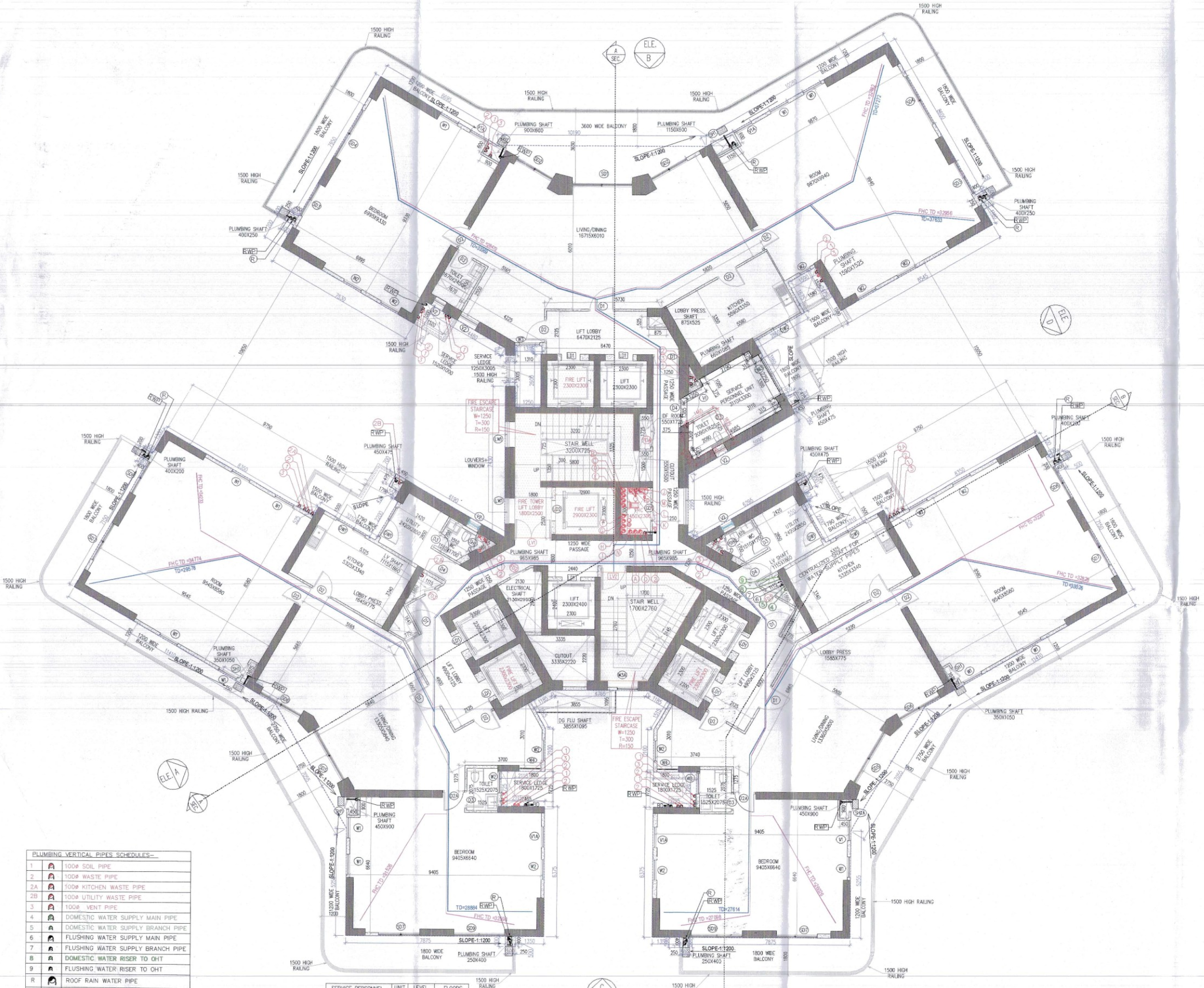
