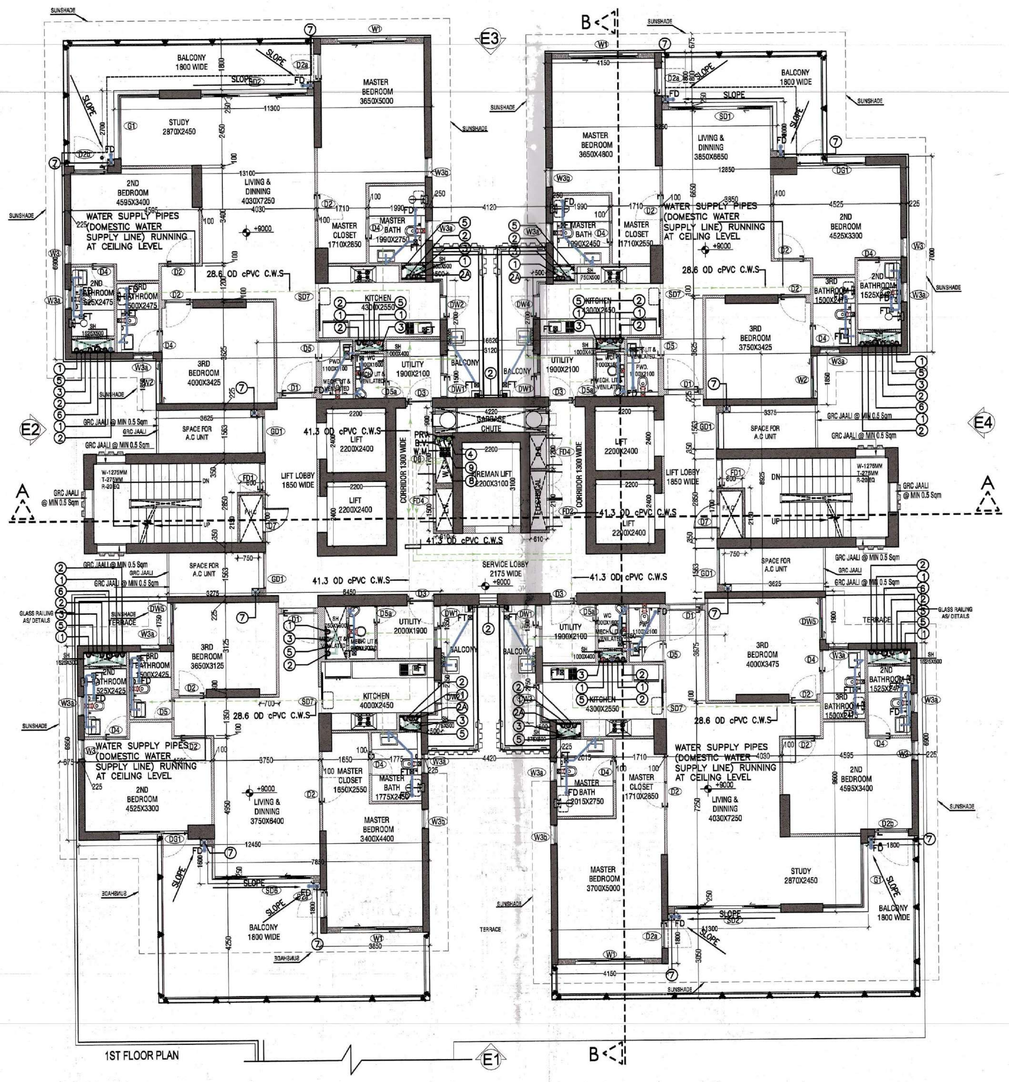
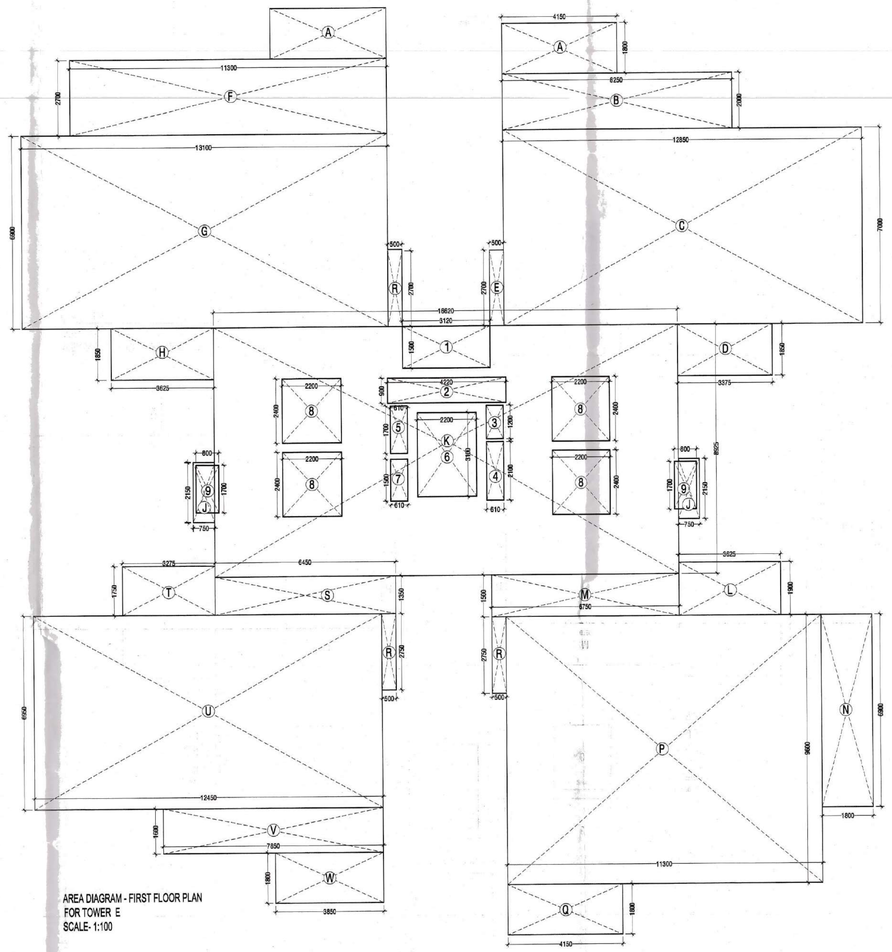


