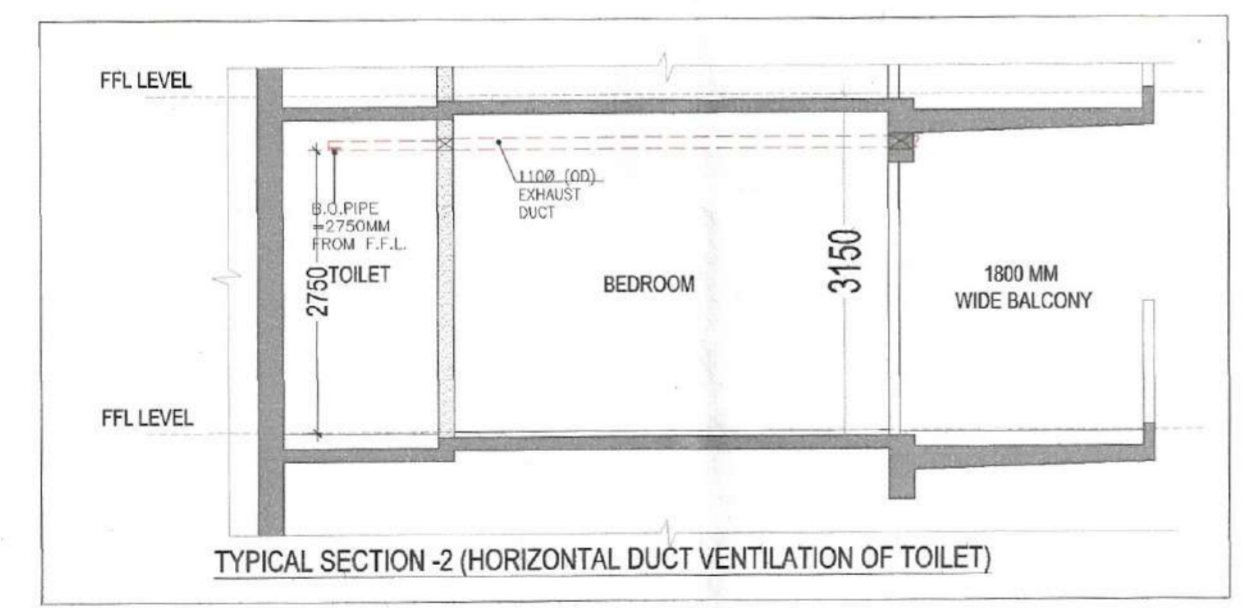


**TOWER - A1 & A2
TYPICAL FLOOR PLAN
(4th -17th, 19th- 27th , 29th-36th & 38th-40th Floor)**

**TOWER - A1 & A2
TYPICAL FLOOR PLAN AREA DIAGRAM
(4th -17th, 19th- 27th , 29th-36th & 38th-40th Floor)**



TYPICAL SECTION -2 (HORIZONTAL DUCT VENTILATION OF TOILET)

LEGEND:-

| SYB. | TITLE | W | H | SILL | NOTES |
|------|--------------|------|------|-------|-----------------|
| 801 | SLIDING DOOR | 3550 | 2500 | ± 00 | |
| 802 | SLIDING DOOR | 3540 | 2500 | ± 00 | |
| 803 | SLIDING DOOR | 3440 | 2500 | ± 00 | |
| 804 | SLIDING DOOR | 3410 | 2500 | ± 00 | |
| 805 | SLIDING DOOR | 3338 | 2500 | ± 00 | |
| 806 | SLIDING DOOR | 2990 | 2500 | ± 00 | |
| 807 | SLIDING DOOR | 2850 | 2500 | ± 00 | |
| 808 | SLIDING DOOR | 2700 | 2500 | ± 00 | |
| 809 | SLIDING DOOR | 2620 | 2500 | ± 00 | |
| 810 | SLIDING DOOR | 2440 | 2500 | ± 00 | |
| 811 | SLIDING DOOR | 1825 | 2300 | ± 00 | |
| 812 | SLIDING DOOR | 1475 | 2300 | ± 00 | |
| 813 | SLIDING DOOR | 1450 | 2300 | ± 00 | |
| 814 | FLUSH DOOR | 1200 | 2250 | ± 00 | 1 HR FIRE RATED |
| 815 | FLUSH DOOR | 1200 | 2250 | ± 00 | |
| 816 | FLUSH DOOR | 800 | 2250 | ± 00 | |
| 817 | FIRE DOOR | 1800 | 2250 | ± 00 | 2 HR FIRE RATED |
| 818 | FIRE DOOR | 1500 | 2250 | ± 00 | 2 HR FIRE RATED |
| 819 | FIRE DOOR | 1500 | 2250 | ± 00 | 2 HR FIRE RATED |
| 820 | FIRE DOOR | 1500 | 2250 | ± 100 | 2 HR FIRE RATED |
| 821 | FIRE DOOR | 1250 | 2250 | ± 00 | 2 HR FIRE RATED |
| 822 | FIRE DOOR | 900 | 2150 | ± 100 | 2 HR FIRE RATED |
| 823 | FIRE DOOR | 700 | 2150 | ± 100 | 2 HR FIRE RATED |
| 824 | FIRE DOOR | 1000 | 2150 | ± 100 | 2 HR FIRE RATED |
| 825 | DOOR WINDOW | 800 | 2250 | ± 00 | |
| 826 | GLASS DOOR | 2000 | 2500 | ± 00 | |
| 827 | WINDOW | 1500 | 1350 | +900 | |
| 828 | WINDOW | 1075 | 1350 | +900 | |
| 829 | VENTILATOR | 600 | 1200 | +1050 | |

