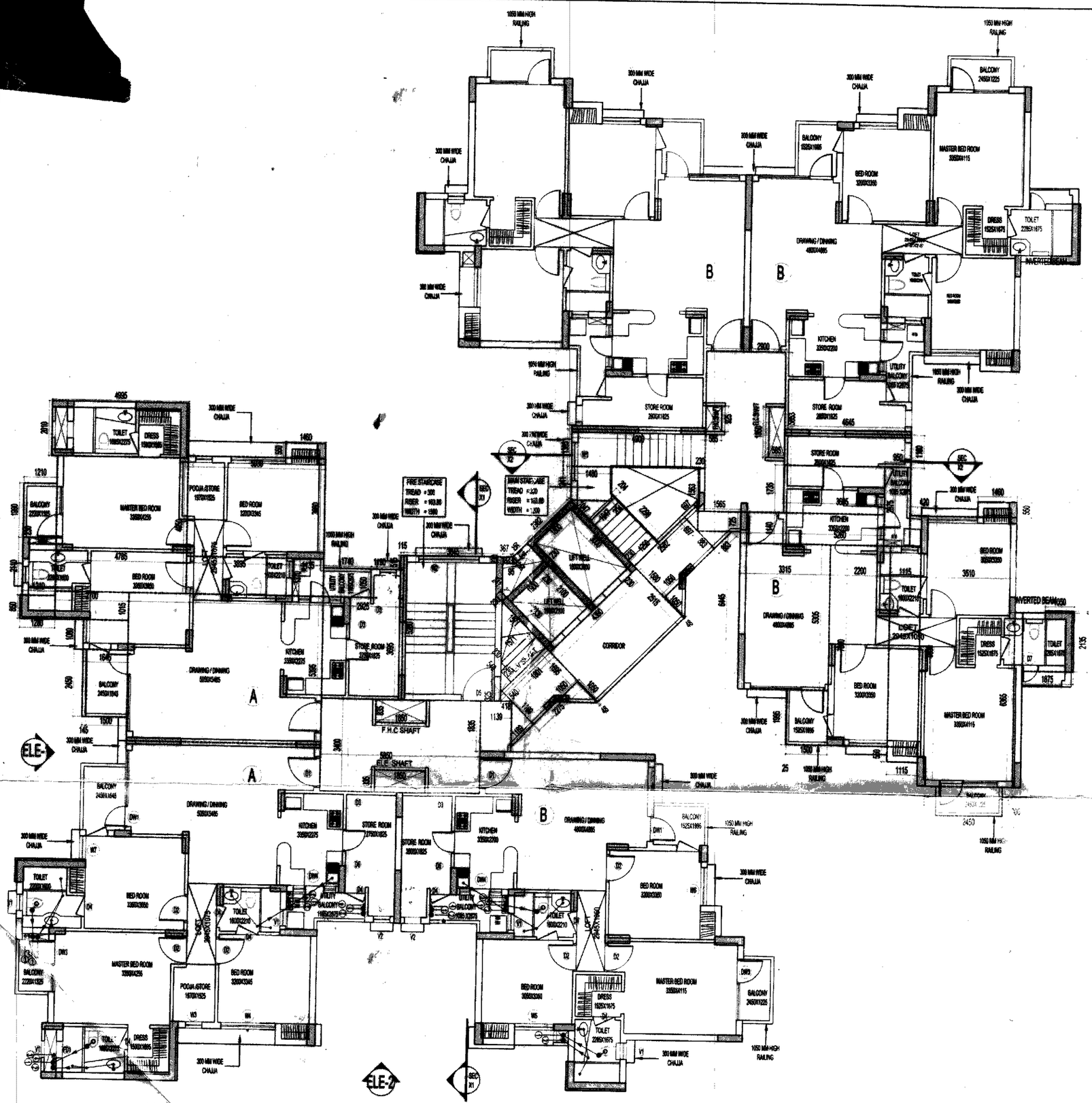
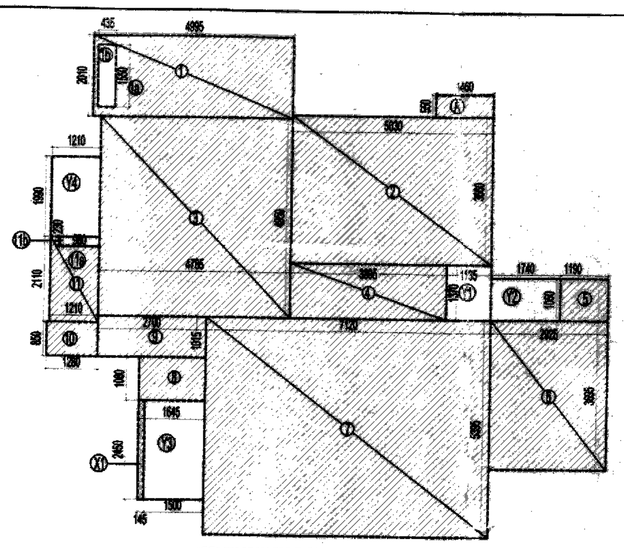
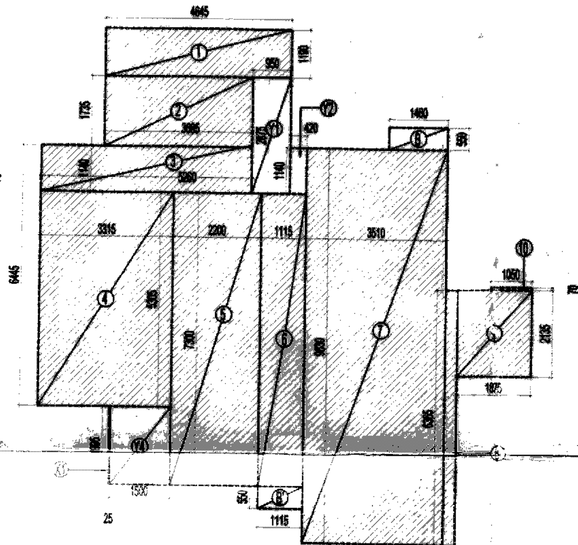