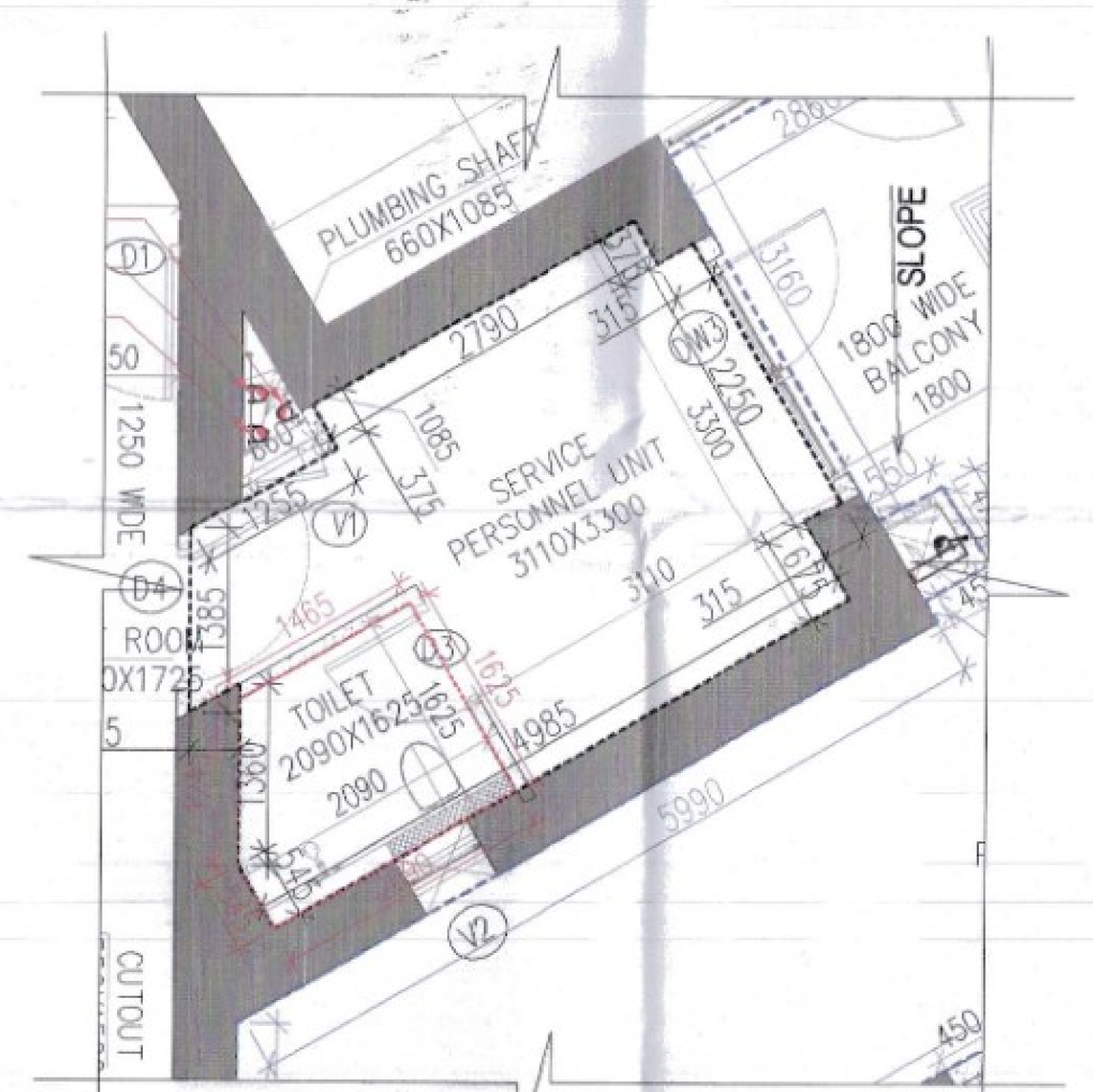


