

1. BUILDING HAS AUTOMATIC SPRINKLER SYSTEM WHEREVER REQUIRED BY NBC.
2. BUILDING WILL BE DESIGNED (STRUCTURES) AS PER RELEVANT IS CODES FOR EARTH QUAKE RESISTANCE.
3. WC SHALL BE MECHANICALLY LIGHT & VENTILATED WHEREVER REQUIRED

TO BE READ WITH THIS OFFICE  
MEMO NO.:  
DATED :  
DIP(HQ)  
ATP(HQ)

Rajesh Dutt  
JD(HQ)

PROJECT: ADDITIONAL & REVISED BUILDING PLANS FOR GROUP HOUSING COLONY UNDER MIX LAND USE IN TOP ZONE (99% GH COMPONENT + 01% COMMERCIAL COMPONENT) WITH 350 FAR (LICENCE NO 80 OF 2012 DATED 17.08.2012) COVER AN AREA MEASURING 24.10 ACRES FALLING IN SECTOR 106, GURUGRAM BEING DEVELOPED BY ELAN AVENUE LTD AND OTHERS' (EARLIER KNOWN AS ARMD DEVELOPERS LTD. )

OWNER'S SEAL  
& SIGNATURE

Elan Avenue Limited

Authorised Signatory

ARCHITECT'S SEAL  
& SIGNATURE

DDT  
Methyl  
BPA

Dr. K. G. Kumar  
CAZK2/55971

Quarantined and found ok for Public Health  
(Internal) Samples only subject to

8. SIGNATURE

APRIL - 2024.