1ST FLOOR PLAN



AREA DIAGRAM - FIRST FLOOR PLAN
FOR TOWER E
SCALE- 1:100

F.A.R AREA ON 1ST FLOOR-TOWER E

NO.	TYPE	WIDTH (in mm)	LENGTH (in mm)	Nos.	AREA In SqM
COVERED AREA ON FLOOR					
ADDITIONS					
A	RECTANGLE	4150	1800	2	14.940
B	RECTANGLE	8250	2000	1	16.500
C	RECTANGLE	12850	7000	1	89.950
D	RECTANGLE	3375	1850	1	6.244
E	RECTANGLE	500	2700	1	1.350
F	RECTANGLE	11300	2700	1	30.510
G	RECTANGLE	13100	6900	1	90.390
H	RECTANGLE	3625	1850	1	6.706
J	RECTANGLE	750	2150	2	3.225
K	RECTANGLE	16620	8925	1	148.334
L	RECTANGLE	3625	1900	1	6.888
M	RECTANGLE	6750	1500	1	10.125
N	RECTANGLE	1800	6900	1	12.420
P	RECTANGLE	11300	9600	1	108.480
Q	RECTANGLE	4150	1800	1	7.470
R	RECTANGLE	500	2750	3	4.125
S	RECTANGLE	6450	1350	1	8.708
T	RECTANGLE	3275	1750	1	5.731
U	RECTANGLE	12450	6950	1	86.528
V	RECTANGLE	7850	1600	1	12.560
W	RECTANGLE	3850	1800	1	6.930
TOTAL ADDITIONS (A)					678.112
CUTOUTS					
1	RECTANGLE	3120	1500	1	4.680
2	RECTANGLE	4220	900	1	3.798
3	RECTANGLE	610	1200	1	0.732
4	RECTANGLE	610	2100	1	1.281
5	RECTANGLE	610	1700	1	1.037
6	RECTANGLE	2200	3100	1	6.820
7	RECTANGLE	610	1500	1	0.915
8	RECTANGLE	2200	2400	4	21.120
9	RECTANGLE	800	1700	2	2.720
TOTAL CUTOUTS (B)					43.103
F.A.R AREA ON 1ST FLOOR C = A - B					635.009

