0.086
3	NON FAR AREA OF BALCONY	=	12.491
TOTAL			104.444

TOTAL F.A.R. AREA AT FIRST FLOOR

S.NO.	PARTICULARS						AREA(SQ.MT)
FAR AREA OF UNIT- 1	=	103.566	X	1	=		103.566
FAR AREA OF UNIT- 2	=	103.901	X	1	=		103.901
FAR AREA OF UNIT- 4	=	91.869	X	1	=		91.869
FAR AREA OF UNIT- 5	=	92.274	X	1	=		92.274
FAR AREA OF CIRCULATION					=		22.668
TOTAL F.A.R AREA					=		414.297



AREA DIAGRAM FOR CIRCULATION FOR FIRST FLOOR

F.A.R. COVERED AREA CALCULATION FOR CIRCULATION AT FIRST FLOOR

S.NO.	PARTICULARS						AREA(SQ.MT)
A1			2.550	X	0.700	=	1.855
A2			2.755	X	4.600	=	12.027
A3			2.920	X	6.300	=	18.508
A4			3.950	X	3.000	=	11.550
A5			2.650	X	0.700	=	1.855
A6			0.705	X	0.660	=	0.172
TOTAL AREA (A)						=	44.859
AREA SUBTRACTION							
LIFT WELL							
L1			2.525	X	1.800	=	4.545
L2			2.525	X	2.200	=	5.555
LIFT LOBBY							
LL1			2.420	X	4.600	=	11.350
STAIRCASE CUTOUT							
X1			2.471	X	0.300	=	0.741
TOTAL AREA (S)						=	22.191
TOTAL CIRCULATION AREA FOR FIRST (A)-(B)							22.668

AREA CALCULATION TOWARDS 15% ADDITIONAL F.A.R AT FIRST FLOOR

S.NO.	PARTICULARS						AREA (SQ.MT)
FIRE STAIRCASE & ELECTRICAL SHAFT AREA							
FS1			2.240	X	0.200	=	0.448
FS2			8.630	X	3.300	=	21.879
FS3			2.760	X	0.230	=	0.638
TOTAL FIRE STAIRECASE AREA						=	22.966
LIFT WELL							
L1			2.525	X	1.800	=	4.545
L2			2.525	X	2.200	=	5.555
TOTAL LIFT WELL AREA						=	10.100
LIFT LOBBY							
LL1			2.420	X	4.600	=	11.350
TOTAL LIFT LOBBY AREA						=	11.350
CUPBOARDS							
C1	1	X	1.800	X	0.600	=	1.080
C2	1	X	1.715	X	0.660	=	1.079
C3	1	X	1.800	X	0.600	=	1.080
C4	1	X	1.715	X	0.660	=	1.079
C5	1	X	1.800	X	0.600	=	1.080
C6	1	X	1.800	X	0.660	=	1.080
TOTAL CUPBOARDS AREA						=	6.378
F.H.C SHAFT							
A			0.980	X	0.980	=	0.960
TOTAL F.H.C SHAFT AREA						=	0.800
TOTAL 15% ADDITIONAL F.A.R AREA WITH SUBTRACTION							51.594
AREA SUBTRACTION							
STAIRCASE CUTOUT							
X2			2.480	X	0.300	=	0.720
TOTAL STAIRCASE CUTOUT AREA						=	0.720
TOTAL 15% ADDITIONAL F.A.R AREA FOR FIRST FLOOR							50.874

NO OF PERT	DATE	ISSUED TO	REMARKS

REVISION	DATE	DESCRIPTION	BY

GENERAL NOTES:
1. ANY HABITABLE ROOM, TOILET, KITCHEN ETC. IF AT 40 MSH ARE NATURALLY VENTILATED WILL BE MECHANICALLY VENTILATED.
2. FIRE STAIRCASE IS OF PRESSURISED TYPE AS PER N.B.C.

TOWER - A1,A2,A3,A4,A5,A6

SCHEDULE OF OPENINGS

S.NO.	TYPE	WIDTH	HEIGHT	SILL	LINTEL	REMARKS
1.	D1	1000	2100	-	2300	MAIN DOOR
2.	D2	900	2100	-	2300	BEDROOMS
3.	D3	900	2100	-	2250	BEDROOM BAL.
4.	D4	800	2100	-	2250	TOILET
5.	D4*	1400	1950	-	2200	TOILET
6.	W1	1650	1650	300	2250	KITCHEN
7.	W2	1650	675	1350	2200	TOILET
8.	W3	900	675	1725	2250	TOILET
9.	D#1	1800	2100	-	2250	DRAWING ROOM
10.	D#2	2750	2100	-	2250	MASTER BED ROOM
11.	D#3	1750	2100	-	2250	BEDROOM BAL.

SCHEDULE OF OPENINGS FOR COMMON AREAS

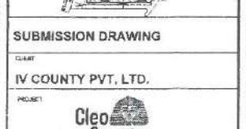
S.NO.	TYPE	WIDTH	HEIGHT	SILL	LINTEL	REMARKS
1.	FD1	1200	2100	-	2300	FIRE RATED DOOR
2.	SW1	1800	1345	900	2245	FIRE STAIRCASE
3.	SW2	1800	1320	900	2220	MAIN STAIRCASE

AREA LEGEND:-

F.A.R AREA — COVERED IN F.A.R AREA

PLUMBING LEGEND

(1)	100 CPVC WASTE PIPE TO O.H. TANK
(2)	100Ø WASTE & VENT PIPE
(3)	150Ø RAIN WATER PIPE
(4)	COLD WATER SUPPLY DN TANK
(5)	100Ø SOIL & VENT PIPE
(6)	75 Ø RAIN WATER PIPE
FD	FLOOR DRAIN WITH GRATING
FT	FLOOR TRAP (100 x 75mm WITH GRATING)
BD	BALCONY DRAIN WITH GRATING
WB TO FT	32Ø WASTE PIPE
FD TO FT	50Ø WASTE PIPE
FT TO VERTICAL STACK	75Ø WASTE PIPE
WC TO VERTICAL STACK	100Ø SOIL PIPE



SUBMISSION DRAWING

CLIENT
IV COUNTY PVT. LTD.

PROJECT
Cleo County
PROPOSED GROUP HOUSING FOR IV COUNTY PVT. LTD. AT PLOT NO.-GH-05,SECTOR-121, NOIDA, U.P.

DATE	PROJECT INCHARGE	CHECKED BY
09.07.2016	NATIONAL BHOPAL	NATIONAL BHOPAL
SCALE	DRAWN BY	APPROVED BY
1:50	SHEKHAR BHARDWAJ	VISHAL SHARMA

DRAWING TITLE
FIRST FLOOR PLAN
TOWER - A1,A2,A3,A4,A5,A6

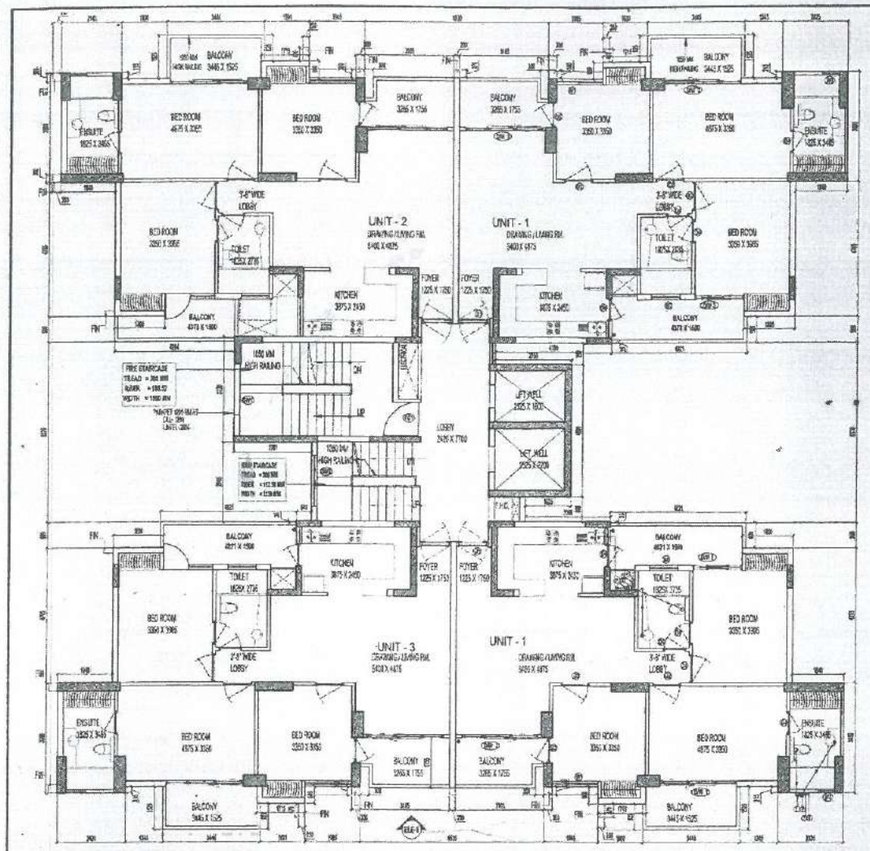
OWNER SIGN | ARCHITECT SIGN

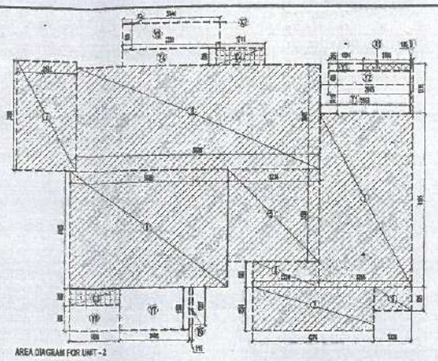
TOWN PLANNER SIGN.

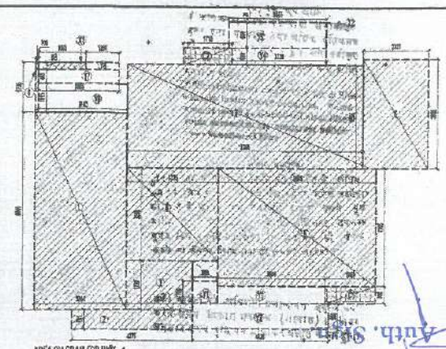
TOWN PLANNER

ARCHITECTS
Confluence

DRAWING NO. G-013 | REVISION R9




AREA DIAGRAM FOR UNIT - 2


AREA DIAGRAM FOR UNIT - 1

F.A.R. COVERED AREA CALCULATION FOR UNIT- 2

S.NO.	PARTICULARS						AREA (SQ.M)
COVERED AREA OF UNIT							
1		3.292	X	6.105	=		19.939
2		1.335	X	0.835	=		1.167
3		4.274	X	1.535	=		6.561
4		2.334	X	0.885	=		2.066
5		3.234	X	3.280	=		10.606
6		5.605	X	4.105	=		23.349
7		2.141	X	3.880	=		8.307
8		8.639	X	3.665	=		31.662
9		0.100	X	1.765	=		0.176
TOTAL AREA - (A)					=		103.773

F.A.R AREA OF BALCONY (B)= (X1 + X2) / 4								
X1			1.665	X	0.255	=	0.425	
X2			3.444	X	0.025	=	0.086	
(X1+X2)						=	0.511	
TOTAL (B)								0.128

TOTAL F.A.R AREA FOR UNIT - 2 = F.A.R. AREA + (B) BALCONY AREA			
1	F.A.R. AREA	=	103.773
2	(B) BALCONY AREA	=	0.128
TOTAL			103.901

NON F.A.R AREA OF BALCONY UNIT- 2								
Y1			3.166	X	1.015	=		3.213
Y2			2.865	X	0.485	=		1.390
Y3			1.200	X	0.255	=		0.306
Y4			3.330	X	0.600	=		1.998
Y5			3.444	X	0.900	=		3.100
Y6			0.115	X	1.355	=		0.156
Y7			2.465	X	1.500	=		3.698
Y8			1.660	X	0.500	=		1.829
TOTAL AREA ©						=		15.480

COVERAGE AREA OF UNIT -2 = F.A.R AREA +2X F.A.R AREA OF BALCONY + NON FAR AREA OF BALCONY			
1	F.A.R AREA	=	103.773
2	2 X F.A.R AREA OF BALCONY	=	0.511
3	NON FAR AREA OF BALCONY	=	15.480
TOTAL			119.764

F.A.R. COVERED AREA CALCULATION FOR UNIT- 1

S.NO.	PARTICULARS						AREA (SQ.M)
COVERED AREA OF UNIT							
1		3.264	X	6.940	=		22.657
2		4.275	X	0.701	=		2.996
3		2.306	X	1.720	=		4.016
4		3.235	X	3.280	=		10.611
5		5.605	X	4.165	=		23.345
6		2.325	X	3.880	=		9.021
7		8.355	X	3.665	=		30.621
8		0.100	X	1.755	=		0.176
TOTAL AREA - (A)					=		103.438

F.A.R AREA OF BALCONY (B)= (X1 + X2) / 4								
X1			1.665	X	0.255	=	0.425	
X2			3.445	X	0.025	=	0.086	
(X1+X2)						=	0.511	
TOTAL (B)								0.128

TOTAL F.A.R AREA FOR UNIT - 1 = F.A.R AREA + (B) BALCONY AREA			
1	F.A.R AREA	=	103.438
2	(B) BALCONY AREA	=	0.128
TOTAL			103.566

NON F.A.R AREA OF BALCONY UNIT- 1								
Y1			0.900	X	0.780	=		0.702
Y2			4.620	X	0.900	=		4.338
Y3			3.805	X	0.600	=		2.283
Y4			3.350	X	0.600	=		1.996
Y5			3.445	X	0.900	=		3.101
Y5			3.165	X	1.015	=		3.212
Y7			2.865	X	0.485	=		1.390
Y8			1.200	X	0.255	=		0.306
TOTAL AREA ©						=		17.330

COVERAGE AREA OF UNIT -1 = F. A.R AREA +2X F. A. R AREA OF BALCONY + NON FAR AREA OF BALCONY			
1	F.A.R AREA	=	103.438
2	2 X F. A. R AREA OF BALCONY	=	0.511
2	NON FAR AREA OF BALCONY	=	17.330
TOTAL			121.279

F.A.R. COVERED AREA CALCULATION FOR UNIT- 3

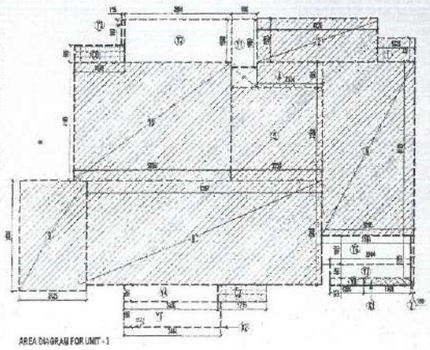
S.NO.	PARTICULARS						AREA (SQ.M)
COVERED AREA OF UNIT							
1		1.226	X	0.835	=		1.107
2		4.275	X	1.535	=		6.562
3		2.331	X	0.885	=		2.066
4		3.234	X	3.280	=		10.606
5		3.280	X	6.105	=		19.939
6		0.100	X	1.755	=		0.176
7		8.357	X	3.665	=		30.628
8		2.425	X	3.880	=		9.409
9		5.605	X	4.165	=		23.349
TOTAL AREA - (A)					=		103.843

F.A.R AREA OF BALCONY (B)= (X1 + X2) / 4								
X1			1.665	X	0.255	=	0.425	
X2			3.444	X	0.025	=	0.086	
(X1+X2)						=	0.511	
TOTAL (B)								0.128

TOTAL F.A.R AREA FOR UNIT - 3 = F.A.R. AREA + (B) BALCONY AREA			
1	F.A.R AREA	=	103.843
2	(B) BALCONY AREA	=	0.128
TOTAL			103.971

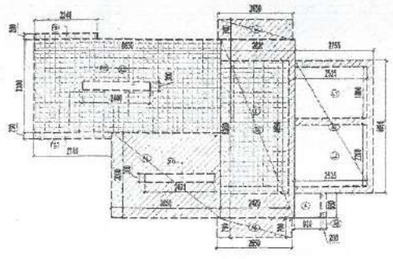
NON F.A.R AREA OF BALCONY UNIT- 3								
Y1			0.900	X	0.660	=		1.812
Y2			3.805	X	1.565	=		3.705
Y3			0.115	X	0.260	=		0.130
Y4			3.330	X	0.300	=		1.998
Y5			3.444	X	0.900	=		3.100
Y6			3.164	X	1.015	=		3.211
Y7			2.851	X	0.485	=		1.383
Y8			1.200	X	0.255	=		0.306
TOTAL AREA©						=		17.329

COVERAGE AREA OF UNIT - 3 = F.A.R AREA +2X F.A.R AREA OF BALCONY + NON FAR AREA OF BALCONY			
1	F.A.R AREA	=	103.843
2	2 X F.A.R AREA OF BALCONY	=	0.511
3	NON FAR AREA OF BALCONY	=	17.329
TOTAL			121.683


AREA DIAGRAM FOR UNIT - 3

F.A.R. COVERED AREA CALCULATION FOR CIRCULATION AT TYPICAL FLOOR

S.NO.	PARTICULARS						AREA(SQ.M)
A1		2.650	X	0.750	=		1.855
A2		2.755	X	4.890	=		12.971
A3		2.820	X	6.300	=		16.896
A4		3.650	X	3.300	=		11.560
A5		3.550	X	0.700	=		1.855
A6		0.260	X	0.669	=		0.172
TOTAL AREA ..... (A)					=		44.859
AREA SUBTRACTION							
LIFT WELL							
L1		2.525	X	1.850	=		4.545
L2		2.525	X	2.200	=		5.555
LIFT LOBBY							
LL1		2.420	X	4.690	=		11.350
STAIRCASE CUTOUT							
X1		2.427	X	0.300	=		0.741
TOTAL AREA..... (B)					=		22.191
TOTAL CIRCULATION AREA FOR TYPICAL ..... (A-B)							22.668


AREA DIAGRAM FOR CIRCULATION FOR TYPICAL FLOOR

TOTAL F.A.R. AREA AT TYPICAL FLOOR

S.NO.		PARTICULARS					AREA(SQ.M)
FAR AREA OF UNIT-1	=	103.566	X	2	=		207.132
FAR AREA OF UNIT-2	=	103.901	X	1	=		103.901
FAR AREA OF UNIT-3	=	103.971	X	1	=		103.971
FAR AREA OF CIRCULATION					=		22.668
TOTAL F.A.R AREA					=		437.672

AREA CALCULATION TOWARDS 15% ADDITIONAL F.A.R AT TYPICAL FLOOR

S.NO.	PARTICULARS						AREA (SQ.M)
FIRE STAIRCASE & ELECTRICAL SHAFT AREA							
FS1		3.240	X	0.200	=		0.648
FS2		6.530	X	3.300	=		21.549
FS3		2.760	X	0.230	=		0.635
TOTAL FIRE STAIRCASE AREA					=		22.906
LIFT LOBBY							
LL1		2.420	X	4.690	=		11.350
TOTAL LIFT LOBBY AREA					=		11.350
CUPBOARDS							
C1	2	X	1.900	X	0.600	=	2.166
C2	2	X	1.715	X	0.600	=	2.054
C3	1	X	1.805	X	0.600	=	1.086
C4	1	X	1.715	X	0.900	=	1.629
C5	1	X	1.905	X	0.860	=	1.086
C7	1	X	1.714	X	0.600	=	1.029
TOTAL CUPBOARDS AREA					=		8.436
F.H.C SHAFT							
A		0.930	X	0.860	=		0.800
TOTAL F.H.C SHAFT AREA					=		0.800
TOTAL 15% ADDITIONAL F.A.R AREA WITH SUBTRACTION							43.592
AREA SUBTRACTION							
STAIRCASE CUTOUT							
X2		2.420	X	0.300	=		0.726
TOTAL STAIRCASE CUTOUT AREA					=		0.726
TOTAL 15% ADDITIONAL F.A.R AREA FOR TYPICAL FLOOR							42.832

Auth. Sign
For Confluence Pvt. Ltd.

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NO. OF PRINT	DATE	ISSUED TO	REMARKS

NO./BRCH.	BASE	DESCRIPTION	BY

GENERAL NOTES:
1. ANY HABITABLE ROOM, TOILET, KITCHEN ETC. WITH NO NATURALLY VENTILATED WALL BE MECHANICALLY VENTILATED.
2. FIRE STAIRCASE IS OF PRESSURISED TYPE AS PER NBC.

TOWER - A1,A2,A3,A4,A5&A6

SCHEDULE OF OPENINGS

S.NO.	TYPE	WIDTH	HEIGHT	SILL	LINTEL	REMARKS
1.	D1	1000	2100	-	2200	ENTRANCE
2.	D2	1000	2100	-	2200	BEDROOMS
3.	D3	900	2100	-	2200	BEDROOM BAL.
4.	D4	800	2100	-	2200	TOILET
5.	D5	750	2100	-	2200	KITCHEN + BAL.
6.	W1	1200	1200	900	2100	BEDROOM
7.	W2	1000	675	1225	2100	TOILET
8.	W3	600	675	1225	2100	TOILET
9.	D6	2400	2100	-	2200	DRAWING/DOOR
10.	D7	2100	2100	-	2200	MASTER BED ROOM
11.	W4	1200	1200	-	2200	BEDROOM BAL.

SCHEDULE OF OPENINGS FOR COMMON AREAS

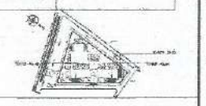
S.NO.	TYPE	WIDTH	HEIGHT	SILL	LINTEL	REMARKS
1.	FD1	1200	2200	-	2300	FIRE RATED DOOR
2.	SW1	1940	1545	600	2245	FIRE STAIRCASE
3.	SW2	1800	1150	900	2220	MAIN STAIRCASE

AREA LEGEND:-

F.A.R AREA | COUNTED IN F.S.I.(0) AREA

PLUMBING LEGEND

(1)	100Ø SOIL & VENT PIPE
(2)	100Ø WASTE & VENT PIPE
(3)	150Ø RAIN WATER PIPE
(4)	COLD WATER SUPPLY ON TANK
(5)	80Ø OVERHEAD PIPE TO O.H. TANK
(6)	75 Ø RAIN WATER PIPE
FD	FLOOR DRAIN(WITH GRATING)
FT	FLOOR TRAP (150x150mm WITH GRATING)
BD	BALCONY DRAIN(WITH GRATING)
WB TO FT	32Ø WASTE PIPE
FD TO FT	60Ø WASTE PIPE
FT TO VERTICAL STACK	75Ø WASTE PIPE
WC TO VERTICAL STACK	100Ø SOIL PIPE



SUBMISSION DRAWING

CLIENT:
IV COUNTY PVT. LTD.

PROJECT:
Cleo County
PROPOSED GROUP HOUSING FOR IV COUNTY PVT. LTD. AT PLOT NO.- 101-05,SECTOR - 127, NOIDA, U.P.

DATE:	PROJECT INCHARGE:	CHECKED BY:
26.07.19	RAVINDRA SHARP	RAVINDRA SHARP
SCALE:	DRAWN BY:	APPROVED BY:
1:100	SURESH SHARMA	VISHAL SHARMA

DRAWING TITLE:
TYPICAL FLOOR PLAN
TOWER - A1,A2,A3,A4,A5,A6

OWNER SIGN | ARCHITECT SIGN

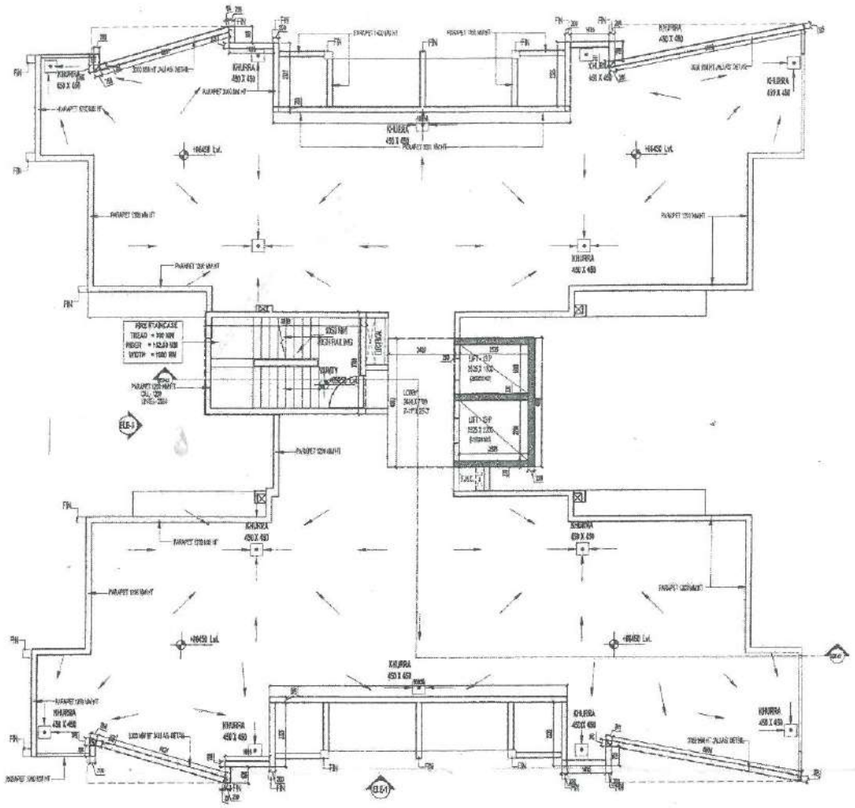
TOWN PLANNER SIGN.

TOWN PLANNER

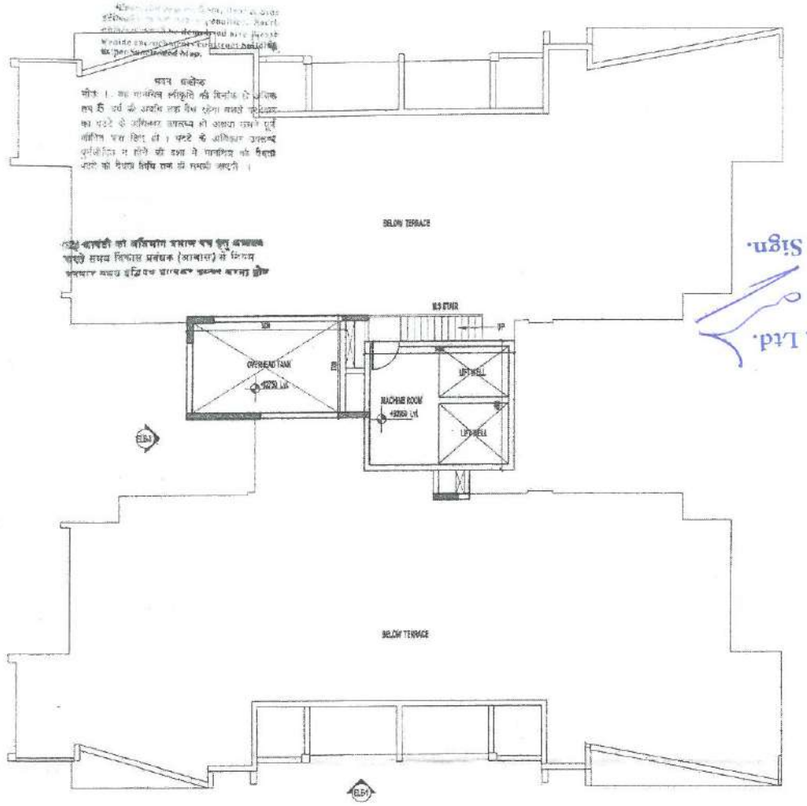
ARCHITECTS:
Confluence

DRAWING NO.: S-014 | REVISION NO

This drawing is available on www.files.confluence.com.



