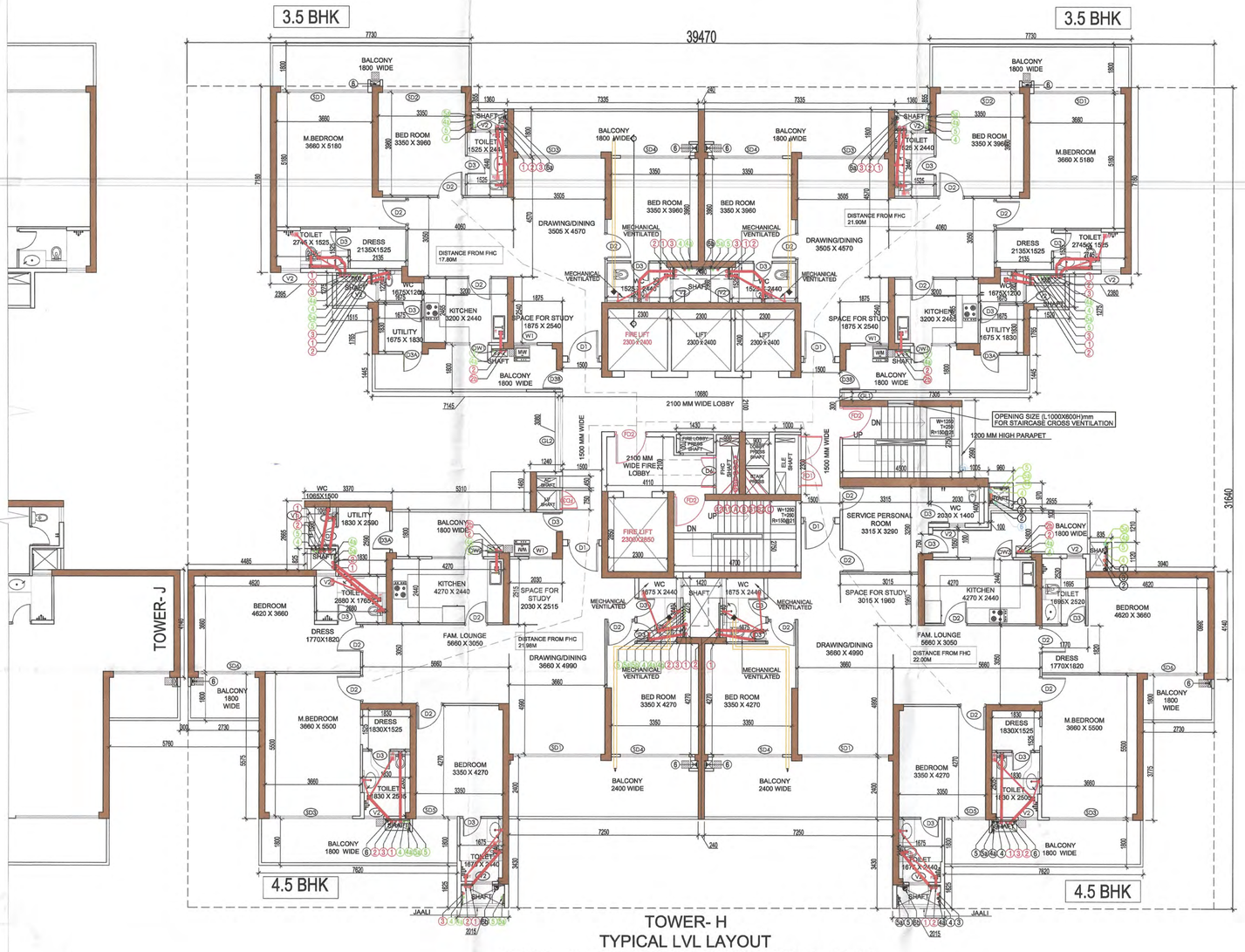