TYPICAL FLOOR F.A.R AREA = TYPE- A X 2 + TYPE-B X 4 + CIRCULATION AREA
= 116.25 X 2 + 101.26 X 4 + 48.302
= 232.5 + 405.04 + 48.302
= 685.842 SQMT

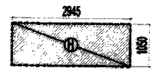
AREA COUNTED TOWARDS 15% FAR = 71.797 SQM



AREA DIAGRAM FOR TYPE-A

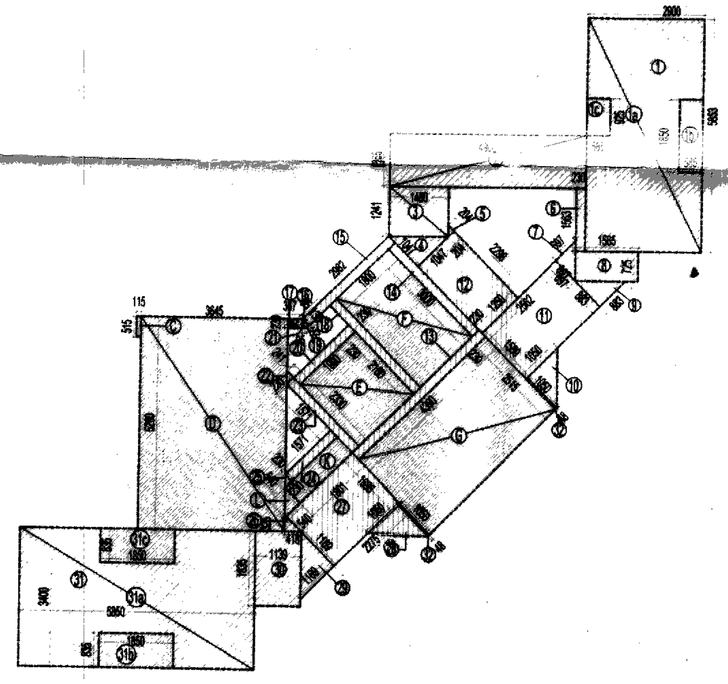


AREA DIAGRAM FOR TYPE-B



AREA DIAGRAM FOR LOFT AREA TYPE- (B) AREA CALACULATION
2.945 X 1.050 =3.092 SQMT

AREA DIAGRAM FOR LOFT AREA UNIT- (A) AREA CALACULATION
2.945 X 1.075=3.165 SQMT



TYPICAL FLOOR AREA DIAGRAM FOR CIRCULATION

F.A.R. COVERED AREA CALCULATION FOR TYPE - A

S.NO.	PARTICULARS						AREA (SQ.M)
1	1= 1a-1b				=		9.365
1a	4.595	X	2.010	=	10.040		
1b	6.435	X	1.550	=	0.674		
2	5.030	X	3.660	=			18.410
3	4.785	X	4.950	=			23.685
4	3.685	X	1.370	=			5.336
5	1.160	X	1.050	=			1.250
6	2.925	X	3.695	=			10.808
7	7.120	X	5.395	=			38.412
8	1.845	X	1.080	=			1.777
9	2.760	X	1.015	=			2.741
10	1.260	X	0.850	=			1.088
11	11= 11a - 11b						2.328
11a	1.210	X	2.110	=	2.553		
11b	0.980	X	0.230	=	0.225		
TOTAL F.A.R AREA OF TYPE - A				=			116.209