TYPICAL (6TH TO 10TH) FLOOR PLAN
TOWER-A
NO OF UNIT = 03

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

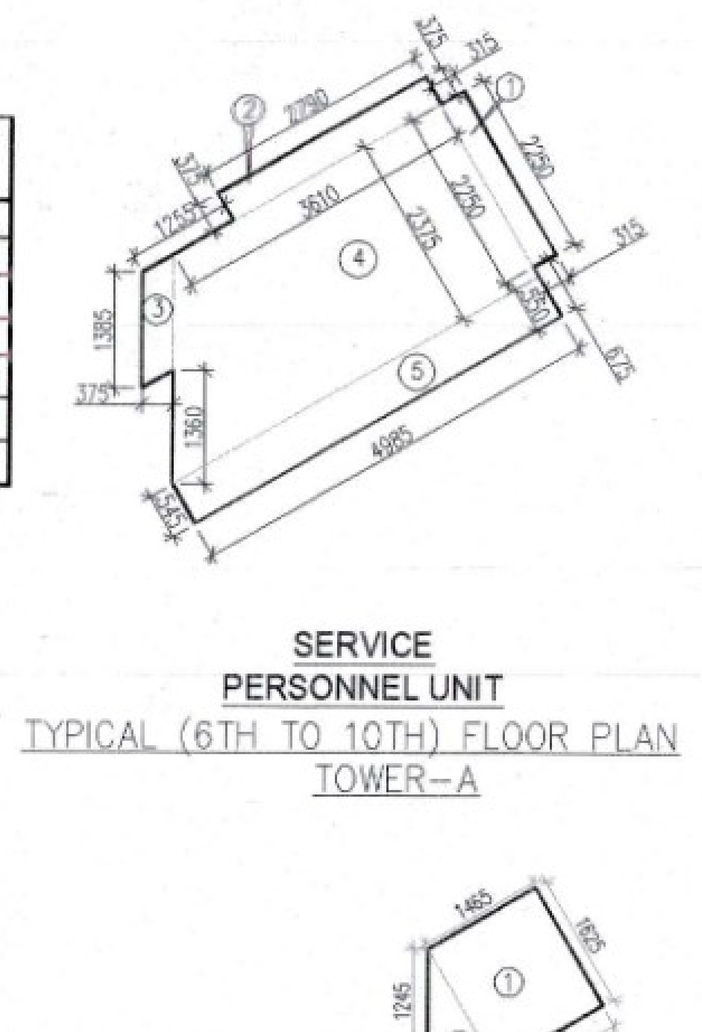
SERVICE PERSONNEL	UNIT	LEVEL	FLOORS
01	03	+25650	6TH FLOOR
01	03	+29250	7TH FLOOR
01	03	+32850	8TH FLOOR
01	03	+36450	9TH FLOOR
01	03	+40050	10TH FLOOR
05	15		TOTAL

