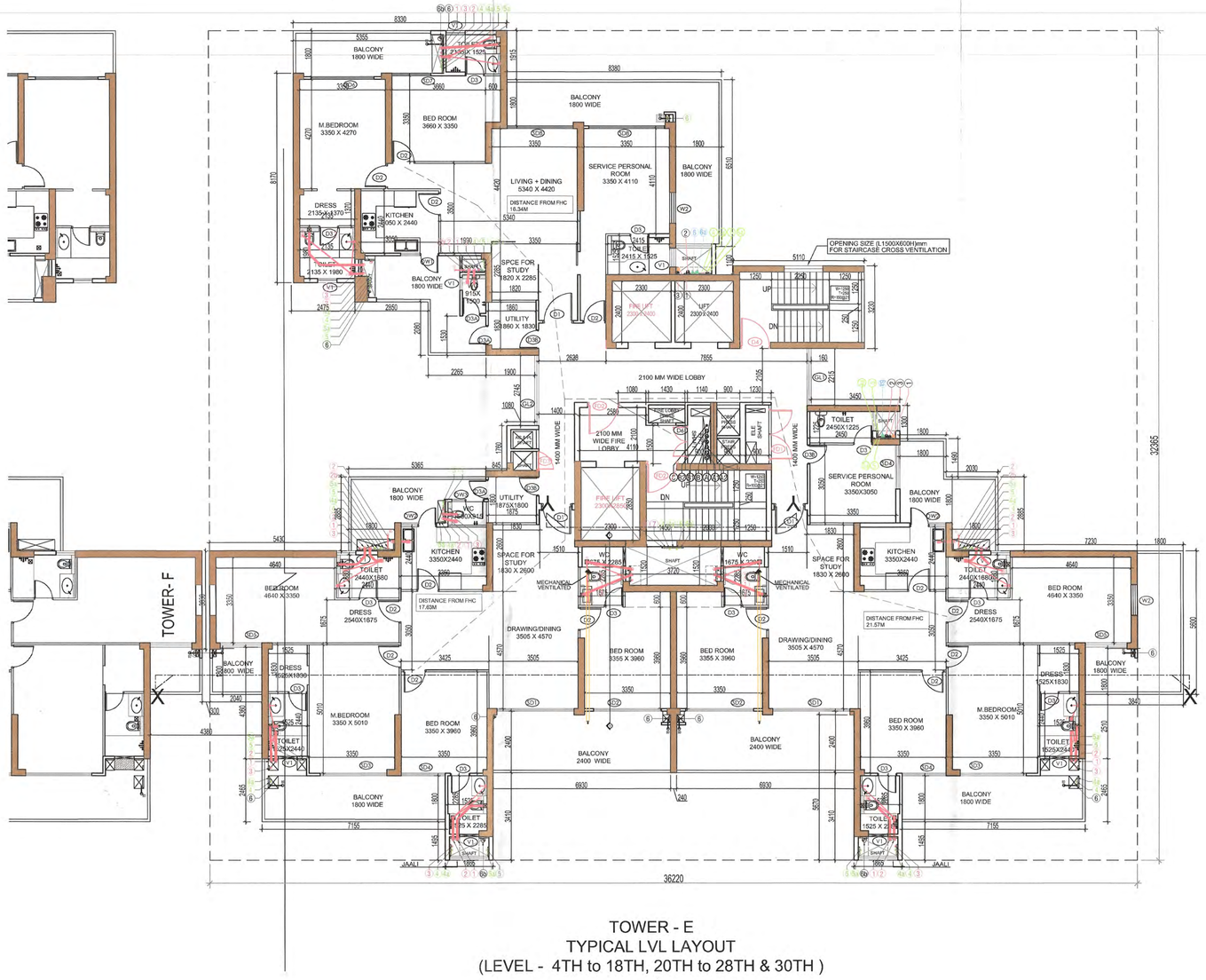
