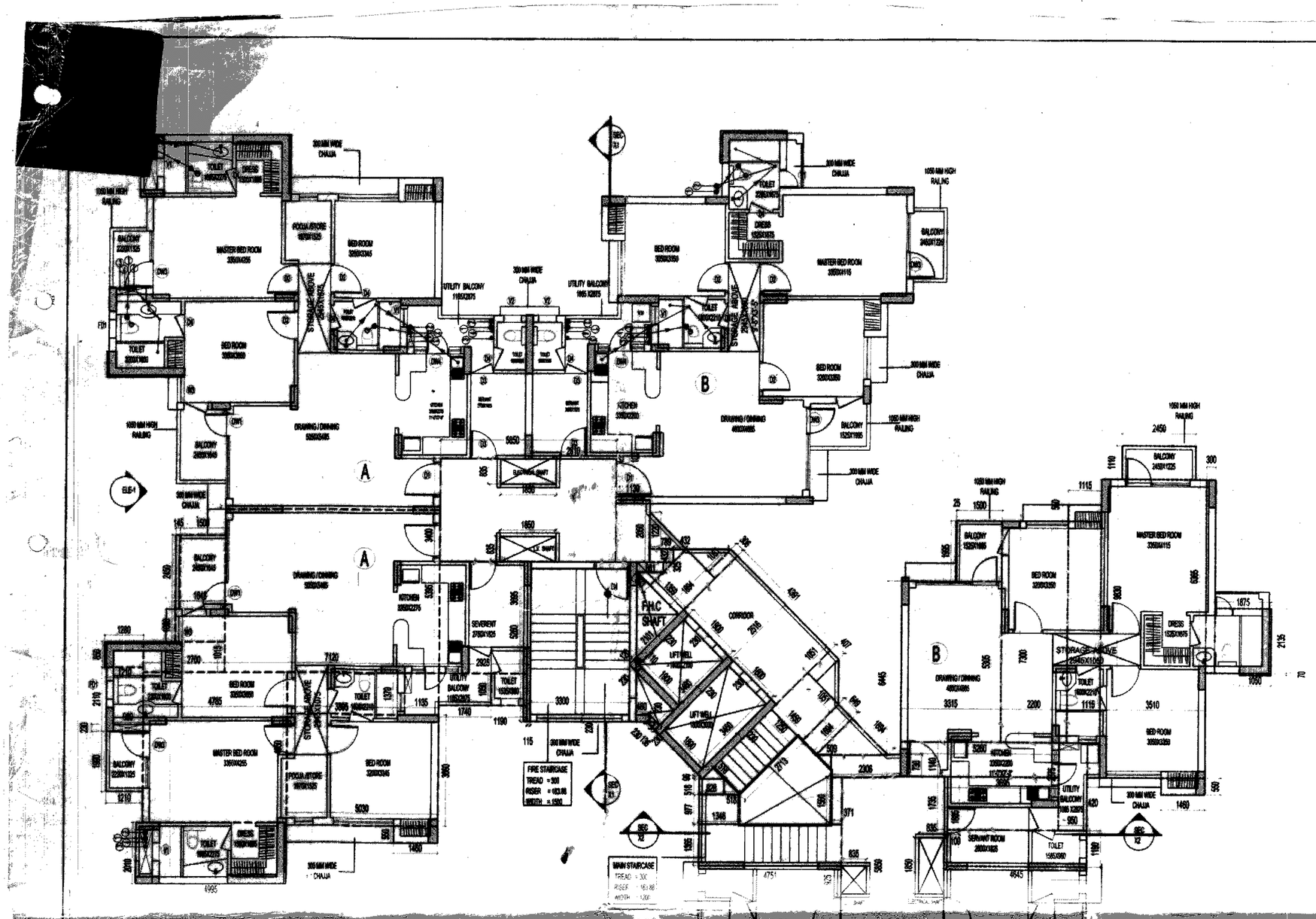
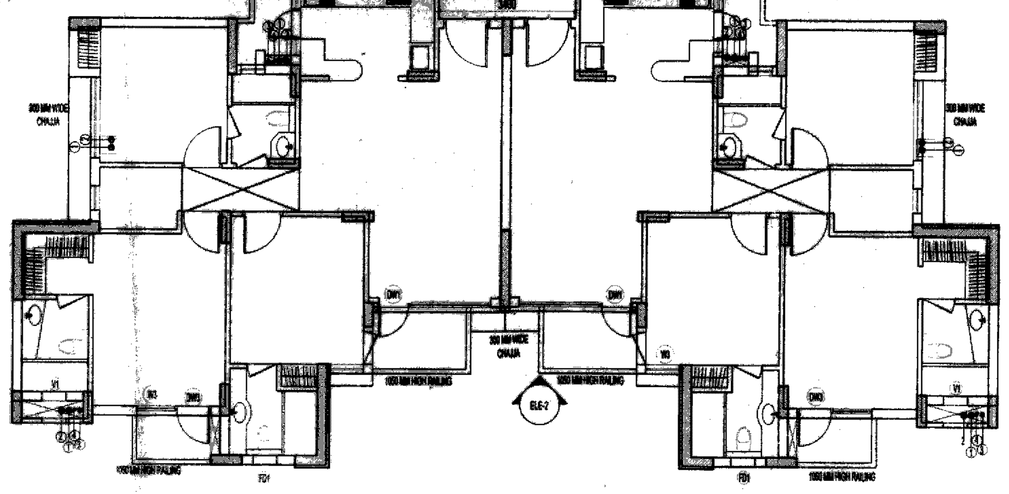
