

# AREA STATEMENT

- LAND AREA AS PER WORK ORDER = 2771.1 SQMTR
- PERMISSIBLE GROUND COVERAGE - 50% (1385.5 SQM)
- PROPOSED PLINTH AREA @ GROUND FLOOR - 1129.78 SQM
- PROPOSED GROUND COVERAGE- 1129.78 SQM
- (COVERED -1014.8 SQM ; UNCOVERED -114.98 SQM )
- GROUND FLOOR SUPER BUILT UP AREA - 1129.78 SQM
- FIRST FLOOR SUPER BUILT UP AREA - 1014.80 SQM
- SECOND FLOOR SUPER BUILT UP AREA - 1014.80 SQM
- TOTAL AREA - 3159.38 SQM
- FAR USED - 1.14
- EXEMPTED AREA @ SERVICE AREA + STAIRCASE -  
 $39.2 \times 3 \text{ floors ( service ) } + 35.5 \text{ sqm} \times 3 \text{ ( stair 1+2) } = 224.15 \text{ QM}$
- TOTAL AREA AFTER EXEMPTION- 2935.7 SQM
- HT OF THE BUILDING-13450 MM
- CAR PARKING REQUIRED -  $(2935.7 \text{ SQM} / 100 ) * 1.5 = 44.95 + 1 = 45 \text{ CARS}$
- AREA REQUIRED -  $45 \times 13.75 = 618.75 \text{ SQM}$
- AREA GIVEN - 620 SQM
- SERVICE BLOCK (FIRE PUMP RM + ELEC RM ) = 50 SQM

| S.NO. | DOOR WINDOW SCHEDULE |             |  |  |
|-------|----------------------|-------------|--|--|
|       | DOORS                | SIZE        |  |  |
| 01    | ROUND WINDOW         | 2000 X 1000 |  |  |
| 02    | ROUND WINDOW         | 2000 X 1000 |  |  |
| 03    | ROUND WINDOW         | 1000 X 1000 |  |  |
| 04    | ROUND WINDOW         | 1000 X 1000 |  |  |
| 05    | ROUND WINDOW         | 1000 X 1000 |  |  |
| 06    | ROUND WINDOW         | 1000 X 1000 |  |  |
| 07    | ROUND WINDOW         | 1000 X 1000 |  |  |
| 08    | ROUND WINDOW         | 1000 X 1000 |  |  |
| 09    | ROUND WINDOW         | 1000 X 1000 |  |  |
| 10    | ROUND WINDOW         | 1000 X 1000 |  |  |

| AREA STATEMENT |                                                                                                                                                                 |
|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| •              | LAND AREA AS PER WORK ORDER = 2771.1 SQMTR                                                                                                                      |
| •              | PERMISSIBLE GROUND COVERAGE - 50% (1385.5 SQM)                                                                                                                  |
| •              | PROPOSED PLINTH AREA @ GROUND FLOOR = 1129.78 SQM                                                                                                               |
| •              | PROPOSED GROUND COVERAGE- 1129.78 SQM                                                                                                                           |
| •              | GROUND FLOOR SUPER BUILT UP AREA - 1129.78 SQM                                                                                                                  |
| •              | (COVERED -1014.8 SQM ; UNCOVERED -114.98 SQM)                                                                                                                   |
| •              | FIRST FLOOR SUPER BUILT UP AREA - 1014.80 SQM                                                                                                                   |
| •              | SECOND FLOOR SUPER BUILT UP AREA - 1014.80 SQM                                                                                                                  |
| •              | TOTAL AREA - 3159.38 SQM                                                                                                                                        |
| •              | FAR USED - 1.14                                                                                                                                                 |
| •              | EXEMPTED AREA @ SERVICE AREA + STAIRCASE -<br>$39.2 \times 3 \text{ floors ( service ) } + 35.5 \text{ sqm} \times 3 \text{ ( stair 1+2) } = 224.15 \text{ QM}$ |
| •              | TOTAL AREA AFTER EXEMPTION- 2935.7 SQM                                                                                                                          |
| •              | HT OF THE BUILDING-13450 MM                                                                                                                                     |
| •              | CAR PARKING REQUIRED - $(2935.7 \text{ SQM} / 100 ) * 1.5 = 44.95 + 1 = 45 \text{ CARS}$                                                                        |
| •              | AREA REQUIRED - $45 \times 13.75 = 618.75 \text{ SQM}$                                                                                                          |
| •              | AREA GIVEN - 620 SQM                                                                                                                                            |
| •              | SERVICE BLOCK (FIRE PUMP RM + ELEC RM ) = 50 SQM                                                                                                                |

**NOTES:**  
 This is not a Good for construction drawing. The drawing here only depicts in clarity, all the architectural elements of the building.

1. A GFC set to be made while execution as per actuals.
2. CONTRACTOR TO CHECK AND VERIFY ALL DIMENSIONS BEFORE EXECUTION OF THE WORK.
3. FIGURED DIMENSIONS SHALL BE FOLLOWED.
4. ALL DIMENSIONS ARE GIVEN IN MILLIMETRES UNLESS OTHERWISE SPECIFIED.
5. FOR ALL STRUCTURAL ELEMENTS LIKE BEAMS, COLUMNS, FB, LINTEL, ETC. REFER STRUCTURAL DRAWING IN RESPECTIVE OF WHAT, EVER SHOWN NOT SHOWN IN ARCH DRAWING.
6. THE EXECUTIVE AUTHORITY SHALL CHECK THIS DRG BEFORE TAKING EXECUTION IN HAND.
7. ma
8. ANY DISCREPANCIES IN DWG. IF FOUND SHALL BE BROUGHT IN THE VIEW OF ARCHITECT.
9. SUITABLE LOCATION WITH CAPACITY OF ALL THE OVERHEAD SERVICE TANK TO BE MARKED ON ROOF PLAN. RAISED PLATFORM WITH WATERPROOFING SHALL ALSO BE PROVIDED FOR SUPPORT OF SERVICE TANK.
10. ELECTRIC PANEL AND FIRE PUMP ROOM TO BE DETAILED AS PER DETAILS GIVEN BY MEP CONSULTANT.

| REV. | DESCRIPTION                                  | DATE     | ISUD. | CHKD. |
|------|----------------------------------------------|----------|-------|-------|
| 01   | Revision for building services incorporated. | 22.07.23 | ✓     | ✓     |
| 02   | Building adjusted for setbacks.              | 13.07.23 | ✓     | ✓     |

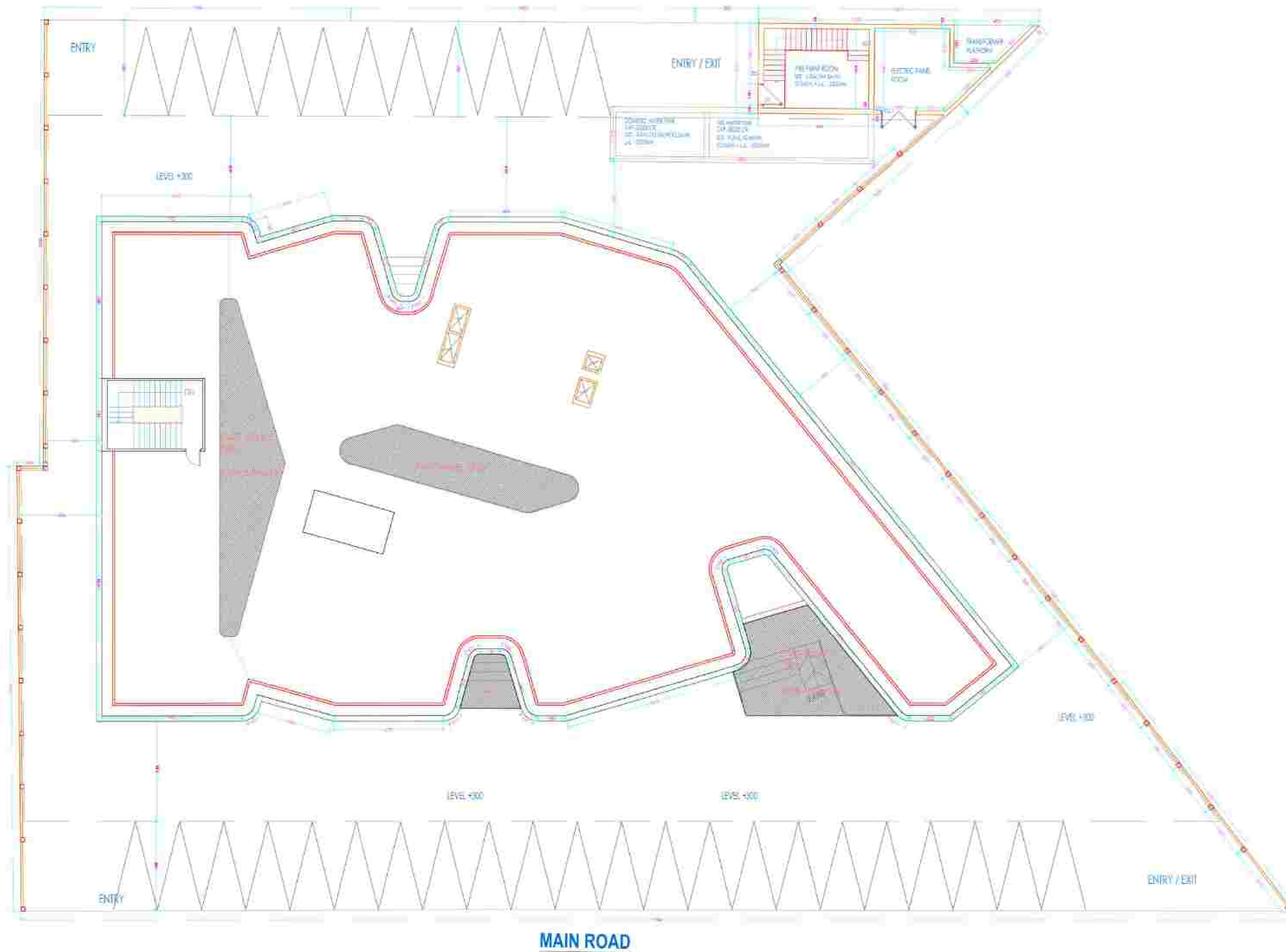
  

| REVISION INDEX |                                        |
|----------------|----------------------------------------|
| DRWING TITLE   | AREA STATEMENT                         |
| CLIENT         |                                        |
| DATE           | 22.07.2023                             |
| DRN            | MAKESH                                 |
| CHKD           | MAKESH                                 |
| SCALE          | AS SHOWN                               |
| ISSUED BY      | MAKESH                                 |
| DRAWING NO.    | DR/ELT/ARCH/07/03                      |
| SHEET NO.      | 1/1                                    |
| PROJECT        | TRANSPORT NAGAR, SHOPPING COMPLEX, BDA |
| CONSULTANT     | TECHMECH                               |

**TECHMECH INTERNATIONAL PVT. LTD.**  
 Corp Office: " B.M. Kumar " 92, Civil Lines, Meerut-200001.  
 Cell: 9826913864      Cell: 9826913864  
 Pin: 201121-4014700 (20 Lines) / Fax: 2011-21-4014720  
 Email: ctyline@techmech.com / architect@techmech.com  
 www.techmech.co.in

## SITE PLAN



### S.NO. DOOR WINDOW SCHEDULE

| S.NO. | DOORS      | SIZE        |
|-------|------------|-------------|
| 01    | ROUND DOOR | 2000 X 1000 |
| 02    | ROUND DOOR | 2000 X 1000 |
| 03    | ROUND DOOR | 1500 X 1000 |
| 04    | ROUND DOOR | 1500 X 1000 |
| 05    | ROUND DOOR | 1500 X 1000 |
| 06    | ROUND DOOR | 1500 X 1000 |
| 07    | ROUND DOOR | 1500 X 1000 |
| 08    | ROUND DOOR | 1500 X 1000 |
| 09    | ROUND DOOR | 1500 X 1000 |
| 10    | ROUND DOOR | 1500 X 1000 |

### AREA STATEMENT

- LAND AREA AFTER WORK ORDER = 2771.1 SQ.MTR.
- PERMISSIBLE GROUND COVERAGE = 32% (1268.3 SQ.M)
- PROPOSED PLUSH AREA @ GROUND FLOOR = 129.72 SQ.M
- PROPOSED GROUND COVERAGE = 1109.78 SQ.M
- GROUND FLOOR SUPER BUILT UP AREA = 1124.28 SQ.M (COVERED = 1014.8 SQ.M ; UNCOVERED = 11.48 SQ.M)
- FIRST FLOOR SUPER BUILT UP AREA = 1014.80 SQ.M
- SECOND FLOOR SUPER BUILT UP AREA = 1014.80 SQ.M
- TOTAL AREA = 3188.38 SQ.M
- FAR USED = 1.14
- EXEMPTED AREA @ SERVICE AREA = STAIRCASE = 39.2 x 3.00m (service) = 117.6 sqm + 3 (step) x 0.3 = 22.5 SQ.M
- TOTAL AREA AFTER EXEMPTION = 2988.7 SQ.M
- HT OF THE BUILDING = 10.450 M
- COVERED AREA REQUIRED = (2988.7 SQ.M / 100) x 1.2 = 35.86 SQ.M
- AREA REQUIRED = 15 X 13.32 = 200.10 SQ.M
- AREA GIVEN = 60.10 SQ.M
- SERVICE & CCK (PPE PUMP RM + ELEC RM) = 10.10 SQ.M

- NOTES:**  
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- A GFC set to be made while execution as per actuals.
  - CONTRACTOR TO CHECK AND VERIFY ALL DIMENSIONS BEFORE EXECUTION OF THE WORK.
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  - FOR ALL STRUCTURAL ELEMENTS LIKE BEAMS, COLUMNS, FB, LINTEL, ETC. REFER STRUCTURAL DRAWING IN RESPECTIVE OF WHAT EVER SHOWN NOT SHOWN IN ARCH DRAWING.
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  - ma
  - ANY DISCREPANCIES IN DWG. IF FOUND SHALL BE BROUGHT IN THE VIEW OF ARCHITECT.
  - SUITABLE LOCATION WITH CAPACITY OF ALL THE OVERHEAD SERVICE TANK TO BE MARKED ON ROOF PLAN. RAISED PLATFORM WITH WATERPROOFING SHALL ALSO BE PROVIDED FOR SUPPORT OF SERVICE TANK.
  - ELECTRIC PANEL AND FIRE PUMP ROOM TO BE DETAILED AS PER DETAILS GIVEN BY MEP CONSULTANT.

| REV. | DESCRIPTION                                 | DATE     | ISSD. | CHKD. |
|------|---------------------------------------------|----------|-------|-------|
| 01   | Revision for building Services incorporated | 22.07.23 | ✓     | ✓     |
| 02   | Building adjusted for setback constraints   | 13.08.23 | ✓     | ✓     |

### REVISION INDEX

DRAWING TITLE = **SITE PLAN**

CLIENT =

|             |                 |           |     |
|-------------|-----------------|-----------|-----|
| DATE        | 22.04.2024      | STAMP     |     |
| DRN         | ARCHIT          |           |     |
| CHKD        | ARCHIT          |           |     |
| SCALE       | 1:500           |           |     |
| ISSUED BY   | ARCHIT          |           |     |
| DRAWING NO. | 01/24/ARCHIT/01 | SHEET NO. | 1/1 |

PROJECT =

CONSULTANT = **TECHMECH**  
TECHMECH INTERNATIONAL PVT. LTD.  
Corp Office: 1, B.M. Kulkarni, 92, Civil Lines, Meerut-200001.  
Call: 9896912894 Call: 9896912894  
Pin: 201001-4014700 (20 Lines) | Fax: 201001-4014720  
Email: c/s@techmech.co.in / arch@techmech.co.in  
www.techmech.co.in

# GROUND FLOOR PLAN



| S.NO. | DOOR WINDOW SCHEDULE | SIZE        |
|-------|----------------------|-------------|
| 01    | ROUND DOOR           | 2000 X 1000 |
| 02    | ROUND DOOR           | 2000 X 1000 |
| 03    | ROUND DOOR           | 2000 X 1000 |
| 04    | ROUND DOOR           | 2000 X 1000 |
| 05    | ROUND DOOR           | 2000 X 1000 |
| 06    | ROUND DOOR           | 2000 X 1000 |
| 07    | ROUND DOOR           | 2000 X 1000 |
| 08    | ROUND DOOR           | 2000 X 1000 |
| 09    | ROUND DOOR           | 2000 X 1000 |
| 10    | ROUND DOOR           | 2000 X 1000 |
| 11    | ROUND DOOR           | 2000 X 1000 |
| 12    | ROUND DOOR           | 2000 X 1000 |
| 13    | ROUND DOOR           | 2000 X 1000 |
| 14    | ROUND DOOR           | 2000 X 1000 |
| 15    | ROUND DOOR           | 2000 X 1000 |
| 16    | ROUND DOOR           | 2000 X 1000 |
| 17    | ROUND DOOR           | 2000 X 1000 |
| 18    | ROUND DOOR           | 2000 X 1000 |
| 19    | ROUND DOOR           | 2000 X 1000 |
| 20    | ROUND DOOR           | 2000 X 1000 |
| 21    | ROUND DOOR           | 2000 X 1000 |
| 22    | ROUND DOOR           | 2000 X 1000 |
| 23    | ROUND DOOR           | 2000 X 1000 |
| 24    | ROUND DOOR           | 2000 X 1000 |
| 25    | ROUND DOOR           | 2000 X 1000 |
| 26    | ROUND DOOR           | 2000 X 1000 |
| 27    | ROUND DOOR           | 2000 X 1000 |
| 28    | ROUND DOOR           | 2000 X 1000 |
| 29    | ROUND DOOR           | 2000 X 1000 |
| 30    | ROUND DOOR           | 2000 X 1000 |
| 31    | ROUND DOOR           | 2000 X 1000 |
| 32    | ROUND DOOR           | 2000 X 1000 |

| AREA STATEMENT |                                                   |                                                                        |  |  |
|----------------|---------------------------------------------------|------------------------------------------------------------------------|--|--|
| •              | LAND AREA AFTER WORK ORDER                        | = 2771.1 SQMTR                                                         |  |  |
| •              | PERMISSIBLE GROUND COVERAGE                       | = 328.1 (1205.3 SQM)                                                   |  |  |
| •              | PROPOSED PLANT AREA @ GROUND FLOOR                | = 129.72 SQM                                                           |  |  |
| •              | PROPOSED GROUND COVERAGE                          | = 1199.78 SQM                                                          |  |  |
| •              | GROUND FLOOR SUPER BUILT UP AREA                  | = 1124.28 SQM                                                          |  |  |
| •              | (COVERED) - 1014.8 SQM ; (UNCOVERED) - 109.48 SQM |                                                                        |  |  |
| •              | FIRST FLOOR SUPER BUILT UP AREA                   | = 1014.80 SQM                                                          |  |  |
| •              | SECOND FLOOR SUPER BUILT UP AREA                  | = 1014.80 SQM                                                          |  |  |
| •              | TOTAL AREA                                        | = 3129.38 SQM                                                          |  |  |
| •              | FAR USED                                          | = 1.14                                                                 |  |  |
| •              | EXEMPTED AREA @ SERVICE AREA - STAIRCASE          | = 39.2 x 3.30m (Service) = 129.36 sqm + 3 (Gate) x 3 (Gate) = 22.5 SQM |  |  |
| •              | TOTAL AREA AFTER EXEMPTION                        | = 2987.7 SQM                                                           |  |  |
| •              | HT OF THE BUILDING                                | = 10.450 MMS                                                           |  |  |
| •              | COVERED AREA REQUIRED                             | = (2987.7 SQM / 100) x 1.3 = 3884.21 SQM                               |  |  |
| •              | AREA REQUIRED                                     | = 15 X 13.32 = 200.16 SQM                                              |  |  |
| •              | AREA GIVEN                                        | = 601.10 SQM                                                           |  |  |
| •              | SERVICE & CCK (PPE PUMP RM + ELEC RM) = 10.10 SQM |                                                                        |  |  |

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9. SUITABLE LOCATION WITH CAPACITY OF ALL THE OVERHEAD SERVICE TANK TO BE MARKED ON ROOF PLAN. RAISED PLATFORM WITH WATERPROOFING SHALL ALSO BE PROVIDED FOR SUPPORT OF SERVICE TANK.
10. ELECTRIC PANEL AND FIRE PUMP ROOM TO BE DETAILD AS PER DETAILS GIVEN BY MEP CONSULTANT.

| REV. | DESCRIPTION                                 | DATE     | ISSD. | CHKD. |
|------|---------------------------------------------|----------|-------|-------|
| 01   | Revision for building Services incorporated | 22.07.23 | ✓     | ✓     |
| 02   | Building acquired for selfback construction | 13.07.23 | ✓     | ✓     |

| REVISION INDEX                                                |                 |           |     |  |
|---------------------------------------------------------------|-----------------|-----------|-----|--|
| DRAWING TITLE - GROUND FLOOR PLAN                             |                 |           |     |  |
| CLIENT -                                                      |                 |           |     |  |
| DATE                                                          | 22.04.2024      | STAMP     |     |  |
| DRN                                                           | ARCHIT          |           |     |  |
| CHKD                                                          | ARCHIT          |           |     |  |
| SCALE                                                         | AS SHOWN        |           |     |  |
| ISSUED BY                                                     | ARCHIT          |           |     |  |
| DRAWING NO.                                                   | 03/24/ARCH/01/5 | SHEET NO. | 1/5 |  |
| PROJECT -                                                     |                 |           |     |  |
| CONSULTANT - TECHMECH                                         |                 |           |     |  |
| TECHMECH INTERNATIONAL PVT. LTD.                              |                 |           |     |  |
| Corp Office - 1, B.M. Kumar - 92, Civil Lines, Meerut-200001. |                 |           |     |  |
| Cell: 9826912894 Cell: 9826912894                             |                 |           |     |  |
| Pin: 201121-4014700 (20 Lines)   Fax: 201121-4014720          |                 |           |     |  |
| Email: civil@techmech.co.in / arch@techmech.co.in             |                 |           |     |  |
| www.techmech.co.in                                            |                 |           |     |  |

# FIRST FLOOR PLAN



| S.NO. | DOOR WINDOW SCHEDULE | SIZE        |
|-------|----------------------|-------------|
| 01    | DOOR                 | 2000 X 1000 |
| 02    | DOOR                 | 2000 X 1000 |
| 03    | DOOR                 | 2000 X 1000 |
| 04    | DOOR                 | 2000 X 1000 |
| 05    | DOOR                 | 2000 X 1000 |
| 06    | DOOR                 | 2000 X 1000 |
| 07    | DOOR                 | 2000 X 1000 |
| 08    | DOOR                 | 2000 X 1000 |
| 09    | DOOR                 | 2000 X 1000 |
| 10    | DOOR                 | 2000 X 1000 |
| 11    | DOOR                 | 2000 X 1000 |
| 12    | DOOR                 | 2000 X 1000 |
| 13    | DOOR                 | 2000 X 1000 |
| 14    | DOOR                 | 2000 X 1000 |
| 15    | DOOR                 | 2000 X 1000 |
| 16    | DOOR                 | 2000 X 1000 |
| 17    | DOOR                 | 2000 X 1000 |
| 18    | DOOR                 | 2000 X 1000 |
| 19    | DOOR                 | 2000 X 1000 |
| 20    | DOOR                 | 2000 X 1000 |
| 21    | DOOR                 | 2000 X 1000 |
| 22    | DOOR                 | 2000 X 1000 |
| 23    | DOOR                 | 2000 X 1000 |
| 24    | DOOR                 | 2000 X 1000 |
| 25    | DOOR                 | 2000 X 1000 |
| 26    | DOOR                 | 2000 X 1000 |
| 27    | DOOR                 | 2000 X 1000 |
| 28    | DOOR                 | 2000 X 1000 |
| 29    | DOOR                 | 2000 X 1000 |
| 30    | DOOR                 | 2000 X 1000 |
| 31    | DOOR                 | 2000 X 1000 |
| 32    | DOOR                 | 2000 X 1000 |
| 33    | DOOR                 | 2000 X 1000 |