Tag		Width (MM)	Height (MM)	Sill (MM)	Lintel (MM)	DOOR TYPE	OPENING TYPE	LOCATION
SCHEDULE OF NON FIRE RATED DOORS								
D2		1050	2450	0	2450	WOODEN FLUSH DOOR	SINGLE LEAF DOOR	BEDROOMS
D2A		1050	2450	0	2450	WOODEN FLUSH DOOR (SUBFRAME)	SINGLE LEAF DOOR	BEDROOMS
D3		850	2450	0	2450	WOODEN FLUSH DOOR	SINGLE LEAF DOOR	TOILETS ENTRANCE
SCHEDULE OF WINDOWS								
W1A		1000	2150	600	2750	FIXED WINDOW / OPENABLE	FIXED PANEL/ OPENABLE + GLASS	TOILET
W1		1000	2150	600	2750	FIXED WINDOW / OPENABLE	FIXED PANEL/ OPENABLE + GLASS	MAIN / CLEAR FAÇADE
W2		1000	1850	900	2750	FIXED WINDOW / OPENABLE	FIXED PANEL/ OPENABLE + GLASS	BACK FAÇADE
W3A		1000	1850	900	2750	FIXED WINDOW / OPENABLE	FIXED PANEL/ OPENABLE + GLASS	STAIRCASE 2
W4		1050	1850	900	2750	OPENABLE	OPENABLE + GLASS	STUDY
SCHEDULE OF SLIDING DOORS								
SD1		2965	2750	0	2750	SLIDING DOOR, ALUMINIUM + GLASS	SLIDING PANEL	LIVING AREA
SD2		2000	2750	0	2750	SLIDING DOOR, ALUMINIUM + GLASS	SLIDING PANEL	DINING AREA
SD3		1800	2750	0	2750	SLIDING DOOR, ALUMINIUM + GLASS	SLIDING PANEL	MASTER BEDROOM
SD4		2700	2750	0	2750	SLIDING DOOR, ALUMINIUM + GLASS	SLIDING PANEL	BEDROOM 2
SD5		2850	2750	0	2750	SLIDING DOOR, ALUMINIUM + GLASS	SLIDING PANEL	LIVING AREA
SD6		2265	2750	0	2750	SLIDING DOOR, ALUMINIUM + GLASS	SLIDING PANEL	DINING AREA
SD7		2050	2750	0	2750	SLIDING DOOR, ALUMINIUM + GLASS	SLIDING PANEL	MASTER BEDROOM
SD8		1800	2750	0	2750	SLIDING DOOR, ALUMINIUM + GLASS	SLIDING PANEL	BEDROOM 2
SD9		2450	2750	0	2750	SLIDING DOOR, ALUMINIUM + GLASS	SLIDING PANEL	BEDROOM 4
SCHEDULE OF EXTERNAL DOOR/ WINDOWS & VENTILATORS								
DW1	DOOR	1050	2750	0	2750	HINGED GLASS DOOR / WINDOW	SINGLE SHUTTER DOOR, OPENABLE OUTSIDE + FIXED WINDOW	KITCHEN/UTILITY ROOM
	WINDOW	600	2150	600	2750			
DW2	WINDOW	650	1850	900	2750	HINGED GLASS DOOR / WINDOW	SINGLE SHUTTER DOOR, OPENABLE OUTSIDE + FIXED WINDOW	KITCHEN/UTILITY ROOM
	DOOR	1050	2750	0	2750			