SUMMARY OF MECHANICAL VENTILATION

| ENR | Floor | General Ventilation | Area BFT | Effective FT | Volume CFM | Air Change Per Hour | Calculated CFM | Installed CFM | Application | No. of Fans | Fan Capacity CFM | Type of Fan | Remark |
|-----|---------------------|--|----------|--------------|------------|---------------------|----------------|---------------|-------------|-------------|------------------|-------------|--------|
| 1 | General Ventilation | Toilet For Bedroom 3 - Typical | 42 | 9 | 378 | 10 | 63 | 100 | Exhaust | 1x100 CFM | None Fan | Normal Mode | |
| 2 | General Ventilation | Common Toilet For Bedrooms 3 - Typical | 45 | 9 | 405 | 10 | 68 | 100 | Exhaust | 1x100 CFM | None Fan | Normal Mode | |

- PLUMBING LEGEND**
- | S.NO. | DESCRIPTION |
|-------|--|
| 1 | 100Ø SOIL & VENT PIPE |
| 2 | 100Ø WASTE & VENT PIPE |
| 3 | 100Ø ANTISYPHONAGE PIPE |
| 4 | 110 OD RAIN WATER PIPE |
| 5 | 160 OD RAIN WATER PIPE |
| 6 | DOMESTIC WATER SUPPLY DOWN TAKE FOR TOP FOUR FLOOR (35-32) |
| 7 | DOMESTIC WATER SUPPLY DOWN TAKE FOR (31-17) FLOOR |
| 8 | DOMESTIC WATER SUPPLY DOWN TAKE FOR (16-GRO.) FLOOR |
| 9 | FLUSHING WATER SUPPLY DOWN TAKE FOR (35-24) FLOOR |
| 10 | FLUSHING WATER SUPPLY DOWN TAKE FOR (23-12) FLOOR |
| 11 | FLUSHING WATER SUPPLY DOWN TAKE FOR (11-GROUND) FLOOR |
| 12 | DOMESTIC WATER RISER PIPE TO OHT |
| 13 | FLUSHING WATER RISER PIPE TO OHT |

- LEGEND**
- FAR AREA
 - NON FAR AREA
 - SERVICE AREA
 - SHAFT AREA UNDER DEDUCTION
 - FIRE TENDER PATH
 - TOWER LINE

HORIZONTAL PIPE CONNECTIONS SHALL BE AS FOLLOWS.

| | |
|---------------------------|-----------|
| FROM WASH BASIN TO FT | 32Ø PIPE |
| FROM SINK TO FT | 40Ø PIPE |
| FROM FD TO FT | 50Ø PIPE |
| FROM FT TO VERTICAL STACK | 100Ø PIPE |
| FROM WC TO VERTICAL STACK | 100Ø PIPE |

