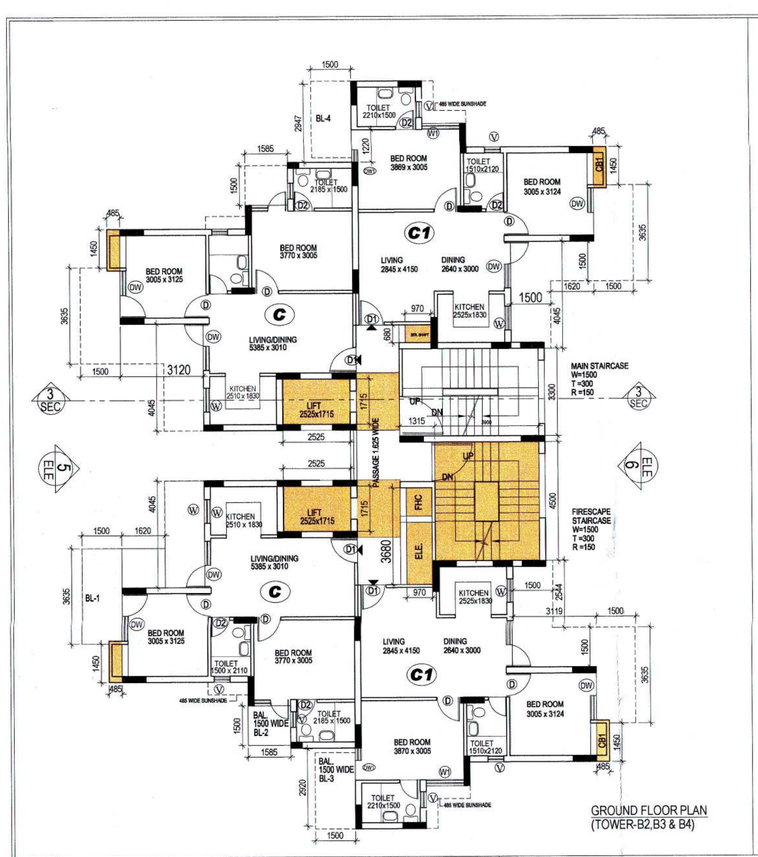
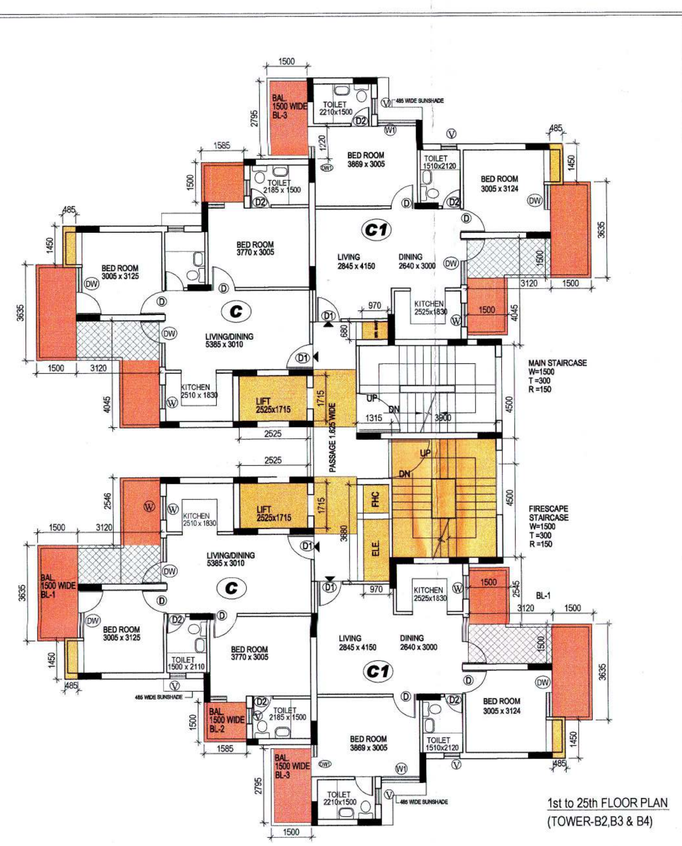
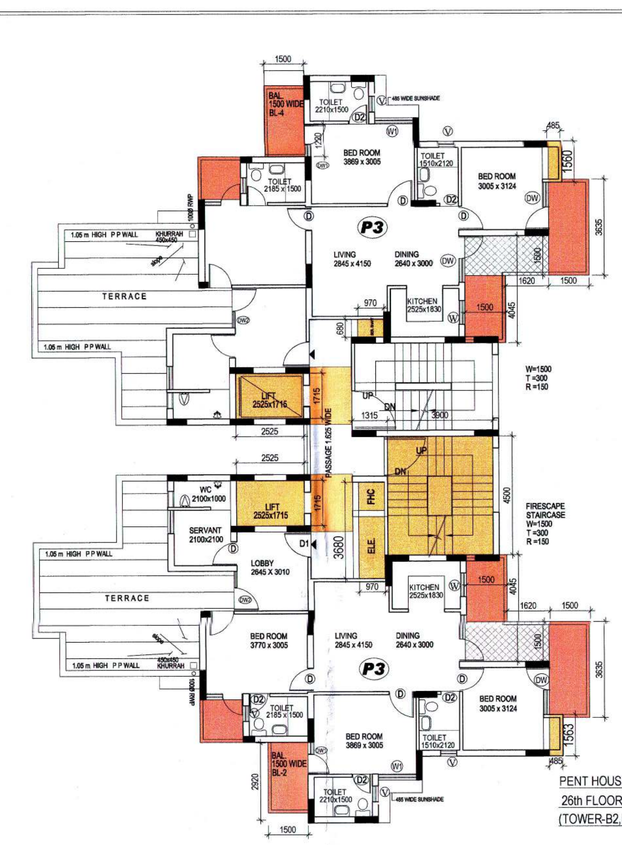