## AREA STATEMENT

- LAND AREA AFTER WORKSORDER = 2771.1 SQMTR
- PERMISSIBLE GROUND COVERAGE = 32% (1265.3 SQM)
- PROPOSED PLUSH AREA @ GROUND FLOOR = 129.72 SQM
- PROPOSED GROUND COVERAGE = 1129.72 SQM
- GROUND FLOOR SUPER BUILT UP AREA = 1129.72 SQM (COVERED = 101.48 SQM ; UNCOVERED = 11.28 SQM)
- FIRST FLOOR SUPER BUILT UP AREA = 1014.80 SQM
- SECOND FLOOR SUPER BUILT UP AREA = 1014.80 SQM
- TOTAL AREA = 3189.32 SQM
- FAR USED = 1.14
- EXEMPTED AREA @ SERVICE AREA = STAYCASE = 30.2 x 3.00m (service) = 90.6 sqm + 3 (step) x 3 = 22.5 SQM
- TOTAL AREA AFTER EXEMPTION = 2888.7 SQM
- HT OF THE BUILDING = 10.450 MMS
- COVER PARKING REQUIREMENT = (2888.7 SQM / 100) x 1.2 = 34.6644 = 35 CARS
- AREA REQUIRED = 15 X 13.32 = 200.10 SQM
- AREA GIVEN = 60.10 SQM
- SERVICE & CCK (PPE PUMP RM + ELEC RM) = 10.10 SQM

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| REV. | DESCRIPTION                                 | DATE     | ISSD. | CHKD. |
|------|---------------------------------------------|----------|-------|-------|
| 01   | Revision for building Services incorporated | 22.07.23 | ✓     | ✓     |
| 02   | Building adjusted for setback consultation  | 13.08.23 | ✓     | ✓     |

## REVISION INDEX

DRAWING TITLE: **FIRST FLOOR PLAN**

CLIENT: **TECHMECH**

|             |                  |           |    |
|-------------|------------------|-----------|----|
| DATE        | 21.04.2024       | STAMP     |    |
| DRN         | 10/07/23         |           |    |
| CHKD        | 10/07/23         |           |    |
| SCALE       | 1:100            |           |    |
| ISSUED BY   | ARCHITECT        |           |    |
| DRAWING NO. | 03/01/ARCH/07/23 | SHEET NO. | 01 |
| PROJECT     |                  |           |    |

CONSULTANT: **TECHMECH**

**TECHMECH INTERNATIONAL PVT. LTD.**

Corp Office: 7, B.M. Kumar - 92, Civil Lines, Meerut-250001.  
 Call: 9826913894 Call: 9826913894  
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 Email: c/o/it@techmech.co.in / architect@techmech.co.in  
 www.techmech.co.in

Q. 2



## AREA STATEMENT

- LAND AREA AS PER WORK ORDER = 2771.1 SQ.MTR.
- PERMISSIBLE GROUND COVERAGE = 50% (1385.5 SQ.M)
- PROPOSED PLINTH AREA @ GROUND FLOOR = 1129.72 SQ.M
- PROPOSED GROUND COVERAGE = 1129.72 SQ.M
- GROUND FLOOR SUPER BUILT UP AREA = 1129.72 SQ.M  
(COVERED = 1014.85 SQ.M ; UNCOVERED = 114.86 SQ.M)
- FIRST FLOOR SUPER BUILT UP AREA = 1014.85 SQ.M
- SECOND FLOOR SUPER BUILT UP AREA = 1014.85 SQ.M
- TOTAL AREA = 3159.38 SQ.M
- FAR USED = 1.14
- EXEMPTED AREA @ SERVICE AREA = 540 CARPARK  
(30 x 3 Room (service) + 30 x 8 x 3 (stor) + 12)  
= 2541.2 SQ.M
- TOTAL AREA AFTER EXEMPTION = 2618.17 SQ.M
- HT OF THE BUILDING = 14.25 M.M
- GRS PARKING REQUIRE = (2771.1 SQ.M / 160) x 1.2 = 20.95 x 1 = 42 CARS
- AREA REQUIRED = 45 X 13.25 = 593.75 SQ.M
- AREA GIVEN = 601 SQ.M
- SERVICE BLOCK (PDB PUMP RM + ELEC RM) = 101 SQ.M

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|      |                                             |          |       |       |
|------|---------------------------------------------|----------|-------|-------|
| TR   |                                             |          |       |       |
| TR   | Revision for building services incorporated | 22.07.22 | ✓     | ✓     |
| R1   | Building adjusted for setback constraints   | 13.08.22 | ✓     | ✓     |
| REV. | DESCRIPTION                                 | DATE     | ISSD. | CHKD. |

|                 |
|-----------------|
| REVISION INDEX: |
|                 |

DRAWING TITLE: **SECOND FLOOR PLAN**

Client

|                    |              |                                                                                       |
|--------------------|--------------|---------------------------------------------------------------------------------------|
| DATE               | 21-04-2024   |  |
| DRN                | 444079       |                                                                                       |
| CHKD               | Libani       |                                                                                       |
| SCALE<br>ISSUED BY | SPN/CR/10/23 |                                                                                       |

|                                |                |
|--------------------------------|----------------|
| DRAWING NO. - 04/2017-07-07-03 | SHEET NO. - 47 |
| PROJECT :                      |                |

CONSULTANT

 **TECHMECH**

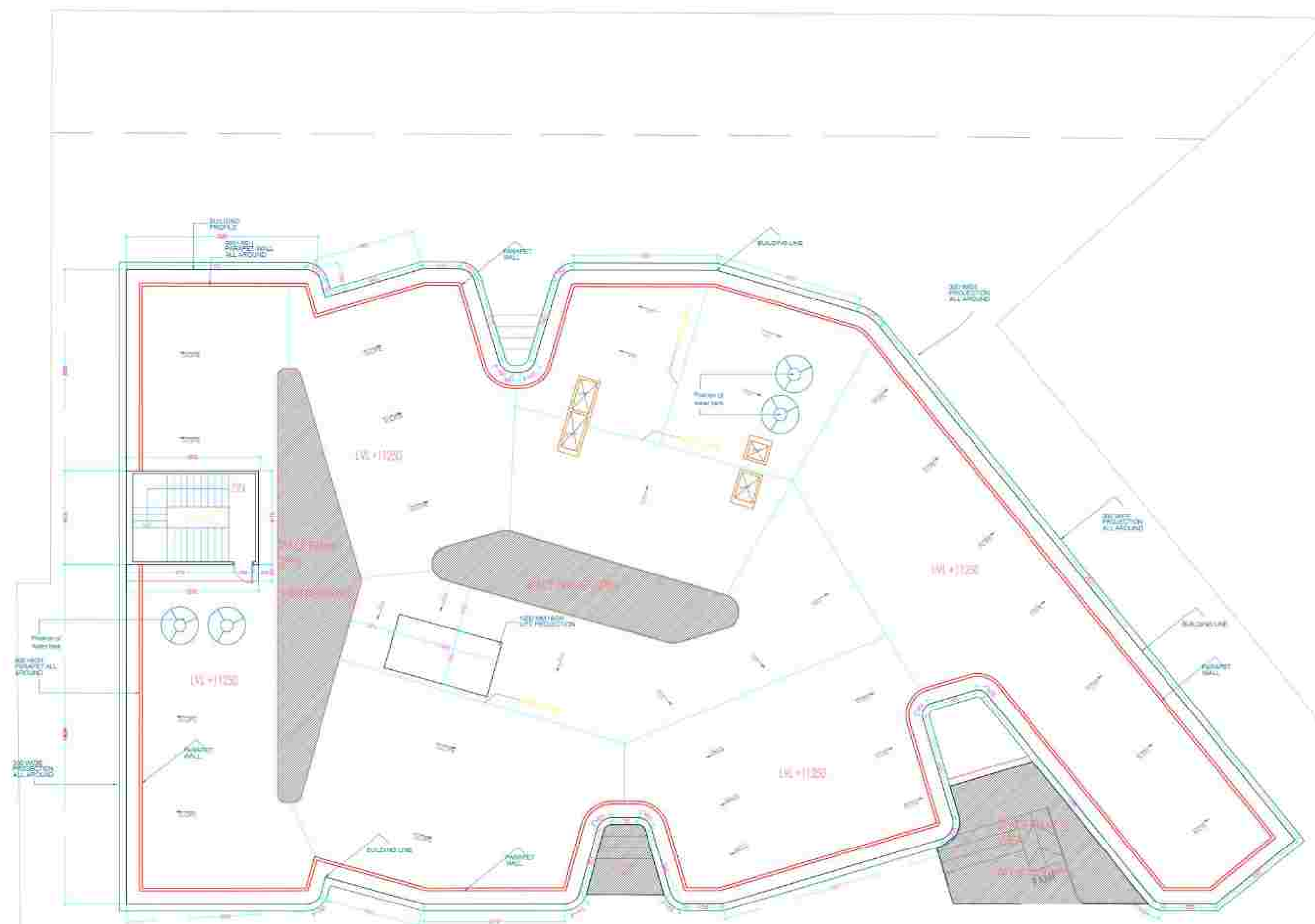
**TECHMECH INTERNATIONAL PVT. LTD.**

Corp Office: "B.M. Kulkarni" - 92, Civil Lines, Meerut-250001  
Cell: 9808913501

Phn: +91-12-14-141470 / 141471 / Fax: +91-12-14-141470

E-mail: [sales@techmech.co.in](mailto:sales@techmech.co.in) / [architect@techmech.co.in](mailto:architect@techmech.co.in)  
[www.techmech.co.in](http://www.techmech.co.in)

### TERRACE FLOOR PLAN



| S.NO. | DOOR WINDOW SCHEDULE |             |
|-------|----------------------|-------------|
|       | DOORS                | SIZE        |
| 01    | WOODEN DOOR          | 1000 X 2000 |
| 02    | WOODEN DOOR          | 2000 X 2000 |
| 03    | WOODEN DOOR          | 1000 X 2000 |
| 04    | WOODEN DOOR          | 1000 X 2000 |
| 05    | WOODEN DOOR          | 1000 X 2000 |
| 06    | WOODEN DOOR          | 1000 X 2000 |
| 07    | WOODEN DOOR          | 1000 X 2000 |
| 08    | WOODEN DOOR          | 1000 X 2000 |
| 09    | WOODEN DOOR          | 1000 X 2000 |
| 10    | WOODEN DOOR          | 1000 X 2000 |
| 11    | WOODEN DOOR          | 1000 X 2000 |
| 12    | WOODEN DOOR          | 1000 X 2000 |
| 13    | WOODEN DOOR          | 1000 X 2000 |
| 14    | WOODEN DOOR          | 1000 X 2000 |
| 15    | WOODEN DOOR          | 1000 X 2000 |
| 16    | WOODEN DOOR          | 1000 X 2000 |
| 17    | WOODEN DOOR          | 1000 X 2000 |
| 18    | WOODEN DOOR          | 1000 X 2000 |
| 19    | WOODEN DOOR          | 1000 X 2000 |
| 20    | WOODEN DOOR          | 1000 X 2000 |
| 21    | WOODEN DOOR          | 1000 X 2000 |
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| 96    | WOODEN DOOR          | 1000 X 2000 |
| 97    | WOODEN DOOR          | 1000 X 2000 |
| 98    | WOODEN DOOR          | 1000 X 2000 |
| 99    |                      |             |

## AREA STATEMENT

- LAND AREA AFTER WORK ORDER = 2771.1 SQ.MTR.
- PERMISSIBLE GROUND COVERAGE = 30% (1000.3 SQ.M)
- PROMPTED PUNCH AREA @ GROUND FLOOR = 129.72 SQ.M
- PROPOSED GROUND COVERAGE = 1129.72 SQ.M
- GROUND FLOOR SURT BUILT UP AREA = 1014.6 SQ.M  
(COVERED - 1014.6 SQ.M ; UNCOVERED - 14.38 SQ.M)
- FIRST FLOOR SUPER BUILT UP AREA = 1014.6 SQ.M
- SECOND FLOOR SUPER BUILT UP AREA = 1014.6 SQ.M
- TOTAL AREA = 3149.32 SQ.M
- FAIR USED = 1/14
- EXEMPTED AREA @ SERVICE AREA = STAIRCASE,  
3P.2 x 3.5m (service) + 2P.8 x 3.5 (step) x 1/2  
= 22.412 SQ.M
- TOTAL AREA AFTER EXEMPTION = 2926.7 SQ.M
- MT OF THE BUILDING = 245.5 MM
- CAR PARKING REQUIRED = (2926.7 SQ.M / 100) x 1.3 =  
48.05 x 1 = 48 CARS
- AREA REQUIRED = 45 x 113.2 = 5138.2 SQ.M
- AREA GIVEN = 402 SQ.M
- SERVICE & CDD (PER PUMP RM + ELEC RM) = 101.03

**NOTES:**  
This is not a Good for construction doc. The drawing here only depicts in clarity, all the architectural elements of the building.

1. A GFC test to be made while execution as per actuals.
2. CONTRACTOR TO CHECK AND VERIFY ALL DIMENSIONS BEFORE EXECUTION OF THE WORK.
3. FIGURED DIMENSIONS SHALL BE FOLLOWED
4. ALL DIMENSIONS ARE GIVEN IN MILLIMETRES UNLESS OTHERWISE SPECIFIED
5. FOR ALL STRUCTURAL ELEMENTS LIKE BEAMS, COLUMNS, P.E. UNTEL ETC REFER STRUCTURAL DRAWING IN RESPECTIVE OF WHAT EVER SHOWN NOT SHOWN IN ARCH. DRAWING.
6. THE EXECUTIVE AUTHORITY SHALL CHECK THIS DRO BEFORE TAKING EXECUTION IN HAND
7. m2
8. ANY DISCREPANCIES IN DWG. IF FOUND SHALL BE BROUGHT IN THE VIEW OF ARCHITECT.
9. SUITABLE LOCATION WITH CAPACITY OF ALL THE OVERHEAD SERVICE TANK TO BE MARKED ON ROOF PLAN. RAISED PLATFORM WITH WATERPROOFING SHALL ALSO BE PROVIDED FOR SUPPORT OF SERVICE TANK.
10. ELECTRIC PANEL AND FIRE PUMP ROOM TO BE DETAILED AS PER DETAILS GIVEN BY MEP CONSULTANT

|      |                                             |          |      |      |
|------|---------------------------------------------|----------|------|------|
| 113  |                                             |          |      |      |
| 114  | Revision for building Services incorporated | 22.07.20 | ✓    | ✓    |
| 115  | Building adjusted for setback constraints   | 13.08.22 | ✓    | ✓    |
| REV. | DESCRIPTION                                 | DATE     | ISSD | CHKD |

## REVISION INDEX

DRAWING TITLE: **ROOF PLAN**

CLB

|      |           |
|------|-----------|
| DATE | 3/24/2011 |
|------|-----------|

DRN

CHKE

**SCALE**

ISSUED BY:                       
DRAWING NO:                     

PROJECT

CONSULTANT

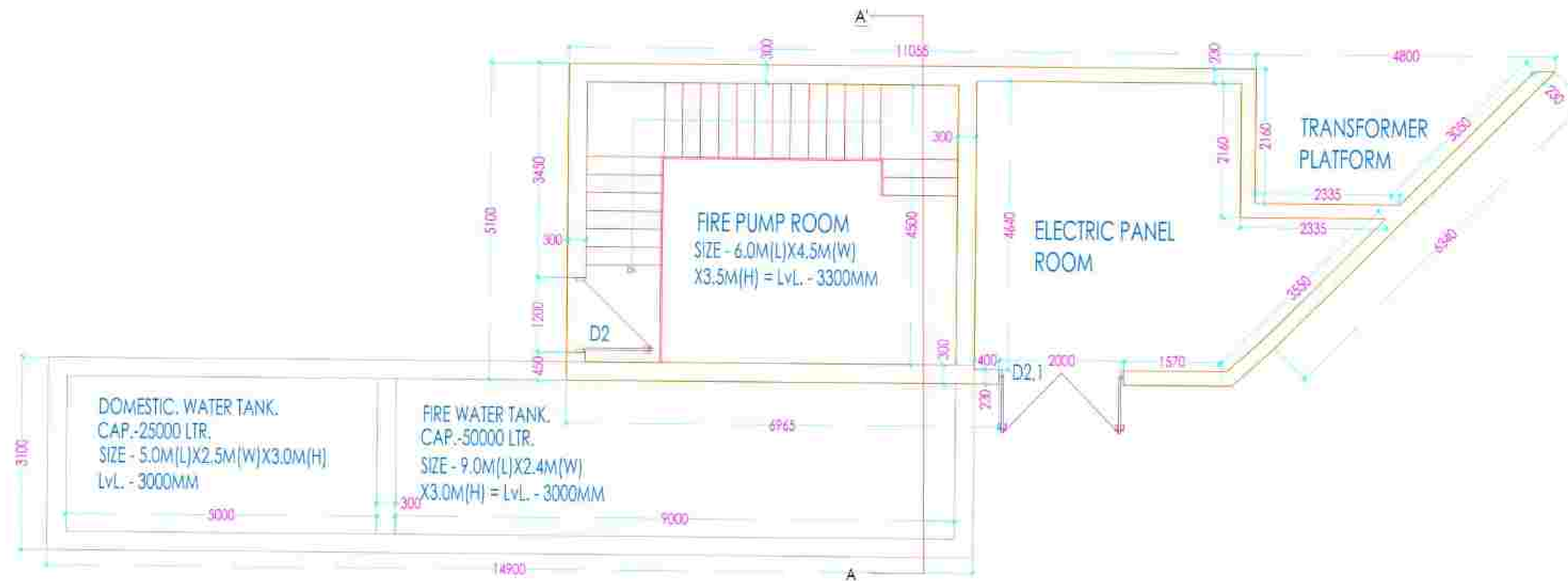


TECHMECH INTERNATIONAL PVT. LTD.

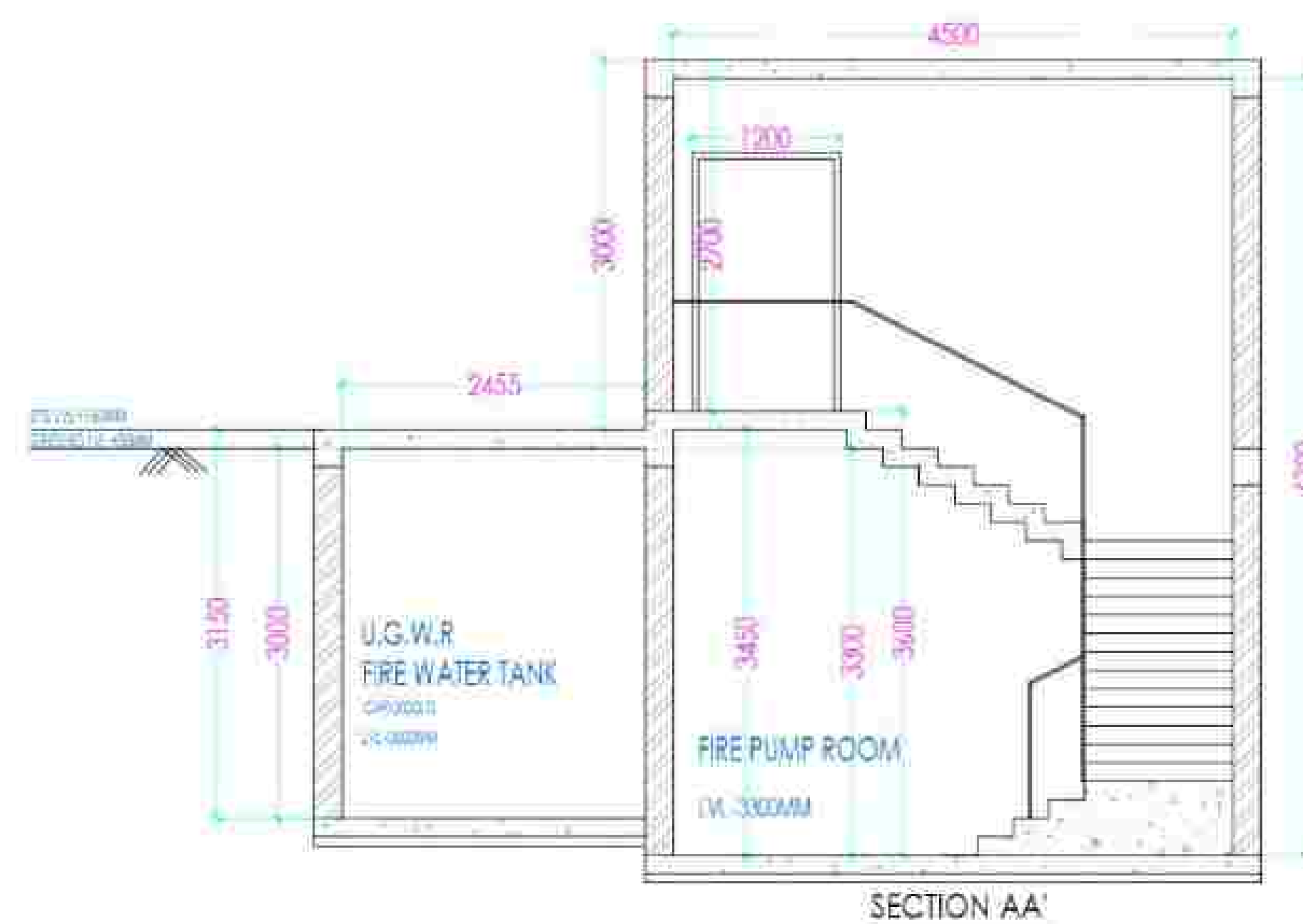
Corp Office: 111 M. Kuttam, 92, Civil Lines, Meerut-250001

Call: 8626813884  
FAX: +91-121-4014750 (20 Lines) | E-mail: +91-121-4014750

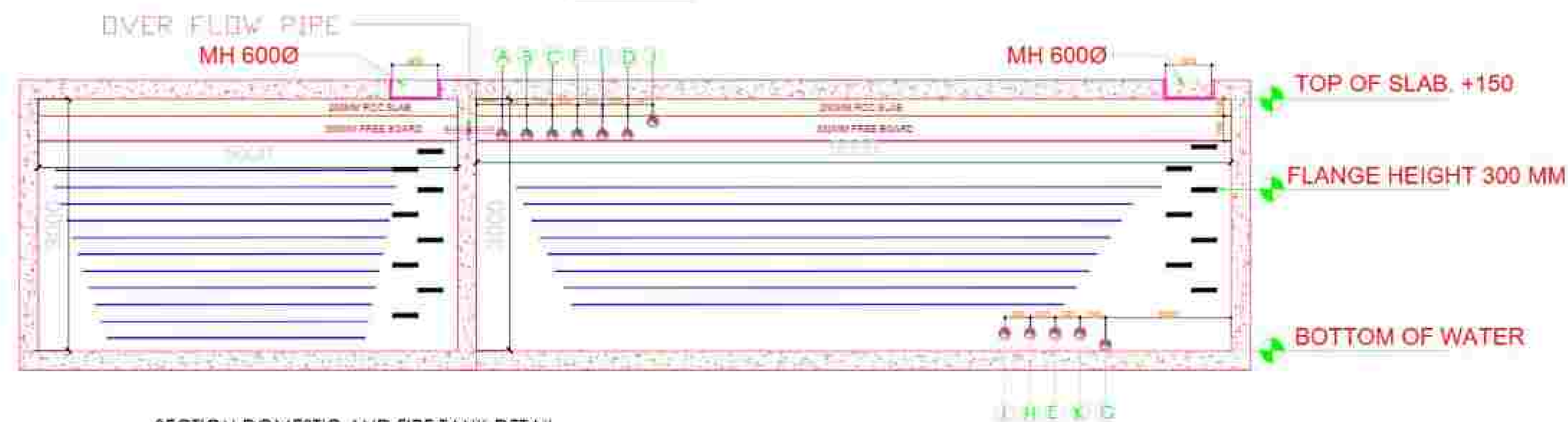
Email: [sylline@leachresearch.co.uk](mailto:sylline@leachresearch.co.uk) / [architect@leachresearch.co.uk](mailto:architect@leachresearch.co.uk)  
[www.leachresearch.co.uk](http://www.leachresearch.co.uk)