	WINDOW	1000	1850	900	2750			
DW3	DOOR	1050	2750	0	2750	HINGED GLASS DOOR / WINDOW	SINGLE SHUTTER DOOR, OPENABLE OUTSIDE + FIXED WINDOW	KITCHEN/UTILITY ROOM
	WINDOW	850	2150	600	2750			
SCHEDULE OFSHAFTS								
SH1		600	2600	150	2750		SINGLE SHUTTER DOOR	TOILET
SH2		1000	2600	150	2750		SINGLE SHUTTER DOOR	CORRIDOR
SCHEDULE OF VENTILATORS								
V1		1000	1850	600	2450	OPENABLE	OPENABLE GLASS PANEL	TOILET
V1A		1000	1550	900	2450	OPENABLE	OPENABLE GLASS PANEL	TOILET
V2		600	1550	900	2450	OPENABLE	OPENABLE GLASS PANEL	TOILET
SCHEDULE OF FIRE RATED DOOR								
D1		1250	2750	0	2750	WOODEN FLUSH DOOR (MIN. 2HR. FIRE RATING)	SINGLE LEAF DOOR	UNIT ENTRANCE
D4		1050	2750	0	2750	WOODEN FLUSH DOOR (MIN. 2HR. FIRE RATING)	SINGLE LEAF DOOR	UTILITY ROOM
FD2		900	2300	150	2450	METAL DOOR WITH VISION PANEL (MIN. 2HR. FIRE RATING)	SINGLE SHUTTER, OPENABLE OUTSIDE	ELECTRICAL SHAFT
FD3		900	2300	150	2450	METAL FIRE DOOR (MIN. 2HR. FIRE RATING)	SINGLE SHUTTER, OPENABLE OUTSIDE	LV SHAFT
FD4		1500	2300	150	2450	METAL FIRE DOOR (MIN. 2HR. FIRE RATING)	SINGLE SHUTTER, OPENABLE OUTSIDE	IDF ROOM
FD5		2500	2300	150	2450	METAL FIRE DOOR (MIN. 2HR. FIRE RATING)	SINGLE SHUTTER, OPENABLE OUTSIDE	IDF ROOM
SCHEDULE OF GLASS DOOR								
GD1		900	2300	150	2450	SINGLE SHUTTER, OPENABLE INSIDE	GLASS DOOR AS.SPEC	FHC
SCHEDULE OF LOUVERED DOOR								
LV1		1800	2450	0	2450	LOUVERED DOOR	DOUBLE SHUTTER, OPENABLE INSIDE	FIRE STAIRCASE LOBBY
LV2		1250	2450	0	2450	LOUVERED DOOR	SINGLE SHUTTER, OPENABLE INSIDE	STAIRCASE 02
LV3		775	2300	150	2450	LOUVERED DOOR	SINGLE SHUTTER, OPENABLE INSIDE	LOBBY PRESSURISATION
SCHEDULE OF LOUVERED DOOR-WINDOW								
LW1	LOUVERS	1275	2450	0	2450	HINGED GLASS + LOUVER / WINDOW	DOUBLE SHUTTER, OPENABLE OUTSIDE	FIRE STAIRCASE LOBBY
	WINDOW	1175	1550	900	2450			
SCHEDULE OF LIFT OPENINGS								
LD1		900	2450	0	2450	AS PER VENDOR/ VT		LIFTS
LD2		1000	2450	0	2450	AS PER VENDOR/ VT		LIFTS



