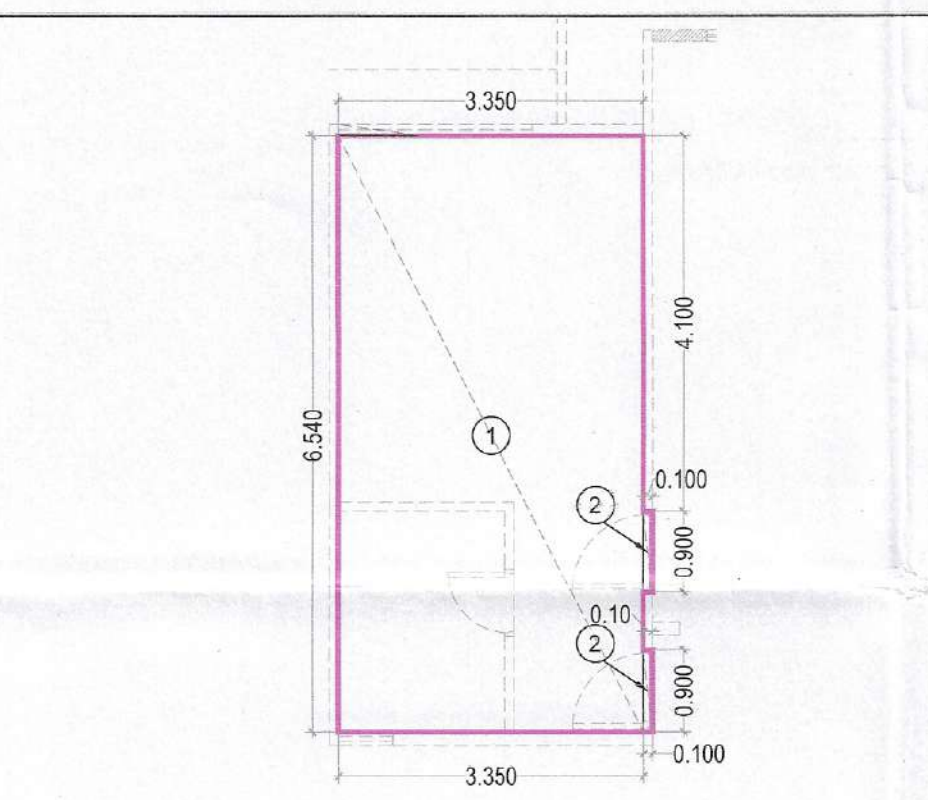
