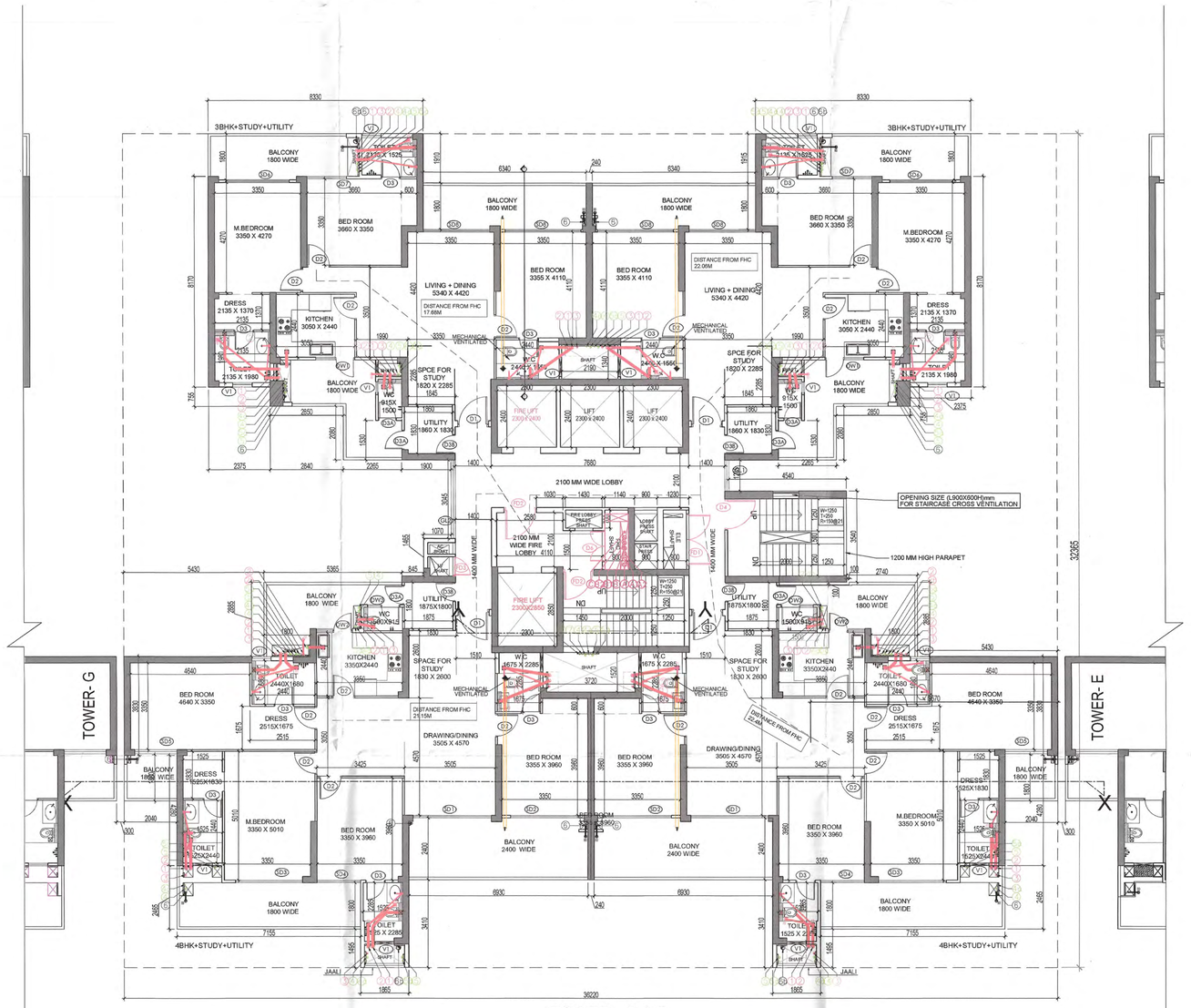
