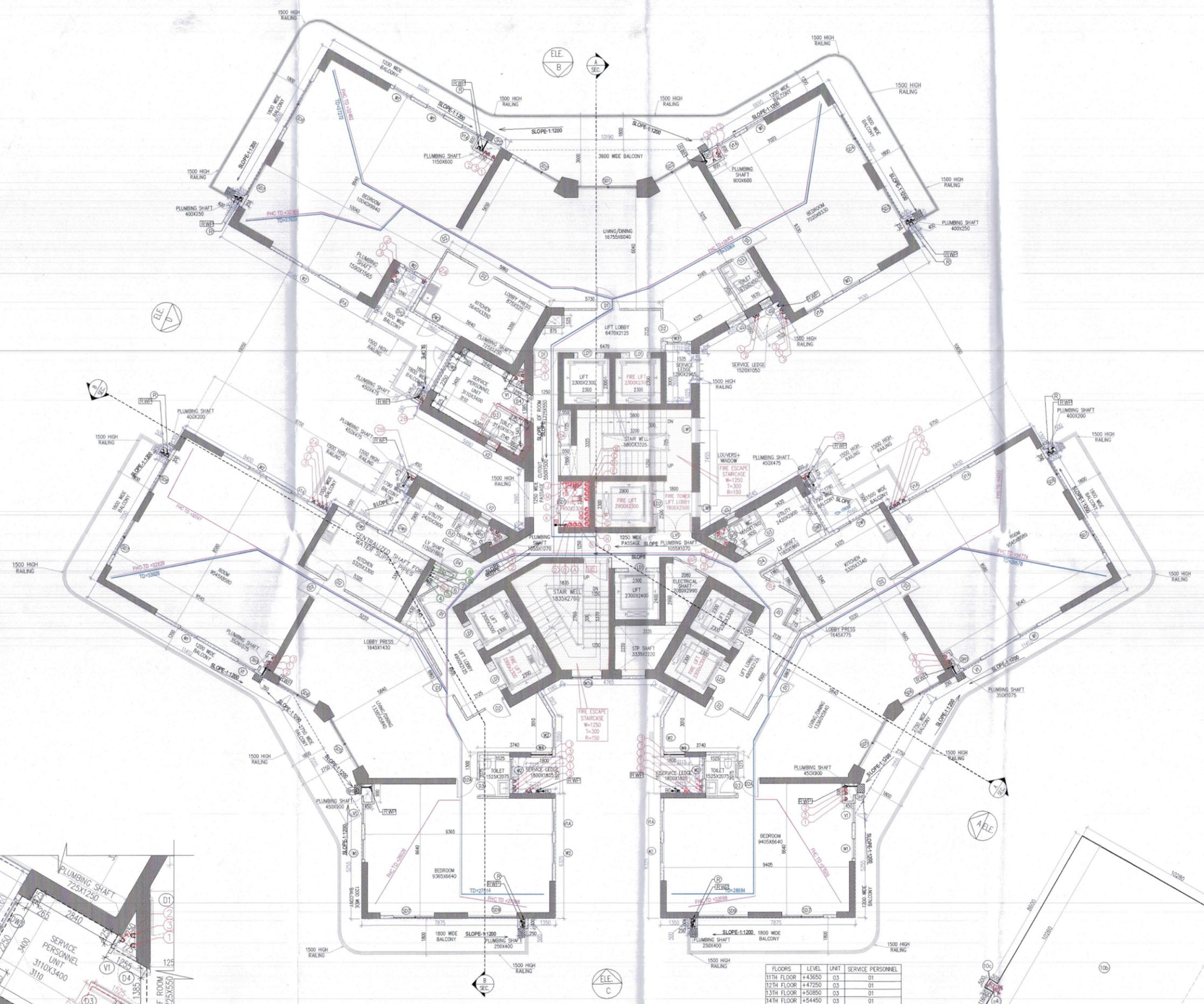
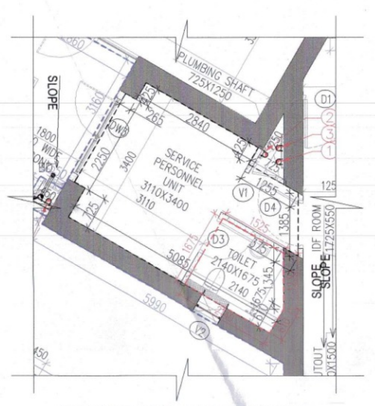