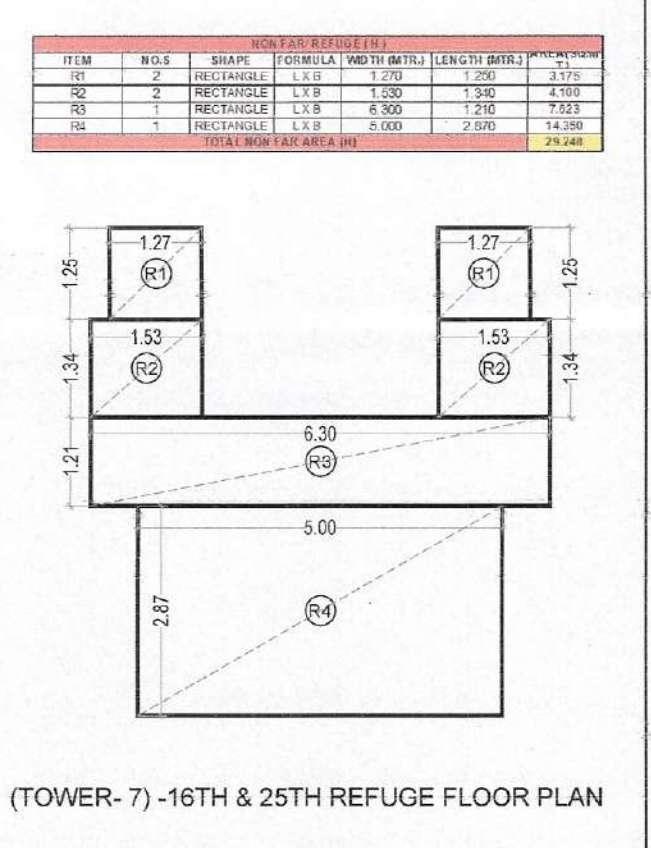
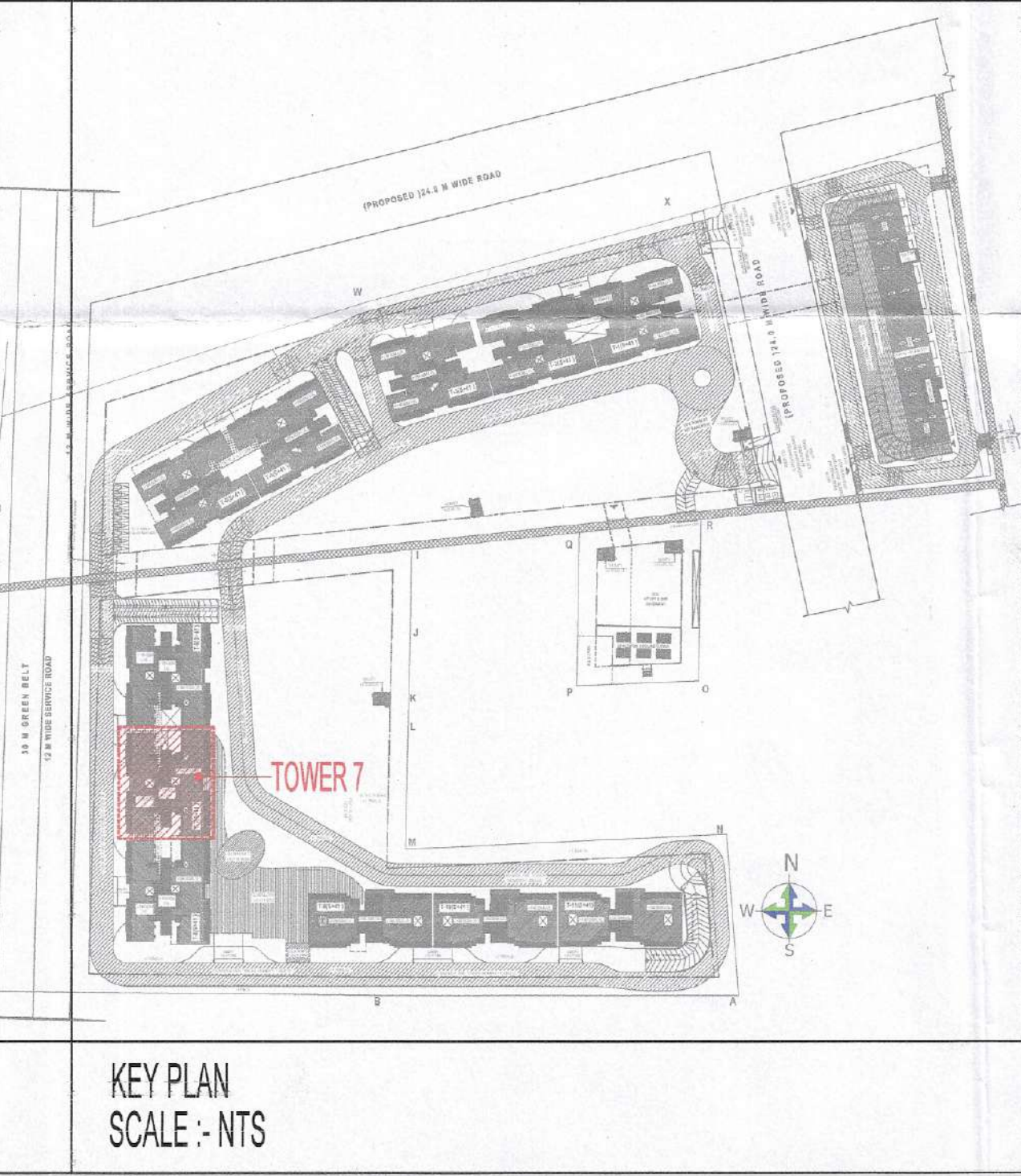
