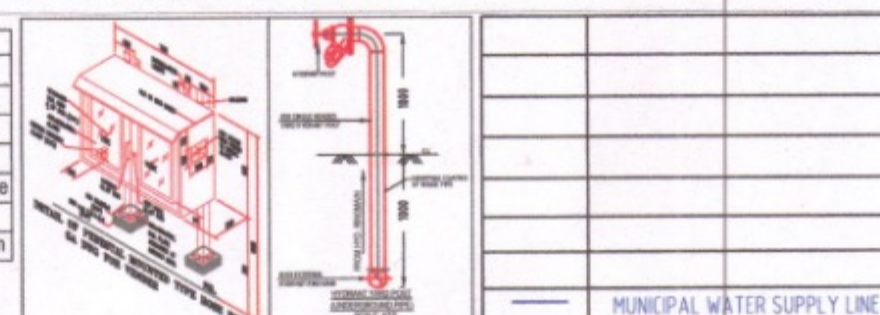


**SYM FIRE FIGHTING LEGENDS:**

- External Fire Hydrant
- Maintenance Sluice Valve Chamber
- Air Release Valve
- Drain Valve
- 150NB Internal / External Fire Hydrant Ring Line
- 150NB Away Fire Brigade Inlet Connection
- 100NB Zway Fire Brigade Draw out Connection



For Service Plan Estimate Only

Director  
Town & Country Planning  
Haryana

Executive Engineer  
HSVP Divn. No. 1  
Gurgaon

Member Secretary  
B.P.A.C.

Member  
B.P.A.C.

Member  
B.P.A.C.

Chairman  
B.P.A.C.

**AFFORDABLE GROUP HOUSING RESIDENTIAL PLOT SEC-07, SOHNA, AREA SUMMARY**

| TOTAL PLOT AREA STATEMENT   | PERMISSIBLE                     | F.A.R. PROPOSED / ACHIEVED | TOTAL UNITS |
|-----------------------------|---------------------------------|----------------------------|-------------|
| TOTAL LAND AREA             | 11.1875 ACR. = 4499.913 SQ.MT.  | PK. N                      | ATP(HQ)     |
| TOTAL LAND NET PLANNED AREA | 11.09875 ACR. = 4404.976 SQ.MT. | PK. N                      |             |

**COMMERCIAL FAR & NON FAR CALCULATION**

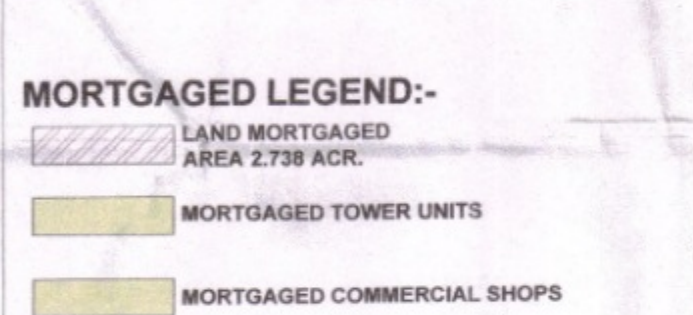
**F.A.R. AREA CALCULATION**

| GEOMETRY NO.               | LENGTH  | BREADTH | AREA            |
|----------------------------|---------|---------|-----------------|
| A                          | 125.640 | 10.850  | 1363.194        |
| <b>GROUND FLOOR F.A.R.</b> |         |         | <b>1363.194</b> |
| <b>FIRST FLOOR</b>         |         |         |                 |
| A                          | 7.140   | 2.550   | 72.828          |
| B                          | 22.080  | 8.300   | 366.528         |
| <b>TOTAL</b>               |         |         | <b>439.356</b>  |