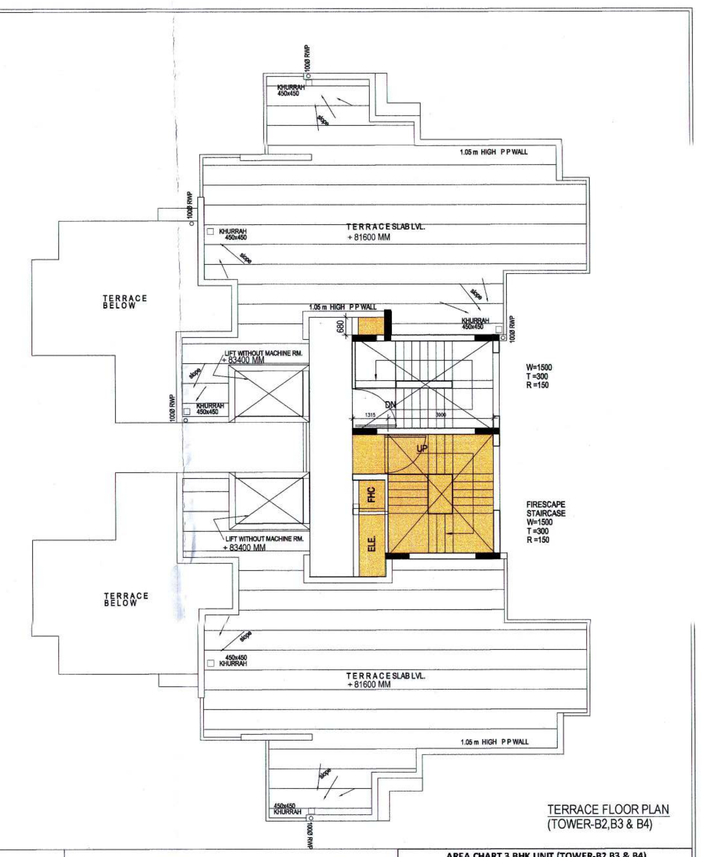

GROUND FLOOR PLAN
(TOWER-B2,B3 & B4)




1st to 25th FLOOR PLAN
(TOWER-B2,B3 & B4)



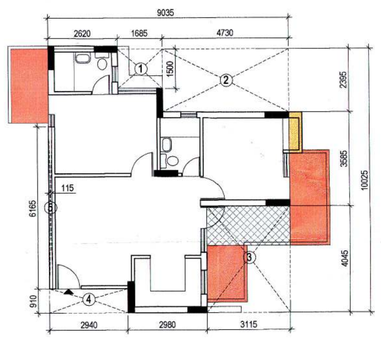

PENT HOUSE
26th FLOOR PLAN
(TOWER-B2,B3 & B4)