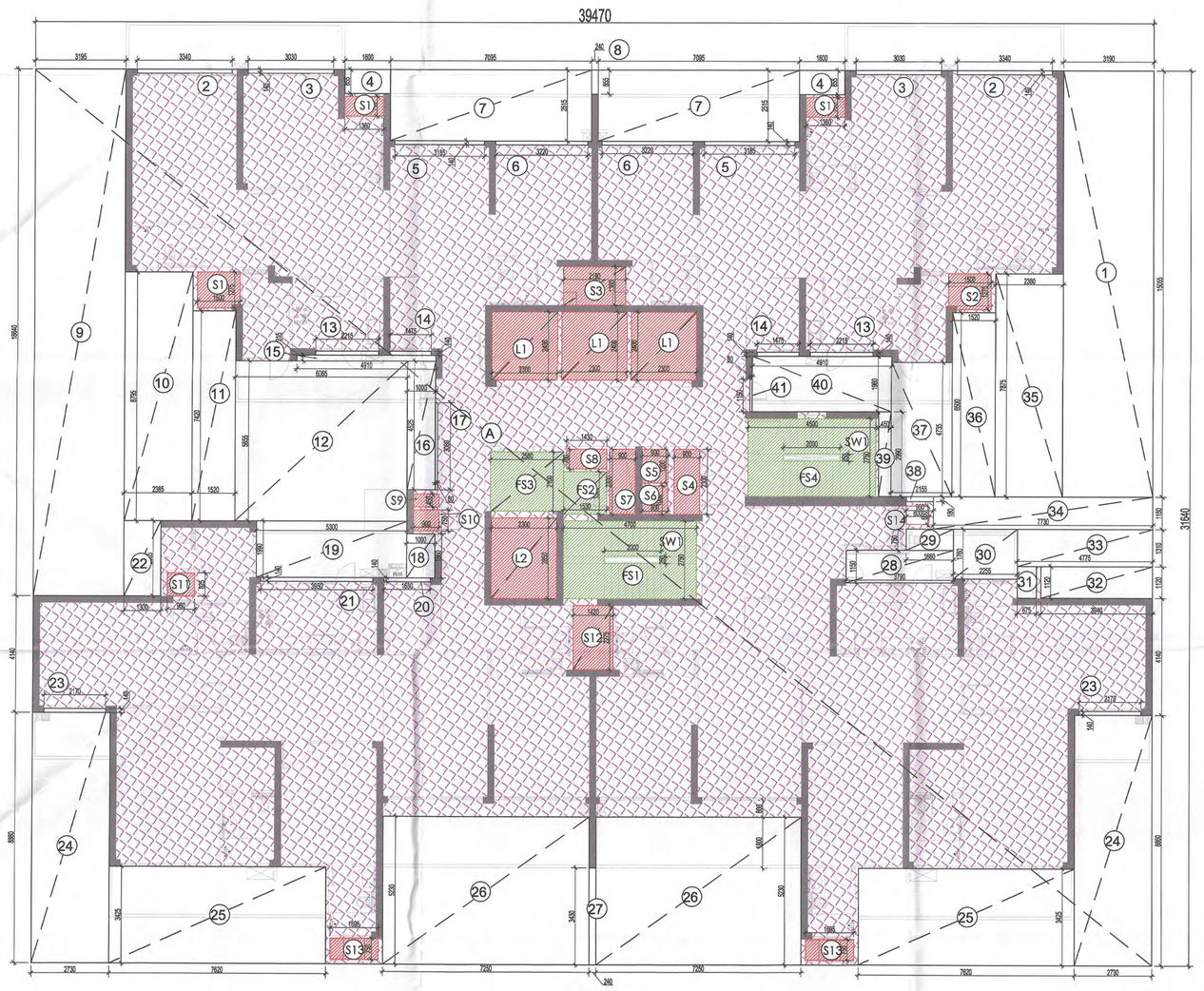