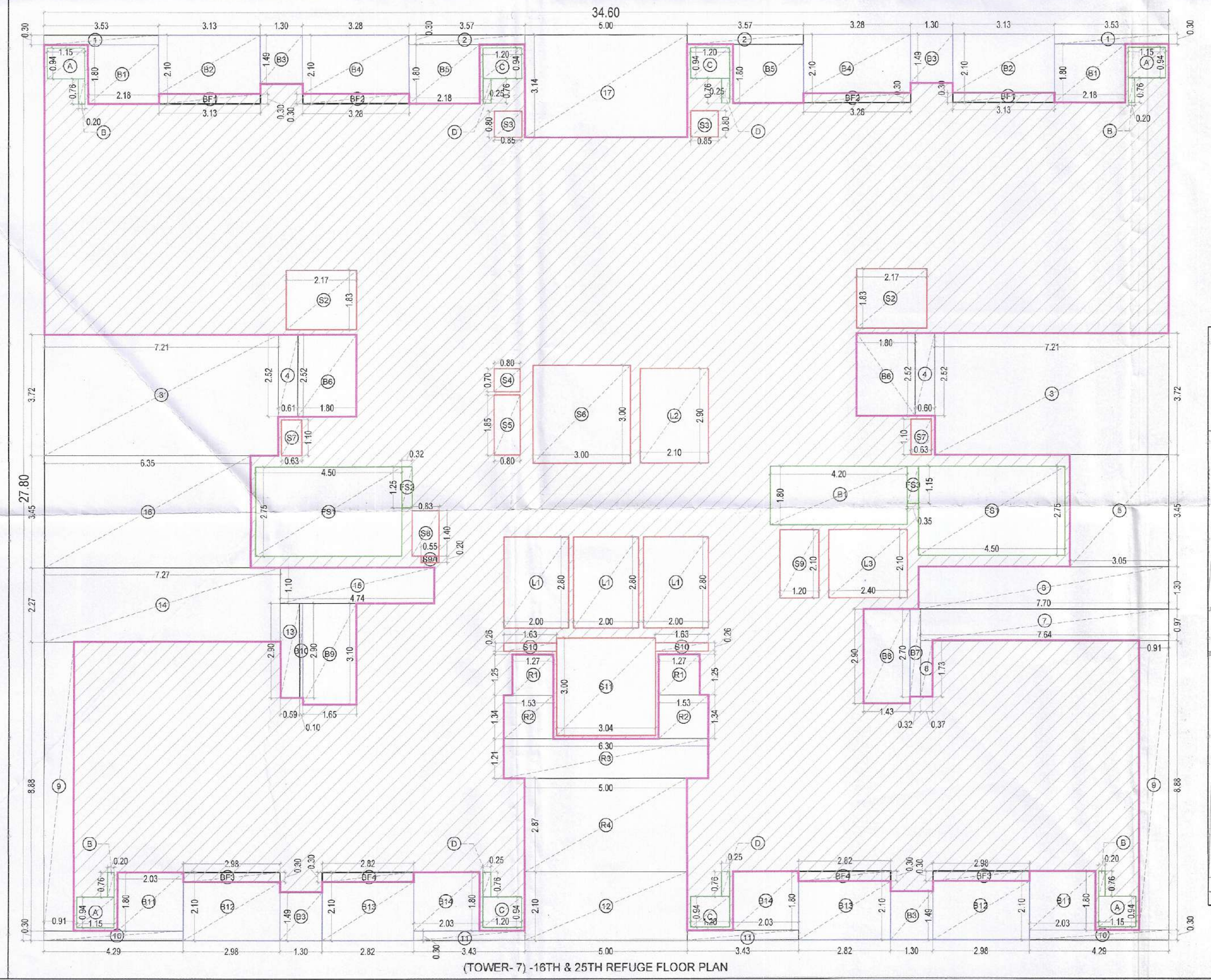


