



| COMMON GROUND COVERAGE AREA CALCULATION<br>(TOWER_B+C) |        |       |        |      |             |
|--------------------------------------------------------|--------|-------|--------|------|-------------|
| ADDITIONS                                              |        |       |        |      |             |
| S. No.                                                 | COEFF. | WIDTH | LENGTH | NOS. | AREA IN SQM |
| 7                                                      | 1      | 4.280 | 3.700  | 1    | 15.836      |
| 8                                                      | 1      | 6.990 | 11.200 | 1    | 78.288      |
| 9                                                      | 1      | 6.645 | 8.700  | 1    | 57.812      |
| 10                                                     | 1      | 6.350 | 1.000  | 1    | 6.350       |
| 11                                                     | 1      | 6.030 | 1.800  | 1    | 10.854      |
| TOTAL ADDITIONS (A3)                                   |        |       |        | =    | 169.140     |

| GROUND COVERAGE AREA CALCULATIONS<br>(TYPICAL SINGLE TOWER) |        |        |        |          |                |
|-------------------------------------------------------------|--------|--------|--------|----------|----------------|
| S. No.                                                      | COEFF. | WIDTH  | LENGHT | NOS.     | AREA IN SQMT   |
| 1                                                           | 1      | 3.880  | 2.800  | 4        | 43.456         |
| 2                                                           | 1      | 38.940 | 7.950  | 2        | 619.146        |
| 3                                                           | 1      | 4.280  | 3.750  | 4        | 64.200         |
| 5                                                           | 1      | 16.400 | 11.200 | 1        | 183.680        |
| 6                                                           | 1      | 0.320  | 1.800  | 4        | 2.304          |
| <b>TOTAL AREA (A4)</b>                                      |        |        |        | <b>=</b> | <b>912.786</b> |

|                                             |   |          |
|---------------------------------------------|---|----------|
| GROUND COVERAGE AREA OF COMBINED TOWER(B+C) |   |          |
| 2X(A4) OR 2X912.786                         | = | 1825.572 |
| COMMON STILT AREA (A3)                      | = | 169.140  |
| TOTAL AREA = (2A4+A3)                       | = | 1994.712 |



| STILT FLOOR FAR AREA CALCULATIONS(TOWER- B_C) |        |        |        |      |              |
|-----------------------------------------------|--------|--------|--------|------|--------------|
| ADDITIONS                                     |        |        |        |      |              |
| S. No.                                        | COEFF. | WIDTH  | LENGHT | NOS. | AREA IN SQMT |
| L1                                            | 1      | 13.140 | 13.900 | 1    | 182.846      |
| D1                                            | 1      | 0.560  | 2.040  | 4    | 4.570        |
| TOTAL ADDITIONS(A2)                           |        |        |        | =    | 187.216      |
| TOWER(B+CI)AREA=A2X2                          |        |        |        | =    | 374.438      |

| STILT FLOOR NON FAR AREA(TOWER- B_ C) |   |          |
|---------------------------------------|---|----------|
| TYPICAL FLOOR PLATE AREA(A1)          | = | 881.570  |
| STILT FLOOR AREA(A2)                  | = | 187.216  |
| TOTAL AREA = A7(A1-A2)                | = | 694.354  |
| TOWER(B+CI)AREA=(A7X2)                | = | 1388.708 |

| SCHEDULE OF OPENINGS |      |       |       |      |                   |
|----------------------|------|-------|-------|------|-------------------|
| S.NO.                | TYPE | WIDTH | HIGHT | S.L. | REMARK            |
| 1                    | FD   | 1200  | 2400  | 00   | 2 HOUR FIRE RATED |
| 2                    | D1A  | 1200  | 2400  | 00   | 2 HOUR FIRE RATED |
| 3                    | D*   | 1000  | 2400  | 00   | 2 HOUR FIRE RATED |
| 4                    | W1   | 900   | 1200  | 1200 |                   |

  
 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.

  
 D.T.P. (HQ)

  
 A.T.P. (HQ)

  
 A.T.P.

  
 J.D.

  
 (Dinesh Kumar)  
 P.A.(H)