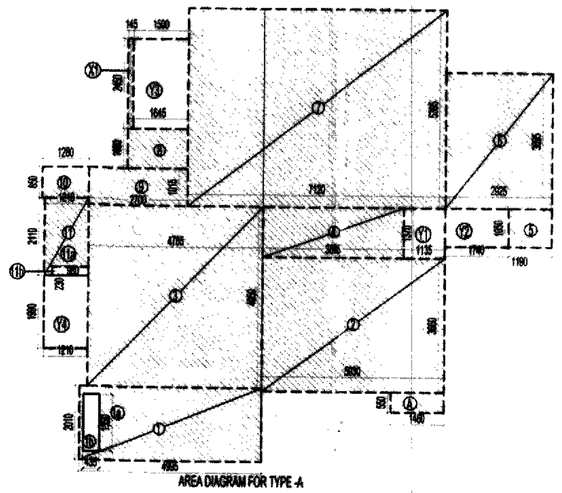
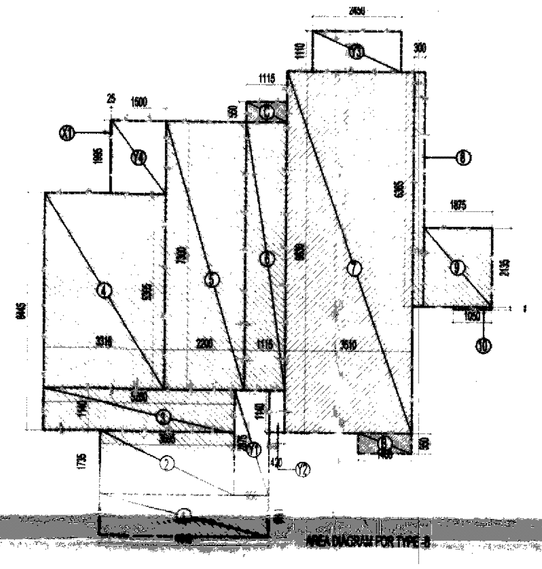