F.A.R AREA ON TYP.(2ND TO 21ST) FLOOR-TOWER E

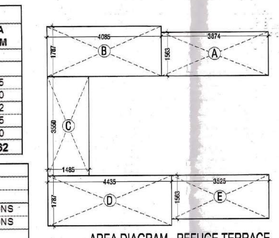
NO.	TYPE	WIDTH (in mm)	LENGTH (in mm)	Nos.	AREA In SqM
COVERED AREA ON FLOOR					
ADDITIONS					
A	RECTANGLE	4150	1800	2	14.940
B	RECTANGLE	8250	2000	1	16.500
C	RECTANGLE	12850	7000	1	89.950
D	RECTANGLE	3375	1850	1	6.244
E	RECTANGLE	500	2700	1	1.350
F	RECTANGLE	11300	2700	1	30.510
G	RECTANGLE	13100	6900	1	90.390
H	RECTANGLE	3625	1850	1	6.706
J	RECTANGLE	750	2150	2	3.225
K	RECTANGLE	16620	8925	1	148.334
L	RECTANGLE	3625	1900	1	6.888
M	RECTANGLE	6750	1500	1	10.125
N	RECTANGLE	1800	6900	1	12.420
P	RECTANGLE	11300	9600	1	108.480
Q	RECTANGLE	4150	1800	1	7.470
R	RECTANGLE	500	2750	3	4.125
S	RECTANGLE	6450	1350	1	8.708
T	RECTANGLE	3275	1750	1	5.731
U	RECTANGLE	12450	6950	1	86.528
V	RECTANGLE	7850	1600	1	12.560
W	RECTANGLE	3850	1800	1	6.930
TOTAL ADDITIONS (A)					678.112
CUTOUTS					
1	RECTANGLE	1525	500	4	3.050
2	RECTANGLE	750	500	1	0.375
3	RECTANGLE	1000	400	2	0.800
4	RECTANGLE	3120	1500	1	4.680
5	RECTANGLE	4220	900	1	3.798
6	RECTANGLE	2200	3100	1	6.820
7	RECTANGLE	610	1200	1	0.732
8	RECTANGLE	610	2100	1	1.281
9	RECTANGLE	610	1700	1	1.037
10	RECTANGLE	610	1500	1	0.915
11	RECTANGLE	2200	2400	4	21.120
12	RECTANGLE	850	500	1	0.425
13	RECTANGLE	800	1700	2	2.720
14	RECTANGLE	1000	400	1	0.400
15	RECTANGLE	750	1900	1	1.425
16	RECTANGLE	775	500	1	0.388
17	RECTANGLE	875	500	1	0.438
TOTAL CUTOUTS (B)					50.403
F.A.R AREA ON 2ND TO 21ST. FLOOR C =A - B					627.709

REFUGE TERRACE AREA

NO.	TYPE	WIDTH (in mm)	LENGTH (in mm)	Nos.	AREA In SqM
COVERED AREA ON FLOOR					
ADDITIONS					
A	RECTANGLE	3874	1583	1	6.055
B	RECTANGLE	4085	1787	1	7.300
C	RECTANGLE	1485	3550	1	5.272
D	RECTANGLE	4435	1787	1	7.925
E	RECTANGLE	3525	1563	1	5.510
TOTAL ADDITIONS (A)					32.062

REFUGE AREA CALCULATION -TOWER E

COVERED AREA ON TYPICAL FLOOR =	627.709	SQM
COVERED AREA FOR 2- FLOORS=	1255.419	SQM
DENSITY @ 12.5 SQM=	100.43348	PERSONS
POPULATION ON TWO FLOORS SAY =	101	PERSONS
REFUGE AREA REQUIRED @0.35QM PER PERSON & 0.95QM FOR HANDICAPE =	31.200	SQM
REFUGE AREA PROVIDED =	32.062	SQM