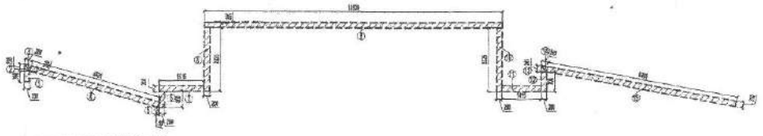
TERRACE FLOOR PLAN



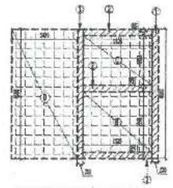
OVERHEAD TANK & MACHINE ROOM PLAN

TOTAL F.A.R AREA OF TERRACE FLOOR PLAN = CIRCULATION LOBBY + PARAPET WALL
= 3.799 + 13.139
= 16.938 SQMT

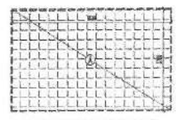
F.A.R. COVERED AREA OF TERRACE PARAPET WALL									
S.NO.	PARTICULARS								AREA (SQ.M)
1	2	X			0.200	X	0.368	=	0.159
2 -	2	X	0.5	X	0.200	X	0.268	=	0.054
3	2	X	0.5	X	0.268	X	0.200	=	0.054
4	2	X			4.831	X	0.200	=	1.932
5	2	X	0.5	X	0.590	X	0.200	=	0.118
6	2	X			0.200	X	0.600	=	0.240
7	2	X			1.815	X	0.200	=	0.648
8	2	X			0.200	X	2.925	=	0.930
9	2	X			10.830	X	0.200	=	4.332
10	2	X			0.200	X	2.525	=	0.936
11	2	X			1.415	X	0.200	=	0.566
12	2	X			0.200	X	2.708	=	0.263
13	2	X	0.5	X	0.200	X	0.241	=	0.048
14	2	X	0.5	X	0.241	X	0.200	=	0.048
15	2	X			0.998	X	0.200	=	2.796
TOTAL AREA								=	13.139



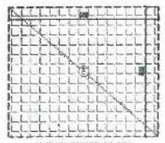
AREA DIAGRAM FOR TERRACE PARAPET WALL



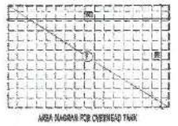
AREA DIAGRAM FOR LIFT & LIFT LOBBY



AREA DIAGRAM FOR MUMTY FIRE STAIRCASE



AREA DIAGRAM FOR MACHINE ROOM



AREA DIAGRAM FOR OVERHEAD TANK

F.A.R. COVERED AREA CALCULATION FOR TERRACE									
S.NO.	PARTICULARS								AREA (SQ.M)
TERRACE LIFT LOBBY AREA									
1					0.200	X	4.890	=	1.079
2	3		X	2.525	X	0.230	=		1.742
3					0.200	X	4.890	=	0.938
TOTAL F.A.R AREA								=	3.759

AREA CALCULATION TOWARDS 15 % ADDITIONAL F.A.R AT TERRACE FLOOR									
S.NO	PARTICULARS								AREA (SQ.M)
TERRACE LIFT LOBBY AREA & FIRE STAIRCASE									
A					5.850	X	3.700	=	21.571
B					2.525	X	2.200	=	5.555
C					2.525	X	1.800	=	4.545
LIFT LOBBY									
D					2.420	X	4.690	=	11.350
TOTAL AREA								=	43.021

AREA CALCULATION TOWARDS 15 % ADDITIONAL F.A.R AT TERRACE FLOOR									
S.NO.	PARTICULARS								AREA (SQ.M)
AREA FOR MACHINE ROOM									
E					5.49	X	4.69	=	25.748
AREA FOR OVERHEAD TANK									
F					5.83	X	3.7	=	21.571
TOTAL AREA								=	47.319

NO. OF PRINT	DATE	ISSUED TO	ISSUED BY
REVISION	DATE	DESCRIPTION	APPROVED BY

GENERAL NOTES:
1. ANY MATERIALS, ROOM, TOILET, KITCHEN ETC. IF IT IS NOT NATURALLY VENTILATED WILL BE MECHANICALLY VENTILATED.
2. FIRE STAIRCASE IS OF PRESSURIZATION AS PER NBC.

Plan for proposed Building as per Bye Laws, Submitted for approval please.

TOWER - A1,A2,A3,A4,A5&A6

SCHEDULE OF OPENINGS

S.NO.	TYPE	WIDTH	HEIGHT	SILL	LINTEL	REMARKS
1.	DW1	1685	2550	-	2550	DRAWING ROOM
2.	DW2	1400	2200/915	915/0	2290	KITCHEN
3.	DW3	1200	2550	-	2550	M. BEDROOM
4.	DW4	1075	2200	-	2290	BEDROOM
5.	D1	1000	2200	-	2290	TOILET
6.	D2	1000	2550	-	2590	BEDROOMS
7.	D3	900	2250	-	2290	TOILET
8.	W1	1800	1675	900	2580	BEDROOM
9.	V1	1800	975	1295	2290	TOILET
10.	V2	600	975	1295	2290	TOILET

SCHEDULE OF OPENINGS FOR COMMON AREAS

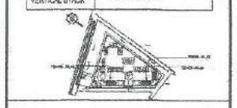
S.NO.	TYPE	WIDTH	HEIGHT	SILL	LINTEL	REMARKS
1.	FD1	1200	2100	-	2290	FIRE RATED DOOR
2.	SW1	1800	1240	900	2240	FIRE STAIRCASE
3.	SW2	1800	1830	900	2230	RAMP STAIRCASE

AREA LEGEND:-

F.A.R AREA | COUNTED IN 15 % FAR AREA

PLUMBING LEGEND

1	100Ø SOIL & VENT PIPE
2	150Ø WASTE & VENT PIPE
3	150Ø RAIN WATER PIPE
4	COLD WATER SUPPLY ON TAKE
5	40 Ø CPVC RISER PIPE TO O.H. TANK
6	75 Ø RAIN WATER PIPE
FD	FLOOR DRAIN WITH GRATING)
FT	FLOOR TRAP (100 x 75mm WITH GRATING)
BD	BALCONY DRAIN WITH GRATING)
WG TO FT	32Ø WASTE PIPE
FD TO FT	50Ø WASTE PIPE
FT TO VERTICAL STACK	75Ø WASTE PIPE
WC TO VERTICAL STACK	100Ø SOIL PIPE



SUBMISSION DRAWING

CLIENT
IV COUNTY PVT. LTD.

PROJECT
Cleo County
PROPOSED GROUP HOUSING FOR IV COUNTY PVT. LTD. AT PLOT NO.-GH-05, SECTOR-121, NOIDA, U.P.

DATE	PROJECT INCHARGE	CHECKED BY
MAY 2019	RAVINDER SINGH	DHIRENDRA SINGH
SCALE	DRAWN BY	APPROVED BY
1:100	RUDRESH KHANNA	VISHAL KHANNA

DRAWING TITLE
TERRACE FLOOR PLAN
TOWER - A1,A2,A3,A4,A5,A6

OWNER SIGN
For IV COUNTY PVT. LTD.
Authorised Signatory

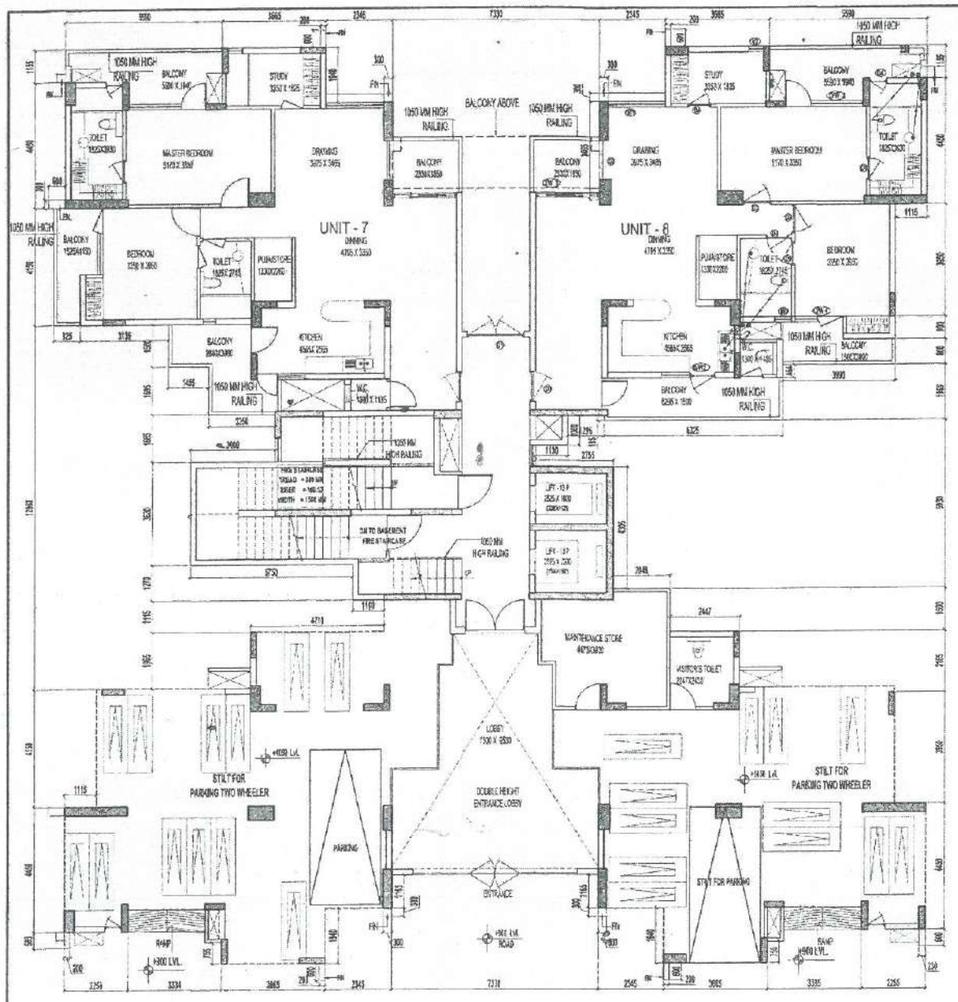
TOWN PLANNER SIGN.

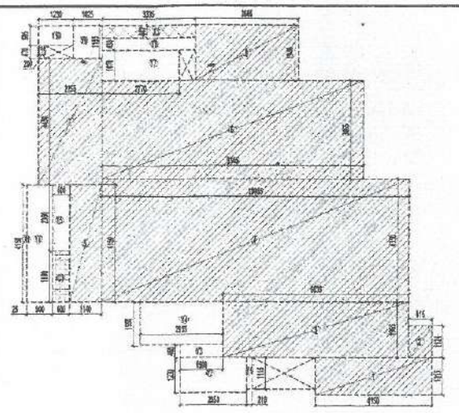
TOWN PLANNER

ARCHITECTS
Confluence

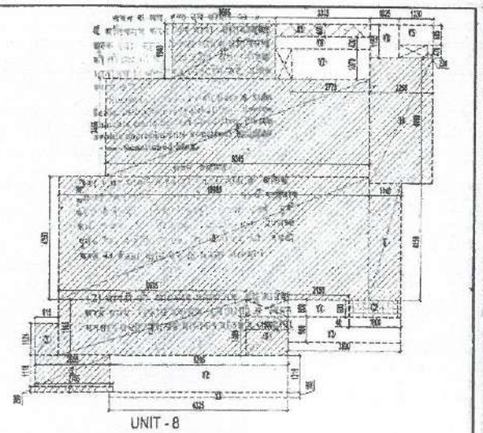
DRAWING NO.
S-015

REVISION
R2





UNIT - 7



UNIT - 8

F.A.R. COVERED AREA CALCULATION FOR UNIT- 7

S.NO.	PARTICULARS						AREA (SQ.M)
COVERED AREA OF UNIT							
1		4.180	X	1.310	=		5.467
3		0.910	X	1.124	=		0.918
3		9.835	X	1.950	=		13.936
4		10.825	X	4.350	=		47.795
5		1.160	X	4.150	=		6.731
6		2.345	X	3.465	=		22.382
7		2.258	X	4.480	=		10.035
8		2.665	X	1.340	=		7.510
TOTAL AREA - (A)					=		121.452

F.A.R AREA OF BALCONY (B)= (X1+X2) / 4							
X1		4.150	X	0.828	=	0.104	
X2		3.396	X	0.440	=	1.467	
(X1+X2)					=	1.571	
TOTAL (B)							0.393

TOTAL F.A.R AREA FOR UNIT - 7 = F.A.R AREA + (B) BALCONY AREA							
1	F.A.R AREA				=		121.452
2	(B) BALCONY AREA				=		0.393
TOTAL							121.845

NON F.A.R AREA OF BALCONY UNIT- 7							
Y1		1.115	X	0.210	=		0.234
Y2		2.330	X	1.630	=		2.201
Y3		0.460	X	1.920	=		0.656
Y4		2.655	X	1.500	=		4.000
Y5		7.350	X	0.900	=		1.410
Y6		0.990	X	0.150	=		3.735
Y7		1.773	X	1.675	=		8.954
Y8		0.335	X	0.430	=		1.434
Y9		1.225	X	1.155	=		1.134
Y10		1.230	X	0.853	=		0.943
Y11		0.350	X	0.470	=		0.694
TOTAL AREA-B					=		20.096

COVERAGE AREA OF UNIT - 7 = F.A.R AREA + F.A.R AREA OF BALCONY + NON FAR AREA OF BALCONY							
1	F.A.R AREA				=		121.452
2	F.A.R AREA OF BALCONY				=		1.571
3	NON FAR AREA OF BALCONY				=		20.096
TOTAL							143.089

F.A.R. COVERED AREA CALCULATION FOR UNIT- 8

S.NO.	PARTICULARS						AREA (SQ.M)
COVERED AREA OF UNIT							
1		2.755	X	0.200	=		0.551
2		2.655	X	1.116	=		2.963
3		1.124	X	0.815	=		0.916
4		6.835	X	1.585	=		10.833
5		1.500	X	1.365	=		2.048
6		1.140	X	4.150	=		4.731
7		0.840	X	0.080	=		0.624
8		10.895	X	4.350	=		47.765
9		9.345	X	3.465	=		32.380
10		2.255	X	4.445	=		10.023
11		2.995	X	1.040	=		7.118
TOTAL AREA - (A)					=		121.569

F.A.R AREA OF BALCONY (B)= (X1) / 4							
X1		3.230	X	0.340	=	1.467	
(X1)					=	1.467	
TOTAL (B)							0.367

TOTAL F.A.R AREA FOR UNIT - 8 = F.A.R AREA + (B) BALCONY AREA							
1	F.A.R AREA				=		121.569
2	(B) BALCONY AREA				=		0.367
TOTAL							121.936

NON F.A.R AREA OF BALCONY UNIT- 8							
Y1		6.225	X	0.125	=		1.170
Y2		6.295	X	1.315	=		8.278
Y3		3.090	X	0.900	=		3.521
Y4		2.150	X	0.600	=		1.290
Y5		1.230	X	0.685	=		0.842
Y6		1.025	X	1.115	=		1.143
Y7		2.770	X	1.070	=		2.964
Y8		3.335	X	0.430	=		1.434
TOTAL AREA-B					=		20.712

COVERAGE AREA OF UNIT - 8 = F.A.R AREA + F.A.R AREA OF BALCONY + NON FAR AREA OF BALCONY							
1	F.A.R AREA				=		121.569
2	F.A.R AREA OF BALCONY				=		1.467
3	NON FAR AREA OF BALCONY				=		20.712
TOTAL							143.749

TOTAL F.A.R. AREA AT GROUND FLOOR

S.NO.	PARTICULARS						AREA(SQ.M)
FAR AREA OF UNIT-7	=	121.845	X	1	=		121.845
FAR AREA OF UNIT-8	=	121.936	X	1	=		121.936
FAR AREA OF CIRCULATION					=		64.935
FAR AREA OF ENTRANCE LOBBY					=		47.470
TOTAL F.A.R AREA					=		356.186

TOTAL GROUND COVERAGE AREA

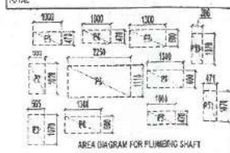
S.NO.	PARTICULARS						AREA(SQ.M)
FAR AREA OF UNIT-3	=	126.270	X	1	=		126.270
FAR AREA OF BALCONY OF UNIT-3	=	2.242	X	1	=		2.242
NON-FAR AREA OF BALCONY OF UNIT-3	=	24.956	X	1	=		24.956
FAR AREA OF UNIT-6	=	134.359	X	1	=		134.359
FAR AREA OF BALCONY OF UNIT-6	=	2.129	X	1	=		2.129
NON-FAR AREA OF BALCONY OF UNIT-6	=	25.960	X	1	=		25.960
F.A.R AREA OF UNIT-7	=	121.452	X	1	=		121.452
FAR AREA OF BALCONY OF UNIT-7	=	1.571	X	1	=		1.571
NON-FAR AREA OF BALCONY OF UNIT-7	=	20.096	X	1	=		20.096
FAR AREA OF UNIT-8	=	121.569	X	1	=		121.569
FAR AREA OF BALCONY OF UNIT-8	=	1.467	X	1	=		1.467
NON-FAR AREA OF BALCONY OF UNIT-8	=	20.712	X	1	=		20.712
FAR AREA CIRCULATION FOR GROUND FLOOR					=		64.935
NON FAR AREA OF GROUND FLOOR	=				=		13.077
SUBSTRUCTURE AREA FOR TYPICAL FLOOR					=		4.226
10% ADDITIONAL F.A.R. FOR GROUND FLOOR		FIRE STAIRCASE AREA			=		10.748
15% ADDITIONAL F.A.R. FOR TYPICAL FLOOR		LIFT LOBBY			=		17.350
TOTAL COVERAGE AREA					=		747.722

TOTAL STILT AREA

S.NO.	PARTICULARS						AREA(SQ.M)
GROUND COVERAGE AREA							747.722
Subtraction							
FAR AREA OF UNIT-1		121.241	X	1	=		121.241
FAR AREA OF BALCONY OF UNIT-1	=	3.493	X	1	=		3.493
NON-FAR AREA OF BALCONY OF UNIT-1	=	19.345	X	1	=		19.345
FAR AREA OF UNIT-4	=	121.538	X	1	=		121.538
FAR AREA OF BALCONY OF UNIT-4	=	1.467	X	1	=		1.467
NON-FAR AREA OF BALCONY OF UNIT-8	=	20.712	X	1	=		20.712
FAR AREA CIRCULATION FOR GROUND FLOOR	=				=		64.935
15% ADDITIONAL F.A.R. FOR GROUND FLOOR	=				=		17.350
SUBSTRUCTURE AREA	=				=		17.672
NON-FAR AREA OF GROUND FLOOR	=				=		9.377
PLUMBING SHAFT AREA					=		8.855
TOTAL							488.589
TOTAL STILT AREA					=		249.133

PLUMBING SHAFT AREA CALCULATION

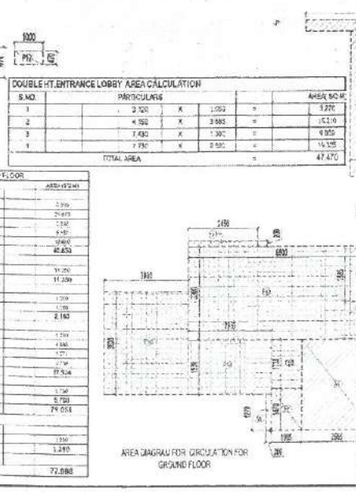
S.NO.	PARTICULARS						AREA(SQ.M)
P1		1.000	X	0.470	=		0.470
P2		0.983	X	1.070	=		0.903
P3		2.563	X	1.270	=		0.903
P4		1.000	X	0.470	=		0.473
P5		2.263	X	1.115	=		7.308
P6		1.303	X	0.600	=		0.780
P7		1.300	X	0.600	=		0.780
P8		1.268	X	0.600	=		0.760
P9		1.000	X	0.470	=		0.470
P10		0.986	X	1.270	=		0.474
P11		0.471	X	1.270	=		0.594
P12		1.000	X	0.470	=		0.470
TOTAL AREA					=		8.855



AREA DIAGRAM FOR PLUMBING SHAFT

DOUBLE HT.ENTRANCE LOBBY AREA CALCULATION

S.NO.	PARTICULARS						AREA(SQ.M)
1		3.720	X	1.050	=		3.906
2		4.390	X	3.665	=		16.016
3		7.430	X	1.300	=		9.659
4		7.730	X	0.580	=		14.345
TOTAL AREA					=		47.470



AREA DIAGRAM FOR ENTRANCE LOBBY

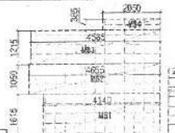
AREA DIAGRAM FOR CIRCULATION FOR GROUND FLOOR

GROUND FLOOR NON FAR AREA

NON F.A.R AREA OF GROUND FLOOR							
W1		6.720	X	1.920	=		2.935
W2		7.330	X	1.320	=		10.142
TOTAL AREA-W					=		13.077

F.A.R. COVERED AREA CALCULATION FOR CIRCULATION AT GROUND FLOOR

S.NO	PARTICULARS						AREA(SQ.M)
A1		2.420	X	2.440	=		5.905
A2		1.130	X	1.060	=		1.198
A3		2.755	X	4.805	=		13.311
A4		2.635	X	5.935	=		17.536
A5		3.350	X	1.215	=		3.968
A6		9.356	X	5.335	=		0.770
A7		1.355	X	1.470	=		1.870
A8		0.205	X	1.270	=		0.259
A9		7.390	X	0.430	=		31.780
A10		1.720	X	1.400	=		2.932
ELECTRICAL SHAFT							
E1		0.585	X	1.220	=		1.291
TOTAL AREA (A)							76.285
AREA SUBTRACTION							
LIFT LOBBY							
L1		2.420	X	4.600	=		11.390
TOTAL AREA (B)							11.390
TOTAL CIRCULATION AREA FOR GROUND FLOOR (A)-(B)							64.935

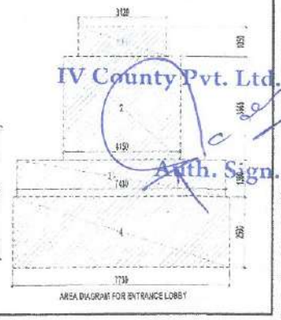


VISITOR'S TOILET

MAINTENANCE STORE

AREA CALCULATION TOWARDS 15% ADDITIONAL F.A.R AT GROUND FLOOR

AREA DIAGRAM FOR CIRCULATION FOR GROUND FLOOR



AREA DIAGRAM FOR ENTRANCE LOBBY

NO.OF PRINT	DATE	ISSUED TO	REMARKS
REVISION	DATE	DESCRIPTION	BY

GENERAL NOTES:
1. AIR RATIABLE ROOM TOILET, KITCHEN ETC. IF IT IS NOT NATURALLY VENTILATED HALL BE MECHANICALLY VENTILATED
2. FIRE RESISTANCE IS OF PARTITIONERS TYPE AS PER N.B.C

SCHEDULE OF OPENINGS

MARK	TYPE	WIDTH	HEIGHT	SILL	LINTEL	REMARKS
1	D1	1000	2100	-	2100	DRAWING ROOM
2	D2	750	2100	1200	2100	KITCHEN
3	D3	750	2100	-	2100	M.BEDROOM
4	D4	900	2100	-	2100	BEDROOM
5	D5	750	2100	-	2100	BEDROOM
6	D6	1000	2100	-	2100	BEDROOMS
7	D7	900	2100	-	2100	TOILET
8	W1	2400	1200	900	2100	BEDROOM
9	V1	750	675	1425	2100	TOILET
10	V2	600	675	1425	2100	TOILET
11	V3	750	675	1425	2100	TOILET

SCHEDULE OF OPENINGS FOR COMMON AREAS

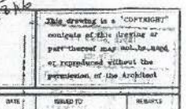
MARK	TYPE	WIDTH	HEIGHT	SILL	LINTEL	REMARKS
1	FD1	1200	2100	-	2100	FIRE DOOR
2	SW1	1200	1200	900	2100	FIRE STAIRCASE
3	SW2	1800	1200	900	2100	SHAFT WINDOW

AREA LEGEND:-

FAR AREA | COUNTED IN 15% FAR AREA

PLUMBING LEGEND

1	100Ø SOIL & VENT PIPE
2	100Ø WASTE & VENT PIPE
3	100Ø RAIN WATER PIPE
4	COLD WATER SUPPLY OR TAKE
5	80 Ø CW WASH PIPE FOR TANK
6	25 Ø RAIN WATER PIPE
FD	FLOOR DRAIN(WITH GRATING)
FT	FLOOR TRAP (100 x 75mm WITH GRATING)
BD	BALCONY DRAIN(WITH GRATING)
WB TO FT	100Ø WASTE PIPE
FD TO FT	50Ø WASTE PIPE
FT TO VERTICAL STACK	75Ø WASTE PIPE
WC TO VERTICAL STACK	100Ø SOIL PIPE



SUBMISSION DRAWING

CLIENT
IV COUNTY PVT. LTD.

PROJECT
Cleo County
PROPOSED GROUP HOUSING FOR IV COUNTY PVT. LTD. AT PLOT NO.-GH-05,SECTOR-121, NOIDA, U.P.