AREA DIAGRAM FOR TYPE -A



AREA DIAGRAM FOR TYPE -B

F.A.R COVERED AREA CALCULATION FOR TYPE - A								
S.NO.	PARTICULARS							AREA (SQ.M)
1	1+ 1a- 1b				=			9.360
1a		4.995	X	2.010	=	10.040		
1b		0.435	X	1.550	=	0.674		
2		5.030	X	3.680	=			18.510
3		4.785	X	4.950	=			23.686
4		3.695	X	1.370	=			5.336
5		1.190	X	1.050	=			1.250
6		2.925	X	3.695	=			10.808
7		7.120	X	5.395	=			38.412
8		1.645	X	1.080	=			1.777
9		2.700	X	1.015	=			2.741
10		1.260	X	0.850	=			1.068
11	11+ 11a- 11b				=			2.326
11a		1.210	X	2.110	=	2.553		
11b		0.990	X	0.230	=	0.225		
TOTAL F.A.R AREA OF TYPE - A					=			116.200

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	1.060	=		1.827
Y3		1.500	X	2.450	=		3.675
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
= 117.299 + 9.465 SQMT
= 126.764 SQMT

F.A.R. COVERED AREA CALCULATION FOR TYPE -B								
S.NO.	PARTICULARS							AREA (SQ.M)
1		4.845	X	1.100	=			5.329
2		3.695	X	1.735	=			6.411
3		5.260	X	1.140	=			5.996
4		3.315	X	5.305	=			17.586
5		2.260	X	7.300	=			16.050
6		1.115	X	7.300	=			8.140
7		3.510	X	9.830	=			34.503
8		0.360	X	5.365	=			1.910
9		1.675	X	2.125	=			4.003
10		1.050	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		0.950	X	2.875	=		2.731
Y2		0.420	X	1.140	=		0.479
TOTAL(B)					=		3.210

GROUND COVERAGE AREA OF - B = F.A.R AREA + NON F.A.R
= 100.210 + 2.099 + 8.922 SQMT
= 111.231 SQMT

AREA CALCULATION TOWARDS 10% ADDITIONAL F.A.R								
S.NO.	PARTICULARS							AREA (SQ.M)
COPRIDORS								
A	4	X	1.480	X	0.500	=		2.912
B	2	X	1.480	X	0.550	=		1.628
C	2	X	1.115	X	0.550	=		1.227
FIRE & ENGINEARS AREA								
A		X	3.207	X	5.280	=		16.930
LIFT LOBBY								
1B			2.576	X	4.291	=		11.048
LOFT AREA								
H	2	X	2.345	X	1.050	=		5.155
I	4	X	2.940	X	1.075	=		12.664
1b			1.050	X	0.925	=		1.540
1c			1.050	X	0.925	=		1.540
4h			1.050	X	0.925	=		1.540
4h			0.850	X	0.925	=		0.772
4h			0.850	X	0.925	=		0.772
J	4		2.000	X	1.000	=		8.000
J	4		2.100	X	1.000	=		8.400
TOTAL AREA						=		67.666

ELE. & FIRE SHAFT

LIFT WELL

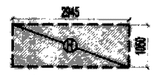
TYPICAL FLOOR F.A.R AREA = TYPE- A X (4) + TYPE-B X (2) + CIRCULATION AREA
= 116.25 X (4) + 101.26 X (2) + 69.820
= 465 + 202.52 + 69.820 SQMT
= 737.34 SQMT

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 CWS RISER PIPE TO CH-TANK
5	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