|         |       |
|---------|-------|
| Scale : | 1:100 |
|---------|-------|

Drawing Title:-

**TOWER-12**

1ST FLOOR PLAN  
& FABRICATION CALCULATION

Drawing No: **12**

ENGINEERING COLLEGE  
T.Y.A. Pimpri

12-02

Information is contained in this drawing under No. 20195 & Dtd. 23/07/21

| SCHEDULE OF DOORS & WINDOWS |     |                 |                |         |
|-----------------------------|-----|-----------------|----------------|---------|
| TYPE                        | QTY | LOCATION        | DESCRIPTION    | S&L VAL |
| 1                           | 1   | UNIT ENTRY      | FRONT DOOR (H) | 1000    |
| 2                           | 1   | REAR PORCH      | MULLION DOOR   | 1000    |
| 3                           | 1   | SEMPER REFRIGAL | FRONT DOOR (H) | 1000    |
| 4                           | 1   | TOILET ENTRY    | MULLION DOOR   | 1000    |
| 5                           | 1   | REAR DOOR       | MULLION DOOR   | 1000    |
| 6                           | 1   | FRONT DOOR      | MULLION DOOR   | 1000    |
| 7                           | 1   | FRONT DOOR      | MULLION DOOR   | 1000    |
| 8                           | 1   | FRONT DOOR      | MULLION DOOR   | 1000    |
| 9                           | 1   | FRONT DOOR      | MULLION DOOR   | 1000    |
| 10                          | 1   | FRONT DOOR      | MULLION DOOR   | 1000    |
| 11                          | 1   | FRONT DOOR      | MULLION DOOR   | 1000    |
| 12                          | 1   | FRONT DOOR      | MULLION DOOR   | 1000    |
| 13                          | 1   | FRONT DOOR      | MULLION DOOR   | 1000    |
| 14                          | 1   | FRONT DOOR      | MULLION DOOR   | 1000    |
| 15                          | 1   | FRONT DOOR      | MULLION DOOR   | 1000    |
| 16                          | 1   | FRONT DOOR      | MULLION DOOR   | 1000    |
| 17                          | 1   | FRONT DOOR      | MULLION DOOR   | 1000    |
| 18                          | 1   | FRONT DOOR      | MULLION DOOR   | 1000    |
| 19                          | 1   | FRONT DOOR      | MULLION DOOR   | 1000    |
| 20                          | 1   | FRONT DOOR      | MULLION DOOR   | 1000    |
| 21                          | 1   | FRONT DOOR      | MULLION DOOR   | 1000    |
| 22                          | 1   | FRONT DOOR      | MULLION DOOR   | 1000    |
| 23                          | 1   | FRONT DOOR      | MULLION DOOR   | 1000    |
| 24                          | 1   | FRONT DOOR      | MULLION DOOR   | 1000    |
| 25                          | 1   | FRONT DOOR      | MULLION DOOR   | 1000    |
| 26                          | 1   | FRONT DOOR      | MULLION DOOR   | 1000    |
| 27                          | 1   | FRONT DOOR      | MULLION DOOR   | 1000    |
| 28                          | 1   | FRONT DOOR      | MULLION DOOR   | 1000    |
| 29                          | 1   | FRONT DOOR      | MULLION DOOR   | 1000    |
| 30                          | 1   | FRONT DOOR      | MULLION DOOR   | 1000    |
| 31                          | 1   | FRONT DOOR      | MULLION DOOR   | 1000    |
| 32                          | 1   | FRONT DOOR      | MULLION DOOR   | 1000    |
| 33                          | 1   | FRONT DOOR      | MULLION DOOR   | 1000    |
| 34                          | 1   | FRONT DOOR      | MULLION DOOR   | 1000    |
| 35                          | 1   | FRONT DOOR      | MULLION DOOR   | 1000    |
| 36                          | 1   | FRONT DOOR      | MULLION DOOR   | 1000    |
| 37                          | 1   | FRONT DOOR      | MULLION DOOR   | 1000    |
| 38                          | 1   | FRONT DOOR      | MULLION DOOR   | 1000    |
| 39                          | 1   | FRONT DOOR      | MULLION DOOR   | 1000    |
| 40                          | 1   | FRONT DOOR      | MULLION DOOR   | 1000    |
| 41                          | 1   | FRONT DOOR      | MULLION DOOR   | 1000    |
| 42                          | 1   | FRONT DOOR      | MULLION DOOR   | 1000    |
| 43                          | 1   | FRONT DOOR      | MULLION DOOR   | 1000    |
| 44                          | 1   | FRONT DOOR      | MULLION DOOR   | 1000    |
| 45                          | 1   | FRONT DOOR      | MULLION DOOR   | 1000    |
| 46                          | 1   | FRONT DOOR      | MULLION DOOR   | 1000    |
| 47                          | 1   | FRONT DOOR      | MULLION DOOR   | 1000    |
| 48                          | 1   | FRONT DOOR      | MULLION DOOR   | 1000    |
| 49                          | 1   | FRONT DOOR      | MULLION DOOR   | 1000    |
| 50                          | 1   | FRONT DOOR      | MULLION DOOR   | 1000    |
| 51                          | 1   | FRONT DOOR      | MULLION DOOR   | 1000    |
| 52                          | 1   | FRONT DOOR      | MULLION DOOR   | 1000    |
| 53                          | 1   | FRONT DOOR      | MULLION DOOR   | 1000    |
| 54                          | 1   | FRONT DOOR      | MULLION DOOR   | 1000    |
| 55                          | 1   | FRONT DOOR      | MULLION DOOR   | 1000    |
| 56                          | 1   | FRONT DOOR      | MULLION DOOR   | 1000    |
| 57                          | 1   | FRONT DOOR      | MULLION DOOR   | 1000    |
| 58                          | 1   | FRONT DOOR      | MULLION DOOR   | 1000    |
| 59                          | 1   | FRONT DOOR      | MULLION DOOR   | 1000    |
| 60                          | 1   | FRONT DOOR      | MULLION DOOR   | 1000    |
| 61                          | 1   | FRONT DOOR      | MULLION DOOR   | 1000    |
| 62                          | 1   | FRONT DOOR      | MULLION DOOR   | 1000    |
| 63                          | 1   | FRONT DOOR      | MULLION DOOR   | 1000    |
| 64                          | 1   | FRONT DOOR      | MULLION DOOR   | 1000    |
| 65                          | 1   | FRONT DOOR      | MULLION DOOR   | 1000    |
| 66                          | 1   | FRONT DOOR      | MULLION DOOR   | 1000    |
| 67                          | 1   | FRONT DOOR      | MULLION DOOR   | 1000    |
| 68                          | 1   | FRONT DOOR      | MULLION DOOR   | 1000    |
| 69                          | 1   | FRONT DOOR      | MULLION DOOR   | 1000    |
| 70                          | 1   | FRONT DOOR      | MULLION DOOR   | 1000    |
| 71                          | 1   | FRONT DOOR      | MULLION DOOR   | 1000    |
| 72                          | 1   | FRONT DOOR      | MULLION DOOR   | 1000    |
| 73                          | 1   | FRONT DOOR      | MULLION DOOR   | 1000    |
| 74                          | 1   | FRONT DOOR      | MULLION DOOR   | 1000    |
| 75                          | 1   | FRONT DOOR      | MULLION DOOR   | 1000    |
| 76                          | 1   | FRONT DOOR      | MULLION DOOR   | 1000    |
| 77                          | 1   | FRONT DOOR      | MULLION DOOR   | 1000    |
| 78                          | 1   | FRONT DOOR      | MULLION DOOR   | 1000    |
| 79                          | 1   | FRONT DOOR      | MULLION DOOR   | 1000    |
| 80                          | 1   | FRONT DOOR      | MULLION DOOR   | 1000    |
| 81                          | 1   | FRONT DOOR      | MULLION DOOR   | 1000    |
| 82                          | 1   | FRONT DOOR      | MULLION DOOR   | 1000    |
| 83                          | 1   | FRONT DOOR      | MULLION DOOR   | 1000    |
| 84                          | 1   | FRONT DOOR      | MULLION DOOR   | 1000    |
| 85                          | 1   | FRONT DOOR      | MULLION DOOR   | 1000    |
| 86                          | 1   | FRONT DOOR      | MULLION DOOR   | 1000    |
| 87                          | 1   | FRONT DOOR      | MULLION DOOR   | 1000    |
| 88                          | 1   | FRONT DOOR      | MULLION DOOR   | 1000    |
| 89                          | 1   | FRONT DOOR      | MULLION DOOR   | 1000    |
| 90                          | 1   | FRONT DOOR      | MULLION DOOR   | 1000    |
| 91                          | 1   | FRONT DOOR      | MULLION DOOR   | 1000    |
| 92                          | 1   | FRONT DOOR      | MULLION DOOR   | 1000    |
| 93                          | 1   | FRONT DOOR      | MULLION DOOR   | 1000    |
| 94                          | 1   | FRONT DOOR      | MULLION DOOR   | 1000    |
| 95                          | 1   | FRONT DOOR      | MULLION DOOR   | 1000    |
| 96                          | 1   | FRONT DOOR      | MULLION DOOR   | 1000    |
| 97                          | 1   | FRONT DOOR      | MULLION DOOR   | 1000    |
| 98                          | 1   | FRONT DOOR      | MULLION DOOR   | 1000    |
| 99                          | 1   | FRONT DOOR      | MULLION DOOR   | 1000    |
| 100                         | 1   | FRONT DOOR      | MULLION DOOR   | 1000    |

