



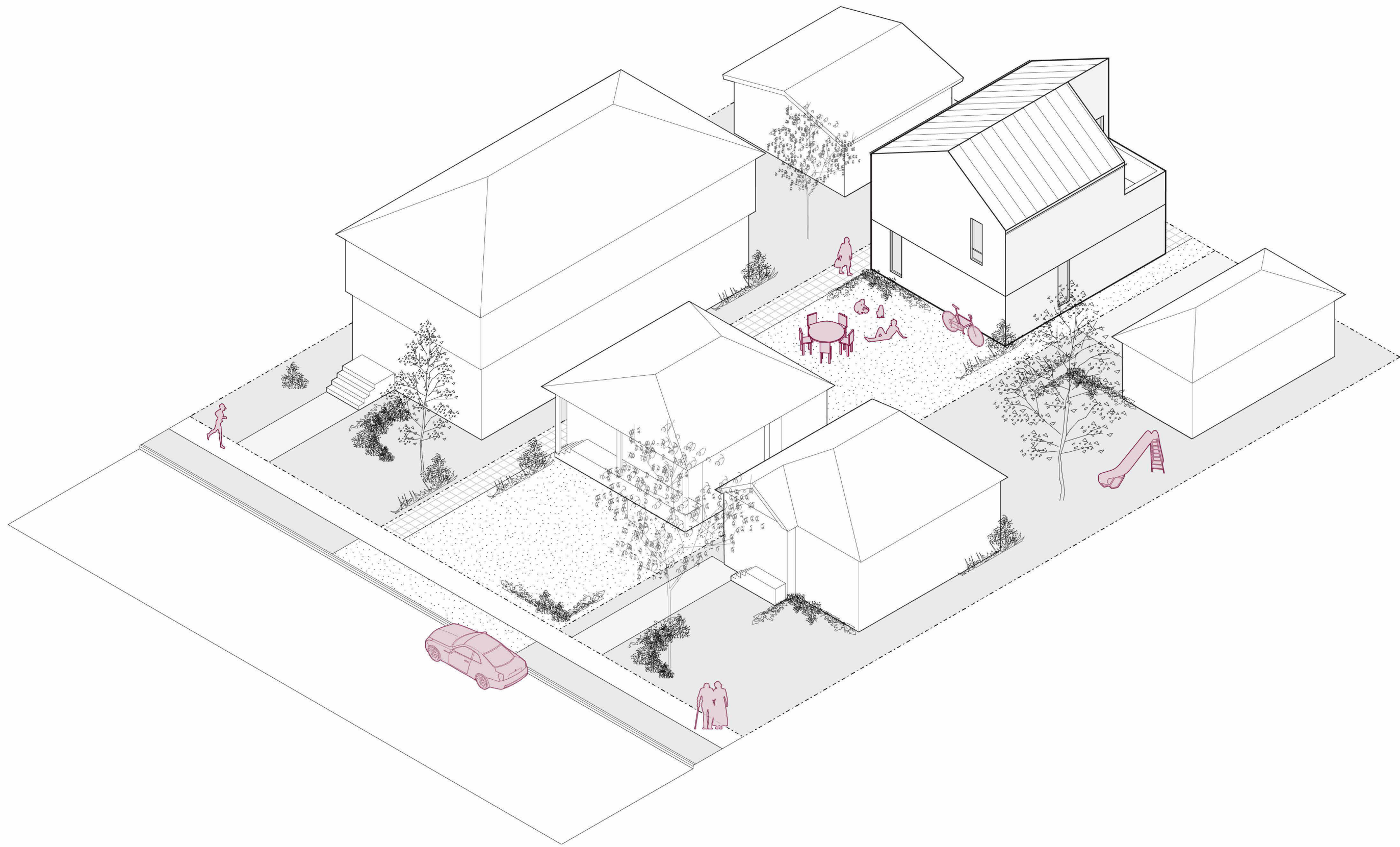
# HOUSING DESIGN CATALOGUE

## AB ACCESSORY DWELLING UNIT 02

CMHC HOUSING DESIGN CATALOGUE

AB ACCESSORY DWELLING UNIT 02

ARCHITECTURAL DRAWINGS



| BUILDING DATA      |                       |
|--------------------|-----------------------|
| BUILDING FOOTPRINT | 67.5M² (726.5ft²)     |
| BUILDING HEIGHT    | 8.22 (27'-0")         |
| STOREYS            | 2 STOREY              |
| NUMBER OF UNITS    | 1                     |
| UNIT SUMMARY       |                       |
| UNIT 1             | 1 BEDROOM, 1 BATHROOM |

| ARCHITECTURAL SHEET LIST |                         |
|--------------------------|-------------------------|
| 000                      | TITLE SHEET             |
| A000                     | COVER SHEET             |
| A003                     | ASSEMBLIES SCHEDULE     |
| A004                     | OPENINGS SCHEDULE       |
| A005                     | FIRE RATING DETAILS     |
| A006                     | TYP. DETAILS            |
| A007                     | TYP. DETAILS            |
| A008                     | TYP. DETAILS            |
| A009                     | TYP. DETAILS            |
| A010                     | SITE PLAN & CODE MATRIX |
| A101                     | MAIN FLOOR PLAN         |
| A102                     | SECOND FLOOR PLAN       |
| A104                     | ROOF PLAN               |
| A200                     | ELEVATIONS              |
| A300                     | SECTIONS                |



**DISCLAIMER**  
This design was created for use solely as part of the CMHC Housing Design Catalogue. It is a sample of standardized housing design, reflecting general design intention only and does not incorporate any elements of other information specific to any location or project. This design is provided for illustrative purposes only and must not be used for construction or permitting purposes. In using this design, you are responsible for your compliance with the Terms and Conditions, including but not limited to engaging the services of a Qualified Professional.

| ABBREVIATIONS                                                                                                 |                                           |
|---------------------------------------------------------------------------------------------------------------|-------------------------------------------|
| ABBREVIATIONS MAY OR MAY NOT INCLUDE PERIOD PUNCTUATION. ABBREVIATIONS APPLY TO ARCHITECTURAL DOCUMENTS ONLY. |                                           |
| ARCH                                                                                                          | ARCHITECTURAL                             |
| BF                                                                                                            | BARrier FREE                              |
| C/C                                                                                                           | CENTRE TO CENTRE                          |
| CL                                                                                                            | CENTER LINE                               |
| CIV                                                                                                           | CIVIL                                     |
| DIA                                                                                                           | DIAMETER                                  |
| DIM                                                                                                           | DIMENSION                                 |
| DWG                                                                                                           | DRAWING                                   |
| ELEC                                                                                                          | ELECTRICAL                                |
| ELEV                                                                                                          | ELEVATION                                 |
| EQ                                                                                                            | EQUAL                                     |
| GEOTECH                                                                                                       | GEOTECHNICAL                              |
| GWB                                                                                                           | GYPsum WALL BOARD                         |
| FFE                                                                                                           | FINISH FLOOR ELEVATION                    |
| FRR                                                                                                           | FIRE RESISTANCE RATING                    |
| FD                                                                                                            | FLOOR DRAIN                               |
| HR                                                                                                            | HOUR                                      |
| MAX                                                                                                           | MAXIMUM                                   |
| MECH                                                                                                          | MECHANICAL                                |
| MIN                                                                                                           | MINIMUM                                   |
| NBC (AE)                                                                                                      | NATIONAL BUILDING CODE ( ALBERTA EDITION) |
| N/A                                                                                                           | NOT APPLICABLE                            |
| NTS                                                                                                           | NOT TO SCALE                              |
| O/C                                                                                                           | ON CENTRE                                 |
| RM                                                                                                            | ROOM                                      |
| R/O                                                                                                           | ROUGH OPENING                             |
| RWL                                                                                                           | RAIN WATER LEADER                         |
| SCH                                                                                                           | SCHEDULE                                  |
| SF                                                                                                            | SQUARE FEET                               |
| SIM                                                                                                           | SIMILAR                                   |
| SM                                                                                                            | SQUARE METER                              |
| SPEC                                                                                                          | SPECIFICATION                             |
| STC                                                                                                           | SOUND TRANSMISSION CLASS                  |
| STRUC                                                                                                         | STRUCTURAL                                |
| TBD                                                                                                           | TO BE DETERMINED                          |
| T/O                                                                                                           | TOP OF                                    |
| T&G                                                                                                           | TONGUE & GROOVE                           |
| TYP                                                                                                           | TYPICAL                                   |
| U/S                                                                                                           | UNDERSIDE                                 |
| W/C                                                                                                           | WASHROOM                                  |

| ANNOTATION LEGEND               |                                                      |
|---------------------------------|------------------------------------------------------|
| <b>ASSEMBLY TAGS</b>            |                                                      |
|                                 | EXTERIOR WALL TAG                                    |
|                                 | INTERIOR PARTITION TAG                               |
|                                 | ROOF TAG                                             |
|                                 | FLOOR TAG                                            |
| (REFER TO ASSEMBLIES SCHEDULES) |                                                      |
| <b>TAGS</b>                     |                                                      |
|                                 | DOOR TAG<br>REFER TO DOOR SCHEDULE                   |
|                                 | WINDOW TAG<br>REFER TO WINDOW SCHEDULE               |
|                                 | MATERIAL TAG                                         |
|                                 | KEYNOTES<br>REFER TO SHEET SPECIFIC KEYNOTE SCHEDULE |
| <b>DRAWING TAGS</b>             |                                                      |
|                                 | DETAIL NUMBER<br>DRAWING SHEET NUMBER                |
|                                 | BUILDING SECTION NUMBER<br>DRAWING SHEET NUMBER      |
|                                 | EXTERIOR ELEVATION NUMBER<br>DRAWING SHEET NUMBER    |
|                                 | GRID BUBBLE                                          |
|                                 | SPOT ELEVATION<br>(ABOVE FINISH FLOOR)               |
|                                 | ROOM TAG                                             |
|                                 | CENTRELINE                                           |

| 1   | 2025-02-21 | Issued as Prototypical Drawing |
|-----|------------|--------------------------------|
| NO. | DATE       | DESCRIPTION                    |