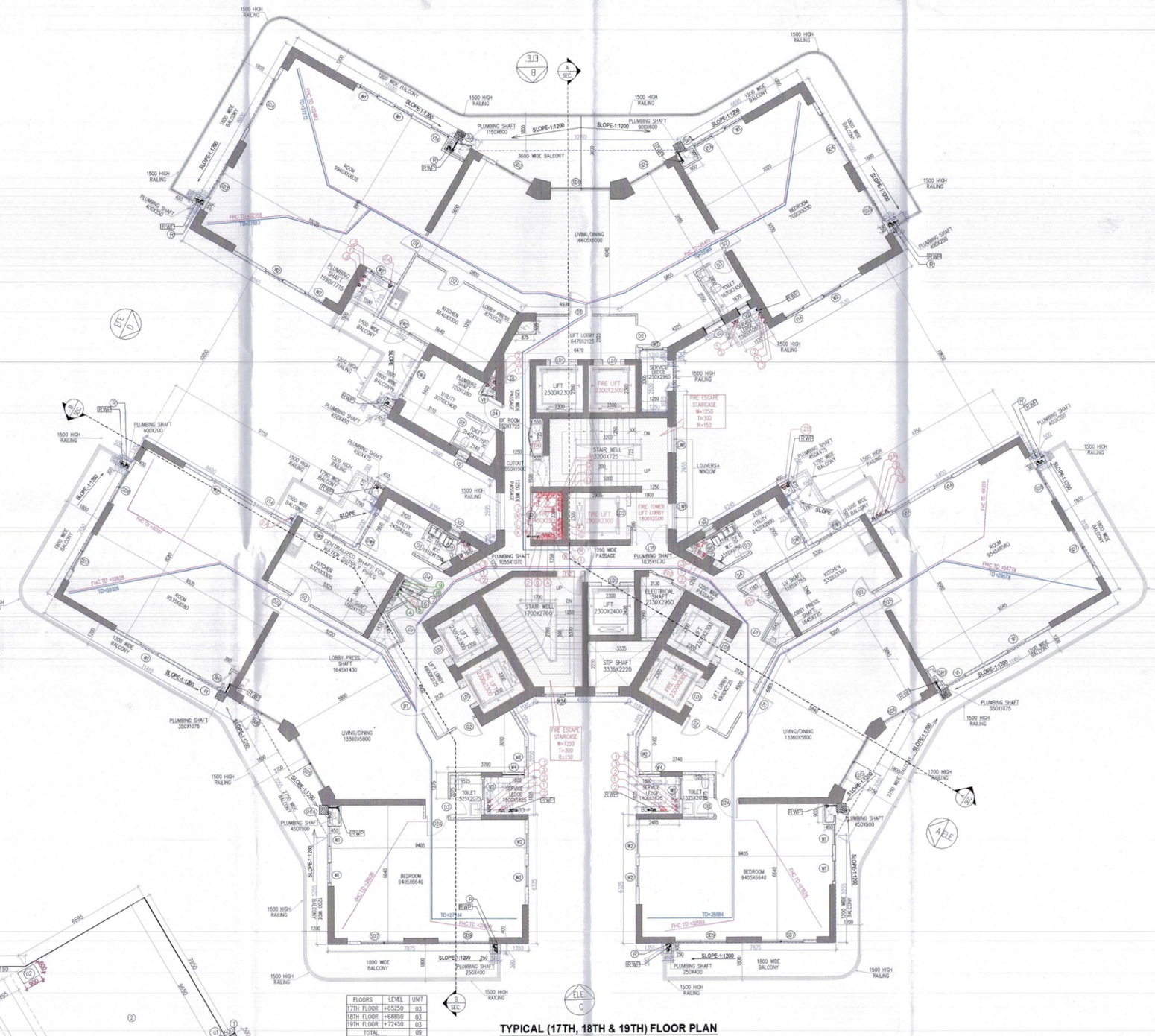