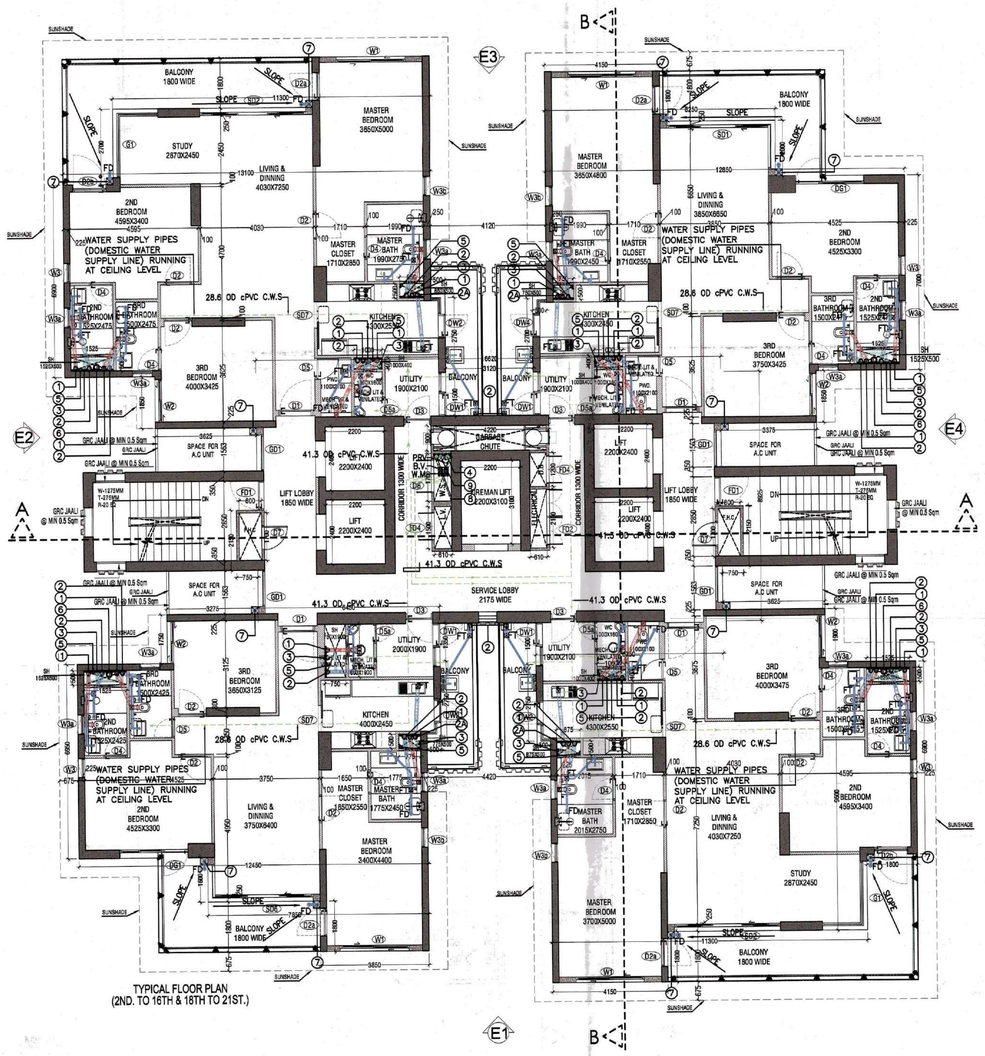


AREA DIAGRAM - REFUGE TERRACE

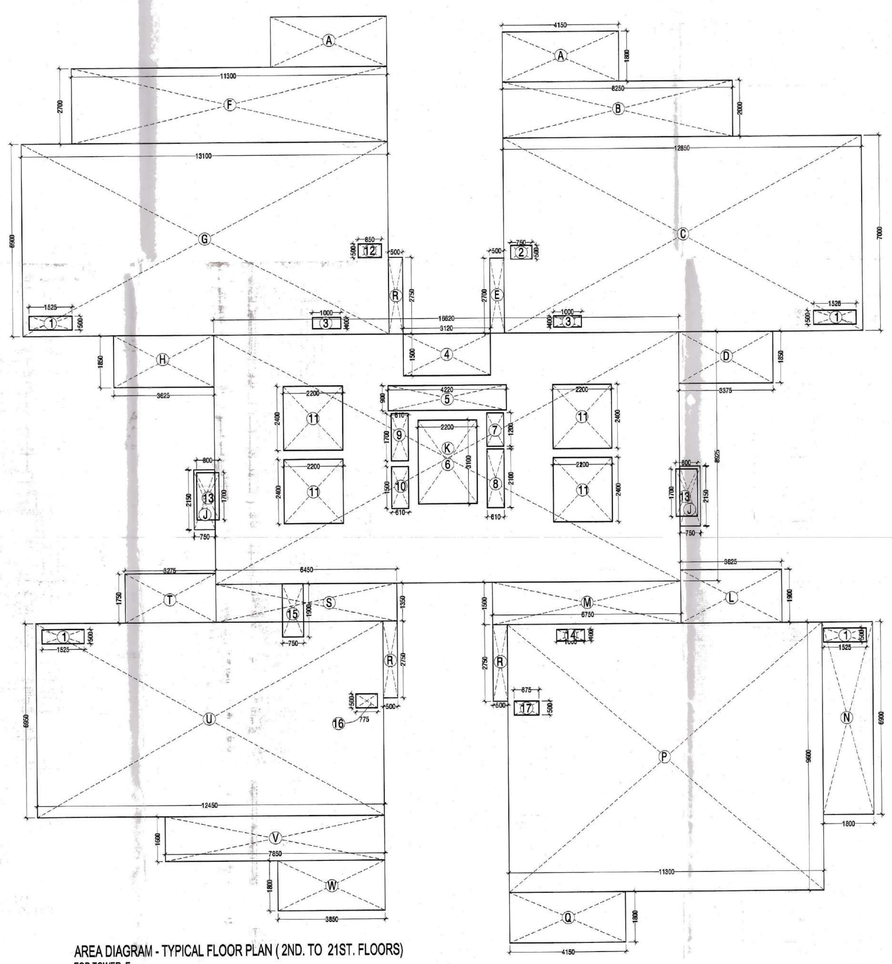
NOTE : WC, BATH & POWDER ROOM MECHANICALLY LIT & VENTILATED

TYPICAL FLOOR OPENING SCHEDULE

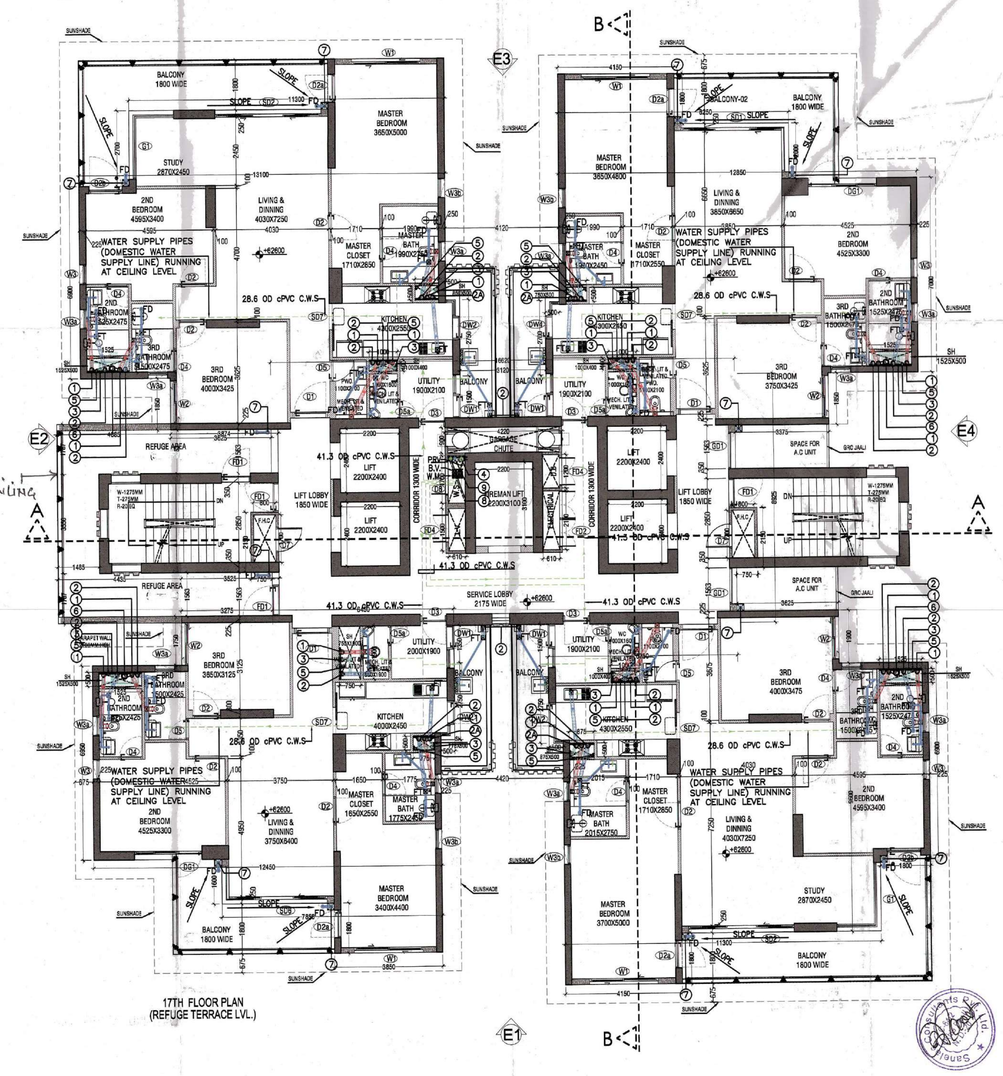
BKS	NOMENCLATURE	ROUGH OPENING - WIDTH	HEIGHT	QTY.	SILL	LINTEL	TYPE	LOCATION
1	D1	1200	2400	02	0000	2100	WOOD	BATHROOM
2	D2	1000	2100	02	0000	2100	WOOD	BED ROOM
3	D3	900	2100	02	0000	2100	WOOD	UTILITY ENT.
4	D4	850	2100	02	0000	2100	WOOD	TOILET
5	D5	750	2100	02	0000	2100	WOOD	PWD. RM.
6	D6a	750	2100	02	0000	2100	WOOD	UTILITY TOIL.
7	D6	1900	2400	02	0000	2400	UPVC/ALUM.	LIFT LOBBY EXT.
8	D7	900	2000	02	0000	2100		PHE
9	D8	1200	2000	02	0000	2100		WATER SUPPL SHAFT
10	D9	1200	2100	02	0000	2400	UPVC	TERRACE
11	D1a	1200	2400	02	0000	2400	WOOD (UPV)	ENT. LOBBY