PLAN OF PUMP ROOM & UGWR



SECTION AA'



SECTION DOMESTIC AND FIRE TANK DETAIL

| SCHEDULE OF PIPE INSERTS |                                              |             |              |
|--------------------------|----------------------------------------------|-------------|--------------|
| SYMBOL                   | DESCRIPTION                                  | DIA OF PIPE | LVL IN B.O.P |
| A                        | FIRE BRIGADE INLET CONNECTION                | 150Ø        | (+3200)      |
| B                        | FIRE BRIGADE DRAW OUTLET CONNECTION          | 150Ø        | (+3200)      |
| C                        | INLET CONNECTION FROM TUBE WLL MUNICIPAL     | 80Ø         | (+3200)      |
| D                        | WATER LEVEL INDICATOR (TOP LEVEL)            | 25Ø         | (+3200)      |
| E                        | WATER LEVEL INDICATOR (BOTTOM LEVEL)         | 25Ø         | (+32100)     |
| F                        | WATER LEVEL CONTROLLER                       | 50Ø         | (+3200)      |
| G                        | DRAIN PIPE FROM TANKS                        | 75Ø         | (+32200)     |
| H                        | SUCTION PIPE FROM FIRE TANK                  | 200Ø        | (+32100)     |
| I                        | TEST LINE FOR FIRE PUMPS TO FIRE TANK        | 150Ø        | (+3200)      |
| J                        | VENT PIPE                                    | 100Ø        | (+3200)      |
| K                        | OVER FLOW PIPE                               | 60Ø         | (+32100)     |
| L                        | SUCTION PIPE TO DOMESTIC WATER TRANSFER PUMP | 60Ø         | (+32100)     |
| M                        | SPARE PIPE                                   | 100Ø        | (+32100)     |
| N                        | SPARE PIPE                                   | 80Ø         | (+32100)     |



| S.NO. | DOOR WINDOW SCHEDULE |             |
|-------|----------------------|-------------|
|       | DOORS                | SIZE        |
| 01    | ROUND WINDOW         | 2000 X 1000 |
| 02    | ROUND WINDOW         | 1200 X 600  |
| 03    | ROUND WINDOW         | 1000 X 600  |
| 04    | ROUND WINDOW         | 800 X 600   |
| 05    | ROUND WINDOW         | 600 X 600   |
| 06    | ROUND WINDOW         | 400 X 600   |
| 07    | ROUND WINDOW         | 200 X 600   |
| 08    | ROUND WINDOW         | 100 X 600   |
| 09    | ROUND WINDOW         | 50 X 600    |
| 10    | ROUND WINDOW         | 25 X 600    |

#### AREA STATEMENT

- LAND AREA AS PER WORK ORDER = 3221.11 SQMTR
- PERMISSIBLE GROUND COVERAGE = 50% (1610.55 SQM)
- PROPOSED FLOOR AREA @ GROUND FLOOR = 1129.78 SQM
- PROPOSED GROUND COVERAGE = 1129.78 SQM
- GROUND FLOOR SUPERBUILT UP AREA = 1129.78 SQM
- (COVERED = 1014.8 SQM / UNCOVERED = 114.98 SQM)
- FIRST FLOOR SUPERBUILT UP AREA = 1014.80 SQM
- SECOND FLOOR SUPERBUILT UP AREA = 1014.80 SQM
- TOTAL AREA = 3150.38 SQM
- FAR USED = 1.14
- EXEMPTED AREA @ SERVICE AREA - STAIRCASE - (20.2 x 3.0m) (60.6 sqm) = 60.6 sqm
- TOTAL AREA AFTER EXEMPTION = 3089.78 SQM
- HT OF THE BUILDING = 34.50 MM
- CAR PARKING REQUIRED = (2455.7 SQM / 7100) \* 1.5 = 44.92 = 45 CARS
- AREA REQUIRED = 45 X 10.75 = 483.75 SQM
- AREA GIVEN = 420 SQM

- NOTES:
- This is not a Good for construction drawing. The drawing here only depicts in clarity, all the architectural elements of the building.
- A GFC set to be made while execution as per actuals.
  - CONTRACTOR TO CHECK AND VERIFY ALL DIMENSIONS BEFORE EXECUTION OF THE WORK.
  - FIGURED DIMENSIONS SHALL BE FOLLOWED.
  - ALL DIMENSIONS ARE GIVEN IN MILLIMETRES UNLESS OTHERWISE SPECIFIED.
  - FOR ALL STRUCTURAL ELEMENTS LIKE BEAMS, COLUMNS, FB, LINTEL, ETC. REFER STRUCTURAL DRAWING IN RESPECTIVE OF WHAT EVER SHOWN NOT SHOWN IN ARCH DRAWING.
  - THE EXECUTIVE AUTHORITY SHALL CHECK THIS DRG BEFORE TAKING EXECUTION IN HAND.
  - ms
  - ANY DISCREPANCIES IN DWG. IF FOUND SHALL BE BROUGHT IN THE VIEW OF ARCHITECT.
  - SUITABLE LOCATION WITH CAPACITY OF ALL THE OVERHEAD SERVICE TANK TO BE MARKED ON ROOF PLAN. RAISED PLATFORM WITH WATERPROOFING SHALL ALSO BE PROVIDED FOR SUPPORT OF SERVICE TANK.
  - ELECTRIC PANEL AND FIRE PUMP ROOM TO BE DETAILED AS PER DETAILS GIVEN BY MEP CONSULTANT.

| REV. | DESCRIPTION                                 | DATE     | ISD. | CHKD. |
|------|---------------------------------------------|----------|------|-------|
| 01   | Revision for building services incorporated | 22.07.23 | ✓    | ✓     |
| 02   | Building adjusted for setback consultation  | 13.08.23 | ✓    | ✓     |

#### REVISION INDEX

DRAWING TITLE: SERVICE BLOCK DETAILS

CLIENT: /

|      |            |       |  |
|------|------------|-------|--|
| DATE | 21.04.2024 | STAMP |  |
| DRN  | 0004       |       |  |
| BY   | ARCHITECT  |       |  |

DRAWING NO: / SHEET NO: /

PROJECT: TRANSPORT NAGAR, SHOPPING COMPLEX, BDA

CONSULTANT: TECHMECH

TECHMECH INTERNATIONAL PVT. LTD.  
 Corp Office: B.M. Kumar - 92, Civil Lines, Meerut-200001.  
 Cell: 9869193914  
 Pin: 201121-4014720 | Fax: 201121-4014720  
 Email: c/o/it@techmech.co.in / architect@techmech.co.in  
 www.techmech.co.in

|                                   |  |  |
|-----------------------------------|--|--|
| Tech Mech International Pvt. Ltd. |  |  |
| 1. Project Name                   |  |  |
| 2. Project Location               |  |  |
| 3. Project Description            |  |  |
| 4. Project Status                 |  |  |
| 5. Project Manager                |  |  |
| 6. Project Engineer               |  |  |
| 7. Project Designer               |  |  |
| 8. Project Checker                |  |  |
| 9. Project Approver               |  |  |
| 10. Project Date                  |  |  |
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| 400. Project Status               |  |  |

Project Name

Project Location

Project Description

Project Status

Project Manager

Project Engineer

Project Designer

Project Checker

Project Approver

Project Date

Project Version

Project Revision

Project Status

Project Description

Project Location

Project Status

Project Description

Project Location

Project Status

Project Description

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SCHEDULE OF BOUNDARY WALL FOOTINGS

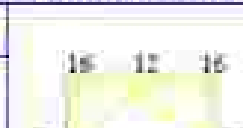
| FTG/MCD | DIMENSIONS |            | DEPTH<br>D<br>(mm) | BOTTOM REINFORCEMENT |              |
|---------|------------|------------|--------------------|----------------------|--------------|
|         | Lx<br>(mm) | Ly<br>(mm) |                    | MAIN BARS            | CROSS BARS   |
| F1      | 1000       | 1500       | 300                | 10@150mm/c           | 10@150mm c/c |
| F2      | 1200       | 1200       | 300                | 10@150mm/c           | 10@150mm c/c |
| F3      | 1000       | 1500       | 300                | 10@150mm/c           | 10@150mm c/c |
| F4      | 1000       | 2000       | 300                | 10@150mm/c           | 10@150mm c/c |

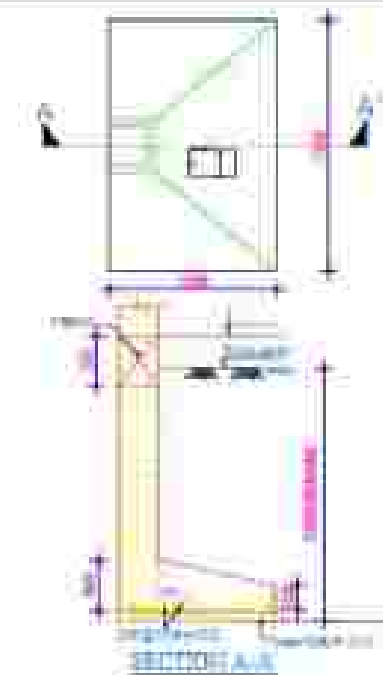
TYPICAL COLUMN ELEVATION

RING: A-B @ 150mm

GRADE OF CONC: M20

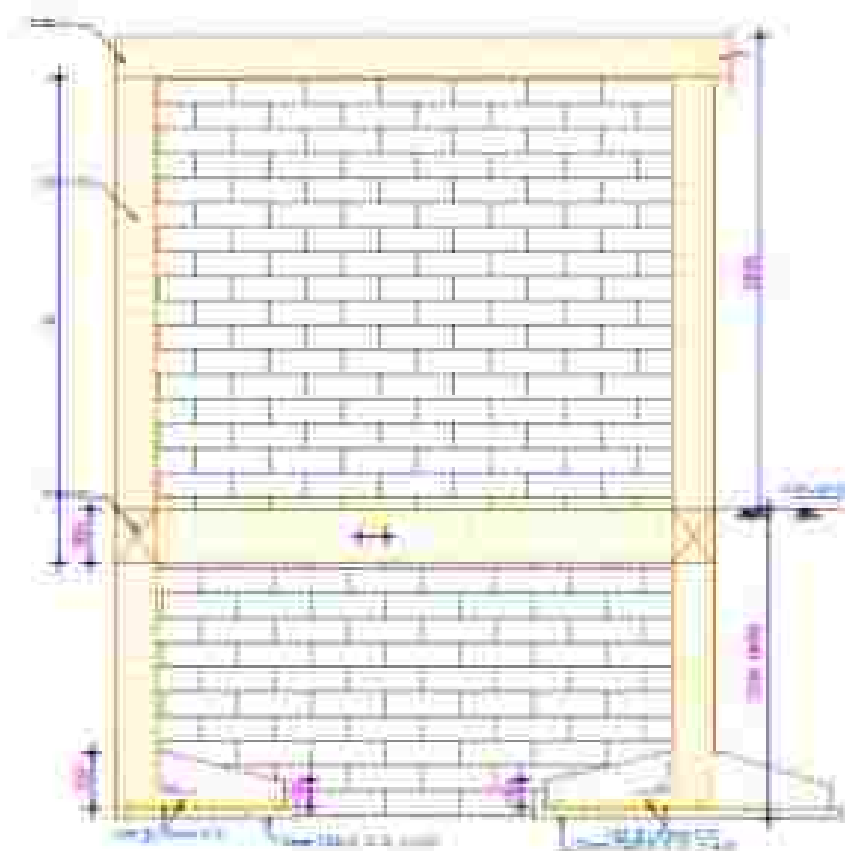
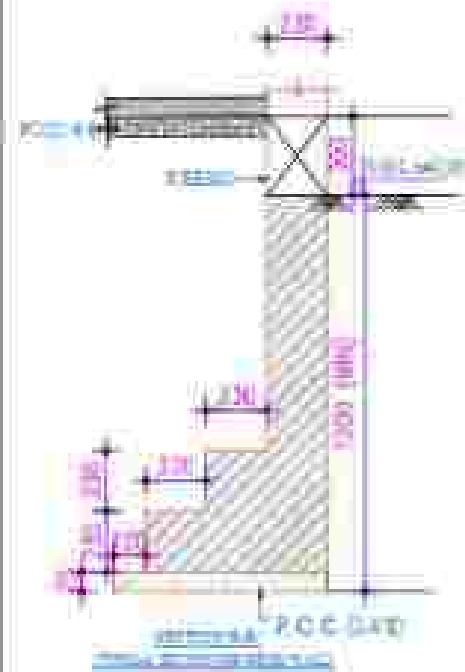
SCHEDULE OF COLUMNS

|                 |            |           |              |                                                                                     |
|-----------------|------------|-----------|--------------|-------------------------------------------------------------------------------------|
| BOUNDARY COLUMN | COLUMN NO. | SIZE      | 200X210      |  |
|                 |            | MAIN BARS | 4-16<br>4-12 |                                                                                     |
|                 |            |           |              |                                                                                     |
|                 |            | TIE       | 4E           |                                                                                     |
| COL. NO         |            | C         |              |                                                                                     |
| SIZE            |            | 200X210   |              |                                                                                     |

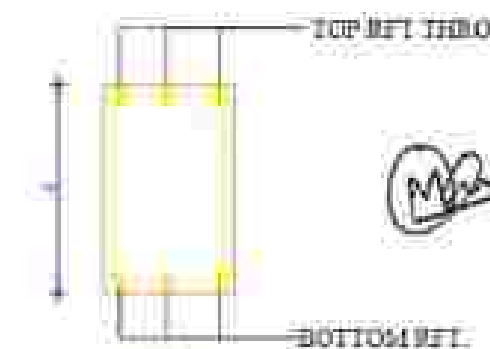
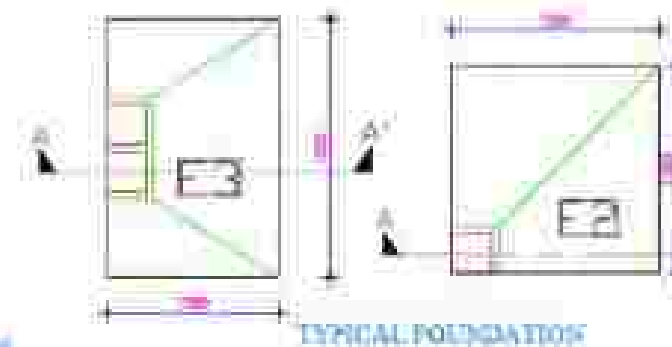
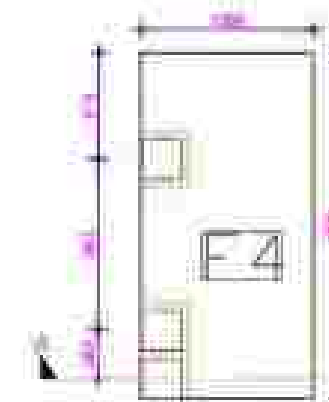


SCHEDULE FOR BEAMS

| BEAMS | SIZE |     | TOP RFT. | BOTTOM RFT. | RINGS        |
|-------|------|-----|----------|-------------|--------------|
|       | b    | d   |          |             |              |
| PB    | 230  | 300 | 3-12 #   | 3-12 #      | 8 # @150 C/C |
| TB    | 230  | 230 | 3-12 #   | 3-12 #      | 8 # @150 C/C |



GENERAL WALL ELEVATION



BEAM CROSS SECTION (mm)

Tech Mech International Pvt. Ltd.

|    |                                  |
|----|----------------------------------|
| 1  | DESIGN OF BOUNDARY WALL FOOTINGS |
| 2  | DESIGN OF BOUNDARY WALLS         |
| 3  | DESIGN OF BOUNDARY WALLS         |
| 4  | DESIGN OF BOUNDARY WALLS         |
| 5  | DESIGN OF BOUNDARY WALLS         |
| 6  | DESIGN OF BOUNDARY WALLS         |
| 7  | DESIGN OF BOUNDARY WALLS         |
| 8  | DESIGN OF BOUNDARY WALLS         |
| 9  | DESIGN OF BOUNDARY WALLS         |
| 10 | DESIGN OF BOUNDARY WALLS         |
| 11 | DESIGN OF BOUNDARY WALLS         |
| 12 | DESIGN OF BOUNDARY WALLS         |
| 13 | DESIGN OF BOUNDARY WALLS         |
| 14 | DESIGN OF BOUNDARY WALLS         |
| 15 | DESIGN OF BOUNDARY WALLS         |
| 16 | DESIGN OF BOUNDARY WALLS         |
| 17 | DESIGN OF BOUNDARY WALLS         |
| 18 | DESIGN OF BOUNDARY WALLS         |
| 19 | DESIGN OF BOUNDARY WALLS         |
| 20 | DESIGN OF BOUNDARY WALLS         |

COMMERCIAL BUILDING AT  
TRANSPORT NAGAR  
BULANDSHAHAR, UP

BOUNDARY WALL LAYOUT AND  
REINFORCEMENT DETAILS

DATE: 10/08/2024

DATE: 10/08/2024

DATE: 10/08/2024

DATE: 10/08/2024

DATE: 10/08/2024

## GROUND FLOOR PLAN



### AREA STATEMENT

- LAND AREA AS PER WORK ORDER = 2771.10 SQM
- PERMITTED GROUND COVERAGE = 87% (1386.9 SQM)
- PROPOSED FLYING AREA & GROUND FLOOR = 1127.75 SQM
- PROPOSED GROUND COVERAGE = 1127.75 SQM
- GROUND FLOOR SUPER BUILT UP AREA = 1127.75 SQM  
(COVERED = 1014.80 SQM / UNCOVERED = 112.95 SQM)
- FIRST FLOOR SUPER BUILT UP AREA = 1014.80 SQM
- SECOND FLOOR SUPER BUILT UP AREA = 1014.80 SQM
- TOTAL AREA = 3157.30 SQM
- FAR USED = 1.34
- EQUIPPED AREA & SERVICE AREA & STAIRCASE:  
30.00 x 3.00m (Service) = 90.00 sqm + 2.00m x 14.00m = 28.00 sqm
- TOTAL AREA AFTER EXEMPTION = 2967.30 SQM
- MT OF THE BUILDING = 10480 MM
- CAR PARKING REQUIRED = 2967.30 SQM / 100 (1:1) = 29.67 = 44.75 (1:1) = 45 CARS
- AREA REQUIRED = 45 X 13.75 = 618.75 SQM
- AREA COVERED = 620.00 SQM
- SERVICE BLOCK (FIRE FIGHT RM + REED RM) = 10.00 SQM

- NOTES:**  
This is not a Good for construction drawing. The drawing here only depicts in clarity, all the architectural elements of the building.
- A GFC set to be made while execution as per actuals.
  - CONTRACTOR TO CHECK AND VERIFY ALL DIMENSIONS BEFORE EXECUTION OF THE WORK.
  - FIGURED DIMENSIONS SHALL BE FOLLOWED.
  - ALL DIMENSIONS ARE GIVEN IN MILLIMETRES UNLESS OTHERWISE SPECIFIED.
  - FOR ALL STRUCTURAL ELEMENTS LIKE BEAMS, COLUMNS, FB, LINTEL, ETC. REFER STRUCTURAL DRAWING IN RESPECTIVE OF WHAT EVER SHOWN NOT SHOWN IN ARCH DRAWING.
  - THE EXECUTIVE AUTHORITY SHALL CHECK THIS DRG BEFORE TAKING EXECUTION IN HAND.
  - ANY DISCREPANCIES IN DWG. IF FOUND SHALL BE BROUGHT IN THE VIEW OF ARCHITECT.
  - SUITABLE LOCATION WITH CAPACITY OF ALL THE OVERHEAD SERVICE TANK TO BE MARKED ON ROOF PLAN. RAISED PLATFORM WITH WATERPROOFING SHALL ALSO BE PROVIDED FOR SUPPORT OF SERVICE TANK.
  - ELECTRIC PANEL AND FIRE RUMP ROOM TO BE DETAILED AS PER DETAILS GIVEN BY MEP CONSULTANT.

| REV. | DESCRIPTION                                  | DATE     | ISSD. | CHKD. |
|------|----------------------------------------------|----------|-------|-------|
| 01   | Revision for building services incorporated. | 22.07.23 | ✓     | ✓     |
| 02   | Building adjusted for setbacks constraints.  | 13.07.23 | ✓     | ✓     |

### REVISION INDEX

DRAWING TITLE: **BRICK WORK DRAWING**

CLIENT: **TECHMECH**

|       |            |       |  |
|-------|------------|-------|--|
| DATE  | 22.07.2024 | STAMP |  |
| DRN   | TAKIN      |       |  |
| CHKD  | SAHIN      |       |  |
| SCALE | AS SHOWN   |       |  |

ISSUED BY: **ARCHITECT**

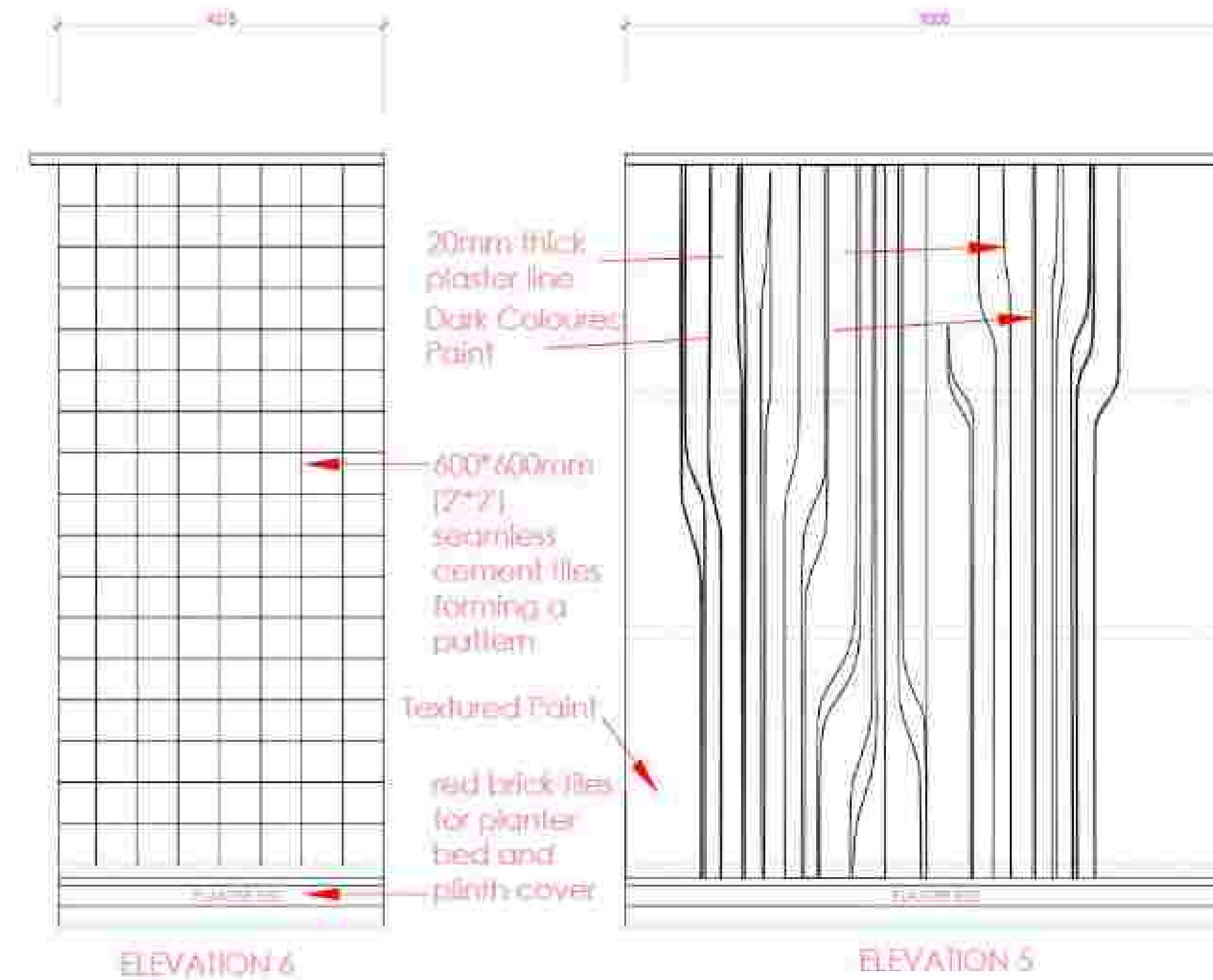
DRAWING NO.: **13/20/ARCHITECT/2** SHEET NO.: **1/1**

PROJECT: **TRANSPORT NAGAR, SHOPPING COMPLEX, BDA**

CONSULTANT: **TECHMECH**

**TECHMECH INTERNATIONAL PVT. LTD.**  
 Corp Office: "B.M. Kumar" - 92, Civil Lines, Meerut-200001.  
 Cell: 9826913864 Cell: 9826913864  
 Pin: 201121-4014700 (20 Lines) / Fax: 201121-4014700  
 Email: ctyline@techmech.com / architect@techmech.com  
 www.techmech.co.in

GROUND FLOOR PLAN



## AREA STATEMENT

- LAND AREA AS PER WORK ORDER = 2771.15 SQM
- PERMISSIBLE GROUND COVERAGE = 87% (1386.3 SQM)
- PROPOSED PLINTH AREA @ GROUND FLOOR = 1127.75 SQM
- PROPOSED GROUND COVERAGE = 1129.75 SQM
- GROUND FLOOR SUPER BUILT UP AREA = 1125.75 SQM (COVERED = 1014.5 SQM / UNCOVERED = 111.25 SQM)
- FIRST FLOOR SUPER BUILT UP AREA = 1014.50 SQM
- SECOND FLOOR SUPER BUILT UP AREA = 1014.50 SQM
- TOTAL AREA = 3159.38 SQM
- FAR USED = 1.4
- EXEMPTED AREA & SERVICE AREA = STAIRCASE = 39.2 x 3 Room (service) = 25.8 sqm + 2.1 step = 140 + 324 = 154 SQM
- TOTAL AREA AFTER EXEMPTION = 2937.7 SQM
- MT OF THE BUILDING = 14.83 MM
- CAR PARKING REQUIRED = 2937.7 SQM / 100 (1) & = 44.95 (1) = 45 CARS
- AREA REQUIRED = 45 X 13.75 = 618.75 SQM
- AREA GIVEN = 626.10 SQM
- SERVICE BLOCK (FIRE PUMP RM + REC RM) = 30.10 SQM

NOTES:  
This is not a Good for construction doc. The drawing here only depicts in clarity, all the architectural elements of the building.

