



# SWEETFLAG

prepared for  
OWNER NAME  
XXXXXXX  
XXXXXXX  
by QUANTUM PASSIVHAUS

PROJECT NUMBER 23XXX  
SHEET NAME  
COVER SHEET

SHEET NUMBER  
**A-000**

| GFA        |                 |         |
|------------|-----------------|---------|
| NAME       | Level           | AREA    |
| Main Floor | T/O Slab - Main | 1055 SF |
| TOTAL      |                 | 1055 SF |

| NFA                   |                       |        |
|-----------------------|-----------------------|--------|
| ROOM                  | LEVEL                 | AREA   |
| T/O Slab - Main       |                       |        |
| DEN                   | T/O Slab - Main       | 129 SF |
| KITCHEN               | T/O Slab - Main       | 130 SF |
| LIVING / DINING       | T/O Slab - Main       | 317 SF |
|                       |                       | 576 SF |
| T/O Subfloor - Second |                       |        |
| BED II                | T/O Subfloor - Second | 133 SF |
| BED III               | T/O Subfloor - Second | 127 SF |
| PRIMARY               | T/O Subfloor - Second | 151 SF |
|                       |                       | 411 SF |
| TOTAL                 |                       | 987 SF |

| ROOM SCHEDULE   |                       |        |
|-----------------|-----------------------|--------|
| Name            | Level                 | Area   |
| KITCHEN         | T/O Slab - Main       | 129 SF |
| DEN             | T/O Slab - Main       | 134 SF |
| ENTRY           | T/O Slab - Main       | 72 SF  |
| BATH            | T/O Slab - Main       | 63 SF  |
| CL              | T/O Slab - Main       | 7 SF   |
| LIVING / DINING | T/O Slab - Main       | 322 SF |
| PANTRY          | T/O Slab - Main       | 12 SF  |
| BED III         | T/O Subfloor - Second | 131 SF |
| PRIMARY         | T/O Subfloor - Second | 154 SF |
| BED II          | T/O Subfloor - Second | 138 SF |
| UTILITY         | T/O Subfloor - Second | 65 SF  |
| BATH            | T/O Subfloor - Second | 78 SF  |
| CL              | T/O Subfloor - Second | 6 SF   |
| CL              | T/O Subfloor - Second | 7 SF   |
| CL              | T/O Subfloor - Second | 11 SF  |
| CL              | T/O Subfloor - Second | 9 SF   |
| HALL            | T/O Subfloor - Second | 75 SF  |
| READING NOOK    | T/O Subfloor - Second | 48 SF  |

| FLOOR MATERIAL - BY TYPE                                 |          |                       |
|----------------------------------------------------------|----------|-----------------------|
| MATERIAL                                                 | Area     | Level                 |
| 001. S1 - Exterior - 6" Concrete w/ 16" Rigid Insulation |          |                       |
| <varies>                                                 | 1039 SF  | T/O Slab - Main       |
| Floor Finish - Bathroom                                  |          |                       |
| Floor - Tile - Option 1                                  | 64 SF    | T/O Slab - Main       |
| Floor Finish - Kitchen                                   |          |                       |
| Floor - Tile - Option 2                                  | 132 SF   | T/O Slab - Main       |
| Floor Finish - Main Area                                 |          |                       |
| Floor - Planks - Option 1                                | <varies> | T/O Slab - Main       |
| Floor Finish - Mudroom                                   |          |                       |
| Floor - Tile - Option 1                                  | 95 SF    | T/O Slab - Main       |
| Grass                                                    |          |                       |
| <varies>                                                 | 29825 SF | T/O Slab - Main       |
| Living/ Dining- Dark wood parquet - Interior             |          |                       |
| Flooring - dark parquet - Interiors                      | 88 SF    | T/O Subfloor - Second |
| Parking                                                  |          |                       |
| Parking                                                  | 1203 SF  | T/O Slab - Main       |
| Shoe moulding                                            |          |                       |
| Floor - Marble - Entrance - Sweetflag                    | <varies> | T/O Slab - Main       |
| Floor - Marble - Entrance - Sweetflag                    | 13 SF    | T/O Subfloor - Second |
| Shoe moulding bathroom/ laundry                          |          |                       |
| Floor - Stone Tiles - Bathroom/ Laundry                  | 3 SF     | T/O Slab - Main       |
| Floor - Stone Tiles - Bathroom/ Laundry                  | <varies> | T/O Subfloor - Second |
| Shoe moulding Bedrooms                                   |          |                       |
| Flooring - White wood- Bedrooms - Option A               | <varies> | T/O Subfloor - Second |
| Shoe moulding ceramic wood                               |          |                       |
| Flooring - Ceramic Wood - Kitchen                        | 2 SF     | T/O Slab - Main       |
| Shoe moulding living/dining wood                         |          |                       |
| Flooring - dark parquet - Interiors                      | 4 SF     | T/O Slab - Main       |
| Flooring - dark parquet - Interiors                      | 1 SF     | T/O Subfloor - Second |
| Stone Vegetation                                         |          |                       |
| Pebbles 02, White                                        | 347 SF   | T/O Slab - Main       |
| Tile - Bathroom and Laundry                              |          |                       |
| Floor - Stone Tiles - Bathroom/ Laundry                  | <varies> | T/O Subfloor - Second |
| Walking Path                                             |          |                       |
| Walking Path                                             | 441 SF   | T/O Slab - Main       |
| White wood parquet - Bedrooms A                          |          |                       |
| Flooring - White wood- Bedrooms - Option A               | <varies> | T/O Subfloor - Second |
| wood walkway                                             |          |                       |
| Madera Vieja                                             | 71 SF    | T/O Slab - Main       |

| ROOF MATERIAL - BY TYPE                               |         |  |
|-------------------------------------------------------|---------|--|
| MATERIAL                                              | AREA    |  |
| 003. R3 - Stick Framed Roof - 2x10                    |         |  |
| Membrane - Ice & Water Shield, On-site                | 1466 SF |  |
| Mitten - Triple 4" - Lunced Center Vent Soffit - Bone | 1463 SF |  |
| Roofing - Asphalt Shingle                             | 1466 SF |  |
| Wood - Dimensional Lumber (2x4), On-site              | 1466 SF |  |
| Wood - Plywood, Wall Sheathing (5/8"), On-site        | 1466 SF |  |
| 003. R3 - Stick Framed Roof - 2x10 - Non Insulated    |         |  |
| Membrane - Ice & Water Shield, On-site                | 102 SF  |  |
| Roofing - Asphalt Shingle                             | 102 SF  |  |
| Wood - Dimensional Lumber (2x4), On-site              | 102 SF  |  |
| Wood - Plywood, Wall Sheathing (5/8"), On-site        | 102 SF  |  |

| FASCIA MATERIAL    |                 |
|--------------------|-----------------|
| MATERIAL           | LENGTH          |
| Fascia - Black 10" |                 |
| Fascia - Black     | :37' - 11"      |
| Fascia - Black 12" |                 |
| Fascia - Black     | 154' - 2 15/32" |

| CEILING MATERIAL            |        |                       |
|-----------------------------|--------|-----------------------|
| MATERIAL                    | AREA   | Level                 |
| T/O Slab - Main             |        |                       |
| Wall Finish - White Plaster | 759 SF | T/O Slab - Main       |
| T/O Subfloor - Second       |        |                       |
| Wall Finish - White Plaster | 104 SF | T/O Subfloor - Second |

| TAKEOFF - WALLS - NORTH                                              |                |          |        |                     |         |
|----------------------------------------------------------------------|----------------|----------|--------|---------------------|---------|
| WALL TYPE                                                            | LENGTH         | HEIGHT   | AREA   | LEVEL               | MARK    |
| 001. W2a - Exterior - QP 16" WP c/w service cavity 2 washroom finish | 4' - 2 1/32"   | 18' - 0" | 95 SF  | Main & Second Floor | Passive |
| 001. W2a - Exterior - QP 16" WP c/w service cavity                   | 29' - 0 29/32" | 20' - 0" | 517 SF | Main & Second Floor | Passive |
| Passive                                                              | 33' - 2 15/16" |          | 612 SF |                     |         |
| Grand total                                                          | 33' - 2 15/16" |          | 612 SF |                     |         |

| TAKEOFF - WALLS - EAST                             |                |              |        |                     |         |
|----------------------------------------------------|----------------|--------------|--------|---------------------|---------|
| WALL TYPE                                          | LENGTH         | HEIGHT       | AREA   | LEVEL               | MARK    |
| 001. W2a - Exterior - QP 16" WP c/w service cavity | 28' - 2 15/16" | 15' - 9 1/2" | 480 SF | Main & Second Floor | Passive |
| Passive                                            | 28' - 2 15/16" |              | 480 SF |                     |         |
| Grand total                                        | 28' - 2 15/16" |              | 480 SF |                     |         |

| TAKEOFF - WALLS - SOUTH                            |                |          |        |                     |         |
|----------------------------------------------------|----------------|----------|--------|---------------------|---------|
| WALL TYPE                                          | LENGTH         | HEIGHT   | AREA   | LEVEL               | MARK    |
| 001. W2a - Exterior - QP 16" WP c/w service cavity | 33' - 2 15/16" | 17' - 0" | 410 SF | Main & Second Floor | Passive |
| Passive                                            | 33' - 2 15/16" |          | 410 SF |                     |         |
| Grand total                                        | 33' - 2 15/16" |          | 410 SF |                     |         |