12	D2a	1000	2600	02	0000	2600	UPVC	BALCONY
13	D2b	1000	2600	02	0000	2600	UPVC	BALCONY
14	D3a	900	2100	02	0000	2100	WOOD (UPV)	ENT. LOBBY
15	D3b	2400	2600	02	0000	2600	UPVC	BALCONY
16	D4b	1800	2400	02	0000	2400	UPVC/ALUM.	ENT. LOBBY
17	D4a	1000	2600	02	0000	2600	UPVC	UTILITY BAL.
18	D4b	1800	2600	02	0000	2600	UPVC	UTILITY BAL.
19	D4b	2100	2600	02	0000	2600	UPVC	UTILITY BAL.
20	D4b	2000	2600	02	0000	2600	UPVC	UTILITY BAL.
21	D5a	1000	2600	02	0000	2600	UPVC	1ST FLOOR
22	BD1	0100	2600	02	0000	2600	UPVC	BALCONY
23	BD2	3750	2600	02	0000	2600	UPVC	BALCONY
24	BD4	7500	2600	02	0000	2600	UPVC	BOOSP UNIT
25	BD5	4400	2600	02	0000	2600	UPVC	BALCONY
26	BD7	900	2100	02	0000	2100	WOOD	KITCHEN
27	W1	2400	2400	02	0000	2600	UPVC	MASTER BEDROOM
28	W2	1800	2400	02	0000	2600	UPVC	BEDROOM