TYPICAL (11TH TO 15TH) FLOOR PLAN
TOWER-B
NO OF UNIT = 03

FLOORS	LEVEL	UNIT	SERVICE PERSONNEL
11TH FLOOR	+43650	03	01
12TH FLOOR	+47250	03	01
13TH FLOOR	+50850	03	01
14TH FLOOR	+54450	03	01
15TH FLOOR	+58050	03	01
TOTAL		15	05

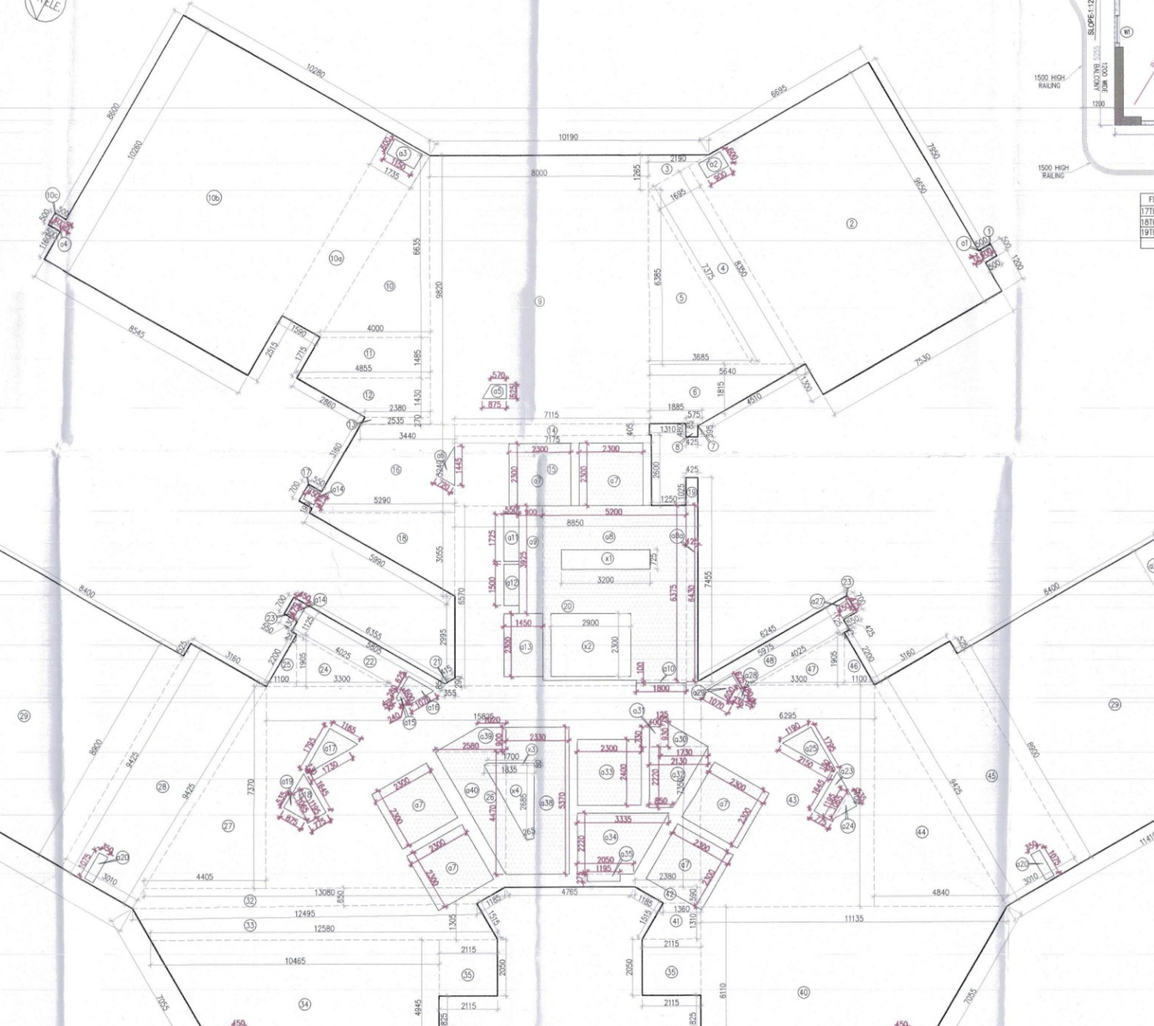


SERVICE PERSONNEL UNIT (BLOW UP)
SCALE:- 1:50



TYPICAL (17TH, 18TH & 19TH) FLOOR PLAN
TOWER-B
NO OF UNIT = 03

FLOORS	LEVEL	UNIT
17TH FLOOR	+57250	03
18TH FLOOR	+60850	03
19TH FLOOR	+72450	03
TOTAL		09



TYPICAL (11TH TO 15TH , 17TH TO 19TH) FLOOR AREA

Tag		Width (MM)	Height (MM)	Sill (MM)	Lintel (MM)	DOOR TYPE	OPENING TYPE	LOCATION
						SCHEDULE OF DOOR FIRE RATED DOORS		
D2		1080	2480	0	2480	WOODEN FLUSH DOOR	SINGLE LEAF DOOR	BEDROOMS
D2A		1080	2480	0	2480	WOODEN FLUSH DOOR (SHUTTER)	SINGLE LEAF DOOR	BEDROOMS
D3		860	2480	0	2480	WOODEN FLUSH DOOR	SINGLE LEAF DOOR	TOILETS ENTRANCE
						SCHEDULE OF WINDOWS		
W1A		1000	2180	600	2780	FIXED WINDOW / OPENABLE	FIXED PANEL/ OPENABLE + GLASS	TOILET
W1		1000	2180	600	2780	FIXED WINDOW / OPENABLE	FIXED PANEL/ OPENABLE + GLASS	MAIN / CLEAR FACADE
W2		1000	1680	900	2780	FIXED WINDOW / OPENABLE	FIXED PANEL/ OPENABLE + GLASS	BACK FACADES
W2A		1000	1680	900	2780	FIXED WINDOW / OPENABLE	FIXED PANEL/ OPENABLE + GLASS	STAIRCASE 2
W4		1080	1680	900	2780	OPENABLE	OPENABLE + GLASS	STUDY
						SCHEDULE OF SLIDING DOORS		
SD1		2460	2780	0	2780	SLIDING DOOR ALUMINUM + GLASS	SLIDING PANEL	LIVING AREA