TERRACE FLOOR PLAN
(TOWER-B2,B3 & B4)

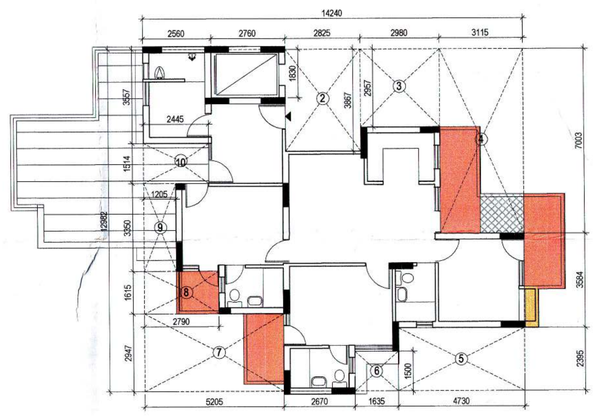
**AREA OF ONE UNIT (type -C1)**

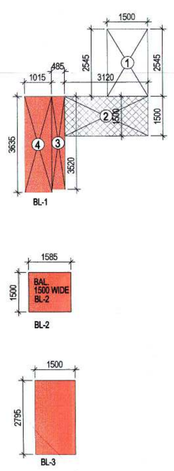
| | | |
|---|---|---|
| | 9.035 x 10.025 | = 90.575 m² |
| | Deductions:- | |
| 1 | 1.585 x 1.500 | = 2.527 m² |
| 2 | 4.730 x 2.395 | = 11.328 m² |
| 3 | 3.115 x 4.050 | = 12.615 m² |
| 4 | 2.940 x 0.910 | = 2.675 m² |
| 5 | 0.115 x 6.145 | = 0.706 m² |
| | Total | = 29.851 m² |
| | AREA UNDER ONE UNIT | |
| | 90.575 - 29.851 | =60.724 m² |
| | ADD. BALCONY 25% | = 1.170 m² |
| | TOTAL FAR OF UNIT | =61.894 m² |
| | NOS OF UNITS | = 2 nos |
| | ***TOTAL FAR OF UNIT= 123.788 m²*** | |




AREA OF ONE PENT HOUSE (type -P3)

| | | |
|---|---|---|
| | 14.240 x12.982 | = 184.863 m² |
| | Deductions:- | |
| 1 | 2.760 x 1.830 | = 5.050 m² |
| 2 | 2.825 x 3.867 | = 10.924 m² |
| 3 | 3.005 x 2.957 | = 8.885 m² |
| 4 | 3.120 x 7.003 | = 21.849 m² |
| 5 | 4.725 x 2.395 | = 11.316 m² |
| 6 | 1.660 x 1.500 | = 2.490 m² |
| 7 | 5.205 x 2.947 | = 15.336 m² |
| 8 | 2.790 x 1.615 | = 4.505 m² |
| 9 | 1.205 x 3.350 | = 4.036 m² |
| 10 | 1.514 x 1.735 | = 2.626 m² |
| | Total | = 87.020 m² |
| | ***AREA UNDER ONE PENT HOUSE*** | |
| | ***184.863 - 87.020 = 97.843 m²*** | |
| | ***AREA UNDER 2 PENT HOUSE =195.686 m²*** | |