| PLUMBING LEGEND. — |                                             |
|--------------------|---------------------------------------------|
| 1                  | 1.00 TOWAION SINK PIPE                      |
| 2A                 | 2.00 TOWAION WASTE PIPE FOR UTILITY BALCONY |
| 3                  | 3.00 TOWAION HYDREN WASTE PIPE              |
| 4                  | 4.00 TOWAION SINK WATER PIPE FOR BALCONY    |
| 5                  | 5.00 TOWAION SINK WATER PIPE FOR TERRACE    |
| 6                  | 6.00 TOWAION SINK WATER PIPE FOR TERRACE    |
| 7                  | 7.00 TOWAION SINK WATER PIPE FOR TERRACE    |
| 8                  | 8.00 TOWAION SINK WATER PIPE FOR TERRACE    |
| 9                  | 9.00 TOWAION SINK WATER PIPE FOR TERRACE    |
| 10                 | 10.00 TOWAION SINK WATER PIPE FOR TERRACE   |
| 11                 | 11.00 TOWAION SINK WATER PIPE FOR TERRACE   |
| 12                 | 12.00 TOWAION SINK WATER PIPE FOR TERRACE   |

| PLUMBING LEGEND - |                       |
|-------------------|-----------------------|
| DWS               | DOMESTIC WATER SUPPLY |
| FWS               | FLUSHING WATER SUPPLY |
| WFT               | MULTI FLOOR TRAP      |
| UT                | UNFLOOR TRAP          |
| FD                | FLOOR DRAIN           |
| CD                | CLEAN CLEAN OUT PEGS  |
| CB                | BALCONY DRAIN         |
| BD                | BALCONY DRAIN         |
| DP                | DRAIN POINT           |