PROJECT:  
CMHC HOUSING CATALOGUE

ALBERTA, CANADA

NOT FOR PERMIT OR CONSTRUCTION

SHEET TITLE:  
COVER SHEET

AB Accessory Dwelling Unit 02

PROJECT NO: 241058  
SCALE: As indicated

SHEET NO:  
A000

| N - FOUNDATION WALL ASSEMBLIES |         |                                                                                                                                                                                                                                    |                                           |
|--------------------------------|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|
| TYPE                           | DIAGRAM | DESCRIPTION                                                                                                                                                                                                                        | PERFORMANCE                               |
| N1                             |         | FOUNDATION<br><br>/AR<br>4" (51mm)<br>18" (10mm)<br>/AR<br>1" (20mm)<br><br>PARING CEMENT COATING<br>BELOW GRADE RIGID INSULATION<br>DRAINAGE AND PROTECTION BOARD<br>FOUNDATION DAMP PROOFING<br>GRADE BEAM (REFER TO STRUCTURAL) | R-VALUE<br>MIN. R 18.32 /<br>MIN RSI 3.22 |
|                                |         |                                                                                                                                                                                                                                    |                                           |

| W - EXTERIOR WALL ASSEMBLIES |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                      |
|------------------------------|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TYPE                         | DIAGRAM | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | PERFORMANCE                                                                                                                                                                                                                                                          |
| W1                           |         | <b>EXTERIOR ENVELOPE WALL</b><br><br>19mm (3/4") LIGHT-WEIGHT CLADDING PLATE HOLDER<br>19mm (3/4") WOOD STRAPPING @ 400mm O/C (38mm WIDE MINIMUM)<br>25mm (1") RIGID INSULATION<br>VAR AIR BARRIER, VAPOR PERMEABLE<br>16mm (5/8") EXTERIOR GRADE PLYWOOD<br>140mm (5 1/2") WOOD STUD FRAMING (REFER TO STRUCTURAL)<br>CW<br>140mm (5 1/2") STUD CAVITY IN-FILL INSULATION<br>VAR VAPOR CONTROL BARRIER<br>16mm (5/8") GYPSUM BOARD                                                    | R-VALUE MIN. R 34.64 / MIN RSI 6.1<br><br>INSULATION RSI VALUES TO BE SPECIFIED PER PROJECT LOCATION AS PER NBC(AE) 9.36<br><br>STUD CAVITY INSULATION AND RIGID INSULATION TO BE NON COMBUSTIBLE                                                                    |
| W2                           |         | <b>EXTERIOR ENVELOPE WALL - NON-COMBUSTIBLE</b><br><br>3/4" (19mm) NON-COMBUSTIBLE LIGHT-WEIGHT CLADDING PLATE HOLDER<br>1/2" (13mm) VENTED CAVITY W/ METAL Z-GIRTS @ 400mm O/C<br>1" (25mm) RIGID INSULATION<br>VAR AIR BARRIER, VAPOR PERMEABLE<br>5/8" (16mm) NON-COMBUSTIBLE EXTERIOR SHEATHING<br>5 1/2" (140mm) METAL STUD FRAMING (REFER TO STRUCTURAL)<br>CW<br>5 1/2" (140mm) STUD CAVITY IN-FILL INSULATION<br>VAR VAPOR CONTROL BARRIER<br>5/8" (16mm) GYPSUM BOARD, TYPE X | R-VALUE MIN. R 34.64 / MIN RSI 6.1<br><br>FRR 1HR<br><br>FRR BASED ON EW2a AS PER NBC (AE) 9.10.3.1-A<br><br>INSULATION RSI VALUES TO BE SPECIFIED PER PROJECT LOCATION AS PER NBC(AE) 9.36<br><br>STUD CAVITY INSULATION AND RIGID INSULATION TO BE NON COMBUSTIBLE |

| P - INTERIOR PARTITION ASSEMBLIES |         |                                                                                                                                                                                                                                                                                                                                                                                           |             |     |
|-----------------------------------|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----|
| TYPE                              | DIAGRAM | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                               | PERFORMANCE |     |
| P1                                |         | <b>2x4 INTERIOR PARTITION</b><br><br>5/8" (16mm) GYPSUM BOARD<br>3 1/2" (89mm) WOOD STUD FRAMING @ 406mm O/C<br>5/8" (16mm) GYPSUM BOARD                                                                                                                                                                                                                                                  | FRR         | N/A |
| P1a                               |         | <b>2x4 INTERIOR PARTITION W/ BATTS</b><br><br>5/8" (16mm) GYPSUM BOARD<br>3 1/2" (89mm) WOOD STUD FRAMING @ 406mm O/C C/W<br>3 1/2" (89mm) ACOUSTIC BATT IN-FILL INSULATION<br>5/8" (16mm) GYPSUM BOARD                                                                                                                                                                                   | FRR         | N/A |
| P2                                |         | <b>2x6 INTERIOR PARTITION - BETWEEN UNIT &amp; STAIRS, RATED</b><br><br>5/8" (16mm) GYPSUM BOARD, TYPE X<br>1/2" (3mm) RESILIENT FURRING CHANNELS @ 406mm O/C<br>5 1/2" (140mm) WOOD STUD FRAMING @ 614/710mm O/C C/W<br>5 1/2" (140mm) ACOUSTIC BATT IN-FILL INSULATION<br>5/8" (16mm) GYPSUM BOARD, TYPE X<br>5/8" (16mm) GYPSUM BOARD, TYPE X                                          | FRR         | 1HR |
| P3                                |         | <b>2x4 DEMISING WALL - NON-LOAD BEARING, RATED</b><br><br>5/8" (16mm) GYPSUM BOARD, TYPE X<br>3 1/2" (89mm) WOOD STUD FRAMING @ 406mm O/C C/W<br>3 1/2" (89mm) ACOUSTIC BATT IN-FILL INSULATION<br>1" (25mm) AIR SPACE<br>3 1/2" (89mm) WOOD STUD FRAMING @ 406mm O/C C/W<br>3 1/2" (89mm) ACOUSTIC BATT IN-FILL INSULATION<br>5/8" (16mm) GYPSUM BOARD, TYPE X                           | FRR         | 1HR |
| P4                                |         | <b>2x6 DEMISING WALL - LOAD BEARING, RATED</b><br><br>5/8" (16mm) GYPSUM BOARD, TYPE X<br>5 1/2" (140mm) WOOD STUD FRAMING (REFER TO STRUCTURAL)<br>C/W<br>5 1/2" (140mm) ACOUSTIC BATT IN-FILL INSULATION<br>1" (25mm) AIR SPACE<br>5 1/2" (140mm) WOOD STUD FRAMING (REFER TO STRUCTURAL)<br>C/W<br>5 1/2" (140mm) ACOUSTIC BATT IN-FILL INSULATION<br>5/8" (16mm) GYPSUM BOARD, TYPE X | FRR         | 1HR |
| P5                                |         | <b>PLUMBING CHASE</b><br><br>5/8" (16mm) GYPSUM BOARD<br>1/2" (3mm) PLYWOOD SHEATHING (REFER TO STRUCTURAL)<br>3 1/2" (89mm) WOOD STUD FRAMING @ 406mm O/C                                                                                                                                                                                                                                | FRR         | N/A |
|                                   |         |                                                                                                                                                                                                                                                                                                                                                                                           | STC         | N/A |

| ASSEMBLY GENERAL NOTES |                                                                                                                                                                                                                       |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.                     | ALL LOAD BEARING WALLS SUPPORTING A RATED FLOOR ASSEMBLY SHALL HAVE A FIRE RESISTANCE RATING NOTLESS THAN THE SUPPORTED FLOOR ABOVE AS PER NBC(AE) 9.10.8.3.                                                          |
| 2.                     | 16MM (5/8") GYPSUM BOARD, TYPE X TO BE USED ON LOAD BEARING WALLS (SEE STRUCTURAL) TO PROVIDE FR.                                                                                                                     |
| 3.                     | ALL WALL AND FLOOR ASSEMBLIES REQUIRED TO BE A FIRE SEPARATION SHALL BE CONSTRUCTED AS A CONTINUOUS BARRIER AGAINST THE SPREAD OF FIRE AND SMOKE AS PER NBC(AE) 9.10.2.2.                                             |
| 4.                     | ALL PENETRATIONS THROUGH A REQUIRED FIRE SEPARATION TO MEET REQUIREMENTS OF NBC(AE) 9.10.9.6.                                                                                                                         |
| 5.                     | ALL PIPING PENETRATIONS THROUGH A RATED ASSEMBLY OR A MEMBRANE THAT FORMS PART OF A RATED ASSEMBLY TO CONFORM TO NBC(AE) 9.10.9.7.                                                                                    |
| 6.                     | ALL OPENINGS FOR ELECTRICAL OR SIMILAR OUTLET BOXES IN RATED ASSEMBLIES TO CONFORM TO NBC(AE) 9.10.9.8.                                                                                                               |
| 7.                     | RECESSED LIGHTING FIXTURES SHALL NOT BE LOCATED IN INSULATED CEILINGS UNLESS THE FIXTURES ARE DESIGNED FOR SUCH INSTALLATIONS AS PER NBC(AE) 9.34.1.4.                                                                |
| 8.                     | <b>STRUCTURAL SLAB:</b> EFFECTIVE THERMAL RESISTANCE OF AN UNHEATED FLOOR ABOVE FROSTLINE IN CONTACT WITH GROUND WITH A HRV FOR CLIMATE ZONE 7A: MINIMUM EFFECTIVE THERMAL RESISTANCE RSI 1.8. REFER TO NBC(AE) 9.36. |
| 9.                     | <b>WALLS:</b> EFFECTIVE THERMAL RESISTANCE OF ABOVE-GROUND OPAQUE ASSEMBLIES WITH A HRV IN CLIMATE ZONE 7A: RSI 6.1. REFER TO NBC(AE) 9.36.                                                                           |
| 10.                    | <b>ROOFS:</b> EFFECTIVE THERMAL RESISTANCE OF ABOVE-GROUND OPAQUE ASSEMBLIES WITH A HRV IN CLIMATE ZONE 7A: RSI 6.5. REFER TO NBC(AE) 9.36.                                                                           |
| 11.                    | FOAMED PLASTICS TO BE THERMALLY PROTECTED AS PER NBC(AE) 9.10.17.10.                                                                                                                                                  |
| 12.                    | ROOFING MATERIAL AND INSTALLATION AS PER NBC(AE) 9.26.2.                                                                                                                                                              |
| 13.                    | VAPOUR BARRIER AS PER NBC(AE) 9.26.7.                                                                                                                                                                                 |
| 14.                    | INSULATION AS PER NBC(AE) 9.25.2.1.                                                                                                                                                                                   |
| 15.                    | CLADDING AS PER NBC(AE) 9.25.4.                                                                                                                                                                                       |
| 16.                    | WHERE CLOSED CELL SPRAY INSULATION ACTS AS VAPOUR CONTROL, ENSURE SUFFICIENT QUANTITY TO MEET NBC(AE) 9.25.4.2.(B).                                                                                                   |