SD2		2000	2780	0	2780	SLIDING DOOR ALUMINUM + GLASS	SLIDING PANEL	DINING AREA
SD3		1800	2780	0	2780	SLIDING DOOR ALUMINUM + GLASS	SLIDING PANEL	MASTER BEDROOM
SD4		2700	2780	0	2780	SLIDING DOOR ALUMINUM + GLASS	SLIDING PANEL	BEDROOM 2
SD5		2900	2780	0	2780	SLIDING DOOR ALUMINUM + GLASS	SLIDING PANEL	LIVING AREA
SD6		2280	2780	0	2780	SLIDING DOOR ALUMINUM + GLASS	SLIDING PANEL	DINING AREA
SD7		2080	2780	0	2780	SLIDING DOOR ALUMINUM + GLASS	SLIDING PANEL	MASTER BEDROOM
SD8		1800	2780	0	2780	SLIDING DOOR ALUMINUM + GLASS	SLIDING PANEL	BEDROOM 2
SD9		2480	2780	0	2780	SLIDING DOOR	SLIDING PANEL	BEDROOM 2
						SCHEDULE OF EXTERNAL DOOR/ WINDOWS & VENTILATORS		
DW1	DOOR	1080	2780	0	2780	HINGED GLASS DOOR / WINDOW	SINGLE SHUTTER DOOR, OPENABLE OUTSIDE + FIXED WINDOW	KITCHEN/UTILITY ROOM
	WINDOW	600	2180	600	2780			
DW2	DOOR	1080	2780	0	2780	HINGED GLASS DOOR / WINDOW	SINGLE SHUTTER DOOR, OPENABLE OUTSIDE + FIXED WINDOW	KITCHEN/UTILITY ROOM
	WINDOW	1000	1680	900	2780			
DW3	DOOR	1080	2780	0	2780	HINGED GLASS DOOR / WINDOW	SINGLE SHUTTER DOOR, OPENABLE OUTSIDE + FIXED WINDOW	KITCHEN/UTILITY ROOM
	WINDOW	1000	1680	900	2780			
						SCHEDULE OPENGITS		
SHT		850	2000	100	2780	SINGLE SHUTTER DOOR	SINGLE SHUTTER DOOR	TOILET
SHT2		1000	2000	100	2780	SINGLE SHUTTER DOOR	SINGLE SHUTTER DOOR	SERVICE
						SCHEDULE OF VENTILATORS		
V1		1000	1680	800	2480	OPENABLE	OPENABLE GLASS PANEL	TOILET
V1A		1000	1080	900	2480	OPENABLE	OPENABLE GLASS PANEL	TOILET