- PLUMBING LEGEND**
- | S.NO. | DESCRIPTION |
|-------|---|
| (A) | 150Ø FIRE PIPE LOWE ZONE BASEMENT TO 9th FLOOR |
| (B) | 150Ø FIRE PIPE MIDDLE ZONE 10th TO 23rd FLOOR |
| (C) | 150Ø FIRE PIPE HIGH ZONE 24th TO TERRACE LVL. |
| (D) | 150Ø SPRINKLER PIPE LOWE ZONE BASEMENT TO 9th FLOOR |
| (E) | 150Ø SPRINKLER PIPE MIDDLE ZONE 10th TO 23rd FLOOR |
| (F) | 150Ø SPRINKLER PIPE HIGH ZONE 24th TO TERRACE LVL. |
| (G) | 150Ø ALTERNATE SPRINKLER PIPE LOWE ZONE BASEMENT TO 9th FLOOR |
| (H) | 150Ø ALTERNATE SPRINKLER PIPE MIDDLE ZONE 10th TO 23rd FLOOR |
| (J) | 150Ø ALTERNATE SPRINKLER PIPE HIGH ZONE 24th TO TERRACE LVL. |
| (K) | 150Ø FIRE DOWN COMER PIPE |
| (L) | 80Ø DRAIN PIPE |

FAR AREA AT TYPICAL FLOOR LEVEL

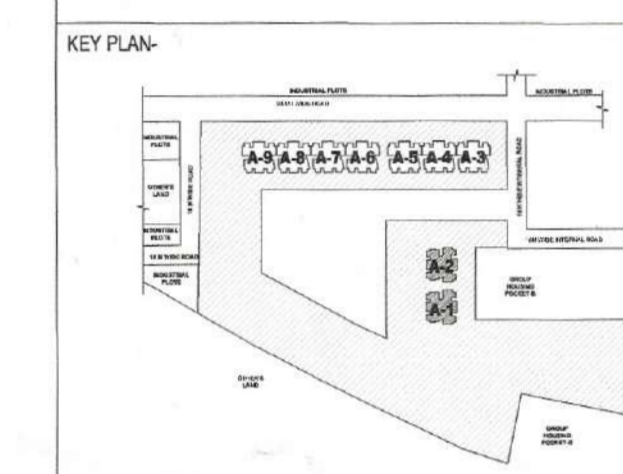
| TAG | LENGTH (L) in Mts | WIDTH (W) in Mts | NO.S (N) | AREA (L x W x N) |
|------------------|-------------------|------------------|----------|------------------|
| A | 32.140 | 24.740 | 1 | 795.14 |
| TOTAL (A) | | | | 795.14 |
| DEDUCTIONS | | | | |
| TAG | LENGTH (L) in Mts | WIDTH (W) in Mts | NO.S (N) | AREA (L x W x N) |
| D1 | 14.080 | 4.025 | 1 | 56.67 |
| D2 | 2.620 | 0.140 | 1 | 0.37 |
| D3 | 7.260 | 0.140 | 1 | 1.02 |
| D4 | 2.620 | 0.140 | 1 | 0.37 |
| D5 | 4.155 | 0.140 | 2 | 1.16 |
| D6 | 3.575 | 2.770 | 2 | 19.81 |
| D7 | 1.450 | 0.140 | 2 | 0.41 |
| D8 | 1.775 | 4.130 | 2 | 14.66 |
| D9 | 2.055 | 1.600 | 2 | 6.58 |
| D10 | 1.075 | 0.510 | 2 | 1.10 |
| D11 | 1.315 | 1.800 | 1 | 2.37 |
| D12 | 5.200 | 5.695 | 1 | 29.61 |
| D13 | 3.250 | 3.655 | 1 | 11.88 |
| D14 | 4.170 | 2.040 | 1 | 8.51 |
| D15 | 0.570 | 1.800 | 2 | 2.05 |
| D16 | 1.075 | 0.515 | 2 | 1.11 |
| D17 | 1.475 | 0.140 | 2 | 0.41 |
| D18 | 1.825 | 2.775 | 2 | 10.13 |
| D19 | 4.130 | 0.140 | 2 | 1.16 |
| D20 | 2.845 | 0.140 | 2 | 0.80 |
| D21 | 3.340 | 0.140 | 2 | 0.94 |
| D22 | 6.890 | 4.025 | 2 | 55.46 |
| D23 | 3.850 | 1.415 | 1 | 5.45 |
| D24 | 2.340 | 1.800 | 1 | 4.21 |
| D25 | 4.170 | 7.735 | 1 | 32.25 |
| TOTAL (D) | | | | 268.47 |