| R - ROOF ASSEMBLIES |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                               |
|---------------------|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TYPE                | DIAGRAM | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | PERFORMANCE                                                                                                                                                                                                                                                                                                   |
| R1                  |         | <p><b>EXTERIOR ENVELOPE ROOF - VAULTED CEILING</b></p> <p>5/8" (16mm) ROOFING PLACEHOLDER<br/>VENTED CAVITY W/ WOOD FURRING<br/>VAR ROOF MEMBRANE<br/>5/8" (16mm) EXTERIOR GRADE PLYWOOD<br/>VAR WOOD ROOF FRAMING (REFER TO STRUCTURAL)<br/>LEAVING VENTILATION GAP - MIN 50mm(Z)<br/>5 1/2" (140mm) STUD CAVITY IN-FILL INSULATION<br/>VAR VAPOR CONTROL BARRIER<br/>5/8" (16mm) GYPSUM BOARD</p>                                                                                                                                                                                                                                                   | <p>R-VALUE MIN. R 36.91 / MIN RSI 6.5</p> <p>INSULATION RRSI VALUES TO BE SPECIFIED PER PROJECT LOCATION AS PER NBC(AE) 9.36</p> <p>STUD CAVITY INSULATION AND RIGID INSULATION TO BE NON COMBUSTIBLE</p>                                                                                                     |
| R2                  |         | <p><b>EXTERIOR ENVELOPE ROOF - PRE FABRICATED ROOF TRUSS</b></p> <p>5/8" (16mm) ROOFING PLACEHOLDER<br/>VENTED CAVITY W/ WOOD FURRING<br/>VAR ROOF MEMBRANE<br/>5/8" (16mm) EXTERIOR GRADE PLYWOOD<br/>VAR PRE FABRICATED ROOF TRUSS (REFER TO STRUCTURAL)<br/>1 1/2" (140mm) STUD CAVITY IN-FILL INSULATION<br/>VAR VAPOR CONTROL BARRIER<br/>5/8" (16mm) GYPSUM BOARD</p>                                                                                                                                                                                                                                                                           | <p>R-VALUE MIN. R 36.91 / MIN RSI 6.5</p> <p>INSULATION RRSI VALUES TO BE SPECIFIED PER PROJECT LOCATION AS PER NBC(AE) 9.36</p> <p>STUD CAVITY INSULATION AND RIGID INSULATION TO BE NON COMBUSTIBLE</p>                                                                                                     |
| R3                  |         | <p><b>TERRACE ROOF</b></p> <p>1/2" (38mm) WOOD DECKING<br/>1/2" (13mm) VENTED CAVITY W/ PLASTIC SHIMS<br/>1/2" (38mm) PRESSURE TREATED WOOD FRAMING PERPENDICULAR TO DIRECTION OF SLOPE<br/>&gt;W<br/>RIGID INSULATION<br/>PRESSURE TREATED WOOD FRAMING IN DIRECTION OF SLOPE<br/>&gt;W<br/>RIGID INSULATION<br/>ROOF MEMBRANE, 2 PLY MOD-BIT<br/>EXTERIOR GRADE PLYWOOD<br/>1/8" (16mm) CANTIED WOOD SLEEPERS, MIN 2% SLOPE<br/>1/8" (16mm) ENGINEERED WOOD JOIST OR JOIST (REFER TO STRUCTURAL)<br/>&gt;W<br/>5 1/2" (140mm) STUD CAVITY IN-FILL INSULATION<br/>VAR VAPOR CONTROL BARRIER<br/>1/8" (16mm) GYPSUM BOARD, TYPE X<br/>1/8" (16mm)</p> | <p>R-VALUE MIN. R 36.91 / MIN RSI 6.5</p> <p>FRR 1HR AS PER NBC (AE)3.1.1.1</p> <p>FRR BASED ON F<sub>40</sub> AS PER NBC (AE) 9.10.3.1-8</p> <p>INSULATION RRSI VALUES TO BE SPECIFIED PER PROJECT LOCATION AS PER NBC(AE) 9.36</p> <p>STUD CAVITY INSULATION AND RIGID INSULATION TO BE NON COMBUSTIBLE</p> |

| F - FLOOR ASSEMBLIES                                                             |                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                           |         |                                   |                                                                                  |                                   |                                                |     |                                                                                  |  |                                                                   |  |
|----------------------------------------------------------------------------------|----------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-----------------------------------|----------------------------------------------------------------------------------|-----------------------------------|------------------------------------------------|-----|----------------------------------------------------------------------------------|--|-------------------------------------------------------------------|--|
| TYPE                                                                             | DIAGRAM                                                        | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | PERFORMANCE                                                                                                                                                                                                                                                                                                                                                                                                                               |         |                                   |                                                                                  |                                   |                                                |     |                                                                                  |  |                                                                   |  |
| F1                                                                               | <p>INTERIOR</p> <p>ENGINEERED FILL / INORGANIC NATIVE SOIL</p> | <p><b>SLAB ON GRADE</b></p> <p>/AR<br/>3" (76mm)<br/>VAR<br/>8" (200mm)</p> <p>CAST-IN-PLACE CONCRETE SLAB-ON-GRADE, REFER TO STRUCTURAL<br/>BELOW GRADE RIGID INSULATION<br/>VAPOR CONTROL BARRIER<br/>FREE-DRAINING GRANULAR BASE</p>                                                                                                                                                                                                                                                                                                                                                                                              | <table><tr><td>R-VALUE</td><td>MIN. R 13.82 /<br/>MIN RSI 2.43</td></tr><tr><td colspan="2">INSULATION R/RSI VALUES TO BE SPECIFIED PER PROJECT LOCATION AS PER NBC(AE) 9.36</td></tr></table>                                                                                                                                                                                                                                            | R-VALUE | MIN. R 13.82 /<br>MIN RSI 2.43    | INSULATION R/RSI VALUES TO BE SPECIFIED PER PROJECT LOCATION AS PER NBC(AE) 9.36 |                                   |                                                |     |                                                                                  |  |                                                                   |  |
| R-VALUE                                                                          | MIN. R 13.82 /<br>MIN RSI 2.43                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                           |         |                                   |                                                                                  |                                   |                                                |     |                                                                                  |  |                                                                   |  |
| INSULATION R/RSI VALUES TO BE SPECIFIED PER PROJECT LOCATION AS PER NBC(AE) 9.36 |                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                           |         |                                   |                                                                                  |                                   |                                                |     |                                                                                  |  |                                                                   |  |
| F2                                                                               | <p>INTERIOR</p> <p>VAR</p>                                     | <p><b>WOOD FRAMED FLOOR, RATED</b></p> <p>3/4" (19mm)<br/>1 1/4" (30mm)<br/>3/4" (19mm)<br/>VAR<br/>6" (152mm)<br/>1/2" (13mm)<br/>5/8" (16mm)<br/>5/8" (16mm)<br/>VAR</p> <p>FLOOR FINISH<br/>RUBBER UNDERLAY<br/>TAG PLYWOOD SUBFLOOR, SCREWED &amp; GLUED<br/>ENGINEERED WOOD JOIST OR I-JOIST (REFER TO STRUCTURAL)<br/>ACOUSTIC BATT IN-FILL INSULATION<br/>RESILIENT FURRING CHANNELS @ 600mm O/C<br/>INTERIOR GYPSUM BOARD, TYPE X<br/>WOOD FRAMED WITH GYPSUM BOARD<br/>BULKHEAD/SUSPENDED CEILING AT MECH DUCTS, REFER TO MECHANICAL.</p>                                                                                   | <table><tr><td>FRR</td><td>1HR AS PER<br/>NBC (AE) 9.10.3.1.1</td></tr><tr><td>STC</td><td>54</td></tr><tr><td>IIC</td><td>48</td></tr><tr><td colspan="2">FRR BASED ON Fbb AS PER<br/>NBC (AE) 9.10.3.1.1-8</td></tr></table>                                                                                                                                                                                                            | FRR     | 1HR AS PER<br>NBC (AE) 9.10.3.1.1 | STC                                                                              | 54                                | IIC                                            | 48  | FRR BASED ON Fbb AS PER<br>NBC (AE) 9.10.3.1.1-8                                 |  |                                                                   |  |
| FRR                                                                              | 1HR AS PER<br>NBC (AE) 9.10.3.1.1                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                           |         |                                   |                                                                                  |                                   |                                                |     |                                                                                  |  |                                                                   |  |
| STC                                                                              | 54                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                           |         |                                   |                                                                                  |                                   |                                                |     |                                                                                  |  |                                                                   |  |
| IIC                                                                              | 48                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                           |         |                                   |                                                                                  |                                   |                                                |     |                                                                                  |  |                                                                   |  |
| FRR BASED ON Fbb AS PER<br>NBC (AE) 9.10.3.1.1-8                                 |                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                           |         |                                   |                                                                                  |                                   |                                                |     |                                                                                  |  |                                                                   |  |
| F3                                                                               | <p>INTERIOR</p> <p>VAR</p>                                     | <p><b>WOOD FRAMED FLOOR</b></p> <p>3/4" (19mm)<br/>1 1/4" (30mm)<br/>3/4" (19mm)<br/>VAR<br/>3 1/2" (89mm)<br/>1/2" (13mm)<br/>5/8" (16mm)<br/>VAR</p> <p>FLOOR FINISH<br/>RUBBER UNDERLAY<br/>TAG PLYWOOD SUBFLOOR, SCREWED &amp; GLUED<br/>ENGINEERED WOOD JOIST OR I-JOIST (REFER TO STRUCTURAL)<br/>ACOUSTIC BATT IN-FILL INSULATION<br/>RESILIENT FURRING CHANNELS<br/>INTERIOR GYPSUM BOARD<br/>WOOD FRAMED WITH GYPSUM BOARD<br/>BULKHEAD/SUSPENDED CEILING AT MECH DUCTS, REFER TO MECHANICAL.</p>                                                                                                                           | <table><tr><td>FRR</td><td>N/A</td></tr><tr><td>STC</td><td>N/A</td></tr><tr><td>IIC</td><td>N/A</td></tr></table>                                                                                                                                                                                                                                                                                                                        | FRR     | N/A                               | STC                                                                              | N/A                               | IIC                                            | N/A |                                                                                  |  |                                                                   |  |
| FRR                                                                              | N/A                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                           |         |                                   |                                                                                  |                                   |                                                |     |                                                                                  |  |                                                                   |  |
| STC                                                                              | N/A                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                           |         |                                   |                                                                                  |                                   |                                                |     |                                                                                  |  |                                                                   |  |
| IIC                                                                              | N/A                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                           |         |                                   |                                                                                  |                                   |                                                |     |                                                                                  |  |                                                                   |  |
| F4                                                                               | <p>INTERIOR</p> <p>EXTERIOR</p>                                | <p><b>EXTERIOR ENVELOPE SOFFIT</b></p> <p>1/4" (9mm)<br/>1/8" (10mm)<br/>1/4" (9mm)<br/>VAR<br/>/AR<br/>5 1/2" (140mm)<br/>1/8" (16mm)<br/>1/8" (16mm)<br/>/AR<br/>3" (76mm)<br/>/AR<br/>1/4" (6mm)</p> <p>FLOOR FINISH<br/>RUBBER UNDERLAY<br/>TAG PLYWOOD SUBFLOOR, SCREWED &amp; GLUED<br/>VAPOR BARRIER<br/>ENGINEERED WOOD JOIST OR I-JOIST (REFER TO STRUCTURAL)<br/>STUD CAVITY IN-FILL INSULATION (R-24.0)<br/>EXTERIOR GRADE PLYWOOD<br/>AIR BARRIER, VAPOR PERMEABLE<br/>RIGID INSULATION (R-12.8)<br/>VENTED CAVITY W/ METAL Z-GIRTS<br/>METAL SOFFIT</p>                                                                 | <table><tr><td>R-VALUE</td><td>MIN. R 10.22 /<br/>MIN RSI 1.8</td></tr><tr><td colspan="2">INSULATION R/RSI VALUES TO BE SPECIFIED PER PROJECT LOCATION AS PER NBC(AE) 9.36</td></tr></table>                                                                                                                                                                                                                                             | R-VALUE | MIN. R 10.22 /<br>MIN RSI 1.8     | INSULATION R/RSI VALUES TO BE SPECIFIED PER PROJECT LOCATION AS PER NBC(AE) 9.36 |                                   |                                                |     |                                                                                  |  |                                                                   |  |
| R-VALUE                                                                          | MIN. R 10.22 /<br>MIN RSI 1.8                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                           |         |                                   |                                                                                  |                                   |                                                |     |                                                                                  |  |                                                                   |  |
| INSULATION R/RSI VALUES TO BE SPECIFIED PER PROJECT LOCATION AS PER NBC(AE) 9.36 |                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                           |         |                                   |                                                                                  |                                   |                                                |     |                                                                                  |  |                                                                   |  |
| F5                                                                               | <p>INTERIOR</p> <p>EXTERIOR</p>                                | <p><b>EXTERIOR ENVELOPE SOFFIT, RATED</b></p> <p>1/4" (19mm)<br/>1 1/4" (30mm)<br/>1/4" (19mm)<br/>VAR<br/>/AR<br/>5 1/2" (140mm)<br/>1/8" (16mm)<br/>1/8" (16mm)<br/>/AR<br/>3" (76mm)<br/>/AR<br/>1/4" (6mm)</p> <p>FLOOR FINISH<br/>RUBBER UNDERLAY<br/>TAG PLYWOOD SUBFLOOR, SCREWED &amp; GLUED<br/>VAPOR BARRIER<br/>ENGINEERED WOOD JOIST OR I-JOIST (REFER TO STRUCTURAL)<br/>STUD CAVITY IN-FILL INSULATION (R-24.0)<br/>EXTERIOR GRADE GYPSUM BOARD, TYPE X<br/>EXTERIOR GRADE GYPSUM BOARD, TYPE X<br/>AIR BARRIER, VAPOR PERMEABLE<br/>RIGID INSULATION (R-12.8)<br/>VENTED CAVITY W/ METAL Z-GIRTS<br/>METAL SOFFIT</p> | <table><tr><td>R-VALUE</td><td>MIN. R 10.22 /<br/>MIN RSI 1.8</td></tr><tr><td>FRR</td><td>1HR AS PER<br/>NBC (AE) 9.10.3.1.1</td></tr><tr><td colspan="2">FRR BASED ON F4b AS PER<br/>NBC (AE) 9.10.3.1-8</td></tr><tr><td colspan="2">INSULATION R/RSI VALUES TO BE SPECIFIED PER PROJECT LOCATION AS PER NBC(AE) 9.36</td></tr><tr><td colspan="2">STUD CAVITY INSULATION AND RIGID INSULATION TO BE NON COMBUSTIBLE</td></tr></table> | R-VALUE | MIN. R 10.22 /<br>MIN RSI 1.8     | FRR                                                                              | 1HR AS PER<br>NBC (AE) 9.10.3.1.1 | FRR BASED ON F4b AS PER<br>NBC (AE) 9.10.3.1-8 |     | INSULATION R/RSI VALUES TO BE SPECIFIED PER PROJECT LOCATION AS PER NBC(AE) 9.36 |  | STUD CAVITY INSULATION AND RIGID INSULATION TO BE NON COMBUSTIBLE |  |
| R-VALUE                                                                          | MIN. R 10.22 /<br>MIN RSI 1.8                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                           |         |                                   |                                                                                  |                                   |                                                |     |                                                                                  |  |                                                                   |  |
| FRR                                                                              | 1HR AS PER<br>NBC (AE) 9.10.3.1.1                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                           |         |                                   |                                                                                  |                                   |                                                |     |                                                                                  |  |                                                                   |  |
| FRR BASED ON F4b AS PER<br>NBC (AE) 9.10.3.1-8                                   |                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                           |         |                                   |                                                                                  |                                   |                                                |     |                                                                                  |  |                                                                   |  |
| INSULATION R/RSI VALUES TO BE SPECIFIED PER PROJECT LOCATION AS PER NBC(AE) 9.36 |                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                           |         |                                   |                                                                                  |                                   |                                                |     |                                                                                  |  |                                                                   |  |
| STUD CAVITY INSULATION AND RIGID INSULATION TO BE NON COMBUSTIBLE                |                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                           |         |                                   |                                                                                  |                                   |                                                |     |                                                                                  |  |                                                                   |  |