V2		1000	580	1680	2480	OPENABLE	OPENABLE GLASS PANEL	TOILET
						SCHEDULE OF FIRE RATED DOOR		
D1		1080	2780	0	2780	WOODEN FLUSH DOOR (MIN. 2HR. FIRE RATING)	SINGLE LEAF DOOR	UNIT ENTRANCE
D4		1080	2780	0	2780	WOODEN FLUSH DOOR (MIN. 2HR. FIRE RATING)	SINGLE LEAF DOOR	UTILITY ROOM
FD2		900	2300	100	2480	METAL DOOR WITH VISION PANEL (MIN. 2HR. FIRE RATING	SINGLE SHUTTER, OPENABLE OUTSIDE	ELECTRICAL SHAFT
FD3		900	2300	100	2480	METAL DOOR (MIN. 2HR. FIRE RATING	SINGLE SHUTTER, OPENABLE OUTSIDE	LV SHAFT
FD4		1800	2300	100	2480	METAL FIRE DOOR (MIN. 2HR. FIRE RATING	SINGLE SHUTTER, OPENABLE OUTSIDE	ICF ROOM
FD5		2000	2300	100	2480	METAL FIRE DOOR (MIN. 2HR. FIRE RATING	SINGLE SHUTTER, OPENABLE OUTSIDE	ICF ROOM
						SCHEDULE OF GLASS DOOR		
GD-1		900	2030	100	2480	SINGLE SHUTTER, OPENABLE DOOR	GLASS DOOR W/ SPEX	FHC
						SCHEDULE OF LOUVERS / DOOR		
LV1		1080	2480	0	2800	LOUVERED DOOR	DOUBLE SHUTTER, OPENABLE INSIDE	FIRE ESCARGUE LOBBY
LV2		1800	2480	0	2800	LOUVERED DOOR	DOUBLE SHUTTER, OPENABLE INSIDE	EMERGUNCE SHAFT
LV3		770	2480	0	2800	LOUVERED DOOR	SINGLE SHUTTER, OPENABLE INSIDE	UNIT ENTRANCE/DOOR
						SCHEDULE OF LOUVERED DOOR+WINDOW		
LW1	LOUVERS	1270	2480	0	2480	HINGED GLASS + LOUVER / WINDOW	DOUBLE SHUTTER, OPENABLE OUTSIDE	FIRE ESCARGUE LOBBY
	WINDOW	1178	1680	900	2480			
						SCHEDULE OF LIFT OPENINGS		
LIFT		800	2480	0	2480	AS PER VENDOR'S	AS PER VENDOR'S	LIFTS
LIFT		900	2480	0	2480	AS PER VENDOR'S	AS PER VENDOR'S	LIFTS