BALCONY FREE OF FAR AREA CALCULATION

| | |
|---|---|
| FAR AREA IN BALCONY (BL-1) | |
| 2. 3.120 x 1.500 = 4.680 m² | |
| 25% AREA COUNTED IN FAR | |
| AREA TO BE COUNTED IN FAR = 1.170 m² | |
| NOS OF BALCONY TYPICAL FLOOR = 4 | |
| NET FAR IN BALCONY (BL-1) | = 4.680 m² |
| FREE OF FAR AREA | |
| 1. 1.500 x 2.545 = 3.817 m² | |
| 2. 75 % = 3.510 m² | |
| 3. 0.485 x 3.520 = 1.707 m² | |
| 4. 1.015 x 3.635 = 3.689 m² | |
| TOTAL =12.723 m² | |
| NOS OF BALCONY TYPICAL FLOOR = 4 | |
| NET AREA BALCONY BL-1 TYPICAL FLOOR | = 50.892 m² |
| BALCONY BL-2 | |
| 1. 1.585 x 1.500 = 2.377 m² | |
| NOS OF BALCONY TYPICAL FLOOR = 4 | |
| NET AREA BALCONY BL-2 TYPICAL FLOOR | = 4.755 m² |
| BALCONY BL-3 | |
| 1. 1.500 x 2.795 = 4.192 m² | |
| NOS OF BALCONY TYPICAL FLOOR = 4 | |
| NET AREA BALCONY BL-3 TYPICAL FLOOR | = 16.770 m² |
| ***NET AREA BAL ON TYP. FLOOR*** | ***= 77.097 m²*** |
| ***NET FREE OF FAR BAL ON TYP. FLOOR*** | ***= 72.417 m²*** |

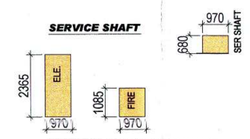
**ANCILLARY 15% FAR CALCULATIONS**

NET ANCILARY FAR ON TYPICAL FLOOR
(SERVICE SHAFT + CUPBOARD+LIFT LOBBY+FIRE STAIRCASE +LIFT WELL)
***(4.005+3.036+7.068+17.555+8.660) =40.324 m²***

**ANCILLARY 15% FAR CALCULATIONS**

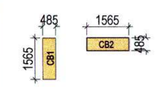
NET ANCILARY FAR ON 26 TH FLOOR
(SERVICE SHAFT + CUPBOARD+LIFT LOBBY+FIRE STAIRCASE +LIFT WELL)
***(4.005+1.513+7.068+17.555+8.660) =38.801 m²***

**SERVICE SHAFT**



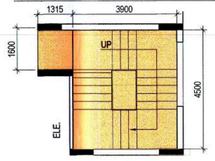

| | | |
|---|---|---|
| | AREA UNDER SERVICE SHAFT | |
| 1 | 0.970 x 2.365 x 1 | = 2.294 m² |
| 2 | 0.970 x 1.085 x 1 | = 1.052 m² |
| 2 | 0.970 x 0.680 x 1 | = 0.659 m² |
| | Total shaft area | = 4.005 m² |

**AREA UNDER CUP BOARD**




| | | |
|---|---|---|
| | AREA UNDER CUPBOARDS | |
| 1 | 0.485 x 1.565 x 4 | = 3.036 m² |
| | Total cupboard area = 3.036 m² | |

**AREA UNDER FIRESCAPE STAIRCASE**

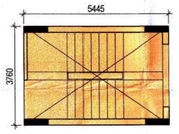



| | | |
|---|---|---|
| | AREA UNDER FIRESCAPE STAIRCASE | |
| 1 | 3.900 x 4.500 x 1 | =17.550 m² |
| 2 | 1.315 x1.500 x 1 | = 1.972 m² |
| | Total firescape staircase area | =19.522 m² |