SERVICE PERSONNEL UNIT (BLOW UP)
SCALE- 1:60

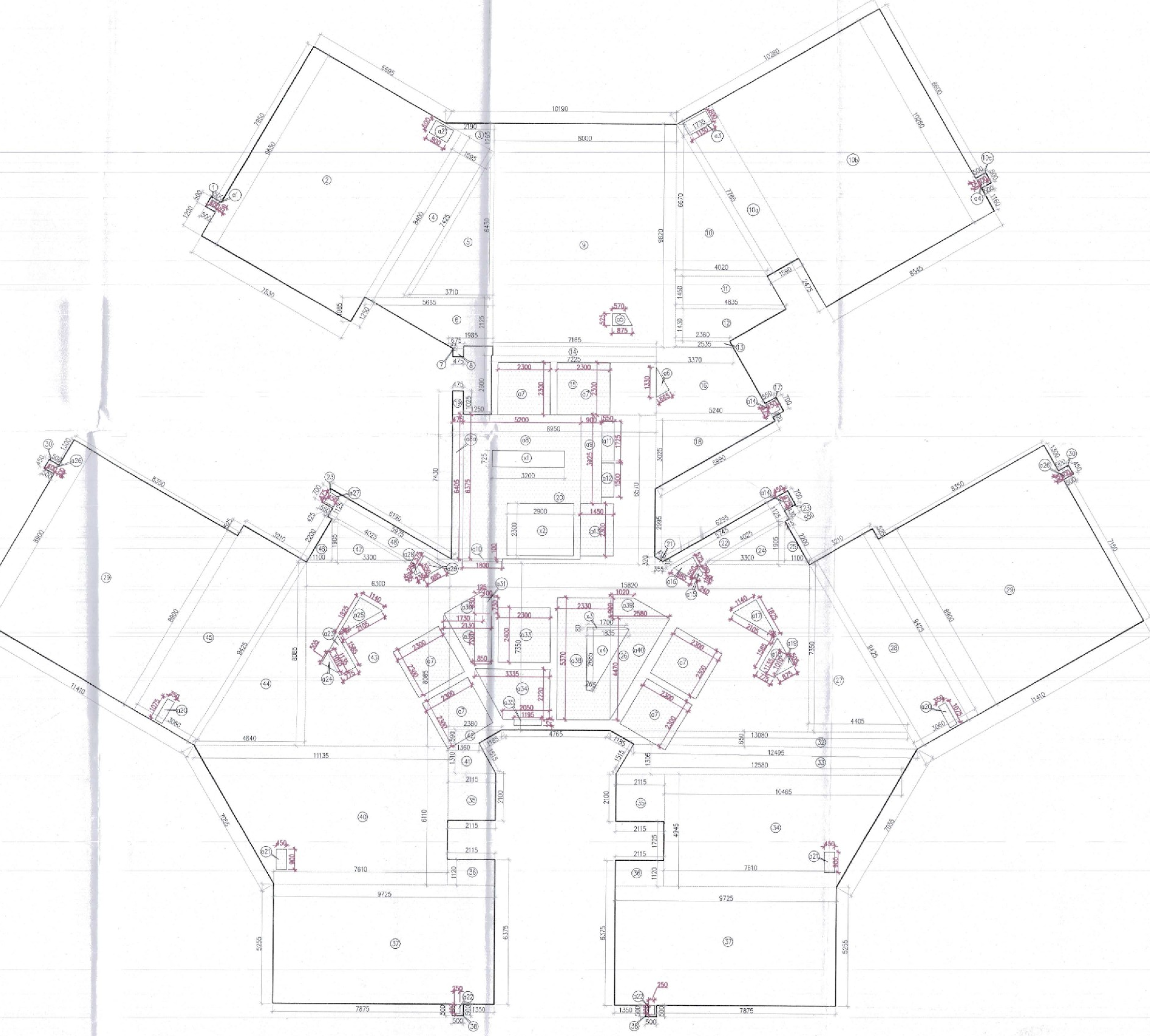
SERVICE PERSONNEL UNIT AREA TYPICAL (6TH TO 10TH) FLOOR PLAN											
GROSS – A											
1	1	X		0.315		X	2.250	=	0.709	SQM
2	1	X		2.790		X	0.375	=	1.046	SQM
3	0.5	X	1.385	+	1.385	X	0.375	=	0.519	SQM
4	0.5	X	3.610	+	4.985	X	2.375	=	10.207	SQM
5	1	X		4.985		X	0.550	=	2.742	SQM
							TOTAL	=	15.223	SQM



