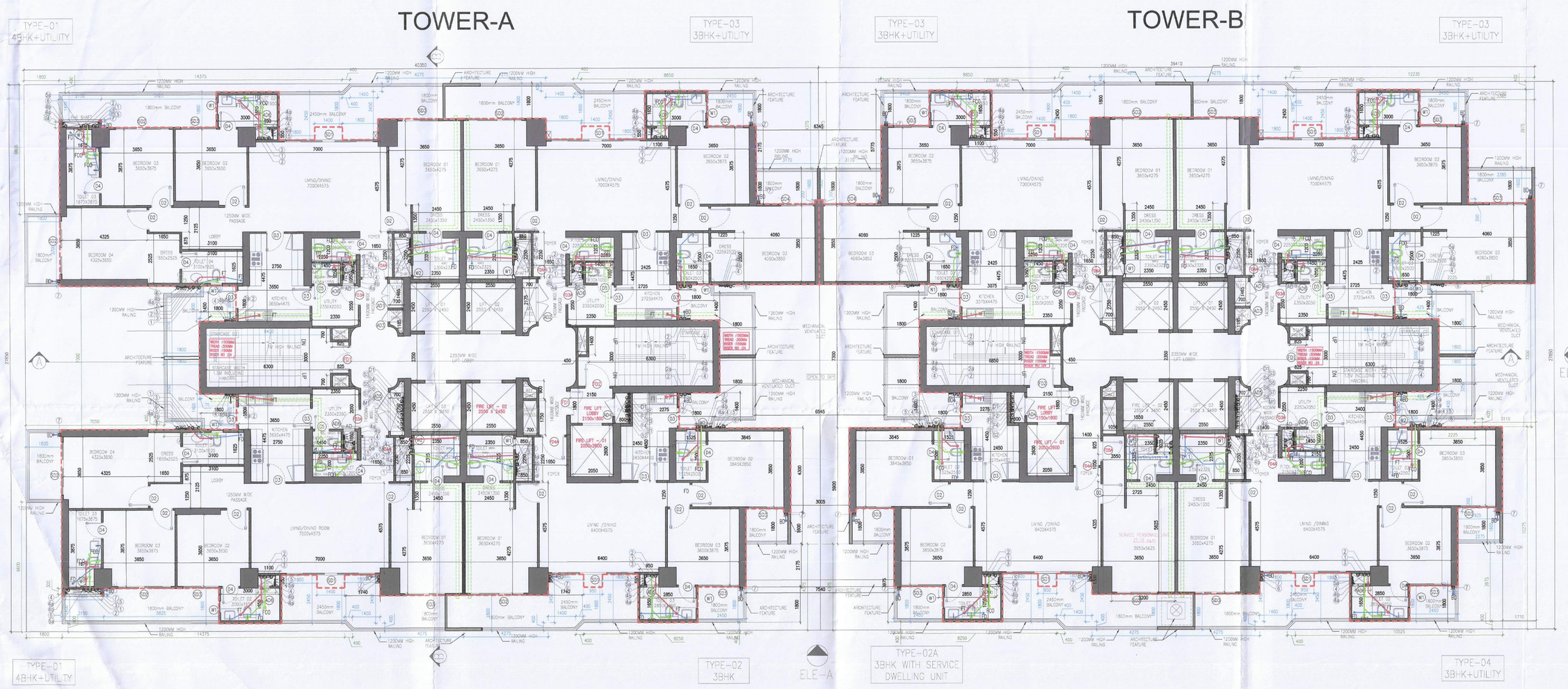
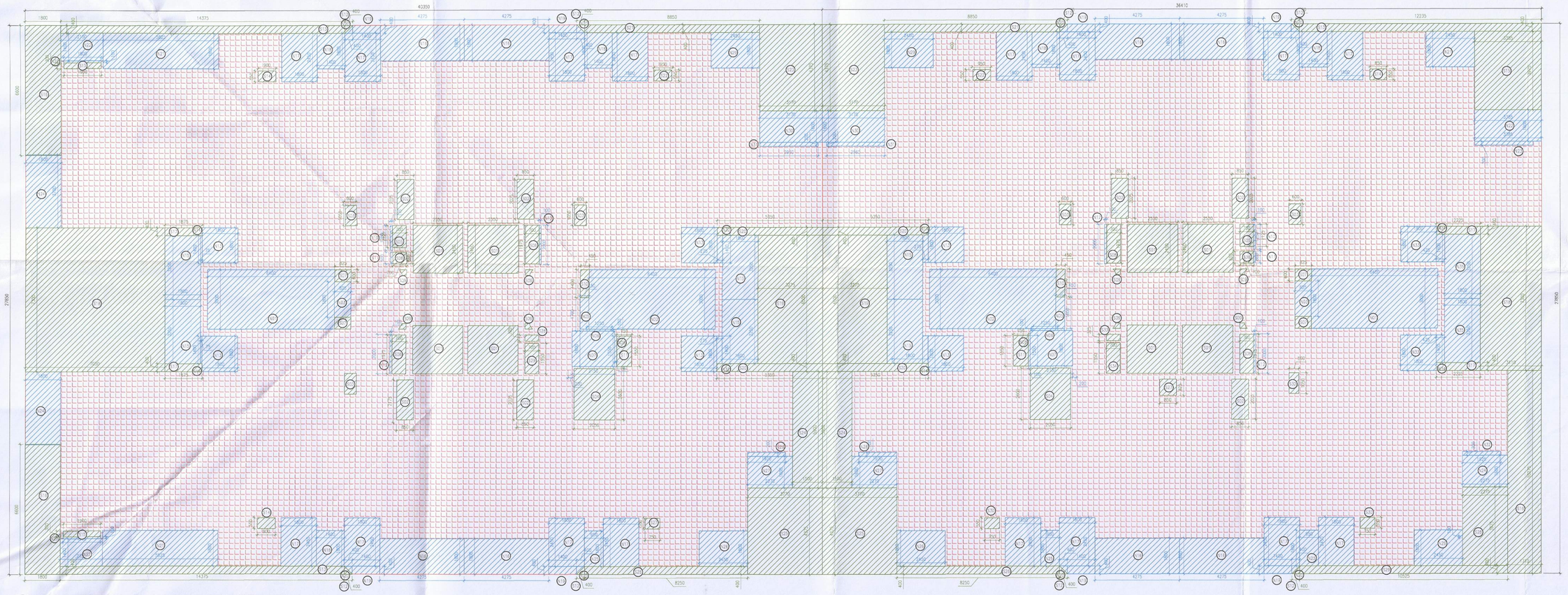