**PLUMBING LEGEND:**

- 110 OD SOIL & VENT PIPE
- 110 OD WASTE & VENT PIPE
- 2x 110 OD KITCHEN WASTE & VENT PIPE
- 100 OD ANTI-SYPHONAGE PIPE
- DOMESTIC WATER SUPPLY DOWN TAKE PIPE
- FLUSHING WATER SUPPLY DOWN TAKE PIPE
- 160 OD RAIN WATER PIPE FOR TERRACE
- DOMESTIC WATER RISER PIPE
- FLUSHING WATER RISER PIPE
- 110 OD CONDENSATE WATER DRAIN PIPE
- ACCESS DOOR
- ROAD LEVEL
- INVERT LEVEL OF PIPE
- CONNECTION LEVEL



| ITEM             | NO.S | SHAPE     | FORMULA | WIDTH (MTR) | LENGTH (MTR) | AREA (SQ.MT)  |
|------------------|------|-----------|---------|-------------|--------------|---------------|
| 1                | 1    | RECTANGLE | L X B   | 3.350       | 6.540        | 21.999        |
| 2                | 2    | RECTANGLE | L X B   | 0.950       | 0.100        | 0.180         |
| <b>TOTAL (B)</b> |      |           |         |             |              | <b>22.089</b> |



**TOWER 7**

Refuge area calculation

| S.No. | Floor  | Area in sq.mt. / Nos |
|-------|--|----------------------|
| 1     | Gross area of 1 floor  | 571.753 SQ.M         |
| 2     | Gross area of 2 floors   | 1143.506 SQ.M        |
| 3     | Total Gross area   | 1143.506 SQ.M        |
| 4     | Total No. of Occupancy (1 person every 12.5 sq.mt. as per NBC)   | 91.480 Nos.          |
| 5     | Refuge area required persons per NBC                             | 27.444 SQ.M          |
| 6     | When chair space (0.5 sq.mt. for every 200 occupants as per NBC) | 1.800 SQ.M           |
| 8     | Total Refuge area required                                       | 29.244 SQ.M          |
| 9     | Total Refuge area proposed                                       | 29.248 SQ.M          |

**FAR AREA AT (TOWER-07) 16TH & 25th REFUGE FLOOR**  
(All Distances are in Meter & Areas in Sqm)

| ITEM            | NO.S | SHAPE     | FORMULA | WIDTH (MTR) | LENGTH (MTR) | AREA (SQ.MT)   |
|-----------------|------|-----------|---------|-------------|--------------|----------------|
| A               | 1    | RECTANGLE | L X B   | 34.600      | 27.800       | 961.880        |
| <b>TOTAL(A)</b> |      |           |         |             |              | <b>961.880</b> |

**BALCONY NON FAR AREA (B)**

| ITEM            | NO.S | SHAPE     | FORMULA | WIDTH (MTR) | LENGTH (MTR) | AREA (SQ.MT)   |
|-----------------|------|-----------|---------|-------------|--------------|----------------|
| B1              | 2    | RECTANGLE | L X B   | 2.180       | 1.800        | 7.848          |
| B2              | 2    | RECTANGLE | L X B   | 3.130       | 2.100        | 13.146         |
| B3              | 4    | RECTANGLE | L X B   | 1.300       | 1.490        | 7.748          |
| B4              | 2    | RECTANGLE | L X B   | 3.280       | 2.100        | 13.776         |
| B5              | 2    | RECTANGLE | L X B   | 2.180       | 1.800        | 7.848          |
| B6              | 2    | RECTANGLE | L X B   | 1.800       | 2.520        | 9.072          |
| B7              | 1    | RECTANGLE | L X B   | 0.320       | 2.700        | 0.864          |
| B8              | 1    | RECTANGLE | L X B   | 1.430       | 2.900        | 4.147          |
| B9              | 1    | RECTANGLE | L X B   | 1.650       | 3.100        | 5.115          |
| B10             | 1    | RECTANGLE | L X B   | 2.030       | 2.800        | 6.230          |
| B11             | 2    | RECTANGLE | L X B   | 2.030       | 1.800        | 7.338          |
| B12             | 2    | RECTANGLE | L X B   | 2.980       | 2.100        | 12.516         |
| B13             | 2    | RECTANGLE | L X B   | 2.820       | 2.100        | 11.844         |
| B14             | 2    | RECTANGLE | L X B   | 2.030       | 1.800        | 7.308          |
| <b>TOTAL(B)</b> |      |           |         |             |              | <b>108.830</b> |