TOWER- H
TYPICAL LVL LAYOUT
(LEVEL - 3rd to 18th & 20th to 28th & 30th to 32nd)



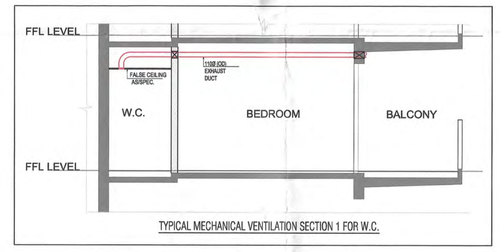

TOWER- H
TYPICAL LVL AREA DIAGRAM
(LEVEL - 1st,2nd & 3rd to 18th & 20th to 28th & 30th to 32nd)

| FAR AREA AT TYPICAL FLOOR LVL -BLOCK - H (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 | 39.470 | 31.640 | 1248.831 |
| | TOTAL(A) = | | | **1248.831** |
| **DEDUCTION (B)** | | | | |
| **ITEM** | **NO.S** | **WIDTH (MTR.)** | **LENGTH (MTR.)** | **AREA(SQ.MT.) = NO.X LENGTH X WIDTH** |
| 1 | 1 | 3.190 | 15.055 | 48.025 |
| 2 | 2 | 3.350 | 0.140 | 0.938 |
| 3 | 2 | 3.030 | 0.140 | 0.848 |
| 4 | 2 | 1.600 | 0.855 | 2.736 |
| 5 | 2 | 3.185 | 0.140 | 0.892 |
| 6 | 2 | 3.220 | 0.140 | 0.902 |
| 7 | 2 | 7.095 | 2.515 | 35.688 |
| 8 | 1 | 0.240 | 0.855 | 0.205 |
| 9 | 1 | 3.195 | 18.640 | 59.555 |
| 10 | 1 | 2.385 | 8.795 | 20.976 |
| 11 | 1 | 1.520 | 7.420 | 11.278 |
| 12 | 1 | 6.065 | 5.655 | 34.298 |
| 13 | 2 | 2.215 | 0.140 | 0.620 |
| 14 | 2 | 1.475 | 0.140 | 0.413 |
| 15 | 1 | 4.910 | 0.215 | 1.056 |
| 16 | 1 | 1.000 | 4.525 | 4.525 |
| 17 | 1 | 0.080 | 3.080 | 0.246 |
| 18 | 1 | 1.000 | 1.560 | 1.560 |
| 19 | 1 | 5.300 | 1.990 | 10.547 |
| 20 | 1 | 1.630 | 0.140 | 0.228 |
| 21 | 1 | 3.950 | 0.140 | 0.553 |
| 22 | 1 | 1.300 | 2.665 | 3.465 |
| 23 | 2 | 2.170 | 0.140 | 0.608 |
| 24 | 2 | 2.730 | 8.860 | 48.376 |
| 25 | 2 | 7.620 | 3.425 | 52.197 |
| 26 | 2 | 7.250 | 5.230 | 75.835 |
| 27 | 1 | 0.240 | 3.430 | 0.823 |
| 28 | 1 | 3.790 | 1.150 | 4.359 |
| 29 | 1 | 1.660 | 0.750 | 1.245 |
| 30 | 1 | 2.255 | 1.760 | 3.969 |
| 31 | 1 | 0.675 | 1.120 | 0.756 |
| 32 | 1 | 3.940 | 1.120 | 4.413 |
| 33 | 1 | 4.775 | 1.310 | 6.255 |
| 34 | 1 | 7.730 | 1.150 | 8.890 |
| 35 | 1 | 2.380 | 7.875 | 18.743 |
| 36 | 1 | 1.520 | 6.500 | 9.880 |
| 37 | 1 | 2.155 | 4.735 | 10.204 |
| 38 | 1 | 0.960 | 0.180 | 0.173 |
| 39 | 1 | 0.450 | 2.990 | 1.346 |
| 40 | 1 | 4.910 | 1.960 | 9.624 |
| 41 | 1 | 0.080 | 1.150 | 0.092 |
| | TOTAL | | | 497.339 |
| **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 | 2 | 1.360 | 0.705 | 1.918 |
| S2 | 2 | 1.500 | 1.275 | 3.825 |
| S3 | 1 | 2.190 | 1.360 | 2.978 |
| S4 | 1 | 0.900 | 2.300 | 2.070 |
| S5 | 1 | 0.900 | 1.200 | 1.080 |
| S6 | 1 | 0.900 | 1.000 | 0.900 |
| S7 | 1 | 0.900 | 2.300 | 2.070 |
| S8 | 1 | 1.430 | 0.700 | 1.001 |
| S9 | 1 | 0.900 | 0.450 | 0.405 |
| S10 | 1 | 0.900 | 0.750 | 0.675 |
| S11 | 1 | 0.960 | 0.825 | 0.792 |
| S12 | 1 | 1.420 | 2.275 | 3.231 |
| S13 | 2 | 1.695 | 0.750 | 2.543 |
| S14 | 1 | 0.800 | 0.650 | 0.520 |
| **TOTAL SERVICES AREA** | | | | **47.122** |
| **NON FAR/ STAIRCASE ( D )** | | | | |
| **ITEM** | **NO.S** | **WIDTH (MTR.)** | **LENGTH (MTR.)** | **AREA(SQ.MT.) = NO.X LENGTH X WIDTH** |
| FS1 | 1 | 4.700 | 2.750 | 12.925 |
| FS2 | 1 | 1.530 | 1.500 | 2.295 |
| FS3 | 1 | 2.580 | 2.100 | 5.418 |
| FS4 | 1 | 4.500 | 2.750 | 12.375 |
| **TOTAL NON FAR AREA** | | | | **33.013** |
| **DEDUCTION (E)** | | | | |
| **ITEM** | **NO.S** | **WIDTH (MTR.)** | **LENGTH (MTR.)** | **AREA(SQ.MT.) = NO.X LENGTH X WIDTH** |
| SW1 | 2 | 2.000 | 0.250 | 1.000 |
| **TOTAL=** | | | | **1.000** |
| **TOTAL NON FAR AREA (F) = (D-E)** | | | | |
| **33.013** | **-** | **1.000** | **=** | **32.013** |
| **TOTAL FAR AREA AT TYPICAL LVL. = ADDITION(A) - DEDUCTION (B+C+D)=** | | | | |
| 1248.831 | - | 497.339 | - | 47.122 |
| - | 33.013 | = | **671.357** | **SQ.MT** |