1 TOWER: A-B

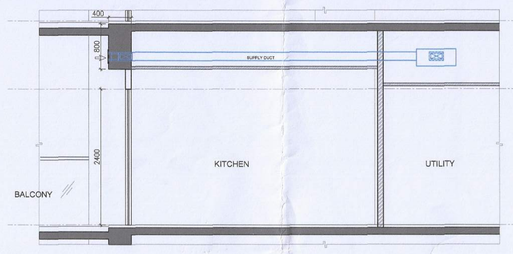
1:100 - TYPICAL LVL.2nd to 15th, 17th to 24th, 26th to 32nd & 34th to 39th FLOOR PLAN



2 TOWER: A-B | AREA DIAGRAM

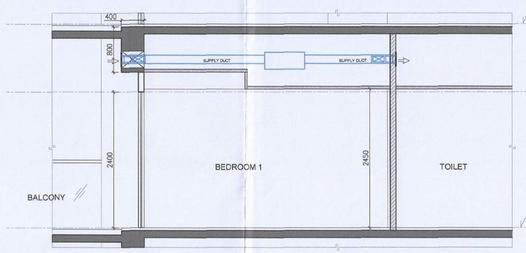
1:100 - TYPICAL LVL.2nd to 15th, 17th to 24th, 26th to 32nd & 34th to 39th FLOOR PLAN