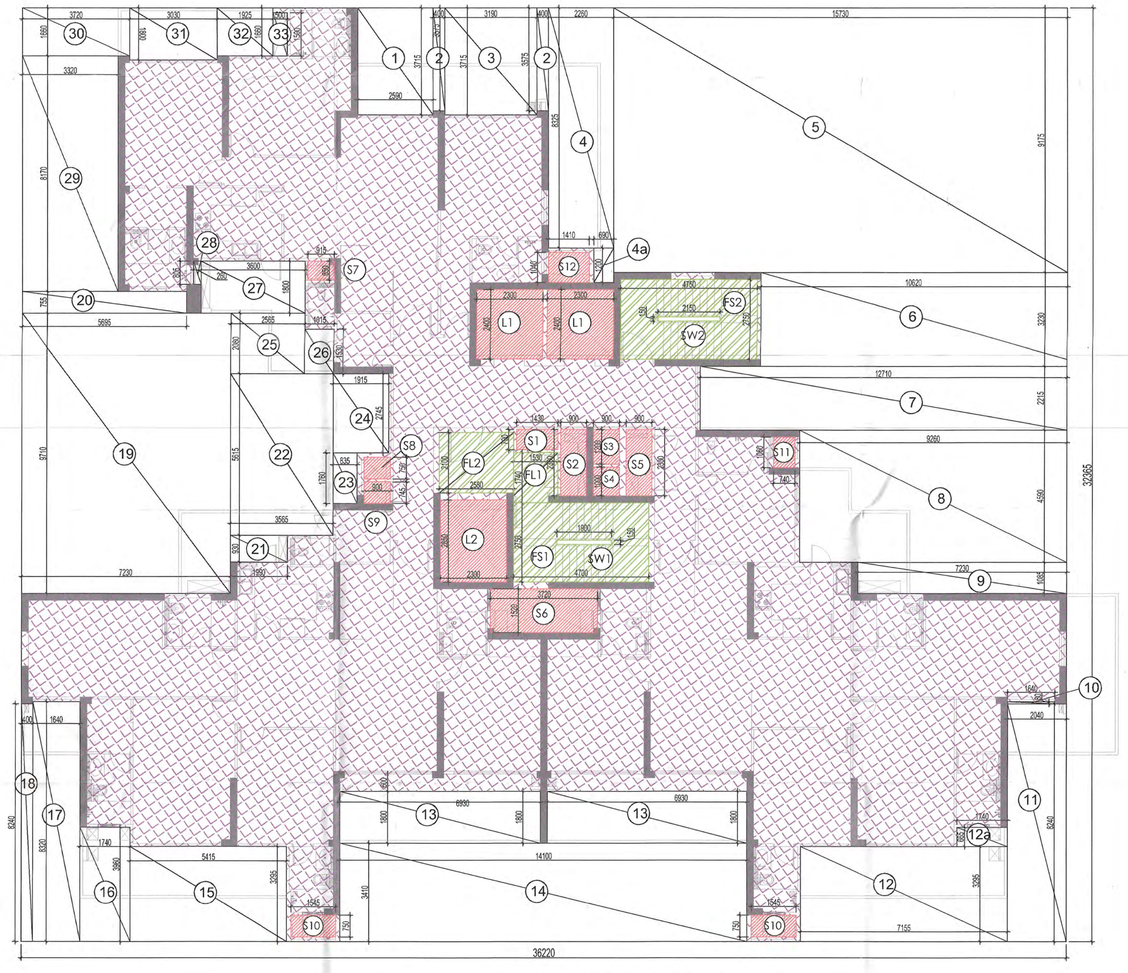