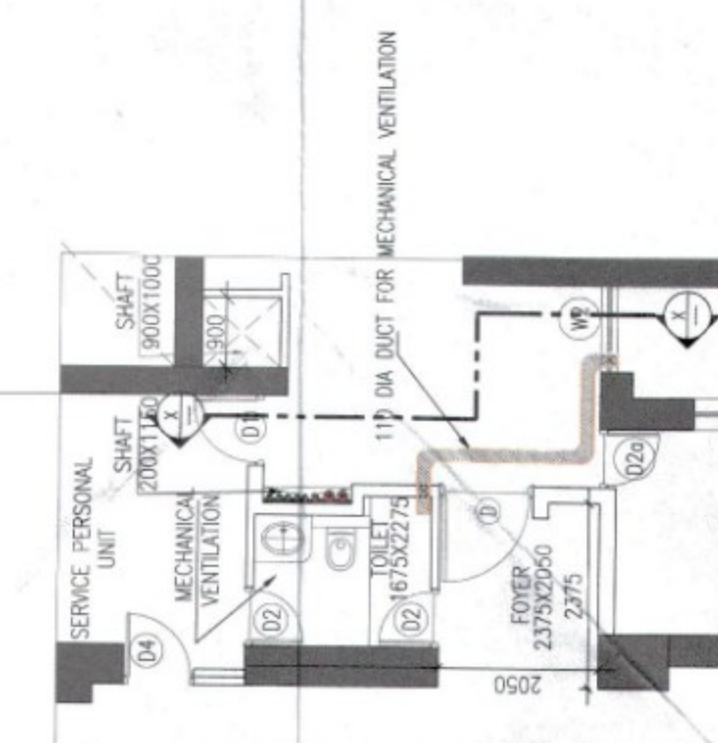
| ZONE | FIRE FIGHTING PIPE LEGEND: -   |
|------|--------------------------------|
| A    | HYDRANT PIPE ZONE-1            |
| B    | HYDRANT PIPE ZONE-2            |
| C    | HYDRANT PIPE ZONE-3            |
| D    | SPRINKLER PIPE ZONE-1          |
| E    | SPRINKLER PIPE ZONE-2          |
| F    | SPRINKLER PIPE ZONE-3          |
| G    | SPRINKLER STAND BY PIPE ZONE-1 |
| H    | SPRINKLER STAND BY PIPE ZONE-2 |
| J    | SPRINKLER STAND BY PIPE ZONE-3 |
| K    | DRAIN PIPE                     |
| HC   | FIRE HOSE CABINET              |



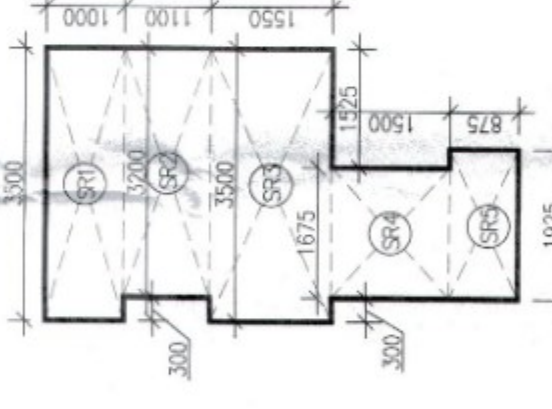
FIRST FLOOR PLAN  
LVL+5.25 M  
NO OF UNITS-2  
NO OF PERSONAL SERVICE-2

| Typical Mechanical Ventilation Calculation for WC    |                    |                                     |                            |                              |                          |                                       |                         |                            |                                 |
|------------------------------------------------------|--------------------|-------------------------------------|----------------------------|------------------------------|--------------------------|---------------------------------------|-------------------------|----------------------------|---------------------------------|
| Tower-12 Toilet Exhaust Sheet                        |                    |                                     |                            |                              |                          |                                       |                         |                            |                                 |
| S. No.                                               | LOCATIONS          | Toilet Dimension<br>Length<br>Width | Toilet Area<br>in (Sq Mtr) | Toilet Volume<br>in (Sq Mtr) | Toilet Height<br>in (ft) | Toilet Design<br>Volume<br>in (Cu.ft) | Exhaust Fan<br>in (CFM) | Fan Size<br>LxHxH<br>(mm)  | Exhaust Dia<br>Diameter<br>(mm) |
| 1. Typical Mechanical Ventilation Calculation for WC |                    |                                     |                            |                              |                          |                                       |                         |                            |                                 |
| 1.1                                                  | ENTRANCE<br>TOILET | 2.275                               | 1.675                      | 3.81                         | 41.08                    | 2.70                                  | 8.86                    | 364                        | 73                              |
|                                                      |                    |                                     |                            |                              |                          |                                       |                         | 1400x250x180<br>inline Fan | 110 (Ø)                         |