**BALCONY IN FAR AREA (G)**

| ITEM            | NO.S | SHAPE     | FORMULA | WIDTH (MTR) | LENGTH (MTR) | AREA (SQ.MT) |
|-----------------|------|-----------|---------|-------------|--------------|--------------|
| BF1             | 2    | RECTANGLE | L X B   | 3.130       | 0.300        | 1.878        |
| BF2             | 2    | RECTANGLE | L X B   | 3.280       | 0.300        | 1.968        |
| BF3             | 2    | RECTANGLE | L X B   | 2.980       | 0.300        | 1.788        |
| BF4             | 2    | RECTANGLE | L X B   | 2.820       | 0.300        | 1.692        |
| <b>TOTAL(G)</b> |      |           |         |             |              | <b>7.326</b> |

**NON FAR AREA (C)**

| ITEM            | NO.S | SHAPE     | FORMULA | WIDTH (MTR) | LENGTH (MTR) | AREA (SQ.MT)  |
|-----------------|------|-----------|---------|-------------|--------------|---------------|
| A               | 4    | RECTANGLE | L X B   | 1.150       | 0.940        | 4.324         |
| B               | 4    | RECTANGLE | L X B   | 0.200       | 0.760        | 0.608         |
| C               | 4    | RECTANGLE | L X B   | 1.200       | 0.940        | 4.512         |
| D               | 4    | RECTANGLE | L X B   | 0.250       | 0.760        | 0.760         |
| <b>TOTAL(C)</b> |      |           |         |             |              | <b>10.204</b> |

**CUTOUT AREA (D)**

| ITEM                         | NO.S | SHAPE     | FORMULA | WIDTH (MTR) | LENGTH (MTR) | AREA (SQ.MT)   |
|------------------------------|------|-----------|---------|-------------|--------------|----------------|
| 1                            | 2    | RECTANGLE | L X B   | 3.530       | 0.300        | 2.118          |
| 2                            | 2    | RECTANGLE | L X B   | 3.570       | 0.300        | 2.142          |
| 3                            | 2    | RECTANGLE | L X B   | 7.210       | 3.720        | 53.842         |
| 4                            | 2    | RECTANGLE | L X B   | 0.810       | 2.520        | 3.074          |
| 5                            | 1    | RECTANGLE | L X B   | 3.050       | 3.450        | 10.523         |
| 6                            | 1    | RECTANGLE | L X B   | 7.700       | 1.300        | 10.010         |
| 7                            | 1    | RECTANGLE | L X B   | 7.640       | 0.970        | 7.411          |
| 8                            | 1    | RECTANGLE | L X B   | 0.370       | 1.730        | 0.640          |
| 9                            | 2    | RECTANGLE | L X B   | 0.910       | 8.880        | 18.162         |
| 10                           | 2    | RECTANGLE | L X B   | 4.290       | 0.300        | 2.574          |
| 11                           | 2    | RECTANGLE | L X B   | 3.430       | 0.300        | 2.058          |
| 12                           | 1    | RECTANGLE | L X B   | 5.000       | 2.100        | 10.500         |
| 13                           | 1    | RECTANGLE | L X B   | 0.590       | 2.800        | 1.711          |
| 14                           | 1    | RECTANGLE | L X B   | 7.270       | 2.270        | 16.503         |
| 15                           | 1    | RECTANGLE | L X B   | 4.740       | 1.100        | 5.214          |
| 16                           | 1    | RECTANGLE | L X B   | 6.350       | 3.450        | 21.908         |
| 17                           | 1    | RECTANGLE | L X B   | 5.000       | 3.140        | 15.700         |
| <b>TOTAL CUTOUT AREA (D)</b> |      |           |         |             |              | <b>181.889</b> |