DATE	PROJECT MANAGER	CHECKED BY
24.07.2023	RAJENDRA SINGH	RAVINDRA SINGH
SCALE	DRAWN BY	APPROVED BY
1:100	SURESH MEHRA	VISHAL SHARMA

DRAWING TITLE
GROUND FLOOR PLAN
TOWER-C1,C3,C4,C6

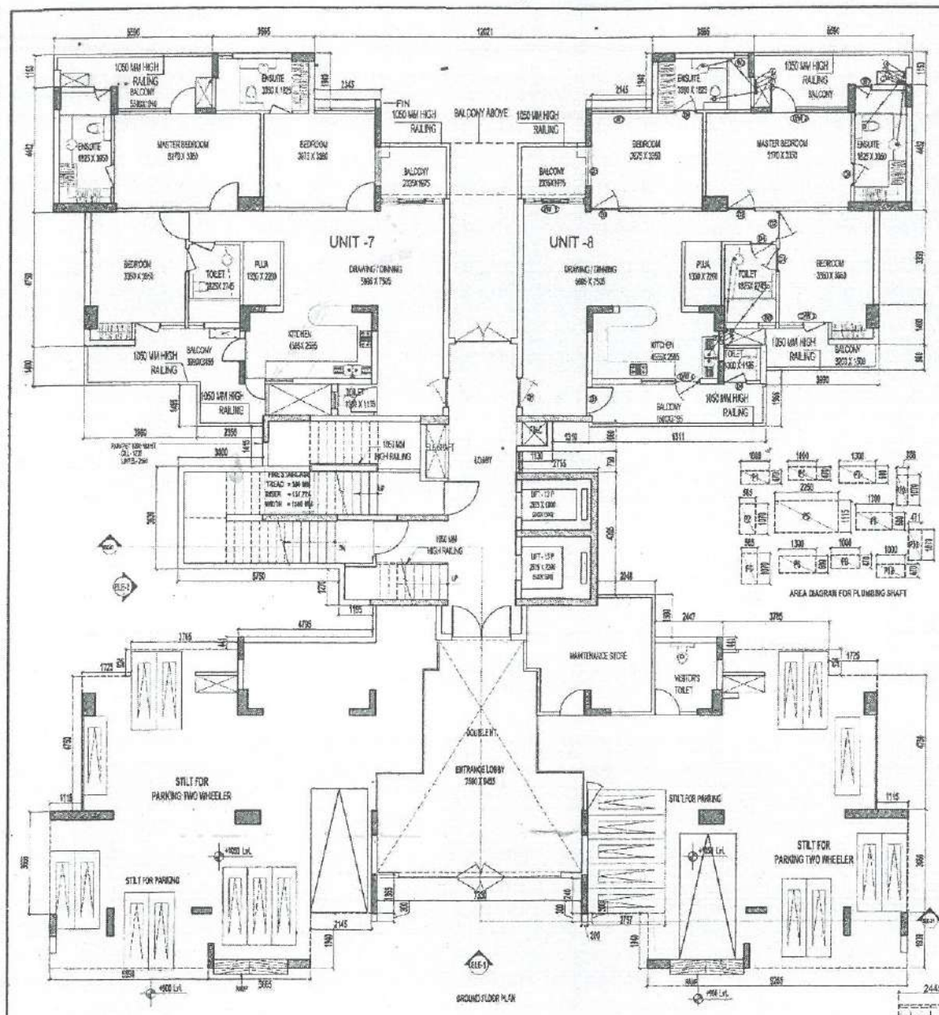
OWNER SIGN | ARCHITECT SIGN

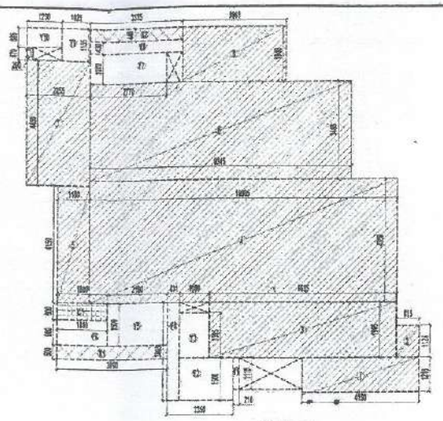
TOWN PLANNER SIGN

TOWN PLANNER

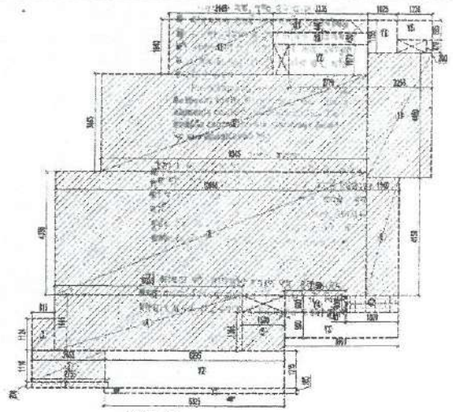
ARCHITECTS
Confluence

DRAWING NO.	REVISION NO.
S-026	R0





UNIT - 7



UNIT - 8

F.A.R. COVERED AREA CALCULATION FOR UNIT- 7

S.NO.	PARTICULARS						AREA (SQ.M)
COVERED AREA OF UNIT							
1		4.180	X	1.395	=		5.748
2		6.815	X	1.134	=		0.518
3		6.635	X	1.953	=		13.038
4		10.405	X	4.350	=		47.795
5		1.143	X	4.135	=		4.721
6		9.345	X	3.455	=		32.350
7		3.285	X	4.450	=		13.658
8		3.069	X	1.910	=		7.110
TOTAL AREA - (A)					=		121.041

F.A.R AREA OF BALCONY (B)= [X1+X2] / 4							
X1		2.295	X	0.500	=	1.695	
X2		3.328	X	0.440	=	1.467	
(X1+X2)					=	3.462	
TOTAL (B)							0.866

TOTAL F.A.R AREA FOR UNIT - 7 = F.A.R. AREA + (B) BALCONY AREA			
1	F.A.R AREA	=	121.041
2	(B) BALCONY AREA	=	0.866
TOTAL			121.907

NON F.A.R AREA OF BALCONY UNIT-7

Y1		0.230	X	1.119	=		0.257
Y2		3.300	X	1.890	=		3.735
Y3		1.955	X	1.395	=		1.736
Y4		3.195	X	0.431	=		1.435
Y5		2.130	X	1.809	=		3.383
Y6		1.930	X	0.909	=		1.620
Y7		2.170	X	1.878	=		2.899
Y8		0.939	X	0.439	=		1.434
Y9		1.605	X	1.315	=		1.143
Y10		1.230	X	0.695	=		0.643
Y11		0.200	X	0.470	=		0.094
TOTAL AREA®					=		18.340

COVERAGE AREA OF UNIT-7 = F.A.R. AREA + F.A.R AREA OF BALCONY + NON FAR AREA OF BALCONY				
1	F.A.R. AREA	=		121.041
2	F.A.R. AREA OF BALCONY	=		3.462
3	NON FAR AREA OF BALCONY	=		18.340
TOTAL				142.844

NON F.A.R AREA OF GROUND FLOOR

N1		6.736	X	0.500	=		3.365
N2		7.330	X	1.326	=		9.712
TOTAL AREA ©					=		13.077

F.A.R. COVERED AREA CALCULATION FOR CIRCULATION AT GROUND FLOOR

S.NO.	PARTICULARS						AREA(SQ.M)
A1		2.420	X	2.440	=		5.905
A2		1.130	X	1.060	=		1.198
A3		2.755	X	4.590	=		12.921
A4		2.620	X	6.500	=		17.030
A5		3.260	X	1.215	=		3.963
A6		2.550	X	3.207	=		8.176
A7		1.095	X	1.470	=		1.610
A8		0.200	X	1.270	=		0.254
A9		4.090	X	5.190	=		21.030
A10		7.330	X	0.400	=		2.932
ELECTRICAL SHAFT							
E1		0.685	X	1.885	=		1.291
TOTAL AREA (A)					=		76.285
AREA SUBTRACTION							
LIFT LOBBY							
LL1		2.820	X	4.080	=		11.350
TOTAL AREA (B)					=		11.350
TOTAL CIRCULATION AREA FOR GROUND FLOOR ..... (A)-(B)							64.935

DOUBLE HT.ENTRANCE LOBBY AREA CALCULATION

S.NO.	PARTICULARS						AREA(SQ.M)
1		2.120	X	1.050	=		3.276
2		4.150	X	3.885	=		15.210
3		7.430	X	1.300	=		9.659
4		7.730	X	2.500	=		19.325
TOTAL AREA							47.470

F.A.R. COVERED AREA CALCULATION FOR UNIT- 8

S.NO.	PARTICULARS						AREA (SQ.M)
COVERED AREA OF UNIT							
1		2.790	X	0.200	=		0.551
2		2.635	X	1.119	=		2.953
3		1.124	X	0.815	=		0.915
4		6.635	X	1.953	=		13.038
5		1.530	X	1.365	=		2.048
6		1.140	X	4.150	=		4.731
7		0.040	X	0.800	=		0.029
8		10.955	X	4.350	=		47.795
9		9.345	X	3.453	=		32.280
10		2.555	X	4.445	=		10.025
11		3.665	X	1.910	=		7.110
TOTAL AREA - (A)					=		121.569

F.A.R AREA OF BALCONY (B)= (X1) / 4							
X1		3.335	X	0.440	=	1.467	
(X1)					=	1.467	
TOTAL (B)							0.367

TOTAL F.A.R AREA FOR UNIT - 8 = F.A.R. AREA + (B) BALCONY AREA			
1	F.A.R AREA	=	121.569
2	(B) BALCONY AREA	=	0.367
TOTAL			121.936

NON F.A.R AREA OF BALCONY UNIT- 8

Y1		6.335	X	0.185	=		1.170
Y2		6.295	X	1.313	=		8.270
Y3		3.990	X	0.900	=		3.591
Y4		2.730	X	0.600	=		1.638
Y5		1.230	X	0.695	=		0.843
Y6		1.925	X	1.115	=		1.143
Y7		2.770	X	1.970	=		2.964
Y8		3.335	X	0.430	=		1.434
TOTAL AREA®					=		20.712

COVERAGE AREA OF UNIT- 8 = F.A.R. AREA + F.A.R AREA OF BALCONY + NON FAR AREA OF BALCONY			
1	F.A.R. AREA	=	121.569
2	F.A.R. AREA OF BALCONY	=	1.467
3	NON FAR AREA OF BALCONY	=	20.712
TOTAL			143.749

TOTAL F.A.R. AREA AT GROUND FLOOR

S.NO.	PARTICULARS						AREA(SQ.M)
FAR AREA OF UNIT-7	=	121.907	X	1	=		121.907
FAR AREA OF UNIT-8	=	121.936	X	1	=		121.936
FAR AREA OF CIRCULATION					=		64.935
FAR AREA OF ENTRANCE LOBBY					=		47.470
TOTAL F.A.R AREA					=		356.248

TOTAL GROUND COVERAGE AREA

S.NO.	PARTICULARS						AREA(SQ.M)
FAR AREA OF UNIT-7	=	134.949	X	1	=		134.949
FAR AREA OF BALCONY OF UNIT- 8	=	2.139	X	1	=		2.139
NON-FAR AREA OF BALCONY OF UNIT- 8	=	20.366	X	1	=		20.366
FAR AREA OF UNIT-8	=	130.060	X	1	=		130.060
FAR AREA OF BALCONY OF UNIT-8	=	2.139	X	1	=		2.139
NON-FAR AREA OF BALCONY OF UNIT-8	=	20.712	X	1	=		20.712
FAR AREA OF UNIT-7	=	121.041	X	1	=		121.041
FAR AREA OF BALCONY OF UNIT-7	=	3.462	X	1	=		3.462
NON-FAR AREA OF BALCONY OF UNIT-7	=	18.340	X	1	=		18.340
FAR AREA OF UNIT-8	=	121.569	X	1	=		121.569
FAR AREA OF BALCONY OF UNIT-8	=	1.467	X	1	=		1.467
NON-FAR AREA OF BALCONY OF UNIT-8	=	20.712	X	1	=		20.712
FAR AREA CIRCULATION FOR GROUND FLOOR					=		64.935
NON FAR AREA OF GROUND FLOOR	=				=		13.077
DUPLICATED AREA FOR TYPICAL FLOOR					=		4.320
15% ADDITIONAL F.A.R FOR GROUND FLOOR		FIRE STAIRCASE AREA			=		59.745
15% ADDITIONAL F.A.R FOR TYPICAL FLOOR		LIFT LOBBY			=		11.350
TOTAL COVERAGE AREA							747.013

TOTAL STILT AREA

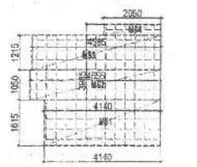
S.NO.	PARTICULARS						AREA(SQ.M)
GROUND COVERAGE AREA							747.013
Subtraction							
FAR AREA OF UNIT-7		121.041	X	1	=		121.041
FAR AREA OF BALCONY OF UNIT-7	=	3.462	X	1	=		3.462
NON-FAR AREA OF BALCONY OF UNIT-7	=	18.340	X	1	=		18.340
FAR AREA OF UNIT-8	=	121.569	X	1	=		121.569
FAR AREA OF BALCONY OF UNIT-8	=	1.467	X	1	=		1.467
NON FAR AREA OF BALCONY OF UNIT-8	=	20.712	X	1	=		20.712
FAR AREA CIRCULATION FOR GROUND FLOOR	=				=		64.935
15% ADDITIONAL F.A.R FOR GROUND FLOOR	=				=		27.991
ENTRANCE LOBBY	=				=		47.470
NON F.A.R AREA OF GROUND FLOOR	=				=		13.077
PLUMBING SHAFT AREA					=		9.155
TOTAL							498.589
TOTAL STILT AREA					=		248.424

PLUMBING SHAFT AREA CALCULATION

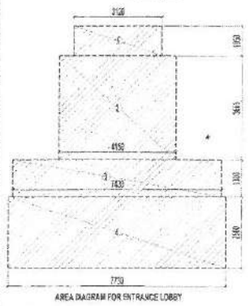
S.NO.	PARTICULARS						AREA(SQ.M)
P1		1.000	X	0.470	=		0.470
P2		0.565	X	1.670	=		0.955
P3		6.055	X	1.570	=		9.505
P4		1.000	X	0.470	=		0.470
P5		2.350	X	1.115	=		2.598
P6		1.300	X	0.605	=		0.780
P7		1.500	X	0.409	=		0.760
P8		1.800	X	0.910	=		0.780
P9		1.000	X	0.470	=		0.470
P10		5.395	X	1.670	=		9.013
P11		0.471	X	1.220	=		2.564
P12		1.220	X	0.470	=		3.696
TOTAL AREA					=		9.855

AREA CALCULATION TOWARDS 15% ADDITIONAL F.A.R AT GROUND FLOOR

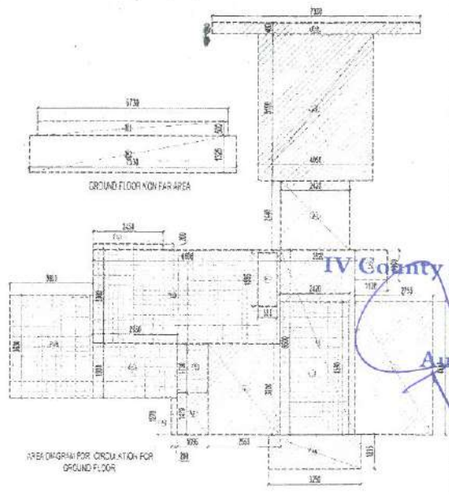
S.NO.	PARTICULARS						AREA (SQ.M)
FIRE STAIRCASE AREA							
ST1		1.135	X	0.800	=		6.080
ST2		9.437	X	5.170	=		41.573
ST3		1.211	X	1.985	=		2.310
ST4		3.281	X	1.820	=		5.337
ST5		1.800	X	4.350	=		12.476
TOTAL FIRE STAIRCASE AREA							69.883
LIFT LOBBY							
LL1		2.420	X	4.200	=		11.350
TOTAL LIFT LOBBY AREA							11.350
DUPLICATED							
DT	5	1.000	X	0.800	=		1.000
DT	4	1.600	X	1.795	=		7.180
TOTAL DUPLICATED AREA							7.180
MAINTENANCE STORE							
MS1		1.750	X	1.875	=		6.256
MS2		1.625	X	1.000	=		1.625
MS3		1.585	X	2.250	=		6.570
MS4		1.300	X	2.100	=		4.770
TOTAL MAINTENANCE STORE							17.824
VISITOR'S TOILET AREA							
VT1		1.440	X	2.100	=		4.760
TOTAL AREA (A)							4.760
TOTAL 15% AREA WITHOUT SUBTRACTION							79.058
AREA SUBTRACTION							
ELECTRICAL SHAFT							
E1		1.385	X	1.885	=		1.391
TOTAL AREA (B)							1.391
TOTAL 15% ADDITIONAL F.A.R AREA FOR GROUND FLOOR ...(A)-(B)							77.666



MAINTENANCE STORE



AREA DIAGRAM FOR ENTRANCE LOBBY



AREA DIAGRAM FOR CIRCULATION FOR GROUND FLOOR

GROUND FLOOR NON FAR AREA

NO. OF PRINT	DATE	ISSUED TO	REMARKS
REVISION	DATE	DESCRIPTION	BY

GENERAL NOTES:
1. ANY HABITABLE ROOM, TOILET, KITCHEN ETC. IS NOT NATURALLY VENTILATED.
2. VENTILATING WILL BE MECHANICALLY VENTILATED.
3. FIRE RETARDANT DOOR OF PRESSURIZING TYPE AS PER NBC.

Must be printed in colour Size

SCHEDULE OF OPENINGS

MARK	TYPE	WIDTH	HEIGHT	GRILL	LINTEL	REMARKS
1.	D1	2100	2100	-	2300	MAIN ENTRANCE DOOR
2.	D2	1220	2100	-	1320	BEDROOM
3.	D3	915	2100	-	1015	TOILET
4.	D4	1220	2100	-	1320	BEDROOM
5.	D5	915	2100	-	1015	TOILET
6.	D6	915	2100	-	1015	TOILET
7.	W1	2100	1200	W1	2100	BEDROOM
8.	W2	915	1200	W2	1015	BEDROOM
9.	W3	600	675	1225	1275	TOILET
10.	W4	1200	675	1225	1275	TOILET

SCHEDULE OF OPENINGS FOR COMMON AREAS

MARK	TYPE	WIDTH	HEIGHT	GRILL	LINTEL	REMARKS
1.	FD1	1200	2000		2300	
2.	SW1	1200	1200	2000	2300	FIRE STAIRCASE
3.	SW2	1200	1200	1225	1275	MAINTENANCE

AREA LEGEND

F.A.R AREA — COUBTED IN 15% F.A.R AREA

PLUMBING LEGEND

(1)	150Ø SOIL & VENT PIPE
(2)	100Ø WASTE & VENT PIPE
(3)	150Ø RAIN WATER PIPE
(4)	COLD WATER SUPPLY ON TAKE
(5)	40 Ø PVC PIPE TYPE TO OHT TANK
(6)	75 Ø RAIN WATER PIPE
FD	FLOOR DRAINWITH GRATING)
RT	FLOOR TRAP (100 x 25mm WITH GRATING)
BD	BALCONY DRAINWITH GRATING)
WB TO FT	300 WASTE PIPE
FD TO FT	500 WASTE PIPE
FT TO VERTICAL STACK	750 WASTE PIPE
WC TO VERTICAL STACK	1200 SOIL PIPE

SUBMISSION DRAWING

CLIENT
IV COUNTY PVT. LTD.

PROJECT
Cleo County
PROPOSED GROUP HOUSING FOR IV COUNTY PVT. LTD. AT PLOT NO.-04-05,SECTOR-121, NOIDA, U.P.

DATE	PROJECT INCHARGE	CHECKED BY
MAY 2019	RAVINDRA SINGH	JUSTIFIED BY ARCHITECTS
SCALE	DRAWN BY	APPROVED BY
1:100	SUBODH SHARMA	VISHAL SHARMA

DRAWING TITLE
GROUND FLOOR PLAN
TOWER-C2,C5

OWNER SIGN | ARCHITECT SIGN

TOWN PLANNER SIGN

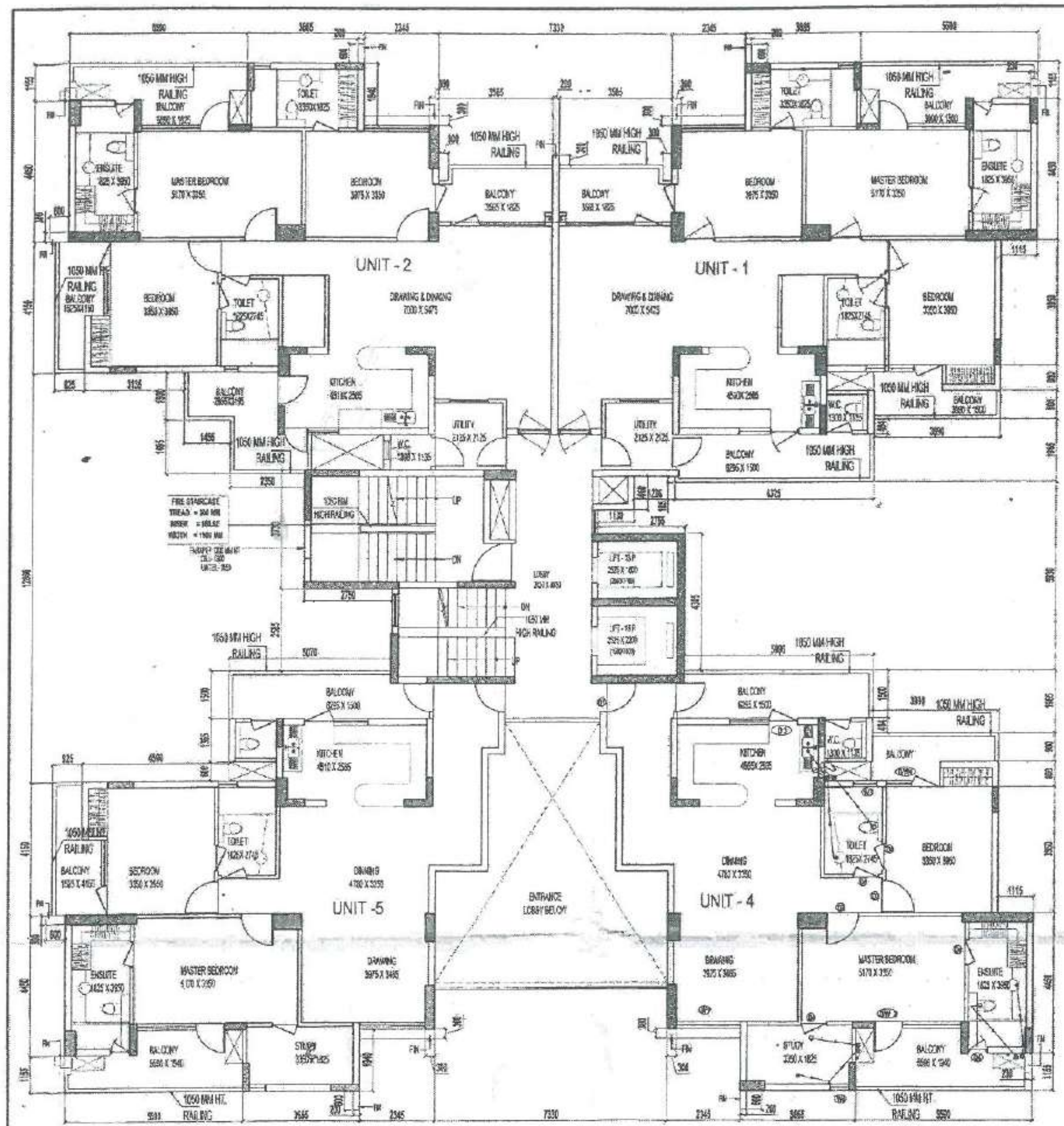
TOWN PLANNER

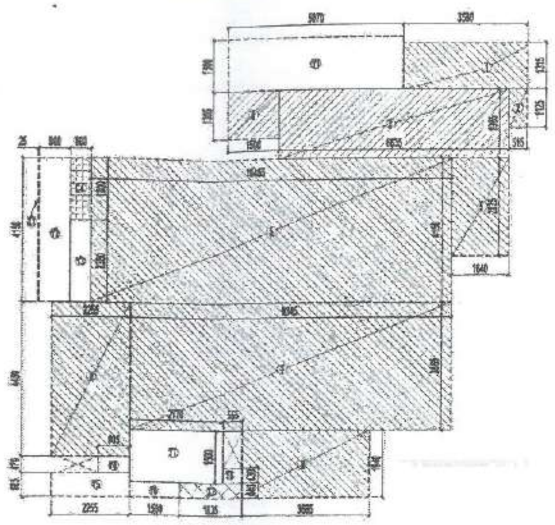
IV County Pvt. Ltd.
Auth. Sign.