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| MEMBRANE LEGEND                                                                     |                                |
|-------------------------------------------------------------------------------------|--------------------------------|
|  | AIR BARRIER, VAPOUR PERMEABLE  |
|  | BUTYL TAPE TRANSITION MEMBRANE |
|  | ROOF MEMBRANE                  |
|  | ROOF MEMBRANE, 2-PLY MOD-BIT   |
|  | VAPOUR CONTROL BARRIER         |
|  | FOUNDATION DAMP PROOFING       |
|  | PRE-FIN METAL FLASHING         |

| INSULATION LEGEND                                                                   |                              |
|-------------------------------------------------------------------------------------|------------------------------|
|  | RIGID INSULATION             |
|  | BELOW GRADE RIGID INSULATION |
|  | MINERAL WOOL, BATT           |

[illegible]

PROJECT:

CMHC HOUSING  
CATALOGUE

ALBERTA, CANADA

**NOT FOR PERMIT  
OR CONSTRUCTION**

SHEET TITLE:

ASSEMBLIES SCHEDULE

AB Accessory Dwelling Unit 02

PROJECT NO: 241058  
SCALE: 1 : 10

SHEET NO:

A003

The diagram illustrates five different door types, each with its own dimensions and features:

- DOOR TYPE A: EXTERIOR SOLID PANEL WITH DOOR VIEWER** - Features a solid panel with a diagonal door viewer. Dimensions: WIDTH, HEIGHT.
- DOOR TYPE B: EXTERIOR SLIDING DOOR** - Features a sliding door mechanism. Dimensions: WIDTH, HEIGHT.
- DOOR TYPE C: EXTERIOR GARAGE DOOR** - Features a garage door with a diagonal support structure. Dimensions: WIDTH, HEIGHT.
- DOOR TYPE D: INTERIOR SOLID PANEL** - Features a solid interior panel. Dimensions: WIDTH, HEIGHT.
- DOOR TYPE E: INTERIOR 4 PANEL FOLDING CLOSET DOOR** - Features a four-panel folding closet door. Dimensions: WIDTH, HEIGHT.

A North arrow is located on the left side of the diagram.

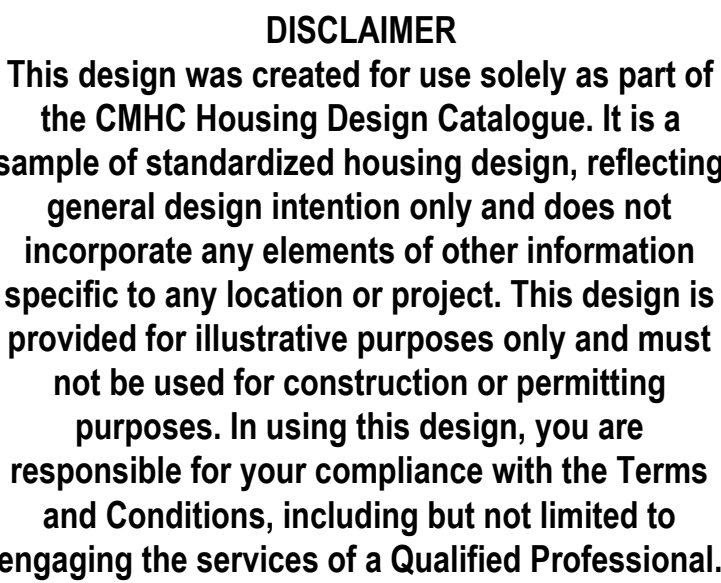
The diagram illustrates three window types and their measurement conventions:

- WINDOW TYPE A (FIXED):** A simple rectangular window. The width and height are indicated by dimension lines. The sill height is noted as varying and referring to the elevation.
- WINDOW TYPE B (CASEMENT):** A window with a triangular opening at the top. The width and height are indicated by dimension lines. The sill height is noted as varying and referring to the elevation.
- WINDOW TYPE C (AWNING):** A window with a triangular opening at the bottom. The width and height are indicated by dimension lines. The sill height is noted as varying and referring to the elevation.