**AREA CHART 3 BHK UNIT (TOWER-B2,B3 & B4)**

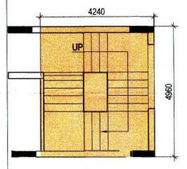
| FLOORS | TOTAL NO. OF UNIT | FAR AREA INCL. BALCONY | ANCILARY FAR AREA | NON FAR BALCONY AREA | TOTAL BUILTUP AREA |
|---|---|---|---|---|---|
| GROUND FLOOR | 4 | 269.846 | 31.62 | 0.000 | 301.466 |
| 1ST FLOOR | 4 | 276.721 | 40.324 | 72.417 | 389.462 |
| 2nd FLOOR | 4 | 276.721 | 40.324 | 72.417 | 389.462 |
| 3rd FLOOR | 4 | 276.721 | 40.324 | 72.417 | 389.462 |
| 4th FLOOR | 4 | 276.721 | 40.324 | 72.417 | 389.462 |
| 5th FLOOR | 4 | 276.721 | 40.324 | 72.417 | 389.462 |
| 6th FLOOR | 4 | 276.721 | 40.324 | 72.417 | 389.462 |
| 7th FLOOR | 4 | 276.721 | 40.324 | 72.417 | 389.462 |
| 8th FLOOR | 4 | 276.721 | 40.324 | 72.417 | 389.462 |
| 9th FLOOR | 4 | 276.721 | 40.324 | 72.417 | 389.462 |
| 10th FLOOR | 4 | 276.721 | 40.324 | 72.417 | 389.462 |
| 11th FLOOR | 4 | 276.721 | 40.324 | 72.417 | 389.462 |
| 12th FLOOR | 4 | 276.721 | 40.324 | 72.417 | 389.462 |
| 13th FLOOR | 4 | 276.721 | 40.324 | 72.417 | 389.462 |
| 14th FLOOR | 4 | 276.721 | 40.324 | 72.417 | 389.462 |
| 15th FLOOR | 4 | 276.721 | 40.324 | 72.417 | 389.462 |
| 16th FLOOR | 4 | 276.721 | 40.324 | 72.417 | 389.462 |
| 17th FLOOR | 4 | 276.721 | 40.324 | 72.417 | 389.462 |
| 18thFLOOR | 4 | 276.721 | 40.324 | 72.417 | 389.462 |
| 19th FLOOR | 4 | 276.721 | 40.324 | 72.417 | 389.462 |
| 20th FLOOR | 4 | 276.721 | 40.324 | 72.417 | 389.462 |
| 21th FLOOR | 4 | 276.721 | 40.324 | 72.417 | 389.462 |
| 20th FLOOR | 4 | 276.721 | 40.324 | 72.417 | 389.462 |
| 23rd FLOOR | 4 | 276.721 | 40.324 | 72.417 | 389.462 |
| 24th FLOOR | 4 | 276.721 | 40.324 | 72.417 | 389.462 |
| 25th FLOOR | 4 | 276.721 | 40.324 | 72.417 | 389.462 |
| 26th FLOOR | 2 | 231.549 | 38.805 | 38.584 | 308.938 |
| MUMTY | 0 | 0.00 | 43.835 | 43.835 | 87.67 |
| WATER TANK | 0 | 0.00 | 27.575 | | 27.58 |
| TOTAL AREA | 106 | 7419.42 | 1149.935 | 1892.844 | 10462.20 |

**AREA CALCULATION - MUMTY MAIN STAICASE**




| | | |
|---|---|---|
| | AREA UNDER MUMTY (MAIN STAIRCASE) | |
| 1 | 5.445 x 3.760 x 1 | =20.473 m² |
| | Total mumty area | =20.473 m² |

**AREA CALCULATION - MUMTY FIRESCAPE STAICASE**




| | | |
|---|---|---|
| | AREA UNDER MUMTY (FIRESCAPE STAIRCASE) | |
| 1 | 4.240 x 4.960 x 1 | =21.030 m² |
| | Total mumty area | =21.030 m² |

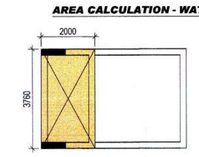
**AREA CALCULATION - LIFT LOBBY**

| | | |
|---|---|---|
| | AREA UNDER LIFT LOBBY | |
| 1 | 1.625 x 2.175 x 1 | = 3.534 m² |
| | Total lift area | = 3.534 m² |
| | 2nos lift lobby area | = 7.068 m² |

**SECHDULE OF OPENING**

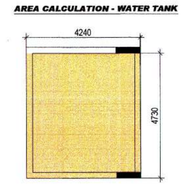
| Sl. NO. | TYPE | SIZE | C-LVL | L-LVL | |
|---|---|---|---|---|---|
| 1. | D1 | 1000 x2100 | --- | 2480 | |
| 2. | D | 900x2100 | --- | 2100 | |
| 3. | D2 | 750x2100 | --- | 2100 | |
| 4. | DW | 1775x1600 | 900 | 2500 | |
| 5. | DW1 | 1220x1400 | 900 | 2500 | |
| 6. | DW2 | 1740x1600 | 900 | 2500 | |
| 7. | DW3 | 1220x1400 | 1100 | 2500 | |
| 8. | DW4 | 1990x1600 | 900 | 2500 | |
| 9. | V | 600x1000 | 1500 | 2500 | |
| 10. | W | 900x1600 | 1500 | 2500 | |
| 11. | W1 | 1450x1600 | 1500 | 2500 | |
| 12. | W2 | 1800x1600 | 1500 | 2500 | |