- CONTRACTOR TO CHECK AND VERIFY ALL DIMENSIONS BEFORE EXECUTION OF THE WORK.
- FIGURED DIMENSIONS SHALL BE FOLLOWED.
- ALL DIMENSIONS ARE GIVEN IN MILLIMETRES UNLESS OTHERWISE SPECIFIED.
- FOR ALL STRUCTURAL ELEMENTS LIKE BEAMS, COLUMNS, FB, LINTEL, ETC. REFER STRUCTURAL DRAWING IN RESPECTIVE OF WHAT EVER SHOWN NOT SHOWN IN ARCH DRAWING.
- THE EXECUTIVE AUTHORITY SHALL CHECK THIS Dwg BEFORE TAKING EXECUTION IN HAND.
- ANY DISCREPANCIES IN DWG. IF FOUND SHALL BE BROUGHT IN THE VIEW OF ARCHITECT.
- SUITABLE LOCATION WITH CAPACITY OF ALL THE OVERHEAD SERVICE TANK TO BE MARKED ON ROOF PLAN. RAISED PLATFORM WITH WATERPROOFING SHALL ALSO BE PROVIDED FOR SUPPORT OF SERVICE TANK.
- ELECTRIC PANEL AND FIRE PUMP ROOM TO BE DETAILED AS PER DETAILS GIVEN BY MEP CONSULTANT.

| REV. | DESCRIPTION                                 | DATE     | ISSD. | CHKD. |
|------|---------------------------------------------|----------|-------|-------|
| 01   | Revision for building services incorporated | 22.07.23 | ✓     | ✓     |
| 02   | Building adjusted for setback consultation  | 13.07.23 | ✓     | ✓     |

## REVISION INDEX

DRAWING TITLE = ELEVATION

CLIENT =

DATE = 22.07.2024

DRN =

CHKD =

SCALE =

ISSUED BY =

DRAWING NO. =

SHEET NO. =

PROJECT = TRANSPORT NAGAR, SHOPPING COMPLEX, BDA

CONSULTANT =

TECHMECH

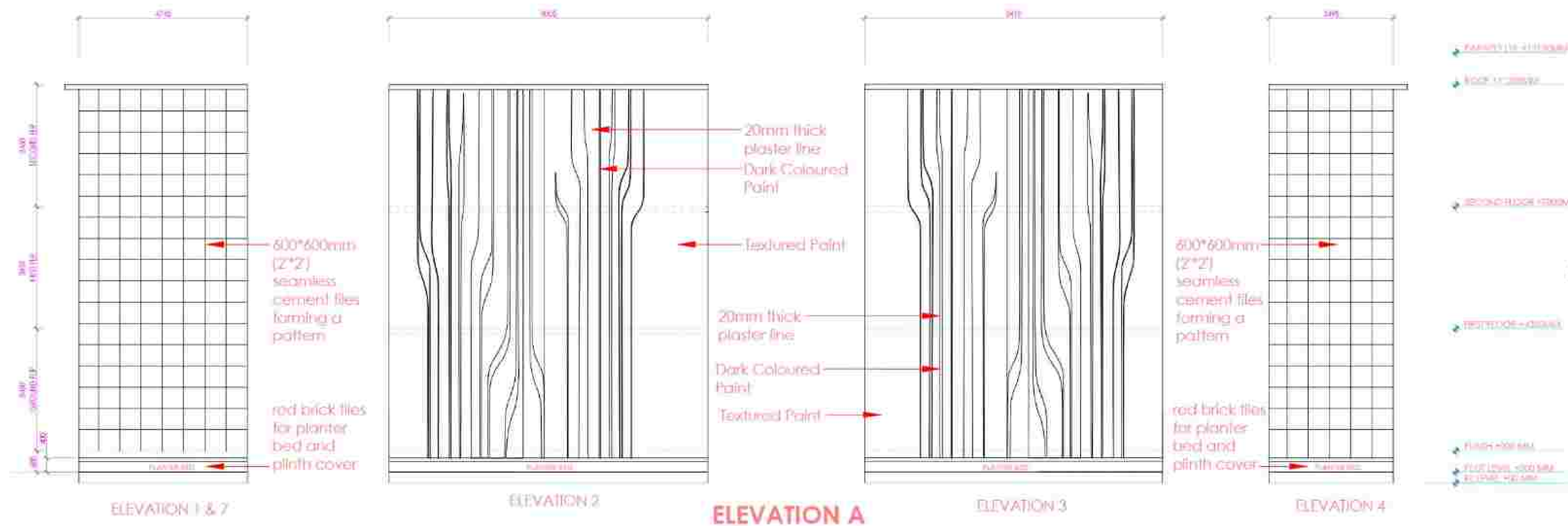
TECHMECH INTERNATIONAL PVT. LTD.

Corp Office: 7, B.M. Kumar - 92, Civil Lines, Meerut-250001

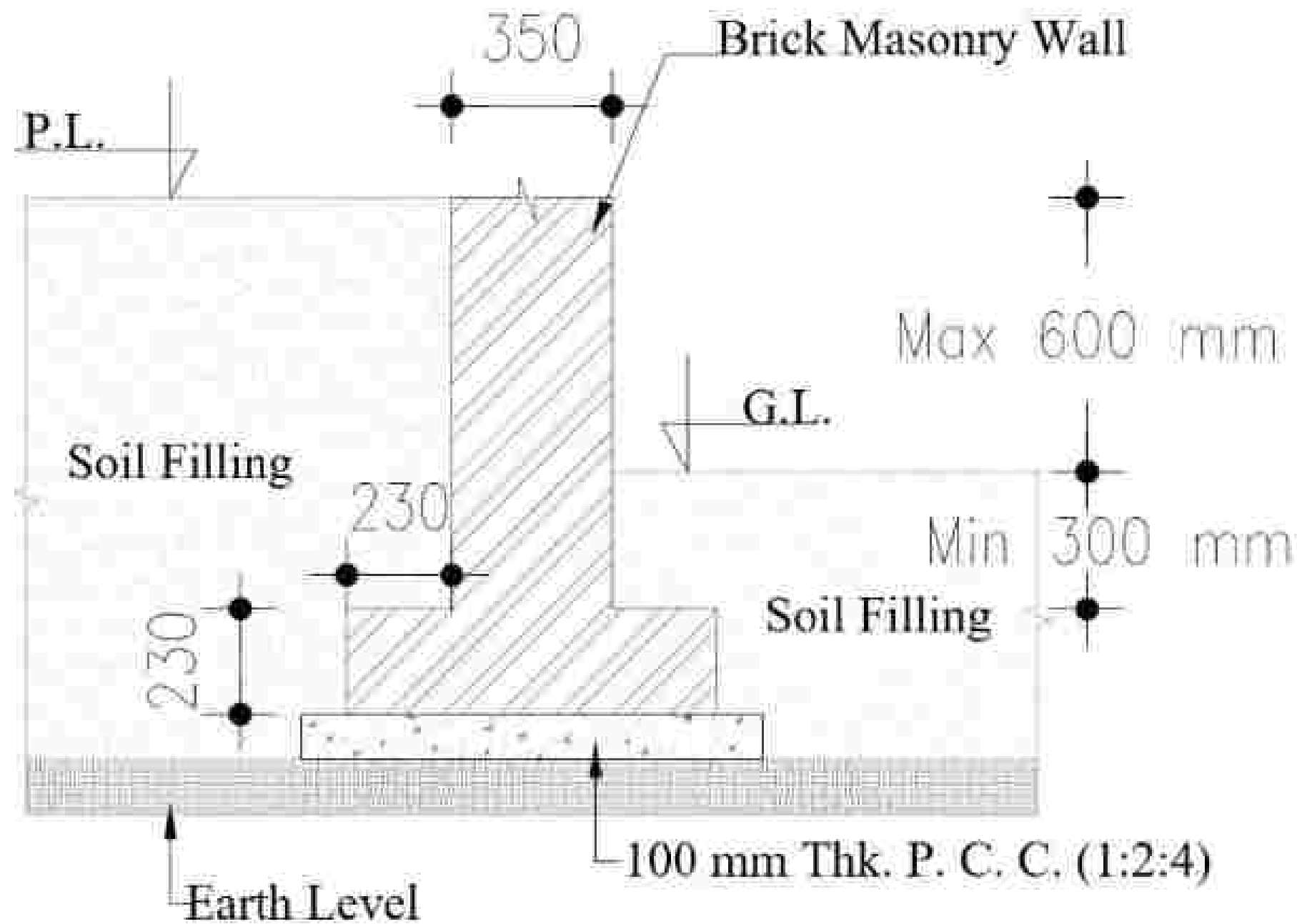
Ph: +91-191-4014700 (20 Lines) | Fax: +91-191-4014720