CONSULTANTS
Confluence

DRAWING NO.	REVISION
S-034	R0

This drawing is available on www.ifas.org.in/users.com




UNIT - 5

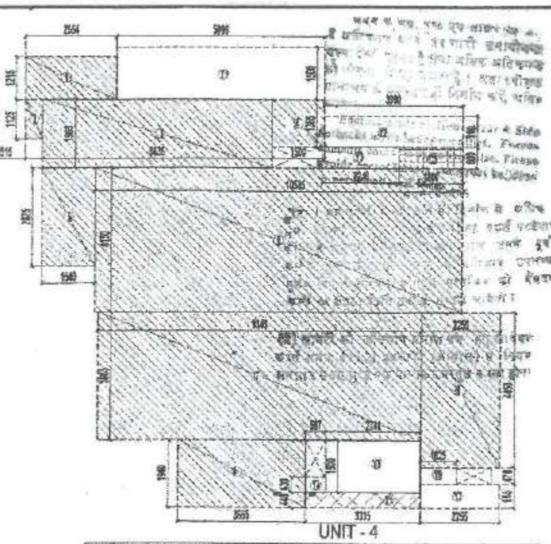
F.A.R. COVERED AREA CALCULATION FOR UNIT- 5							
S.NO.	PARTICULARS						AREA (SQ.M)
COVERED AREA OF UNIT							
1			5.520	X	1.315	=	4.705
2			0.615	X	4.125	=	4.576
3			9.835	X	1.966	=	19.335
4			1.500	X	1.290	=	2.546
5			1.640	X	2.828	=	4.593
6			10.465	X	4.180	=	43.415
7			6.345	X	3.085	=	30.349
8			2.255	X	4.450	=	10.035
9			3.855	X	1.940	=	7.591
TOTAL AREA - (A)						=	119.893

F.A.R AREA OF BALCONY (B) = (X1 + X2) / 4							
X1		4.650	X	0.440	=	0.104	
X2		1.835	X	0.440	=	0.807	
(X1 + X2)					=	0.911	
TOTAL (B)							0.228

TOTAL F.A.R AREA FOR UNIT - 5 = F.A.R AREA + (B) BALCONY AREA			
1	F.A.R AREA	=	119.893
2	(B) BALCONY AREA	=	0.228
TOTAL			120.121

NON F.A.R AREA OF BALCONY UNIT 5						
Y1		6.070	X	1.320	=	7.865
Y2		0.800	X	4.150	=	3.734
Y3		0.890	X	2.380	=	7.410
Y4		0.806	X	0.470	=	0.426
Y5		2.205	X	0.835	=	1.846
Y6		1.960	X	0.440	=	0.868
Y7		2.770	X	1.650	=	4.355
Y8		0.565	X	0.430	=	0.243
TOTAL AREA C					=	18.774

COVERAGE AREA OF UNIT - 5 = F.A.R AREA + 2 X F. A. R. AREA OF BALCONY + NON FAR AREA OF BALCONY			
1	F.A.R AREA	=	119.893
2	2 X F. A. R. AREA OF BALCONY	=	0.911
3	NON FAR AREA OF BALCONY	=	0.243
TOTAL			121.047


UNIT - 4

F.A.R. COVERED AREA CALCULATION FOR UNIT- 4							
S.NO.	PARTICULARS						AREA (SQ.M)
COVERED AREA OF UNIT							
1			2.564	X	1.215	=	3.225
2			0.615	X	1.125	=	0.579
3			8.835	X	1.568	=	14.033
4			1.500	X	1.365	=	2.045
5			1.540	X	2.835	=	4.351
6			10.560	X	4.150	=	43.824
7			9.345	X	3.663	=	34.245
8			2.255	X	4.450	=	10.035
9			3.665	X	1.940	=	7.110
TOTAL AREA - (A)						=	118.562

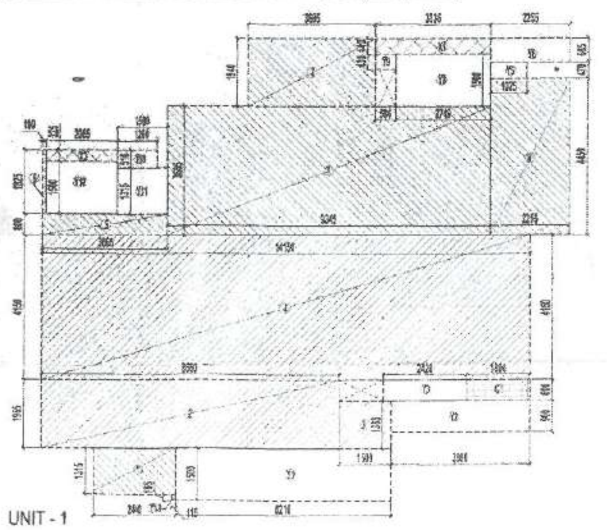
F.A.R AREA OF BALCONY (B) = (X1) / 4							
X1		3.335	X	0.440	=	1.467	
(X1)					=	1.467	
TOTAL (B)							0.367

TOTAL F.A.R AREA FOR UNIT - 4 = F.A.R AREA + (B) BALCONY AREA			
1	F.A.R AREA	=	118.562
2	(B) BALCONY AREA	=	0.367
TOTAL			118.929

NON F.A.R AREA OF BALCONY UNIT 4						
Y1		5.995	X	1.500	=	8.994
Y2		0.560	X	0.100	=	3.581
Y3		2.240	X	0.500	=	1.344
Y4		8.667	X	0.430	=	4.252
Y5		2.710	X	1.500	=	4.121
Y6		1.025	X	0.479	=	0.492
Y7		2.255	X	0.465	=	1.505
TOTAL AREA C					=	20.331

COVERAGE AREA OF UNIT - 4 = F.A.R AREA + 2X F. A. R. AREA OF BALCONY + NON FAR AREA OF BALCONY			
1	F.A.R AREA	=	118.562
2	2X F. A. R. AREA OF BALCONY	=	1.467
3	NON FAR AREA OF BALCONY	=	20.331
TOTAL			140.361

AREA CALCULATION TOWARDS 15% ADDITIONAL F.A.R AT FIRST FLOOR							
S.NO.	PARTICULARS						AREA (SQ.M)
FIRE STAIRCASE & ELECTRICAL SHAFT AREA							
FS1			1.505	X	6.200	=	6.365
FS2			5.630	X	3.800	=	25.590
FS3			8.790	X	0.700	=	6.129
TOTAL FIRE STAIRCASE AREA						=	22.983
LIFT WELL							
L1			2.525	X	1.800	=	4.545
L2			2.525	X	2.200	=	5.555
TOTAL LIFT WELL AREA						=	10.100
LIFT LOBBY							
LL1			2.420	X	4.690	=	11.350
TOTAL LIFT LOBBY AREA						=	11.350
CUPBOARDS							
C1			[illegible]	X	0.550	=	1.270
C2			1.800	X	0.430	=	1.286
C3			1.800	X	0.500	=	1.464
C4			1.800	X	0.600	=	1.314
TOTAL CUPBOARDS AREA						=	4.329
F.H.C SHAFT							
A			0.830	X	0.600	=	0.498
TOTAL F.H.C SHAFT AREA						=	0.800
TOTAL 15% ADDITIONAL F.A.R AREA WITH SUBTRACTION							49.473
AREA SUBTRACTION							
STAIRCASE CUTOUT							
X2			2.400	X	0.300	=	0.720
TOTAL STAIRCASE CUTOUT AREA						=	0.720
TOTAL 15% ADDITIONAL F.A.R AREA FOR FIRST FLOOR							48.753


UNIT - 1

F.A.R. COVERED AREA CALCULATION FOR UNIT- 1							
S.NO.	PARTICULARS						AREA (SQ.M)
COVERED AREA OF UNIT							
1			2.440	X	1.310	=	3.200
2			5.680	X	1.865	=	10.617
3			1.520	X	1.865	=	2.840
4			14.180	X	4.150	=	58.725
5			3.645	X	0.600	=	2.165
6			3.180	X	1.925	=	6.183
7			9.340	X	3.885	=	36.249
8			3.685	X	1.930	=	7.110
9			2.255	X	4.450	=	10.035
TOTAL AREA - (A)						=	134.771

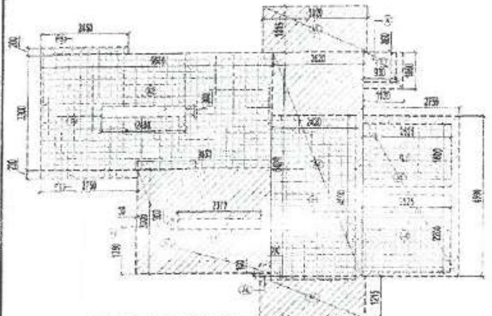
F.A.R AREA OF BALCONY (B) = (X1 + X2) / 4							
X1		3.275	X	0.440	=	1.467	
X2		2.035	X	0.326	=	0.671	
(X1+X2)					=	2.139	
TOTAL (B)							0.535

TOTAL F.A.R AREA FOR UNIT - 1 = F.A.R AREA + (B) BALCONY AREA			
1	F.A.R AREA	=	134.771
2	(B) BALCONY AREA	=	0.535
TOTAL			135.306

NON F.A.R AREA OF BALCONY UNIT 1						
Y1		6.260	X	1.500	=	9.390
Y2		3.990	X	0.900	=	3.591
Y3		2.420	X	0.600	=	1.452
Y5		1.335	X	0.478	=	0.482
Y6		2.256	X	0.600	=	1.543
Y6		2.748	X	1.500	=	4.124
Y8		0.548	X	0.400	=	0.782
Y10		1.220	X	0.510	=	0.612
Y11		1.520	X	1.350	=	1.779
Y12		2.488	X	1.500	=	3.732
Y13		0.515	X	0.150	=	0.077
TOTAL AREA 3					=	26.463

COVERAGE AREA OF UNIT - 1 = F.A.R AREA + 2X F. A. R. AREA OF BALCONY + NON FAR AREA OF BALCONY			
1	F.A.R AREA	=	134.771
2	2 X F. A. R. AREA OF BALCONY	=	2.139
3	NON FAR AREA OF BALCONY	=	26.463
TOTAL			163.373

TOTAL F.A.R. AREA AT FIRST FLOOR							
S.NO.		PARTICULARS					AREA(SQ.M)
FAR AREA OF UNIT- 1	=	135.306	X	1	=		135.306
FAR AREA OF UNIT- 2	=	135.139	X	1	=		135.139
FAR AREA OF UNIT- 4	=	118.929	X	1	=		118.929
FAR AREA OF UNIT- 5	=	120.121	X	1	=		120.121
FAR AREA OF CIRCULATION					=		22.138
TOTAL F.A.R AREA					=		531.632


AREA DIAGRAM FOR CIRCULATION FOR FIRST FLOOR

F.A.R. COVERED AREA CALCULATION FOR CIRCULATION AT FIRST FLOOR							
S.NO.	PARTICULARS						AREA(SQ.M)
A1			2.650	X	0.600	=	1.590
A2			2.755	X	4.690	=	12.921
A3			2.620	X	6.300	=	16.506
A4			3.850	X	3.030	=	11.650
A5			2.650	X	0.600	=	1.590
A6			0.200	X	0.860	=	0.172
TOTAL AREA ....(A)						=	44.329
AREA SUBTRACTION							
LIFT WELL							
L1			2.525	X	1.800	=	4.545
L2			2.525	X	2.200	=	5.555
LIFT LOBBY							
LL1			2.420	X	4.690	=	11.350
STAIRCASE CUTOUT							
X1			2.471	X	0.300	=	0.741
TOTAL AREA ....(B)						=	22.191
TOTAL CIRCULATION AREA FOR FIRST ....(A)-(B)							22.138

ST-289/923
5/6/14

NO. OF PRINT	DATE	ISSUED TO	REMARKS
REVISION	DATE	THE DESCRIPTION	

GENERAL NOTES:
1. ANY HABITABLE ROOM, TOILET, KITCHEN ETC. IF IT IS NOT NATURALLY VENTILATED WILL BE MECHANICALLY VENTILATED.
2. FIRE STAIRCASE IS OF PRESSURISED TYPE AS PER N.B.C.

SCHEDULE OF OPENINGS						
S.NO.	TYPE	WIDTH	HEIGHT	SILL	LINTEL	REMARKS
1.	DM1	[illegible]	[illegible]	-	[illegible]	[illegible]
2.	DM2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3.	DM3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4.	DM4	[illegible]	[illegible]	-	[illegible]	BEDROOM
5.	D1	[illegible]	[illegible]	-	[illegible]	ENTRANCE
6.	D2	[illegible]	[illegible]	-	[illegible]	BEDROOMS
7.	D3	[illegible]	[illegible]	-	[illegible]	TOILET
8.	W1	[illegible]	[illegible]	[illegible]	[illegible]	BEDROOM
9.	V1	[illegible]	[illegible]	[illegible]	[illegible]	TOILET
10.	V2	[illegible]	[illegible]	[illegible]	[illegible]	TOILET
11.	V3	[illegible]	[illegible]	[illegible]	[illegible]	TOILET

SCHEDULE OF OPENINGS FOR COMMON AREAS						
S.NO.	TYPE	WIDTH	HEIGHT	SILL	LINTEL	REMARKS
1.	FD1	[illegible]	[illegible]	-	[illegible]	FIRE RATED DOOR
2.	WF1	[illegible]	[illegible]	[illegible]	[illegible]	FIRE STAIRCASE
3.	WF2	[illegible]	[illegible]	[illegible]	[illegible]	MAIN STAIRCASE

F.A.R AREA
COUNTED IN 15% F.A.R AREA

PLUMBING LEGEND	
(1)	100Ø SOIL & VENT PIPE
(2)	100Ø WASTE & VENT PIPE
(3)	150Ø RAIN WATER PIPE
(4)	COLD WATER SUPPLY DN TAKE
(5)	80Ø GMS RISER PIPE TO O.H. TANK
(6)	75Ø RAIN WATER PIPE
FD	FLOOR DRAIN(WITH GRATING)
FT	FLOOR TRAP (100 x 75mm WITH GRATING)
BD	BALCONY DRAIN(WITH GRATING)
WB TO FT	32Ø WASTE PIPE
FD TO FT	50Ø WASTE PIPE
FT TO VERTICAL STACK	75Ø WASTE PIPE
WC TO VERTICAL STACK	100Ø SOIL PIPE

SUBMISSION DRAWING

CLIENT
IV COUNTY PVT. LTD.

PROJECT
Cleo County
PROPOSED GROUP HOUSING FOR IV COUNTY PVT. LTD. AT PLOT NO.-GH-06, SECTOR-121, NOIDA, U.P.

DATE	PROJECT INCHARGE	CHECKED BY
08.07.2015	RAVINDRA SINGH	RAVINDRA SINGH
SCALE	DRAWN BY	APPROVED BY
1:100	SUBODH SHARMA	VISHAL SHARMA

DRAWING TITLE
FIRST FLOOR PLAN
TOWER-C1,C3,C4,C6

OWNER SIGN | ARCHITECT SIGN

TOWN PLANNER SIGN

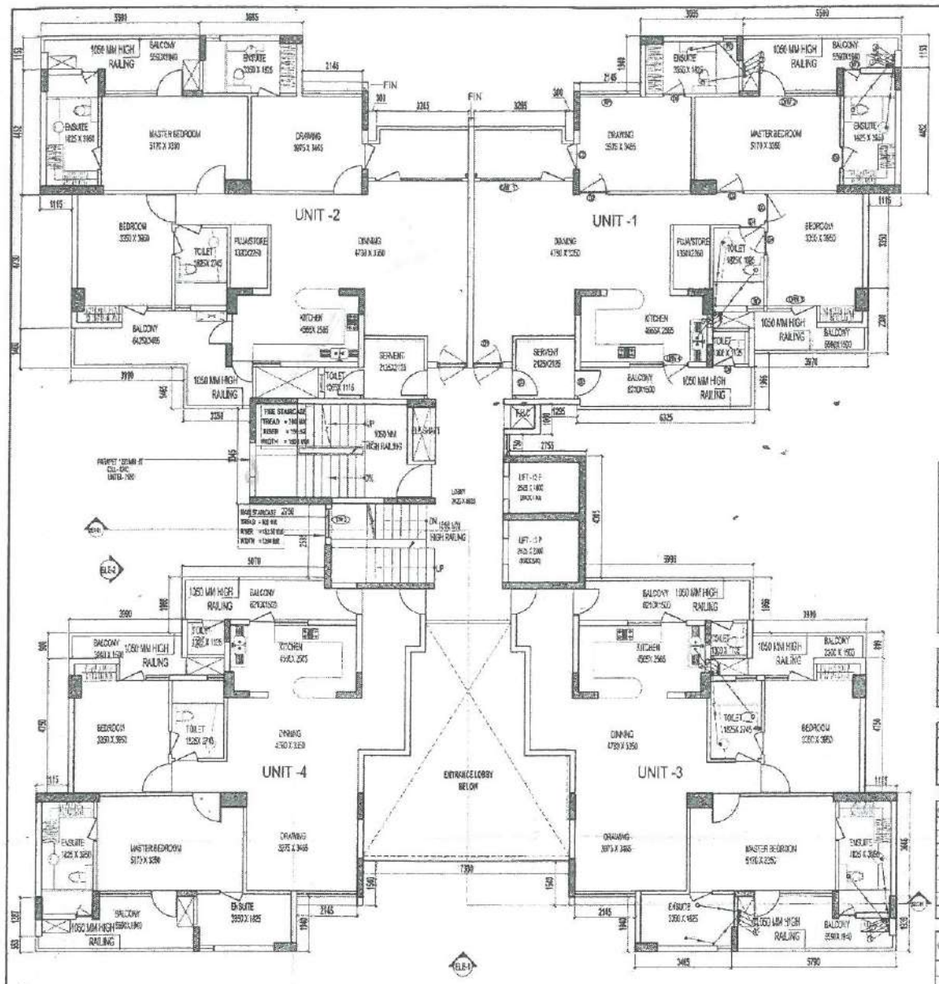
TOWN PLANNER

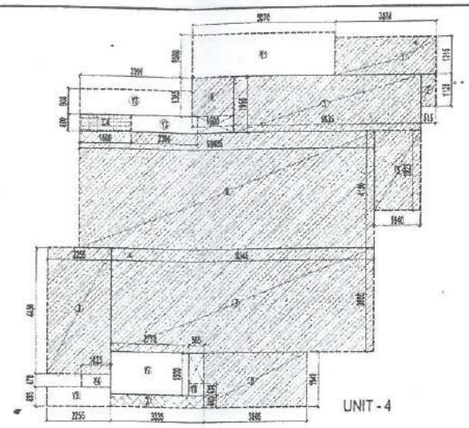
IV County Pvt. Ltd.
Auth. Sign.

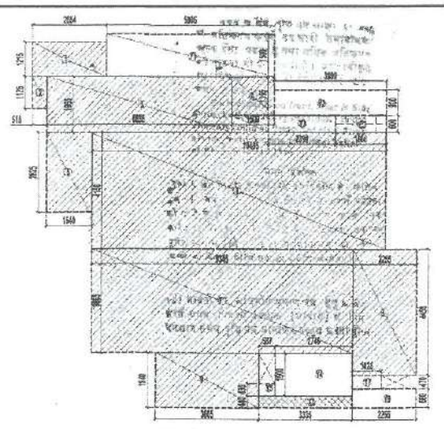
ARCHITECTS
Confluence

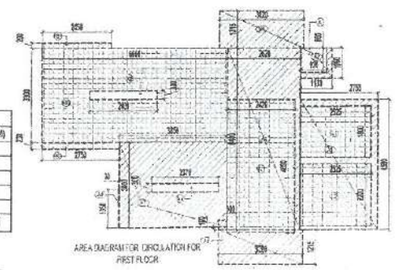
DRAWING NO.
S-027
REVISION
R0

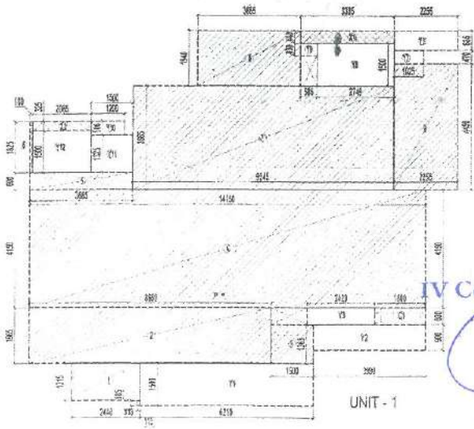
This drawing is available on www.cleo.inconfluence.com.











F.A.R. COVERED AREA CALCULATION FOR UNIT- 4

S.NO.	PARTICULARS						AREA (SQ.M)
COVERED AREA OF UNIT							
1		3.980	X	9.315	=		6.708
2		0.915	X	1.125	=		0.970
3		5.935	X	1.995	=		13.038
4		1.900	X	1.365	=		2.948
5		1.945	X	2.625	=		4.833
6		10.465	X	4.150	=		43.813
7		9.945	X	3.650	=		34.240
8		2.255	X	4.450	=		10.035
9		3.665	X	1.940	=		7.091
TOTAL AREA - (A)							119.893

F.A.R AREA OF BALCONY (B)=(X1) / 4							
X1		3.335	X	0.440	=	1.467	
(X1)						= 1.467	
TOTAL (B)							0.367

TOTAL F.A.R AREA FOR UNIT - 4 = F.A.R. AREA + (B) BALCONY AREA			
1	F.A.R. AREA	=	119.893
2	(B) BALCONY AREA	=	0.367
TOTAL			120.260

NON F.A.R. AREA OF BALCONY UNIT- 4							
Y1		2.670	X	1.000	=		2.585
Y2		3.090	X	0.800	=		4.591
Y3		2.090	X	0.900	=		1.434
Y4		1.020	X	0.470	=		0.482
Y5		5.250	X	0.585	=		1.546
Y7		2.270	X	1.530	=		4.155
Y9		0.566	X	0.430	=		0.243
TOTAL AREA B							19.054

COVERAGE AREA OF UNIT - 4 =(F.A.R AREA +2X F.A.R AREA OF BALCONY +NON FAR AREA OF BALCONY			
1	F.A.R AREA	=	119.893
2	2 X F.A.R AREA OF BALCONY	=	1.467
3	NON FAR AREA OF BALCONY	=	19.054
TOTAL			140.415

F.A.R. COVERED AREA CALCULATION FOR UNIT- 5

S.NO.	PARTICULARS						AREA (SQ.M)
COVERED AREA OF UNIT							
1		2.850	X	1.270	=		3.225
2		0.915	X	1.125	=		0.970
3		6.825	X	1.960	=		13.035
4		1.900	X	1.365	=		2.648
5		1.840	X	2.625	=		2.835
6		10.465	X	4.150	=		43.513
7		9.345	X	3.650	=		34.249
8		2.255	X	4.450	=		10.035
9		3.665	X	1.940	=		7.110
TOTAL AREA - (A)							118.429

F.A.R AREA OF BALCONY (B)=(X1) / 4							
X1		3.335	X	0.440	=	1.467	
(X1)						= 1.467	
TOTAL (B)							0.367

TOTAL F.A.R AREA FOR UNIT - 5 = F.A.R. AREA + (B) BALCONY AREA			
1	F.A.R. AREA	=	118.429
2	(B) BALCONY AREA	=	0.367
TOTAL			118.796

NON F.A.R AREA OF BALCONY UNIT- 5							
Y1		8.395	X	1.000	=		8.954
Y2		3.990	X	0.900	=		3.591
Y3		2.490	X	0.900	=		1.434
Y4		2.740	X	1.900	=		4.324
Y5		0.967	X	0.430	=		0.282
Y7		1.920	X	0.470	=		0.482
Y8		2.250	X	0.880	=		1.353
TOTAL AREA B							20.410

COVERAGE AREA OF UNIT - 5 =(F.A.R AREA +2X F.A.R AREA OF BALCONY + NON FAR AREA OF BALCONY			
1	F.A.R AREA	=	118.429
2	2 X F.A.R AREA OF BALCONY	=	1.467
3	NON FAR AREA OF BALCONY	=	20.410
TOTAL			140.307

F.A.R. COVERED AREA CALCULATION FOR UNIT- 1

S.NO.	PARTICULARS						AREA (SQ.M)
COVERED AREA OF UNIT							
1		2.480	X	1.215	=		3.013
2		4.580	X	1.395	=		6.389
3		1.500	X	1.365	=		2.048
4		14.150	X	4.150	=		58.723
5		3.085	X	2.625	=		8.096
6		6.150	X	1.895	=		11.657
7		9.345	X	3.650	=		34.249
8		3.665	X	1.940	=		7.110
9		2.255	X	4.450	=		10.035
TOTAL AREA - (A)							134.771

F.A.R AREA OF BALCONY (B)=(X1 + X2) / 4							
X1		3.335	X	0.440	=	1.467	
X2		2.060	X	0.335	=	0.672	
(X1+X2)						= 2.139	
TOTAL (B)							0.535

TOTAL F.A.R AREA FOR UNIT - 1 = F.A.R. AREA + (B) BALCONY AREA			
1	F.A.R. AREA	=	134.771
2	(B) BALCONY AREA	=	0.535
TOTAL			135.306

NON F.A.R AREA OF BALCONY UNIT- 1							
Y1		2.670	X	1.000	=		2.585
Y2		3.090	X	0.900	=		4.591
Y3		2.090	X	0.900	=		1.434
Y4		1.020	X	0.470	=		0.482
Y5		5.250	X	0.585	=		1.546
Y7		2.270	X	1.530	=		4.155
Y8		0.566	X	0.430	=		0.243
Y9		3.110	X	1.900	=		5.909
Y10		2.090	X	1.900	=		3.971
Y11		1.120	X	2.800	=		3.136
Y12		3.140	X	1.900	=		5.966
Y13		0.500	X	1.000	=		0.500
Y14		1.120	X	1.900	=		2.128
Y15		1.110	X	1.900	=		2.109
Y16		2.220	X	1.900	=		4.218
TOTAL AREA D							26.465

COVERAGE AREA OF UNIT - 1 =(F.A.R. AREA +2X F.A.R. AREA OF BALCONY + NON FAR AREA OF BALCONY			
1	F.A.R. AREA	=	134.771
2	2 X F.A.R AREA OF BALCONY	=	2.139
3	NON FAR AREA OF BALCONY	=	26.465
TOTAL			163.376

TOTAL F.A.R. AREA AT FIRST FLOOR

S.NO.	PARTICULARS						AREA(S.Q.M)
FAR AREA OF UNIT-1		=	135.306	X	1	=	135.306
FAR AREA OF UNIT-2		=	135.486	X	1	=	135.486
FAR AREA OF UNIT-3		=	118.796	X	1	=	118.796
FAR AREA OF UNIT-4		=	120.260	X	1	=	120.260
FAR AREA OF CIRCULATION						=	27.712
TOTAL F.A.R AREA						=	537.561

AREA CALCULATION TOWARDS 10% ADDITIONAL F.A.R AT FIRST FLOOR

S.NO	PARTICULARS							AREA (SQ.M)
TOILET AREAS & ELECTRICAL SHAFT AREA								
TA1			10%	X	4.291	=		0.429
TA2			4.93	X	3.140	=		15.479
TA3			3.790	X	4.220	=		15.994
TOTAL TOILET AREA							=	31.903
LIFT WELL								
L1			2.525	X	1.900	=		4.795
L2			2.925	X	2.300	=		6.725
TOTAL LIFT WELL AREA								11.520
LEFT LOBBY								
LL1			2.420	X	4.630	=		11.204
TOTAL LIFT LOBBY AREA								11.204
CUPBOARDS								
C1	1	X	1.500	X	0.230	=		0.345
C2	1	X	1.500	X	0.230	=		0.345
C3	1	X	1.500	X	0.230	=		0.345
C4	1	X	1.800	X	0.910	=		1.638
TOTAL CUPBOARD AREA								3.120
R.C.C SHAFT								
S1			3.500	X	2.500	=		8.750
TOTAL SHAFT AREA								8.750
TOTAL TOILET+LIFT+LOBBY+SHAFT AREA WITH SUBTRACTION								66.473
AREA SUBTRACTION								
STAIRCASE CUT OUT								
S1			2.400	X	3.300	=		7.920
TOTAL STAIRCASE CUT OUT AREA								8.750
TOTAL 10% ADDITIONAL F.A.R AREA FOR FIRST FLOOR								48.753

F.A.R. COVERED AREA CALCULATION FOR CIRCULATION AT FIRST FLOOR

S.NO.	PARTICULARS						AREA(S.Q.M)
A1		3.020	X	1.315	=		3.971
A2		1.135	X	1.360	=		1.158
A3		3.755	X	4.320	=		12.615
A4		2.970	X	3.400	=		10.098
A5		3.020	X	1.215	=		3.669
A6		0.870	X	0.150	=		0.009
A7		3.800	X	3.360	=		11.500
A8		0.930	X	1.350	=		9.541
TOTAL AREA (A)						=	49.972
AREA SUBTRACTION							
LIFT WELL							
L1		2.525	X	1.900	=		4.545
L2		2.925	X	2.300	=		5.355
LIFT LOBBY							
LL1		2.420	X	4.630	=		11.350
STAIRCASE CUT OUT							
X1		2.375	X	3.300	=		7.711
TOTAL AREA (B)						=	22.181
TOTAL CIRCULATION AREA FIRST FLOOR (A)-(B)							27.712

NO. OF PRINT	DATE	ISSUED TO	REMARKS
REVISION	DATE	DESCRIPTION	BY

GENERAL NOTES:
1. ANY HABITABLE ROOM, TOILET, KITCHEN ETC. IS TO BE NATURALLY VENTILATION WILL BE MECHANICALLY PROVIDED.
2. FIRE STAIRCASES IS OF PRESSURISED TYPE AS PER N.B.C.

SCHEDULE OF OPENINGS

S.NO.	TYPE	WIDTH	HEIGHT	NO.	LINTEL	REMARKS
1.	D1	1050	2100	1	2250	MASTER BEDROOM
2.	D2	0750	2100	1	2250	ALL BEDROOM
3.	SD	1950	2300	-	2500	ENTRANCE
4.	SD	1000	2250	-	2500	ALL BEDROOM
5.	D3	0900	2250	-	2500	BEDROOMS
6.	D4	0750	2250	-	2500	TOILET
7.	D11	2100	2550	2	2650	BEDROOM
8.	D12	1170	1650	2	2350	BEDROOM
9.	D13	1070	875	1	1200	TOILET
10.	D14	1050	875	1	1200	TOILET

SCHEDULE OF OPENINGS FOR COMMON AREAS

S.NO.	TYPE	WIDTH	HEIGHT	CILL	LINTEL	REMARKS
1.	FD1	1200	2200	-	2350	-
2.	D11	1500	2100	150	2250	FIRE STAIRCASE
3.	D12	1050	2250	150	2250	MAIN STAIRCASE

AREA LEGEND

F.A.R AREA | COMMON 15% F.A.R AREA

PLUMBING LEGEND

1	100ø SOIL & VENT PIPE
2	100ø WASTE & VENT PIPE
3	150ø RAIN WATER PIPE
4	COLD WATER SUPPLY ON TAKE
5	40ø CPVC AREA PIPE TO FLAT 2 NOS.
6	75 ø MAIN WATER PIPE
FD	FLOOR DRAIN WITH GRATING
FT	FLOOR TRAP (100 x 75MM WITH GRATING)
BD	BALCONY DRAIN WITH GRATING
WB TO FD	32ø WASTE PIPE
FD TO FT	50ø WASTE PIPE
FT TO VERTICAL STACK	75ø WASTE PIPE
WC TO VERTICAL STACK	100ø SOIL PIPE

SUBMISSION DRAWING

CLIENT: IV COUNTY PVT. LTD.