TOWER - E
TYPICAL LVL LAYOUT
(LEVEL - 4TH to 18TH, 20TH to 28TH & 30TH)



TOWER - E TYPICAL LVL AREA DIAGRAM
(LEVEL - 4TH to 18TH, 20TH to 28TH & 30TH)

FAR AREA AT TYPICAL LVL -TOWER - E
(All Distances are in Meter & Areas in Sqm)

ADDITIONS (A)

ITEM	NO.S	WIDTH (MTR.)	LENGTH (MTR.)	AREA(SQ.MT.) = NO.X LENGTH X WIDTH
A	1	36.220	32.365	1172.260
TOTAL(A) =				**1172.260**

DEDUCTION (B)

ITEM	NO.S	WIDTH (MTR.)	LENGTH (MTR.)	AREA(SQ.MT.) = NO.X LENGTH X WIDTH
1	1	2.590	3.715	9.622
2	2	0.400	3.575	2.860
3	1	3.190	3.715	11.851
4	1	2.260	8.325	18.815
4a	1	0.690	1.200	0.828
5	1	15.730	9.175	144.323
6	1	10.620	3.230	34.303
7	1	12.710	2.215	28.153
8	1	9.260	4.590	42.503
9	1	7.230	1.085	7.845
10	1	1.640	0.080	0.131
11	1	2.040	8.240	16.810
12	1	7.155	3.295	23.576
12a	1	1.740	0.665	1.157
13	2	6.930	1.800	24.948
14	1	14.100	3.410	48.081
15	1	5.415	3.295	17.842
16	1	1.740	3.960	6.890
17	1	1.640	8.320	13.645
18	1	0.400	8.240	3.296
19	1	7.230	9.710	70.203
20	1	5.695	0.755	4.300
21	1	1.990	0.930	1.851
22	1	3.565	5.615	20.017
23	1	0.835	1.760	1.470
24	1	1.915	2.745	5.257
25	1	2.565	2.080	5.335
26	1	1.015	1.530	1.553
27	1	3.600	1.800	6.480
28	1	0.260	0.805	0.209
29	1	3.320	8.170	27.124
30	1	3.720	1.660	6.175
31	1	3.030	1.800	5.454
32	1	1.925	1.660	3.196
33	1	0.500	1.500	0.750
TOTAL				**616.851**

SERVICE SHAFT & LIFT (C)

ITEM	NO.S	WIDTH (MTR.)	LENGTH (MTR.)	AREA(SQ.MT.) = NO.X LENGTH X WIDTH
L1	2	2.300	2.400	11.040
L2	1	2.300	2.850	6.555
S1	1	1.430	0.700	1.001
S2	1	0.900	2.300	2.070
S3	1	0.900	1.200	1.080
S4	1	0.900	1.000	0.900
S5	1	0.900	2.300	2.070
S6	1	3.720	1.520	5.654
S7	1	0.915	0.650	0.595
S8	1	0.900	0.750	0.675
S9	1	0.900	0.745	0.671
S10	2	1.545	0.750	2.318
S12	1	0.740	1.060	0.784
S13	1	1.410	1.040	1.466
TOTAL SERVICES AREA				**36.879**

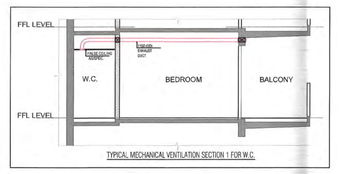
NON FAR/ STAIRCASE (D)

ITEM	NO.S	WIDTH (MTR.)	LENGTH (MTR.)	AREA(SQ.MT.) = NO.X LENGTH X WIDTH
FL1	1	1.530	1.740	2.662
FL2	1	2.580	2.100	5.418
FS1	1	4.700	2.750	12.925
FS2	1	2.750	4.750	13.063
TOTAL NON FAR AREA				**34.068**

DEDUCTION (E)

ITEM	NO.S	WIDTH (MTR.)	LENGTH (MTR.)	AREA(SQ.MT.) = NO.X LENGTH X WIDTH
SW1	1	1.900	0.150	0.285
SW2	1	0.150	2.150	0.323
TOTAL				**0.608**