SERVICE
PERSONNEL UNIT
TYPICAL (11TH TO 15TH) FLOOR PLAN
TOWER-B

TOILET CARPET AREA (SERVICE PERSONAL UNIT)
GROSS-A

1	1	1	X	1.525	X	1.675	=	2.554
2	0.5	X	0.610	+	1.675	X	0.615	=	0.782
TOTAL								=	3.256

PLUMBING VERTICAL PIPES SCHEDULES:-

1	CR	100Ø SOIL PIPE
2	CR	100Ø WASTE PIPE
2A	CR	100Ø KITCHEN WASTE PIPE
2B	CR	100Ø UTILITY WASTE PIPE
3	CR	100Ø VENT PIPE
4	CR	DOMESTIC WATER SUPPLY MAIN PIPE
5	CR	DOMESTIC WATER SUPPLY BRANCH PIPE
6	CR	FLUSHING WATER SUPPLY MAIN PIPE
7	CR	FLUSHING WATER SUPPLY BRANCH PIPE
8	CR	DOMESTIC WATER RISER TO OHT
9	CR	FLUSHING WATER RISER TO OHT
R	CR	ROOF RAIN WATER PIPE
RWP	CR	BALCONY RAIN WATER PIPE
WC	FD	WC DROP OUTOUT SIZE 150x150mm
FT	FD	FLOOR TRAP OUTOUT SIZE 150x150mm
FD	FD	FLOOR DRAIN CUTOUT SIZE 100x100mm
WB	FD	WASH BASIN OUTOUT SIZE 75x75MM
BD	FD	BALCONY DRAIN
		RAIN WATER KHURRA SIZE 450X450 MM

SERVICE PERSONNEL UNIT AREATYPICAL (11TH TO 15TH) FLOOR PLAN

GROSS – A									
1	1	X		0.265		X	2.250	=	0.596 SQM
2	1	X		2.840		X	0.425	=	1.207 SQM
3	0.5	X	1.385	+	1.385	X	0.325	=	0.450 SQM
4	0.5	X	5.085	+	3.720	X	2.365	=	10.412 SQM
5	1	X		5.085		X	0.610	=	3.102 SQM
							TOTAL	=	15.767 SQM

FAR AREA OF TYPICAL FLOOR (11TH TO 15TH & 17TH TO 19TH) AREA CALCULATION

GROSS – A									
1	1	X				X	0.500	=	2.275 SQM
2	1	X		7.550		X	9.850	=	72.993 SQM
3	0.5	X		2.190		X	1.385	=	3.033 SQM
4	0.5	X	8.330	+	7.375	X	1.695	=	13.327 SQM
5	0.5	X		8.330		X	8.385	=	69.836 SQM
6	0.5	X	0.540	+	1.665	X	1.740	=	3.791 SQM
7	0.5	X	1.665	+	0.540	X	1.045	=	2.021 SQM
8	1	X		0.425		X	0.340	=	0.145 SQM
9	1	X		8.000		X	8.800	=	70.560 SQM
10	0.5	X		1.000		X	8.850	=	13.462 SQM
10a	0.5	X	1.590	+	1.735	X	7.785	=	12.943 SQM
10b	1	X		1.590		X	0.340	=	0.541 SQM
10c	1	X		1.735		X	2.365	=	4.103 SQM
11	0.5	X	4.000	+	4.665	X	1.485	=	6.575 SQM
12	0.5	X	4.665	+	2.380	X	1.420	=	5.173 SQM
13	0.5	X	3.380	+	2.535	X	2.270	=	6.864 SQM
14	1	X		3.380		X	2.365	=	7.994 SQM
15	1	X		2.840		X	2.540	=	7.214 SQM
16	0.5	X	5.440	+	5.390	X	1.695	=	14.143 SQM
17	1	X		5.440		X	0.340	=	1.850 SQM
18	0.5	X		5.390		X	3.255	=	8.080 SQM
19	1	X		0.425		X	1.225	=	4.436 SQM
20	0.5	X		8.850		X	8.370	=	58.145 SQM
21	0.5	X	6.290	+	6.085	X	1.695	=	10.524 SQM
22	0.5	X	6.855	+	4.335	X	1.695	=	9.539 SQM
23	0.5	X		6.703		X	0.850	=	5.775 SQM
24	0.5	X		3.500		X	1.955	=	3.143 SQM
25	0.5	X		1.100		X	1.905	=	1.048 SQM
26	1	X		13.805		X	7.350	=	118.314 SQM
27	0.5	X		4.405		X	1.275	=	16.232 SQM
28	0.5	X	3.180	+	3.010	X	1.695	=	10.498 SQM
29	1	X		5.420		X	1.955	=	148.530 SQM
30	2	X		0.460		X	0.300	=	0.460 SQM
31	0.5	X	13.090	+	12.495	X	1.695	=	21.437 SQM
32	0.5	X	12.495	+	12.580	X	1.305	=	16.361 SQM
33	0.5	X	12.580	+	7.810	X	1.695	=	17.207 SQM
34	0.5	X	10.465	+	7.810	X	1.695	=	15.440 SQM
35	2	X		0.115		X	1.010	=	0.232 SQM
36	2	X		0.115		X	1.010	=	0.232 SQM
37	2	X		0.725		X	0.225	=	0.326 SQM
38	2	X		0.500		X	0.500	=	0.500 SQM
39	0.5	X	11.135	+	7.810	X	0.110	=	57.298 SQM
40	0.5	X	1.380	+	2.115	X	1.310	=	2.164 SQM
41	0.5	X	2.380	+	1.380	X	1.310	=	2.484 SQM
42	1	X		8.280		X	5.985	=	82.666 SQM
43	0.5	X		4.842		X	8.280	=	19.996 SQM
44	0.5	X	3.180	+	3.010	X	1.695	=	10.498 SQM
45	0.5	X		1.100		X	1.905	=	1.048 SQM
46	0.5	X		3.300		X	1.905	=	3.143 SQM
47	1	X		0.460		X	0.300	=	0.460 SQM
48	0.5	X	8.245	+	4.025	X	1.135	=	9.717 SQM
							TOTAL	=	1092.196 SQM