**SERVICE SHAFT & LIFT (E)**

| ITEM                           | NO.S | SHAPE     | FORMULA | WIDTH (MTR) | LENGTH (MTR) | AREA (SQ.MT)  |
|--------------------------------|------|-----------|---------|-------------|--------------|---------------|
| L1                             | 3    | RECTANGLE | L X B   | 2.000       | 2.800        | 16.800        |
| L2                             | 1    | RECTANGLE | L X B   | 2.100       | 2.900        | 6.090         |
| L3                             | 1    | RECTANGLE | L X B   | 2.400       | 2.100        | 5.040         |
| S2                             | 2    | RECTANGLE | L X B   | 2.170       | 1.830        | 7.842         |
| S3                             | 2    | RECTANGLE | L X B   | 0.850       | 0.800        | 1.360         |
| S4                             | 1    | RECTANGLE | L X B   | 0.800       | 0.700        | 0.560         |
| S5                             | 1    | RECTANGLE | L X B   | 0.800       | 1.850        | 1.480         |
| S6                             | 1    | RECTANGLE | L X B   | 3.000       | 3.000        | 9.000         |
| S7                             | 2    | RECTANGLE | L X B   | 0.830       | 1.100        | 1.386         |
| S8                             | 1    | RECTANGLE | L X B   | 0.830       | 1.400        | 1.162         |
| S9                             | 1    | RECTANGLE | L X B   | 1.200       | 2.100        | 2.520         |
| S9A                            | 1    | RECTANGLE | L X B   | 0.550       | 0.200        | 0.110         |
| S10                            | 2    | RECTANGLE | L X B   | 1.830       | 0.260        | 0.848         |
| S11                            | 1    | RECTANGLE | L X B   | 3.040       | 3.000        | 9.120         |
| <b>TOTAL SERVICES AREA (E)</b> |      |           |         |             |              | <b>63.418</b> |

**NON FAR/ STAIRCASE (F)**

| ITEM                          | NO.S | SHAPE     | FORMULA | WIDTH (MTR) | LENGTH (MTR) | AREA (SQ.MT)  |
|-------------------------------|------|-----------|---------|-------------|--------------|---------------|
| FS1                           | 2    | RECTANGLE | L X B   | 4.500       | 2.750        | 24.750        |
| FS2                           | 1    | RECTANGLE | L X B   | 0.320       | 1.250        | 0.400         |
| FS3                           | 1    | RECTANGLE | L X B   | 0.350       | 1.150        | 0.403         |
| LB1                           | 1    | RECTANGLE | L X B   | 4.200       | 1.800        | 7.560         |
| <b>TOTAL NON FAR AREA (F)</b> |      |           |         |             |              | <b>33.113</b> |

**NON FAR/ REFUGE (H)**

| ITEM                          | NO.S | SHAPE     | FORMULA | WIDTH (MTR) | LENGTH (MTR) | AREA (SQ.MT)  |
|-------------------------------|------|-----------|---------|-------------|--------------|---------------|
| R1                            | 2    | RECTANGLE | L X B   | 1.270       | 1.250        | 3.175         |
| R2                            | 2    | RECTANGLE | L X B   | 1.530       | 1.340        | 4.100         |
| R3                            | 1    | RECTANGLE | L X B   | 6.300       | 1.210        | 7.623         |
| R4                            | 1    | RECTANGLE | L X B   | 5.000       | 2.870        | 14.350        |
| <b>TOTAL NON FAR AREA (H)</b> |      |           |         |             |              | <b>29.248</b> |

**TOTAL FAR AREA AT TYP LVL. = (A - B - C - D - E - F - H + G)**

| ITEM   | NO.S    | SHAPE | FORMULA | WIDTH (MTR) | LENGTH (MTR) | AREA (SQ.MT)   |
|--|---------|-------|---------|-------------|--------------|----------------|
| A  |         |       |         |             |              | 961.880        |
| B  | 108.830 |       |         |             |              | -108.830       |
| C  | 10.204  |       |         |             |              | -10.204        |
| D  | 181.889 |       |         |             |              | -181.889       |
| E  | 63.418  |       |         |             |              | -63.418        |
| F  | 33.113  |       |         |             |              | -33.113        |
| G  | 7.326   |       |         |             |              | +7.326         |
| <b>TOTAL FAR (K)</b>                                     |         |       |         |             |              | <b>542.504</b> |
| <b>TOTAL BUILT UP AREA AT TYP LVL. = (A - C - D - E)</b> |         |       |         |             |              | <b>769.787</b> |

S.T.P. (HO) Member Secretary B.P.A.C.  
 S.T.R. (G) Member B.P.A.C.  
 C.N.R. (H) Chairman B.P.A.C.  
 DTP (HQ)  
 ATP (HQ)

GURPREET  
JD (HQ)

Checked and found ok for Public Health (Internal) Service only subject to comments in forwarding letter No. 286976 dt. 09/07/2025

SUPERINTENDING ENGINEER (HQ)  
 O/o Chief Engineer-1  
 HSVP, Panchkula.