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

X1	0.145	X	2.460	=	2.099		
				=	2.099		
TOTAL(B)							1.050

TOTAL F.A.R AREA FOR TYPE -A = TYPE (A) AREA + BALCONY AREA
= 115.200 + 1. 050 = 116.25 SQMT

NON F.A.R AREA OF BALCONY (A)

Y1	1.135	X	1.370	=			1.555
Y2	1.740	X	1.080	=			1.427
Y3	1.650	X	2.460	=			3.975
Y4	1.210	X	1.990	=			2.408
TOTAL(A)				=			9.465

GROUND COVERAGE AREA OF - A =F.A.R AREA + NON F.A.R
=115.200 + 2.099 + 9.465
= 126.764 SQMT

F.A.R. COVERED AREA CALCULATION FOR TYPE -B

S.NO.	PARTICULARS						AREA (SQ.M)
1	4.645	X	1.190	=			5.528
2	3.695	X	1.725	=			6.411
3	5.260	X	1.140	=			5.996
4	3.315	X	5.305	=			17.586
5	2.200	X	7.350	=			16.080
6	1.115	X	7.350	=			8.140
7	3.510	X	9.830	=			34.503
8	0.300	X	6.305	=			1.910
9	1.675	X	2.195	=			4.093
10	1.650	X	0.070	=			0.074
TOTAL F.A.R AREA OF TYPE - B				=			100.210

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

X1	0.025	X	1.995	=	2.099		
				=	2.099		
TOTAL(B)							1.050

TOTAL F.A.R AREA FOR TYPE - B = TYPE (B) AREA + BALCONY AREA
= 100.210 + 1.050 = 101.26 SQMT

NON F.A.R AREA OF BALCONY (B)

Y1	0.980	X	2.875	=			2.731
Y2	0.420	X	1.140	=			0.479
Y3	2.450	X	1.110	=			2.720
Y4	1.500	X	1.995	=			2.993
TOTAL(B)				=			8.922

GROUND COVERAGE AREA OF - B =F.A.R AREA + NON F.A.R
=100.21 + 2.099 + 8.922
= 111.231 SQMT

F.A.R. COVERED AREA CALCULATION FOR CIRCULATION

S.NO.	PARTICULARS							AREA(SQ.M)
1	1= 1a - 1c					=		9.984
1a			2.900	X	3.660	=	11.507	
1b			0.595	X	1.850	=	1.082	
1c			0.595	X	0.925	=	0.541	
							1.623	
2			4.905	X	1.365	=		6.699
3			1.460	X	1.241	=		1.837
4	0.5	X	1.767	X	1.241	=		0.548
7	0.5	X	0.597	X	0.687	=		0.240
8			1.565	X	0.725	=		1.135
9	0.5	X	0.883	X	0.883	=		0.390
10	0.5	X	1.050	X	1.050	=		0.551
11			2.562	X	1.580	=		4.048
12			1.255	X	2.268	=		2.873
13			4.390	X	0.230	=		1.010
14			0.230	X	3.000	=		0.690
15			2.962	X	0.230	=		0.686
16	0.5	X	0.095	X	0.095	=		0.005
17			0.367	X	0.230	=		0.084
18			0.230	X	3.000	=		0.680
19			0.095	X	0.155	=		0.013
20			1.900	X	0.230	=		0.437
21	0.5	X	0.095	X	0.095	=		0.005
22	0.5	X	0.230	X	0.230	=		0.026
23			0.230	X	2.330	=		0.536
24			1.571	X	0.770	=		1.210
25	0.5	X	0.230	X	0.230	=		0.026
26	0.5	X	0.418	X	0.526	=		0.110
27			2.275	X	1.695	=		3.856
28	0.5	X	1.050	X	1.050	=		0.551
29	0.5	X	1.169	X	1.169	=		0.683
30			1.139	X	1.695	=		2.690
31	31= 31b - 31c					=		16.891
31a			5.850	X	3.400	=	19.890	
31b			1.650	X	0.835	=	1.545	
31c			1.650	X	0.835	=	1.545	
							3.090	
32	2	X	0.049	X	1.050	=		0.101
TOTAL F.A.R AREA OF CIRCULATION						=		48.302