| TAKEOFF - WALLS - WEST |              |              |        |                     |         |
|------------------------|--------------|--------------|--------|---------------------|---------|
| WALL TYPE              | LENGTH       | HEIGHT       | AREA   | LEVEL               | MARK    |
| <varies>               | 28' - 3 1/8" | 15' - 9 1/2" | 468 SF | Main & Second Floor | Passive |
| Passive                | 28' - 3 1/8" |              | 468 SF |                     |         |
| Grand total            | 28' - 3 1/8" |              | 468 SF |                     |         |

| WALL MATERIAL - Service Cavity                                       |                |                |                     |
|----------------------------------------------------------------------|----------------|----------------|---------------------|
| MATERIAL                                                             | PROJECTED AREA | Length         | Comments            |
| 001. W2a - Exterior - QP 16" WP c/w service cavity                   |                |                |                     |
| Wood Framing - Dimensional Lumber (2x4), On-site                     | 353 SF         | 21' - 0 29/32" | Main & Second Floor |
| Wood Framing - Dimensional Lumber (2x4), On-site                     | 479 SF         | 28' - 2 15/16" | Main & Second Floor |
| Wood Framing - Dimensional Lumber (2x4), On-site                     | 517 SF         | 29' - 0 29/32" | Main & Second Floor |
| Wood Framing - Dimensional Lumber (2x4), On-site                     | 410 SF         | 33' - 2 15/16" | Main & Second Floor |
| Main & Second Floor                                                  | 1759 SF        |                |                     |
| 001. W2a - Exterior - QP 16" WP c/w service cavity 2 washroom finish |                |                |                     |
| Wood Framing - Dimensional Lumber (2x4), On-site                     | 95 SF          | 4' - 2 1/32"   | Main & Second Floor |
| Wood Framing - Dimensional Lumber (2x4), On-site                     | 115 SF         | 7' - 2 7/32"   | Main & Second Floor |
| Main & Second Floor                                                  | 209 SF         |                |                     |
| 001. W2a - Exterior - QP 16" WP c/w service cavity red               |                |                |                     |
| Wood Framing - Dimensional Lumber (2x4), On-site                     | 67 SF          | 29' - 0 29/32" |                     |
| Wood Framing - Dimensional Lumber (2x4), On-site                     | 158 SF         | 35' - 0 7/8"   |                     |
|                                                                      | 225 SF         |                |                     |

| WALL SCHEDULE                                                        |                 |         |
|----------------------------------------------------------------------|-----------------|---------|
| TYPE                                                                 | LENGTH          | AREA    |
| 001. W2a - Exterior - QP 16" WP c/w service cavity                   | 111' - 7 11/16" | 1760 SF |
| 001. W2a - Exterior - QP 16" WP c/w service cavity 2 washroom finish | 11' - 4 1/4"    | 210 SF  |
| 001. W2a - Exterior - QP 16" WP c/w service cavity red               | 64' - 1 25/32"  | 225 SF  |

| WALL MATERIAL - BY TYPE                                          |                |
|------------------------------------------------------------------|----------------|
| MATERIAL                                                         | PROJECTED AREA |
| 001. W2a - Exterior - QP 16" WP c/w service cavity               |                |
| Insulation - 16" Ecobatt                                         | 1745 SF        |
| Interior Finish - Gypsum Wall Board, (1/2")                      | 1760 SF        |
| Membrane - Intello Smart Vapour Retarder                         | 1760 SF        |
| Membrane - Mento Air Infiltration Barrier                        | 1760 SF        |
| Wood - OSB Wall Sheathing (7/16"), Pre-fab.                      | 1753 SF        |
| Wood Framing - Dimensional Lumber (2x4), On-site                 | 1759 SF        |
| Wood Framing - Dimensional Lumber (2x4), Pre-fab.                | 3480 SF        |
| Wood Strapping - Dimensional Lumber (1x4 Double Layer), Pre-fab. | 1722 SF        |

|                                                                      |        |
|----------------------------------------------------------------------|--------|
| 001. W2a - Exterior - QP 16" WP c/w service cavity 2 washroom finish |        |
| Black stone for bathroom walls Sweetflag                             | 210 SF |
| Blue Facade                                                          | 205 SF |
| Insulation - 16" Ecobatt                                             | 208 SF |
| Membrane - Intello Smart Vapour Retarder                             | 210 SF |
| Membrane - Mento Air Infiltration Barrier                            | 210 SF |
| Wood - OSB Wall Sheathing (7/16"), Pre-fab.                          | 209 SF |
| Wood Framing - Dimensional Lumber (2x4), On-site                     | 209 SF |
| Wood Framing - Dimensional Lumber (2x4), Pre-fab.                    | 414 SF |

|                                                        |        |
|--------------------------------------------------------|--------|
| 001. W2a - Exterior - QP 16" WP c/w service cavity red |        |
| Insulation - 16" Ecobatt                               | 225 SF |
| Membrane - Intello Smart Vapour Retarder               | 225 SF |
| Membrane - Mento Air Infiltration Barrier              | 225 SF |
| Red Facade                                             | 225 SF |
| Wall Finish - White Plaster                            | 225 SF |
| Wood - OSB Wall Sheathing (7/16"), Pre-fab.            | 225 SF |
| Wood Framing - Dimensional Lumber (2x4), On-site       | 225 SF |
| Wood Framing - Dimensional Lumber (2x4), Pre-fab.      | 450 SF |

|                                                                      |        |
|----------------------------------------------------------------------|--------|
| 007. W1c - Interior - 2x6 Partition c/w Comfortbatt Sound Insulation |        |
| Interior Finish - Gypsum Wall Board, (1/2")                          | 348 SF |
| Wood Framing - Dimensional Lumber (2x6), On-site w/ sound insulation | 174 SF |

| TAKEOFF - PARTITION WALLS                                            |                |            |          |
|----------------------------------------------------------------------|----------------|------------|----------|
| Type                                                                 | Length         | Total Area | Comments |
| 007. W1c - Interior - 2x6 Partition c/w Comfortbatt Sound Insulation | 21' - 10 1/32" | 349 SF     |          |
| Interior - 3 1/8" Partition (1-hr)                                   | 169' - 4 5/32" | 2892 SF    |          |
| Interior - 3 1/8" Partition (1-hr) 2 washroom tile                   | 16' - 2 1/8"   | 371 SF     |          |
|                                                                      | 207' - 4 5/16" | 3612 SF    |          |
| Grand total                                                          | 207' - 4 5/16" | 3612 SF    |          |

| DRYWALL TAKEOFF - WALLS                                              |         |
|----------------------------------------------------------------------|---------|
| MATERIAL                                                             | AREA    |
| 001. W2a - Exterior - QP 16" WP c/w service cavity                   |         |
| Interior Finish - Gypsum Wall Board, (1/2")                          | 1760 SF |
| 007. W1c - Interior - 2x6 Partition c/w Comfortbatt Sound Insulation |         |
| Interior Finish - Gypsum Wall Board, (1/2")                          | 348 SF  |
| Interior - 3 1/8" Partition (1-hr)                                   |         |
| Gypsum Wall Board                                                    | 5773 SF |
| Interior - 3 1/8" Partition (1-hr) 2 washroom tile                   |         |
| Gypsum Wall Board                                                    | 371 SF  |
| Grand total                                                          | 8252 SF |

| WALL MATERIAL - TOTALS                                               |              |
|----------------------------------------------------------------------|--------------|
| MATERIAL                                                             | SURFACE AREA |
| Black stone for bathroom walls Sweetflag                             | 395 SF       |
| Blue Facade                                                          | 205 SF       |
| Gypsum Wall Board                                                    | 6144 SF      |
| Insulation - 16" Ecobatt                                             | 2178 SF      |
| Interior Finish - Gypsum Wall Board, (1/2")                          | 2108 SF      |
| Kohler-Neocroc-CM4-Matte_Grey                                        | 14 SF        |
| Madera Vieja                                                         | 90 SF        |
| Membrane - Intello Smart Vapour Retarder                             | 2195 SF      |
| Membrane - Mento Air Infiltration Barrier                            | 2195 SF      |
| Metal Stud Layer                                                     | 1630 SF      |
| Red Facade                                                           | 225 SF       |
| Wall Finish - White Plaster                                          | 436 SF       |
| Wood - OSB Wall Sheathing (7/16"), Pre-fab.                          | 2186 SF      |
| Wood Framing - Dimensional Lumber (2x4), On-site                     | 2193 SF      |
| Wood Framing - Dimensional Lumber (2x4), Pre-fab.                    | 4344 SF      |
| Wood Framing - Dimensional Lumber (2x6), On-site w/ sound insulation | 174 SF       |
| Wood Strapping - Dimensional Lumber (1x4 Double Layer), Pre-fab.     | 1722 SF      |

ISSUE:      DATE:      TO:

SWEETFLAG



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| PROJECT NAME |                   |
|--------------|-------------------|
| SWEETFLAG    |                   |
| DRAWN BY     | SAZ               |
| CHECKED BY   | Checker           |
| BCIN NO.     | XXXX              |
| PROJECT NO.  | 23XXX             |
| SHEET TITLE  | MATERIAL TAKE-OFF |
| SHEET NO.    |                   |

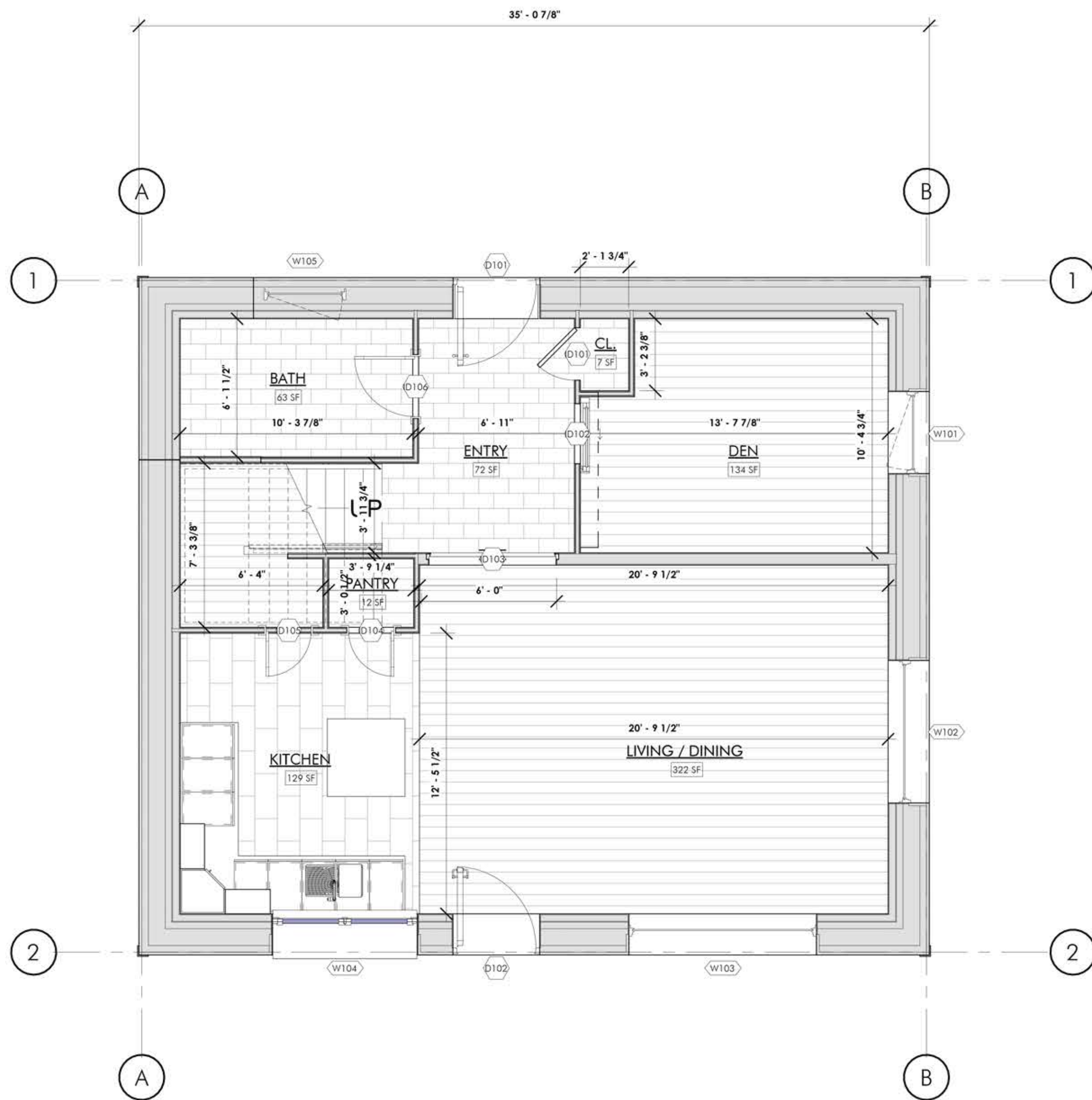
A-006

ISSUE SET : 23/XX/XX

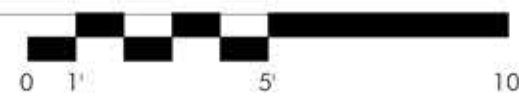
SWEETFLAG



**DIMENSION NOTE:**  
ALL DIMENSIONS REFERENCE OUTSIDE FACE OF STUD UNLESS OTHERWISE NOTED OR REFERENCING A GRID LINE.  
  
DIMENSIONS TO STRUCTURAL BEAMS AND COLUMNS REFERENCE CENTRELINE UNLESS OTHERWISE NOTED.



## 1 MAIN LEVEL FLOOR PLAN

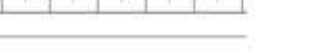
$$1/4'' = 1'-0''$$


### COLUMN SCHEDULE

| TAG | STRUCTURAL MEMBER | DESCRIPTION | COMMENTS |
|-----|-------------------|-------------|----------|
|-----|-------------------|-------------|----------|

## FLOOR ASSEMBLIES

## INTERIOR FLOORS

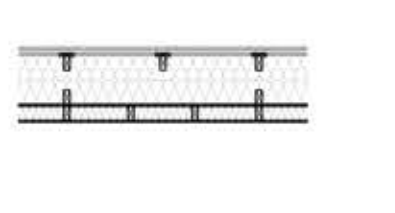
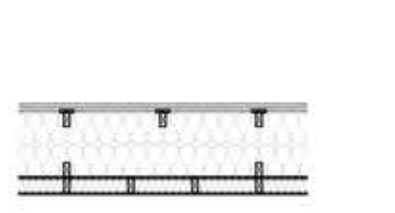
|    |                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| F1 |  | <p>FLOOR FINISH (REFER TO FINISH SCHEDULE IF APPLICABLE)</p> <p>MIN. 4" THICK C.I.P. CONCRETE SLAB</p> <p>MIN. 200#P CONCRETE (SEE STRUCTURAL DRAWING#S)</p> <p>6 MIL POLY VAPOUR BARRIER OR APPROVED EQUIVALENT</p> <p>16 EPS TYPE 3 (30 psi) SUBSLAB INSULATION</p> <p>AMB. &amp; GRAB J. COMPACTED TO 98%</p> <p>NATIVE SOIL OR ENGINEERED FILL</p>                                                                                                                                                                                          |
| F2 |  | <p>FRAMED UPPER FLOOR</p> <p>FLOOR FINISH (REFER TO FINISH SCHEDULE IF APPLICABLE)</p> <p>3/4" PLYWOOD SHEATHING (GLUED &amp; SCREWED)</p> <p>11" / 8" OPEN-WEB JOISTS INSTALLED PER MFCI'S INSTRUCTIONS</p> <p>SEE FLOOR FRAMING LAYOUT FOR GRADE &amp; SPACING</p> <p>3 1/2" ROXUL SAFESOUND INSULATION FOR SOUND ATTENUATION</p> <p>IN JOIST CAVITIES WHERE SPECIFIED</p> <p>CEILING FINISH (REFER TO FINISH SCHEDULE IF APPLICABLE)</p>                                                                                                     |
| F3 |  | <p>FRAMED FLOOR EXPOSED TO EXTERIOR</p> <p>FLOOR FINISH (REFER TO FINISH SCHEDULE IF APPLICABLE)</p> <p>3/4" PLYWOOD SHEATHING (GLUED &amp; SCREWED)</p> <p>SUBFLOOR JOINTS AND PENETRATIONS TAPED AIRTIGHT</p> <p>11" / 8" OPEN-WEB JOISTS INSTALLED PER MFCI'S INSTRUCTIONS</p> <p>SEE FLOOR FRAMING LAYOUT FOR GRADE &amp; SPACING</p> <p>1" ECOWATT INSULATION IN JOIST CAVITIES</p> <p>1/2" PLYWOOD SHEATHING</p> <p>MIN. 100 AIR BARRIER</p> <p>1M4 STRAPPING @ 16" c/c</p> <p>SOFFIT FINISH (REFER TO FINISH SCHEDULE IF APPLICABLE)</p> |

## WALL ASSEMBLIES

## INTERIOR WALLS

|                                                                                     |                                                                                     |                                                                                                                                                                                                                                              |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  |  | <p>2x6 FRAMED PARTITION; FINISH BOTH SIDES<br/>         WALL FINISH (REFER TO FINISH SCHEDULES IF APPLICABLE)<br/>         2x4 SPF No. 1/No. 2 FRAMED WALL @ 16" O.C.<br/>         WALL FINISH (REFER TO FINISH SCHEDULES IF APPLICABLE)</p> |
|  |  | <p>2x6 FRAMED PARTITION; FINISH BOTH SIDES<br/>         WALL FINISH (REFER TO FINISH SCHEDULES IF APPLICABLE)<br/>         2x4 SPF No. 1/No. 2 FRAMED WALL @ 16" O.C.<br/>         WALL FINISH (REFER TO FINISH SCHEDULES IF APPLICABLE)</p> |