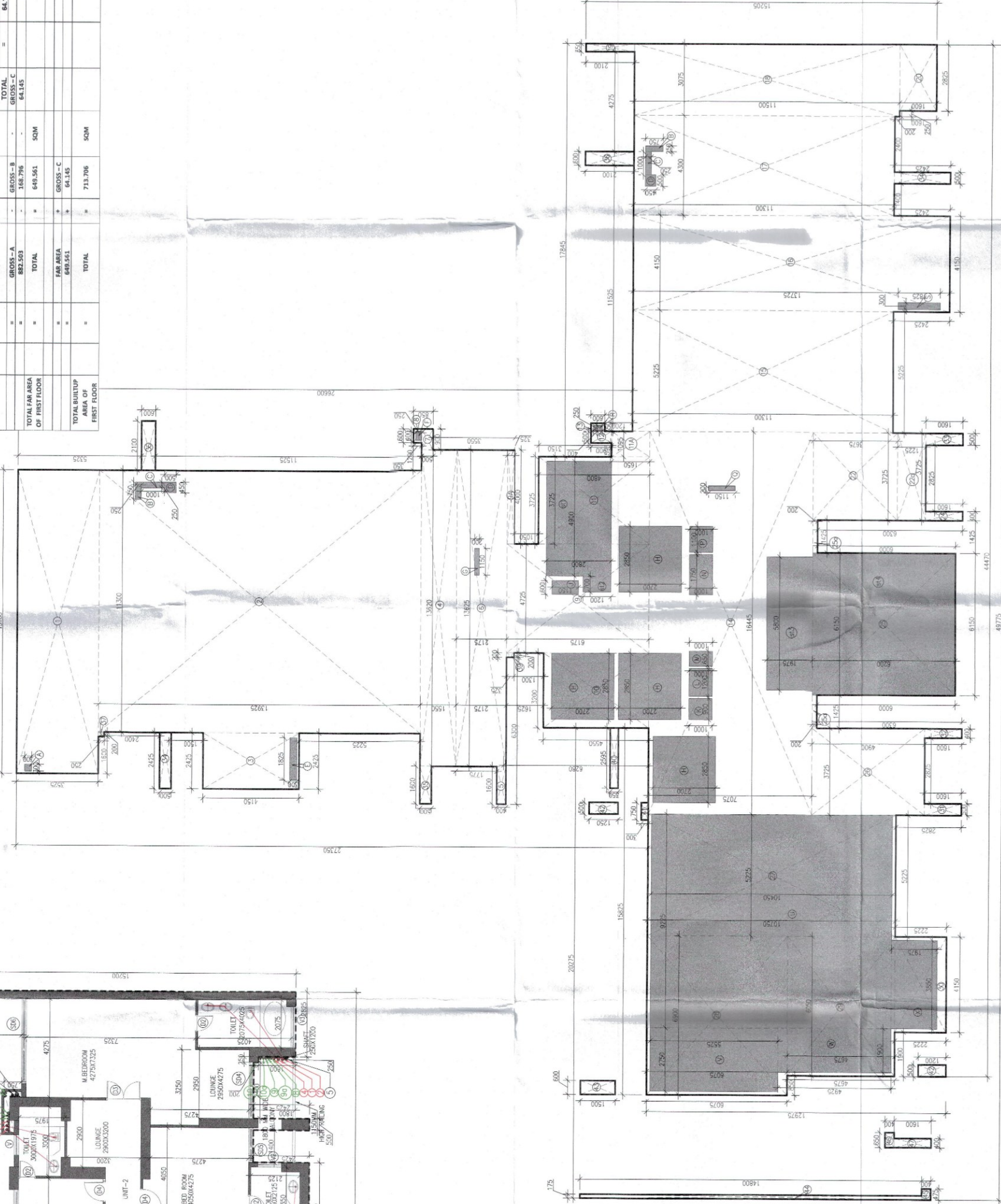
| SERVICE PERSONAL UNIT (CARPET AREA) |  |   |   |   |       |       |       |       |        |       |     |
|-------------------------------------|--|---|---|---|-------|-------|-------|-------|--------|-------|-----|
| GROSS - XX                          |  |   | = | 1 | X     | 3,500 | X     | 1,000 | =      | 3,500 | SQM |
| SRT                                 |  | = | 1 | X | 3,200 | X     | 1,100 | =     | 3,520  | SQM   |     |
| S82                                 |  | = | 1 | X | 3,000 | X     | 1,500 | =     | 4,500  | SQM   |     |
| S84                                 |  | = | 1 | X | 3,500 | X     | 1,550 | =     | 5,050  | SQM   |     |
| S86                                 |  | = | 1 | X | 3,000 | X     | 1,700 | =     | 4,700  | SQM   |     |
| SF5                                 |  | = | 1 | X | 1,925 | X     | 3,875 | =     | 5,800  | SQM   |     |
|                                     |  |   |   |   |       |       | TOTAL |       | 16,642 | SQM   |     |



DETAIL FOR  
MECHANICAL VENTILATION OF TOILET AREA



SERVICE  
PERSONAL UNIT (CARPET AREA)  
AREA DIAGRAM TOWER-12



1ST FLOOR PLAN  
AREA DIAGRAM  
TOWER-12