Email: c/o/it@techmech.co.in / architect@techmech.co.in

www.techmech.co.in



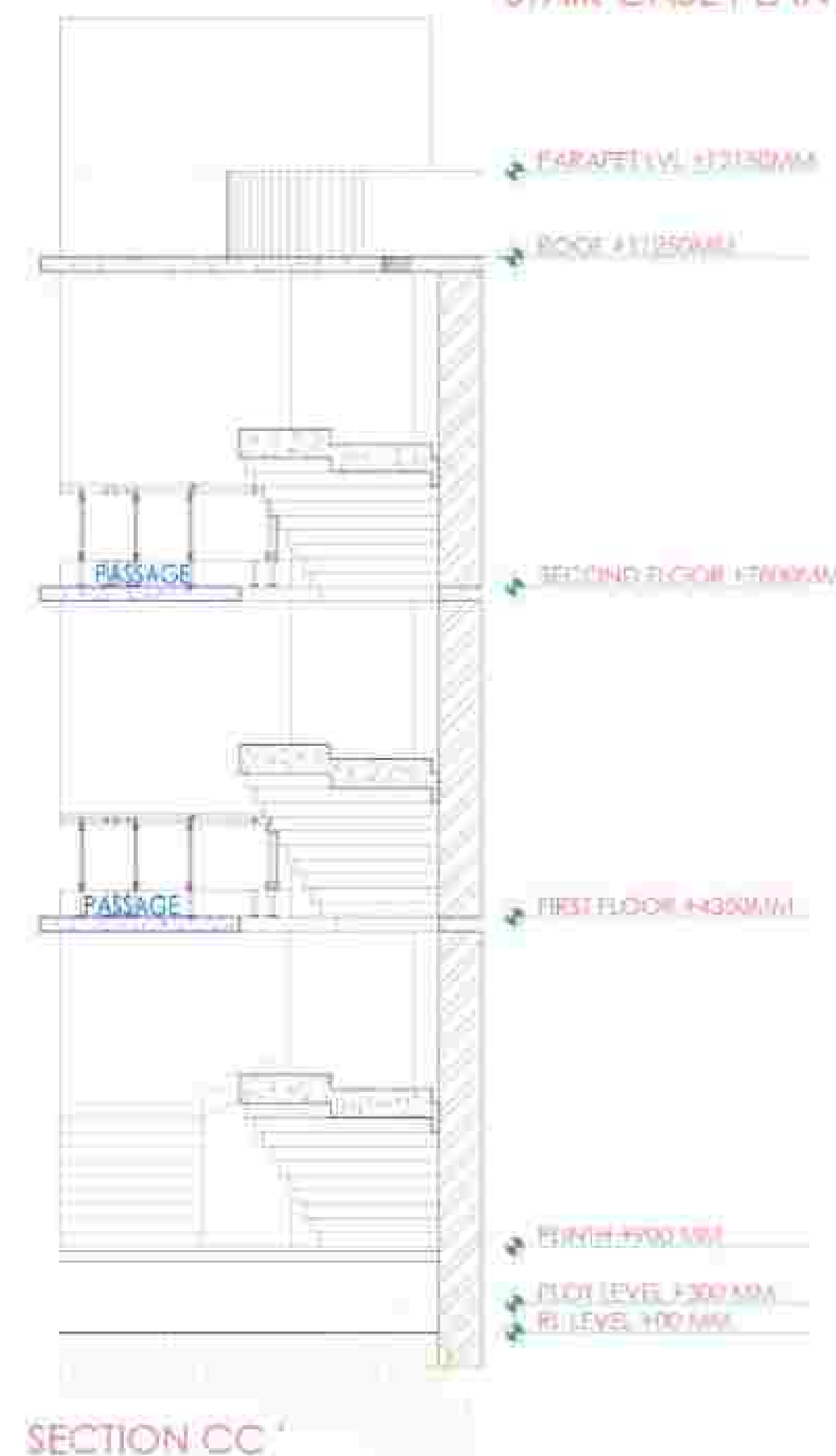
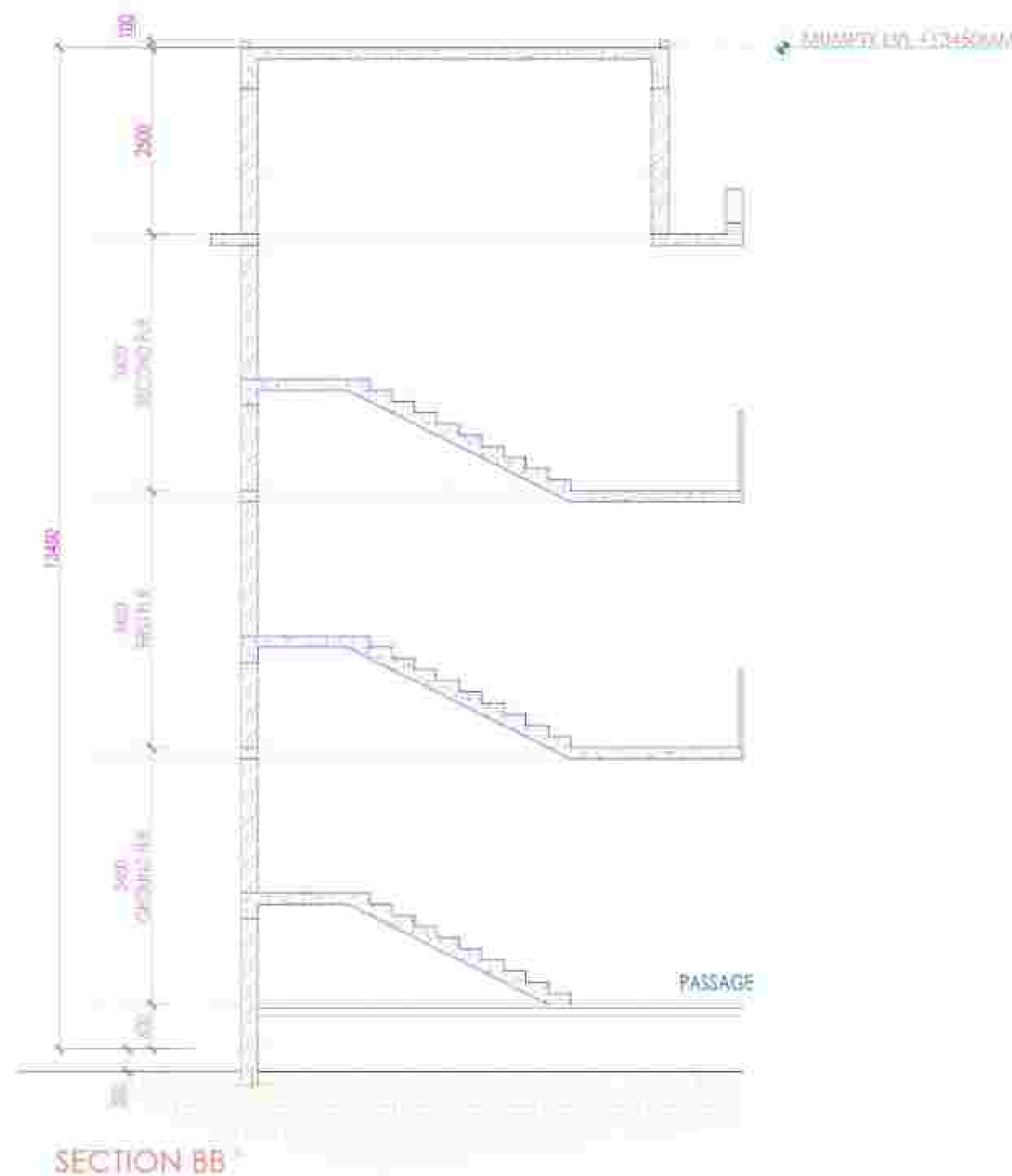
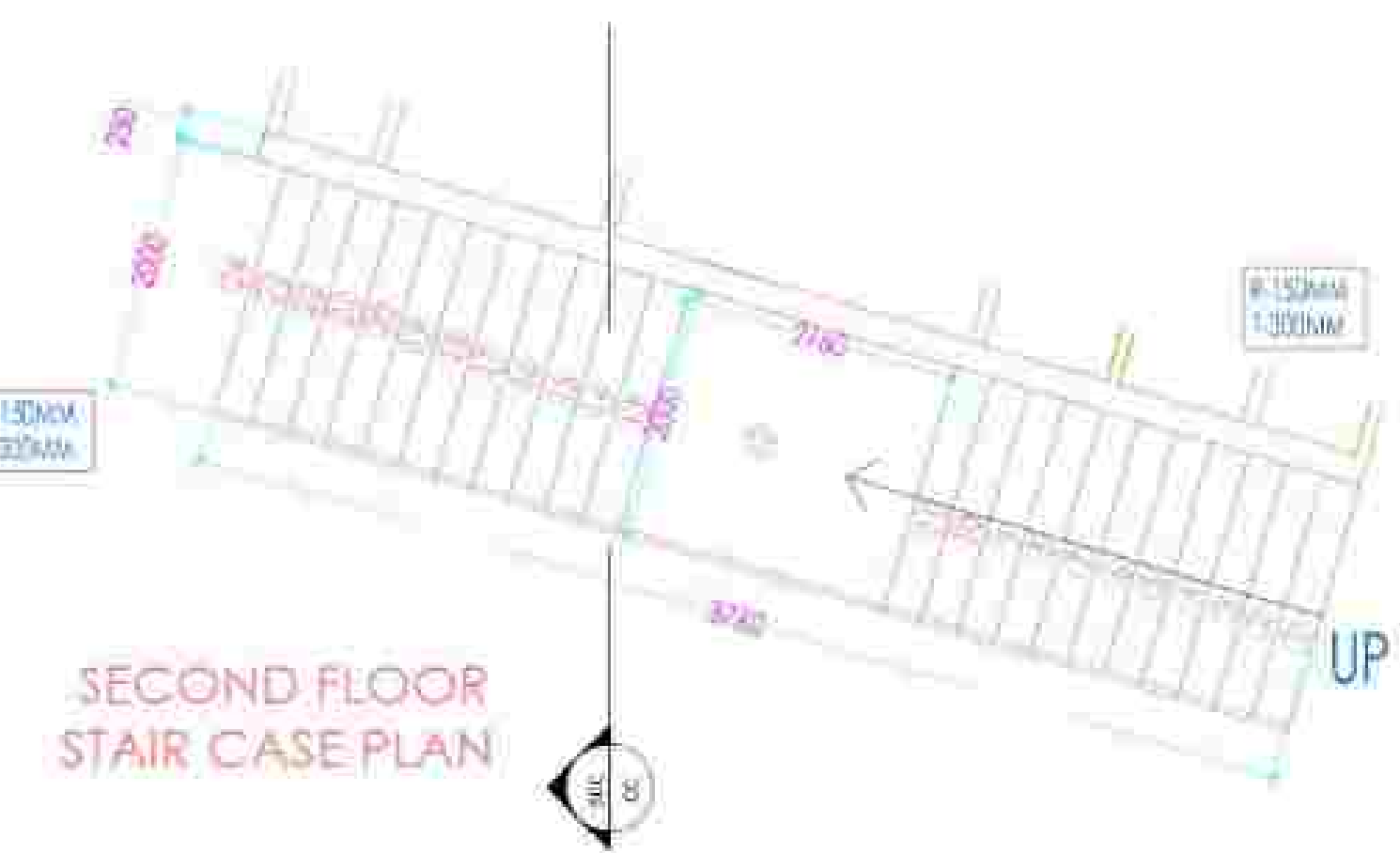
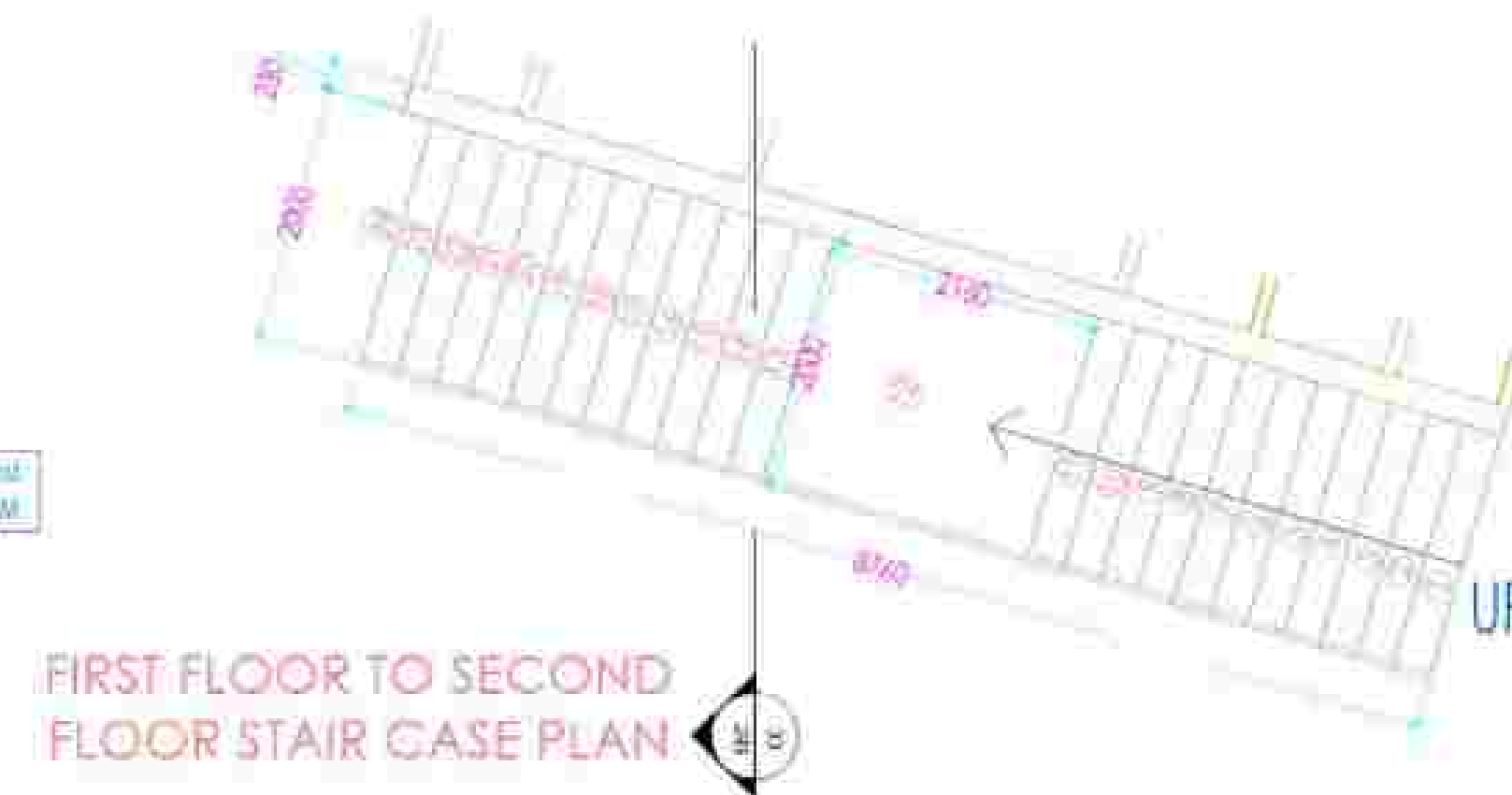
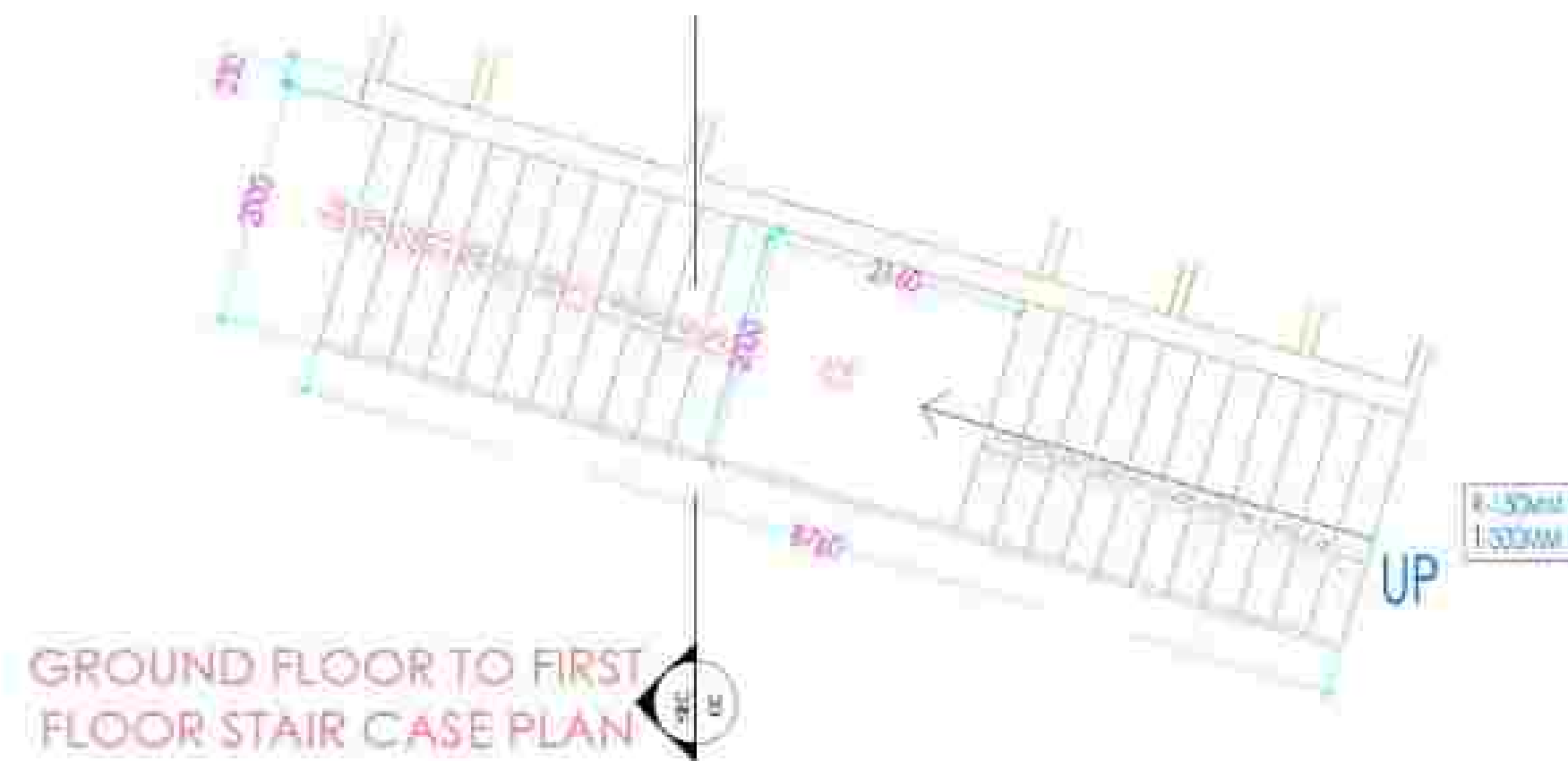
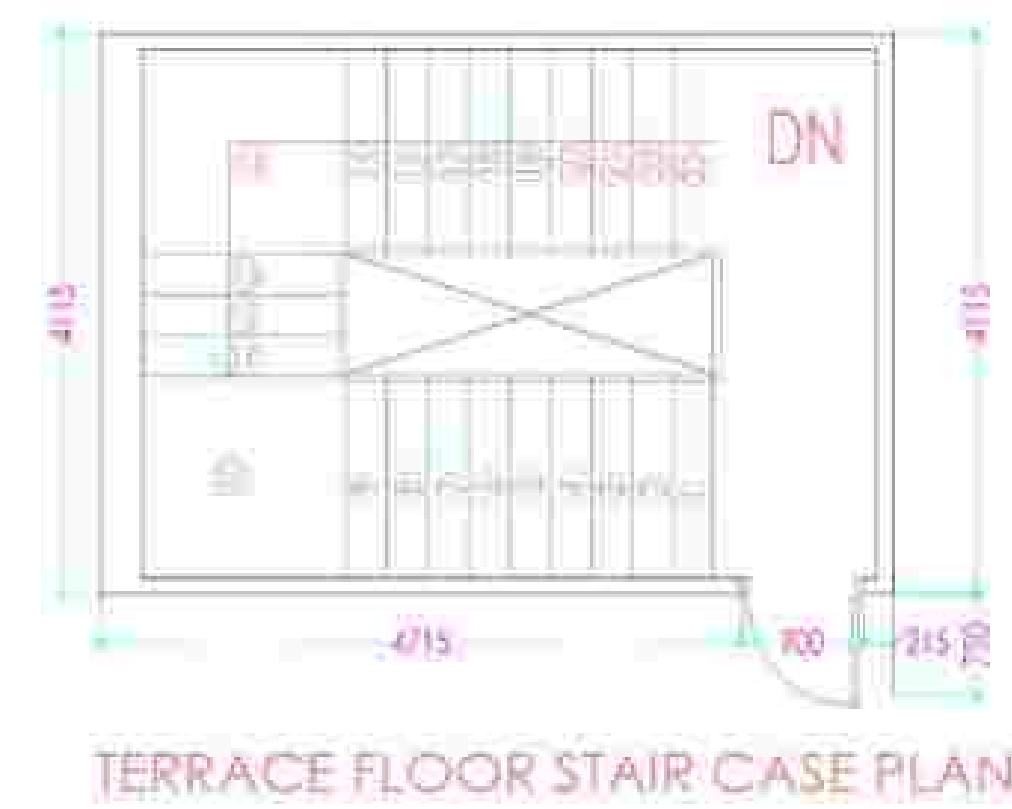
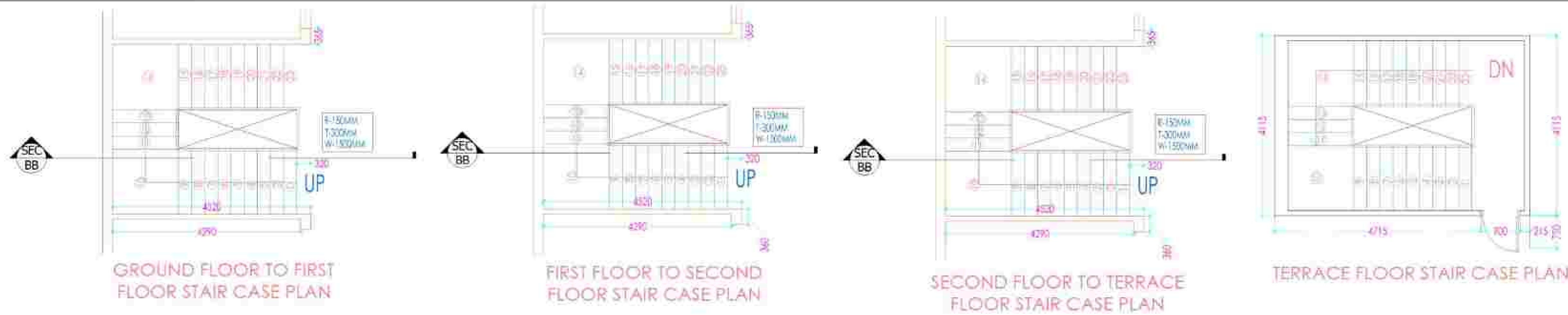
- General Notes:**
1. ALL DIMENSIONS SHOWN SHALL BE IN MILLIMETERS.
  2. FOUNDATION SHALL BE CONSTRUCTED WITHIN THE FOOTING OF THE WALL. THE WALL SHALL BE CONSTRUCTED WITHIN THE FOOTING OF THE FOUNDATION.
  3. FOUNDATION SHALL BE CONSTRUCTED WITHIN THE FOOTING OF THE WALL.
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  7. THE FOUNDATION SHALL BE CONSTRUCTED WITHIN THE FOOTING OF THE WALL.
  8. THE FOUNDATION SHALL BE CONSTRUCTED WITHIN THE FOOTING OF THE WALL.
  9. THE FOUNDATION SHALL BE CONSTRUCTED WITHIN THE FOOTING OF THE WALL.
  10. THE FOUNDATION SHALL BE CONSTRUCTED WITHIN THE FOOTING OF THE WALL.



## BRICK MASONRY WALL FOOTING

*(Signature)*

|                                                                                                                                                                                     |                                                                                       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  <b>AD Consultants</b><br>Panipat Road, Shamli<br>P.O. Box 100, Panipat - 131001<br>9111111111 |                                                                                       |
| PROJECT<br><input type="checkbox"/> YES<br><input type="checkbox"/> NO                                                                                                              | REVIEW<br><input type="checkbox"/> YES<br><input type="checkbox"/> NO                 |
| Project Name:                                                                                                                                                                       |                                                                                       |
| NO.                                                                                                                                                                                 |  |
| DESIGNER'S NAME                                                                                                                                                                     | DRAWN BY NAME                                                                         |
| Sheet No.                                                                                                                                                                           | DATE / 10 / 2024                                                                      |
| BRICK MASONRY WALL FOOTING                                                                                                                                                          |                                                                                       |



| S.NO. | DOOR WINDOW SCHEDULE | SIZE      |
|-------|----------------------|-----------|
| 01    | ROUND SHUTTER        | 2000X400  |
| 02    | ROUND SHUTTER        | 1500X2400 |
| 03    | ROUND SHUTTER        | 1500X2400 |
| 04    | SHUTTER PANEL DOOR   | 3000X2100 |
| 05    | SHUTTER PANEL DOOR   | 1000X2100 |
| 06    | SHUTTER PANEL DOOR   | 1200X2100 |
| 07    | SHUTTER PANEL DOOR   | 1300X2100 |
| 08    | SHUTTER PANEL DOOR   | 1000X2100 |

#### AREA STATEMENT

- LAND AREA AS PER WORK ORDER = 2771.1 SQMTR
- PERMISSIBLE GROUND COVERAGE = 50% (1385.5 SQM)
- PROPOSED PLYTH AREA @ GROUND FLOOR = 1129.78 SQM
- PROPOSED GROUND COVERAGE = 1129.78 SQM
- GROUND FLOOR SUPER BUILT UP AREA = 712.78 SQM (COVERED = 1014.30 SQM, UNCOVERED = 712.78 SQM)
- FIRST FLOOR SUPER BUILT UP AREA = 1014.30 SQM
- SECOND FLOOR SUPER BUILT UP AREA = 1014.30 SQM
- TOTAL AREA = 3118.38 SQM
- PARKING = 1.1A
- EXEMPTED AREA @ SERVICE AREA = STAIRCASE = 27.2 x 2.2 Floor (service) = 28.84 sqm x 2 (up & down) = 57.68 SQM
- TOTAL AREA AFTER EXEMPTION = 2935.7 SQM
- HT OF THE BUILDING = 13450 MM
- CAR PARKING REQUIRED = (2935.7 SQM / 100) \* 1.5 = 44.035 \* 1.5 = 66.0525 CARS
- AREA REQUIRED = 45.8 (3.75 \* 12.25) SQM
- AREA GIVEN = 500 SQM
- SERVICE BLOCK (HRS PUMP RM + ELEC RM) = 200 SQM

- NOTES:**  
This is not a Good for construction dwg. The drawing here only depicts in clarity, all the architectural elements of the building.
- A GFC set to be made while execution as per actuals.
  - CONTRACTOR TO CHECK AND VERIFY ALL DIMENSIONS BEFORE EXECUTION OF THE WORK.
  - FIGURED DIMENSIONS SHALL BE FOLLOWED.
  - ALL DIMENSIONS ARE GIVEN IN MILLIMETRES UNLESS OTHERWISE SPECIFIED
  - FOR ALL STRUCTURAL ELEMENTS LIKE BEAMS, COLUMNS, PB, LINTEL, ETC. REFER STRUCTURAL DRAWING IN RESPECTIVE OF WHAT, EVER SHOWN/NOT SHOWN IN ARCH DRAWING.
  - THE EXECUTIVE AUTHORITY SHALL CHECK THIS DRG BEFORE TAKING EXECUTION IN HAND
  - ms
  - ANY DISCREPANCIES IN DWG. IF FOUND SHALL BE BROUGHT IN THE VIEW OF ARCHITECT.
  - SUITABLE LOCATION WITH CAPACITY OF ALL THE OVERHEAD SERVICE TANK TO BE MARKED ON ROOF PLAN. RAISED PLATFORM WITH WATERPROOFING SHALL ALSO BE PROVIDED FOR SUPPORT OF SERVICE TANK.
  - ELECTRIC PANEL AND FIRE PUMP ROOM TO BE DETAILED AS PER DETAILS GIVEN BY MEP CONSULTANT

| REV. | DESCRIPTION                              | DATE     | ISSUED | CHKD. |
|------|------------------------------------------|----------|--------|-------|
| 01   | Issued for Building Services             | 22.07.23 | ✓      | ✓     |
| 02   | Building proposed for network connection | 13.07.23 | ✓      | ✓     |

#### REVISION INDEX

DRAWING TITLE: **STAIR CASE PLAN & SECTION**

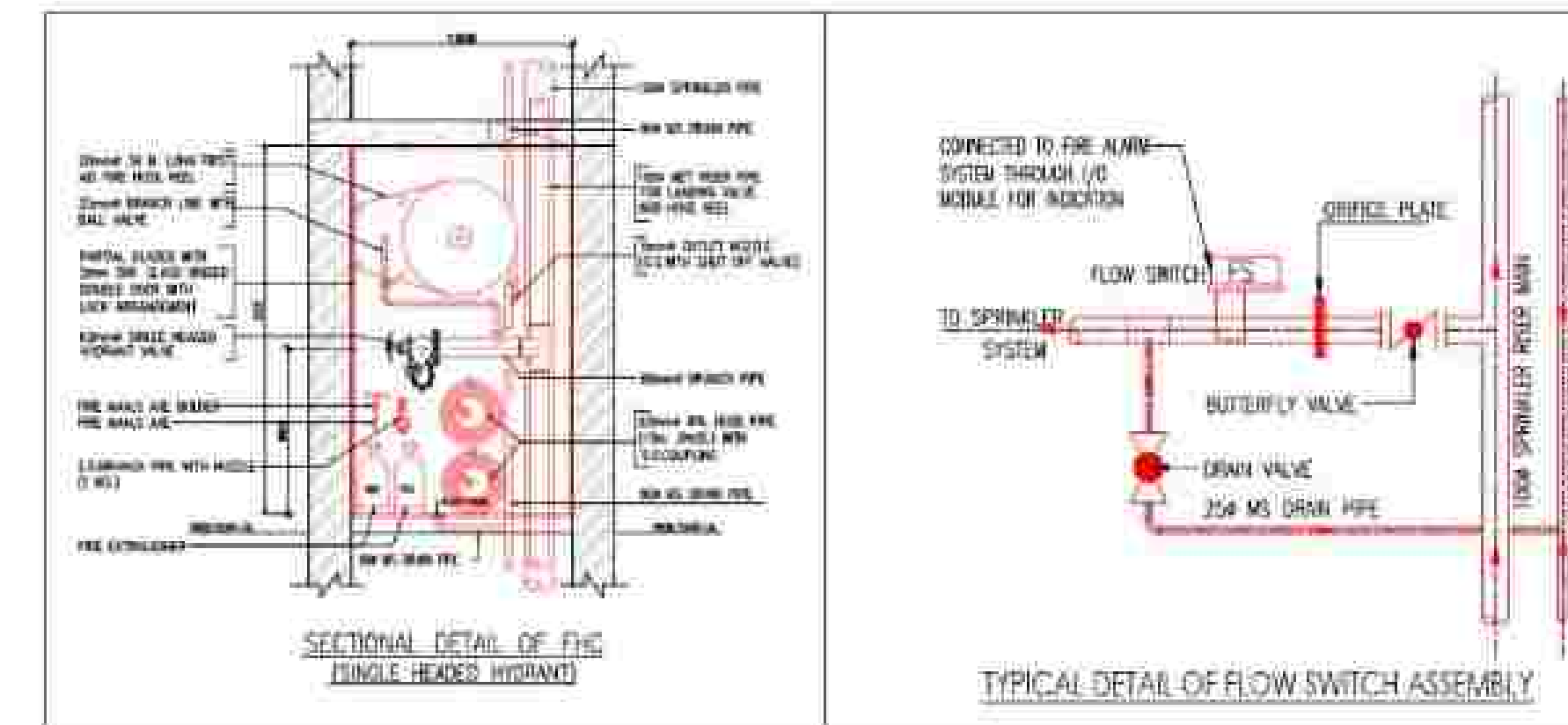
CLIENT: -

|             |                  |           |       |
|-------------|------------------|-----------|-------|
| DATE        | 22.07.23         | STAMP     |       |
| DRN         | 15/07/23         |           |       |
| CHKD        | 15/07/23         |           |       |
| SCALE       |                  |           |       |
| ISSUED BY   | SUPREMA CHITRA   |           |       |
| DRAWING NO. | 005/STARCHITP/23 | SHEET NO. | 01/01 |
| PROJECT     |                  |           |       |

CONSULTANT: **TECHMECH**

**TECHMECH INTERNATIONAL PVT. LTD.**

Corp. Office: B-4, Kinner, 10, Civil Lines, Meerut-200001  
Cell: 9828918664  
Ph: +91-121-4014700 (20 Lines) / Fax: +91-121-4014720  
Email: ctn@techmech.co.in / arch@techmech.co.in  
www.techmech.co.in

[illegible]

| SYM.                                                                                  | DESCRIPTION                                                              | HEIGHT IN METRE |
|---------------------------------------------------------------------------------------|--------------------------------------------------------------------------|-----------------|
|    | HOSE CABINET WITH 2 NOS. HOSE, REEL & 3 NOS. BRANCH PIPES 1250/1000/2100 | —               |
|  A | 1000 WET RISER FOR HYDRANT & HOSE REEL                                   | —               |
|  B | 1000 SPRINKLER PIPE                                                      | —               |
|  C | 800 SPRINKLER DRAIN PIPE STACK                                           | —               |
|    | PENDENT TYPE SPRINKLER POINT                                             | CEILING         |
|    | 6.5 Kg. ABC FIRE EXTINGUISHER                                            | IN FHC          |
|    | 4.5 Kg. CO <sub>2</sub> FIRE EXTINGUISHER                                | IN FHC          |

**NOTE:**  
EACH FIRE HOSE CABINET  
1 Nos. - GUN/METAL SINGLE HEADED HYDRANT  
2 Nos. - FIRE HOSES 63mm 15M LONG WITH  
1 Nos. - SHORT BRANCH  
1 Nos. - FIRST AID HOSE REEL  
2 Nos. - FIRE EXTINGUISHERS  
1 Nos. - FIRE MAN'S AXE

| SPRINKLER PIPE SIZE:- |             |       |
|-----------------------|-------------|-------|
| NO. OF SPRINKLER      | DIA OF PIPE | SLEEP |
| 1-2                   | 250         | 320   |
| 3                     | 320         | 400   |
| 4-5                   | 400         | 500   |
| 6-10                  | 500         | 650   |
| 11-20                 | 650         | 800   |
| 21-30                 | 800         | 1000  |
| 31-110                | 1000        | 1200  |
| 111- ABOVE            | 1500        | 1600  |

**NOTES:**  
This is not a Good for construction dwg. The drawing here only depicts in clarity, all the architectural elements of the building.