29	W3	700	1400	02	0000	2600	UPVC	2ND. BEDROOM
30	W3a	700	1400	02	0000	2600	UPVC	TOILET
31	W3b	700	1700	02	0000	2600	UPVC	MASTER BEDROOM
32	W4	1000	1400	02	0000	2600	UPVC	BEDRM. BOOSP UNIT
33	D1	3600	2400	02	0000	2600	UPVC	STUDY
34	D2	4000	2400	02	0000	2600	UPVC	BOOPS UNIT
35	D3	8000	2400	02	0000	2600	UPVC	ST-01
36	D4	1800	2400	02	0000	2400	UPVC/ALUM.	ENT. LOBBY
37	FD1	1000	2100	02	0000	2100		STAIR CASE
38	FD2	2000	2000	02	0000	2100		ELECTRICAL SHAFT
39	FD4	1000	2000	02	0000	2100		LV. SHAFT
40	D31	1300	2000	02	0000	2100	METAL	LIFT LOBBY
41	D35	2750	2400	02	0000	2400	UPVC/ALUM.	LIFT LOBBY-S.F.



TYPICAL FLOOR PLAN
(2ND. TO 16TH & 18TH TO 21ST.)



AREA DIAGRAM - TYPICAL FLOOR PLAN (2ND. TO 21ST. FLOORS)
FOR TOWER E
SCALE- 1:100



17TH FLOOR PLAN
(REFUGE TERRACE LVL.)