1. WINDOWS AND DOORS TO CONFORM TO REQUIREMENTS OF NBC(AE) 9.7.3 AND NBC(AE) 9.7.4
2. MAXIMUM U-VALUE FOR WINDOWS TO CONFORM TO ABC TABLE NBC(AE) 9.7.3.3 AND NBC(AE) 9.26.7-2
3. ALL OPERABLE WINDOWS WITH A SILL HEIGHT OR OPERABLE SECTION LESS THAN 900mm ABOVE FINISHED FLOOR AND 1800mm ABOVE THE FLOOR OR GROUND ON THE OTHER SIDE OF THE WINDOW SHALL BE PROTECTED BY A SWING LIMIT RESTRICTING THE SWING TO NOT MORE THAN 100mm EITHER VERTICALLY OR HORIZONTALLY PER NBC(AE) 9.8.1.5
4. ALL GLASS TO MEET MATERIAL STANDARDS PER NBC(AE) 9.6.1.2
5. ALL SIDELIGHTS OR GLAZING AT INDOOR ENTRIES TO DWELLING UNITS TO BE TEMPERED OR LAMINATED PER NBC(AE) 9.6.1.4
6. MINIMUM REQUIRED THERMAL CHARACTERISTIC OF FENESTRATION AND DOORS HAS BEEN SHOWN AS CLIMATE ZONE 7A: MAX. U-VALUE 2.0. PROFESSIONAL DESIGNER TO REVISE AS REQUIRED FOR SITE CONDITION. MIN.
7. ALL PRINCIPAL ENTRANCE DOORS, EXIT DOORS OR DOORS TO SUITES INCLUDING EXTERIOR DOORS TO DWELLING UNITS SHALL BE OPERABLE FROM THE INSIDE WITHOUT KEYS AND DOOR RELEASE HARDWARE; SHALL BE GRASPABLE WITH ONE HAND; AND INSTALLED AT 900mm ABOVE FINISHED FLOOR PER NBC(AE) 9.9.6.7.
8. ALL EXTERIOR DOORS TO HAVE INSULATED CORE & INSTALLED WITH WEATHERSTRIPPING.
9. EACH BEDROOM TO HAVE AT LEAST ONE WINDOW OR EXTERIOR DOOR IN COMPLIANCE WITH NBC(AE) 9.9.10.1. FOR EGRESS WINDOWS OR DOORS FOR BEDROOMS.
10. DOORS, DAMPERS OR OTHER CLOSURES FOR FIRE SEPARATIONS TO BE INSTALLED AS PER NBC(AE) 9.10.13.
11. DOOR STOP REQUIRED AS PER NBC(AE) 9.10.13.6
12. FLAME-SPREAD RATING OF ALL WINDOWS TO CONFORM TO NBC(AE) 9.10.17.1
13. REFER TO NBC(AE) 9.7.2.2 FOR ADDITIONAL REQUIREMENTS FOR WINDOWS & DOORS.
14. ALL GLAZING SHOWN AS TRIPLE

| TAG  | TYPE        | METRIC SIZE (mm) |        | IMPERIAL SIZE (FT-IN) |           | FIRE RATING | Type Comments                                                         |
|------|-------------|------------------|--------|-----------------------|-----------|-------------|-----------------------------------------------------------------------|
|      |             | WIDTH            | HEIGHT | WIDTH                 | HEIGHT    |             |                                                                       |
| DA01 | DOOR TYPE A | 965              | 2349   | 3'-2"                 | 7'-8 1/2" | N/A         | DOOR VIEWER AS PER NBC(AE) 9.7.2.1                                    |
| DA02 | DOOR TYPE A | 965              | 2349   | 3'-2"                 | 7'-8 1/2" | 3/4HR       | DOOR VIEWER AS PER NBC(AE) 9.7.2.1<br>RATING AS PER NBC(AE)9.10.13.2. |
| DB01 | DOOR TYPE B | 1829             | 2438   | 6'-0"                 | 8'-0"     | N/A         |                                                                       |
| DC01 | DOOR TYPE C | 5499             | 2134   | 18'-0 1/2"            | 7'-0"     | N/A         |                                                                       |
| DD01 | DOOR TYPE D | 914              | 2032   | 3'-0"                 | 6'-8"     | N/A         |                                                                       |
| DD02 | DOOR TYPE D | 711              | 2032   | 2'-4"                 | 6'-8"     | N/A         |                                                                       |
| DD03 | DOOR TYPE D | 750              | 2000   | 2'-5 1/2"             | 6'-6 3/4" | N/A         |                                                                       |
| DE01 | DOOR TYPE E | 900              | 2032   | 2'-11 7/16"           | 6'-8"     | N/A         |                                                                       |
| DE02 | DOOR TYPE E | 1400             | 2032   | 4'-7 1/8"             | 6'-8"     | N/A         |                                                                       |
| DE03 | DOOR TYPE E | 1600             | 2032   | 5'-3"                 | 6'-8"     | N/A         |                                                                       |

| TAG  | TYPE          | METRIC SIZE (mm) |        | IMPERIAL SIZE (R-IN) |             | COMMENTS |
|------|---------------|------------------|--------|----------------------|-------------|----------|
|      |               | WIDTH            | HEIGHT | WIDTH                | HEIGHT      |          |
| WA01 | WINDOW TYPE A | 600              | 600    | 1'-11 5/8"           | 1'-11 5/8"  |          |
| WA02 | WINDOW TYPE A | 650              | 2000   | 2'-1 9/16"           | 6'-6 3/4"   |          |
| WA03 | WINDOW TYPE A | 1200             | 2000   | 3'-11 1/4"           | 6'-6 3/4"   |          |
| WB01 | WINDOW TYPE B | 600              | 1200   | 1'-11 5/8"           | 3'-11 1/4"  |          |
| WC01 | WINDOW TYPE C | 600              | 600    | 1'-11 5/8"           | 1'-11 5/8"  |          |
| WC02 | WINDOW TYPE C | 650              | 500    | 2'-1 9/16"           | 1'-7 11/16" |          |
| WC03 | WINDOW TYPE C | 650              | 1550   | 2'-1 9/16"           | 5'-1"       |          |



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| 1 | 2025-02-21 | Issued as Prototypical Drawing |
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| NO. | DATE | DESCRIPTION |
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PROJECT:  
CMHC HOUSING  
CATALOGUE

ALBERTA, CANADA

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SHEET TITLE:

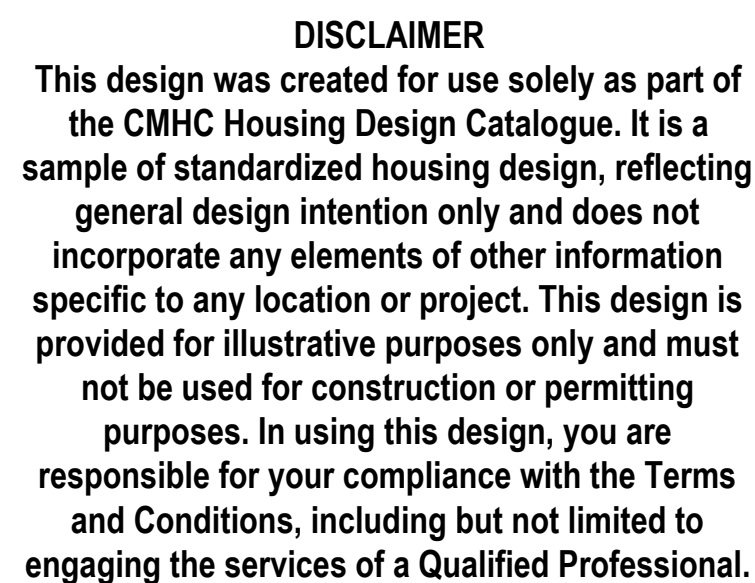
OPENINGS SCHEDULE

AB Accessory Dwelling Unit 02

PROJECT NO: 241058  
SCALE: 1 : 50

**SHEET NO**

A004



| NO. | DATE | DESCRIPTION |
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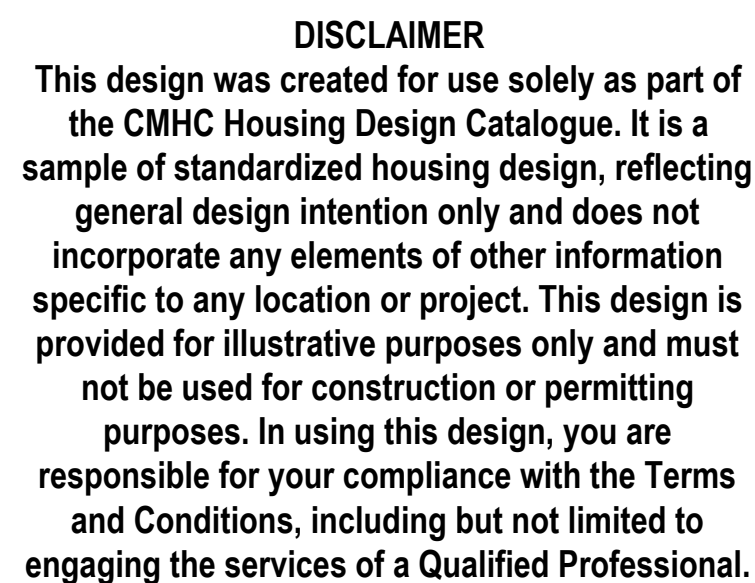
ALBERTA, CANADA

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AB Accessory Dwelling Unit 02

SHEET NO:

A005



|                                                                                     |                                   |
|-------------------------------------------------------------------------------------|-----------------------------------|
|  | AIR BARRIER, VAPOUR PERMEABLE     |
|  | AIR BARRIER, NON-VAPOUR PERMEABLE |
|  | TRANSITION MEMBRANE               |
|  | THROUGH-WALL FLASHING             |
|  | VAPOUR CONTROL BARRIER            |
|  | FOUNDATION DAMP PROOFING          |
|  | PRE-FIN METAL FLASHING            |

|                                                                                     |                          |
|-------------------------------------------------------------------------------------|--------------------------|
|  | MINERAL WOOL, SEMI-RIGID |
|  | EXTRUDED POLYSTYRENE     |
|  | EXPANDED POLYSOCYANURATE |
|  | SPRAY FOAM               |
|  | MINERAL WOOL, BATT       |

| NO. | DATE | DESCRIPTION |
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AB Accessory Dwelling Unit 02

A006



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MEMBRANE LEGEND

- AIR BARRIER, VAPOUR PERMEABLE
- AIR BARRIER, NON-VAPOUR PERMEABLE
- TRANSITION MEMBRANE
- THROUGH-WALL FLASHING
- VAPOUR CONTROL BARRIER
- FOUNDATION DAMP PROOFING
- PRE-FIN METAL FLASHING

INSULATION LEGEND

- MINERAL WOOL, SEMI-RIGID
- EXTRUDED POLYSTYRENE
- EXPANDED POLYISOCYANURATE
- SPRAY FOAM
- MINERAL WOOL, BATT

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| NO. | DATE | DESCRIPTION |
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PROJECT:  
CMHC HOUSING CATALOGUE

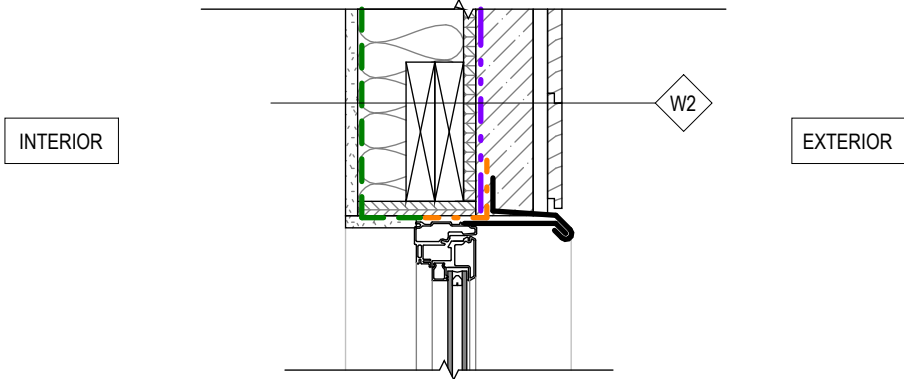
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SHEET TITLE:  
TYP. DETAILS