**AREA CALCULATION - WATER TANK**



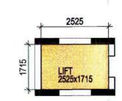

| | | |
|---|---|---|
| | AREA UNDER WATER TANK | |
| 1 | 2.000 x 3.760 x 1 | = 7.520 m² |
| | Total water tank area | = 7.520 m² |

**AREA CALCULATION - WATER TANK**




| | | |
|---|---|---|
| | AREA UNDER WATER TANK | |
| 1 | 4.240 x 4.730 x 1 | =20.055 m² |
| | Total water tank area | =20.055 m² |

**AREA CALCULATION - LIFT WELL**

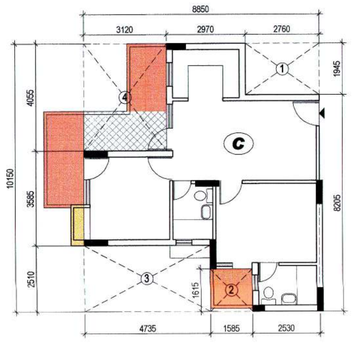


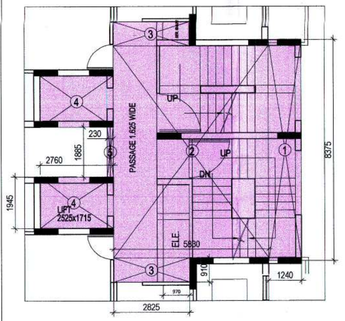

| | | |
|---|---|---|
| | AREA UNDER LIFT WELL | |
| 1 | 2.525 x 1.715 x 2 | = 8.660 m² |
| | Total shaft area | = 8.660 m² |

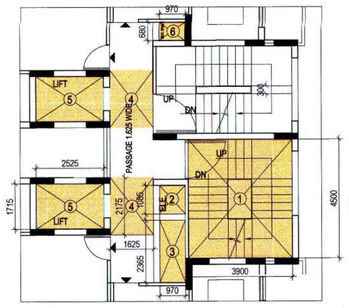
Greater Noida Industrial Dev. Authority
APPROVED
Vide Letter No. 2-2 Dated 8/11/22
Valid upto Dated 5/Dec/24
DGM (Plng.)
Drawing Checked & Verified

**AREA OF ONE UNIT (type -C) 2BHK**

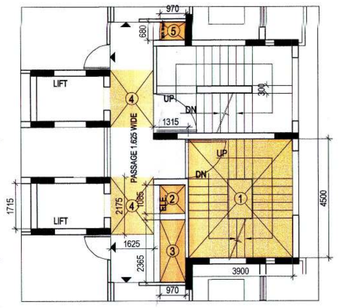
| | | |
|---|---|---|
| | 8.850 x10.150 | = 89.827 m² |
| | Deductions:- | |
| 1 | 2.760 x 1.945 | = 5.368 m² |
| 2 | 1.585 x 1.615 | = 2.559 m² |
| 3 | 4.735 x 2.510 | = 11.884 m² |
| 4 | 3.120 x 4.055 | = 12.651 m² |
| | Total | = 32.462 m² |
| | AREA UNDER ONE UNIT | |
| | 89.827 - 32.462 | = 57.365 m² |
| | ADD. BALCONY 25% | = 1.170 m² |
| | TOTAL FAR OF UNIT | = 58.535 m² |
| | NOS OF UNITS | = 2 nos |
| | ***TOTAL FAR OF UNIT =117.070 m²*** | |




TYPICAL PASSAGE AREA CALCULATION
(FROM 1st TO 26 th floor)




ACILLARY PASSAGE AREA CALCULATION AT GROUND FLOOR
(GROUND FLOOR)

**ADDITION OF PASSAGE AREA**

| | | |
|---|---|---|
| 1 | 1.240 x 8.375 | = 10.385 m² |
| 2 | 5.830 x 7.915 x 1 | = 46.144 m² |
| 3 | 2.825 x 0.910 x 2 | = 5.141 m² |
| 4 | 2.760 x 1.945 x 1 | = 10.736 m² |
| 5 | 0.230 x 1.885 x 1 | = 0.433 m² |
| | Total | =72.939 m² |