1. GFC set to be made while execution as per actuals.
2. CONTRACTOR TO CHECK AND VERIFY ALL DIMENSIONS BEFORE EXECUTION OF THE WORK.
3. FIGURED DIMENSIONS SHALL BE FOLLOWED.
4. ALL DIMENSIONS ARE GIVEN IN MILLIMETRES UNLESS OTHERWISE SPECIFIED
5. FOR ALL STRUCTURAL ELEMENTS LIKE BEAMS, COLUMNS, PL, LINTEL, ETC. REFER STRUCTURAL DRAWING IN RESPECTIVE OF WHAT, EVER SHOWN/NOT SHOWN IN ARCH DRAWING.
6. THE EXECUTIVE AUTHORITY SHALL CHECK THIS DWG BEFORE TAKING EXECUTION IN HAND

MEP CONSULTANT :-

**M.S. ASSOCIATES**

**MEP CONSULTANT ENGINEERS**

E-406, 3rd Flr, N.V. Vasthastha Road Near Kirti Cinema Crossing,  
Gurgaon, Haryana, Preeti Nagar Market, Haryana, New Delhi-110005  
E-Mail: [msassociatesh@gmail.com](mailto:msassociatesh@gmail.com), [msy2005123@yahoo.co.in](mailto:msy2005123@yahoo.co.in)

| ARCHITECTS DETAILS |                 |
|--------------------|-----------------|
| NAME               | HARSHIT SINGHAL |
| CONTACT            | CA/2020/125255  |
| COA LICENSE        | +91-8826913664  |
| CURT -             |                 |

URGENT

**FIRE FIGHTING LAYOUT PLAN  
(EXTERNAL SITE PLAN.)**

**DRAWING PURPOSE:**

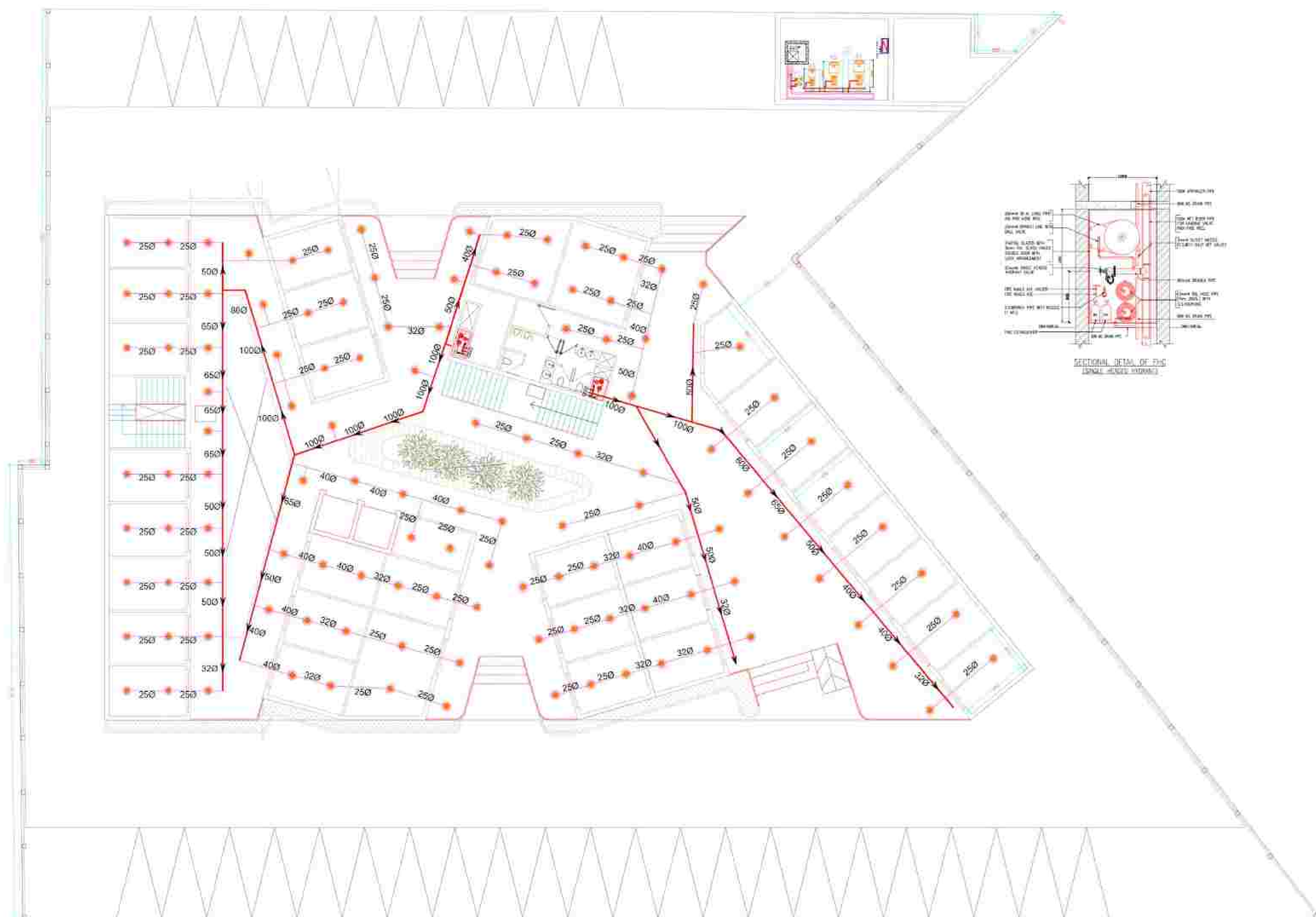
|           |            |                                                                                                |
|-----------|------------|------------------------------------------------------------------------------------------------|
| DATE      | 19/02/2004 | STAMP<br> |
| DRN       | NANDY      |                                                                                                |
| CHKD      | ARSHIT     |                                                                                                |
| SCALE     | 1400       |                                                                                                |
| ISSUED BY |            |                                                                                                |

|                                |                |
|--------------------------------|----------------|
| DRAWING NO :- 02/TM/ARCH/TPH_8 | SHEET NO :- 01 |
|--------------------------------|----------------|

PROJECT TITLE: COMMERCIAL BUILDING AT  
TRANSPORT NAGAR, BILANSHAH, UP.

ARCHITECT'S CONSULTANT:

  
**TECHMECH**  
**TECHMECH INTERNATIONAL PVT. LTD.**  
Corp Office : "S.M. Kutub" 92, Civil Lines, Meerut-250001  
Call: 582828, 123964  
Pht: +91-123-4014700 (20 Lines) | Fax: +91-123-4014720  
Email: [civilint@techmach.co.in](mailto:civilint@techmach.co.in) | [architect@techmach.co.in](mailto:architect@techmach.co.in)  
[www.techmach.co.in](http://www.techmach.co.in)



GROUND FLOOR PLAN

| LEGEND FOR FIRE FIGHTING:- |                                                                              |         |
|----------------------------|------------------------------------------------------------------------------|---------|
| SYM.                       | DESCRIPTION                                                                  | HEIGHT  |
|                            | FIRE HOSE CABINET WITH 2 NOS. HOSE REEL & 2 NOS. BRANCH PIPES 1200x600 x2100 | ---     |
|                            | 1000 WET RISER FOR HYDRANT & HOSE REEL                                       | ---     |
|                            | 1000 SPRINKLER PIPE                                                          | ---     |
|                            | 800 SPRINKLER DRAIN PIPE STACK                                               | ---     |
|                            | PENDENT TYPE SPRINKLER POINT                                                 | CEILING |
|                            | 6.5 Kg ABC FIRE EXTINGUISHER                                                 | IN FHC  |
|                            | 4.5 Kg CO2 FIRE EXTINGUISHER                                                 | IN FHC  |

NOTE:-  
EACH FIRE HOSE CABINET  
1 Nos. - GUNMETAL SINGLE HEADED HYDRANT  
2 Nos. - FIRE HOSES 63mm 15M LONG WITH  
1 Nos. - SHORT BRANCH  
1 Nos. - FIRST AID HOSE REEL  
2 Nos. - FIRE EXTINGUISHERS  
1 Nos. - FIRE MAN'S AXE

| SPRINKLER PIPE SIZE:- |             |       |
|-----------------------|-------------|-------|
| NO. OF SPRINKLER      | DIA OF PIPE | SLEEP |
| 1-2                   | 250         | 320   |
| 3                     | 320         | 400   |
| 4-5                   | 400         | 500   |
| 6-10                  | 500         | 650   |
| 11-20                 | 650         | 800   |
| 21-30                 | 800         | 1000  |
| 31-110                | 1000        | 1200  |
| 111- ABOVE            | 1500        | 1600  |

- NOTES:-  
This is not a Good for construction dwg. The drawing here only depicts in clarity, all the architectural elements of the building.
1. A GFC set to be made while execution as per actuals.
  2. CONTRACTOR TO CHECK AND VERIFY ALL DIMENSIONS BEFORE EXECUTION OF THE WORK.
  3. FIGURED DIMENSIONS SHALL BE FOLLOWED.
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  5. FOR ALL STRUCTURAL ELEMENTS LIKE BEAMS COLUMNS, PB, LINTEL, ETC. REFER STRUCTURAL DRAWING IN RESPECTIVE OF WHAT, EVER SHOWN/NOT SHOWN IN ARCH DRAWING.
  6. THE EXECUTIVE AUTHORITY SHALL CHECK THIS DRG BEFORE TAKING EXECUTION IN HAND

## M.S ASSOCIATES

MEP CONSULTANT ENGINEERS  
B-422, GOLF NO-18, VISHVAKAR ROAD, NEW KALKA, DELHI-110086  
Gurgaon Haryana, India | Regd. Part-1, Haryana, New Delhi-110086  
E-Mail: msassociates@gmail.com | www.msassociates.com

| ARCHITECT'S DETAILS |                                    |
|---------------------|------------------------------------|
| NAME                | HARSHIT SINGHAL                    |
| COA LICENSE         | CA/2020/125255                     |
| CONTACT             | +91-9826913644                     |
| DETAILS:            | BULANDSHAHAR DEVELOPMENT AUTHORITY |

IMPLEMENTED:

DRAWING TITLE: TRANSPORT NAGAR GROUND FLOOR FIRE FIGHTING LAYOUT PLAN

DRAWING PURPOSE: FOR APPROVAL

|           |            |       |
|-----------|------------|-------|
| DATE      | 30.09.2023 | STAMP |
| DRN       | NANCY      |       |
| CHKD      | HARSHIT    |       |
| SCALE     | 1:400      |       |
| ISSUED BY | HARSHIT    |       |

DRAWING NO.: H/2023/125255 SHEET NO.: 1/1  
PROJECT TITLE: COMMERCIAL BUILDING AT TRANSPORT NAGAR, BULANDSHAHAR, UP



Corp Office: "B.M. Kuber" 52, Civil Lines, Meerut-250001  
Call: 8826913644  
Ph: +91-121-4014700 (20 Lines) | Fax: +91-121-4014720  
Email: oav@techmech.co.in / anshu@techmech.co.in  
www.techmech.co.in



FIRST FLOOR PLAN

| LEGEND FOR FIRE FIGHTING:- |                                                                         |         |
|----------------------------|-------------------------------------------------------------------------|---------|
| SYM.                       | DESCRIPTION                                                             | HEIGHT  |
|                            | HOSE CABINET WITH 2 NOS. HOSE REEL & 2 NOS. BRANCH PIPES 1200x500 x2100 | ---     |
| A                          | 1000 WET RISER FOR HYDRANT & HOSE REEL                                  | ---     |
| B                          | 1000 SPRINKLER PIPE                                                     | ---     |
| C                          | 800 SPRINKLER DRAIN PIPE STACK                                          | ---     |
|                            | PENDENT TYPE SPRINKLER POINT                                            | CEILING |
|                            | 6.5 Kg. ABC FIRE EXTINGUISHER                                           | IN FHC  |
|                            | 4.5 Kg. CO2 FIRE EXTINGUISHER                                           | IN FHC  |

NOTE:-  
EACH FIRE HOSE CABINET  
1 Nos. - GUNMETAL SINGLE HEADED HYDRANT  
2 Nos. - FIRE HOSES 63mm 15M LONG WITH  
1 Nos. - SHORT BRANCH  
1 Nos. - FIRST AID HOSE REEL  
2 Nos. - FIRE EXTINGUISHERS  
1 Nos. - FIRE MAN'S AXE

| SPRINKLER PIPE SIZE:- |             |       |
|-----------------------|-------------|-------|
| NO. OF SPRINKLER      | DIA OF PIPE | SLEEP |
| 1-2                   | 250         | 320   |
| 3                     | 320         | 400   |
| 4-5                   | 400         | 500   |
| 6-10                  | 500         | 650   |
| 11-20                 | 650         | 800   |
| 21-30                 | 800         | 1000  |
| 31-110                | 1000        | 1200  |
| 111- ABOVE            | 1500        | 1600  |

NOTES:-  
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6. THE EXECUTIVE AUTHORITY SHALL CHECK THIS DRG BEFORE TAKING EXECUTION IN HAND

**M.S ASSOCIATES**  
MEP CONSULTANT ENGINEERS  
B-425, Gola No.-18, Vardhola Road, Near Krishna Cinema, Gurgaon Haryana, India  
Gurgaon Haryana, India  
E-Mail: msassociates@gmail.com, msassociates@yahoo.co.in

| ARCHITECT'S DETAILS                                                      |                                                       |
|--------------------------------------------------------------------------|-------------------------------------------------------|
| NAME                                                                     | HARSHIT SINGHAL                                       |
| COA LICENSE                                                              | CA/2020/125255                                        |
| CONTACT                                                                  | +91-9826913644                                        |
| DETAILS:                                                                 | BULANDSHAHAR DEVELOPMENT AUTHORITY                    |
| IMPLEMENTED:                                                             |                                                       |
| DRAWING TITLE:                                                           | TRANSPORT NAGAR FIRST FLOOR FIRE FIGHTING LAYOUT PLAN |
| DRAWING PURPOSE: FOR APPROVAL                                            |                                                       |
| DATE                                                                     | 30.09.2023                                            |
| DRN                                                                      | NANCY                                                 |
| CHKD                                                                     | HARSHIT                                               |
| SCALE                                                                    | 1:400                                                 |
| ISSUED BY                                                                | HARSHIT                                               |
| DRAWING NO.:                                                             | INTERIOR/ARCH/01                                      |
| SHEET NO.:                                                               | 2/6                                                   |
| PROJECT TITLE:- COMMERCIAL BUILDING AT TRANSPORT NAGAR, BULANDSHAHAR, UP |                                                       |

**TECHMECH**  
Corp Office: "B.M. Kuber" 52, Civil Lines, Meerut-250001  
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Email: oav@techmech.co.in / anshu@techmech.co.in  
www.techmech.co.in



SECOND FLOOR PLAN

| LEGEND FOR FIRE FIGHTING:- |                                                                         |           |
|----------------------------|-------------------------------------------------------------------------|-----------|
| SYM.                       | DESCRIPTION                                                             | HEIGHT    |
|                            | HOSE CABINET WITH 2 NOS. HOSE REEL & 2 NOS. BRANCH PIPES 1200x500 x2100 | ---       |
|                            | 1000 WET RISER FOR HYDRANT & HOSE REEL                                  | ---       |
|                            | 1000 SPRINKLER PIPE                                                     | ---       |
|                            | 800 SPRINKLER DRAIN PIPE STACK                                          | ---       |
|                            | PENDENT TYPE SPRINKLER POINT                                            | CEILING   |
|                            | 6.5 Kg ABC FIRE EXTINGUISHER                                            | IN F.H.C. |
|                            | 4.5 Kg CO2 FIRE EXTINGUISHER                                            | IN F.H.C. |

NOTE:-  
EACH FIRE HOSE CABINET  
1 Nos. - GUNMETAL SINGLE HEADED HYDRANT  
2 Nos. - FIRE HOSES 63mm 15M LONG WITH  
1 Nos. - SHORT BRANCH  
1 Nos. - FIRST AID HOSE REEL  
2 Nos. - FIRE EXTINGUISHERS  
1 Nos. - FIRE MAN'S AXE

| SPRINKLER PIPE SIZE:- |             |       |
|-----------------------|-------------|-------|
| NO. OF SPRINKLER      | DIA OF PIPE | SLEEP |
| 1-2                   | 250         | 320   |
| 3                     | 320         | 400   |
| 4-5                   | 400         | 500   |
| 6-10                  | 500         | 650   |
| 11-20                 | 650         | 800   |
| 21-30                 | 800         | 1000  |
| 31-110                | 1000        | 1200  |
| 111- ABOVE            | 1500        | 1600  |

- NOTES:-  
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  6. THE EXECUTIVE AUTHORITY SHALL CHECK THIS DRG BEFORE TAKING EXECUTION IN HAND

## M.S ASSOCIATES

M/S CONSULTANT ENGINEERS  
B-422, Gola No-18, Vardhola Road, New Katina, Dehradun,  
Uttarakhand, India. Pin-248101. Phone: 01352-221100  
E-Mail: msassociates@gmail.com, msassociates@yahoo.co.in

| ARCHITECT'S DETAILS |                                       |
|---------------------|---------------------------------------|
| NAME                | HARSHIT SINGHAL                       |
| COA LICENSE         | CA/2020/125255                        |
| CONTACT             | +91-9826913644                        |
| DETAILS:            | BULANDSHAHAR<br>DEVELOPMENT AUTHORITY |

IMPLEMENTED:

DRAWING TITLE: TRANSPORT NAGAR SECOND FLOOR  
FIRE FIGHTING LAYOUT PLAN

DRAWING PURPOSE: FOR APPROVAL

|           |            |       |
|-----------|------------|-------|
| DATE      | 30.09.2023 | STAMP |
| DRN       | NANCY      |       |
| CHKD      | HARSHIT    |       |
| SCALE     | 1:400      |       |
| ISSUED BY | HARSHIT    |       |

DRAWING NO.: H/2023/000001 SHEET NO.: 3/6  
PROJECT TITLE: COMMERCIAL BUILDING AT TRANSPORT  
NAGAR, BULANDSHAHAR, UP



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Ph: +91-121-4014700 (20 Lines) | Fax: +91-121-4014720  
Email: oav@techmech.co.in / anshul@techmech.co.in  
www.techmech.co.in

| LEGEND |                                              |         |
|--------|----------------------------------------------|---------|
| SYMBOL | DESCRIPTION                                  | CAT NO. |
| 16     | ADDRESSABLE FIRE (NOT DETECTOR) PAIR CEILING | CEILING |
| 17     | ADDRESSABLE FIRE HEAT DETECTOR PAIR CEILING  | CEILING |
| 18     | SMALL CALL BOX                               | 1230    |
| 19     | CALL BOX                                     | 1230    |
| 20     | SMALL DOOR                                   | DOOR    |
| 21     | SMALL DOOR                                   | DOOR    |
| 22     | SMALL DOOR                                   | DOOR    |
| 23     | SMALL DOOR                                   | DOOR    |
| 24     | SMALL DOOR                                   | DOOR    |
| 25     | SMALL DOOR                                   | DOOR    |
| 26     | SMALL DOOR                                   | DOOR    |
| 27     | SMALL DOOR                                   | DOOR    |
| 28     | SMALL DOOR                                   | DOOR    |
| 29     | SMALL DOOR                                   | DOOR    |
| 30     | SMALL DOOR                                   | DOOR    |
| 31     | SMALL DOOR                                   | DOOR    |
| 32     | SMALL DOOR                                   | DOOR    |
| 33     | SMALL DOOR                                   | DOOR    |
| 34     | SMALL DOOR                                   | DOOR    |
| 35     | SMALL DOOR                                   | DOOR    |
| 36     | SMALL DOOR                                   | DOOR    |
| 37     | SMALL DOOR                                   | DOOR    |
| 38     | SMALL DOOR                                   | DOOR    |
| 39     | SMALL DOOR                                   | DOOR    |
| 40     | SMALL DOOR                                   | DOOR    |
| 41     | SMALL DOOR                                   | DOOR    |
| 42     | SMALL DOOR                                   | DOOR    |
| 43     | SMALL DOOR                                   | DOOR    |
| 44     | SMALL DOOR                                   | DOOR    |
| 45     | SMALL DOOR                                   | DOOR    |
| 46     | SMALL DOOR                                   | DOOR    |
| 47     | SMALL DOOR                                   | DOOR    |
| 48     | SMALL DOOR                                   | DOOR    |
| 49     | SMALL DOOR                                   | DOOR    |
| 50     | SMALL DOOR                                   | DOOR    |
| 51     | SMALL DOOR                                   | DOOR    |
| 52     | SMALL DOOR                                   | DOOR    |
| 53     | SMALL DOOR                                   | DOOR    |
| 54     | SMALL DOOR                                   | DOOR    |
| 55     | SMALL DOOR                                   | DOOR    |
| 56     | SMALL DOOR                                   | DOOR    |
| 57     | SMALL DOOR                                   | DOOR    |
| 58     | SMALL DOOR                                   | DOOR    |
| 59     | SMALL DOOR                                   | DOOR    |
| 60     | SMALL DOOR                                   | DOOR    |
| 61     | SMALL DOOR                                   | DOOR    |
| 62     | SMALL DOOR                                   | DOOR    |
| 63     | SMALL DOOR                                   | DOOR    |
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| 65     | SMALL DOOR                                   | DOOR    |
| 66     | SMALL DOOR                                   | DOOR    |
| 67     | SMALL DOOR                                   | DOOR    |
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| 69     | SMALL DOOR                                   | DOOR    |
| 70     | SMALL DOOR                                   | DOOR    |
| 71     | SMALL DOOR                                   | DOOR    |
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| 73     | SMALL DOOR                                   | DOOR    |
| 74     | SMALL DOOR                                   | DOOR    |
| 75     | SMALL DOOR                                   | DOOR    |
| 76     | SMALL DOOR                                   | DOOR    |
| 77     | SMALL DOOR                                   | DOOR    |
| 78     | SMALL DOOR                                   | DOOR    |
| 79     | SMALL DOOR                                   | DOOR    |
| 80     | SMALL DOOR                                   | DOOR    |
| 81     | SMALL DOOR                                   | DOOR    |
| 82     | SMALL DOOR                                   | DOOR    |
| 83     | SMALL DOOR                                   | DOOR    |
| 84     | SMALL DOOR                                   | DOOR    |
| 85     | SMALL DOOR                                   | DOOR    |
| 86     | SMALL DOOR                                   | DOOR    |
| 87     | SMALL DOOR                                   | DOOR    |
| 88     | SMALL DOOR                                   | DOOR    |
| 89     | SMALL DOOR                                   | DOOR    |
| 90     | SMALL DOOR                                   | DOOR    |
| 91     | SMALL DOOR                                   | DOOR    |
| 92     | SMALL DOOR                                   | DOOR    |
| 93     | SMALL DOOR                                   | DOOR    |
| 94     | SMALL DOOR                                   | DOOR    |
| 95     | SMALL DOOR                                   | DOOR    |
| 96     | SMALL DOOR                                   | DOOR    |
| 97     | SMALL DOOR                                   | DOOR    |
| 98     | SMALL DOOR                                   | DOOR    |
| 99     | SMALL DOOR                                   | DOOR    |
| 100    | SMALL DOOR                                   | DOOR    |



GROUND FLOOR PLAN  
FIRE ALARM LAYOUT PLAN

*[Handwritten Signature]*

### M.S ASSOCIATES

M/S CONSULTANT ENGINEERS  
B-405, Gali No.-18, Veerpatra Road, Near Krishna Cinema,  
Gurgaon Haryana, India. Phone: 91-121-4014700  
E-Mail: msassociates@gmail.com, info@msassociates.com

| ARCHITECTS DETAILS                                                         |                                                        |
|----------------------------------------------------------------------------|--------------------------------------------------------|
| NAME                                                                       | HARSHIT SINGHAL                                        |
| COA LICENSE                                                                | CA/2020/125255                                         |
| CONTACT                                                                    | +91-9826913644                                         |
| DETAILS:                                                                   | BULANDSHAHAR<br>DEVELOPMENT AUTHORITY                  |
| IMPLEMENTS:                                                                |                                                        |
| DRAWING<br>TITLE:                                                          | TRANSPORT NAGAR GROUND FLOOR<br>FIRE ALARM LAYOUT PLAN |
| DRAWING PURPOSE: FOR APPROVAL                                              |                                                        |
| DATE                                                                       | 26.07.2024                                             |
| DRN                                                                        | KUSUM                                                  |
| CHKD                                                                       | AJAY KUMAR                                             |
| SCALE                                                                      | 1:400                                                  |
| ISSUED BY                                                                  | AJAY KUMAR                                             |
| DRAWING NO.:                                                               | INTERIM/PROJECT                                        |
| SHEET NO.:                                                                 | 4/6                                                    |
| PROJECT TITLE: COMMERCIAL BUILDING AT TRANSPORT<br>NAGAR, BULANDSHAHAR, UP |                                                        |