SUMMARY OF MECHANICAL VENTILATION											
SIN	Floor	Area SFT	Effective HT Ft	Volume CFT	Air Change Per Hour	Calculated CFM	Installed CFM	Application	Nos. of Fan & Fan Capacity CFM	Type of Fan	Remark
1	Toilet for Bedroom-Typical For All Bedroom	58	9	522	10	87	100	Exhaust	1x100 CFM	Inline Fan	Normal Mode
2	02 Nos - Powder Toilet and Utility Toilet	45	9	409	10	68	100	Exhaust	1x100 CFM	Inline Fan	Normal Mode



3 MECHANICAL VENTILATION SECTION DETAIL-WC AND PWD ROOM

1:50



4 MECHANICAL VENTILATION SECTION DETAIL-BEDROOM

1:50

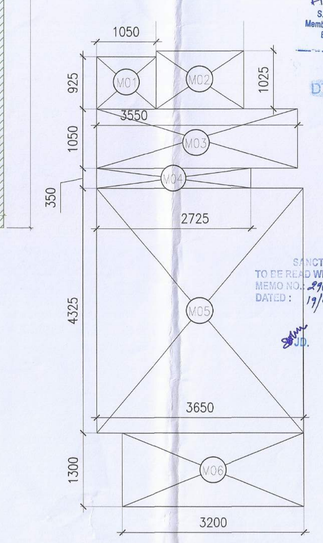
TOWER A				
TYPICAL FLOOR FAR AREA				
Additions				
Description	Length (mm)	Breadth (mm)	No. of repetitions	Total Area (sqm)
Area of rectangle A01	40350	27850	1	1123.748
Total of all Additions 'A'				1123.748
Deductions				
Description	Length (mm)	Breadth (mm)	No. of figures	Total Area (sqm)
Area of rectangle S01	2550	2450	4	24.990
Area of rectangle S02	850	2025	4	6.885
Area of rectangle S03	600	1050	3	1.890
Area of rectangle S04	2025	2600	1	5.265
Area of rectangle S05	700	1125	1	0.788
Area of rectangle S06	610	700	1	0.427
Area of rectangle S07	825	600	2	0.990
Area of rectangle S08	700	1975	2	2.765
Area of rectangle S09	as/plan		4	0.308
Area of rectangle S10	450	1400	1	0.630
Area of rectangle S11	750	1550	1	1.163
Area of rectangle S12	400	400	4	0.320
Area of rectangle S13	14375	400	2	11.500
Area of rectangle S14	900	550	2	0.990
Area of rectangle S15	1900	300	2	1.140
Area of rectangle S16	1800	6600	2	23.760
Area of rectangle S17	1875	400	2	1.500
Area of rectangle S18	7050	7300	1	51.465
Area of rectangle S19	3275	6500	1	21.288
Area of rectangle S20	5350	400	2	4.280
Area of rectangle S21	8850	400	1	3.540
Area of rectangle S22	950	550	1	0.523
Area of rectangle S23	3170	4375	1	13.869
Area of rectangle S24	1500	5900	1	8.850
Area of rectangle S25	3770	4375	1	16.494
Area of rectangle S26	8250	400	1	3.300
Area of rectangle S27	750	550	1	0.413
Area of rectangle S28	700	325	1	0.228
Area of rectangle S29	700	1550	1	1.085
Total of all Deductions 'B'				210.643
TOTAL AREA (X) = A-B				913.105
TYPICAL FLOOR NON FAR AREA				
Additions				
Description	Length (mm)	Breadth (mm)	No. of figures	Total Area (sqm)
Area of rectangle N01	6400	3000	1	19.200
Area of rectangle N02	6400	3000	1	19.200
Area of rectangle N03	825	1800	1	1.485
Area of rectangle N04	100	1500	1	0.150
Area of rectangle N05	450	1700	1	0.765
Area of rectangle N06	1250	100	1	0.125
Area of rectangle N07	2150	1800	1	3.870
Area of rectangle N08	100	1550	1	0.155
Area of rectangle N10	100	1250	1	0.125
Area of rectangle N11	100	600	1	0.060
Area of rectangle N12	100	2000	2	0.400
Area of rectangle N13	1800	1800	4	12.960
Area of rectangle N14	75	1400	2	0.210
Area of rectangle N15	1800	3250	4	23.400
Area of rectangle N16	4275	1800	4	30.780
Area of rectangle N17	1800	2450	8	35.280
Area of rectangle N18	1400	1800	3	7.560
Area of rectangle N19	1400	400	4	2.240
Area of rectangle N20	400	400	4	0.320
Area of rectangle N21	5825	1800	2	20.970
Area of rectangle N22	2150	1400	2	6.020
Area of rectangle N23	1900	100	2	0.380
Area of rectangle N24	1800	3700	2	13.320
Area of rectangle N25	950	1800	1	1.710
Area of rectangle N26	2450	1800	1	4.410
Area of rectangle N27	2270	1600	1	3.632
Area of rectangle N28	1920	200	1	0.384
Area of rectangle N29	2450	1800	1	4.410
Area of rectangle N30	3170	1600	1	5.072
Area of rectangle N31	2960	200	1	0.592
Area of rectangle N32	275	1400	2	0.770
Total of all Additions 'C'				219.955
NET NON FAR AREA= C				219.955
NET FAR AREA= Total Area (A) - B - C				693.150
NET BUA = (NON FAR+ FAR)				913.105