CTIONED  
 WITH THIS OFFICE:-

TO BE SANCTIONED  
TO BE READ WITH THIS OFFICE  
MEMO NO. 1

DRAWING TITLE:  
TOWER - B & C COMBINED STAIR FLOOR  
PLAN & AREA DETAILS

DRAWING NO.:  
**S15**

| LEGEND -                                                              |                                     |
|-----------------------------------------------------------------------|-------------------------------------|
| DESCRIPTION                                                           | SYMBOL                              |
| 100 GPCV SOLID VENT PIPE                                              | 1                                   |
| 100 GPCV SOLID VENT PIPE                                              | 2                                   |
| 100 GPCV SOLID VENT PIPE                                              | 3                                   |
| 25 GPCV VENT PIPE (CP)                                                | 2a                                  |
| 100 GPCV RAIN WATER PIPE                                              | 4                                   |
| 100 GPCV DRAIN PIPE                                                   | 4a                                  |
| 75 OD UTILITY BALCONY DRAIN PIPE                                      | 4b                                  |
| 100 GPCV RAIN WATER PIPE FOR TERRACE                                  | 4c                                  |
| DOMESTIC WATER SUPPLY ON TAKE                                         | 5                                   |
| FLUSHING WATER SUPPLY ON TAKE                                         | 6                                   |
| DOMESTIC WATER SUPPLY RISER                                           | 7                                   |
| FLUSHING WATER SUPPLY RISER                                           | 8                                   |
| DOMESTIC HYDRO-PNEUMATIC WATER SUPPLY PIPE DOWN TAKE (TERRACE FLOORS) | 5a                                  |
| DOMESTIC WATER SUPPLY RISER                                           | 7a                                  |
| FLUSHING WATER SUPPLY RISER                                           | 8a                                  |
| PIPE DROP                                                             | (D)                                 |
| FLOOR DRAIN (FD)                                                      | (F)                                 |
| FLOOR TRAP (FT)                                                       | (FT)                                |
| KHURDA 200mm with S/GATED GRATING                                     | (KHURDA 200mm with S/GATED GRATING) |
| KHURDA 400mm (TERRACE)                                                | (KHURDA 400mm (TERRACE))            |
| BALCONY DRAIN                                                         |                                     |
| DOMESTIC WATER SUPPLY (DWS)                                           |                                     |
| HYDRO-PNEUMATIC DOMESTIC WATER (HYDPO)                                |                                     |
| FLUSHING WATER SUPPLY (FWS)                                           |                                     |
| FLUSHING WATER SUPPLY RISER                                           |                                     |
| DOMESTIC WATER SUPPLY RISER                                           |                                     |
| 100 SOLID PIPE                                                        |                                     |
| 100 WASTE PIPE                                                        |                                     |
| 750 VENT PIPE                                                         |                                     |
| RAIN WATER PIPE                                                       |                                     |
| REAL HEALTH FACET                                                     | H F                                 |
| ACCESS DOOR (AD)                                                      | AD                                  |
| BALL VALVE / BUTTERFLY VALVE                                          | B V                                 |
| NON RETURN VALVE                                                      | N R V                               |

| PIPE LEGEND:- |                                       |
|---------------|---------------------------------------|
| A1.           | 1000 FPM HYDRAUNT PIPE LOW ZONE       |
| A1.           | 1000 FPM HYDRAUNT PIPE MID. ZONE      |
| A2.           | 1000 FPM HYDRAUNT PIPE HIGH ZONE      |
| B.            | 1000 FPM DRAIN                        |
| C.            | 1500 FPM SPRINKLER PIPE FOR LOW ZONE  |
| C1.           | 1500 FPM SPRINKLER PIPE FOR MID. ZONE |
| C2.           | 1500 FPM SPRINKLER PIPE FOR HIGH ZONE |
| D.            | 1000 MAKE UP LINE                     |
| E.            | 500 FPM HYDRAUNT PIPE (DRAINAGE FLOW) |
| F.            | THE LOCAL CATCHER                     |

**GENERAL NOTES :**

1. DIMENSIONS OF ALL PIPES SPECIFIED IN PLUMBING AND HVAC SUPERVISION DRAWING SHALL BE IN ACCORDANCE WITH THE RULES OF THE SOCIETY OF MECHANICAL ENGINEERS (SME) INDIA.
2. ALL DIMENSIONS SHALL BE IN ACCORDANCE WITH THE RULES OF THE SOCIETY OF MECHANICAL ENGINEERS (SME) INDIA.
3. DIMENSIONS SHALL BE IN ACCORDANCE WITH THE RULES OF THE SOCIETY OF MECHANICAL ENGINEERS (SME) INDIA.
4. ALL DIMENSIONS SHALL BE IN ACCORDANCE WITH THE RULES OF THE SOCIETY OF MECHANICAL ENGINEERS (SME) INDIA.
5. ALL DIMENSIONS SHALL BE IN ACCORDANCE WITH THE RULES OF THE SOCIETY OF MECHANICAL ENGINEERS (SME) INDIA.
6. ALL DIMENSIONS SHALL BE IN ACCORDANCE WITH THE RULES OF THE SOCIETY OF MECHANICAL ENGINEERS (SME) INDIA.
7. ALL DIMENSIONS SHALL BE IN ACCORDANCE WITH THE RULES OF THE SOCIETY OF MECHANICAL ENGINEERS (SME) INDIA.
8. ALL DIMENSIONS SHALL BE IN ACCORDANCE WITH THE RULES OF THE SOCIETY OF MECHANICAL ENGINEERS (SME) INDIA.
9. ALL DIMENSIONS SHALL BE IN ACCORDANCE WITH THE RULES OF THE SOCIETY OF MECHANICAL ENGINEERS (SME) INDIA.
10. ALL DIMENSIONS SHALL BE IN ACCORDANCE WITH THE RULES OF THE SOCIETY OF MECHANICAL ENGINEERS (SME) INDIA.

PRINCIPAL ARCHITECT:

# ACPL

ISO 9001:2015

ACPL Design Ltd

E-24 South Extension -1  
New Delhi 110049, India  
E: [contact@ecpionline.com](mailto:contact@ecpionline.com)

PROJECT:-

PROPOSED RESIDENTIAL GROUP HOUSING COLONY  
UNDER TOD SCHEME AREA MEASURING 9.16875 ACRE  
LAND AT SECTOR 70, GURGAON (HARYANA) UNDER  
LICENCE NO. 21 OF 2024 DATED 07.02.2024 BEING  
DEVELOPED BY M/S TULIP INFRA TECH PVT. LTD.

For TULIP INFRATECH PVT. LTD.

Authorised Signatory

OWNER'S/AUTHORIZED SIGN.

ARCHITECT'S SIGN

DRAWING TITLE:

TOWER - B & C COMBINED STILT FLOOR  
PLAN & AREA DETAILS

DRAWING NO. S15

SCALE : 1:150