PROJECT: Cleo County

PROPOSED GROUP HOUSING FOR IV COUNTY PVT. LTD. AT PLOT NO.-GH-05, SECTOR - 121, NOIDA, U.P.

DATE	PROJECT INCHARGE	CHECKED BY
31.07.2019	RAVINDRA SINGH	RAVINDRA SINGH
SCALE	DRAWN BY	APPROVED BY
NONE	SUBODH SHARMA	TOWN PLANNER

DRAWING TITLE: FIRST FLOOR PLAN

TOWER-C2,C5

OWNER SIGN | ARCHITECT SIGN

TOWN PLANNER SIGN.

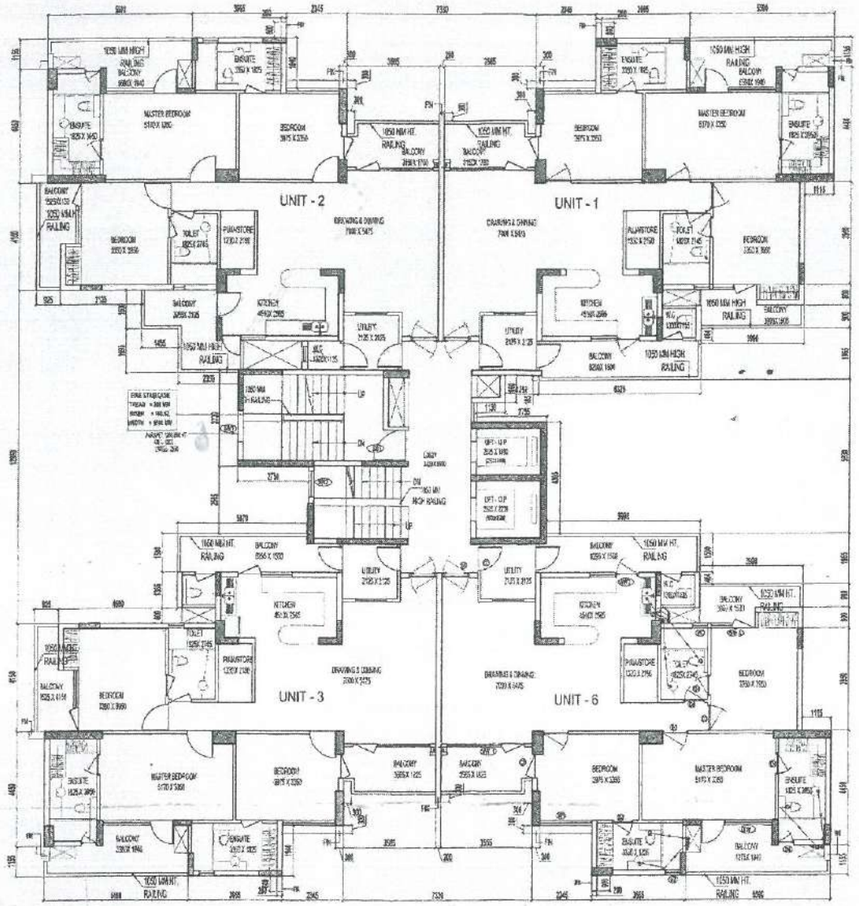
TOWN PLANNER

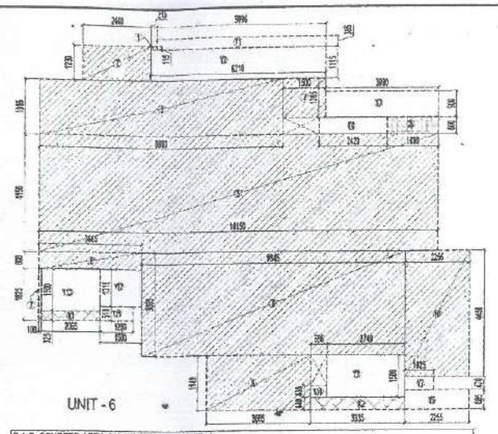
IV County Pvt. Ltd.

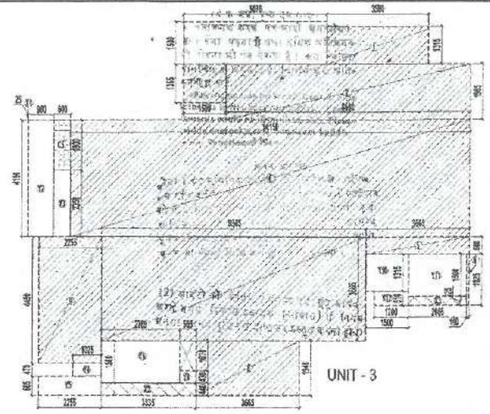
Auth. Sign.

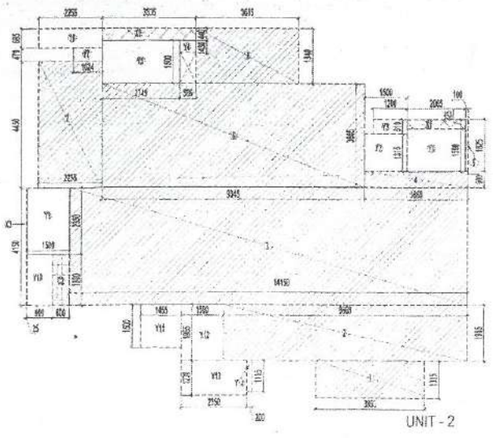
ARCHITECTS: Confluence

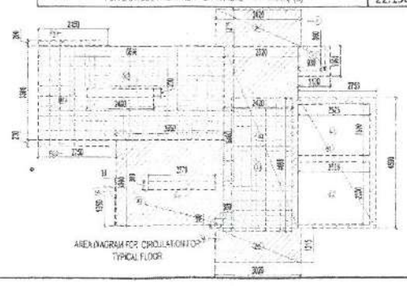
DRAWING NO	REVISION
S-035	R0











NO. OF HOUSE	DATE	ISSUED TO	SIGNATURE

REVISION	DATE	DESCRIPTION	BY

GENERAL NOTES:
1. ANY MARBLE/GRANITE ROOM, TOILET, KITCHEN ETC. IF TO BE LAID NATURALLY VENTILATED SHALL BE MECHANICALLY VENTILATED.
2. RISE, STAIRCASE, IS OF PASSENGER TYPE AS PER KBR.

SCHEDULE OF OPENINGS

S.NO.	TYPE	WIDTH	HEIGHT	NO.	SILL	DESCRIPTION
1	W1	1800	1200	1	900	DRAWING ROOM
2	W2	1200	1200	1	1200	KITCHEN
3	W3	1800	1200	1	1200	M. BEDROOM
4	W4	1800	1200	1	1200	BEDROOM
5	D1	1000	2100	1	150	BATHROOM
6	D2	1000	2100	1	150	BATHROOM
7	D3	800	2100	1	150	TOILET
8	W1	1200	1200	1	900	DRAWING
9	D1	1000	2100	1	150	TOILET
10	D2	1000	2100	1	150	TOILET
11	D3	800	2100	1	150	TOILET

SCHEDULE OF OPENINGS FOR COURT/OPEN AREAS

S.NO.	TYPE	WIDTH	HEIGHT	SILL	LOCATION	REMARKS
1	F01	1200	1200	-	2ND	FIRE RATED DOOR
2	W01	1200	1200	900	2ND	FIRE STAIRCASE
3	OP2	1800	1200	900	2ND	FIRE STAIRCASE

F.A.R. AREA | COUNTED IN F.A.R. AREA

PLUMBING LEGEND

1	100Ø SOIL & VENT PIPE
2	100Ø WASTE & VENT PIPE
	150Ø RAIN WATER PIPE
4	COLD WATER SUPPLY ON TANK
5	80 Ø GI RISER PIPE TO O.H. TANK
6	25 Ø RAIN WATER PIPE
FD	FLOOR DRAIN WITH GRATING
FT	FLOOR TRAP (100 x 75mm WITH GRATING)
BD	BALCONY DRAIN WITH GRATING
WS TO FT	32Ø WASTE PIPE
FD TO FT	50Ø WASTE PIPE
FT TO VERTICAL STACK	75Ø WASTE PIPE
WS TO VERTICAL STACK	100Ø SOIL PIPE

SUBMISSION DRAWING

CLIENT
IV COUNTY PVT. LTD.

PROJECT
Cleo County
PROPOSED GROUP HOUSING FOR IV COUNTY PVT. LTD. AT PLOT NO.-GH-05,SECTOR-121, NOIDA, U.P.

DATE	PROJECT INCHARGE	CHECKED BY
04.07.2023	ARCHITECTURAL SERVICES	ARCHITECTURAL SERVICES
SCALE	DRAWN BY	APPROVED BY
1:100	SUDESH SHARMA	VISHAL SHARMA

DRAWING TITLE
TYPICAL FLOOR PLAN
TOWER-C1,C3,C4,C6

OWNER SIGN | ARCHITECT SIGN

TOWN PLANNER SIGN

TOWN PLANNER

IV County Pvt. Ltd.
Auth. Sign.

ARCHITECT

Confluence

DRAWING NO.	REVISION
S-028	R0

This drawing is available on www.files.confluence.com

F.A.R. COVERED AREA CALCULATION FOR UNIT - 6

S.NO.	PARTICULARS						AREA (SQ.M)
COVERED AREA OF UNIT							
1			6.215	X	0.735	=	4.568
2			2.649	X	1.335	=	3.551
3			8.890	X	1.956	=	17.017
4			1.500	X	1.395	=	2.048
5			14.150	X	4.150	=	58.723
6			3.669	X	0.600	=	2.199
7			0.100	X	1.925	=	0.193
8			6.249	X	3.856	=	24.240
9			3.665	X	1.940	=	7.110
10			2.255	X	0.450	=	10.035
	TOTAL AREA - (A)					=	134.580

F.A.R AREA OF BALCONY (B)= (X1+ X2) / 4

X1			2.255	X	3.325	=	0.831
X2			3.335	X	0.440	=	1.467
		(X1+X2)				=	2.139
TOTAL (B)							0.535

TOTAL F.A.R AREA FOR UNIT - 6 = F.A.R. AREA + (B) BALCONY AREA

1	F.A.R AREA			=	134.580
2	(B) BALCONY AREA			=	0.535
TOTAL					135.123

NON F.A.R AREA OF BALCONY UNITS-6

Y1			5.908	X	0.345	=	2.369
Y2			8.230	X	1.119	=	9.904
Y3			3.602	X	0.993	=	3.591
Y4			2.420	X	0.603	=	1.457
Y5			2.235	X	0.945	=	2.045
Y7			1.695	X	0.479	=	0.462
Y9			2.749	X	1.500	=	4.124
Y10			0.586	X	0.430	=	0.252
Y11			1.230	X	0.519	=	0.612
Y12			1.800	X	1.318	=	1.973
Y13			2.083	X	1.500	=	3.064
TOTAL AREA-©						=	26.300

COVERAGE AREA OF UNIT - 6 = F.A.R. AREA +2X F.A.R. AREA OF BALCONY + NON FAR AREA OF BALCONY

1	F.A.R. AREA	=	134.580
2	2 X F.A.R. AREA OF BALCONY	=	2.139
3	NON FAR AREA OF BALCONY	=	28.360
TOTAL			193.087

F.A.R. COVERED AREA CALCULATION FOR UNIT - 3

S.NO.	PARTICULARS						AREA (SQ.M)
COVERED AREA OF UNIT							
1			3.520	X	1.315	=	4.708
2			8.650	X	1.965	=	17.007
3			1.500	X	1.365	=	2.048
4			14.150	X	4.150	=	58.723
5			3.669	X	0.600	=	2.199
6			0.100	X	1.925	=	0.193
7			9.249	X	3.856	=	24.240
8			3.665	X	1.940	=	7.110
9			2.255	X	0.450	=	10.035
	TOTAL AREA - (A)					=	138.270

F.A.R AREA OF BALCONY (B)= (X1 + X2 + X3) / 4

X1			0.925	X	4.150	=	3.934
X2			3.335	X	0.440	=	1.467
X3			2.069	X	0.925	=	0.67
		(X1+X2+ X3)				=	2.242
TOTAL (B)							0.561

TOTAL F.A.R AREA FOR UNIT - 3 = F.A.R. AREA + (B) BALCONY AREA

1	F.A.R AREA			=	136.270
2	(B) BALCONY AREA			=	0.561
TOTAL					136.831

NON F.A.R AREA OF BALCONY UNIT- 3

Y1			5.276	X	1.300	=	7.625
Y2			0.908	X	4.150	=	3.736
Y3			8.000	X	2.350	=	1.410
Y4			1.525	X	0.470	=	0.452
Y5			2.350	X	0.585	=	1.545
Y6			2.289	X	1.500	=	4.134
Y8			0.585	X	0.430	=	0.243
Y10			1.500	X	1.315	=	1.973
Y11			3.066	X	1.500	=	3.088
Y13			1.200	X	0.510	=	0.612
TOTAL AREA-©						=	24.855

COVERAGE AREA OF UNIT - 3 = F.A.R. AREA +2X F.A.R. AREA OF BALCONY + NON FAR AREA OF BALCONY

1	F.A.R AREA	=	136.270
2	2 X F.A.R. AREA OF BALCONY	=	2.242
3	NON FAR AREA OF BALCONY	=	24.855
TOTAL			163.368

TOTAL F.A.R. AREA AT TYPICAL FLOOR

S.NO.	PARTICULARS						AREA(SQ.M)
F.A.R AREA OF UNIT-1		=	121.645	X	1	=	121.645
F.A.R AREA OF UNIT-2		=	121.936	X	1	=	121.936
F.A.R AREA OF UNIT-3		=	136.831	X	1	=	136.831
F.A.R AREA OF UNIT-6		=	135.123	X	1	=	135.123
FAR AREA OF CIRCULATION						=	22.736
TOTAL F.A.R AREA						=	537.273

F.A.R. COVERED AREA CALCULATION FOR UNIT - 2

S.NO.	PARTICULARS						AREA (SQ.M)
COVERED AREA OF UNIT							
1			3.690	X	1.315	=	4.850
2			8.650	X	1.965	=	17.007
3			14.150	X	4.150	=	58.723
4			1.500	X	1.365	=	2.048
5			9.520	X	1.925	=	18.322
6			9.385	X	3.856	=	36.189
7			9.255	X	4.456	=	19.936
8			3.665	X	1.940	=	7.110
	TOTAL AREA - (A)					=	134.578

F.A.R AREA OF BALCONY (B)= (X1 + X2 + X3) / 4

X1			2.005	X	3.326	=	0.871
X2			3.335	X	0.440	=	1.467
X3			2.069	X	0.925	=	0.534
		(X1+X2+X3)				=	2.242
TOTAL (B)							0.561

TOTAL F.A.R AREA FOR UNIT - 2 = F.A.R. AREA + (B) BALCONY AREA

1	F.A.R AREA	=	134.578
2	(B) BALCONY AREA	=	0.561
TOTAL			135.136

NON F.A.R AREA OF BALCONY UNIT- 2

Y1			5.908	X	0.345	=	2.369
Y2			8.230	X	1.119	=	9.904
Y3			3.602	X	0.993	=	3.591
Y4			2.420	X	0.603	=	1.457
Y5			2.749	X	1.500	=	4.124
Y6			1.695	X	0.479	=	0.812
Y7			2.235	X	0.945	=	2.112
Y8			0.586	X	0.430	=	0.252
Y11			1.230	X	0.519	=	0.638
Y12			1.800	X	1.318	=	2.373
Y13			2.083	X	1.500	=	3.125
TOTAL AREA-©						=	25.451

COVERAGE AREA OF UNIT - 2 = F.A.R. AREA +2X F.A.R. AREA OF BALCONY + NON FAR AREA OF BALCONY

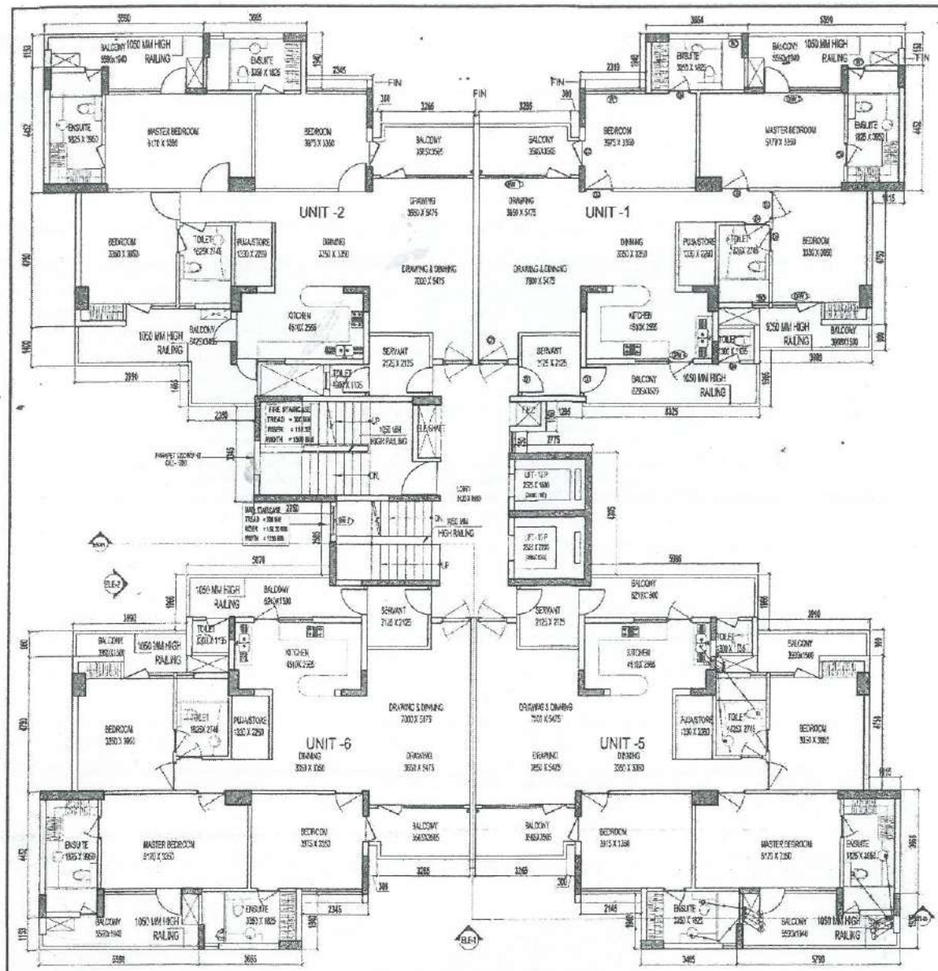
1	F.A.R AREA	=	134.578
2	2 X F.A.R. AREA OF BALCONY	=	2.242
3	NON FAR AREA OF BALCONY	=	25.451
TOTAL			162.272

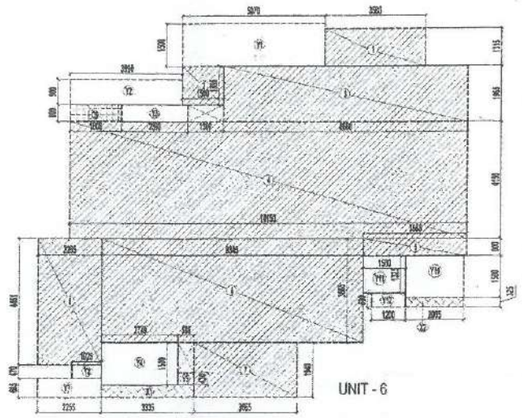
F.A.R. COVERED AREA CALCULATION FOR CIRCULATION AT TYPICAL FLOOR

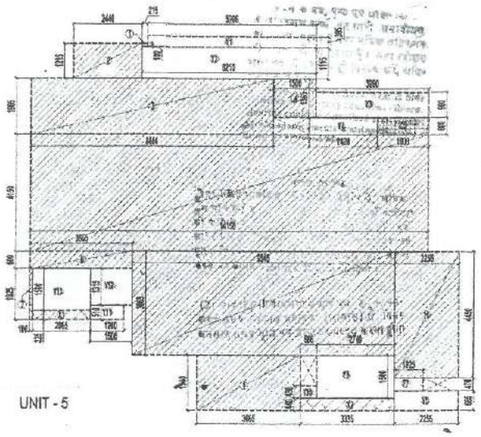
S.NO.	PARTICULARS						AREA(S.Q.M)
A1			2.650	X	0.600	=	1.590
A2			1.265	X	4.690	=	17.931
A3			2.650	X	6.300	=	16.695
A4			2.950	X	3.300	=	11.682
A5			2.650	X	0.700	=	1.855
A6			0.200	X	0.100	=	0.172
TOTAL AREA		(A)				=	44.329
AREA SUBTRACTION							
LIFT WELL							
L1			2.520	X	1.600	=	4.848
L2			5.295	X	2.200	=	5.535
LIFT LOBBY							
L1			7.350	X	4.660	=	11.350
STAIRCASE CUTOUT							
X1			3.341	X	0.200	=	0.741
TOTAL AREA		(B)				=	22.191
TOTAL CIRCULATION AREA FOR TYPICAL					(A)-(B)	=	22.138

AREA CALCULATION TOWARDS 15% ADDITIONAL F.A.R AT TYPICAL FLOOR

S.NO.	PARTICULARS						AREA (S.Q.M)
FIRE STAIRCASE & ELECTRICAL SHAFT AREA							
FS1			1.575	X	0.200	=	0.315
FS2			6.530	X	3.309	=	21.879
FS3			2.780	X	0.230	=	0.639
TOTAL FIRE STAIRECASE AREA						=	22.903
LIFT LOBBY							
LL1			2.520	X	4.690	=	11.350
TOTAL LIFT LOBBY AREA						=	11.350
CUPBOARDS							
C1	1	X	1.800	X	0.600	=	1.080
C2	1	X	1.800	X	0.600	=	1.080
C3	1	X	1.800	X	0.600	=	1.080
C6	1	X	1.800	X	0.600	=	1.080
TOTAL CUPBOARDS AREA						=	4.320
F.H.C SHAFT							
A			0.800	X	0.850	=	0.800
TOTAL F.H.C SHAFT AREA						=	0.800
TOTAL 15% ADDITIONAL F.A.R AREA (WITH SUBTRACTION)							39.373
AREA SUBTRACTION							
STAIRCASE CUTOUT							
X2	1	X	2.400	X	0.300	=	0.720
TOTAL STAIRCASE CUTOUT AREA						=	0.720
TOTAL 15% ADDITIONAL F.A.R AREA FOR TYPICAL FLOOR							38.653



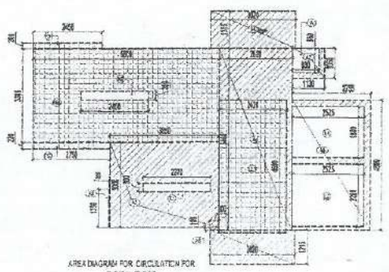




TOTAL F.A.R. AREA AT TYPICAL FLOOR						
S.NO.	PARTICULARS					AREA(SQ.M)
FAR AREA OF UNIT-1	=	135.306	X	1	=	135.306
FAR AREA OF UNIT-2	=	135.488	X	1	=	135.488
FAR AREA OF UNIT-5	=	135.083	X	1	=	135.083
FAR AREA OF UNIT-6	=	136.635	X	1	=	136.635
FAR AREA OF CIRCULATION					=	27.712
TOTAL F.A.R AREA					=	570.213

F.A.R. COVERED AREA CALCULATION FOR CIRCULATION AT TYPICAL FLOOR							
S.NO.	PARTICULARS						AREA(SQ.M)
A1		3.620	X	1.015	=		3.671
A2		1.130	X	1.000	=		1.130
A3		2.755	X	4.580	=		12.617
A4		2.830	X	6.400	=		18.112
A5		3.020	X	1.215	=		3.669
A6		0.300	X	0.100	=		0.030
A7		3.850	X	3.050	=		11.742
A8		0.200	X	1.300	=		0.260
TOTAL AREA (A)					=		49.672
AREA SUBTRACTION							
LIFT WELL							
L1		2.325	X	1.800	=		4.185
L2		2.325	X	2.200	=		5.115
LIFT LOBBY							
LL1		2.400	X	4.656	=		11.350
STAIRCASE CUTOUT							
X1		2.350	X	3.300	=		7.751
TOTAL AREA (B)					=		22.161
TOTAL CIRCULATION AREA TYPICAL FLOOR (A-B)							27.712

AREA CALCULATION TOWARDS 15% ADDITIONAL F.A.R AT TYPICAL FLOOR							
S.NO.	PARTICULARS						AREA (SQM)
F.A.R STAIRCASE & ELECTRICAL SHAFT AREA							
FSA		4.400	X	8.300	=		36.520
ESA		3.400	X	3.500	=		11.900
TOTAL		7.800	X	11.800	=		48.420
TOTAL FIRE STAIRCASE AREA					=		22.992
LIFT LOBBY							
LL1		2.400	X	4.650	=		11.160
TOTAL LIFT LOBBY AREA					=		11.160
CUPBOARD							
C1	1	X	0.60	X	2.400	=	1.440
C2	1	X	0.60	X	2.400	=	1.440
C3	1	X	1.200	X	2.400	=	2.880
TOTAL CUPBOARD AREA						=	4.320
FIRE ESCAPE							
A	1	X	3.200	X	2.800	=	8.960
TOTAL F.A.R AREA						=	8.960
TOTAL 15% ADDITIONAL F.A.R AREA (FOR CIRCULATION)							33.371
AREA DEDUCTION							
LIFT AREA (B) FOR 1 FLOOR							4.732
TOTAL 15% ADDITIONAL F.A.R AREA FOR TYPICAL FLOOR							38.653



AREA DIAGRAM FOR CIRCULATION FOR TYPICAL FLOOR

F.A.R. COVERED AREA CALCULATION FOR UNIT- 6							
S.NO.	PARTICULARS						AREA (SQ.M)
COVERED AREA OF UNIT							
1		3.580	X	1.915	=		6.856
2		1.695	X	1.760	=		2.983
3		8.588	X	1.995	=		17.917
4		14.150	X	4.910	=		69.471
5		3.695	X	0.675	=		2.494
6		8.340	X	2.595	=		21.645
7		3.980	X	1.740	=		6.925
8		2.295	X	4.650	=		10.677
TOTAL AREA - (A)						=	136.968

F.A.R. AREA OF BALCONY=[(B1 + B2) / 2] &							
B1		3.330	X	0.440	=	1.465	
B2		2.480	X	0.25	=	0.671	
(B1+B2)					=		2.139
TOTAL (B)							0.535

TOTAL F.A.R AREA FOR UNIT- 6 = F.A.R AREA + (B) BALCONY AREA			
1	F.A.R AREA	=	136.090
2	(B) BALCONY AREA	=	0.535
	TOTAL		136.625