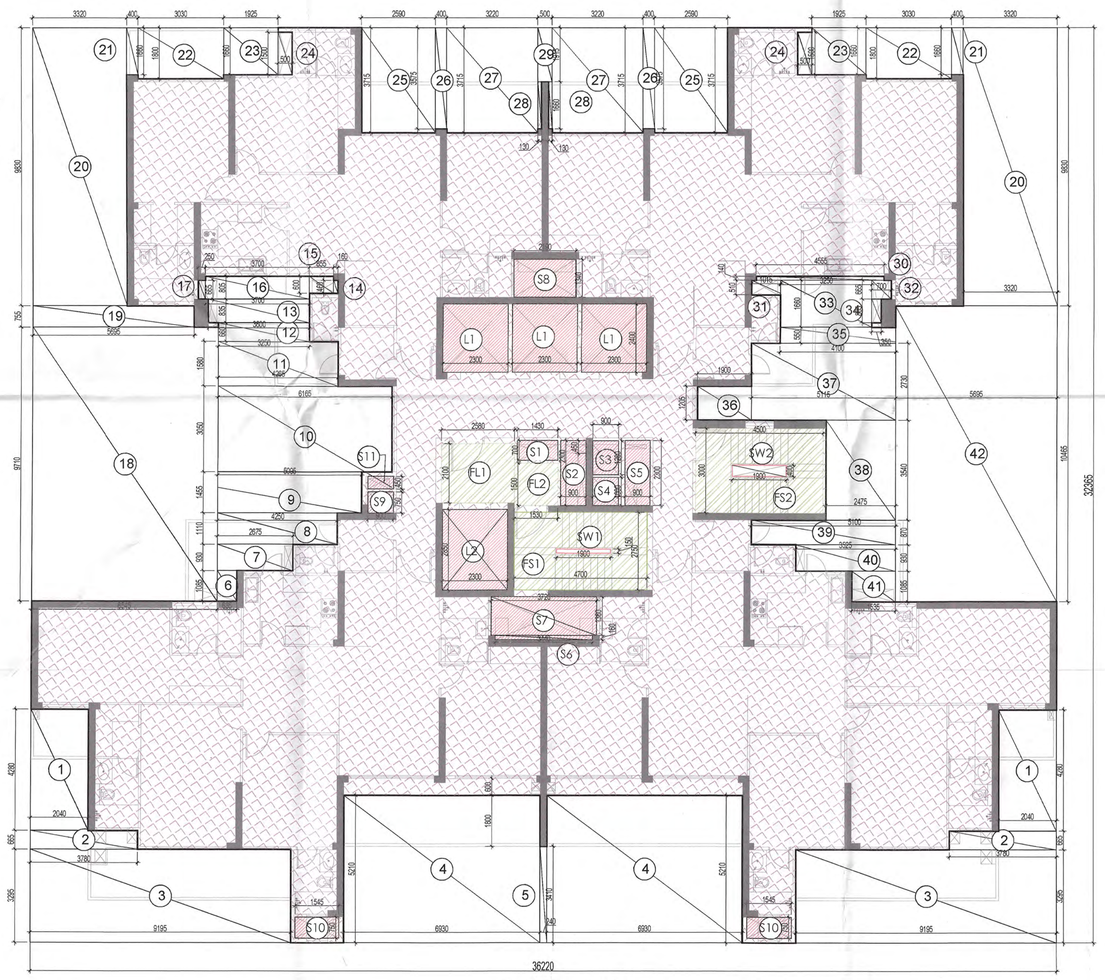