DEDUCTION

GROSS – B									
a1	1	X		0.250		X	0.400	=	0.100 SQM
a2	1	X		0.800		X	0.800	=	0.640 SQM
a3	1	X		0.800		X	0.800	=	0.640 SQM
a4	1	X		0.400		X	0.250	=	0.100 SQM
a5	0.5	X	0.670	+	0.875	X	0.525	=	0.379 SQM
a6	1	X		1.460		X	0.725	=	0.530 SQM
a7	1	X		2.300		X	2.300	=	31.740 SQM
a8	1	X		0.400		X	0.400	=	0.160 SQM
a8a	1	X		0.400		X	0.400	=	0.160 SQM
a9	1	X		0.400		X	0.400	=	0.160 SQM
a10	1	X		1.800		X	0.350	=	0.630 SQM
a11	1	X		0.950		X	1.100	=	1.045 SQM
a12	1	X		0.950		X	1.100	=	1.045 SQM
a13	1	X		1.460		X	2.300	=	3.329 SQM
a14	1	X		1.460		X	2.300	=	3.329 SQM
a15	1	X	0.345	+	0.250	X	0.135	=	0.080 SQM
a16	0.5	X	1.070	+	0.625	X	0.850	=	0.592 SQM
a17	0.5	X	0.130	+	1.185	X	1.795	=	1.162 SQM
a18	0.5	X	1.645	+	1.195	X	0.375	=	1.101 SQM
a19	1	X		1.960		X	0.375	=	0.735 SQM
a20	1	X		0.950		X	1.070	=	0.753 SQM
a21	1	X		0.950		X	1.070	=	0.753 SQM
a22	1	X		0.400		X	0.400	=	0.200 SQM
a23	0.5	X	1.645	+	1.195	X	0.375	=	1.101 SQM
a24	1	X		1.960		X	0.835	=	1.285 SQM
a25	0.5	X	1.180	+	0.130	X	1.795	=	1.180 SQM
a26	1	X		0.400		X	0.400	=	0.160 SQM
a27	1	X		0.400		X	0.400	=	0.160 SQM
a28	0.5	X	0.380	+	0.235	X	0.135	=	0.035 SQM
a29	0.5	X	0.625	+	1.070	X	0.850	=	0.592 SQM
a30	0.5	X	0.125	+	1.730	X	0.690	=	0.683 SQM
a31	1	X		0.400		X	0.400	=	0.160 SQM
a32	0.5	X	2.192	+	0.950	X	2.220	=	3.508 SQM
a33	1	X		0.400		X	0.400	=	0.160 SQM
a34	1	X	3.338	+	2.050	X	2.220	=	8.677 SQM
a35	1	X		1.180		X	0.275	=	0.330 SQM
a36	0.5	X		5.370		X	0.525	=	1.512 SQM
a39	0.5	X	1.020	+	2.580	X	0.600	=	1.830 SQM
a40	1	X		2.580		X	1.795	=	4.630 SQM
							TOTAL	=	134.124 SQM

TOTAL FAR AREA OF 11TH TO 15TH & 17TH TO 19TH (TYPICAL FLOOR)	=	GROSS – A - GROSS – B	
	=	1092.196 - 134.124	
	=	958.072 SQM	