NON F.A.R AREA OF BALCONY UNIT- 6							
Y1		3.440	X	1.800	=		7.308
Y2		3.690	X	0.800	=		3.396
Y3		2.250	X	0.200	=		1.84
Y4		2.245	X	1.800	=		4.124
Y5		3.885	X	0.430	=		1.250
Y7		2.235	X	0.395	=		1.561
Y8		1.235	X	0.430	=		0.412
Y10		2.845	X	1.800	=		8.994
Y11		1.800	X	0.395	=		1.366
Y12		1.200	X	0.515	=		0.906
	TOTAL AREA (C)						24.717

COVERAGE AREA OF UNIT 6 = F.A.R. AREA +(0.5* F.A.R AREA OF BALCONY) + AREA OF BALCONY				NON FAR
1	F.A.R AREA	=		136.090
2	2(0.5* F.A.R.) AREA OF BALCONY	=		2.139
3	NON FAR AREA OF BALCONY	=		24.717
	TOTAL			162.946

F.A.R. COVERED AREA CALCULATION FOR UNIT- 5							
S.NO.	PARTICULARS						AREA (SQ.M)
COVERED AREA OF UNIT							
1		3.253	X	0.980	=		3.922
2		2.440	X	1.760	=		2.959
3		8.680	X	1.995	=		17.017
4		1.523	X	1.760	=		2.544
5		14.150	X	4.139	=		58.555
6		3.695	X	0.035	=		0.130
7		3.330	X	1.805	=		6.010
8		9.545	X	3.980	=		38.000
9		3.805	X	1.945	=		7.400
10		2.295	X	4.450	=		10.035
TOTAL AREA (A)					=		134.549

F.A.R AREA OF BALCONY=[(B1 + B2) / 2] &							
B1		2.680	X	0.540	=	1.447	
B2		2.530	X	0.540	=	1.457	
(B1+B2)					=	2.139	
TOTAL (B)							0.535

TOTAL F.A.R AREA FOR UNIT- 5 = F.A.R. AREA + (B) BALCONY AREA			
1	F.A.R AREA	=	134.549
2	(B) BALCONY AREA	=	0.535
	TOTAL		135.083

NON F.A.R AREA OF BALCONY UNIT- 5							
Y1		3.595	X	0.95	=		3.391
Y2		0.210	X	1.710	=		0.604
Y3		3.450	X	0.800	=		3.691
Y4		2.420	X	0.600	=		1.452
Y5		2.335	X	2.455	=		5.74
Y7		1.125	X	0.470	=		2.482
Y8		2.148	X	1.850	=		4.124
Y10		0.885	X	0.470	=		0.256
Y11		1.200	X	0.930	=		2.232
Y12		1.800	X	1.275	=		2.93
Y13		2.020	X	1.302	=		2.958
	TOTAL AREA (C)						28.880

COVERAGE AREA OF UNIT- 5 =F.A.R. AREA +(0.5* F.A.R AREA OF BALCONY) NON FAR AREA OF BALCONY				
1	F.A.R AREA	=		134.549
2	2(0.5* F.A.R.) AREA OF BALCONY	=		2.139
3	NON FAR AREA OF BALCONY	=		28.380
	TOTAL			163.047

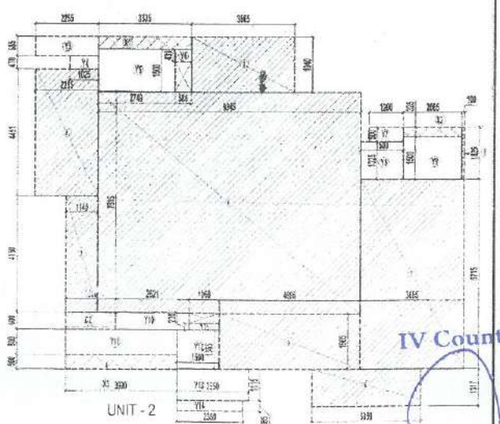
F.A.R. COVERED AREA CALCULATION FOR UNIT- 2							
S.NO.	PARTICULARS						AREA (SQ.M)
COVERED AREA OF UNIT							
1		2.055	X	1.940	=		7.165
2		2.225	X	4.451	=		9.930
3		5.140	X	4.150	=		4.781
4		18.368	X	7.415	=		73.031
5		4.995	X	1.995	=		9.915
6		8.890	X	1.317	=		5.899
7		2.695	X	6.715	=		34.616
8		0.790	X	1.525	=		0.195
TOTAL AREA - (A)						=	134.454

F.A.R AREA OF BALCONY (B)= (B1 + B2 + B3) / 6							
B1		3.305	X	0.440	=	1.697	
B2		2.895	X	0.325	=	0.871	
B3		3.945	X	0.355	=	1.995	
(B1+B2+B3)					=	4.134	
TOTAL (B)							1.033

TOTAL F.A.R AREA FOR UNIT- 2 = F.A.R. AREA + (B) BALCONY AREA			
1	F.A.R. AREA	=	134.454
2	(B) BALCONY AREA	=	1.033
TOTAL			135.488

NON F.A.R AREA OF BALCONY UNIT- 2							
Y1		2.205	X	0.395	=		1.84
Y4		0.25	X	0.472	=		0.462
Y5		2.750	X	1.533	=		4.735
Y6		0.595	X	0.423	=		0.252
Y7		0.20	X	0.420	=		0.084
Y8		1.200	X	1.305	=		1.566
Y9		2.395	X	1.305	=		3.126
Y10		2.824	X	0.600	=		1.693
Y11		3.900	X	0.395	=		1.541
Y12		1.950	X	1.305	=		2.548
Y13		2.550	X	1.115	=		2.843
Y14		2.205	X	0.380	=		0.838
Y15		1.080	X	0.230	=		0.248
TOTAL AREA (C)						=	23.293

COVERAGE AREA OF UNIT- 2 = F.A.R AREA +(0.5* A. R. AREA OF BALCONY) + NON FAR AREA OF BALCONY				
1	F.A.R AREA	=		134.454
2	2(0.5* A. R. AREA OF BALCONY	=		4.134
3	NON FAR AREA OF BALCONY	=		23.293
TOTAL				161.881



NO. OF PRINT	DATE	ISSUED TO	REMARKS

REVISION	DATE	DESCRIPTION	BY

GENERAL NOTES:
1. ANY PARTABLE DOOR, TOILET, KITCHEN ETC. IS TO BE DECIDED MUTUALLY.
2. ELECTRICAL WORK WILL BE MECHANICALLY PERFORMED.
3. FIRE STAIRCASE IS OF PRESSURISED TYPE AS PER N.B.C.

SCHEDULE OF OPENINGS

S.NO.	TYPE	WIDTH	HEIGHT	CELL	LINTEL	REMARKS
1	D1FL	1000	2100	-	2250	ENTRANCE DOOR
2	D2FL	900	2100	-	2250	ALL BEDROOM
3	D3FL	750	2100	-	2250	ALL BEDROOM
4	D4FL	750	2100	-	2250	BEDROOM
5	D5	900	2100	-	2250	BEDROOM
6	D6	600	2100	-	2250	TOILET
7	W1	1245	1650	900	2550	BEDROOM
8	W2	915	1650	900	2550	BEDROOM
9	W3	600	675	1125	2250	TOILET
10	W4	540	675	1125	2250	TOILET

SCHEDULE OF OPENINGS FOR COMMON AREAS

S.NO.	TYPE	WIDTH	HEIGHT	CELL	LINTEL	REMARKS
1	FDR	1200	2250	-	2300	
1	SW1	1800	1350	900	2250	FIRE STAIRCASE
1	SW2	1800	1350	900	2250	MAIN STAIRCASE

AREA LEGEND

F.A.R AREA — COVERED IN 15 % F.A.R AREA

PLUMBING LEGEND

	(1)	100Ø SOIL & VENT PIPE
	(2)	100Ø WASTE & VENT PIPE
	(3)	150Ø RAIN WATER PIPE
	(4)	COLD WATER SUPPLY ON TAKE
	(5)	60 Ø GAS RISER PIPE TO O.H. TANK
	(6)	75 Ø RAIN WATER PIPE
•	FD	FLOOR DRAIN WITH GRATING
⊕	FT	FLOOR TRAP (100 x 75mm WITH GRATING)
•	BD	BALCONY DRAIN WITH GRATING
WB TO FT		80Ø WASTE PIPE
FD TO FT		80Ø WASTE PIPE
FT TO VERTICAL STACK		150Ø WASTE PIPE
WC TO VERTICAL STACK		150Ø SOIL PIPE

SUBMISSION DRAWING

CLIENT
IV COUNTY PVT. LTD.

PROJECT
Cleo County
PROPOSED GROUP HOUSING FOR IV COUNTY PVT. LTD. AT PLOT NO.-GH-08,SECTOR-121, NOIDA, U.P.

DATE	PROJECT INCHARGE	CHECKED BY
31.07.2014	RAJENDRA SINGH	RAJENDRA SINGH
SCALE	DRAWN BY	APPROVED BY
1:100	SUBODH SHARMA	VISHAL SHARMA

DRAWING TITLE
TYPICAL FLOOR PLAN
TOWER-C2,C5

OWNER SIGN | ARCHITECT SIGN

TOWN PLANNER SIGN

TOWN PLANNER

IV County Pvt. Ltd.

ARCHITECT

Auth. Sign
Confluence

DRAWING NO. S-035 | REVISION R0

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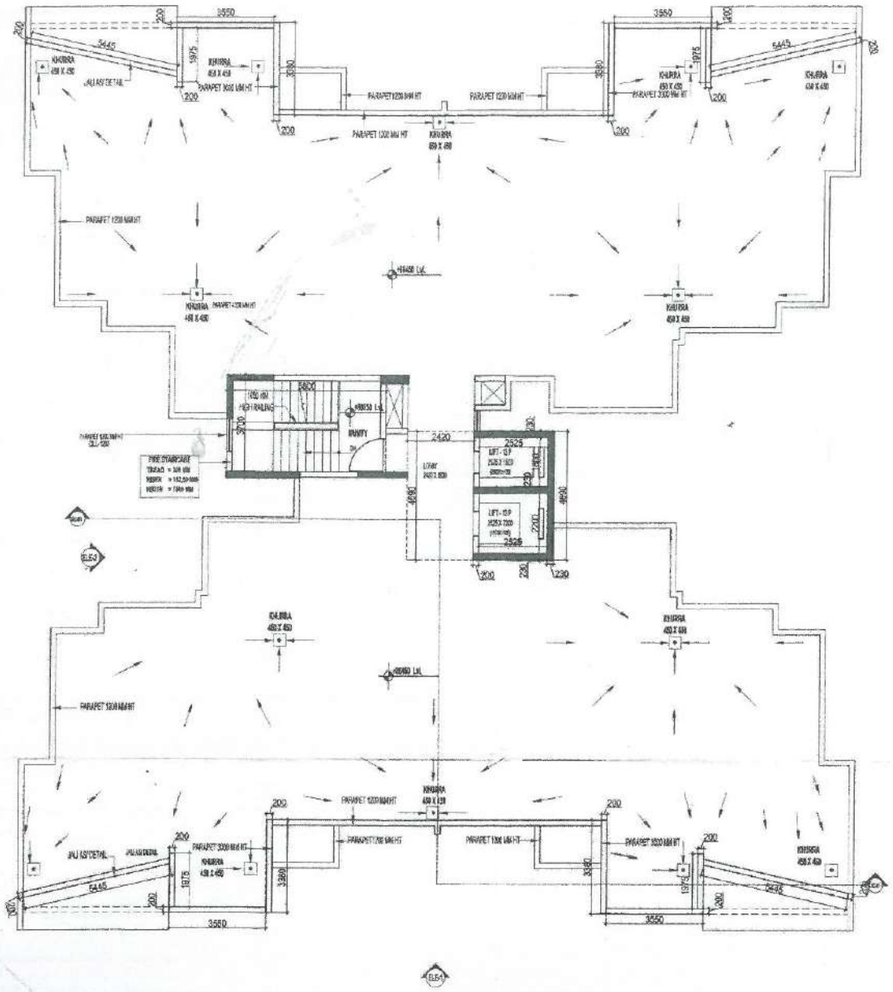
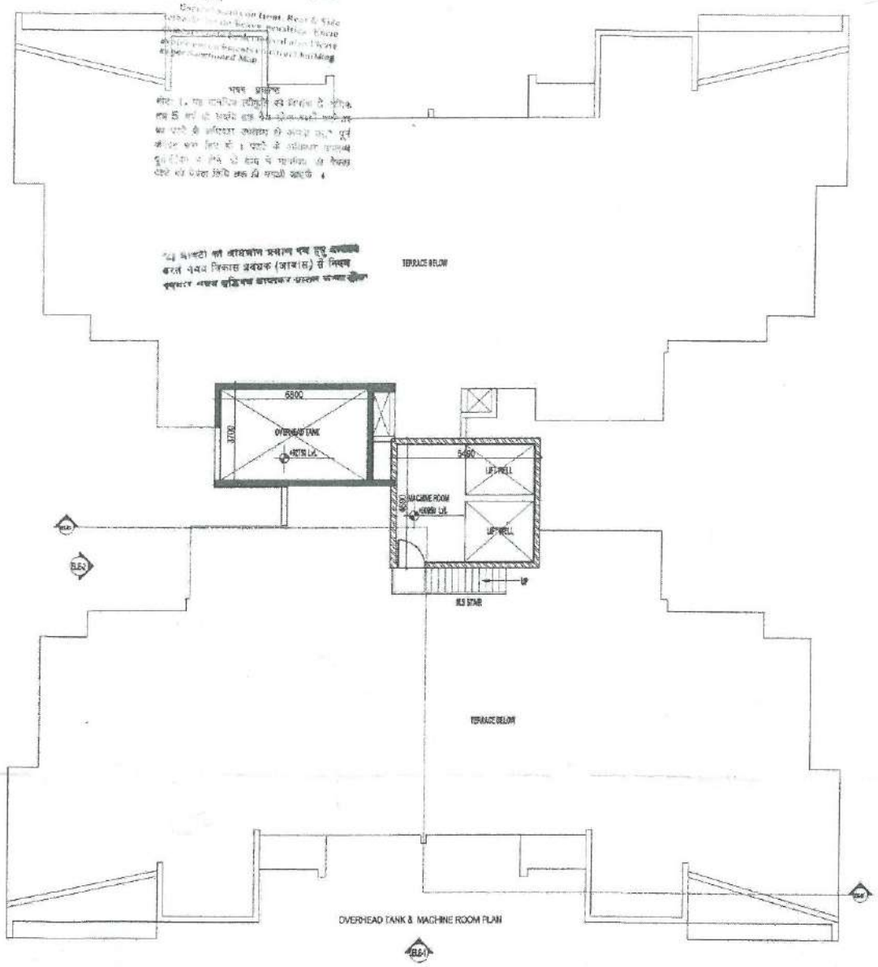




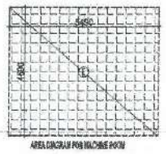
OVERHEAD TANK & MACHINE ROOM PLAN

TOTAL F.A.R AREA OF TERRACE FLOOR PLAN = 15.239 SQMT

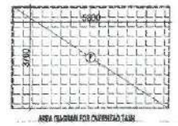
F.A.R. COVERED AREA OF TERRACE PARAPET WALL								
S.NO.	PARTICULARS							AREA (SQ.M)
4	4	X	5.445	X	0.200	=		4.356
5	4	X	1.975	X	0.200	=		1.580
6	4	X	3.550	X	0.200	=		2.840
7	4	X	0.200	X	3.380	=		2.704
TOTAL AREA								11.480

AREA DIAGRAM FOR JALLI WALL

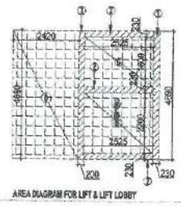
AREA DIAGRAM FOR BRUNTY FIRE STAIRCASE



AREA DIAGRAM FOR MACHINE ROOM



AREA DIAGRAM FOR OVERHEAD TANK



AREA DIAGRAM FOR LIFT & LIFT LOBBY

F.A.R. COVERED AREA CALCULATION FOR TERRACE								
S.NO.	PARTICULARS							AREA (SQ.M)
TERRACE LIFT LOBBY AREA								
1				0.230	X	4.690	=	1.079
2	3		X	2.525	X	0.230	=	1.742
3				0.200	X	4.690	=	0.938
TOTAL F.A.R AREA								3.759

AREA CALCULATION TOWARDS 15 % ADDITIONAL F.A.R AT TERRACE FLOOR								
S.NO.	PARTICULARS							AREA (SQ.M)
TERRACE LIFT LOBBY AREA & FIRE STAIRCASE								
A			5.800	X	3.700	=		21.460
B			2.525	X	2.200	=		5.555
C			2.525	X	1.800	=		4.545
LIFT LOBBY								
D *			2.420	X	4.690	=		11.350
TOTAL AREA								42.910

AREA CALCULATION TOWARDS 15 % ADDITIONAL F.A.R AT TERRACE FLOOR								
S.NO.	PARTICULARS							AREA (SQ.M)
AREA FOR MACHINE ROOM								
E			5.490	X	4.690	=		25.745
AREA FOR OVERHEAD TANK								
F			5.500	X	3.700	=		21.460
TOTAL AREA								47.208

TH-289/1817/6

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NO. OF PRINT	DATE	ISSUED TO	RECEIVED

REVISION	DATE	DESCRIPTION	BY

GENERAL NOTES:
1. ALL HABITABLE ROOMS, TOILETS, KITCHEN ETC. SHALL BE PROVIDED WITH NATURAL VENTILATION. WHERE NATURAL VENTILATION IS NOT POSSIBLE, MECHANICAL VENTILATES WILL BE PROVIDED AS PER N.B.C.
2. FIRE STAIRCASE IS OF PRESSURIZED TYPE AS PER N.B.C.

SCHEDULE OF OPENINGS

S.NO.	TYPE	WIDTH	HEIGHT	SILL	LINTEL	REMARKS
1	D#1	2420	2100	-	2200	DRAWING ROOM
2	D#2	1220	2200	-	2300	M. BEDROOM
3	D#	1070	2200	-	2300	BATHROOM
4	D#	1000	2200	-	2300	BEDROOM
5	D#	900	2200	-	2300	BEDROOMS
6	D#	800	2200	-	2300	TOILET
7	W#	2100	1500	700	2200	BEDROOM
8	W#	910	1050	550	2200	BEDROOM
9	W#	900	675	1225	2200	TOILET
10	W#	600	600	1225	2200	TOILET

SCHEDULE OF OPENINGS FOR COMMON AREAS

S.NO.	TYPE	WIDTH	HEIGHT	SILL	LINTEL	REMARKS
1	D#	1200	2400	-	2500	
2	D#1	1000	2400	200	2500	FIRE STAIRCASE
3	D#2	1200	2400	200	2500	MAIN STAIRCASE

AREA LEGEND

F.A.R AREA

COUNTED IN 15 % F.A.R AREA

PLUMBING LEGEND

(1)	100Ø SOIL & VENT PIPE
(2)	100Ø WASTE & VENT PIPE
(3)	150Ø RAIN WATER PIPE
(4)	COLD WATER SUPPLY ON TAKE
(5)	15Ø OVERFLOW PIPE TO O.H. TANK
(6)	75Ø RAIN WATER PIPE
FD	FLOOR DRAIN WITH GRATING
FT	FLOOR TRAP (100 x 75mm) WITH GRATING
BD	BALCONY DRAIN WITH GRATING
WB TO FT	32Ø WASTE PIPE
FD TO FT	50Ø WASTE PIPE
FT TO VERTICAL STACK	75Ø WASTE PIPE
WC TO VERTICAL STACK	100Ø SOIL PIPE

SUBMISSION DRAWING

CLIENT
IV COUNTY PVT. LTD.

PROJECT
Cleo County
PROPOSED GROUP HOUSING FOR IV COUNTY PVT. LTD. AT PLOT NO.-GH-09,SECTOR-121, NOIDA, U.P.

DATE	PROJECT INCHARGE	CHECKED BY
04.07.2014	RAVINDRA SINGH	RAVINDRA SINGH
SCALE	DRAWN BY	APPROVED BY
1:100	SURENDRA KUMAR	VISHAL CHARAN

DRAWING TITLE
TERRACE FLOOR PLAN
TOWER-C2

For IV COUNTY PVT. LTD.
OWNER SIGN
Authorised Signatory

ARCHITECT SIGN
VISHAL CHARAN ARCHITECT CA-90/2024 (2005104998) NEW DELHI

TOWN PLANNER SIGN.

TOWN PLANNER

IV County Pvt. Ltd.
Auth. Sign.

ARCHITECT
Confluence

DRAWING NO.
S-037

REVISION
R0

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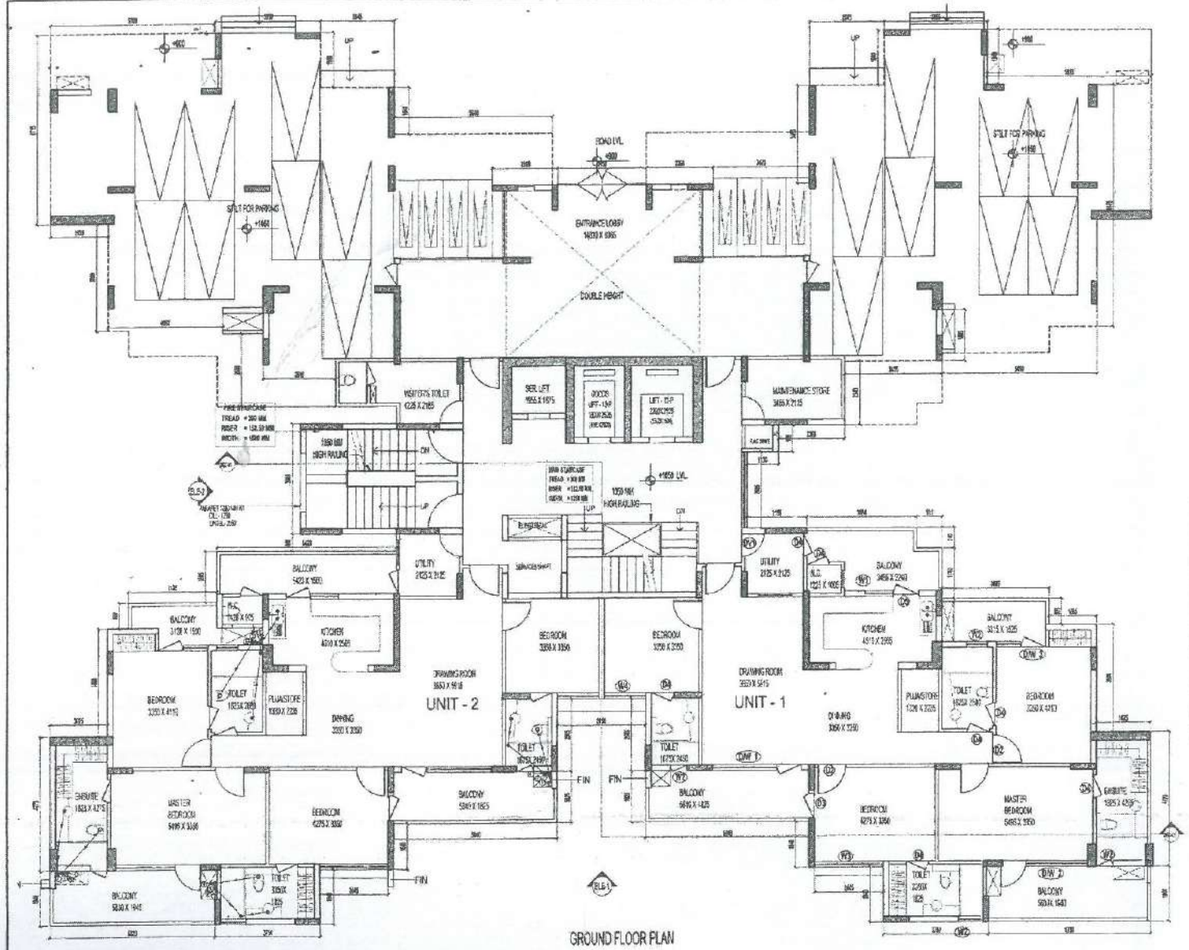
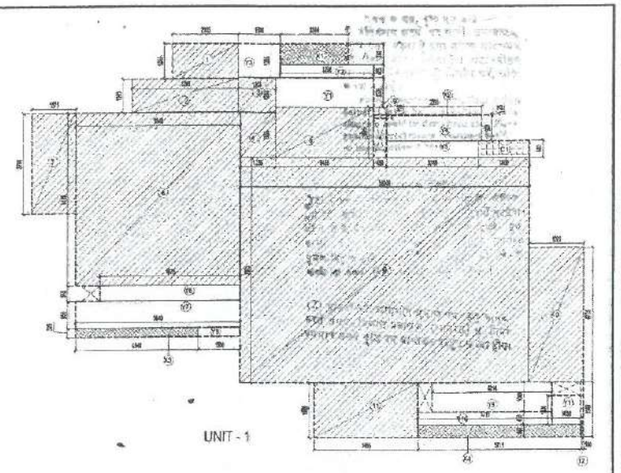


GROUND FLOOR PLAN



AREA OF PLUMING SHAFT							
S.NO.	PARTICULARS						AREA(SQ.M)
P1		1.150	X	0.470	=		0.541
P2		0.704	X	1.040	=		0.807
P3		0.965	X	0.345	=		0.362
P4		0.965	X	0.345	=		0.362
P5		0.501	X	1.040	=		0.521
P6		1.127	X	0.470	=		0.529
P7		0.490	X	1.465	=		0.699
P8		1.127	X	0.800	=		0.854
P9		1.127	X	0.800	=		0.854
P10		1.150	X	0.470	=		0.541
P11		0.564	X	1.040	=		0.807
P12		0.965	X	0.345	=		0.362
P13		0.965	X	0.345	=		0.362
P14		0.590	X	1.410	=		0.628
P15		0.501	X	1.040	=		0.521
P16		1.128	X	0.470	=		0.529
TOTAL AREA					=		8.876

F.A.R. COVERED AREA CALCULATION FOR UNIT- 1							
S.NO.	PARTICULARS						AREA (SQ.M)
COVERED AREA OF UNIT							
1		2.100	X	1.240	=		2.932
2		3.785	X	1.105	=		4.499
3		1.340	X	1.235	=		1.655
4		1.250	X	1.800	=		2.014
5		3.490	X	1.805	=		6.298
6		0.450	X	0.715	=		0.322
7		1.975	X	3.700	=		9.276
8		5.840	X	5.115	=		35.712
9		10.200	X	7.975	=		81.345
10		1.935	X	4.775	=		9.192
11		3.649	X	1.940	=		7.110
12		3.100	X	1.940	=		6.164
TOTAL AREA (A)						=	156.768

F.A.R AREA OF BALCONY (B)= (X1 + X2 + X3 + X4) X 1/4							
X1		2.384	X	0.740	=	1.764	
X2		3.305	X	0.095	=	0.314	
X3		4.540	X	0.325	=	1.475	
X4		5.715	X	0.440	=	2.515	
(X1+X2+X3+X4)/4					=	5.773	
TOTAL (B)							1.443

TOTAL F.A.R AREA FOR UNIT - 1 = F.A.R. AREA + (B) BALCONY AREA			
1	F.A.R. AREA	=	156.768
2	(B) BALCONY AREA	=	1.443
TOTAL			158.212