**TECHMECH**

Corp Office: "B.M. Kuber" E2, Civil Lines, Meerut-250001  
Cell: 9826913644  
Ph: +91-121-4014700 (20 Lines) | Fax: +91-121-4014720  
Email: oayitiner@techmech.co.in / anshulw@techmech.co.in  
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FIRST FLOOR PLAN  
FIRE ALARM LAYOUT PLAN

| LEGEND |                                                 |          |
|--------|-------------------------------------------------|----------|
| SYMBOL | DESCRIPTION                                     | DATE NO. |
| 11     | ADDRESSABLE TYPE POINT DETECTOR (FIRE DETECTOR) | CEILING  |
| 12     | ADDRESSABLE TYPE POINT DETECTOR (FIRE DETECTOR) | CEILING  |
| 13     | SMALL CRYSTAL                                   | 1000     |
| 14     | SMALL CRYSTAL                                   | 1000     |
| 15     | SMALL CRYSTAL                                   | 1000     |
| 16     | SMALL CRYSTAL                                   | 1000     |
| 17     | SMALL CRYSTAL                                   | 1000     |
| 18     | SMALL CRYSTAL                                   | 1000     |
| 19     | SMALL CRYSTAL                                   | 1000     |
| 20     | SMALL CRYSTAL                                   | 1000     |
| 21     | SMALL CRYSTAL                                   | 1000     |

## M.S ASSOCIATES

M/S ASSOCIATES ENGINEERS  
8-405, G.O. No. 18, Vardaan Road, Near Krishna Cinema,  
Gurgaon, Haryana, India. Phone: 012-26111008  
E-Mail: msassociates@gmail.com, info@msassociates.com

| ARCHITECT'S DETAILS |                                       |
|---------------------|---------------------------------------|
| NAME                | HARSHIT SINGHAL                       |
| COA LICENSE         | CA/2020/125255                        |
| CONTACT             | +91-9826913664                        |
| DETAILS:            | BULANDSHAHAR<br>DEVELOPMENT AUTHORITY |

IMPLEMENTED:

DRAWING TITLE: TRANSPORT NAGAR FIRST FLOOR FIRE  
ALARM LAYOUT PLAN

DRAWING PURPOSE: FOR APPROVAL

|           |            |       |
|-----------|------------|-------|
| DATE      | 26.07.2024 | STAMP |
| DRN       | KUSUM      |       |
| CHKD      | AJAY KUMAR |       |
| SCALE     | 1:400      |       |
| ISSUED BY | AJAY KUMAR |       |

DRAWING NO.: HT/2024/0001 SHEET NO.: 5/6  
PROJECT TITLE: COMMERCIAL BUILDING AT TRANSPORT  
NAGAR, BULANDSHAHAR, UP



Corp Office: "B.M. Kuber" 52, Civil Lines, Meerut-250001  
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Ph: +91-121-4014700 (20 Lines) | Fax: +91-121-4014720  
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SECOND FLOOR PLAN  
FIRE ALARM LAYOUT PLAN

*[Signature]*

| LEGEND |                                         |         |
|--------|-----------------------------------------|---------|
| SYMBOL | DESCRIPTION                             | CAT NO. |
| 11     | ADDRESSABLE POINT DETECTOR BASE CEILING | CEILING |
| 12     | ADDRESSABLE POINT DETECTOR BASE WALL    | WALL    |
| 13     | ADDRESSABLE POINT DETECTOR BASE FLOOR   | FLOOR   |
| 14     | ADDRESSABLE POINT DETECTOR BASE ROOF    | ROOF    |
| 15     | ADDRESSABLE POINT DETECTOR BASE OUTDOOR | OUTDOOR |
| 16     | ADDRESSABLE POINT DETECTOR BASE CEILING | CEILING |
| 17     | ADDRESSABLE POINT DETECTOR BASE WALL    | WALL    |
| 18     | ADDRESSABLE POINT DETECTOR BASE FLOOR   | FLOOR   |
| 19     | ADDRESSABLE POINT DETECTOR BASE ROOF    | ROOF    |
| 20     | ADDRESSABLE POINT DETECTOR BASE OUTDOOR | OUTDOOR |
| 21     | ADDRESSABLE POINT DETECTOR BASE CEILING | CEILING |

## M.S ASSOCIATES

M/S ASSOCIATES ENGINEERS  
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E-Mail: msassociates@gmail.com | www.msassociates.com

| ARCHITECT'S DETAILS |                 |
|---------------------|-----------------|
| NAME                | HARSHIT SINGHAL |
| COA LICENSE         | CA/2020/125255  |
| CONTACT             | +91-8826913644  |

DETAILS: BULANDSHAHAR  
DEVELOPMENT AUTHORITY

IMPLEMENTED:

DRAWING TITLE: TRANSPORT NAGAR SECOND FLOOR  
FIRE ALARM LAYOUT PLAN

DRAWING PURPOSE: FOR APPROVAL

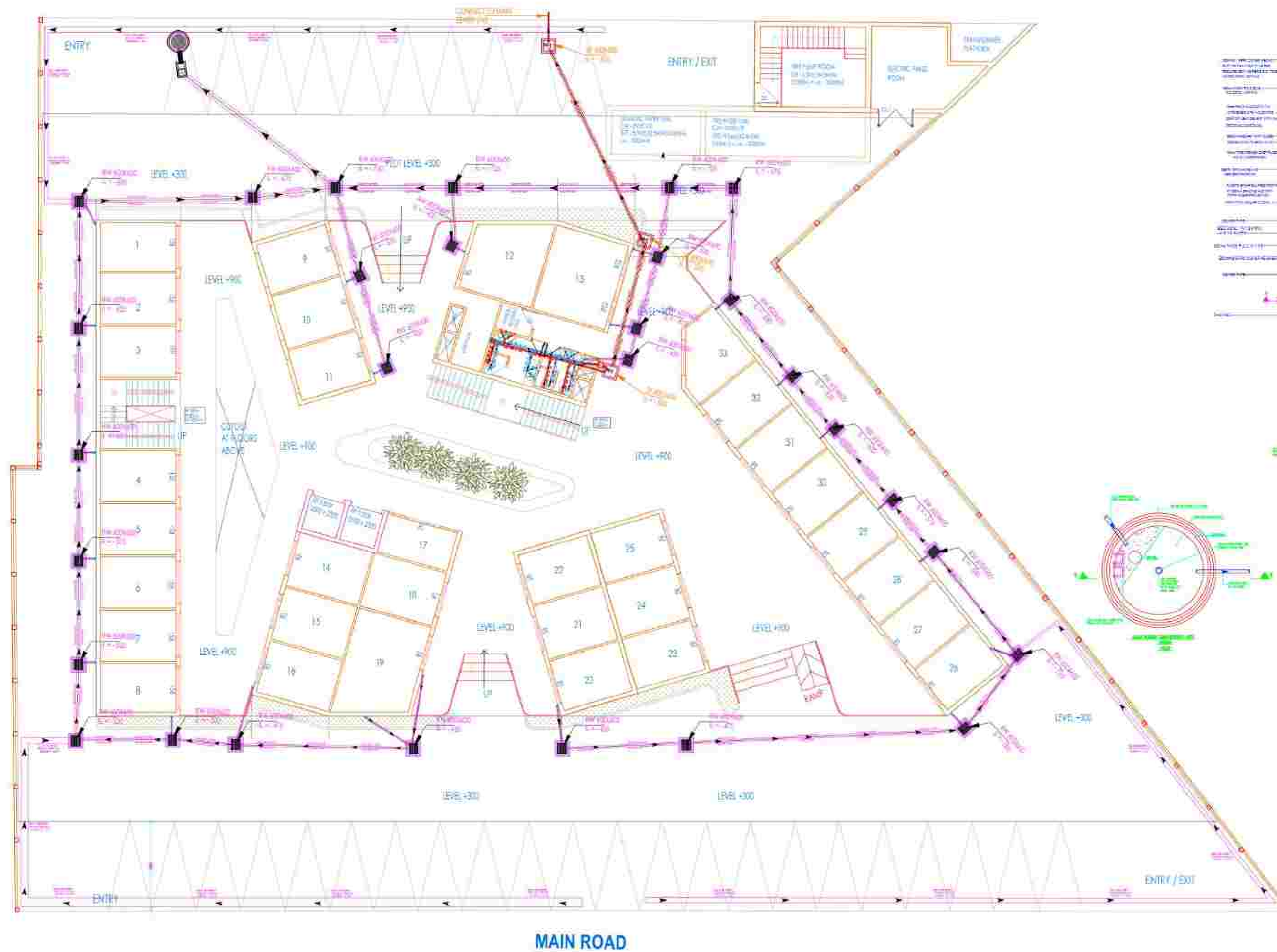
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|-----------|------------|-------|
| DATE      | 26.07.2024 | STAMP |
| DRN       | KUSUM      |       |
| CHKD      | AJAY KUMAR |       |
| SCALE     | 1:400      |       |
| ISSUED BY | AJAY KUMAR |       |

DRAWING NO.: HT/2024/0001 SHEET NO.: 6/6  
PROJECT TITLE: COMMERCIAL BUILDING AT TRANSPORT  
NAGAR, BULANDSHAHAR, UP



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www.techmech.co.in

# GROUND FLOOR PLAN



## DRAINAGE SYSTEM LAYOUT PLAN SITE & GROUND LAYOUT PLAN

| S.NO. | DOOR WINDOW PIPE SCHEDULE |             |
|-------|---------------------------|-------------|
|       | DOORS                     | SIZE        |
| 01    | GLASS DOOR                | 1800 X 2400 |
| 02    | WPC DOOR                  | 1800 X 2400 |

| AREA STATEMENT |                                                  |         |
|----------------|--------------------------------------------------|---------|
| S.NO.          | DESCRIPTION                                      | SYMBOL  |
| 01             | FLOOR DRAIN                                      | FD      |
| 02             | FLOOR TRAP                                       | FT      |
| 03             | BOTTLE TRAP OF BRASS                             | BT      |
| 04             | FLOOR CLEAN OUTLET                               | FCO     |
| 05             | 100MM DIA. UPVC SOIL & VENT PIPE                 | 100 SV  |
| 06             | 100MM DIA. UPVC WASTE & VENT PIPE                | 100 W   |
| 07             | 100MM DIA. UPVC RAIN WATER PIPE                  | 100 RW  |
| 08             | UPVC HOT WATER SUPPLY & WASH DOWN TAKE PIPE      | HW      |
| 09             | RETURN HOT WATER SUPPLY RISE PIPE                | HW      |
| 10             | 100MM DIA. UPVC WASH DOWN TAKE PIPE              | 100 W   |
| 11             | 1 1/4" DIA. MAIN UPVC RISE PIPE FOR TANK FILLING | 1 1/4 W |
| 12             | HEALTH TANK                                      | HT      |
| 13             | WC CONNECT                                       | WC      |
| 14             | WASH BASIN MIXTURE                               | WB      |
| 15             | GULLY-TRAP CHAMBER 300 MM X 300 MM               | GT      |
| 16             | MANHOLE CHAMBER 800 MM X 800 MM                  | MC      |
| 17             | CATCH-BASIN 800 MM X 800 MM                      | CB      |

| S.NO. | DESCRIPTION                           | PIPE SIZE  |
|-------|---------------------------------------|------------|
| 01    | WC TO SOIL AND VENT PIPE              | 100MM UPVC |
| 02    | FLOOR TRAP TO WASTE AND VENT PIPE     | 100MM UPVC |
| 03    | FLOOR DRAIN TO FLOOR TRAP             | 100MM UPVC |
| 04    | BOTTLE TRAP TO FLOOR DRAIN/FLOOR TRAP | 100MM UPVC |

| S.NO. | DESCRIPTION                        | PIPE SIZE |
|-------|------------------------------------|-----------|
| 01    | 100MM UPVC SOIL PIPE (SLOPE 1:70)  | 100 SV    |
| 02    | 100MM UPVC SOIL PIPE (SLOPE 1:70)  | 100 SV    |
| 03    | 100MM UPVC WASTE PIPE (SLOPE 1:70) | 100 W     |
| 04    | 100MM UPVC WASTE PIPE (SLOPE 1:70) | 100 W     |
| 05    | 100MM UPVC WASTE PIPE (SLOPE 1:70) | 100 W     |

| REV. | DESCRIPTION                                  | DATE     | ISSUED | CHKD. |
|------|----------------------------------------------|----------|--------|-------|
| 01   | Revision for building services incorporated  | 22.07.23 | ✓      | ✓     |
| 02   | Building adjusted for final book constraints | 15.07.23 | ✓      | ✓     |

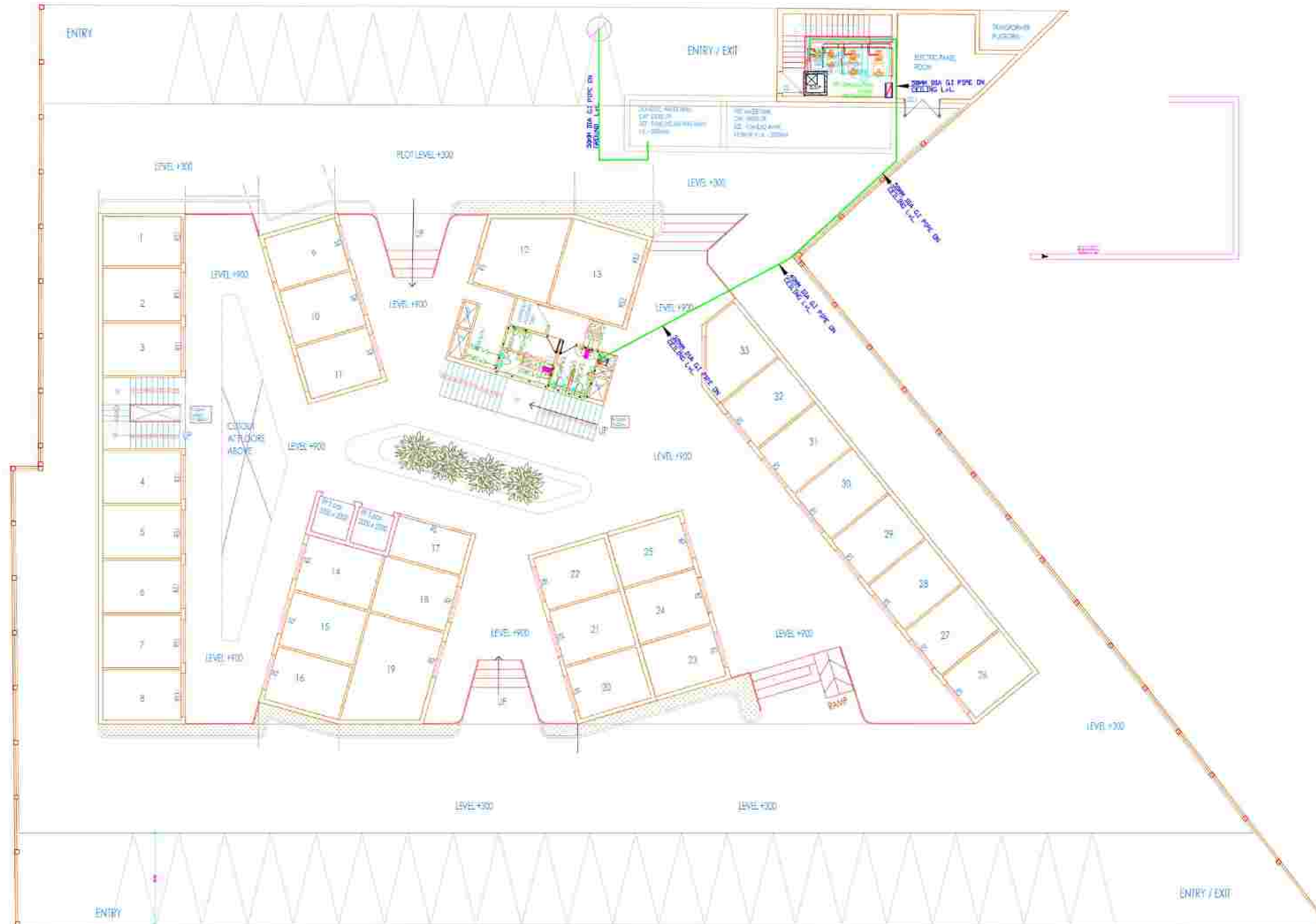
  

| REVISION INDEX                                                    |  |  |  |  |
|-------------------------------------------------------------------|--|--|--|--|
| MEP Consultant:-                                                  |  |  |  |  |
| <b>M.S ASSOCIATES</b>                                             |  |  |  |  |
| MEP CONSULTANT ENGINEERS                                          |  |  |  |  |
| 3-405, Gull Marg, 5th Floor, Sector 15, Gurgaon, Haryana - 122002 |  |  |  |  |
| Gurgaon, Haryana, India. Phone: +91 98910 10000                   |  |  |  |  |
| E-mail: msassociates@gmail.com, msassociates@yahoo.co.in          |  |  |  |  |
| Website: www.msassociates.com                                     |  |  |  |  |

|                                                                                                                                                                                                                                                |            |                             |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-----------------------------|--|
| DRAWING TITLE:-                                                                                                                                                                                                                                |            | DRAINAGE SYSTEM LAYOUT PLAN |  |
| CLIENT:-                                                                                                                                                                                                                                       |            | SITE & GROUND LAYOUT PLAN   |  |
| DATE                                                                                                                                                                                                                                           | 15.07.2023 | STAMP                       |  |
| DRN                                                                                                                                                                                                                                            | KLJ/01     |                             |  |
| CHKD                                                                                                                                                                                                                                           | A. KISHOR  |                             |  |
| SCALE                                                                                                                                                                                                                                          | AS SHOWN   |                             |  |
| ISSUED BY                                                                                                                                                                                                                                      | KLJ/01     |                             |  |
| DRAWING NO                                                                                                                                                                                                                                     | PL-01      | SHEET NO                    |  |
| PROJECT:- COMMERCIAL BUILDING AT TRANSPORT NAGAR, BULANSHAH, UP                                                                                                                                                                                |            |                             |  |
|                                                                                                                                                                                                                                                |            |                             |  |
| TECHNICAL INTERNATIONAL PVT. LTD.<br>3rd Floor, 3rd Main Road, 3rd Main Road, 3rd Main Road, 3rd Main Road, 3rd Main Road<br>Ph: +91 98910 10000 (10 Lines) / Fax: +91 98910 10000<br>Email: info@tipltd.com, sales@tipltd.com, www.tipltd.com |            |                             |  |

## GROUND FLOOR PLAN



## WATER SUPPLY LAYOUT PLAN SITE & GROUND FLOOR PLAN

MAIN ROAD

| LEGEND             |                                       |                 |
|--------------------|---------------------------------------|-----------------|
| S.NO.              | DESCRIPTION                           | SYMBOL          |
| 5.                 | 100MM DIA. UPVC SOIL & VENT PIPE      |                 |
| 6.                 | 100MM DIA. UPVC WASTE & VENT PIPE     |                 |
| 7.                 | 40MM DIA. UPVC DWS DOWN TAKE PIPE     |                 |
| 8.                 | 100MM DIA. UPVC RAIN WATER PIPE       |                 |
| 9.                 | HEALTH FAUCET                         |                 |
| 10.                | WC CONNECTER                          |                 |
| 11.                | WASH BASIN MIXTURE                    |                 |
| 12.                | GEYSER                                |                 |
| PIPE SIZE SCHEDULE |                                       |                 |
| S.NO.              | DESCRIPTION                           | PIPE SIZE       |
| 1.                 | WC TO SOIL AND VENT PIPE              | 100MM UPVC PIPE |
| 2.                 | FLOOR TRAP TO WASTE AND VENT PIPE     | 100MM UPVC PIPE |
| 3.                 | FLOOR DRAIN TO FLOOR TRAP             | 50MM UPVC PIPE  |
| 4.                 | BOTTLE TRAP TO FLOOR DRAIN/FLOOR TRAP | 50MM UPVC PIPE  |
| PIPE SCHEDULE      |                                       |                 |
| S.NO.              | DESCRIPTION                           | PIPE SIZE       |
| 1.                 | 100MM UPVC SOIL PIPE (SLOPE 1:70)     | 100MM SP        |
| 2.                 | 100MM UPVC SOIL PIPE (SLOPE 1:70)     | 100MM SP        |
| 3.                 | 100MM UPVC WASTE PIPE (SLOPE 1:70)    | 100MM WP        |
| 4.                 | 50MM UPVC WASTE PIPE (SLOPE 1:70)     | 50MM WP         |
| 5.                 | 50MM UPVC WASTE PIPE (SLOPE 1:70)     | 50MM WP         |