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

S.NO.	PARTICULARS							AREA (SQ.M)
CUPBOARDS								
A	2	X	1.460	X	0.550	=		1.606
B	4	X	1.460	X	0.550	=		3.212
B'	4	X	1.115	X	0.550	=		2.453
FIRE STAIRECASE AREA								
C			0.115	X	0.515	=		0.059
D			3.645	X	5.280	=		19.170
LIFTWELL								
E			1.300	X	2.100	=		2.990
F			1.800	X	3.000	=		5.400
LIFT LOBBY								
G			4.390	X	2.515	=		11.041
LOFT AREA								
J	2	X	2.945	X	1.075	=		6.332
B.E. SHAFT								
31b	1	X	1.850	X	0.835	=		1.545
1b	1	X	0.835	X	1.850	=		1.545
Fire SHAFT								
31c	1	X	0.835	X	1.850	=		1.545
1c	1	X	0.585	X	0.925	=		0.541
L.V. SHAFT								
K			1.801	X	0.540	=		0.973
L	0.05	X	0.540	X	0.540	=		0.015
TOTAL AREA								71.797

PLUMBING LEGEND

1	100Ø SOIL & VENT PIPE
2	100Ø WASTE & VENT PIPE
3	150Ø RAIN WATER PIPE
4	COLD WATER SUPPLY DN TAKE
5	80 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)
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

SCHEDULE OF OPENINGS

S.NO.	TYPE	WIDTH	HEIGHT	C/LL	LINTEL	REMARKS
1.	DW1	2700	2500	0300	2800	LIVING ROOM/ DINING ROOM
2.	DW2	2000	2500	0300	2800	BEDROOM
3.	DW3	1975	2500	0300	2800	BEDROOM
4.	DW4	1650	2500	0300	2800	KITCHEN
5.	D1	1000	2100	-	2200	ENTRANCE
6.	D2	1000	2100	-	2200	BEDROOM
7.	D3	900	2100	-	2200	KITCHEN
8.	D4	800	2100	-	2200	TOILET
9.	D5	1200	2100	-	2200	STAIRCASE
10.	D6	750	2000	-	2200	STORE ROOM
11.	D7	600	2000	-	2200	TOILET
12.	W1	1700	1400	1000	2100	MAIR STAIRCASE
13.	W2	2300	1400	1000	2100	FIRE STAIRCASE
14.	W3	900	2200	0300	2500	POOJA STORE
15.	W4	2000	2200	0300	2500	BEDROOM
16.	W5	1400	2200	0300	2500	BEDROOM
17.	W6	1300	2200	0300	2500	BEDROOM
18.	W7	600	2200	0300	2500	BEDROOM
19.	FD1	800	2000	-	2200	FIRE RATED DOOR
20.	V1	600	1000	1200	2200	GLAZED VENTILATOR

NORTH POINT

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NO. OF PRINTS	DATE	ISSUED TO	REMARKS

DATE DESCRIPTION

Greater Noida Industrial Dev. Authority
APPROVED
Vide Letter No. 3919 Dated 5/4/2011
Valid upto Dated 7/4/2012-13

DGM (Plng. & Arch.) Gen. Manager (Plng. & Arch.)
Drawing Checked & Verified By
Ar. D'mello Sr. Ex. (Plng.)

Revalidation
Greater Noida Industrial Dev. Authority
~~APPROVED~~
Vide Letter No. 7327 Dated 11/11/2013
Valid upto Dated ....
DGM (Plng. & Arch.) Gen. Manager (Plng. & Arch.)
Drawing Checked & Verified By
Ar. D'mello (Plng.)

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Director

ARCHITECT SIGN
VISHAL SHARMA ARCHITECT CA-98/23261 9810164866 NEW DELHI

OWNER
M/S EARTHCON UNIVERSAL INFRATECH PVT LTD

SUBMISSION DRAWING

PROJECT
PROPOSED GROUP HOUSING FOR M/S EARTHCON UNIVERSAL INFRATECH PVT. LTD AT PLOT NO. GH-10, SEC-01, GREATER NOIDA, U.P

DATE	PROJECT INCHARGE	CHECKED BY
30-12-2010	DEVESH SHAKYA	DEVESH SHAKYA
SCALE	DRAWN BY	APPROVED BY
1:100	RSR	VISHAL SHARMA

DRAWING TITLE
TOWER-A

9th TO 15th FLOOR PLAN

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ISO 9001: 2000

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