SERVICE
PERSONNEL UNIT
TYPICAL (6TH TO 10TH) FLOOR PLAN
TOWER–A

TOILET CARPET AREA (SERVICE PERSONNEL UNIT)									
GROSS-A									
1	1	X		1.465		X	1.625	=	2.380
2	0.5	X	0.545	+	1.625	X	0.625	=	0.678
TOTAL								=	3.058

FAR AREA OF TYPICAL FLOOR (6TH TO 10TH) AREA CALCULATION										
GROSS – A										
1	1	X		0.500		X	0.500	=	0.250	SQM
2	1	X		7.530		X	9.650	=	72.665	SQM
3	0.5	X		2.190		X	1.265	=	1.385	SQM
4	0.5	X	8.400	+	7.425	X	1.695	=	13.412	SQM
5	0.5	X		3.710		X	6.430	=	11.928	SQM
6	0.5	X	5.665	+	1.985	X	2.125	=	8.128	SQM
7	0.5	X	0.675	+	0.475	X	0.115	=	0.066	SQM
8	1	X		0.475		X	0.370	=	0.176	SQM
9	1	X		8.000		X	9.820	=	78.560	SQM
10	0.5	X		4.020		X	6.670	=	13.407	SQM
10a	0.5	X	1.590	+	1.735	X	7.785	=	12.943	SQM
10b	1	X		8.545		X	10.260	=	87.672	SQM
10c	1	X		0.500		X	0.500	=	0.250	SQM
11	0.5	X	4.020	+	4.835	X	1.450	=	6.420	SQM
12	0.5	X	4.835	+	2.380	X	1.430	=	5.159	SQM
13	0.5	X	2.360	+	2.535	X	0.305	=	0.746	SQM
14	1	X		7.165		X	0.365	=	2.615	SQM
15	1	X		7.225		X	2.600	=	18.785	SQM
16	0.5	X	3.390	+	5.240	X	3.200	=	13.808	SQM
17	1	X		0.550		X	0.700	=	0.385	SQM
18	0.5	X		5.240		X	3.025	=	7.926	SQM
19	1	X		0.475		X	1.025	=	0.487	SQM
20	1	X		8.950		X	6.570	=	58.802	SQM
21	0.5	X	0.320	+	0.115	X	0.355	=	0.077	SQM
22	0.5	X	5.745	+	4.025	X	1.125	=	5.496	SQM
23	2	X		0.700		X	0.550	=	0.770	SQM
24	0.5	X		3.300		X	1.905	=	3.143	SQM
25	0.5	X		1.100		X	1.905	=	1.048	SQM
26	1	X		15.820		X	7.350	=	116.277	SQM
27	0.5	X		4.405		X	7.350	=	16.188	SQM
28	0.5	X	3.060	+	3.170	X	9.425	=	29.830	SQM
29	2	X		8.350		X	8.900	=	148.630	SQM
30	2	X		0.450		X	0.500	=	0.450	SQM
32	0.5	X	13.080	+	12.495	X	0.650	=	8.312	SQM
33	0.5	X	12.495	+	12.580	X	1.305	=	16.361	SQM
34	0.5	X	10.465	+	7.610	X	4.945	=	44.690	SQM
35	2	X		2.115		X	2.100	=	8.883	SQM
36	2	X		2.115		X	1.120	=	4.738	SQM
37	2	X		9.725		X	5.225	=	101.626	SQM
38	2	X		0.500		X	0.500	=	0.500	SQM
40	0.5	X	11.135	+	7.610	X	6.110	=	57.266	SQM
41	0.5	X	1.360	+	2.115	X	1.310	=	2.276	SQM
42	0.5	X	2.380	+	1.360	X	0.590	=	1.103	SQM
43	1	X		6.300		X	8.085	=	50.936	SQM
44	0.5	X		4.840		X	8.085	=	19.566	SQM
45	0.5	X	3.060	+	3.210	X	9.425	=	29.547	SQM
46	0.5	X		1.100		X	1.905	=	1.048	SQM
47	0.5	X		3.300		X	1.905	=	3.143	SQM
48	0.5	X	5.975	+	4.025	X	1.125	=	5.625	SQM
							TOTAL	=	1093.502	SQM
DEDUCTION										
GROSS – B										
a1	1	X		0.400		X	0.250	=	0.100	SQM
a2	1	X		0.900		X	0.600	=	0.540	SQM
a3	1	X		1.150		X	0.600	=	0.690	SQM
a4	1	X		0.400		X	0.250	=	0.100	SQM
a5	0.5	X	0.570	+	0.875	X	0.525	=	0.379	SQM
a6	0.5	X		1.330		X	0.665	=	0.442	SQM
a7	6	X		2.300		X	2.300	=	31.740	SQM
a8	1	X		5.200		X	6.375	=	33.150	SQM
a8a	1	X		0.475		X	6.405	=	3.042	SQM
a9	1	X		0.900		X	3.925	=	3.533	SQM
a10	1	X		1.800		X	0.100	=	0.180	SQM
a11	1	X		0.550		X	1.725	=	0.949	SQM
a12	1	X		0.550		X	1.500	=	0.825	SQM