### EXTERIOR WALLS

|     |                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-----|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| W2a |  | <p><b>12" PRE-FABRICATED QP WALL PANEL</b><br/> <b>INTERIOR</b><br/>         WALL FINISH (REFER TO FINISH SCHEDULES IF APPLICABLE)<br/>         2" NON-LOAD-BEARING SHEATHING CAVITY c/w ECOBATT INSULATION<br/>         STUDS @ 16" c/c<br/>         INTELLI-X SMART VAPOUR CONTROL MEMBRANE<br/>         7/16" OSB SHEATHING<br/> <b>12" PRE-FABRICATED LOAD-BEARING PANEL c/w ECOBATT INSULATION</b><br/>         MENTO WRB MEMBRANE<br/>         TWO LAYERS WOOD STRAPPING (ENSURE INTERIOR LAYER VERTICAL)<br/>         LIGHTWEIGHT CLADDING<br/> <b>EXTERIOR</b></p> |
| W2b |  | <p><b>12" PRE-FABRICATED QP WALL PANEL</b><br/> <b>INTERIOR</b><br/>         WALL FINISH (REFER TO FINISH SCHEDULES IF APPLICABLE)<br/>         2" NON-LOAD-BEARING SHEATHING CAVITY c/w ECOBATT INSULATION<br/>         STUDS @ 16" c/c<br/>         INTELLI-X SMART VAPOUR CONTROL MEMBRANE<br/>         7/16" OSB SHEATHING<br/> <b>12" PRE-FABRICATED LOAD-BEARING PANEL c/w ECOBATT INSULATION</b><br/>         MENTO WRB MEMBRANE<br/>         TWO LAYERS WOOD STRAPPING (ENSURE INTERIOR LAYER VERTICAL)<br/>         LIGHTWEIGHT CLADDING<br/> <b>EXTERIOR</b></p> |

WALLS AROUND BATHROOMS SHALL BE FILLED WITH ROXUL SAFE'N'SOUND INSULATION (OR EQUIVALENT) FOR SOUND ATTENUATION.

REPLACE 1/2" GYPSUM WALL BOARD WITH 1/2" GREEN BOARD AT ALL HUMID LOCATIONS (BATHROOMS) AND WITH 1/2" CEMENT BOARD AT ALL WET LOCATIONS (SHOWERS, BATHTUBS) AS APPLICABLE.

## ROOF ASSEMBLIES

## STRUCTURAL ROOFS

**R1**

**R2**

**R3**

ISSUE:                      DATE:                      TO:

SWEETFLAG

# SWEETFLAG



## QUANTUM PASSIVHAUS

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Minden, Ontario, Canada  
K0M 2K0

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sales@quantumpassivhaus.com  
www.quantumpassivhaus.com

PROJECT  
NAME

|          |         |
|----------|---------|
| DRAWN    | SAZ     |
| BY       |         |
| CHECKED  | Checker |
| BY       |         |
| BCIN NO. | XXXXX   |

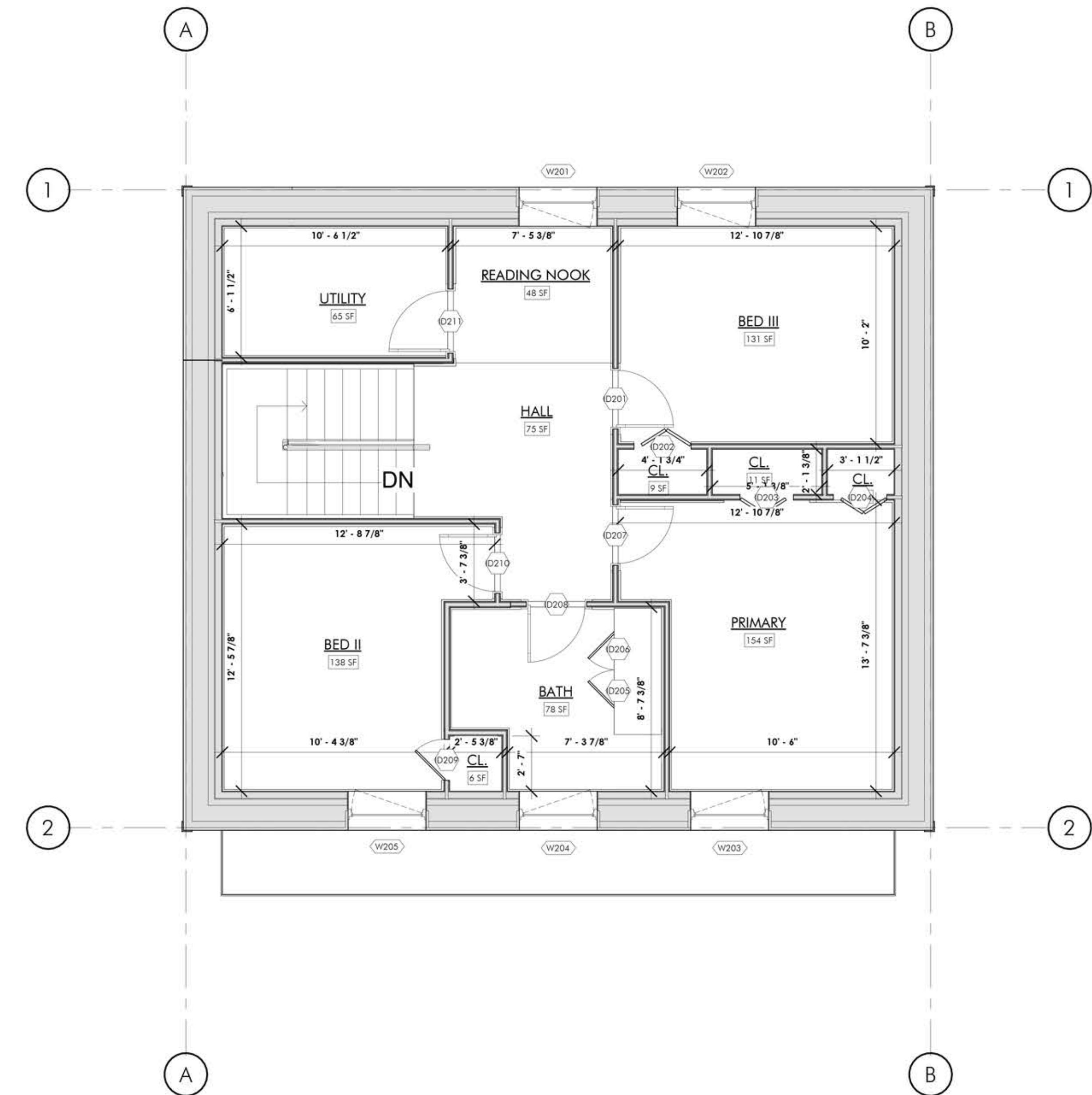
|         |                         |
|---------|-------------------------|
| PROJECT | 23XXX                   |
| NO.     |                         |
| SHEET   |                         |
| TITLE   | FLOOR PLAN - MAIN LEVEL |

SHEET NO.

A-101

ISSUE SET : 23/XX/XX

DIMENSION NOTE:  
ALL DIMENSIONS REFERENCE OUTSIDE FACE OF STUD UNLESS OTHERWISE NOTED OR REFERENCE A GRID LINE.  
DIMENSIONS TO STRUCTURAL BEAMS AND COLUMNS REFERENCE CENTRELINE UNLESS OTHERWISE NOTED.

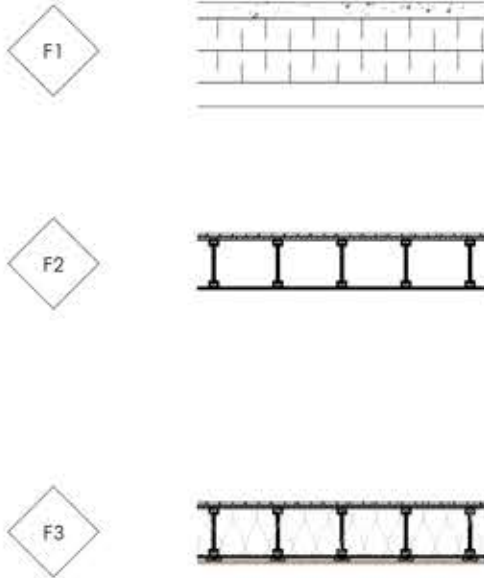


1 UPPER LEVEL FLOOR PLAN  
1/4" = 1'-0"

| COLUMN SCHEDULE |                   |             |          |
|-----------------|-------------------|-------------|----------|
| TAG             | STRUCTURAL MEMBER | DESCRIPTION | COMMENTS |

FLOOR ASSEMBLIES

INTERIOR FLOORS



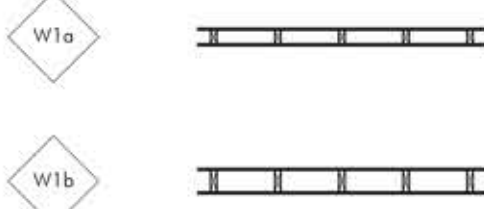
CONCRETE SLAB FLOOR  
FLOOR FINISH (REFER TO FINISH SCHEDULE IF APPLICABLE)  
MIN. 4" THICK C.I.P. CONCRETE SLAB  
MIN. 20MPa CONCRETE (SEE STRUCTURAL DRAWINGS)  
6 MIL POLY VAPOUR BARRIER OR APPROVED EQUIVALENT  
1 1/2" EPS TYPE 3 (30 psi) SUBSLAB INSULATION  
MIN. 6" GRAIN 'A' COMPACTED TO 98%  
NATIVE SOIL OR ENGINEERED FILL