LEGEND:-

SANCTIONED
TO BE READ WITH THIS OFFICE MEMO NO.: 6314
DATED: 20-02-2024

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




TYPICAL MECHANICAL VENTILATION SECTION 1 FOR W.C.

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

| S.No. | Location | Area (Sq.ft.) | Height ( Ft.) | Volume (Cu.ft.) | Design CFM CFM | SELECTED EXHAUST FAN | 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) |

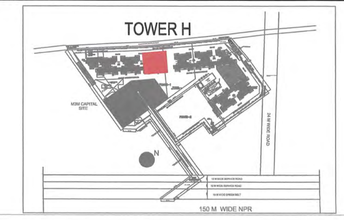
| DOOR WINDOW SCHEDULE | | | | | |
|---|---|---|---|---|---|
| TYPE | WIDTH | HEIGHT | SILL LVL | LINTEL LVL | REMARKS |
| D1 | 1200 | 2400 | ± 00 | 2400 | ENTRANCE (ONE HOUR FIRE RATED DOOR) |
| D1A | 1200 | 2400 | ± 00 | 2400 | ENTRANCE REFUGE FLOOR (TWO HOUR FIRE RATED DOOR) |
| D2 | 900 | 2250 | ± 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 | 3340 | 2400 | ± 00 | 2500 | DRAWING/M.BEDROOM |
| SD2 | 3030 | 2400 | ± 00 | 2500 | BEDROOM |
| SD3 | 3185 | 2400 | ± 00 | 2500 | DRAWING ROOM |
| SD3A | 4400 | 2400 | ± 00 | 2500 | BEDROOM |
| SD3B | 3195 | 2400 | ± 00 | 2500 | BEDROOM |
| SD3C | 2770 | 2400 | ± 00 | 2500 | FAMILY LOUNGE |
| SD4 | 2650 | 2400 | ± 00 | 2500 | BEDROOM |
| SD4A | 3000 | 2400 | ± 00 | 2500 | DRAWING ROOM |
| SD5 | 1575 | 2400 | ± 00 | 2500 | BEDROOM |
| GL5 | 1575 | 2400 | ± 00 | 2500 | TOILET |
| SD6 | 2170 | 2400 | ± 00 | 2500 | BEDROOM |
| DW1 | 1675 | 1450 | +1050 | 2500 | KITCHEN |
| DW2 | 2000 | 1450 | +1050 | 2500 | KITCHEN |
| V1 | 600 | 1450 | +1050 | 2500 | TOILETS |
| V2 | 750 | 1450 | +1050 | 2500 | TOILETS |
| W1 | 900 | 1600 | 900 | 2500 | SPACE FOR STUDY |
| W2 | 800 | 1600 | 900 | 2500 | UTILITY |
| 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 | CORRIDOOR |
| GL2 | 300 | 2400 | 100 | 2500 | CORRIDOOR |
| GL3 | 910 | 2400 | ±0.0 | 2500 | SHOP FRONT DOOR |
| GL4 | 2000 | 2400 | ±0.0 | 2400 | ENTRANCE LOBBY DOOR |

DTP (HQ) — S.T.P. (HQ) Member Secretary B.P.A.C. — S.T.P. (G) Member B.P.A.C. — S.T.P. (HQR) Chairman B.P.A.C. — ATP(HQ) — Consultant Architect — DD(T) MEMBER BPAC — Rajesh Goyal JD(HQ) — AD. — A.P. — A.P.

Checked and found ok for Public Health (Internal) Services only. It is recommended for forwarding letter No. 29877 Dt. 6/12/23

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

Key Plan




| 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 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 |

| 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- H
TYPICAL FLOOR LVL LAYOUT & AREA DETAILS

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

Architect's Sign — GIAN P. MATHUR ARCHITECT B. Arch., M.I.A. I.I.A CA No. 60/5769

SCALE: 1: 100

DATE:

DWG. No.
SD/AR/M3M-113A/T-H-104