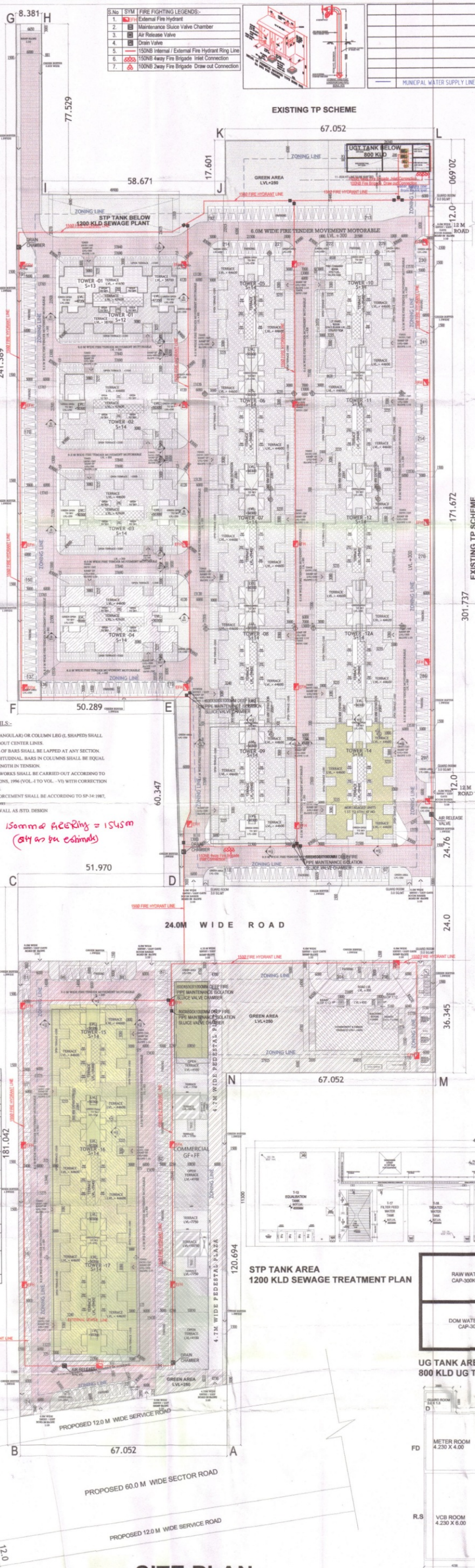
**TOTAL PARKING SUMMARY**

|   |                        |
|---|------------------------|
| TOTAL NOS. OF UNITS                                 | 1891                   |
| PARKING REQUIRED @ 0.5 ECS PER DU                   | 945.5 ECS              |
| <b>PARKING PROVIDED BY AREA</b>                     | <b>8245.28 SQ.MT.</b>  |
| TOTAL NOS. OF PARKING IN OPEN SPACE @ 23 SQ.M / ECS | 358.49 ECS             |
| <b>PROPOSED STILT PARKING AREA</b>                  | <b>20535.18 SQ.MT.</b> |
| TOTAL NOS. OF PARKING IN OPEN SPACE @ 28 SQ.M / ECS | 733.40 ECS             |
| <b>TOTAL PARKING ECS</b>                            | <b>1091.89 ECS</b>     |

- GENERAL NOTES:**
- LIFT / SERVICES WILL BE INSTALLED WITH 100% POWER BACK UP.
  - THE RESPONSIBILITY OF THE STRUCTURE DESIGN & STRUCTURAL STABILITY OF THE BUILDING AGAINST THE EARTH QUAKE SHALL BE ENTIRELY OF THE ARCHITECT/ENGINEER.
  - HANDICAP RAMP WITH RAILING HAS BEEN PROVIDED IN ALL THE COMMON AREAS.
  - STRUCTURAL DRAWINGS SHALL BE READ IN CONJUNCTION WITH RELEVANT ARCHITECTURAL AND SERVICES DRAWING.
  - DO NOT SCALE FOLLOW WRITTEN DIMENSIONS ONLY.
  - ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE SPECIFIED.
  - UNLESS SPECIFIED OTHERWISE, ALL LEVELS SHOW IN STRUCTURAL DRAWINGS ARE STRUCTURAL LEVELS ONLY.
  - FOR GENERAL NOTES AND STANDARD DETAILS REFER STANDARD DRG.
  - COVER: 25 MM
  - SLAB: 20MM
  - CONCRETE MIX: M25
  - SLAB: M25
  - TOP REIN: 12MM
  - BOTTOM REIN: 12MM
  - REINFORCEMENT - REEF. STEEL SHALL BE TMT BARS OF GRADE FE 500 CONFORMING TO IS 1786-1985
  - DETAILING OF REINFORCEMENT SHALL BE ACCORDING TO SP-16 (1978) AND SP-16 (1988)
  - PROVIDED DET. REIN. WHEREVER REQD. AS FOLLOW:-  
TOP - 8T/300C  
BOT - 8T/300C



| S.NO. | DETAILS OF LAND MORTGAGED RESIDENTIAL & COMMERCIAL    | PERMISSIBLE (Sq.m) | PROPOSED (Sq.m) |
|-------|---|--------------------|-----------------|
| 1     | TOTAL LAND AREA (Acres) @ 11.1875                     | 4499.913           | 4599.713        |
| 2     | Required site area mortgaged @ 20% of total Land Area | 899.983            | 919.943         |
| 3     | Proposed site area mortgaged (In Acres)               | 2.222              | 2.238           |
|       |   | 33.00%             | 34.62%          |