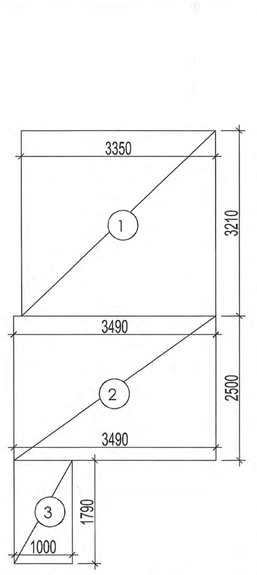
TOTAL NON FAR AREA (F) = (D-E)				
34.068	-	0.608	=	**33.460**
TOTAL FAR AREA AT TYP LVL. = ADDITION(A) - DEDUCTION				
1172.260	-	616.851	-	**36.879**
-	34.068	=	**484.462**	**SQ.MT**



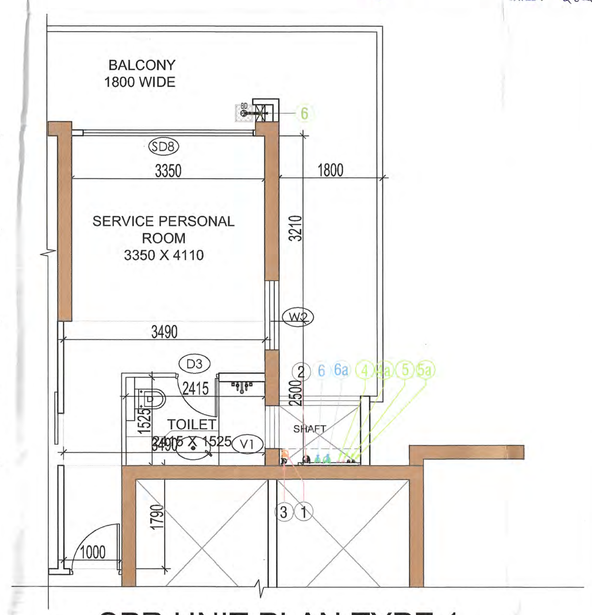
TYPICAL MECHANICAL VENTILATION SECTION I FOR W.C.

TYPICAL MECHANICAL VENTIALTION CALCULATION FOR W.C.

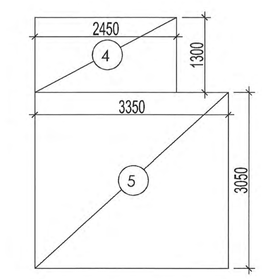
S.No.	Location	Area (Sq.ft.)	Height (Ft.)	Volume (Cu.ft.)	Design CFM	SELECTED EXHAUST FAN CFM	FAN SIZE LXBXH (mm)	EXHAUST DUCT SIZE DIAMETER (mm)
1	TYPICAL MECHANICAL VENTIALTION FOR W.C.							
1.1	W.C.	43	9.2	395	79	1# 100 cfm cassette Inline fan	270X270X171	110 (OD)



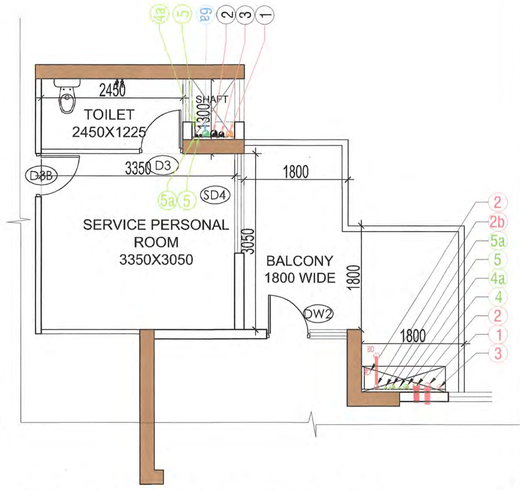
SPR UNIT
AREA DIAGRAM (TYPE 1)



SPR UNIT PLAN TYPE 1



SPR UNIT
AREA DIAGRAM (TYPE 2)



SPR UNIT PLAN TYPE 2

TOWER E SPR UNIT TYPE 1 CARPET AREA
(All Distances are in Meter & Areas in Sqm)

ADDITIONS (A)