TOWER - C & F
TYPICAL LVL LAYOUT
(LEVEL - 3rd to 18th & 20th to 28th & 30th)




TOWER - C & F
TYPICAL LVL AREA DIAGRAM
(LEVEL - 1st, 2nd & 3rd to 18th & 20th to 28th & 30th)

## FAR AREA AT TYPICAL LVL -TOWER - F & C
(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 | 2 | 2.040 | 4.280 | 17.462 |
| 2 | 2 | 3.780 | 0.665 | 5.027 |
| 3 | 2 | 9.195 | 3.295 | 60.595 |
| 4 | 2 | 6.930 | 5.210 | 72.211 |
| 5 | 1 | 0.240 | 3.410 | 0.818 |
| 6 | 1 | 0.685 | 1.085 | 0.743 |
| 7 | 1 | 2.675 | 0.930 | 2.488 |
| 8 | 1 | 4.250 | 1.110 | 4.718 |
| 9 | 1 | 5.095 | 1.455 | 7.413 |
| 10 | 1 | 6.165 | 3.050 | 18.803 |
| 11 | 1 | 4.265 | 1.580 | 6.739 |
| 12 | 1 | 3.250 | 0.660 | 2.145 |
| 13 | 1 | 3.600 | 0.835 | 3.006 |
| 14 | 1 | 0.160 | 0.460 | 0.074 |
| 15 | 1 | 0.855 | 0.600 | 0.513 |
| 16 | 1 | 3.700 | 0.805 | 2.979 |
| 17 | 1 | 0.250 | 0.665 | 0.166 |
| 18 | 1 | 6.545 | 9.710 | 63.552 |
| 19 | 1 | 5.695 | 0.755 | 4.300 |
| 20 | 2 | 3.320 | 9.830 | 65.271 |
| 21 | 2 | 0.400 | 1.660 | 1.328 |
| 22 | 2 | 3.030 | 1.800 | 10.908 |
| 23 | 2 | 1.925 | 1.660 | 6.391 |
| 24 | 2 | 0.500 | 1.500 | 1.500 |
| 25 | 2 | 2.590 | 3.715 | 19.244 |
| 26 | 2 | 0.400 | 3.575 | 2.860 |
| 27 | 2 | 3.220 | 3.715 | 23.925 |
| 28 | 2 | 0.130 | 1.660 | 0.432 |
| 29 | 1 | 0.500 | 1.915 | 0.958 |
| 30 | 1 | 4.555 | 0.140 | 0.638 |
| 31 | 1 | 1.015 | 0.510 | 0.518 |
| 32 | 1 | 0.700 | 0.665 | 0.466 |
| 33 | 1 | 3.250 | 1.660 | 5.395 |
| 34 | 1 | 0.350 | 0.835 | 0.292 |
| 35 | 1 | 4.100 | 0.550 | 2.255 |
| 36 | 1 | 1.900 | 1.205 | 2.290 |
| 37 | 1 | 5.115 | 2.730 | 13.964 |
| 38 | 1 | 2.475 | 3.540 | 8.762 |
| 39 | 1 | 5.100 | 0.870 | 4.437 |
| 40 | 1 | 3.525 | 0.930 | 3.278 |
| 41 | 1 | 1.535 | 1.085 | 1.665 |
| 42 | 1 | 5.695 | 10.465 | 59.598 |
| **TOTAL** | | | | **510.124** |

**SERVICE SHAFT & LIFT ( C )**

| ITEM | NO.S | WIDTH (MTR.) | LENGTH (MTR.) | AREA(SQ.MT.) = NO.X LENGTH X WIDTH |
|---|---|---|---|---|
| L1 | 3 | 2.300 | 2.400 | 16.560 |
| 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 | 3.440 | 0.160 | 0.550 |
| S7 | 1 | 3.720 | 1.360 | 5.059 |
| S8 | 1 | 2.190 | 1.340 | 2.935 |
| S9 | 1 | 0.900 | 0.750 | 0.675 |
| S10 | 2 | 1.545 | 0.750 | 2.318 |
| S11 | 1 | 0.900 | 0.450 | 0.405 |
| **TOTAL SERVICES AREA** | | | | **42.178** |

**NON FAR/ STAIRCASE ( D )**

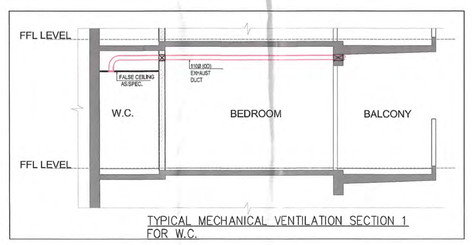
| ITEM | NO.S | WIDTH (MTR.) | LENGTH (MTR.) | AREA(SQ.MT.) = NO.X LENGTH X WIDTH |
|---|---|---|---|---|
| FL1 | 1 | 2.580 | 2.100 | 5.418 |
| FL2 | 1 | 1.500 | 1.530 | 2.295 |
| FS1 | 1 | 4.700 | 2.750 | 12.925 |
| FS2 | 1 | 4.500 | 3.000 | 13.500 |
| **TOTAL NON FAR AREA** | | | | **34.138** |

**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 | 1.900 | 0.400 | 0.760 |
| **TOTAL** | | | | **1.045** |

| TOTAL NON FAR AREA (F) = (D-E) | | | | |
|---|---|---|---|---|
| 34.138 | - | 1.045 | = | 33.093 |

| TOTAL FAR AREA AT TYP LVL. = ADDITION(A) - DEDUCTION (B+C+D)= | | | | |
|---|---|---|---|---|
| 1172.260 | - | 510.124 | - | 42.178 |
| - | 34.138 | = | **585.821** | **SQ.MT** |




TYPICAL MECHANICAL VENTILATION SECTION 1 FOR W.C.