WEP Consultant:-

**M.S ASSOCIATES**

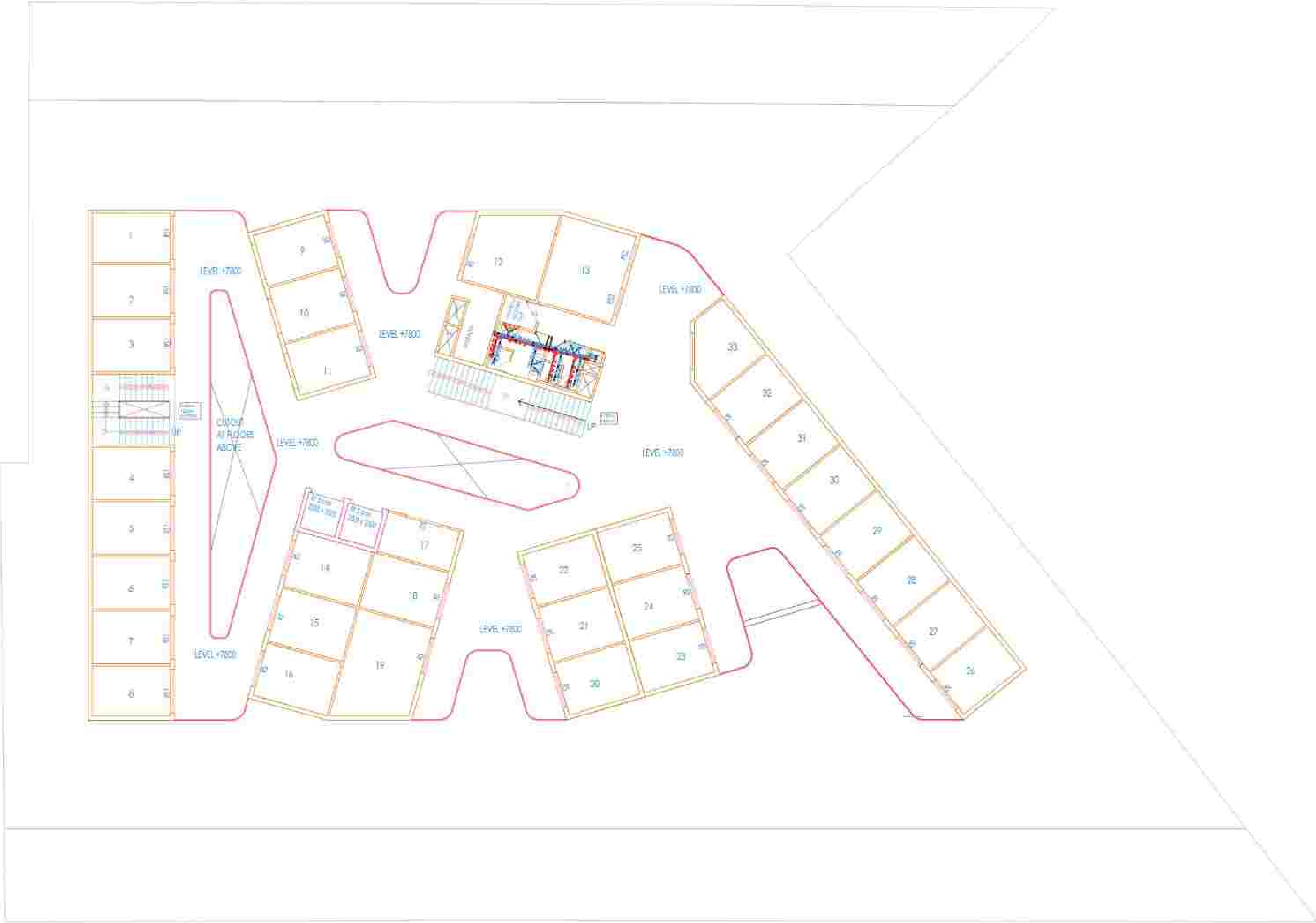
WEP CONSULTANT'S SIGNATURE  
S. NO. 241/14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 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1190, 1191, 1192, 1193, 1194, 1195, 1196, 1197, 1198, 1199, 1200, 1201, 1202, 1203, 1204, 1205, 1206, 1207, 1208, 1209, 1210, 1211, 1212, 1213, 1214, 1215, 1216, 1217, 1218, 1219, 1220, 1221, 1222, 1223, 1224, 1225, 1226, 1227, 1228, 1229, 1230, 1231, 1232, 1233, 1234, 1235, 1236, 1237, 1238, 1239, 1240, 1241, 1242, 1243, 1244, 1245, 1246, 1247, 1248, 1249, 1250, 1251, 1252, 1253, 1254, 1255, 1256, 1257, 1258, 1259, 1260, 1261, 1262, 1263, 1264, 1265, 1266, 1267, 1268, 1269, 1270, 1271, 1272, 1273, 1274, 1275, 1276, 1277, 1278, 1279, 1280, 1281, 1282, 1283, 1284, 1285, 1286, 1287, 1288, 1289, 1290, 1291, 1292, 1293, 1294, 1295, 1296, 1297, 1298, 1299, 1300, 1301, 1302, 1303, 1304, 1305, 1306, 1307, 1308, 1309, 1310, 1311, 1312, 1313, 1314, 1315, 1316, 1317, 1318, 1319, 1320, 1321, 1322, 1323, 1324, 1325, 1326, 1327, 1328, 1329, 1330, 1331, 1332, 1333, 1334, 1335, 1336, 1337, 1338, 1339, 1340, 1341, 1342, 1343, 1344, 1345, 1346, 1347, 1348, 1349, 1350, 1351, 1352, 1353, 1354, 1355, 1356, 1357, 1358, 1359, 1360, 1361, 1362, 1363, 1364, 1365, 1366, 1367, 1368, 1369, 1370, 1371, 1372, 1373, 1374, 1375, 1376, 1377, 1378, 1379, 1380, 1381, 1382, 1383, 1384, 1385, 1386, 1387, 1388, 1389, 1390, 1391, 1392, 1393, 1394, 1395, 1396, 1397, 1398, 1399, 1400, 1401, 1402, 1403, 1404, 1405, 1406, 1407, 1408, 1409, 1410, 1411, 1412, 1413, 1414, 1415, 1416, 1417, 1418, 1419, 1420, 1421, 1422, 1423, 1424, 1425, 1426, 1427, 1428, 1429, 1430, 1431, 1432, 1433, 1434, 1435, 1436, 1437, 1438, 1439, 1440, 1441, 1442, 1443, 1444, 1445, 1446, 1447, 1448, 1449, 1450, 1451, 1452, 1453, 1454, 1455, 1456, 1457, 1458, 1459, 1460, 1461, 1462, 1463, 1464, 1465, 1466, 1467, 1468, 1469, 1470, 1471, 1472, 1473, 1474, 1475, 1476, 1477, 1478, 1479, 1480, 1481, 1482, 1483, 1484, 1485, 1486, 1487, 1488, 1489, 1490, 1491, 1492, 1493, 1494, 1495, 1496, 1497, 1498, 1499, 1500, 1501, 1502, 1503, 1504, 1505, 1506, 1507, 1508, 1509, 1510, 1511, 1512, 1513, 1514, 1515, 1516, 1517, 1518, 1519, 1520, 1521, 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1688, 1689, 1690, 1691, 1692, 1693, 1694, 1695, 1696, 1697, 1698, 1699, 1700, 1701, 1702, 1703, 1704, 1705, 1706, 1707, 1708, 1709, 1710, 1711, 1712, 1713, 1714, 1715, 1716, 1717, 1718, 1719, 1720, 1721, 1722, 1723, 1724, 1725, 1726, 1727, 1728, 1729, 1730, 1731, 1732, 1733, 1734, 1735, 1736, 1737, 1738, 1739, 1740, 1741, 1742, 1743, 1744, 1745, 1746, 1747, 1748, 1749, 1750, 1751, 1752, 1753, 1754, 1755, 1756, 1757, 1758, 1759, 1760, 1761, 1762, 1763, 1764, 1765, 1766, 1767, 1768, 1769, 1770, 1771, 1772, 1773, 1774, 1775, 1776, 1777, 1778, 1779, 1780, 1781, 1782, 1783, 1784, 1785, 1786, 1787, 1788, 1789, 1790, 1791, 1792, 1793, 1794, 1795, 1796, 1797, 1798, 1799, 1800, 1801, 1802, 1803, 1804, 1805, 1806, 1807, 1808, 1809, 1810, 1811, 1812, 1813, 1814, 1815, 1816, 1817, 1818, 1819, 1820, 1821, 1822, 1823, 1824, 1825, 1826, 1827, 1828, 1829, 1830, 1831, 1832, 1833, 1834, 1835, 1836, 1837, 1838, 1839, 1840, 1841, 1842, 1843, 1844, 1845, 1846, 1847, 1848, 1849, 1850, 1851, 1852, 1853, 1854, 1855, 1856, 1857, 1858, 1859, 1860, 1861, 1862, 1863, 1864, 1865, 1866, 1867, 1868, 1869, 1870, 1871, 1872, 1873, 1874, 1875, 1876, 1877, 1878, 1879, 1880, 1881, 1882, 1883, 1884, 1885, 1886, 1887, 1888, 1889, 1890, 1891, 1892, 1893, 1894, 1895, 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904, 1905, 1906, 1907, 1908, 1909, 1910, 1911, 1912, 1913, 1914, 1915, 1916, 1917, 1918, 1919, 1920, 1921, 1922, 1923, 1924, 1925, 1926, 1927, 1928, 1929, 1930, 1931, 1932, 1933, 1934, 1935, 1936, 1937, 1938, 1939, 1940, 1941, 1942, 1943, 1944, 1945, 1946, 1947, 1948, 1949, 1950, 1951, 1952, 1953, 1954, 1955, 1956, 1957, 1958, 1959, 1960, 1961, 1962, 1963, 1964, 1965, 1966, 1967, 1968, 1969, 1970, 1971, 1972, 1973, 1974, 1975, 1976, 1977, 1978, 1979, 1980, 1981, 1982, 1983, 1984, 1985, 1986, 1987, 1988, 1989, 1990, 1991, 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034,



|                                                                                                                                                                                                                                                                                                                                                                                                       |               |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| <p>MEP Consultant:-</p> <p><b>M.S ASSOCIATES</b></p> <p>MEP CONSULTANTS PVT. LTD.</p> <p>3-402, 2nd Flr., 15, Naraina Road, Near Vardaan Durgam,<br/>Connaught Place, Upper Park, Ring Road, New Delhi (110028)<br/>E-MAIL: <a href="mailto:msassociates@gmail.com">msassociates@gmail.com</a>, <a href="mailto:msa2003@yahoo.co.in">msa2003@yahoo.co.in</a><br/>Ph: 011-2612-0281, 011-6593-1422</p> |               |
| <p>DRAWING TITLE :-</p> <p><b>FIRST FLOOR PLAN</b><br/><b>DRAINAGE SYSTEM LAYOUT PLAN</b></p>                                                                                                                                                                                                                                                                                                         |               |
| <p>CUSTOMER :-</p>                                                                                                                                                                                                                                                                                                                                                                                    |               |
| DATE                                                                                                                                                                                                                                                                                                                                                                                                  | 20/12/2008    |
| DRN                                                                                                                                                                                                                                                                                                                                                                                                   | KULUM         |
| CHKD                                                                                                                                                                                                                                                                                                                                                                                                  | ALAK KUMAR    |
| SCALE                                                                                                                                                                                                                                                                                                                                                                                                 |               |
| ISSUED BY                                                                                                                                                                                                                                                                                                                                                                                             | ENGINEER/INSP |
| DRAWING NO. -                                                                                                                                                                                                                                                                                                                                                                                         | PL-02         |
| <p>PROJECT :-</p> <p><b>COMMERCIAL BUILDING AT</b><br/><b>TRISTAR NAGAR, BULANDSHAHIR, UP</b></p>                                                                                                                                                                                                                                                                                                     |               |
| <p><b>TECHMECH</b></p> <p>TECHMECH INTERNATIONAL PVT. LTD.</p> <p>Corp Office: 1, S. K. K. Road - 51, Connaught Place, New Delhi-110028<br/>Phone: 011-46142616, 011-46161111, 172-46161111, 011-46161111<br/>E-mail: <a href="mailto:info@techmech.com">info@techmech.com</a>, <a href="mailto:techmech@techmech.com">techmech@techmech.com</a></p>                                                  |               |

M.S.A.

SECOND FLOOR PLAN



SECOND FLOOR PLAN  
DRAINAGE SYSTEM LAYOUT PLAN

| LEGEND             |                                       |                 |
|--------------------|---------------------------------------|-----------------|
| S.NO.              | DESCRIPTION                           | SYMBOL          |
| 1.                 | FLOOR DRAIN                           | FD              |
| 2.                 | FLOOR TRAP                            | FT              |
| 3.                 | BOTTLE TRAP CP BRASS                  | BT              |
| 4.                 | FLOOR CLEAN OUTLET                    | FCO             |
| 5.                 | 100MM DIA. UPVC SOIL & VENT PIPE      | 100 SV          |
| 6.                 | 100MM DIA. UPVC WASTE & VENT PIPE     | 100 W           |
| 7.                 | 40MM DIA. CPVC DWS DOWN TAKE PIPE     | 40 D            |
| 8.                 | 100MM DIA. UPVC RAIN WATER PIPE       | 100 RW          |
| PIPE SIZE SCHEDULE |                                       |                 |
| S.NO.              | DESCRIPTION                           | PIPE SIZE       |
| 1.                 | WG TO SOIL AND VENT PIPE              | 100MM UPVC PIPE |
| 2.                 | FLOOR TRAP TO WASTE AND VENT PIPE     | 100MM UPVC PIPE |
| 3.                 | FLOOR DRAIN TO FLOOR TRAP             | 50MM UPVC PIPE  |
| 4.                 | BOTTLE TRAP TO FLOOR DRAIN/FLOOR TRAP | 50MM UPVC PIPE  |
| PIPE SCHEDULE      |                                       |                 |
| S.NO.              | DESCRIPTION                           | PIPE SIZE       |
| 1.                 | 100MM UPVC SOIL PIPE (SLOPE 1/70)     | 100MM SV        |
| 2.                 | 100MM UPVC SOIL PIPE (SLOPE 1/70)     | 100MM SV        |
| 3.                 | 100MM UPVC WASTE PIPE (SLOPE 1/70)    | 100MM W         |
| 4.                 | 50MM UPVC WASTE PIPE (SLOPE 1/70)     | 50MM W          |
| 5.                 | 50MM UPVC WASTE PIPE (SLOPE 1/70)     | 50MM W          |

JACP Consultant:-  
**M.S. ASSOCIATES**  
JACP CONSULTANT & ENGINEER  
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Contact: 9810010001, 9810010002, 9810010003, 9810010004, 9810010005  
E-mail: msassociates@gmail.com, msassociates@yahoo.co.in

DRAWING TITLE:- **SECOND FLOOR PLAN  
DRAINAGE SYSTEM LAYOUT PLAN**

COUNT:-

|           |              |           |
|-----------|--------------|-----------|
| DATE      | 21.12.2024   | STAMP<br> |
| DRN       | 100/100      |           |
| CHKD      | ALAK KUMAR   |           |
| SCALE     | AS SHOWN     |           |
| ISSUED BY | ENGINEER/CLP |           |

DRAWING NO. :- PL-03 SHEET NO. :-

PROJECT :- **COMMERCIAL BUILDING AT  
TRANSPORT NAGAR, BILANSHAHIR, UP**

**TECHNISC**  
TECHNISC INTERNATIONAL PVT. LTD.  
Corp Office: 7, 8 & 9, 1st Flr, Chakrabarti, New Market, Delhi-110002  
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M.S.A.

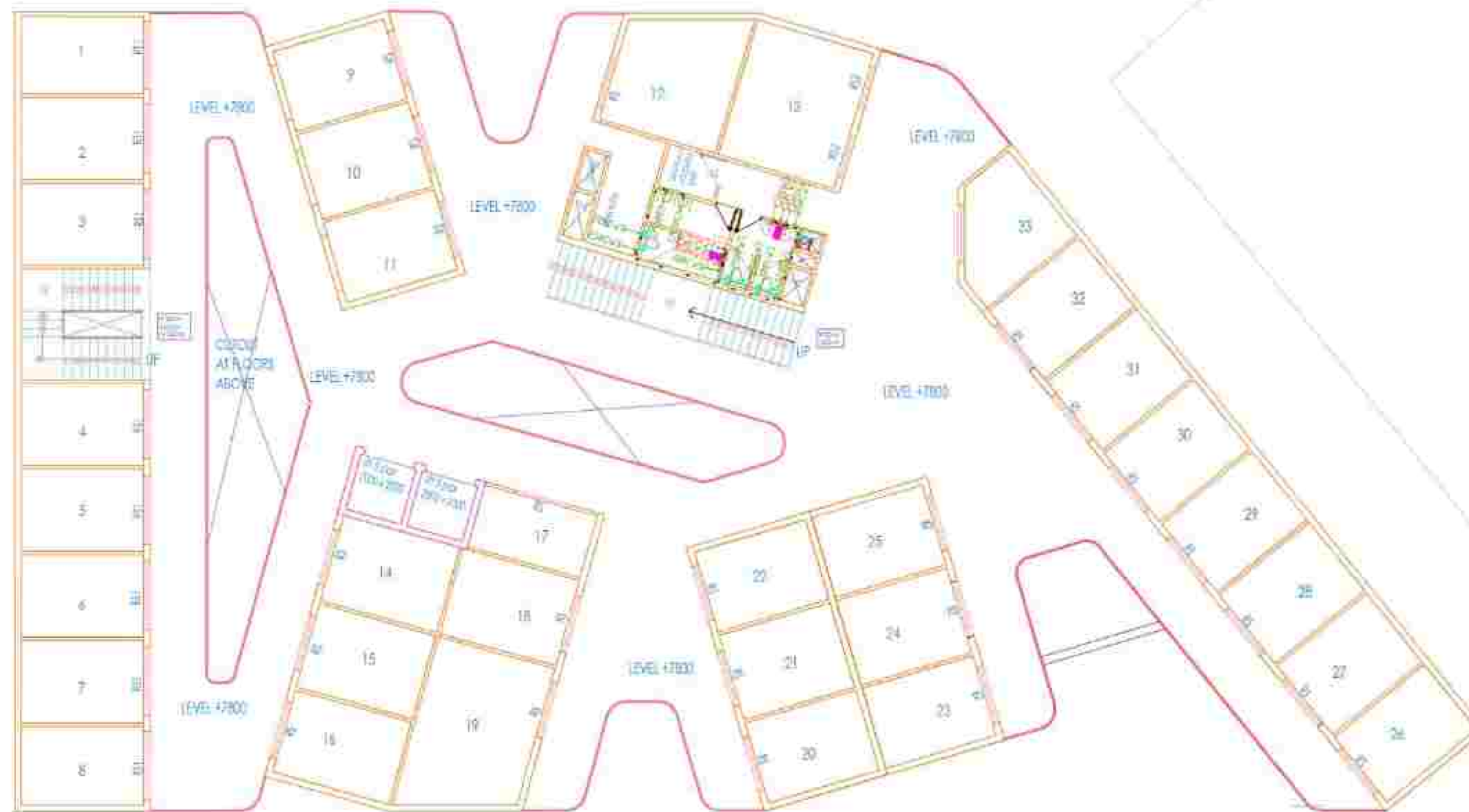
## FIRST FLOOR PLAN



## SECOND FLOOR PLAN WATER SUPPLY LAYOUT PLAN

| LEGEND                                                                       |                                       |                 |
|------------------------------------------------------------------------------|---------------------------------------|-----------------|
| S.NO                                                                         | DESCRIPTION                           | SYMBOL          |
| 5                                                                            | 100MM DIA. UPVC SOIL & VENT PIPE      |                 |
| 6                                                                            | 100MM DIA. UPVC WASTE & VENT PIPE     |                 |
| 7                                                                            | 40MM DIA. UPVC GAS DOWN TAKE PIPE     |                 |
| 8                                                                            | 100MM DIA. UPVC RAIN WATER PIPE       |                 |
| 9                                                                            | HEALTH FAUCET                         |                 |
| 10                                                                           | WC CONNECTER                          |                 |
| 11                                                                           | WASH BASIN MIXTURE                    |                 |
| 12                                                                           | SEWER                                 |                 |
| PIPE SIZE SCHEDULE                                                           |                                       |                 |
| S.NO                                                                         | DESCRIPTION                           | PIPE SIZE       |
| 1                                                                            | WC TO SOIL AND VENT PIPE              | 100MM UPVC PIPE |
| 2                                                                            | FLOOR TRAP TO WASTE AND VENT PIPE     | 100MM UPVC PIPE |
| 3                                                                            | FLOOR DRAIN TO FLOOR TRAP             | 50MM UPVC PIPE  |
| 4                                                                            | BOTTLE TRAP TO FLOOR DRAIN/FLOOR TRAP | 50MM UPVC PIPE  |
| PIPE SCHEDULE                                                                |                                       |                 |
| S.NO                                                                         | DESCRIPTION                           | PIPE SIZE       |
| 1                                                                            | 100MM UPVC SOIL PIPE (SLOPE 1:70)     | 100MM UP        |
| 2                                                                            | 100MM UPVC SOIL PIPE (SLOPE 1:70)     | 100MM UP        |
| 3                                                                            | 100MM UPVC WASTE PIPE (SLOPE 1:70)    | 100MM UP        |
| 4                                                                            | 50MM UPVC WASTE PIPE (SLOPE 1:70)     | 50MM UP         |
| 5                                                                            | 50MM UPVC WASTE PIPE (SLOPE 1:70)     | 50MM UP         |
| IACP Consultant:-                                                            |                                       |                 |
| <b>M.S ASSOCIATES</b>                                                        |                                       |                 |
| IACP CONSULTANT'S OFFICE                                                     |                                       |                 |
| 3-00, 2nd Flr, 15, Panchsheel Road, New Market, Chennai                      |                                       |                 |
| Contact: Mr. M. S. Associates, Panchsheel Road, New Market, Chennai (700009) |                                       |                 |
| E-Mail: msassociates@gmail.com, msassociates@yahoo.co.in                     |                                       |                 |
| Tel: 0912074020, 0916894402                                                  |                                       |                 |
| DRAWING TITLE:- <b>SECOND FLOOR PLAN</b>                                     |                                       |                 |
| WATER SUPPLY LAYOUT PLAN                                                     |                                       |                 |
| DATE:- 01/12/2004                                                            |                                       |                 |
| DRN:- 003/04                                                                 |                                       |                 |
| CHKD:- ALAN KODAK                                                            |                                       |                 |
| SCALE:-                                                                      |                                       |                 |
| ISSUED BY:- ENGINEER/ITP                                                     |                                       |                 |
| DRAWING NO:- PL-02                                                           |                                       |                 |
| SHEET NO:-                                                                   |                                       |                 |
| PROJECT:- COMMERCIAL BUILDING AT                                             |                                       |                 |
| TRANSPORT NAGAR, BULANSHAHAR, UP                                             |                                       |                 |
| TECHNICAL INTERNATIONAL PVT. LTD.                                            |                                       |                 |
| Tech Office: 1, 3, 8 & 9th Flr, 31, Chellur Road, New Market, Chennai        |                                       |                 |
| E-Mail: techintl@gmail.com, techintl@yahoo.co.in                             |                                       |                 |
| Tel: 0912074020, 0916894402                                                  |                                       |                 |

## SECOND FLOOR PLAN



## SECOND FLOOR PLAN

### WATER SUPPLY LAYOUT PLAN

| FIFTH                |                                       |                                                                                     |
|----------------------|---------------------------------------|-------------------------------------------------------------------------------------|
| S.NO                 | DESCRIPTION                           | SYMBOL                                                                              |
| 5                    | 100MM DIA. UPVC SOIL & VENT PIPE      |  |
| 6                    | 100MM DIA. UPVC WASTE & VENT PIPE     |  |
| 7                    | 40MM DIA. UPVC DRS DOWN TAKE PIPE     |  |
| 8                    | 100MM DIA. UPVC RAIN WATER PIPE       |  |
| 9                    | HEALTH FAUCET                         |  |
| 10                   | WC CONNECTER                          |  |
| 11                   | WASH BASIN MIXTURE                    |  |
| 12                   | SET/SEI                               |  |
| PIPE SIZE SCHEDULE:- |                                       |                                                                                     |
| S.NO                 | DESCRIPTION                           | PIPE SIZE                                                                           |
| 1                    | WC TO SOIL AND VENT PIPE              | 100MM UPVC PIPE                                                                     |
| 2                    | FLOOR TRAP TO WASTE AND VENT PIPE     | 100MM UPVC PIPE                                                                     |
| 3                    | FLOOR DRAIN TO FLOOR TRAP             | 50MM UPVC PIPE                                                                      |
| 4                    | BOTTLE TRAP TO FLOOR DRAIN/FLOOR TRAP | 50MM UPVC PIPE                                                                      |
| PIPE SCHEDULE:-      |                                       |                                                                                     |
| S.NO                 | DESCRIPTION                           | PIPE SIZE                                                                           |
| 1                    | 100MM UPVC SOIL PIPE (SLOPE 1:10)     | 100MM UP                                                                            |
| 2                    | 100MM UPVC SOIL PIPE (SLOPE 1:70)     | 100MM UP                                                                            |
| 3                    | 100MM UPVC WASTE PIPE (SLOPE 1:70)    | 100MM WP                                                                            |
| 4                    | 50MM UPVC WASTE PIPE (SLOPE 1:70)     | 50MM WP                                                                             |
| 5                    | 50MM UPVC WASTE PIPE (SLOPE 1:70)     | 50MM WP                                                                             |

MEP Consultants:-

M.S ASSOCIATES

ASEP (2025) 15(1) 1-10  
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DRAWING TITLE: **SECOND FLOOR PLAN**  
**WATER SUPPLY LAYOUT PLAN**

Cut

|           |             |                                                                                                |
|-----------|-------------|------------------------------------------------------------------------------------------------|
| DATE      | 20/11/2024  | STAMP<br> |
| DRN       | 40340       |                                                                                                |
| CHKD      | ALAK KUMAR  |                                                                                                |
| SCALE     |             |                                                                                                |
| ISSUED BY | EMPHORANT20 |                                                                                                |

|                    |            |
|--------------------|------------|
| DRAWING NO - PL-03 | SHEET NO - |
|--------------------|------------|

PROJECT:- COMMERCIAL BUILDING AT  
TRANSPORT NAGAR, BILANSHAHR, UP



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