FRAMED UPPER FLOOR  
FLOOR FINISH (REFER TO FINISH SCHEDULE IF APPLICABLE)  
3/4" PLYWOOD SHEATHING (GLUED & SCREWED)  
1 1/8" OPEN-WEB JOISTS INSTALLED PER MNFCF'S INSTRUCTIONS (SEE FLOOR FRAMING LAYOUT FOR GRADE & SPACING)  
3 1/2" ROXUL SAFESOUND INSULATION FOR SOUND ATTENUATION IN JOIST CAVITIES WHERE SPECIFIED  
CEILING FINISH (REFER TO FINISH SCHEDULE IF APPLICABLE)

FRAMED FLOOR EXPOSED TO EXTERIOR  
FLOOR FINISH (REFER TO FINISH SCHEDULE IF APPLICABLE)  
3/4" PLYWOOD SHEATHING (GLUED & SCREWED)  
SUBFLOOR JOINTS AND PENETRATIONS TAPED AIRTIGHT  
1 1/8" OPEN-WEB JOISTS INSTALLED PER MNFCF'S INSTRUCTIONS (SEE FLOOR FRAMING LAYOUT FOR GRADE & SPACING)  
1 1/2" ECOBATT INSULATION IN JOIST CAVITIES  
1/2" PLYWOOD SHEATHING  
MENTO 100 AIR BARRIER  
1X4 STRAPPING @ 16" c/c  
SOFFIT FINISH (REFER TO FINISH SCHEDULE IF APPLICABLE)

WALL ASSEMBLIES

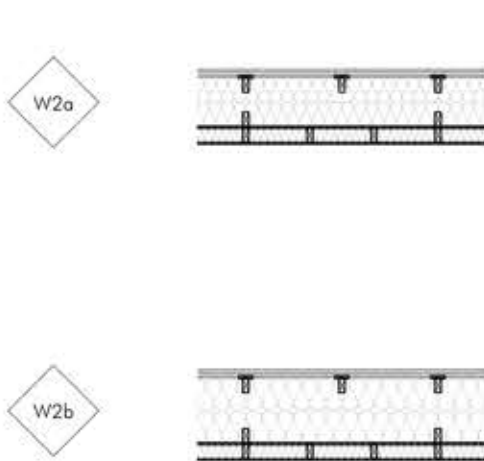
INTERIOR WALLS



2x4 FRAMED PARTITION: FINISH BOTH SIDES  
WALL FINISH (REFER TO FINISH SCHEDULES IF APPLICABLE)  
2x4 SF Jo. 1/16x2 FRAMED WALL @ 16" O.C.  
WALL FINISH (REFER TO FINISH SCHEDULES IF APPLICABLE)

2x6 FRAMED PARTITION: FINISH BOTH SIDES  
WALL FINISH (REFER TO FINISH SCHEDULES IF APPLICABLE)  
2x6 SF Jo. 1/16x2 FRAMED WALL @ 16" O.C.  
WALL FINISH (REFER TO FINISH SCHEDULES IF APPLICABLE)

EXTERIOR WALLS



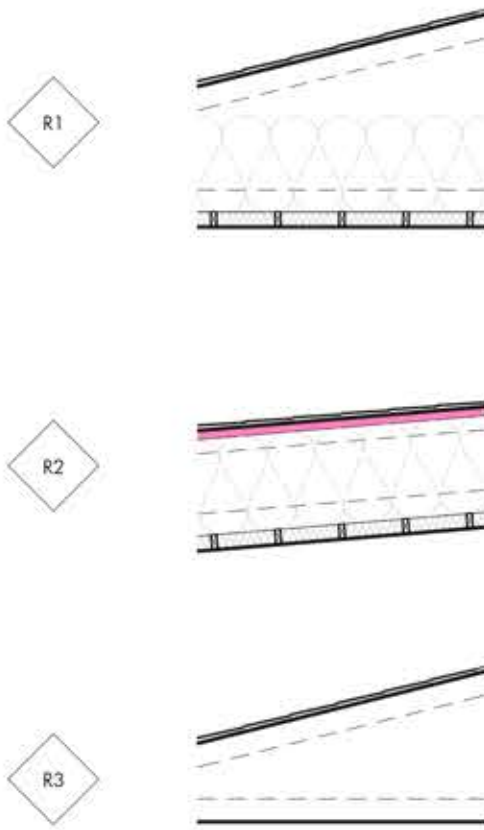
1 1/2" PRE-FABRICATED GP WALL PANEL  
INTERIOR  
WALL FINISH (REFER TO FINISH SCHEDULES IF APPLICABLE)  
2X4 NON-LOAD-BEARING SERVICE CAVITY c/w ECOBATT INSULATION STUDS @ 16" c/c  
INTELLO X SMART VAPOUR CONTROL MEMBRANE  
7/16" OSB SHEATHING  
12" PRE-FABRICATED LOAD-BEARING PANEL c/w ECOBATT INSULATION MENTO VRB MEMBRANE  
TWO LAYERS WOOD STRAPPING (ENSURE INTERIOR LAYER VERTICAL)  
LIGHTWEIGHT CLADDING  
EXTERIOR

1 1/2" PRE-FABRICATED GP WALL PANEL  
INTERIOR  
WALL FINISH (REFER TO FINISH SCHEDULES IF APPLICABLE)  
2X4 NON-LOAD-BEARING SERVICE CAVITY c/w ECOBATT INSULATION STUDS @ 16" c/c  
INTELLO X SMART VAPOUR CONTROL MEMBRANE  
7/16" OSB SHEATHING  
1 1/2" PRE-FABRICATED LOAD-BEARING PANEL c/w ECOBATT INSULATION MENTO VRB MEMBRANE  
TWO LAYERS WOOD STRAPPING (ENSURE INTERIOR LAYER VERTICAL)  
LIGHTWEIGHT CLADDING  
EXTERIOR

WALLS AROUND BATHROOMS SHALL BE FILLED WITH ROXUL SAFESOUND INSULATION (OR EQUIVALENT) FOR SOUND ATTENUATION.  
REPLACE 1/2" GYPSUM WALL BOARD WITH 1/2" GREEN BOARD AT ALL HUMID LOCATIONS (BATHROOMS) AND WITH 1/2" CEMENT BOARD AT ALL WET LOCATIONS (SHOWERS, BATHTUBS) AS APPLICABLE.

ROOF ASSEMBLIES

STRUCTURAL ROOFS

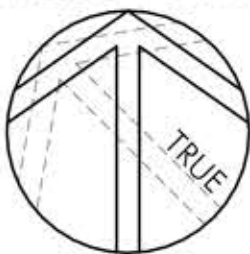


TRUSSED ROOF SYSTEM - R80  
INTERIOR  
CEILING FINISH (REFER TO FINISH SCHEDULES IF APPLICABLE)  
2X4 SERVICE CAVITY @ 16" c/c  
3 1/2" ECOBATT INSULATION IN SERVICE CAVITY  
INTELLO PLUS AIR BARRIER AND SMART VAPOUR RETARDER  
ENGINEERED ROOF TRUSSES  
24" 880 BLOWN-IN CELLULOSE INSULATION  
1/2" EXTERIOR GRADE PLYWOOD SHEATHING c/w H-CLIPS (OR T&G)  
ROOFING MEMBRANE  
ICE AND WATER SHIELD TO EXTEND MIN. 3'-0" FROM EAVE  
ROOFING MATERIAL (REFER TO FINISH SCHEDULES IF APPLICABLE)  
EXTERIOR

TRUSSED ROOF SYSTEM c/w MOORE VENTS - R80  
INTERIOR  
CEILING FINISH (REFER TO FINISH SCHEDULES IF APPLICABLE)  
2X4 SERVICE CAVITY @ 16" c/c  
3 1/2" ECOBATT INSULATION IN SERVICE CAVITY  
INTELLO PLUS AIR BARRIER AND SMART VAPOUR RETARDER  
ENGINEERED ROOF TRUSSES  
24" 880 BLOWN-IN CELLULOSE INSULATION  
MOORE VENTS  
1/2" EXTERIOR GRADE PLYWOOD SHEATHING c/w H-CLIPS (OR T&G)  
ROOFING MEMBRANE  
ICE AND WATER SHIELD TO EXTEND MIN. 3'-0" FROM EAVE  
ROOFING MATERIAL (REFER TO FINISH SCHEDULES IF APPLICABLE)  
EXTERIOR