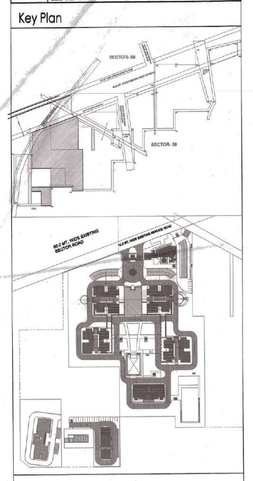
Notes

1. ALL LIFTS SHALL HAVE 100% POWER BACK-UP.
2. ALL ELECTRICAL INSTALLATIONS SHALL BE AS PER PROVISIONS OF NBC.
3. VENTILATION IN BASEMENTS SHALL BE AS PER RELEVANT NBC PROVISIONS 12- 15 ARI CHANGES PER HOUR FOR NORMAL OPERATION 30 ARI CHANGES PER HOUR FOR OPERATION IN CASE OF FIRE
4. FIRE-FIGHTING / SAFETY PROVISIONS WILL BE AS PER RELEVANT NBC PROVISIONS
5. BUILDING STRUCTURE DESIGNED EARTH QUAKE RESISTANT
6. ALL RAMPS ARE IN 1:10 SLOP FOR CARS & 1:20 FOR HANDICAPS UNTIL UNLESS SPECIFIED
7. 200 mm WIDE (AAC) BLOCKS SHALL BE USED FOR EXTERNAL WALLS & 100 MM WIDE (AAC) BLOCKS SHALL BE USED FOR INTERNAL WALLS
8. KITCHEN & TOILETS EXHAUST FAN PROVIDED / MECHANICALLY LIT & VENTILATED.

LEGEND

SYMBOL	DESCRIPTION
	110 OD SOIL AND VENT PIPE
	110 OD WASTE AND VENT PIPE
	90 OD ANTI/SYPHONAGE PIPE
	COLD WATER SUPPLY PIPE
	DOMESTIC WATER SUPPLY DN. TAKE PIPE FOR TOP THREE FLOORS (PRESSURE SUPPLY)
	FLUSHING WATER SUPPLY PIPE
	160 OD uPVC TERRACE RAIN WATER PIPE
	110 OD uPVC RAIN WATER PIPE (BALCONY)
	DOMESTIC WATER SUPPLY RISER
	FLUSHING WATER SUPPLY RISER
	110 OD WASTE AND VENT PIPE FOR KITCHEN
FD	FLOOR DRAIN
FT	FLOOR TRAP
	LEDGE WALL

Key Plan



Architects Signature
Harshit Parikh, Architect
Council of Architecture
Registration No.:- CA/2017/87556

Owner's Signature

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Job Title
"PROPOSED BUILDING PLAN OF GROUP HOUSING SCHEME ON PART LAND MEASURING 7.78 ACRES " OF "COMBINED ZONING PLAN OF GROUP HOUSING COLONY AREA MEASURING 17.58 ACRES [LICENCE NO. 14 OF 2008 DATED 31.01.2008 + 11.50 ACRES [LICENCE NO. 28 OF 2008 DATED 17.03.2008 + 4.725 ACRES [LICENCE NO. 44 OF 2011 DATED 13.05.2011 + 34.175 ACRES IN SECTOR-89, GURGAON MANESAR URBAN COMPLEX BEING DEVELOPED BY COMMANDER -REALTORS PVT. LTD., ORNAMENTAL REALTORS PVT. LTD., BYVI BUILDWELL PVT. LTD., GOLDEN VIEW BUILDERS PVT. LTD., FIVE RIVER DEVELOPERS PVT. LTD., BULLI REALTORS PVT. LTD., FIVE RIVER BUILDCON PVT. LTD., ASPIRANT BUILDERS PVT. LTD., ADSON SOFTWARE PVT. LTD., HI-ENERGY REALTORS PVT. LTD. & FIVE RIVER TOWNSHIP PVT. LTD., IN COLLABORATION WITH BY BASE EXPORTS PVT. LTD. & BUZZ HOTELS PVT. LTD."

Drawing Title
TYP. FLOOR PLANS(1ST.TO 21ST.) & AREA DIAGRAM
TOWER E

Job No. 2011/68		Drawing No. A-40
Drawn ASHOK	Checked LABIB	
Date 10.10.2018	Scale 1:100	Revisions 0