**TYPICAL MECHANICAL VENTILATION CALCULATION FOR W.C.**

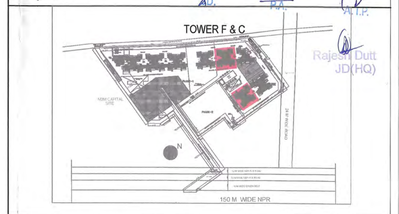
| S.No. | Location | Area (Sq.ft.) | Height ( Ft.) | Volume (Cu.ft.) | Design CFM | SELECTED EXHAUST FAN | FAN SIZE LXBXH (mm) | EXHAUST DUCT SIZE DIAMETER (mm) |
|---|---|---|---|---|---|---|---|---|
| 1 | TYPICAL MECHANICAL VENTILATION FOR W.C. | | | | | | | |
| 1.1 | W.C. | 43 | 9.2 | 395 | 79 | 1#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

SANCTIONED
TO BE READ WITH THIS OFFICE
MEMO NO.:-5374
DATED :-24/11/2023

DTP (HQ) — S.T.P. (HQ) Member Secretary B.P.A.C. — S.T.P. (I) Member B.P.A.C. — C.A.O. Member B.P.A.C.

Consultant Architect — ATP(HQ) — DTP (HQ) MEMBER B.P.A.C.

Key Plan




| 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 & TERRACE LOBBY |
| D6 | 1200 | 2000 | +100 | 2100 | FHC |
| SD1 | 3020 | 2500 | ± 00 | 2500 | DRAWING ROOM |
| SD2 | 2650 | 2500 | ± 00 | 2500 | BEDROOM |
| SD3 | 2600 | 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 |
| V1 | 600 | 1450 | +1050 | 2500 | TOILETS |
| FD1 | 2000 | 2000 | +100 | 2100 | FIRE RATED DOOR |
| FD2 | 1250 | 2400 | ± 00 | 2400 | FIRE RATED DOOR |
| FD3 | 750 | 2000 | 100 | 2100 | FIRE RATED DOOR |
| FD4 | 1000 | 2000 | 100 | 2100 | FIRE RATED DOOR |
| GL1 | 1200 | 2400 | 100 | 2500 | CORRIDOR |
| GL2 | 3045 | 2400 | 100 | 2500 | CORRIDOOR |
| GL3 | 3000 | 2400 | 100 | 2400 | 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 TOP 5 FLOOR FROM BOOSTER LINE |
| 5 | FLUSHING WATER SUPPLY PIPE FOR LOW |
| 5a | FLUSHING WATER SUPPLY PIPE FOR MID |
| 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 |
| | 110Ø PVC PIPE |
| | EXHAUST AIR GRILLE |

FIRE FIGHTING LEGEND:-

| | |
|---|---|
| A | 150Ø FIRE PIPE FOR LOW RISE |
| A1 | 150Ø FIRE PIPE FOR MID RISE |
| A2 | 150Ø FIRE PIPE FOR HIGH RISE |
| B | 150Ø SPRINKLER PIPE FOR LOW RISE |
| B1 | 150Ø SPRINKLER PIPE FOR MID RISE |
| B2 | 150Ø SPRINKLER PIPE FOR HIGH RISE |
| C | 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:
RESIDENTIAL -TOWER-C & F
TYPICAL LVL LAYOUT & AREA DETAILS

Checked and found ok for Public Health (Internal) Service only subject to comments in forwarding letter No. 259679 Dt. 5/12/23

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

LEGEND:-
- AREA FAR
- AREA NON FAR
- SERVICE SHAFT (CUTOUT)
- 2 HRS. FIRE RATED FULL HEIGHT WALL

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

DATE:

DWG. No. SD/AR/M3M-113A/T-C&F/104