NON FAR AREA (ADDITION)

GROSS – C									
a6	1	X		0.300		X	8.375	=	33.100 SQM
a6a	1	X		0.420		X	6.450	=	2.733 SQM
a7	1	X		0.900		X	8.375	=	13.533 SQM
a10	1	X		1.800		X	0.150	=	0.180 SQM
a11	1	X		0.950		X	1.100	=	1.045 SQM
a12	1	X	1.020	+	2.580	X	0.600	=	2.052 SQM
a40	0.5	X		2.580		X	4.470	=	5.766 SQM
							TOTAL	=	58.484 SQM

NON FAR AREA (DEDUCTION)

GROSS – D									
a1	1	X		9.300		X	0.725	=	2.320 SQM
a2	1	X		2.900		X	2.300	=	6.670 SQM
a3	0.5	X	1.750	+	1.830	X	0.090	=	0.141 SQM
a4	1	X	1.930	+	1.295	X	2.690	=	3.818 SQM
							TOTAL	=	11.951 SQM

TOTAL NON FAR AREA OF 11TH TO 15TH & 17TH TO 19TH) TYPICAL FLOOR	=	GROSS – C - GROSS –D	
	=	58.484 - 11.951	
	=	47.543 SQM	

TOTAL BUILTUP AREA OF 11TH TO 15TH & 17TH TO 19TH) TYPICAL FLOOR	=	FAR AREA + NON FAR AREA	
	=	958.072 + 47.543	
	=	1015.615 SQM	

Note :-

1. BUILDING HAS AUTOMATIC SPRINKLER SYSTEM WHEREVER REQUIRED BY NBC.
2. BUILDING WILL BE DESIGNED (STRUCTURES) AS PER RELEVENT IS CODES FOR EARTH QUAKE RESISTANCE.
3. ALL TOILET & KITCHEN HAVE PERMANENT VENTILATION /EXHAUST
4. ALL BUILDINGS ARE NATURALLY VENTILATED AND WHERE EVER REQUIRED MECHANICAL VENTILATION IS PROPOSED WITH 100% POWER BACKUP.

Project

PROPOSED BUILDING PLAN OF GROUP HOUSING COLONY FOR PHASE 3 AREA MEASURING 8.19375 ACRES PART OF TOTAL LICENSED LAND MEASURING 34.175 ACRES(LICENCE NO. 16 OF 2008 DATED 31.01.2008, LICENCE NO. 28 OF 2008 DATED 17.02.2008, LICENCE NO. 44 OF 2011 DATED 13.05.2011) IN SECTOR-59 GURUGRAM MANESAR URBAN COMPLEX BEING DEVELOPED BY BTVS BUILDWELL PVT LTD. AND OTHERS IN COLLABORATION WITH BASE EXPORTS PVT LTD. AND BUZZ HOTELS PVT. LTD.

Architects:
Morphogenesis
Plot No. 41, Industrial Estate,
Okhla Phase-III,
New Delhi 110020, India
TEL: +91 11 41828070
FAX: 91 11 26490351
E Mail:studio@morphogenesis.org

Associate Architects:
SBA Design N Code LLP
Architecture·Codes·Interiors
(Formerly known as RSMS ARCHITECTS)
Plot no. 10 A&B, Bhawani Kunj,
Behind D2,Vasant Kunj,
New Delhi-110070.
Mob.: 9810791652,9811077209

S.T.P.(HQ) Member Secretary BIPAC
S.T.P. Director Erection BIPAC
DTP(HQ)
ATP(HQ)
ATP
DTP(PLANNING) PA(HQ)
FSO, (HQ) Member BIPAC

SANCTIONED
TO BE READ WITH THE OFFICE LETTER NO.:-
DATED :-

OWNER'S SEAL & SIGNATURE

BIP HOLDER SEAL & SIGNATURE

ARCHITECT'S SEAL & SIGNATURE
REENA SHARMA
B.ARCH
CA/2019/77247

JUL-2026 | 1:100

Drawing Title:
11th TO 15th & 17th TO 19th
TYPICAL FLOOR PLAN &
AREA CALCULATION
(TOWER-B)

Drawing No:-
TB-07

03–20072026