ITEM	NO.S	WIDTH (MTR.)	LENGTH (MTR.)	AREA(SQ.MT.) = NO.X LENGTH X WIDTH
1	1	3.350	3.210	10.754
2	1	3.490	2.500	8.725
3	1	1.000	1.790	1.790
TOTAL(A) =				**21.269**

TOWER E SPR UNIT TYPE 2 CARPET AREA
(All Distances are in Meter & Areas in Sqm)

ADDITIONS (A)

ITEM	NO.S	WIDTH (MTR.)	LENGTH (MTR.)	AREA(SQ.MT.) = NO.X LENGTH X WIDTH
4	1	2.450	1.300	3.185
5	1	3.350	3.050	10.218
TOTAL(A) =				**13.403**

Checked and found ok for Public Health (Internal) Service only cannot be responsible for in forwarding water No. 25879 Dt. 5/12/23

Superintending Engineer (HQ) for Chief Engineer-I HSVP, Panchkula

DTP (HQ) | S.T.P.(HQ) Member Secretary B.P.A.C. | S.T.P.(G) Member B.P.A.C. | CTP (HQ) Chairman B.P.A.C.

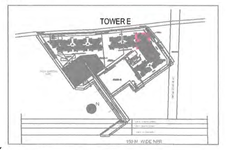
SANCTIONED TO BE READ WITH THIS OFFICE MEMO NO.: 9314 DATED: 20-02-2024

Consultant Architect | ATP(HQ) | Rajesh Dutt, JD(HQ)

NOTES

1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE RELEVANT ARCHITECTURAL STRUCTURAL, MEP DRAWINGS.
2. ANY DISCREPANCY BETWEEN THE VARIOUS DRAWINGS SHALL BE BROUGHT TO THE NOTICE OF THE ARCHITECT IMMEDIATELY.
3. THE DRAWING SHALL NOT BE SCALED, ONLY WRITTEN DIMENSIONS SHALL BE FOLLOWED.
4. THE FINISHED FLOOR LEVELS GIVEN IN THIS DRAWING ARE WITH RESPECT TO THE CENTRE LINE OF THE FRONT ROAD AT THE MIDDLE OF PLOT AS ± 0.00M.
5. PLEASE FOLLOW SERVICES DRAWING FOR ELECTRICAL AND SERVICES SHAFT DETAIL.
6. FOR STAIRCASE, LIFT LOBBY, TOILET, KITCHEN, RAILING AND BALCONY PLEASE FOLLOW DETAIL DRAWING.

KEY PLAN



REMARK

DOOR WINDOW SCHEDULE

TYPE	WIDTH	HEIGHT	SILL LVL	LINTEL LVL	REMARKS
D1	1200	2400	±.00	2400	ENTRANCE (ONE HOUR FIRE RATED DOOR)
D1A	1200	2400	±.00	2400	ENTRANCE REFUGE FLOOR (TWO HOUR FIRE RATED DOOR)
D2	900	2250	±.00	2250	BEDROOMS/ KITCHEN ENTRY
D3	750	2250	±.00	2250	TOILETS
D3A	750	2500	±.00	2500	UTILITY BALCONY DOOR
D3B	750	2400	±.00	2400	UTILITY ENTRANCE (ONE HOUR FIRE RATED DOOR)
D3C	750	2400	±.00	2400	UTILITY ENTRANCE REFUGE LVL (ONE HOUR FIRE RATED DOOR)
D4	1200	2400	±.00	2100	COORIDOR STAIRCASE DOOR
D5	1250	2400	±.00	2400	STILT LOBBY ENTRANCE
D6	1200	2000	+100	2100	FHC
SD1	3020	2500	±.00	2500	DRAWING ROOM
SD2	2650	2500	±.00	2500	BEDROOM
SD3	2650	2500	±.00	2500	BEDROOM
SD4	1725	2500	±.00	2500	BEDROOM
SD5	1640	2500	±.00	2500	BEDROOM
SD6	2450	2500	±.00	2500	BEDROOM
SD7	1525	2500	±.00	2500	BEDROOM
SD8	2590	2500	±.00	2500	LIVING/BEDROOM
DW1	1500	1450	+1050	2500	KITCHEN, UTILITY
DW2	1400	1450	+1050	2500	KITCHEN, UTILITY
DW3	1250	1450	+1050	2500	UTILITY
W1	1200	1250	+1250	2500	BEDROOM
W2	1200	2350	+150	2500	BEDROOM
V1	600	1450	+1050	2500	TOILETS
FD1	2000	2000	+100	2100	FIRE RATED DOOR
FD2	1250	2400	100	2400	FIRE RATED DOOR
FD3	750	2000	100	2100	FIRE RATED DOOR
FD4	1000	2000	100	2100	FIRE RATED DOOR
GL1	2350	2400	100	2500	CORRIDOOR
GL2	3045	2400	100	2500	CORRIDOOR
GL3	2000	2400	±0.0	2400	ENTRANCE LOBBY DOOR
GL4	2215	2400	100	2500	CORRIDOOR