LIFT & SERVICES SHAFTS

| TAG | LENGTH (L) in Mts | WIDTH (W) in Mts | NO.S (N) | AREA (L x W x N) |
|---|-------------------|------------------|----------|------------------|
| S1 | 1.860 | 1.360 | 1 | 2.53 |
| S2 | 2.300 | 2.500 | 3 | 17.25 |
| S3 | 1.045 | 1.395 | 1 | 1.46 |
| S4 | 0.860 | 0.500 | 1 | 0.43 |
| S5 | 0.860 | 1.850 | 1 | 1.59 |
| S6 | 1.000 | 1.395 | 1 | 1.40 |
| S7 | 0.500 | 1.395 | 1 | 0.82 |
| S8 | 1.890 | 0.500 | 1 | 0.95 |
| S9 | 0.460 | 0.320 | 2 | 0.29 |
| S10 | 1.065 | 0.420 | 2 | 0.89 |
| S11 | 0.530 | 1.765 | 2 | 1.87 |
| S12 | 0.670 | 0.240 | 2 | 0.32 |
| S13 | 0.750 | 1.525 | 2 | 2.29 |
| S14 | 0.460 | 0.335 | 2 | 0.31 |
| S15 | 1.040 | 0.435 | 2 | 0.90 |
| S16 | 1.880 | 1.630 | 1 | 3.06 |
| S17 | 2.020 | 0.365 | 1 | 0.74 |
| TOTAL (S) | | | | 37.11 |
| FIRE STAIRCASE & NON FAR AREA | | | | |
| TAG | LENGTH (L) in Mts | WIDTH (W) in Mts | NO.S (N) | AREA (L x W x N) |
| N1 | 4.250 | 3.655 | 1 | 15.53 |
| N2 | 1.045 | 1.175 | 1 | 1.23 |
| N3 | 4.550 | 2.570 | 1 | 11.69 |
| N4 | 1.490 | 2.570 | 1 | 3.80 |
| N5 | 3.250 | 6.440 | 1 | 20.93 |
| TOTAL (N) | | | | 53.19 |
| FIRE STAIRCASE WELL | | | | |
| TAG | LENGTH (L) in Mts | WIDTH (W) in Mts | NO.S (N) | AREA (L x W x N) |
| W1 | 0.750 | 1.500 | 1 | 1.13 |
| W2 | 1.750 | 1.155 | 1 | 2.02 |
| TOTAL (W) | | | | 3.15 |
| TOTAL NON FAR AREA (NF) = (N - W) | | | | 50.04 |
| TOTAL FAR AREA (F) = (A - D - S - N) | | | | 436.38 |
| TOTAL COVERED AREA = (F + NF) | | | | 486.43 |

S.T.P. (HQ) Member Secretary B.P.A.C.
 S.T.P. (G) Member B.P.A.C.
 C.T.P. (HR) Chairman B.P.A.C.
 DTP (HQ)
 ATP (HQ)
 PA.
 A.T.P.
 DINESH KUMAR PA (HQ)

TO BE READ WITH THIS OFFICE MEMO NO: 46660
 DATE: 9/12/25
 4/11/25
 4/11/25



PROJECT
 PROPOSED BUILDING PLAN FOR AFFORDABLE GROUP HOUSING (POCKET-A) OVER AN AREA MEASURING 16.4738 ACRES, PART OF INDUSTRIAL PLOTTED COLONY OVER AN AREA MEASURING 139.79375 ACRES (LICENSE NO. 184 OF 2005 DATED 08.09.2005) IN THE REGULAR ESTATE OF VILLAGE BAS HARIKA AND JHUND SARAI ABAD, IN SECTOR M9, M10 AND M11 GURUGRAM MANESAR URBAN COMPLEX.

OWNER
 MSM INDIA INFRASTRUCTURES PVT. LTD.

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OWNER'S SEAL & SIGNATURE
 For MSM India Infrastructures Pvt. Ltd.
 (Authorized Signatory)

Checked and found ok for Public Health (Internal) Service only subject to comments in forwarding letter No. 366511... DV 20/11/25

ARCHITECTS SEAL & SIGNATURE
 AMIT GUPTA
 CA/Architect
 CA/2004 / 33147

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

DATE: SCALE: 1:100 DWG NO: FP-A1A2-TY-01
 DWG TITLE: TYPICAL FLOOR PLAN & AREA DIAGRAM (TOWER - A1 & A2)