TOWER B				
TYPICAL FLOOR FAR AREA				
Additions				
Description	Length (mm)	Breadth (mm)	No. of repetitions	Total Area (sqm)
Area of rectangle A01	36410	27850	1	1014.019
Total of all Additions 'A'				1014.019
Deductions				
Description	Length (mm)	Breadth (mm)	No. of figures	Total Area (sqm)
Area of rectangle S01	2550	2450	4	24.990
Area of rectangle S02	850	2025	3	5.164
Area of rectangle S03	600	1050	2	1.260
Area of rectangle S04	2250	2600	1	5.330
Area of rectangle S05	700	1125	1	0.788
Area of rectangle S06	610	700	1	0.427
Area of rectangle S07	825	600	2	0.990
Area of rectangle S08	700	1975	2	2.765
Area of rectangle S09	as/plan		4	0.308
Area of rectangle S10	450	1400	1	0.630
Area of rectangle S11	750	1550	1	1.163
Area of rectangle S12	400	400	4	0.320
Area of rectangle S13	12025	400	1	4.810
Area of rectangle S14	850	550	1	0.468
Area of rectangle S15	3385	3975	1	13.455
Area of rectangle S16	1710	10275	1	17.570
Area of rectangle S17	2225	400	2	1.780
Area of rectangle S18	3110	7300	1	22.703
Area of rectangle S19	3275	6500	1	21.288
Area of rectangle S20	5350	400	2	4.280
Area of rectangle S21	8850	400	1	3.540
Area of rectangle S22	950	550	1	0.523
Area of rectangle S23	3170	4375	1	13.869
Area of rectangle S24	1500	5900	1	8.850
Area of rectangle S25	3770	4375	1	16.494
Area of rectangle S26	8250	400	1	3.300
Area of rectangle S27	850	825	1	0.701
Area of rectangle S28	2275	3975	1	9.043
Area of rectangle S29	10525	400	1	4.210
Area of rectangle S30	750	550	2	0.825
Area of rectangle S32	500	1050	1	0.525
Area of rectangle S33	700	325	1	0.228
Area of rectangle S34	700	1550	1	1.085
Total of all Deductions 'B'				193.679
TOTAL AREA (X) = A-B				820.339
TYPICAL FLOOR NON FAR AREA				
Additions				
Description	Length (mm)	Breadth (mm)	No. of figures	Total Area (sqm)
Area of rectangle N01	6400	3000	1	19.200
Area of rectangle N02	6400	3000	1	19.200
Area of rectangle N03	825	1800	1	1.485
Area of rectangle N05	450	1600	1	0.720
Area of rectangle N06	1250	100	1	0.125
Area of rectangle N07	2150	1800	1	3.870
Area of rectangle N08	100	1550	1	0.155
Area of rectangle N10	100	1250	1	0.125
Area of rectangle N11	100	600	1	0.060
Area of rectangle N12	100	2000	2	0.400
Area of rectangle N13	1800	1800	2	6.480
Area of rectangle N14	275	1400	2	0.770
Area of rectangle N15	1800	3250	2	11.700
Area of rectangle N16	4275	1800	4	30.780
Area of rectangle N17	1800	2450	8	35.280
Area of rectangle N18	1400	1800	2	5.040
Area of rectangle N19	1400	400	4	2.240
Area of rectangle N20	400	400	4	0.320
Area of rectangle N21	2450	1800	1	4.410
Area of rectangle N22	3385	1600	1	5.416
Area of rectangle N23	2960	200	1	0.592
Area of rectangle N24	2275	1600	1	3.640
Area of rectangle N25	950	1800	2	3.420
Area of rectangle N26	2450	1800	2	8.820
Area of rectangle N27	2270	1600	1	3.632
Area of rectangle N28	1920	200	1	0.384
Area of rectangle N29	2450	1800	1	4.410
Area of rectangle N30	3170	1600	1	5.072
Area of rectangle N31	2960	200	1	0.592
Area of rectangle N32	1925	200	1	0.385
Area of rectangle N33	1900	1800	2	6.480
Area of rectangle N34	425	1400	2	1.190
Area of rectangle N35	1800	3250	2	11.700
Total of all Additions 'C'				198.093
NET NON FAR AREA= C				198.093
NET FAR AREA= Total Area (X) - C				622.246
NET BUA = (NON FAR+ FAR)				820.339