LEGEND FOR PLUMBING:-

1	100Ø SOIL & VENT PIPE
1a	150Ø SOIL & VENT PIPE
2	100Ø WASTE & VENT PIPE
2a	150Ø WASTE & VENT PIPE
2b	75Ø WASTE PIPE FOR UTILITY BALCONY
3	75Ø ANTI-SYPHONAGE PIPE
4	DOMESTIC WATER SUPPLY PIPE
4a	DOMESTIC WATER SUPPLY PIPE FOR GF TO 5 FLOOR FROM BOOSTER LINE
5	FLUSHING WATER SUPPLY PIPE FOR LOW RISE
5a	FLUSHING WATER SUPPLY PIPE FOR HIGH RISE
6	75Ø RAIN WATER PIPE FOR BALCONY
6a	100Ø RAIN WATER PIPE
6b	150Ø RAIN WATER PIPE
6c	200Ø RAIN WATER PIPE
7	DOMESTIC WATER TANK FILLING PIPE
8	FLUSHING WATER TANK FILLING PIPE
FWP	FIRE WATER PIPE
	EXHAUST AIR GRILLE

FIRE FIGHTING LEGEND:-

(A)	150Ø FIRE PIPE FOR LOW RISE
(B)	150Ø FIRE PIPE FOR MID RISE
(C)	150Ø FIRE PIPE FOR HIGH RISE
(D)	150Ø SPRINKLER PIPE FOR LOW RISE
(E)	150Ø SPRINKLER PIPE FOR MID RISE
(F)	150Ø SPRINKLER PIPE FOR HIGH RISE
(G)	80Ø SPRINKLER DRAIN PIPE

Owner:
Union Buildmart Pvt.Ldt, Vibrant infratech Pvt. Ltd, Targe Buildcon Pvt in Collaboration with Union Buildmart Pvt. Ltd

Architect:
GIAN P. MATHUR AND ASSOCIATES (P) LTD.
C - 55, East Of Kailash, New Delhi-110065
T : 011-46599599 / F 011-46599512
E : info@gpmindia.com/ W : www.gpmindia.com

Project Title:
GROUP HOUSING COLONY (MIX LAND USE RESIDENTIAL 99.5% AND 0.5% COMMERCIAL) ON THE AREA MEASURING 10.225 ACRES **(LICENCE NO. 229 OF 2023 DATED 02-11-2023) IN** SECTOR -113, GURUGRAM

Status: SUBMISSION DRAWING

Sheet Title: TOWER - E
TYPICAL FLOOR PLAN
4th to 18th & 20st to 28th & 30TH to 31ST

Owner's Sign: Union Buildmart Pvt. Ltd. Authorised Signatory

Architect's Sign: GIAN P. MATHUR ARCHITECT B. Arch., M.C.A. I.I.A CA No. 80/5769

SCALE: 1:100

DWG. No. SD/AR/M3M-113A/TOWER-E/003