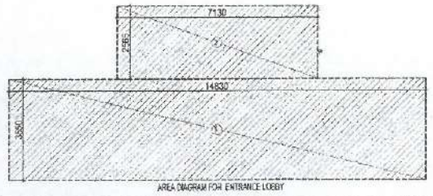
NON F.A.R AREA OF BALCONY UNIT-1							
Y1		3.455	X	1.035	=	3.579	
Y2		3.599	X	0.465	=	1.502	
Y3		1.909	X	1.105	=	1.808	
Y4		3.385	X	0.930	=	3.036	
Y5		1.540	X	0.830	=	1.044	
Y6		4.579	X	0.545	=	2.711	
Y7		3.660	X	0.995	=	3.577	
Y8		1.500	X	0.335	=	0.468	
Y9		4.514	X	1.040	=	4.393	
Y10		4.219	X	0.490	=	2.156	
Y11		1.000	X	1.000	=	1.000	
TOTAL AREA B					=	28.237	

COVERAGE AREA OF UNIT-1 = F.A.R. AREA +2X F. A. R AREA OF BALCONY + NON FAR AREA OF BALCONY			
1	F.A.R. AREA	=	156.768
2	2 X F. A. R AREA OF BALCONY	=	5.773
3	NON FAR AREA OF BALCONY	=	28.237
TOTAL			190.778

TOTAL F.A.R. AREA AT GROUND FLOOR							
S.NO.	PARTICULARS						AREA(SQ.M)
FAR AREA OF UNIT-1	=	158.212	X	1	=		158.212
FAR AREA OF UNIT-2	=	168.128	X	1	=		168.128
FAR AREA OF CIRCULATION					=		63.325
FAR AREA OF ENTRANCE LOBBY					=		70.935
TOTAL F.A.R AREA					=		460.600

TOTAL GROUND COVERAGE AREA							
S.NO.	PARTICULARS						AREA(SQ.M)
FAR AREA OF UNIT-1	=	156.768	X	2	=		313.537
2 x FAR AREA OF BALCONY OF UNIT-1	=	5.773	X	2	=		11.546
NON-FAR AREA OF BALCONY OF UNIT-1	=	28.237	X	2	=		56.473
FAR AREA OF UNIT-2	=	167.125	X	2	=		334.250
2 x FAR AREA OF BALCONY OF UNIT-2	=	4.013	X	2	=		8.026
NON-FAR AREA OF BALCONY OF UNIT-2	=	20.571	X	2	=		41.142
FAR AREA CIRCULATION FOR GROUND FLOOR					=		63.325
PLUMING SHAFT AREA FOR GROUND FLOOR					=		8.876
15% ADDITIONAL F.A.R. FOR GROUND FLOOR		FIRE STAIRCASE AREA			=		21.878
		LIFT LOBBY			=		19.661
		CUPBOARDS			=		2.160
TOTAL COVERAGE AREA					=		880.624

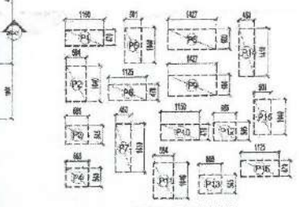
TOTAL STILT AREA							
S.NO.	PARTICULARS						AREA(SQ.M)
GROUND COVERAGE AREA							880.624
Subtraction							
FAR AREA OF UNIT-1	=	156.768	X	1	=		156.768
FAR AREA OF BALCONY OF UNIT-1	=	5.773	X	1	=		5.773
NON FAR AREA OF BALCONY OF UNIT-1	=	28.237	X	1	=		28.237
FAR AREA OF UNIT-2	=	167.125	X	1	=		167.125
FAR AREA OF BALCONY OF UNIT-2	=	4.013	X	1	=		4.013
NON-FAR AREA OF BALCONY OF UNIT-2	=	20.571	X	1	=		20.571
FAR AREA CIRCULATION FOR GROUND FLOOR					=		63.325
15% ADDITIONAL F.A.R. FOR GROUND FLOOR					=		51.646
ENTRANCE LOBBY					=		70.935
PLUMING SHAFT AREA FOR GROUND FLOOR					=		8.876
TOTAL							587.219
TOTAL STILT AREA					=		293.405



AREA DIAGRAM FOR ENTRANCE LOBBY

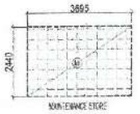
F.A.R. AREA OF DOUBLE HT. ENTRANCE LOBBY								
S.NO.	PARTICULARS							AREA(SQ.M)
1			14.830	X	3.550	=		52.647
2			7.130	X	2.565	=		18.288
TOTAL AREA						=		70.935

F.A.R. COVERED AREA CALCULATION FOR CIRCULATION AT GROUND FLOOR							
S.NO.	PARTICULARS						AREA(SQ.M)
A1		1.410	X	7.305	=		10.300
A2		7.130	X	8.500	=		60.605
A3		1.410	X	3.375	=		4.759
A4		1.330	X	0.935	=		1.244
A5		1.610	X	2.685	=		4.323
A6		1.410	X	1.245	=		1.755
TOTAL AREA ..... (A)					=		82.986
AREA SUBTRACTION							
LIFT LOBBY							
LL1		0.850	X	1.950	=		1.658
LL2		7.130	X	2.525	=		18.000
TOTAL AREA ..... (B)					=		19.661
TOTAL CIRCULATION AREA FOR GROUND FLOOR ..... (A)-(B)					=		63.325



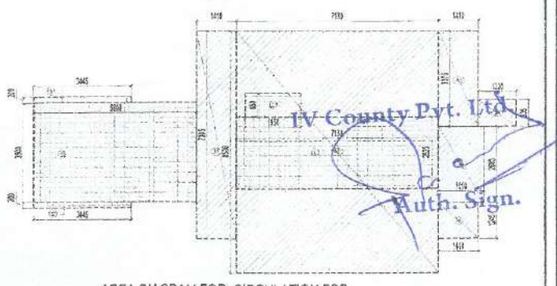
AREA DIAGRAM FOR PLUMBING SHAFT

AREA DIAGRAM FOR OUTSIDE TOILET



MAINTENANCE STORE

AREA CALCULATION TOWARDS 15% ADDITIONAL F.A.R AT GROUND FLOOR								
S.NO.	PARTICULARS							AREA (SQ.M)
FIRE STAIRCASE AREA								
FS1			3.445	X	3.380	=		0.859
FS2			9.500	X	3.300	=		20.120
FS3			3.449	X	3.300	=		0.599
TOTAL FIRE STAIRCASE AREA						=		21.578
LIFT LOBBY								
LL1			0.850	X	1.950	=		1.658
LL2			7.130	X	2.525	=		18.003
TOTAL LIFT LOBBY AREA						=		19.661
CUPBOARDS								
C1	1	X	1.800	X	0.800	=		1.440
C2	1	X	1.800	X	0.400	=		0.720
TOTAL CUPBOARDS AREA						=		2.160
VISITOR'S TOILET AREA								
F1			2.150	X	1.720	=		3.716
F2			3.355	X	2.100	=		5.417
TOTAL VISITOR'S TOILET AREA						=		9.131
MAINTENANCE STORE								
M			3.665	X	2.465	=		9.035
TOTAL 15% ADDITIONAL F.A.R AREA FOR GROUND FLOOR						=		61.646



AREA DIAGRAM FOR CIRCULATION FOR GROUND FLOOR

TP-289/923
07/11/23

REVISION	DATE	DESCRIPTION	BY

GENERAL NOTES:
1. ANY HABITABLE ROOM, TOILET, KITCHEN ARE NOT NATURALLY VENTILATED WILL BE MECHANICALLY VENTILATED.
2. FIRE STAIRCASE IS OF FIRE RESISTED TYPE AS PER NBC.

TOWER - D1,D2

SCHEDULE OF OPENINGS

S.NO.	TYPE	WIDTH	HEIGHT	O.H.	LINTEL	REMARKS
1.	SWH	3300	2550	-	2550	DRAWING ROOM
2.	SWC	3054	2550	-	2550	M. BEDROOM
3.	SWC	1700	2550	-	2550	M. BEDROOM
4.	D1	1050	2250	-	2300	ENTRANCE
5.	D2	1000	2250	-	2300	BEDROOM
6.	D3	900	2250	-	2300	BALCONY
7.	D4	800	2100	-	2150	TOILET
8.	D5	800	2100	-	2150	KITCHEN
9.	D7/1	800	2100	-	2150	SERVANT ROOM
10.	W1	900	975	1650	2550	SERVANT TOILET
11.	W2	650	675	1225	2225	TOILETS
12.	W3	1545	1350	900	2550	BEDROOM
13.	W4	1485	1650	900	2550	BEDROOM

SCHEDULE OF OPENINGS FOR COMMON AREAS

S.NO.	TYPE	WIDTH	HEIGHT	O.H.	LINTEL	REMARKS
1.	FD1	1200	2100	-	2100	
2.	SW1	1800	1045	1150	2195	FIRE STAIRCASE

AREA LEGEND:-

F.A.R. AREA | COVERED IN '15 % F.A.R AREA'

PLUMBING LEGEND

1	100Ø SOIL & VENT PIPE
2	100Ø WASTE & VENT PIPE
3	150Ø RAIN WATER PIPE
4	COLD WATER SUPPLY ON TANK
5	65 Ø CWS RISER PIPE TO O.H. TANK
6	75 Ø RAIN WATER PIPE
FD	FLOOR DRAIN (WITH GRATING)
FT	FLOOR TRAP (100 x 75mm WITH GRATING)
BD	BALCONY DRAIN (WITH GRATING)
WC TO FT	200 WASTE PIPE
FD TO FT	50Ø WASTE PIPE
FT TO VERTICAL STACK	75Ø WASTE PIPE
WC TO VERTICAL STACK	100Ø SOIL PIPE

SUBMISSION DRAWING

CLIENT
IV COUNTY PVT. LTD.

PROJECT
Cleo County
PROPOSED GROUP HOUSING FOR IV COUNTY PVT. LTD. AT PLOT NO.--GH-05, SECTOR-121, NOIDA, U.P.

DATE	PROJECT NO/AREA	CHECKED BY
NOV 2023	RAKESH SINGH	RAJENDRA SINGH
SCALE	DRAWN BY	APPROVED BY
1:100	SURESH SHARMA	VISHAL SHARMA

DRAWING TITLE
GROUND FLOOR PLAN
TOWER - D1,D2

OWNER SIGN | ARCHITECT SIGN

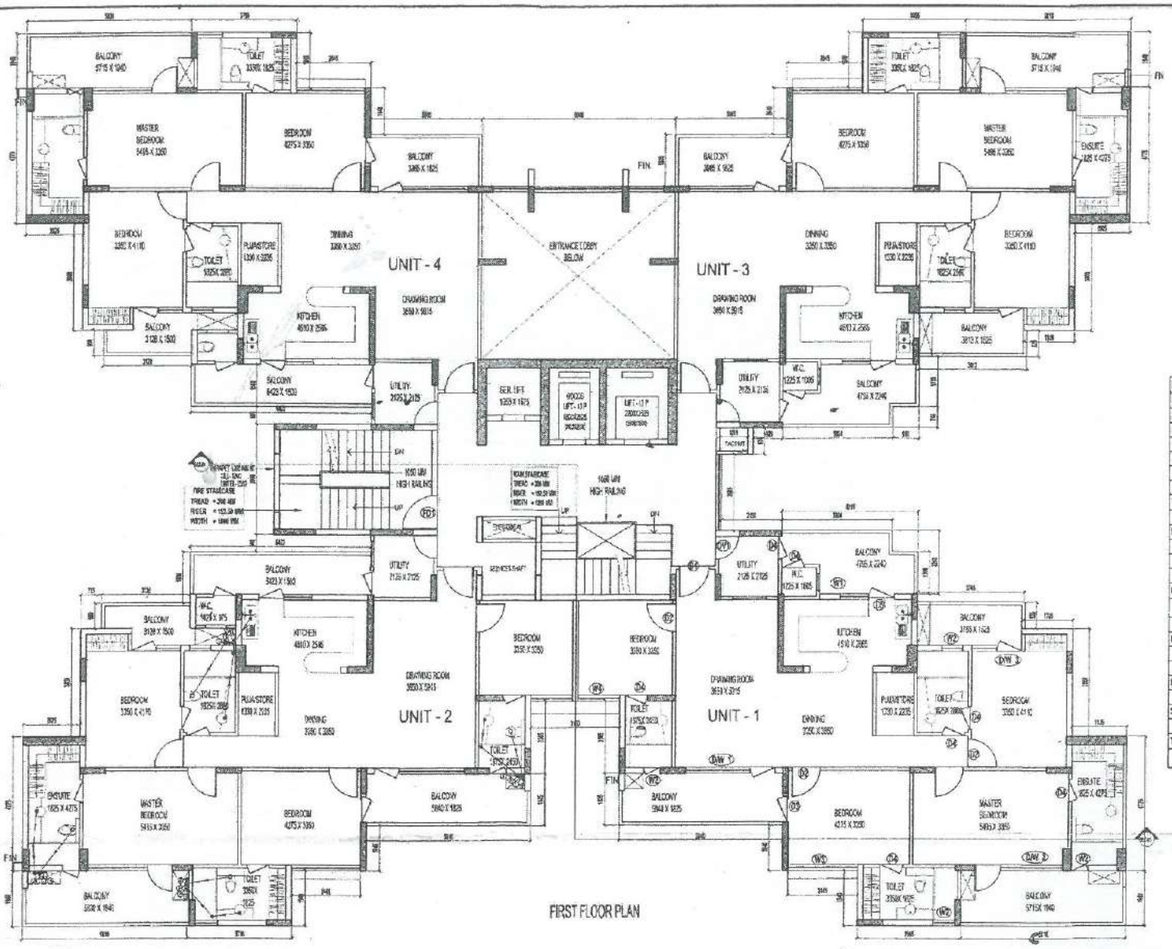
TOWN PLANNER SIGN

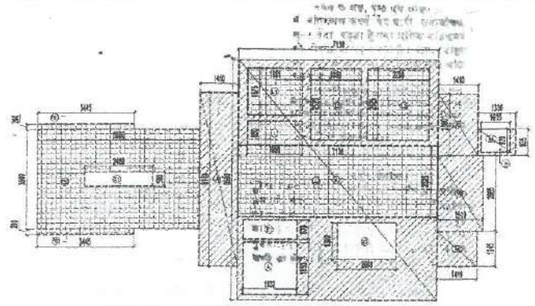
TOWN PLANNER

ARCHITECTS
Confluence

DRAWING NO. S-042 | REVISION R0

This drawing is available on www.files.theconfluence.com





AREA DIAGRAM FOR CIRCULATION FOR FIRST FLOOR

NO. OF PRINT	DATE	ISSUED TO	REMARKS

REVISION	DATE	DESCRIPTION	BY

GENERAL NOTES:
1. ANY HABITABLE ROOM, TOILET, KITCHEN ETC. IS NOT NATURALLY VENTILATED WILL BE MECHANICALLY VENTILATED.
2. FIRE STAIRCASE IS OF PRESSURISED TYPE AS PER N.B.C.

TOWER - D1 & D2

SCHEDULE OF OPENINGS

S.NO.	TYPE	WIDTH	HEIGHT	SILL	LINTEL	REMARKS
1.	D2W1	1200	2850	-	2550	DRAWING ROOM
2.	D2W2	1200	2250	-	2550	M. BEDROOM
3.	D2W3	1700	2250	-	2550	M. BEDROOM
4.	D3	1000	2100	-	2250	ENTRANCE
5.	D3	1000	2100	-	2250	BEDROOM
6.	D3	900	2100	-	2250	BALCONY
7.	D4	800	2100	-	2250	TOILET
8.	D5	900	2100	-	2250	KITCHEN
9.	D1/1	900	2100	-	2250	SERVANT ROOM
10.	W1	600	600	1800	2250	SERVANT TOILET
11.	W2	600	675	1225	2250	TOILETS
12.	W3	1245	1500	600	2250	BEDROOM
13.	W4	1425	1500	600	2250	BEDROOM

SCHEDULE OF OPENINGS FOR COMMON AREAS

S.NO.	TYPE	WIDTH	HEIGHT	SILL	LINTEL	REMARKS
1.	FD1	1200	2100	-	2250	
2.	SW1	1800	1245	900	2245	FIRE STAIRCASE

AREA LEGEND:-

F.A.R. AREA — COVERED UP TO 1.5 % F.A.R. AREA

PLUMBING LEGEND

1	100Ø SOIL & VENT PIPE
2	100Ø WASTE & VENT PIPE
3	150Ø RAIN WATER PIPE
4	COLD WATER SUPPLY ON TAKE
5	90 Ø GWS RISER PIPE TO O.H. TANK
6	25 Ø RAIN WATER PIPE
FD	FLOOR DRAIN(WITH GRATING)
FT	FLOOR TRAP (150 x 75mm WITH GRATING)
BD	BALCONY DRAIN(WITH GRATING)
WB TO FT	300 WASTE PIPE
FD TO FT	300 WASTE PIPE
FT TO VERTICAL STACK	750 WASTE PIPE
WC TO VERTICAL STACK	100Ø SOIL PIPE

F.A.R. COVERED AREA CALCULATION FOR CIRCULATION AT FIRST

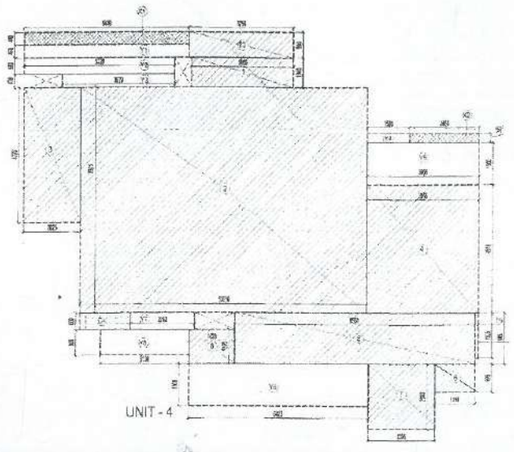
S.NO.	PARTICULARS					AREA(SQ.M)
A1		1.410	X	6.110	=	8.615
A2		7.130	X	8.500	=	60.605
A3		1.419	X	2.160	=	3.074
A4		1.330	X	0.935	=	1.244
A5		1.810	X	2.565	=	4.323
A6		1.410	X	1.245	=	1.755
TOTAL AREA ..... (A)					=	79.616
AREA SUBTRACTION						
LIFT WELL						
L1		1.951	X	1.675	=	3.268
L2		1.800	X	2.525	=	4.545
L3		2.200	X	2.525	=	5.555
LIFT LOBBY						
LL1		0.850	X	1.950	=	1.658
LL2		7.130	X	2.525	=	18.003
ELECTRICAL & SERVICES SHAFT						
E1		1.932	X	0.670	=	1.294
A		1.932	X	1.850	=	3.574
F.H.C. SHAFT						
B		1.015	X	0.820	=	0.832
STAIRCASE CUTOUT						
X2		2.068	X	1.500	=	2.727
TOTAL AREA ..... (B)					=	41.457
TOTAL CIRCULATION AREA FOR FIRST ..... (A)-(B)						38.159

AREA CALCULATION TOWARDS 15% ADDITIONAL F.A.R AT FIRST FLOOR

S.NO.	PARTICULARS					AREA (SQ.M)
FIRE STAIRCASE AREA						
FS1		3.445	X	0.200	=	0.689
FS2		5.400	X	3.500	=	18.900
FS3		3.445	X	0.200	=	0.689
TOTAL FIRE STAIRCASE AREA					=	21.278
LIFTWELL						
L1		1.951	X	1.675	=	3.268
L1		1.800	X	2.525	=	4.545
L2		2.200	X	2.525	=	5.555
TOTAL LIFT WELL AREA					=	13.368
LIFT LOBBY						
LL1		0.850	X	1.950	=	1.658
LL2		7.130	X	2.525	=	18.003
TOTAL LIFT LOBBY AREA					=	19.661
CUPBOARDS						
C1	1	1.400	X	0.800	=	1.120
C2	1	1.800	X	0.800	=	1.080
C3	1	1.800	X	0.800	=	1.080
C4	1	1.800	X	0.800	=	1.080
TOTAL CUPBOARDS AREA					=	4.320
F.H.C SHAFT						
A		1.932	X	1.850	=	3.574
TOTAL F.H.C SHAFT AREA					=	3.574
ELECTRICAL SHAFT						
E1		1.932	X	0.670	=	1.294
TOTAL ELECTRICAL SHAFT AREA					=	1.294
TOTAL 15% ADDITIONAL F.A.R AREA_WITH SUBTRACTION						63.895
AREA SUBTRACTION						
STAIRCASE CUTOUT						
X1		2.400	X	0.500	=	1.200
TOTAL STAIRCASE CUTOUT AREA					=	1.200
TOTAL 15% ADDITIONAL F.A.R AREA FOR FIRST FLOOR						62.695

TOTAL F.A.R. AREA AT FIRST FLOOR

S.NO.	PARTICULARS					AREA(SQ.M)
FAR AREA OF UNIT-1	=	158.212	X	1	=	158.212
FAR AREA OF UNIT-2	=	166.128	X	1	=	166.128
FAR AREA OF UNIT-3	=	140.573	X	1	=	140.573
FAR AREA OF UNIT-4	=	141.341	X	1	=	141.341
FAR AREA OF CIRCULATION					=	38.159
TOTAL F.A.R AREA					=	646.413



UNIT - 4

F.A.R. COVERED AREA CALCULATION FOR UNIT- 4

S.NO.	PARTICULARS					AREA (SQ.M)
COVERED AREA OF UNIT						
1		3.655	X	1.040	=	3.812
2		10.230	X	7.975	=	81.548
3		2.626	X	4.775	=	9.869
4		3.960	X	4.570	=	17.992
5		8.060	X	1.805	=	16.051
6		1.410	X	0.695	=	1.493
7		2.356	X	2.303	=	5.417
8		1.026	X	1.365	=	1.963
9		0.115	X	3.855	=	0.365
10		3.250	X	0.809	=	1.373
TOTAL AREA - (A)					=	140.500

F.A.R AREA OF BALCONY (B)= (X1 + X2) / 2

X1	5.830	X	5.440	=	2.595	
X2	2.455	X	0.325	=	0.801	
(X1+X2)				=	3.396	
TOTAL (B)						0.842

TOTAL F.A.R AREA FOR UNIT - 4 = F.A.R. AREA + (B) BALCONY AREA

1	F.A.R. AREA			=	140.500
2	(B) BALCONY AREA			=	0.842
TOTAL					141.341

NON F.A.R AREA OF BALCONY UNIT- 4

Y1	5.830	X	0.360	=	2.062	
Y2	5.900	X	0.570	=	3.038	
Y3	3.970	X	0.491	=	1.970	
Y4	1.021	X	0.405	=	0.436	
Y5	3.951	X	1.200	=	3.948	
Y6	3.422	X	1.900	=	6.636	
Y7	2.260	X	0.600	=	1.357	
Y8	2.156	X	3.900	=	2.815	
TOTAL AREA (I)				=	27.831	

COVERAGE AREA OF UNIT-4 = F.A.R. AREA + 2XF.A.R. AREA OF BALCONY + NON FAR AREA OF BALCONY

1	F.A.R. AREA	=		140.500
2	2XF.A.R. AREA OF BALCONY	=		3.366
3	NON FAR AREA OF BALCONY	=		27.831
TOTAL				171.697

F.A.R. COVERED AREA CALCULATION FOR UNIT- 3

S.NO.	PARTICULARS					AREA (SQ.M)
COVERED AREA OF UNIT						
1		3.955	X	1.540	=	7.110
2		1.205	X	4.775	=	9.182
3		10.230	X	7.975	=	81.548
4		3.955	X	4.570	=	17.992
5		7.142	X	1.955	=	12.808
6		1.410	X	1.165	=	1.885
7		2.356	X	2.230	=	5.273
8		1.340	X	1.034	=	1.388
9		0.488	X	0.115	=	0.056
10		1.606	X	1.325	=	2.443
TOTAL AREA - (A)					=	139.271

F.A.R AREA OF BALCONY (B)= (X1 + X2 + X3 + X4) / 4

X1	5.615	X	0.440	=	2.599	
X2	3.385	X	0.025	=	0.084	
X3	2.284	X	0.740	=	1.764	
X4	2.405	X	0.325	=	0.801	
(X1+X2+X3+X4)				=	5.208	
TOTAL (B)						1.302

TOTAL F.A.R AREA FOR UNIT - 3 = F.A.R. AREA + (B) BALCONY AREA

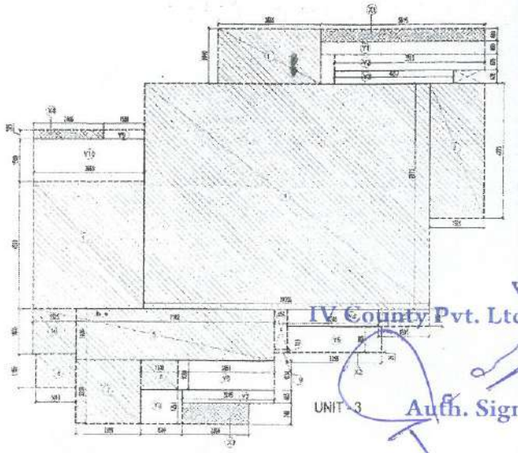
1	F.A.R. AREA	=	138.271
2	(B) BALCONY AREA	=	1.302
TOTAL			140.573

NON F.A.R AREA OF BALCONY UNIT- 3

Y1	5.615	X	0.480	=	2.695	
Y2	5.215	X	0.570	=	3.032	
Y3	4.210	X	0.479	=	1.952	
Y4	3.340	X	0.530	=	1.844	
Y5	3.955	X	0.950	=	3.695	
Y6	3.455	X	1.034	=	3.572	
Y7	3.291	X	0.475	=	1.952	
Y8	1.510	X	1.275	=	1.924	
Y9	1.520	X	3.325	=	5.054	
Y10	1.805	X	1.503	=	2.948	
TOTAL AREA (I)				=	25.997	

COVERAGE AREA OF UNIT-3 = F.A.R. AREA + 2XF.A.R. AREA OF BALCONY + NON FAR AREA OF BALCONY

1	F.A.R. AREA	=	139.271
2	2XF.A.R. AREA OF BALCONY	=	5.208
2	NON FAR AREA OF BALCONY	=	25.997
TOTAL			170.476



UNIT - 3

IV County Pvt. Ltd.
Auth. Sign.

SUBMISSION DRAWING

CLIENT
IV COUNTY PVT. LTD.

PROJECT
Cleo County
PROPOSED GROUP HOUSING FOR IV COUNTY PVT. LTD. AT PLOT NO.-GH-05,SECTOR-121, NOIDA, U.P.