JD (HQ)  
 Member B.P.A.C.

**DOOR SCHEDULE TYPICAL FLOOR**

| S.NO | TYPE | OPENING | LINTEL | SILL | HEIGHT | LOCATION                            |
|------|------|---------|--------|------|--------|-------------------------------------|
| 1    | FD   | 1200    | 2450   | 50   | 2400   | REFUGE (G.H.S. FIRE RATED DOOR)     |
| 2    | DI   | 1500    | 2450   | 50   | 2400   | DOOR (G.H.S. FIRE RATED DOOR)       |
| 3    | DR   | 900     | 2450   | 50   | 2400   | BED ROOMS & ROOM                    |
| 4    | DR   | 900     | 2450   | 50   | 2400   | BEDROOMS (BEDROOMS FIRE RATED DOOR) |
| 5    | DR   | 780     | 2450   | 50   | 2400   | TOILET BALCONY                      |
| 6    | DR   | 800     | 2450   | 50   | 2400   | CUT DOOR UNIT STAFFY                |
| 7    | DR   | 900     | 2450   | 50   | 2100   | ELEC. & LV. SHAFY                   |
| 8    | DR   | 540     | 2450   | 350  | 2100   | SHAFY                               |

**WINDOW SCHEDULE TYPICAL FLOOR (TYPE A)**

| S.NO | TYPE | OPENING | LINTEL | SILL | HEIGHT | LOCATION      |
|------|------|---------|--------|------|--------|---------------|
| 1    | SD1  | 5200    | 2700   | 50   | 2650   | BEDROOM-1&2   |
| 2    | SD2  | 2130    | 2700   | 50   | 2650   | LIVING DINING |
| 3    | SD3  | 1900    | 2700   | 50   | 2650   | BEDROOM-3     |
| 4    | SD4  | 1920    | 2700   | 50   | 2650   | BALCONY       |
| 5    | SD5  | 4240    | 2700   | 50   | 2400   | BEDROOM-1     |
| 6    | SD6  | 2450    | 2700   | 50   | 2650   | BEDROOM-2     |
| 7    | SD7  | 5800    | 2700   | 50   | 2650   | LIVING DINING |
| 8    | SD8  | 2950    | 2700   | 50   | 2650   | LIVING DINING |
| 9    | W    | 2100    | 2611   | 1111 | 1400   | STAIRCASE     |
| 10   | W1   | 2150    | 1700   | 950  | 1750   | STAIRCASE     |
| 11   | W2   | 1620    | 2700   | 950  | 1750   | STAIRCASE     |
| 12   | W3   | 1300    | 2700   | 950  | 1750   | STAIRCASE     |
| 13   | V    | 690     | 2700   | 1650 | 1600   | TOILET        |

CLIENT: SIGNATURE GLOBAL HOMES PVT. LTD.

ARCHITECT: NISAR AHMED ANSARI  
 ARCHITECT (B ARCH)  
 CA/200536034

PROJECT: PROPOSED MIXED LAND USE COLONY (80% RESIDENTIAL COMPONENT & 20% COMMERCIAL COMPONENT) UNDER TOD POLICY ON THE AREA MEASURING 13.8666 ACRES IN THE REVENUE ESTATE GADAJULI KALAN, SECTOR 37D, GURUGRAM MANESAR URBAN COMPLEX, LICENSE NO.172 OF 2024, DATED 03.12.2024, BEING DEVELOPED BY SIGNATURE GLOBAL HOMES PVT. LTD.

DRAWING TITLE: 16TH & 25TH REFUGE FLOOR PLAN & AREA LINE DIAGRAM (TOWER 7)

SHEET NO. 114  
 SCALE: 1:100  
 DATE: 2025.08.13

ARCHITECT'S SIGN: NISAR AHMED ANSARI  
 ARCHITECT (B ARCH)  
 CA/200536034

OWNER'S SIGN: SIGNATURE GLOBAL HOMES PVT. LTD.