DEDUCTION FOR PASSAGE AREA

| | | |
|---|---|---|
| 1 | 3.900 x 4.500 x 1 | =17.550 m² |
| 2 | 0.970 x1.085 x 1 | = 1.052 m² |
| 3 | 0.970 x 2.365 x 1 | = 2.294 m² |
| 4 | 1.625 x 2.175 x 2 | = 7.068 m² |
| 5 | 2.525 x 1.715 x 2 | = 8.660 m² |
| 6 | 0.970 x 0.680 x 1 | = 0.659 m² |
| | Total deduction | = 37.283 m² |
| | ***PASSAGE AREA=ADDITION-DEDUCTION*** | |
| | ***72.839 - 37.283 = 35.556 m²*** | |

ACILLARY AREA AT GROUND FLOOR

| | | |
|---|---|---|
| 1 | 3.900 x 4.500 x 1 | =17.550 m² |
| 2 | 0.970 x1.085 x 1 | = 1.052 m² |
| 3 | 0.970 x 2.365 x 1 | = 2.294 m² |
| 4 | 1.625 x 2.175 x 2 | = 7.068 m² |
| 5 | 0.970 x 0.680 x 1 | = 0.659 m² |
| | Total deduction | = 28.584 m² |
| | ***PASSAGE AREA=ADDITION-DEDUCTION*** | |
| | ***72.839 - 28.584 = 44.255 m²*** | |
| | ***ANCILLARY AREA AT GROUND FLOOR = 28.584 m²*** | |

| | |
|---|---|
| ***NET FAR ON GROUND FLOOR (TOWER B-1)*** (FAR(LIVIT BALKONY)+PASSAGE AREA+EXTRA WALL AREA) | |
| ***121.448 + 114.730 + 44.255+.307=280.740 m²*** | |
| ***NET FAR ON TYPICAL FLOOR*** (FAR(LIVIT BALKONY)+PASSAGE AREA) | |
| ***123.788 + 117.070 + 35.556 = 276.414 m²*** | |
| ***NET FAR ON 26th FLOOR*** (FAR(LIVIT BALKONY)+PASSAGE AREA) | |
| ***195.686 + 35.556 + .307 = 231.549 m²*** | |
| ***EXTRA WALL AREA IN TOWER B-2*** | |
| 1 0.115 x 2.670 x 1 = 0.307 m² | |
| ***NET FAR ON TYP. FLOOR*** | |
| ***IN TOWER B-1*** | ***= 276.721 m²*** |
| ***NET FAR ON 26th FLOOR*** | ***= 229.354 m²*** |
| ***EXTRA WALL AREA IN TOWER B-3*** | |
| 1 0.115 x 2.670 x 1 = 0.307 m² | |
| ***NET FAR ON TYP. FLOOR*** | |
| ***IN TOWER B-1*** | ***= 274.526 m²*** |
| ***NET FAR ON 26th FLOOR*** | ***= 229.354 m²*** |
| ***EXTRA WALL AREA IN TOWER B-4*** | |
| 1 0.115 x 2.670 x 1 = 0.307 m² | |
| ***NET FAR ON TYP. FLOOR*** | |
| ***IN TOWER B-1*** | ***= 274.526 m²*** |
| ***NET FAR ON 26th FLOOR*** | ***= 229.354 m²*** |

WATER TANK TOP PLAN-1

WATER TANK TOP PLAN-1

**AREA LEGEND**

| | |
|---|---|
| FAR | |
| 15% ANCILLARY | |
| NON FAR | |
| BALCONY AREA 25% IN FAR & 75%in FREE OF FAR | |

REVISED
SUBMISSION DRAWING

project
GROUP HOUSING
AT PLOT NO.-GH-1,SEC. ETA-1
GREATER NOIDA (UP)

client
For VARDHMAN REALTECH PVT. LTD.
Director

architects :
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Ph# 9868111459, 011-55402928

ALOK AGNIHOTRI
Chartered Architect
Regn. No. CA-97/22237
C-2/137, Janak Puri, New Delhi-58
Mob:- 9971923938, 011-45732766

CLIENT'S | ARCHITECT'S

scale 1:100 | drg. no. SB-15

drawing title
GROUND & TYPICAL FLOOR PLAN
AREA CALCULATION (TOWER-B-2,B-3 & B—4)