DATE	PROJECT INCHARGE	CHECKED BY
25.07.2023	RAVINDRA SINGH	RAVINDRA SINGH
SCALE	DRAWN BY	APPROVED BY
1:100	SURESH SHARMA	VISHAL SHARMA

DRAWING TITLE
FIRST FLOOR PLAN
TOWER - D1,D2

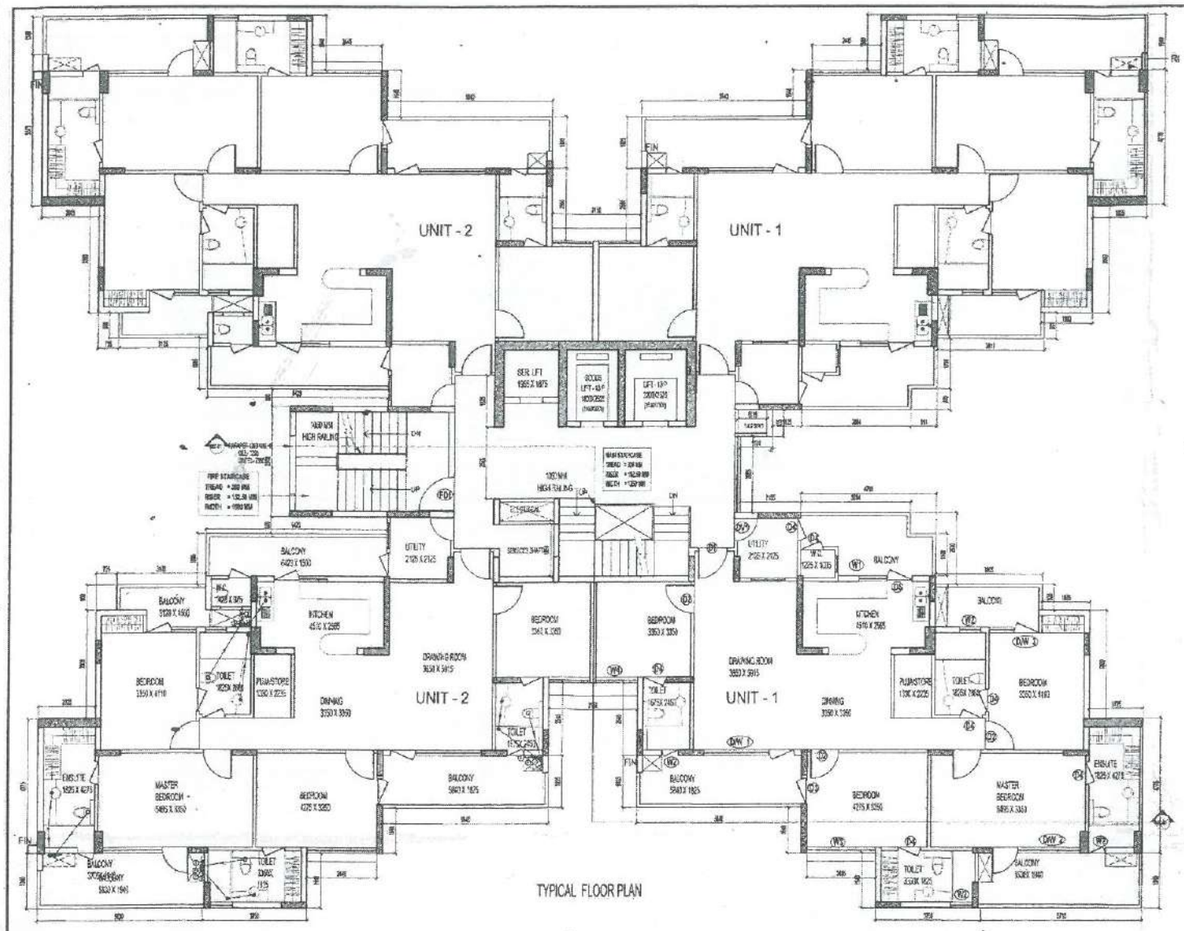
OWNER SIGN | ARCHITECT SIGN

TOWN PLANNER SIGN

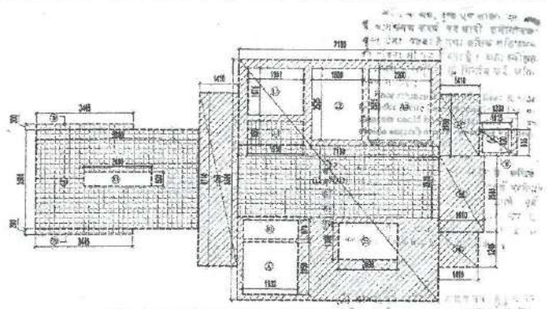
TOWN PLANNER

ARCHITECTS
Confluence

DRAWING NO.	REVISION
S-043	R0



TYPICAL FLOOR PLAN



AREA DIAGRAM FOR CIRCULATION FOR TYPICAL FLOOR

AREA CALCULATION TOWARDS 15% ADDITIONAL F.A.R AT TYPICAL FLOOR

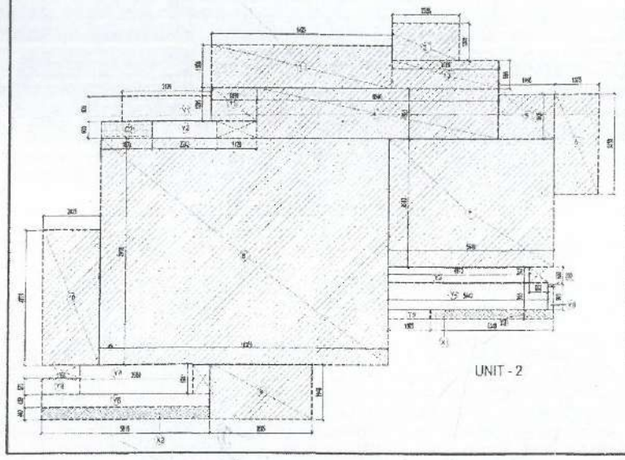
S.NO.	PARTICULARS							AREA (SQ.M)
FIRE STAIRCASE AREA								
FS1			3.445	X	0.200	=		0.689
FS2			5.600	X	3.500	=		20.300
FS3			3.445	X	0.200	=		0.689
TOTAL FIRE STAIRCASE AREA						=		21.675
LIFT LOBBY								
LL1			0.850	X	1.950	=		1.658
LL2			7.100	X	2.555	=		18.903
TOTAL LIFT LOBBY AREA						=		19.561
CUPBOARDS								
C1	2	X	1.200	X	0.500	=		2.160
C2	2	X	1.800	X	0.500	=		2.160
TOTAL CUPBOARDS AREA						=		4.320
P.H.C SHAFT								
A			1.800	X	1.859	=		3.374
TOTAL P.H.C SHAFT AREA						=		3.374
ELECTRICAL SHAFT								
E1			1.502	X	0.676	=		1.294
TOTAL ELECTRICAL SHAFT AREA						=		1.294
TOTAL 15% ADDITIONAL F.A.R AREA (WITH SUBTRACTION								50.527
AREA SUBTRACTION								
STAIRCASE CUTOUT								
X1			2.400	X	0.900	=		1.200
TOTAL STAIRCASE CUTOUT AREA						=		1.200
TOTAL 15% ADDITIONAL F.A.R AREA FOR TYPICAL FLOOR								49.327

F.A.R. COVERED AREA CALCULATION FOR CIRCULATION AT TYPICAL

S.NO.	PARTICULARS							AREA SQ.M.
A1			1.419	X	6.710	=		9.519
A2			7.140	X	6.850	=		48.909
A3			1.415	X	2.380	=		3.674
A4			1.230	X	3.025	=		1.244
A5			1.410	X	2.865	=		4.329
A6			1.410	X	1.245	=		1.756
TOTAL AREA (A)						=		79.615
AREA SUBTRACTION								
LIFT AREA								
L1			1.161	X	1.675	=		2.269
L2			1.800	X	2.525	=		4.549
L3			2.200	X	2.525	=		5.555
LIFT LOBBY								
LL1			0.650	X	1.550	=		1.054
LL2			7.100	X	2.525	=		18.933
ELECTRICAL & SERVICED SHAFT								
E1			1.930	X	0.870	=		1.394
A			1.402	X	1.850	=		3.574
P.H.C. SHAFT								
B			1.535	X	0.450	=		0.683
STAIRCASE CUTOUT								
X3			2.708	X	1.350	=		2.727
TOTAL AREA (B)						=		41.457
TOTAL CIRCULATION AREA FOR TYPICAL (A)-(B)								38.159

TOTAL F.A.R. AREA AT TYPICAL FLOOR

S.NO.		PARTICULARS				AREA(SQ.M)
FAR AREA OF UNIT-1	=	158.212	X	2	=	316.423
FAR AREA OF UNIT-2	=	166.128	X	2	=	332.256
FAR AREA OF CIRCULATION					=	38.159
TOTAL F.A.R AREA					=	690.838



UNIT - 2

F.A.R. COVERED AREA CALCULATION FOR UNIT- 2

S.NO.	PARTICULARS							AREA (SQ.M)
COVERED AREA OF UNIT								
1			9.423	X	1.400	=		2.635
2			2.200	X	1.535	=		3.053
3			3.367	X	0.995	=		3.348
4			0.300	X	1.525	=		10.151
5			1.457	X	1.775	=		1.764
6			1.521	X	3.550	=		5.561
7			5.645	X	4.540	=		25.508
8			10.350	X	1.675	=		34.351
9			3.961	X	1.340	=		1.757
10			3.025	X	2.775	=		8.469
11			1.520	X	1.225	=		1.862
TOTAL AREA - (A)								187.125

F.A.R AREA OF BALCONY (B)= (X1 + X2) / 4

X1			4.540	X	0.525	=	1.411	
X2			3.770	X	0.446	=	2.602	
(X1+X2)							4.013	
TOTAL (B)								1.003

TOTAL F.A.R AREA FOR UNIT - 2 = F.A.R. AREA + (B) BALCONY AREA

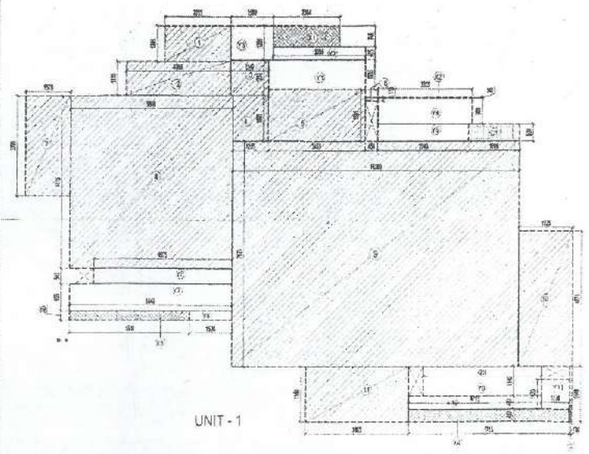
1	F.A.R. AREA	=	167.125
2	(B) BALCONY AREA	=	1.003
TOTAL			168.128

NON F.A.R AREA OF BALCONY UNIT- 2

Y1			3.970	X	2.960	=		2.615
Y2			3.767	X	2.990	=		267
Y3			4.270	X	2.941	=		2.711
Y4			5.223	X	0.525	=		5.488
Y5			1.390	X	4.221	=		2.456
Y6			3.850	X	3.590	=		9.160
Y7			3.944	X	1.750	=		1.111
Y8			5.913	X	3.450	=		1.701
Y9			1.350	X	3.506	=		2.126
TOTAL AREA=								20.571

COVERAGE AREA OF UNIT - 2 = F.A.R. AREA + (B) F.A.R AREA OF BALCONY + NON FAR AREA OF BALCONY

1	F.A.R. AREA							167.125
2	(B) F.A.R. AREA OF BALCONY							1.003
3	NON FAR AREA OF BALCONY							20.571
TOTAL								191.709



UNIT - 1

F.A.R COVERED AREA CALCULATION FOR UNIT- 1

S.NO.	PARTICULARS							AREA (SQ.M)
COVERED AREA OF UNIT								
1			2.365	X	1.345	=		3.180
2			3.767	X	1.190	=		4.482
3			1.340	X	1.235	=		1.655
4			1.755	X	1.625	=		2.814
5			2.455	X	1.005	=		6.215
6			5.450	X	6.115	=		3.062
7			1.575	X	3.700	=		6.559
8			5.649	X	6.156	=		38.752
9			10.950	X	7.925	=		84.365
10			1.824	X	4.775	=		9.192
11			3.650	X	1.845	=		7.140
12			0.150	X	1.240	=		0.194
TOTAL AREA - (A)						=		156.768

F.A.R AREA OF BALCONY (B)= (X1 + X2 + X3 + X4) / 4

X1			3.584	X	0.740	=	1.064	
X2			3.768	X	0.525	=	4.934	
X3			4.541	X	0.525	=	1.911	
X4			5.773	X	0.740	=	2.135	
(X1+X2+X3+X4)						=	5.773	
TOTAL (B)								1.443

TOTAL F.A.R AREA FOR UNIT - 1 = F.A.R. AREA + (B) BALCONY AREA

1	F.A.R. AREA	=	156.768
2	(B) BALCONY AREA	=	1.443
TOTAL			158.212

NON F.A.R AREA OF BALCONY UNIT- 1

Y1			3.420	X	2.715	=		2.578
Y2			3.284	X	2.415	=		1.322
Y3			1.525	X	1.415	=		2.158
Y4			1.355	X	1.415	=		1.917
Y5			1.245	X	0.915	=		1.144
Y6			1.575	X	0.564	=		0.888
Y7			5.342	X	0.924	=		4.937
Y8			1.901	X	0.525	=		0.998
Y9			4.914	X	0.915	=		4.497
Y10			4.773	X	0.564	=		2.692
Y11			1.350	X	1.415	=		1.910
TOTAL AREA (B)						=		28.237

COVERAGE AREA OF UNIT - 1 = F.A.R. AREA + (B) F.A.R AREA OF BALCONY + NON FAR AREA OF BALCONY

1	F.A.R. AREA							156.768
2	F.A.R. AREA OF BALCONY							5.773
3	NON FAR AREA OF BALCONY							28.237
TOTAL								190.778

NO. OF PRINT	DATE	ISSUED TO	REMARKS

NUMBER	DATE	DESCRIPTION	BY

GENERAL NOTES:
1. ANY HABITABLE ROOM, TOILET, KITCHEN ETC. IS NOT NATURALLY VENTILATED WILL BE MECHANICALLY VENTILATED.
2. FIRE STAIRCASE IS OF PRESSURISED TYPE AS PER N.B.C.

TOWER - 10 & 11

SCHEDULE OF OPENINGS

S.NO.	TYPE	WIDTH	HEIGHT	SILL	LINTEL	REMARKS
1	D1	1000	2100	-	2250	DRAWING ROOM
2	D2	900	2100	-	2250	M. BEDROOM
3	D3	750	2100	-	2250	M. BEDROOM
4	D4	1000	2250	-	2250	ENTRANCE
5	D5	900	2100	-	2250	BEDROOM
6	D6	900	2100	-	2250	BALCONY
7	D7	600	2100	-	2250	TOILET
8	D8	750	2100	-	2250	KITCHEN
9	D9	900	2100	-	2250	SERVANT ROOM
10	W1	600	600	1500	2250	SERVANT TOILET
11	W2	600	975	1225	2250	TOILETS
12	W3	1200	1500	600	2250	BEDROOM
13	W4	1200	1650	600	2250	BEDROOM

SCHEDULE OF OPENINGS FOR COMMON AREAS

S.NO.	TYPE	WIDTH	HEIGHT	SILL	LINTEL	REMARKS
1	D10	1200	2250	-	2250	
2	D11	1200	1200	900	2250	FIRE STAIRCASE

AREA LEGEND:-

F.A.R AREA | LOCATED IN 15% F.A.R AREA

PLUMBING LEGEND

1	100Ø SOIL & VENT PIPE
2	100Ø WASTE & VENT PIPE
3	100Ø RAIN WATER PIPE
4	COLD WATER SUPPLY ON TANKS
5	90 Ø CPVC RISER PIPE TO D.N. TANK
C	75 Ø RAIN WATER PIPE
FD	FLOOR DRAIN (WITH GRATING)
FT	FLOOR TRAP (100 x 75mm WITH GRATING)
BD	BALCONY DRAIN (WITH GRATING)
WB TO FT	32Ø WASTE PIPE
FD TO FT	50Ø WASTE PIPE
FT TO VERTICAL STACK	75Ø WASTE PIPE
WC TO VERTICAL STACK	100Ø SOIL PIPE

SUBMISSION DRAWING

CLIENT
IV COUNTY PVT. LTD.

PROJECT
Cleo County
PROPOSED GROUP HOUSING FOR IV COUNTY PVT. LTD. AT PLOT NO.-GH-05,SECTOR-121, NOIDA, U.P.

DATE	PROJECT INCHARGE	CHECKED BY
15.07.2014	RAVINDRA SINGH	RAVINDRA SINGH
SCALE	DEALT BY	APPROVED BY
1:100	SUBODH SHARMA	NIKHIL SHARMA

DRAWING TITLE
TYPICAL FLOOR PLAN
TOWER - 01,02

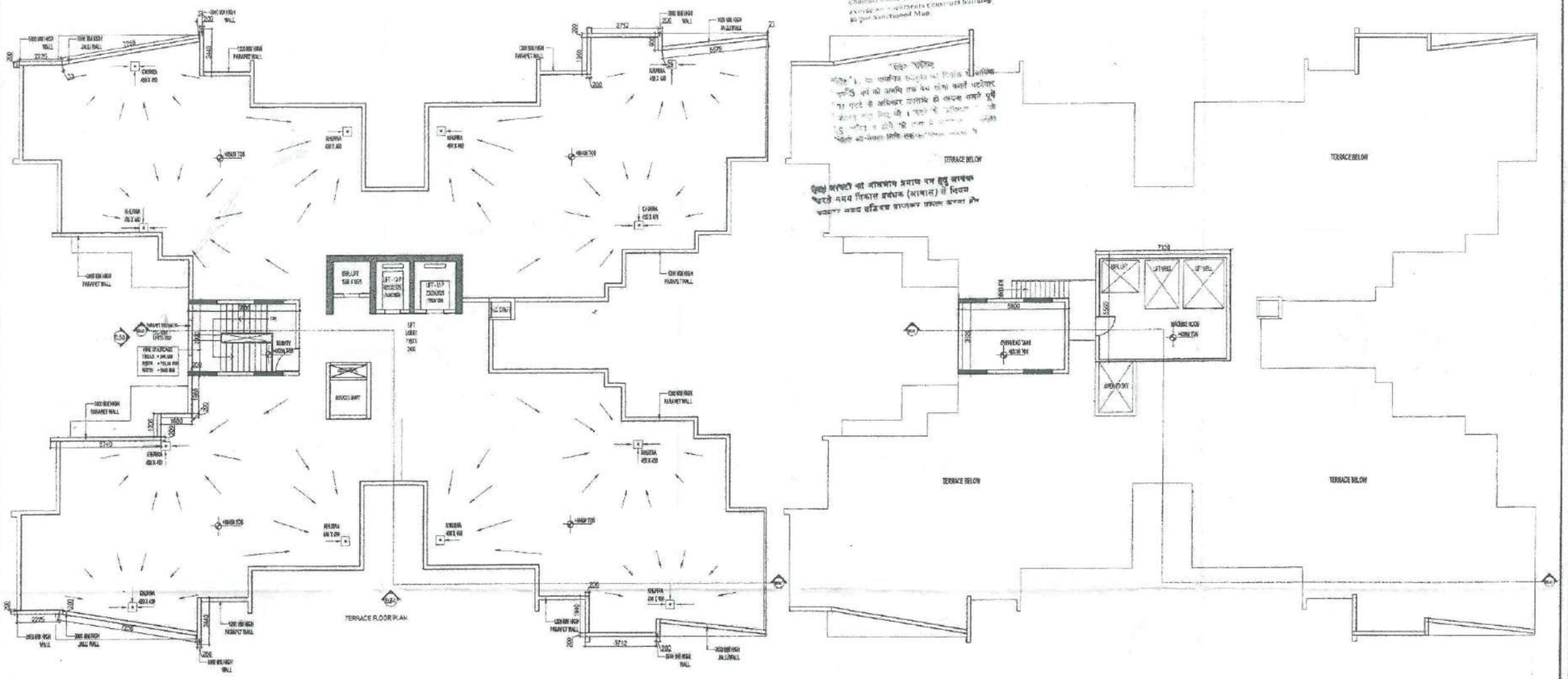
OWNER SIGN | ARCHITECT SIGN

TOWN PLANNER SIGN

IV County Pvt. Ltd.
Auth. Sign.

CONSULTANTS
Confluence

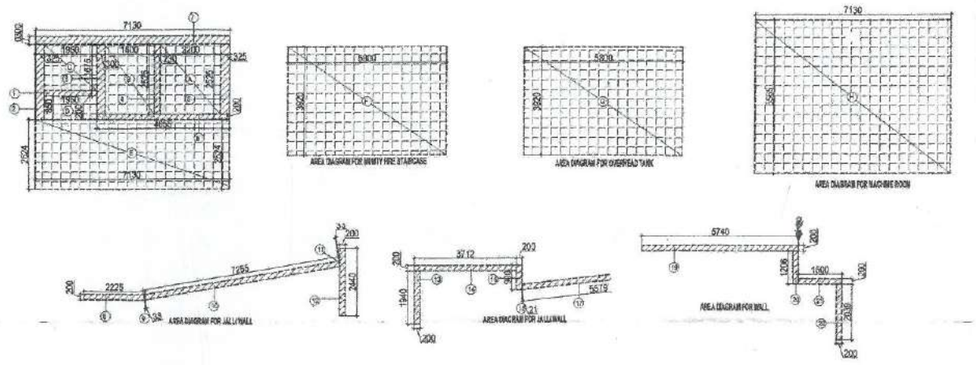
DRAWING NO.	REVISION
S-044	R0



TOTAL F.A.R AREA OF TERRACE FLOOR PLAN = CIRCULATION LOBBY + PARAPET WALL
= 6.545 + 13.898
= 20.443 SQMT

F.A.R. COVERED AREA CALCULATION FOR TERRACE								
S.NO.	PARTICULARS							AREA (SQ.M)
TERRACE LIFT LOBBY AREA								
1			1.950	X	0.200	=		0.390
2			0.325	X	2.725	=		0.886
3			0.300	X	2.525	=		0.758
4			0.200	X	2.525	=		0.681
5			0.325	X	2.525	=		0.821
6			4.855	X	0.200	=		0.971
7			0.300	X	7.130	=		2.139
TOTAL F.A.R AREA						=		6.545

F.A.R. COVERED AREA OF TERRACE PARAPET WALL								
S.NO.	PARTICULARS							AREA (SQ.M)
8	2	X	2.225	X	0.200	=		0.890
9	2	X	0.038	X	0.200	=		0.013
10	2	X	7.255	X	0.200	=		2.902
11	2	X	0.038	X	0.200	=		0.013
12	2	X	2.440	X	0.200	=		0.976
13	2	X	1.940	X	0.200	=		0.776
14	2	X	3.712	X	0.200	=		1.485
15	2	X	0.900	X	0.200	=		0.360
16	2	X	0.021	X	0.200	=		0.008
17	2	X	5.579	X	0.200	=		2.232
18	2	X	0.021	X	0.200			0.008
19	2	X	5.740	X	0.200			2.296
20	2	X	1.206	X	0.200			0.482
21	2	X	1.000	X	0.200			0.840
22	2	X	2.009	X	0.200	=		0.516
TOTAL AREA								13.898



AREA CALCULATION TOWARDS 15 % ADDITIONAL F.A.R AT TERRACE FLOOR								
S.NO.	PARTICULARS							AREA (SQ.M)
TERRACE LIFT LOBBY AREA & FIRE STAIRCASE								
A			2.290	X	2.525	=		5.555
B			1.800	X	2.525	=		4.545
C			1.950	X	1.675	=		3.266
LIFT LOBBY								
D			1.950	X	0.950	=		1.858
E			7.130	X	2.524	=		17.996
FIRE STAIRCASE AREA								
F			5.800	X	3.920	=		22.736
TOTAL AREA								55.756

AREA CALCULATION TOWARDS 15 % ADDITIONAL F.A.R AT TERRACE FLOOR								
S.NO.	PARTICULARS							AREA (SQ.M)
AREA FOR OVERHEAD TANK								
G			5.800	X	3.920	=		22.736
AREA FOR MACHINE ROOM								
H			7.130	X	5.585	=		39.678
TOTAL AREA								62.414

IV County Pvt. Ltd.
Auth. Sign

NO. OF PRINT	DATE	REVISION	BY	REMARKS
REVISION	DATE	DESCRIPTION	BY	

GENERAL NOTES: NOTE FOR PROPOSED BOUNDARY
1.ANY HABITABLE ROOM, TOILET, COOKING PLACE SHALL BE NATURALLY VENTILATED / ALL HABITABLE ROOMS SHALL HAVE OPENINGS TO EXTERNAL AIR FOR NATURAL VENTILATION.
2.FIRE STAIRCASE IS OF PRESSURISED TYPE AS PER N.B.C.

TOWER - D1 & D2

SCHEDULE OF OPENINGS

S.NO.	TYPE	WIDTH	HEIGHT	CILL	LINTEL	REMARKS
1.	SWD	2100	2090	-	2090	DRAWING ROOM
2.	SWD	1064	2090	-	2090	M. BEDROOM
3.	SWD	1780	2090	-	2090	M. BEDROOM
4.	D2	1800	2090	-	2090	DRAWING
5.	D2	1800	2090	-	2090	BEDROOM
6.	D3	850	2090	-	2090	BALCONY
7.	D4	800	2090	-	2090	TOILET
8.	D5	900	2090	-	2090	KITCHEN
9.	DW1	800	1200	-	2090	SERVANT ROOM
10.	W1	600	900	1200	2100	BEDROOM TOILET
11.	W2	600	975	1225	2200	TOILETS
12.	W3	1440	1150	940	2090	BEDROOM
13.	W4	1425	1200	890	2090	BEDROOM

SCHEDULE OF OPENINGS FOR COMMON AREAS

S.NO.	TYPE	WIDTH	HEIGHT	CILL	LINTEL	REMARKS
1.	SD1	1200	2090	-	2090	
2.	SWD	1500	2365	300	2665	FIRE STAIRCASE

AREA LEGEND:-

F.A.R. AREA | COVERED IN 15 % F.A.R. AREA

PLUMBING LEGEND

(1)	100Ø SOIL & VENT PIPE
(2)	100Ø WASTE & VENT PIPE
(3)	150Ø RAIN WATER PIPE
(4)	COLD WATER SUPPLY ON TAKE
(5)	40 Ø GI PIPE FROM PIPE TO O.H.T. TANK
(6)	75 Ø RAIN WATER PIPE
FD	FLOOR DRAIN (WITH GRATING)
FT	FLOOR TRAP (100 x 75mm WITH GRATING)
BD	BALCONY DRAIN (WITH GRATING)
WG TO FT	32Ø WASTE PIPE
RG TO FT	50Ø WASTE PIPE
FT TO VERTICAL STACK	75Ø WASTE PIPE
RG TO VERTICAL STACK	100Ø SOIL PIPE

SUBMISSION DRAWING

CLIENT
IV COUNTY PVT. LTD.

PROJECT
Cleo County
PROPOSED GROUP HOUSING FOR IV COUNTY PVT. LTD. AT PLOT NO.-GH-03,SECTOR-121, NOIDA, U.P.

DATE	PROJECT MANAGER	CHECKED BY
SCALE	DRAWN BY	APPROVED BY
1:50	RUDDHI SHARMA	VISHAL SHARMA

DRAWING TITLE
TERRACE FLOOR PLAN
TOWER - D1,D2

OWNER SIGN. FOR IV COUNTY PVT. LTD. ARCHITECT SIGN.
Authorised Signatory

TOWN PLANNER SIGN.
TOWN PLANNER

ARCHITECTS
Confluence

DRAWING NO. S-045 | REVISION R9

This drawing is available on www.dfiles.theconfluence.com