PLUMBING LEGEND:-

1	100Ø SOIL PIPE
2	100Ø WASTE PIPE
3	100Ø ANTISYPHONAGE PIPE
4	DWS DN TAKE PIPE BELOW THE 20TH FLOORS
4a	DWS FROM BOOSTER PUMP FOR TOP TWO FLOORS
4b	DWS DN TAKE PIPE ABOVE THE 20TH FLOORS
5	FWS DN TAKE PIPE BELOW THE 20TH FLOORS
5a	FWS DN TAKE PIPE ABOVE THE 20TH FLOORS
6	110 OD uPVC TERRACE RAIN WATER PIPE
7	110 OD uPVC BALCONY DRAIN PIPE
8	DOMESTIC WATER SUPPLY RISER
9	FLUSHING WATER SUPPLY RISER

SERVICE PERSONNEL UNIT NO. CALCULATION				
S.No.	DESCRIPTION	TYPE OF UNITS	No. of floors	NO. OF UNITS
1	RESIDENTIAL			
	Tower B	3 BHK (WITH SERVICE PERSONNEL)	39	36
	Tower C	3 BHK (WITH SERVICE PERSONNEL)	39	36
	Tower D	3 BHK (WITH SERVICE PERSONNEL)	39	36
	Tower E	3 BHK (WITH SERVICE PERSONNEL)	39	36
		TOTAL SERVICE PERSONNEL UNIT		144



SERVICE PERSONEL DWELLING UNIT CARPET AREA				
	NOS.	L	B	A
MD1	1.0	1.1	0.9	1.0
MD2	1.0	1.8	1.0	1.8
MD3	1.0	3.6	1.1	3.7
MD4	1.0	2.7	0.4	1.0
MD5	1.0	3.7	4.3	15.8
MD6	1.0	3.3	1.3	4.2
TOTAL AREA				27.1

S.T.P. (HQ) Member Secretary B.P.A.C. — S.T. (G) Member B.P.A.C. — Chairman B.P.A.C.

DTP (HQ) — ATP (HQ) — (Jinendra Kumar) PA(HQ)

DDT (T) MEMBER BPAC

SANCTIONED TO BE READ WITH THIS OFFICE MEMO NO. 29698 DATED : 17/07/2024

P.A. — A.T.P.