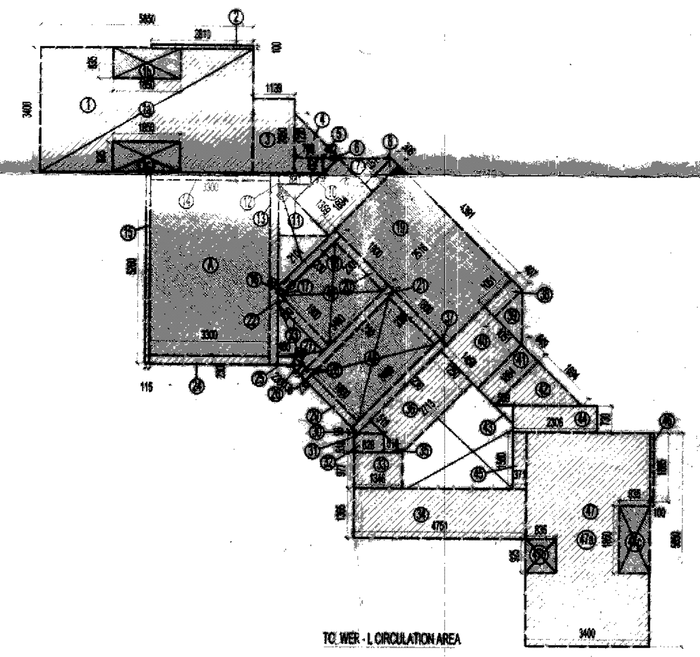
SCHEDULE OF OPENINGS

S.NO.	TYPE	WIDTH	HEIGHT	CILL	LINTEL	REMARKS
1.	DW1	2000	2100	-	2100	LIVING ROOM/DINING ROOM
2.	DW2	1000	2100	300	2100	BEDROOM
3.	DW3	1025	2100	300	2100	BEDROOM
4.	DW4	1200	2100	0/1000	2100	KITCHEN
5.	D1	1000	2100	-	2100	ENTRANCE
6.	D2	1000	2100	-	2100	BEDROOM
7.	D3	800	2100	-	2100	KITCHEN
8.	D4	800	2100	-	2100	TOILET
9.	D5	1200	2100	-	2100	STAIRCASE
9.	W1	1700	1400	1000	2100	MAIN STAIRCASE
10.	W2	2300	1400	1000	2100	FIRE STAIRCASE
	W3	900	1400	1000	2100	BED ROOM
11.	V1	1200	2000	-	2000	FIRE RATED DOOR
12.	FD1	600	1000	1300	2300	GLAZED VENTILATOR

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



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



TO WER - L CIRCULATION AREA

TYPICAL FLOOR AREA DIAGRAM FOR CIRCULATION

F.A.R. COVERED AREA CALCULATION FOR CIRCULATION								
S.NO.	PARTICULARS							AREA (SQ.M)
	1+1a-1b-1c				=			19.867
1a		5.995	X	2.455	=	15.000		
1b		1.050	X	1.325	=	1.392		
1c		1.050	X	1.325	=	1.392		
2		2.415	X	1.215	=			2.935
3		1.130	X	2.200	=			2.486
4	0.5	X	1.225	X	1.225	=		0.749
5			2.198	X	1.100	=		2.417
6	0.5	X	2.432	X	0.432	=		0.525
7	0.5	X	1.351	X	0.351	=		0.237
						=		2.160
12			2.941	X	1.225	=		3.601
13			2.135	X	1.000	=		2.135
14			0.942	X	1.275	=		1.201
15			0.510	X	1.300	=		0.663
16	0.5	X	0.122	X	0.100	=		0.007
17			0.515	X	0.515	=		0.265
18			1.011	X	0.325	=		0.329
19			1.000	X	0.325	=		0.325
20			0.440	X	0.200	=		0.088
21	0.5	X	0.227	X	0.200	=		0.023
22			0.325	X	1.000	=		0.325
23			0.325	X	1.000	=		0.325
24			0.200	X	0.200	=		0.040
25			0.440	X	0.200	=		0.088
26	0.5	X	0.227	X	0.200	=		0.023
27	0.5	X	0.225	X	0.225	=		0.025
28			0.150	X	0.225	=		0.034
29			0.850	X	0.225	=		0.191
30	0.5	X	0.095	X	0.225	=		0.010
31	0.5	X	0.525	X	0.215	=		0.056
32			0.525	X	0.215	=		0.113
33			0.345	X	0.215	=		0.074
34			4.701	X	1.200	=		5.641
35	0.5	X	0.535	X	0.515	=		0.138
36			0.715	X	1.350	=		0.965
37			0.525	X	0.900	=		0.473
38			1.051	X	0.447	=		0.470
39			1.051	X	1.351	=		1.420
40			1.900	X	1.884	=		3.580
41			1.000	X	0.600	=		1.000
42	0.5	X	1.994	X	1.994	=		1.988
43	0.5	X	0.500	X	0.500	=		0.125
44			2.500	X	0.700	=		1.750
45			0.271	X	1.800	=		0.488
46			0.100	X	1.351	=		0.135
47			47+ 47a - 47b - 47c			=		17.273
47a			1.100	X	5.850	=	15.960	
47b			0.325	X	0.925	=	0.772	
47c			0.525	X	1.850	=	1.942	
CIRCULATION						=		69.820

NORTH POINT

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	DATE		BY

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Drawing Checked & Verified By
By D'man — Dy. Dir. (Plng)

Revalidation
Greater Noida Industrial Dev. Authority
BP-232 APPROVED
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TOWER-L

TYPICAL FLOOR

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