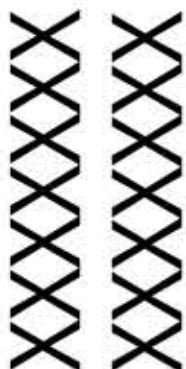
TRUSSED ROOF SYSTEM - NON-INSULATED  
EXTERIOR  
SOFFIT FINISH (REFER TO FINISH SCHEDULES IF APPLICABLE)  
ENGINEERED ROOF TRUSSES  
1/2" EXTERIOR GRADE PLYWOOD SHEATHING c/w H-CLIPS (OR T&G)  
ROOFING MEMBRANE  
ICE AND WATER SHIELD TO EXTEND MIN. 3'-0" FROM EAVE  
ROOFING MATERIAL (REFER TO FINISH SCHEDULES IF APPLICABLE)  
EXTERIOR

PROJECT NORTH



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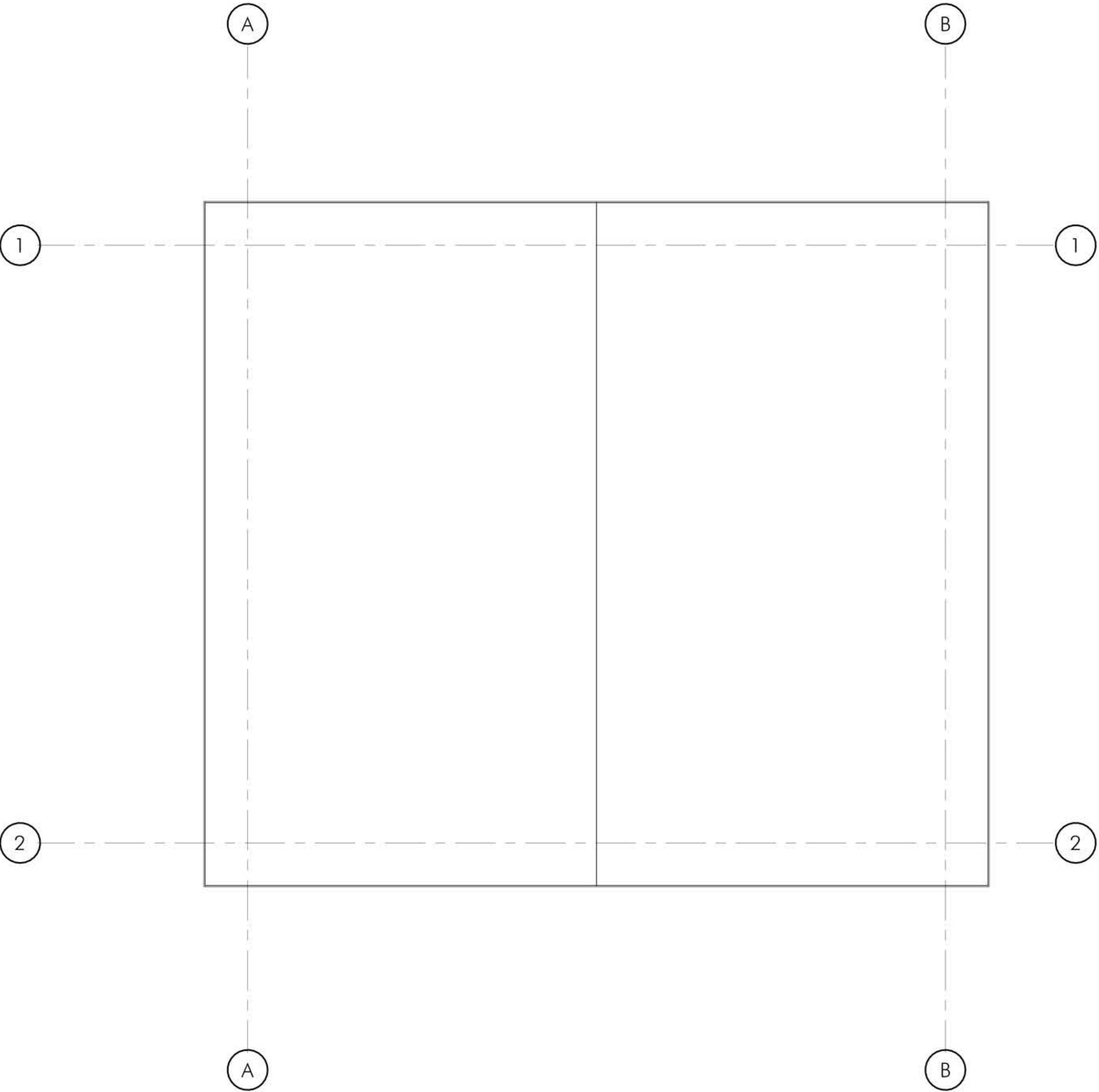
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| SWEETFLAG    |                          |
| DRAWN BY     | SAZ                      |
| CHECKED BY   | Checker                  |
| BCIN NO.     | XXXX                     |
| PROJECT NO.  | 23XXX                    |
| SHEET TITLE  | FLOOR PLAN - UPPER LEVEL |
| SHEET NO.    |                          |

A-102

SWEETFLAG

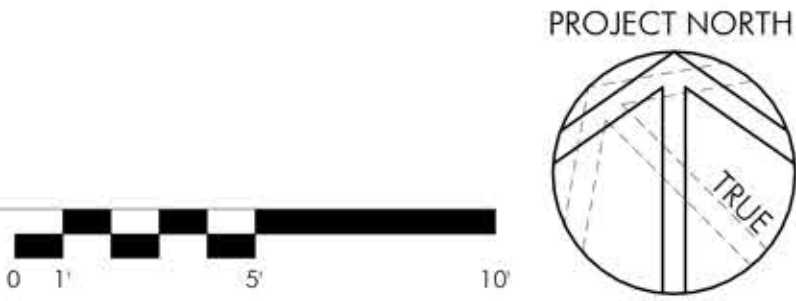
ISSUE SET : 23/XX/XX

DIMENSION NOTE:  
ALL DIMENSIONS REFERENCE OUTSIDE FACE OF STUD UNLESS OTHERWISE NOTED OR REFERENCE A GRID LINE.  
DIMENSIONS TO STRUCTURAL BEAMS AND COLUMNS REFERENCE CENTRELINE UNLESS OTHERWISE NOTED.



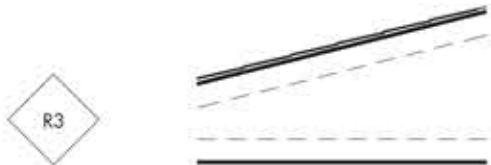
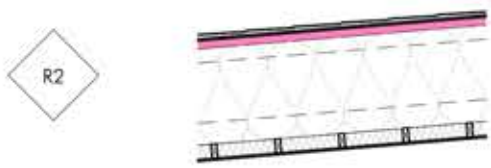
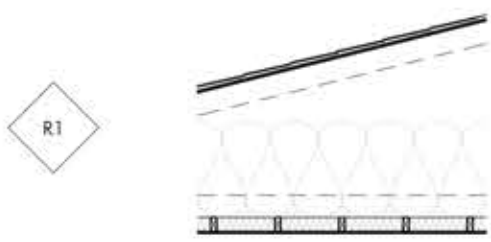
1 ROOF PLAN  
1/4" = 1'-0"

| COLUMN SCHEDULE |                   |             |          |
|-----------------|-------------------|-------------|----------|
| TAG             | STRUCTURAL MEMBER | DESCRIPTION | COMMENTS |



ROOF ASSEMBLIES

STRUCTURAL ROOFS



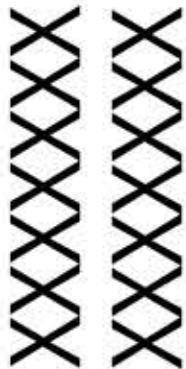
TRUSSED ROOF SYSTEM - R80  
INTERIOR  
CEILING FINISH (REFER TO FINISH SCHEDULES IF APPLICABLE)  
2X4 SERVICE CAVITY @ 16" c/c  
3 1/2" ECOBATT INSULATION IN SERVICE CAVITY  
INTELLO PLUS AIR BARRIER AND SMART VAPOUR RETARDER  
ENGINEERED ROOF TRUSSES  
24" R80 BLOWN-IN CELLULOSE INSULATION  
1/2" EXTERIOR GRADE PLYWOOD SHEATHING c/w H-CLIPS (OR T&G)  
ROOFING MEMBRANE  
ICE AND WATER SHIELD TO EXTEND MIN. 3'-0" FROM EAVE  
ROOFING MATERIAL (REFER TO FINISH SCHEDULES IF APPLICABLE)  
EXTERIOR

TRUSSED ROOF SYSTEM c/w MOORE VENTS - R80  
INTERIOR  
CEILING FINISH (REFER TO FINISH SCHEDULES IF APPLICABLE)  
2X4 SERVICE CAVITY @ 16" c/c  
3 1/2" ECOBATT INSULATION IN SERVICE CAVITY  
INTELLO PLUS AIR BARRIER AND SMART VAPOUR RETARDER  
ENGINEERED ROOF TRUSSES  
24" R80 BLOWN-IN CELLULOSE INSULATION  
MOORE VENTS  
1/2" EXTERIOR GRADE PLYWOOD SHEATHING c/w H-CLIPS (OR T&G)  
ROOFING MEMBRANE  
ICE AND WATER SHIELD TO EXTEND MIN. 3'-0" FROM EAVE  
ROOFING MATERIAL (REFER TO FINISH SCHEDULES IF APPLICABLE)  
EXTERIOR