a13	1	X		1.450		X	2.300	=	3.335	SQM
a14	2	X		0.450		X	0.475	=	0.428	SQM
a15	0.5	X	0.240	+	0.280	X	0.135	=	0.035	SQM
a16	0.5	X	0.985	+	0.575	X	0.550	=	0.429	SQM
a17	0.5	X	0.075	+	1.140	X	1.825	=	1.109	SQM
a18	0.5	X	1.585	+	1.135	X	0.775	=	1.054	SQM
a19	0.5	X		1.010		X	0.505	=	0.255	SQM
a20	2	X		0.350		X	1.075	=	0.753	SQM
a21	2	X		0.450		X	0.900	=	0.810	SQM
a22	2	X		0.250		X	0.400	=	0.200	SQM
a23	0.5	X	1.585	+	1.135	X	0.775	=	1.054	SQM
a24	0.5	X		1.010		X	0.505	=	0.255	SQM
a25	0.5	X	1.140	+	0.075	X	1.825	=	1.109	SQM
a26	2	X		0.200		X	0.400	=	0.160	SQM
a27	1	X		0.475		X	0.450	=	0.214	SQM
a28	0.5	X	0.280	+	0.235	X	0.135	=	0.035	SQM
a29	0.5	X	0.575	+	0.985	X	0.550	=	0.429	SQM
a30	0.5	X	0.125	+	1.730	X	0.930	=	0.863	SQM
a31	1	X		0.400		X	0.730	=	0.292	SQM
a32	0.5	X	2.130	+	0.850	X	2.220	=	3.308	SQM
a33	1	X		2.300		X	2.400	=	5.520	SQM
a34	0.5	X	3.335	+	2.050	X	2.220	=	5.977	SQM
a35	1	X		1.195		X	0.275	=	0.329	SQM
a38	1	X		2.330		X	5.370	=	12.512	SQM
a39	0.5	X	1.020	+	2.580	X	0.900	=	1.620	SQM
a40	0.5	X		2.580		X	4.470	=	5.766	SQM
							TOTAL	=	123.519	SQM
TOTAL FAR AREA OF (6TH TO 10TH) TYPICAL FLOOR		=	GROSS - A	-	GROSS – B					
		=	1093.502	-	123.519					
		=	969.983	SQM						
NON FAR AREA (ADDITION)										
GROSS – C										
a8	1	X		5.200		X	6.375	=	33.150	SQM
a8a	1	X		0.475		X	6.405	=	3.042	SQM
a9	1	X		0.900		X	3.925	=	3.533	SQM
a10	1	X		1.800		X	0.100	=	0.180	SQM
a38	1	X		2.330		X	5.370	=	12.512	SQM
a39	0.5	X	1.020	+	2.580	X	0.900	=	1.620	SQM
a40	0.5	X		2.580		X	4.470	=	5.766	SQM
							TOTAL	=	59.803	SQM
NON FAR AREA (DEDUCTION)										
GROSS – D										
x1	1	X		3.200		X	0.725	=	2.320	SQM
x2	1	X		2.900		X	2.300	=	6.670	SQM
x3	0.5	X	1.700	+	1.835	X	0.080	=	0.141	SQM
x4	0.5	X	1.835	+	0.265	X	2.685	=	2.819	SQM
							TOTAL	=	11.951	SQM
TOTAL NON FAR AREA OF (6TH TO 10TH) TYPICAL FLOOR				=	GROSS – C	-	GROSS –D			
				=	59.803	-	11.951			
				=	47.853	SQM				
TOTAL BUILTUP AREA OF (6TH TO 10TH) TYPICAL FLOOR				=	FAR AREA	+	NON FAR AREA			
				=	969.983	+	47.853			
				=	1017.836	SQM				



TYPICAL (6TH TO 10TH) FLOOR AREA

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.

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S.T.P.(HQ) Member Secretary B.P.A.C. | S.T.P.(C) Member B.P.A.C. | C.T.P.(HR) Chairman B.P.A.C.
DTP(HQ) | ATP(HQ) | JD. | ATP
A.D. (HQ) Member BPAC | FSO. (HQ) Member BPAC | DINESH KUMAR PA(HQ)

OWNER'S SEAL & SIGNATURE

SANCTIONED
TO BE READ WITH THIS OFFICE
MEMO NO.:
DATED :

BIP HOLDER SEAL & SIGNATURE

ARCHITECT'S SEAL & SIGNATURE
REENA SHARMA
B.ARCH
CA/2016/77247

Checked and found ok for Public Health (Internal) Service only subject to comments in
JUL 2026
Scale : 1:100

Drawing Title:
6th TO 10th TYPICAL FLOOR PLAN & AREA CALCULATION (TOWER-A)

Drawing No:-
TA-05
03-20072026