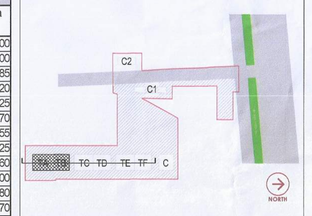
5 TOWER: A-B | SERVICE PERSONNEL UNIT AREA DIAGRAM

1:50

Residential Tower Schedule					
DOORS & WINDOW SCHEDULE					
ROUGH OPENINGS (MASONRY)					
DOORS					
Tags	Width	Height	Lintel	Sill	Remarks
D1	1200	2400	2400	0	
D2	1050	2400	2400	0	
D3	950	2400	2400	0	
D4	850	2400	2400	0	
D5	750	2400	2400	0	
FIRE DOORS					
FD1	1250	2400	2400	0	2HR FIRE RATED
FD2	1250	2400	2400	0	2HR FIRE RATED
FD3	950	2400	2400	0	2HR FIRE RATED
FD3A	950	2400	2400	0	1HR FIRE RATED
FD4	1200	2400	2400	0	2HR FIRE RATED
FD4A	1200	2400	2400	0	1HR FIRE RATED
FD5	1050	2400	2400	0	2HR FIRE RATED
FD5A	1050	2400	2400	0	1HR FIRE RATED
SHAFT ACCESS DOORS					
AD1	1250	2300	2400	100	1HR FIRE RATED
AD2	2000	2300	2400	100	1HR FIRE RATED
AD3	600	2300	2400	100	1HR FIRE RATED
AD4	950	2300	2400	100	
AD5	2000	2300	2400	100	
AD6	600	2300	2400	100	
WINDOW					
W1	600	1200	2400	1200	
SLIDING DOOR					
SD1	4500	2400	2400	0	
SD2	2700	2400	2400	0	
SD3	1800	2400	2400	0	
SD4	1650	2400	2400	0	
GLAZING					
GL1	AS/ PLAN				
GL2	AS/ PLAN				
GL3	AS/ PLAN				
GL4	AS/ PLAN				

DRAWING NO. S-15

KEY PLAN



NOTES:

1. All fixture provided in toilets are as per N.B.C.
2. Basement will be mechanicaly ventilated.
3. All spaces (parking basement, services basement etc.) Will be artificialy lit.
4. Standby generating capacity will be provided for the electrical requirement of the total scheme. This therefore includes standby generation for all common services, fire services, lifts etc. And also the entire electrical load for the ventilation.
5. Fire safety measures as per NBC includes smoke detector, heat detector, sprinkler spacing in compliance with code.
6. All external walls are 100mm and all internal walls are 100mm thick. (Valid for all drawings)
7. Toilets will be mechanicaly ventilated.

DEVELOPER

RIVERDAY INFRASTRUCTURE PRIVATE LIMITED

Checked and found ok for public health (Internal) Service only subject to comments in forwarding letter No. 231220 Div. 23/2/24

Provided service for Private Water (Internal) Service only subject to comments in forwarding letter No. 231220 Div. 23/2/24

ARCHITECT

morphogenesis.

41, Inustrial Estate, Okhla Phase III
New Delhi – 110020
Tel: 91 11 41828070
Email: studio@morphogenesis.org

Executive Engineer (HQ) — Chief Engineer (HQ)

PROJECT TITLE

PROPOSED BUILDING PLAN FOR MIXED LAND USE COLONY (98% RESIDENTIAL COMPONENT AND 2% COMMERCIAL COMPONENT) UNDER TOD POLICY OVER AN AREA MEASURING 11.66875 ACRES. (LICENSE NO 90 OF 2024 DATED 18.07.2024) IN THE REVENUE ESTATE OF VILLAGE FAZILPUR JHARSA & BADSHAHPUR, SECTOR-69 GURUGRAM, BEING DEVELOPED BY RIVERDAY INFRASTRUCTURE PRIVATE LIMITED

STATUS: SUBMISSION DRAWING

SHEET TITLE

TOWER A & B
TYPICAL FLOOR PLAN
AND AREA DIAGRAM

OWNER'S SIGN — Riverday Infrastructure Private Limited (Authorized Sig)

ARCHITECT'S SIGN — KIRAN YADAV CA/2010/49182 — MORPHOGENESIS Ph: 011-41828070

SCALE: 1:300

DATE: 05.09.2024

DRAWING NAME S-TPLAN-03