**COMMERCIAL FAR CALCULATION - (B)**

| PERMISSIBLE COMMERCIAL @ 4% OF 11.09875 ACRES                               | 0.44395 ACR.   | 1796.599 SQ.MT. | 2%             | 0.221975 | 898.2995        | TOTAL SHOPS                  |
|---|----------------|-----------------|----------------|----------|-----------------|------------------------------|
| PERMISSIBLE FAR ON COMMERCIAL   | 175.00%        | 3146.048        | 175.00%        |          | 1572.024        | 58 ON GR. FL. & 04 FIRST FL. |
| 15% EXTRA FAR FOR IBC PLATINUM RATING (IBC REG. NO. - GAH 240783) NOV. 2024 | 15.00%         | 269.488         | 15.00%         |          | 134.745         | 62 SHOPS                     |
| <b>TOTAL COMMERCIAL F.A.R.</b>  | <b>190.00%</b> | <b>3415.536</b> | <b>190.00%</b> |          | <b>1706.769</b> | <b>120 SHOPS</b>             |

**GROUND COVERAGE**

| GROUND COVERAGE   | PERMISSIBLE      | RESIDENTIAL      | COMMERCIAL      | COMMUNITY & CRECHE | GUARD ROOM    | METER VCB     | STP           | UGT           | ESS DG SET    | PROPOSED %        |
|---|------------------|------------------|-----------------|--------------------|---------------|---------------|---------------|---------------|---------------|-------------------|
| GROUND COVERAGE @ 98% + 2% = 100% AREA (44826.877 + 896.300) = 44914.976 SQ.M | 50.00%           |                  |                 |                    |               |               |               |               |               | 37.691%           |
| <b>GROUND COVERAGE AREA CALCULATION (IN SQ.M.)</b>                            | <b>22457.488</b> | <b>14624.839</b> | <b>1363.194</b> | <b>411.182</b>     | <b>12.000</b> | <b>75.000</b> | <b>22.000</b> | <b>26.000</b> | <b>56.000</b> | <b>16,590.215</b> |

**DENSITY CALCULATION**

| PERSON (PPA) | (TDR) ADDL. PERSON +175 | RES. AREA @ 98% OF NET PLAN AREA | TOTAL PERSON (PPA) | TOTAL DWELLING UNIT | TOTAL PERSON @ 5 EACH UNIT |
|--------------|-------------------------|----------------------------------|--------------------|---------------------|----------------------------|
| 750-900      | 750-900(175)            | 189.1875                         | 1891               | 1891                | 9,455.00                   |

**GREEN AREA CALCULATION @ NET PLANNED AREA**

| PERMISSIBLE                              | TOTAL PLOT EXCLUDING AREA UNDER | PROPOSED                      |
|--|---------------------------------|-------------------------------|
| TOTAL PLOT AREA                          | 11.1875 ACR. = 4499.913 SQ.MT.  |                               |
| AREA UNDER 24.0 M ROAD WIDENING          | 0.79 ACR. = 317.013 SQ.MT.      |                               |
| AREA UNDER 12.0 M ROAD WIDENING          | 0.15 ACR. = 61.875 SQ.MT.       |                               |
| AREA UNDER 60.0 M ROAD WIDENING          | 0.04 ACR. = 161.874 SQ.MT.      |                               |
| NET PLANNED AREA                         | 10.098 ACR. = 4068.127 SQ.MT.   | 10.098 ACRES                  |
| GREEN REQUIRED @ 15% OF NET PLANNED AREA | 1.514 ACR. = 6126.763 SQ.MT.    | 1.530 ACRES = 6195.284 SQ.MT. |

**PARKING AREA CALCULATION**

| ECS PER SQ.M   | TOTAL UNITS | TOTAL ECS | ECS PER SQ.M                 | TOTAL AREA (SQ.M) | TOTAL PARKING NO. |
|--|-------------|-----------|------------------------------|-------------------|-------------------|
|  | 1891        | 945.5     |                              |                   |                   |
| TOTAL CAR PARKING (OPTIONAL) ECS & NUMBER'S                      | 23          | 1891      | 82.45                        | 2245.28           | 1891              |
| ECS STILT CAR PARKING  | 28          | 1891      | 73.40                        | 20935.18          | 1091.89           |
| TOTAL NUMBER'S & ECS TWO WHEELER PARKING REQUIRED (OPEN + STILT) | 0.5         | 1891      | 945.50                       |                   |                   |
| OPEN TWO WHEELER PARKING NUMBER'S & ECS                          | 99          | 158.00    | TOWER 01                     |                   |                   |
|  | 672         | 1344.00   | TOWER 02, 03, 04, 05, 14, 15 |                   |                   |
|  | 224         | 448.00    | TOWER 06, 07                 |                   |                   |
|  | 224         | 448.00    | TOWER 12, 13                 |                   |                   |
|  | 672         | 1344.00   | TOWER 08, 09, 10, 11, 16, 17 |                   |                   |
| STILT TWO WHEELER PARKING NUMBER'S & ECS                         | 1891        | 3782.00   |                              |                   | 1891              |