TRUSSED ROOF SYSTEM - NON-INSULATED  
EXTERIOR  
SOFFIT FINISH (REFER TO FINISH SCHEDULES IF APPLICABLE)  
ENGINEERED ROOF TRUSSES  
1/2" EXTERIOR GRADE PLYWOOD SHEATHING c/w H-CLIPS (OR T&G)  
ROOFING MEMBRANE  
ICE AND WATER SHIELD TO EXTEND MIN. 3'-0" FROM EAVE  
ROOFING MATERIAL (REFER TO FINISH SCHEDULES IF APPLICABLE)  
EXTERIOR

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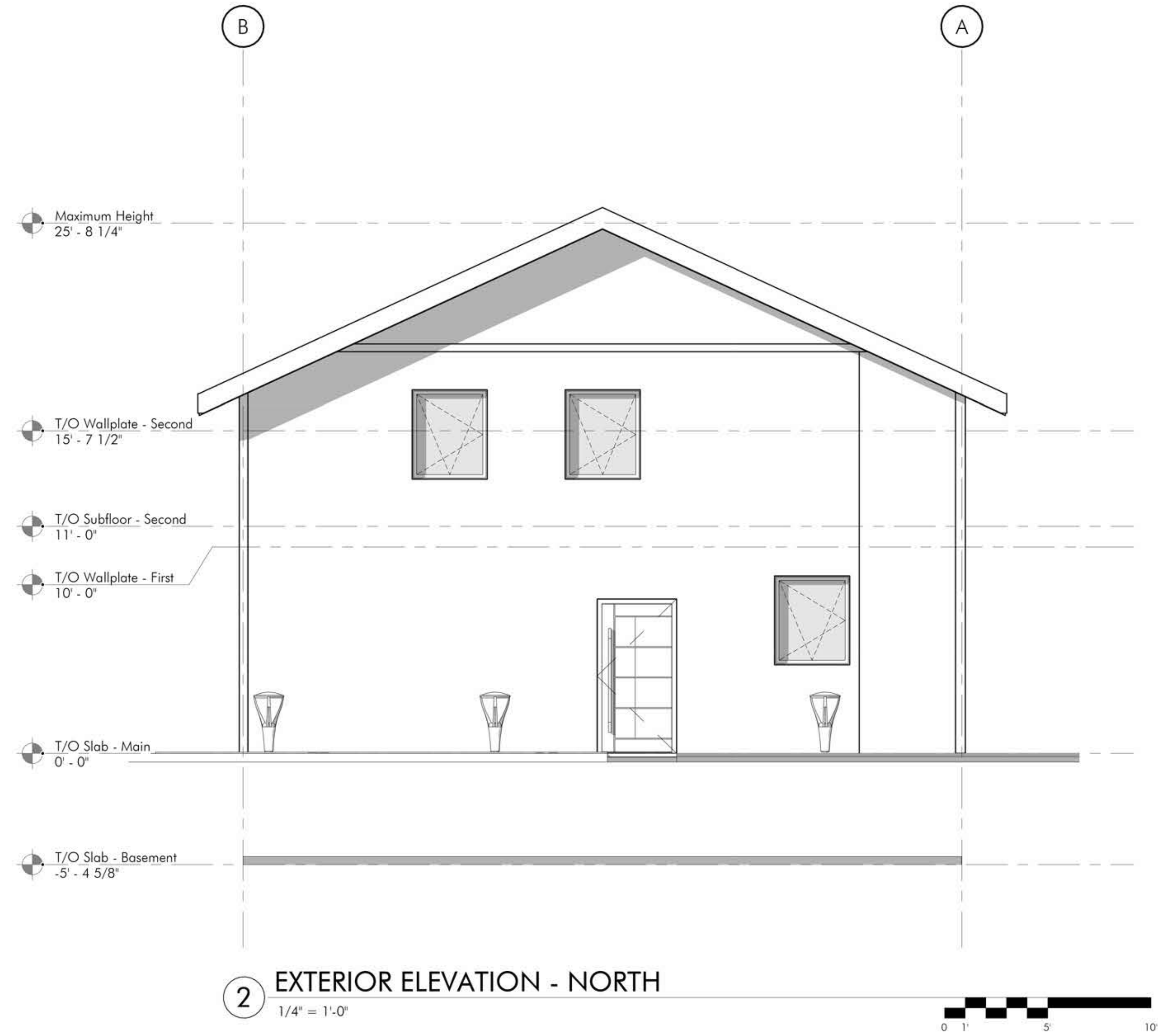
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| PROJECT NAME |           |
|--------------|-----------|
| SWEETFLAG    |           |
| DRAWN BY     | SAZ       |
| CHECKED BY   | Checker   |
| BCIN NO.     | XXXX      |
| PROJECT NO.  | 23XXX     |
| SHEET TITLE  | ROOF PLAN |
| SHEET NO.    |           |

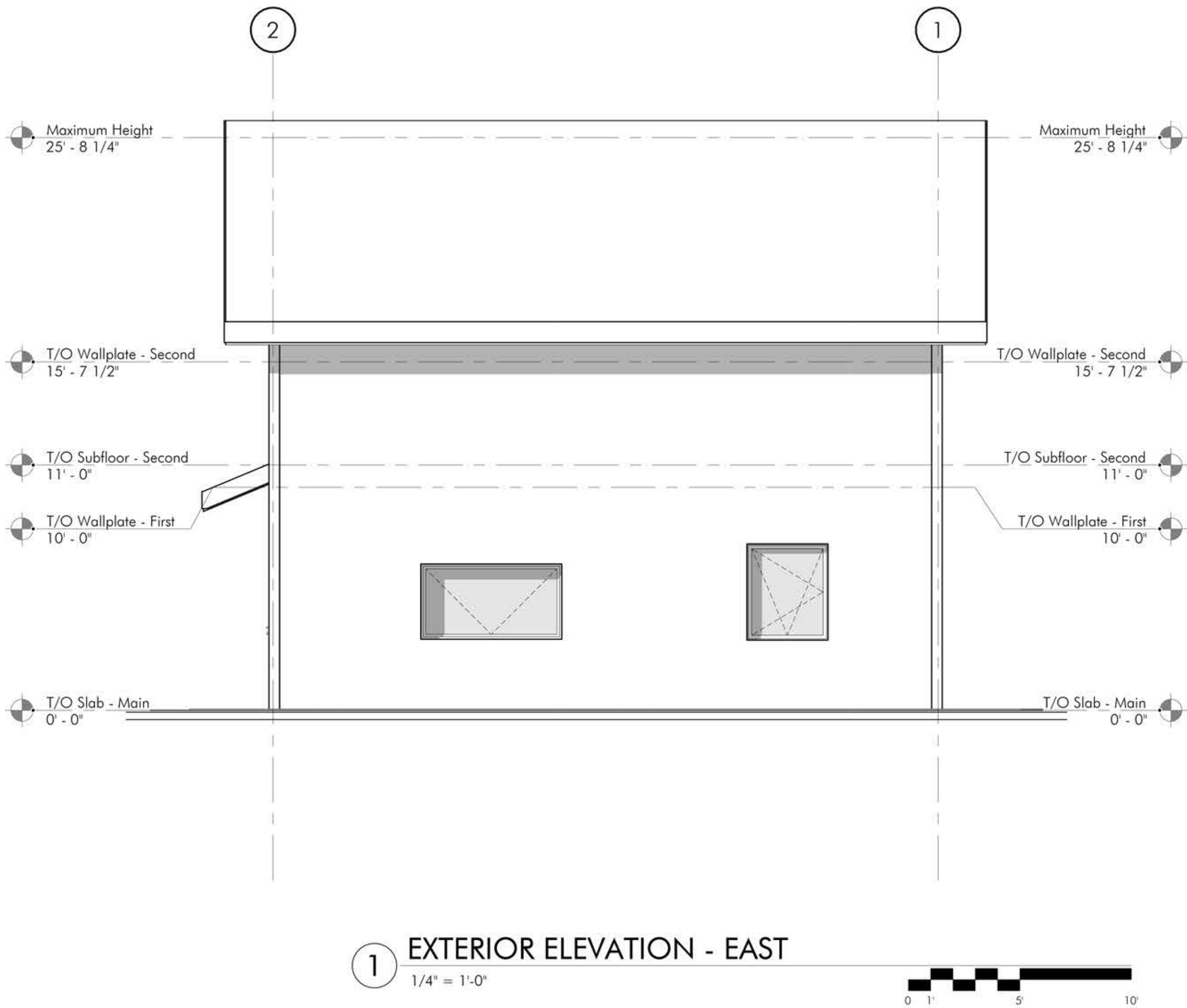
A-103

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ISSUE SET : 23/XX/XX



| Legend - Material Keynote |                     |
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| KEY VALUE                 | KEYNOTE DESCRIPTION |
|                           |                     |



ISSUE:      DATE:      TO:

SWEETFLAG

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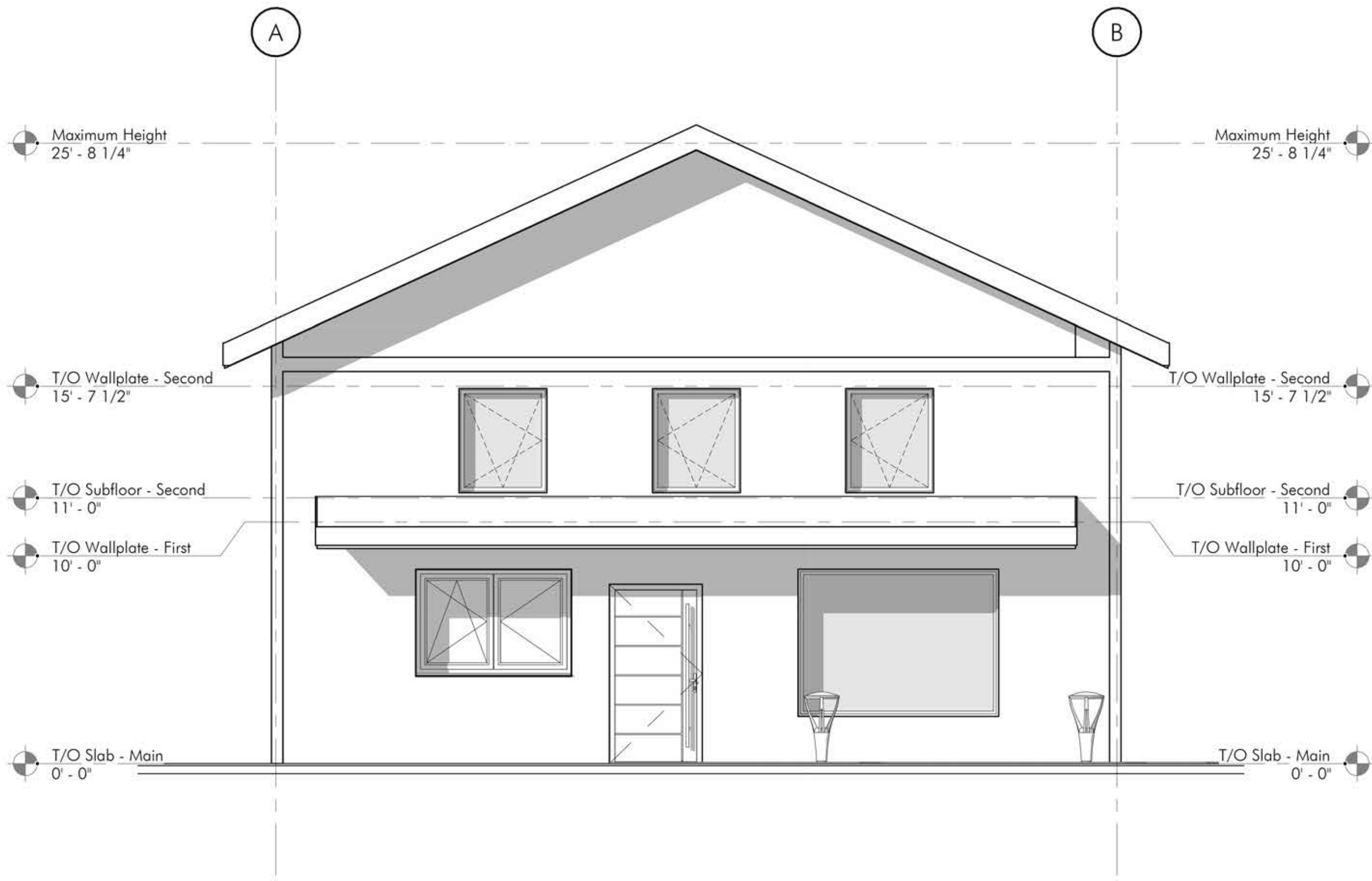
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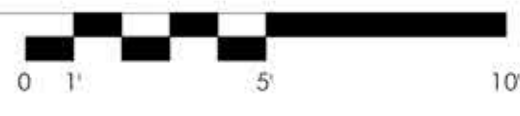
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|              |                     |
|--------------|---------------------|
| PROJECT NAME | SWEETFLAG           |
| DRAWN BY     | SAZ                 |
| CHECKED BY   | Checker             |
| BCIN NO.     | XXXX                |
| PROJECT NO.  | 23XXX               |
| SHEET TITLE  | EXTERIOR ELEVATIONS |
| SHEET NO.    | A-200               |

ISSUE SET : 23/XX/XX

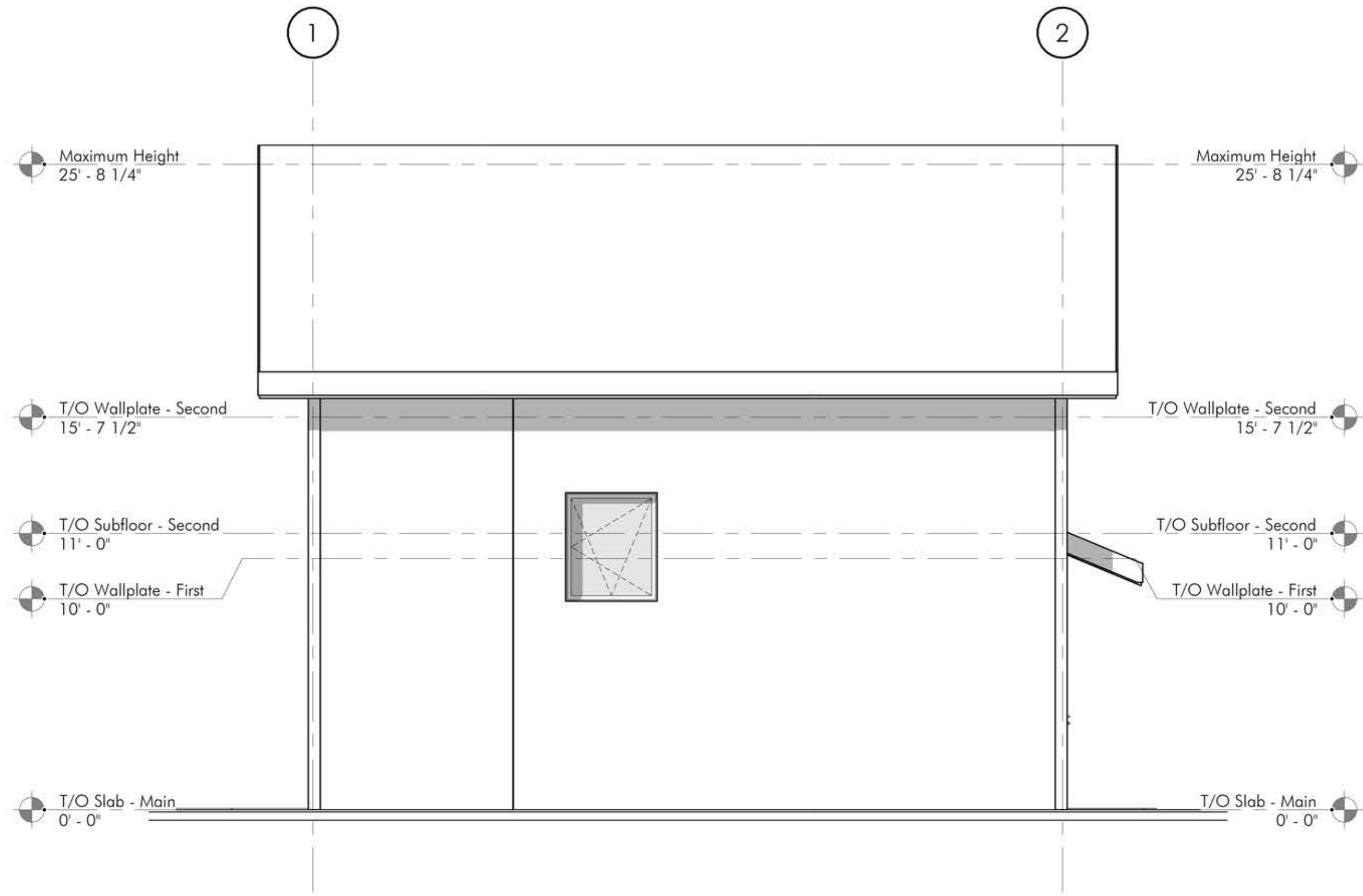


1 REAR EXTERIOR ELEVATION

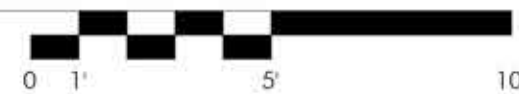


Legend - Material Keynote

| KEY VALUE | KEYNOTE DESCRIPTION |
|-----------|---------------------|
|-----------|---------------------|



2 RIGHT EXTERIOR ELEVATION



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XXXXXX  
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|--------------|----------------------------|
| PROJECT NAME | SWEETFLAG                  |
| DRAWN BY     | SAZ                        |
| CHECKED BY   | Checker                    |
| BCIN NO.     | XXXX                       |
| PROJECT NO.  | 23XXX                      |
| SHEET TITLE  | EXTERIOR ELEVATIONS CONT'D |
| SHEET NO.    | A-201                      |

ISSUE SET : 23/XX/XX