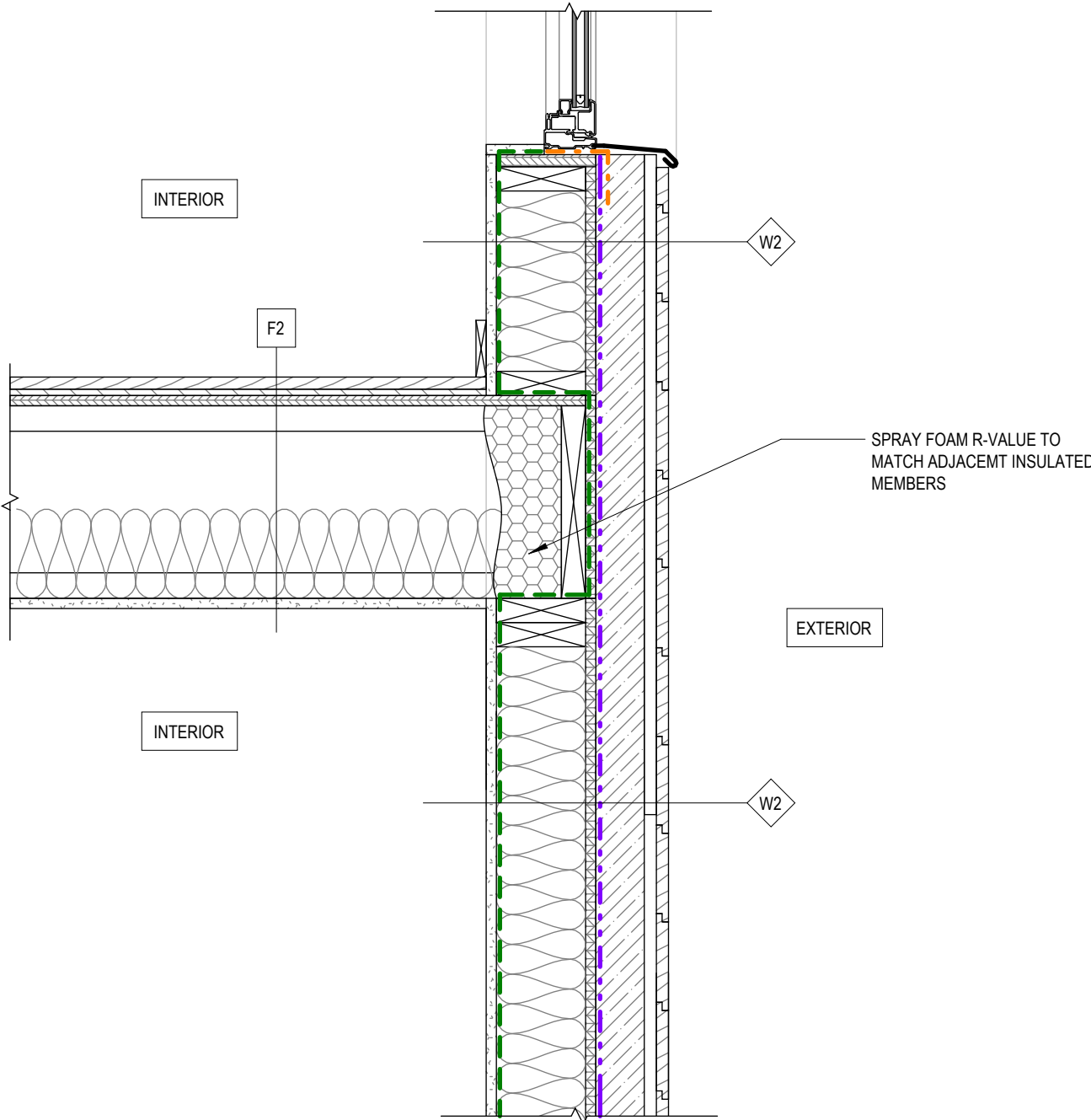
AB Accessory Dwelling Unit 02

PROJECT NO: 241058  
SCALE: As indicated

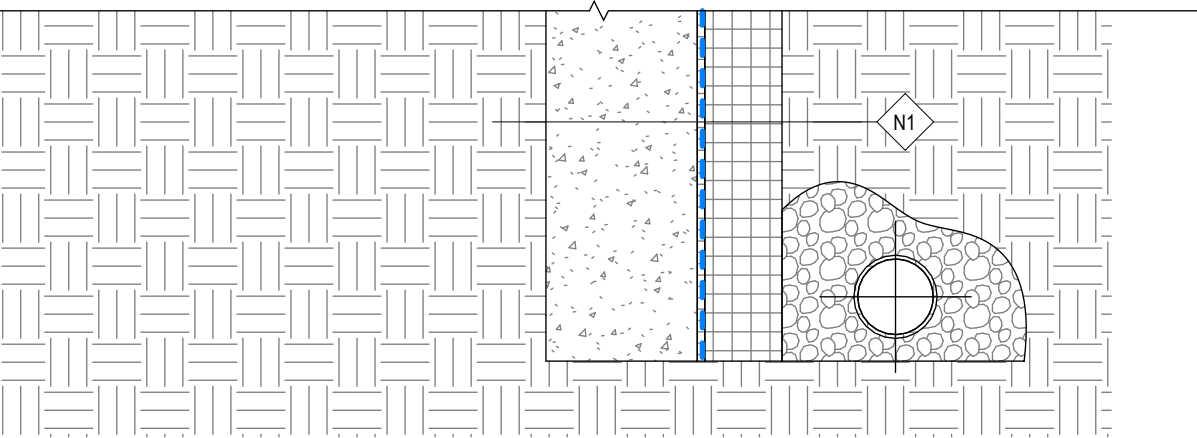
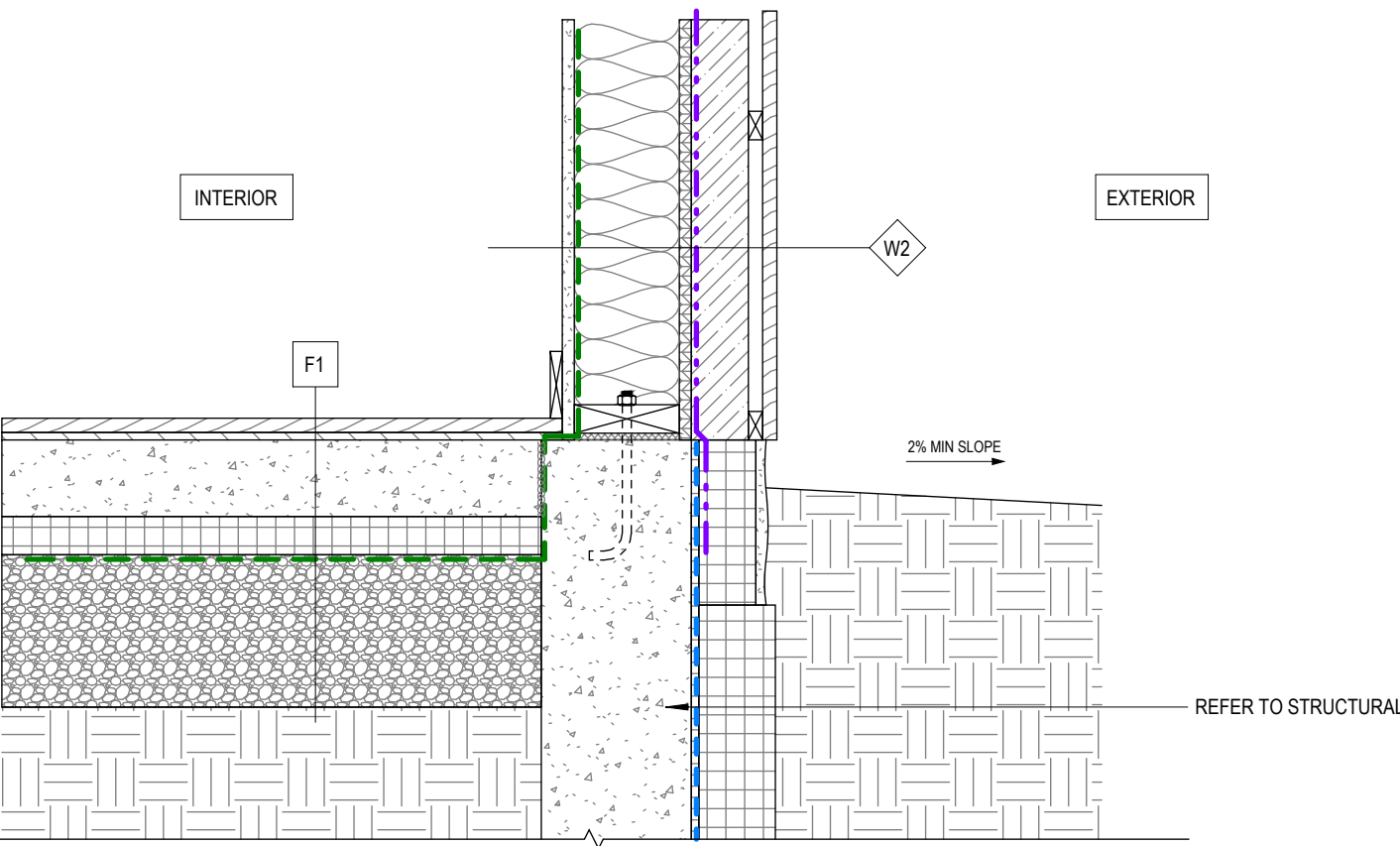
SHEET NO:  
**A007**