**PROPOSED AGH GROUND COVERAGE, BUILT UP AREA, FAR & NON FAR AREA CALCULATION (IN SQ.M)**

| TOWER            | TOTAL FLOOR NO'S | GROUND COVERAGE (NO'S) | BUILT UP AREA (SQ.M) | TYPICAL FLOOR AREA (SQ.M) | TYPICAL FLOOR NO'S | TOTAL FLOOR AREA (SQ.M) | TOTAL FAR | TOTAL NON FAR | TOTAL FLOOR AREA (SQ.M) | TOTAL FLOOR AREA (SQ.M) | TOTAL FAR  | TOTAL NON FAR | TOTAL NO'S |
|------------------|------------------|------------------------|----------------------|---------------------------|--------------------|-------------------------|-----------|---------------|-------------------------|-------------------------|------------|---------------|------------|
| TOWER 1 (14+18)  | 12               | 883.972                | 808.145              | 74.827                    | 43.364             | 523.250                 | 74.827    | 1372.877      | 6672.126                | 8319.890                | 8          | 8             |            |
| TOWER 2 (14+18)  | 14               | 883.972                | 808.145              | 74.827                    | 43.364             | 592.096                 | 74.827    | 1438.241      | 7526.327                | 9017.395                | 112        | 112           |            |
| TOWER 3 (14+18)  | 14               | 883.972                | 808.145              | 74.827                    | 43.364             | 592.096                 | 74.827    | 1438.241      | 7526.327                | 9017.395                | 112        | 112           |            |
| TOWER 4 (14+18)  | 14               | 883.972                | 808.145              | 74.827                    | 43.364             | 592.096                 | 74.827    | 1438.241      | 7526.327                | 9017.395                | 112        | 112           |            |
| TOWER 5 (14+18)  | 14               | 1762.903               | 1613.249             | 149.654                   | 86.728             | 1063.324                | 149.654   | 2823.323      | 15036.190               | 18007.167               | 224        | 224           |            |
| TOWER 6 (14+18)  | 14               | 1762.903               | 1613.249             | 149.654                   | 86.728             | 1063.324                | 149.654   | 2823.323      | 15036.190               | 18007.167               | 224        | 224           |            |
| TOWER 7 (14+18)  | 14               | 1762.903               | 1613.249             | 149.654                   | 86.728             | 1063.324                | 149.654   | 2823.323      | 15036.190               | 18007.167               | 224        | 224           |            |
| TOWER 8 (14+18)  | 14               | 883.972                | 808.145              | 74.827                    | 43.364             | 592.096                 | 74.827    | 1438.241      | 7526.327                | 9017.395                | 112        | 112           |            |
| TOWER 9 (14+18)  | 14               | 883.972                | 808.145              | 74.827                    | 43.364             | 592.096                 | 74.827    | 1438.241      | 7526.327                | 9017.395                | 112        | 112           |            |
| TOWER 10 (14+18) | 14               | 883.972                | 808.145              | 74.827                    | 43.364             | 592.096                 | 74.827    | 1438.241      | 7526.327                | 9017.395                | 112        | 112           |            |
| TOWER 11 (14+18) | 14               | 883.972                | 808.145              | 74.827                    | 43.364             | 592.096                 | 74.827    | 1438.241      | 7526.327                | 9017.395                | 112        | 112           |            |
| TOWER 12 (14+18) | 14               | 1762.903               | 1613.249             | 149.654                   | 86.728             | 1063.324                | 149.654   | 2823.323      | 15036.190               | 18007.167               | 224        | 224           |            |
| TOWER 13 (14+18) | 14               | 1762.903               | 1613.249             | 149.654                   | 86.728             | 1063.324                | 149.654   | 2823.323      | 15036.190               | 18007.167               | 224        | 224           |            |
| TOWER 14 (14+18) | 14               | 883.972                | 808.145              | 74.827                    | 43.364             | 592.096                 | 74.827    | 1438.241      | 7526.327                | 9017.395                | 112        | 112           |            |
| TOWER 15 (14+18) | 14               | 883.972                | 808.145              | 74.827                    | 43.364             | 592.096                 | 74.827    | 1438.241      | 7526.327                | 9017.395                | 112        | 112           |            |
| TOWER 16 (14+18) | 14               | 1762.903               | 1613.249             | 149.654                   | 86.728             | 1063.324                | 149.654   | 2823.323      | 15036.190               | 18007.167               | 224        | 224           |            |
| TOWER 17 (14+18) | 14               | 1762.903               | 1613.249             | 149.654                   | 86.728             | 1063.324                | 149.654   | 2823.323      | 15036.190               | 18007.167               | 224        | 224           |            |
| TOTAL            |                  | 14624.839              | 13631.760            | 1272.059                  | 797.188            | 9252.669                | 10246.678 | 125788.98     | 1272.059                | 23599.458               | 127011.038 | 151882.555    | 1891       |