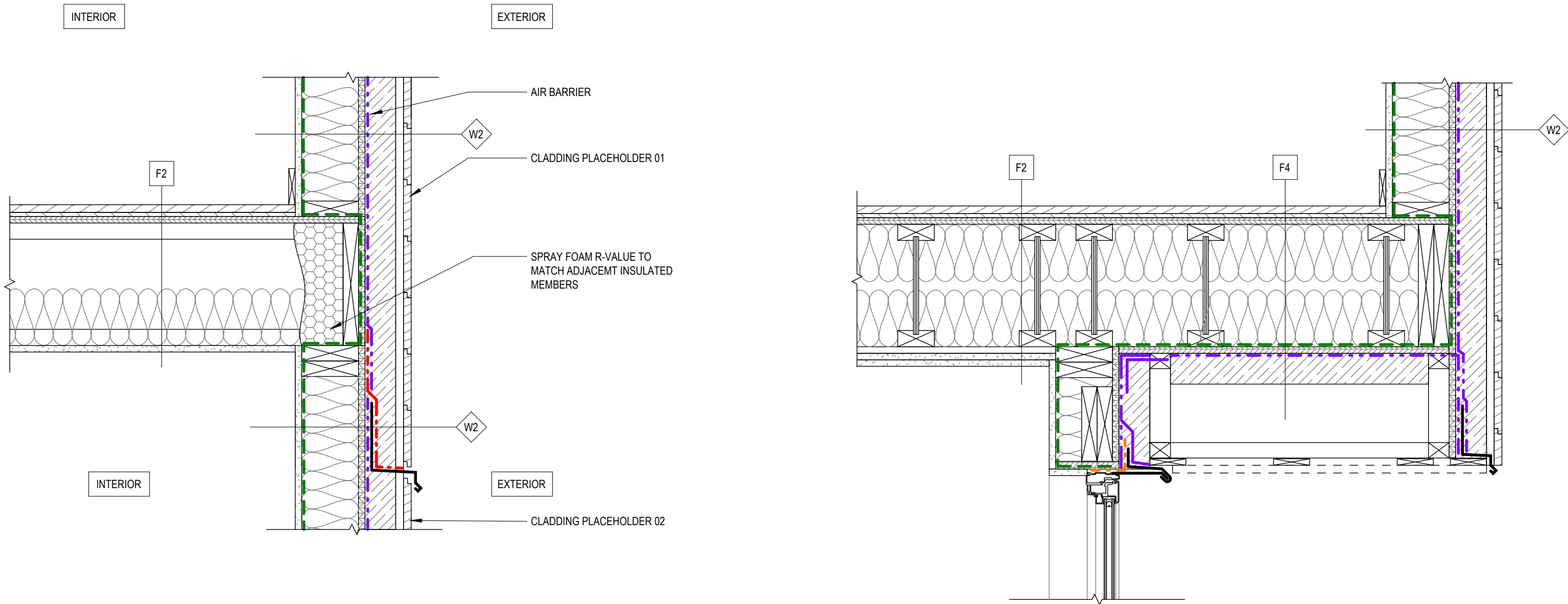
3 SECTION DETAIL - TYP. EAVE & WINDOW HEAD  
1 : 10



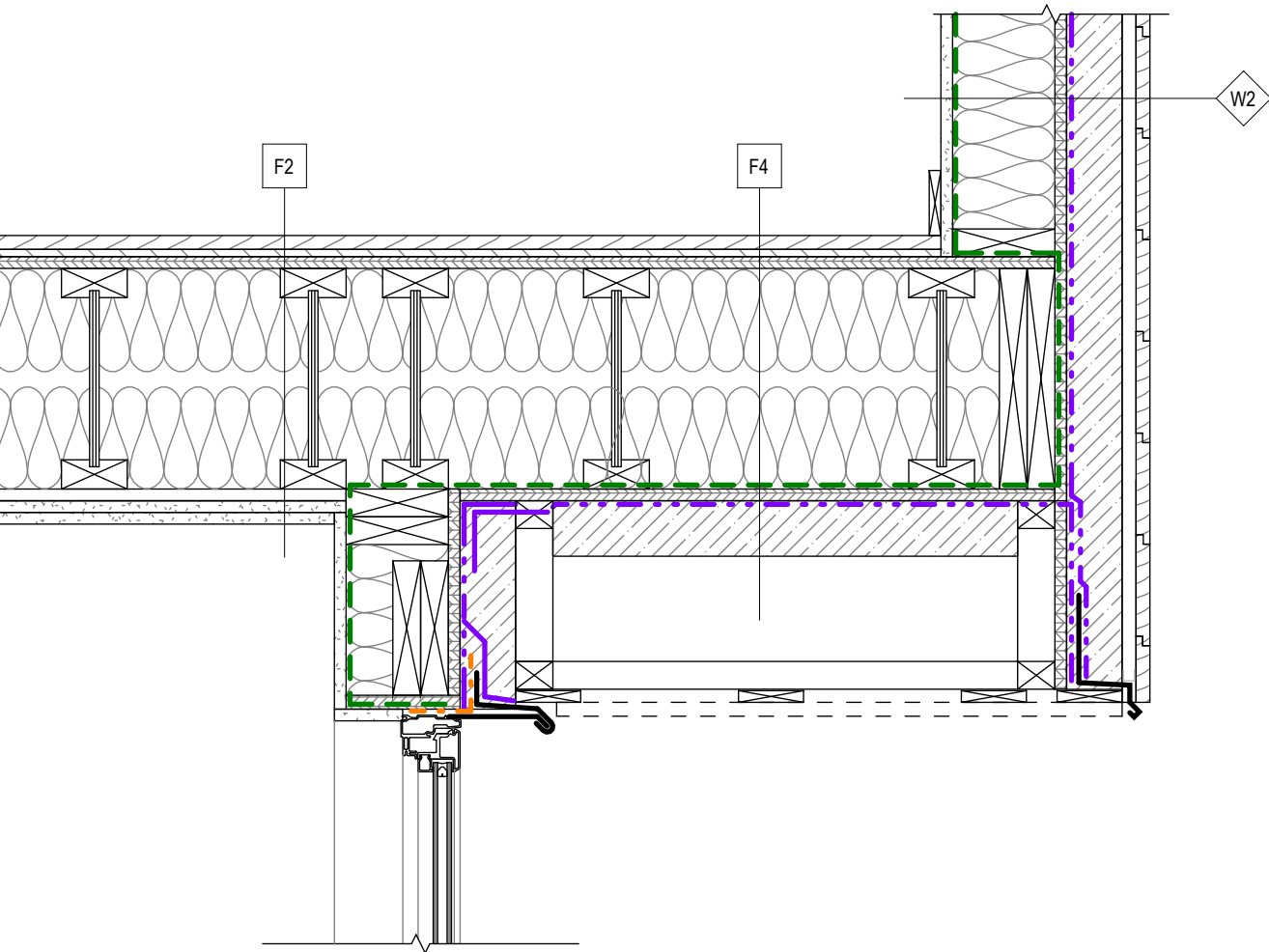
4 SECTION DETAIL - TYP. FLOOR TO WALL & WINDOW SILL  
1 : 10



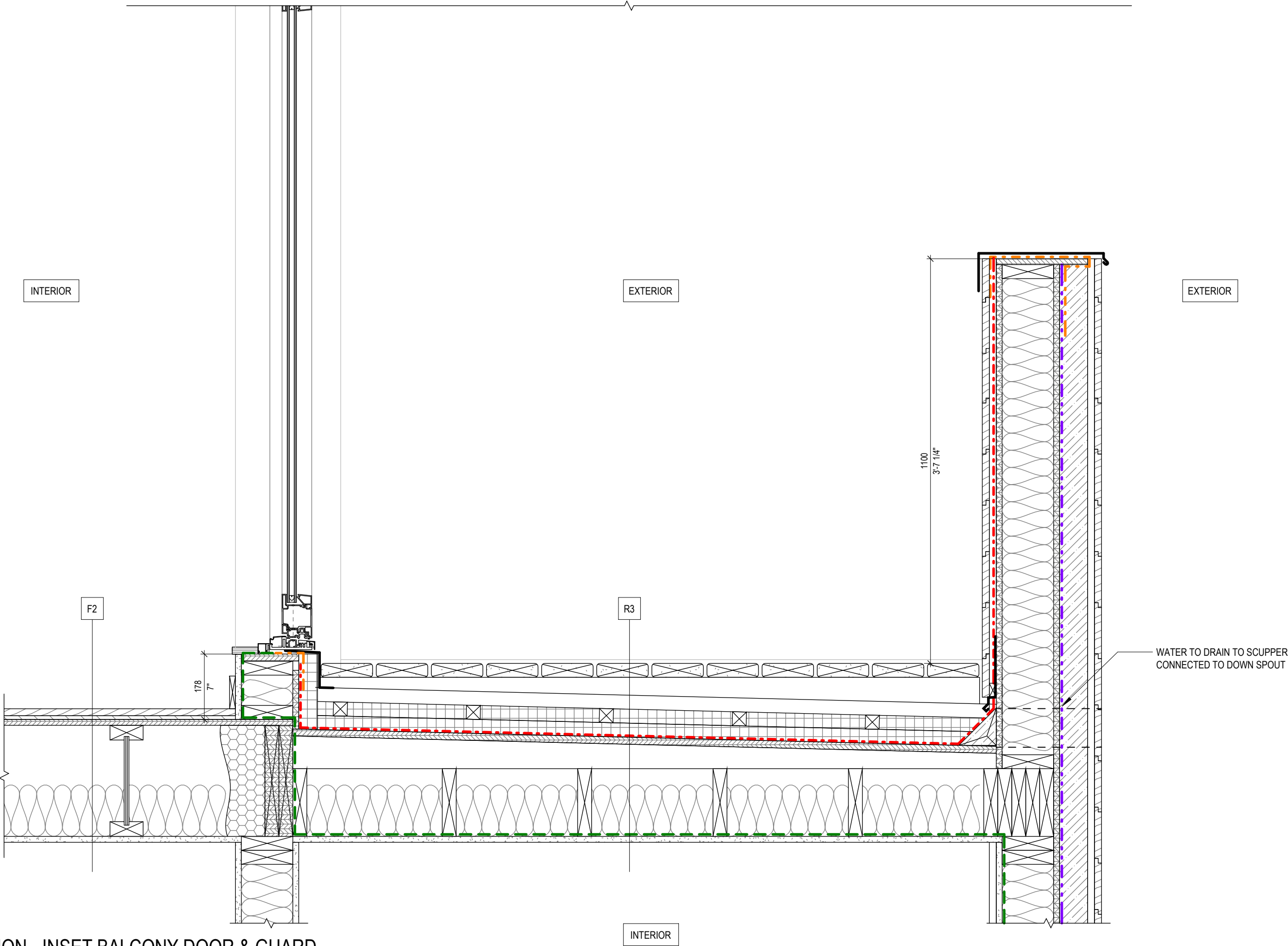
6 SECTION DETAIL - TYP. FOUNDATION DETAIL  
1 : 10



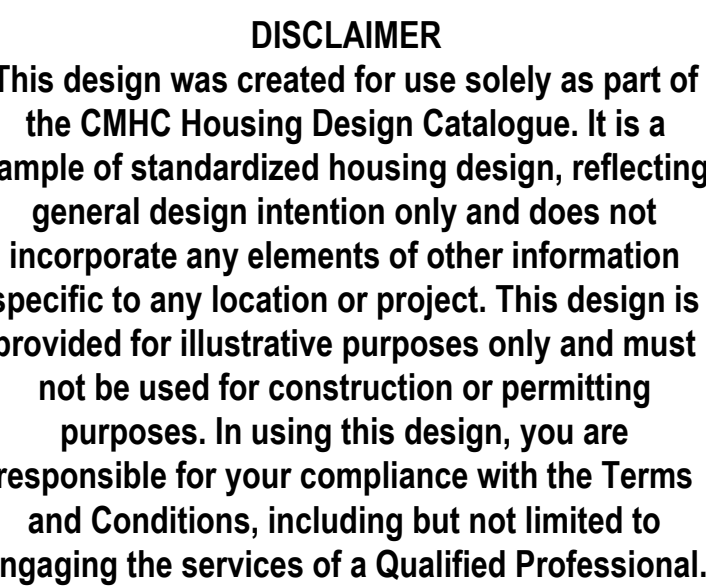
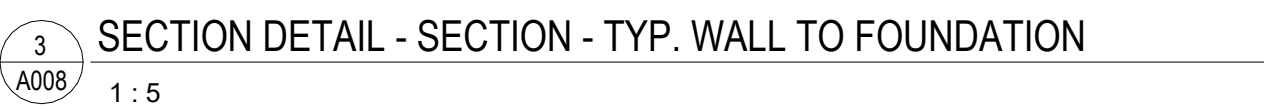
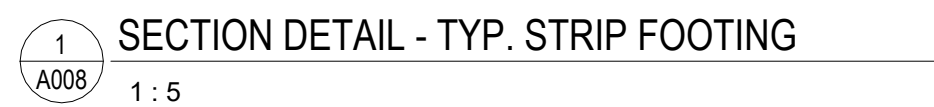
1 SECTION - TYP. THRU WALL FLASHING AT FLOOR  
1 : 10

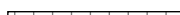


2 SECTION - TYP. WINDOW SOFFIT DETAIL  
1 : 10



5 SECTION - INSET BALCONY DOOR & GUARD  
1 : 10



| INSULATION LEGEND                                                                   |                           |
|-------------------------------------------------------------------------------------|---------------------------|
|  | MINERAL WOOL, SEMI-RIGID  |
|  | EXTRUDED POLYSTYRENE      |
|  | EXPANDED POLYISOCYANURATE |
|  | SPRAY FOAM                |
|  | MINERAL WOOL, BATT        |

| NO. | DATE | DESCRIPTION |
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ALBERTA, CANADA

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AB Accessory Dwelling Unit 02

SHEET NO:  
**A008**

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MEMBRANE LEGEND

- AIR BARRIER, VAPOUR PERMEABLE
- AIR BARRIER, NON-VAPOUR PERMEABLE
- TRANSITION MEMBRANE
- THROUGH-WALL FLASHING
- VAPOUR CONTROL BARRIER
- FOUNDATION DAMP PROOFING
- PRE-FIN METAL FLASHING

INSULATION LEGEND

- MINERAL WOOL, SEMI-RIGID
- EXTRUDED POLYSTYRENE
- EXPANDED POLYISOCYANURATE
- SPRAY FOAM
- MINERAL WOOL, BATT

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PROJECT:  
CMHC HOUSING  
CATALOGUE

ALBERTA, CANADA

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OR CONSTRUCTION**

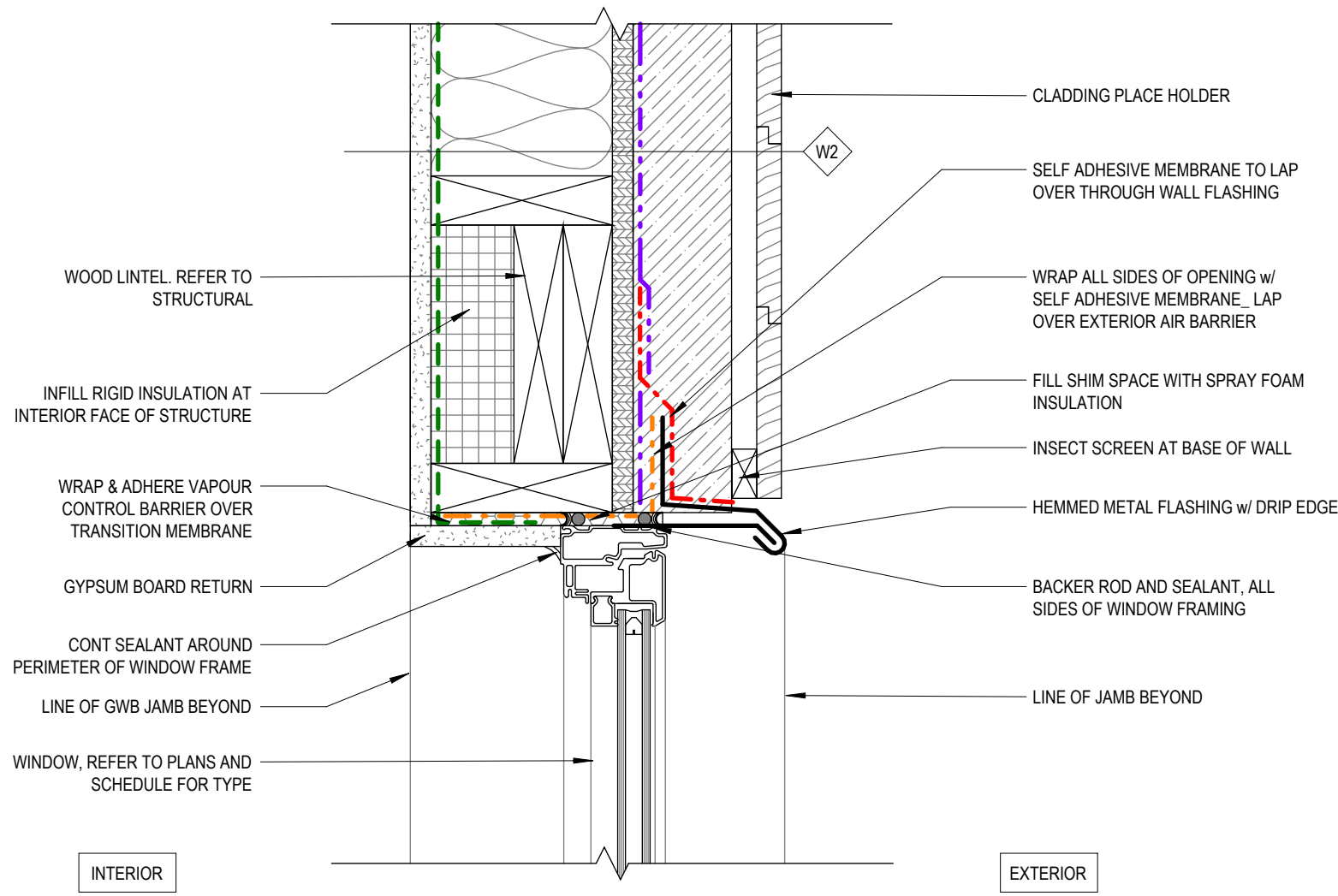
SHEET TITLE:  
TYP. DETAILS

AB Accessory Dwelling Unit 02

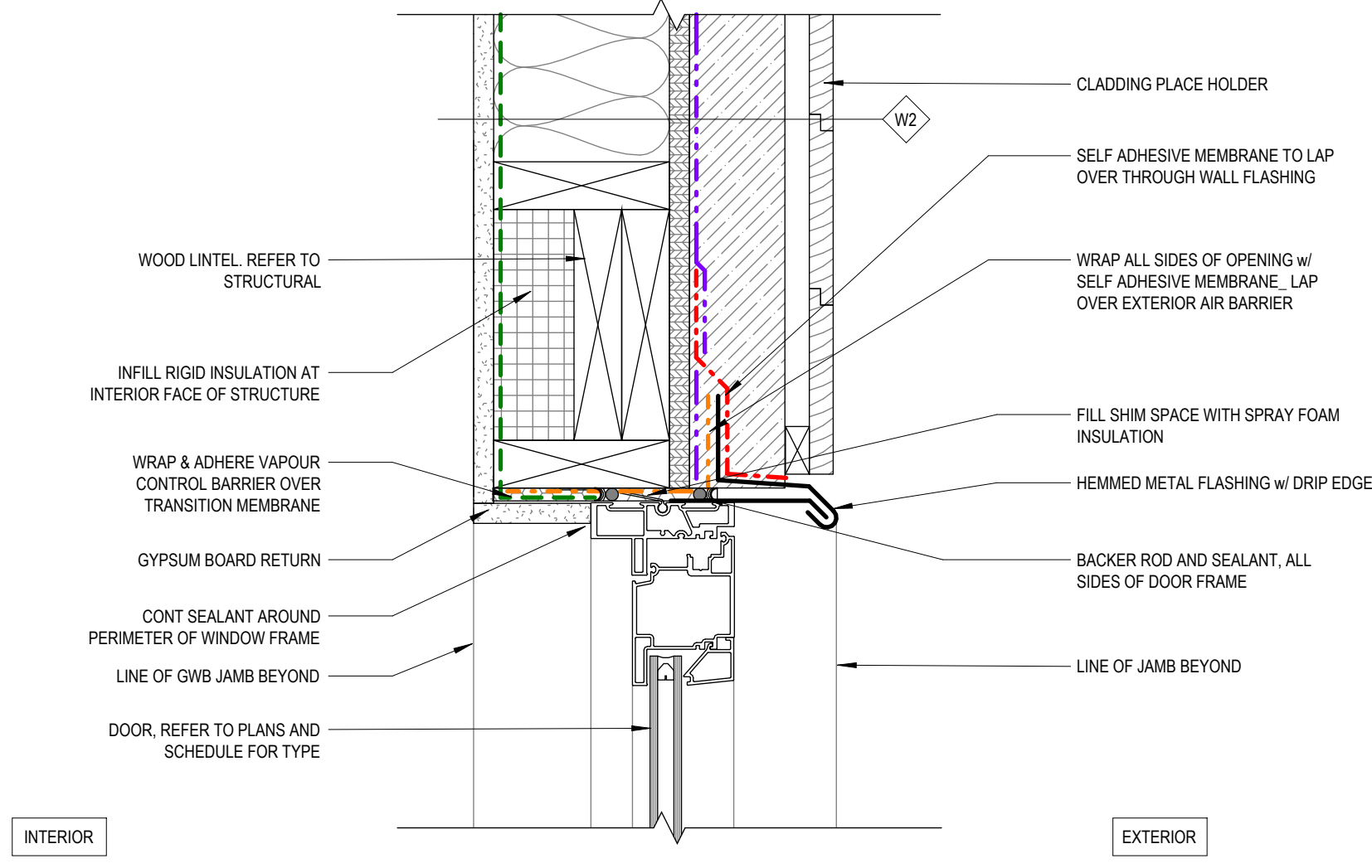
PROJECT NO: 241058  
SCALE: As indicated

SHEET NO:

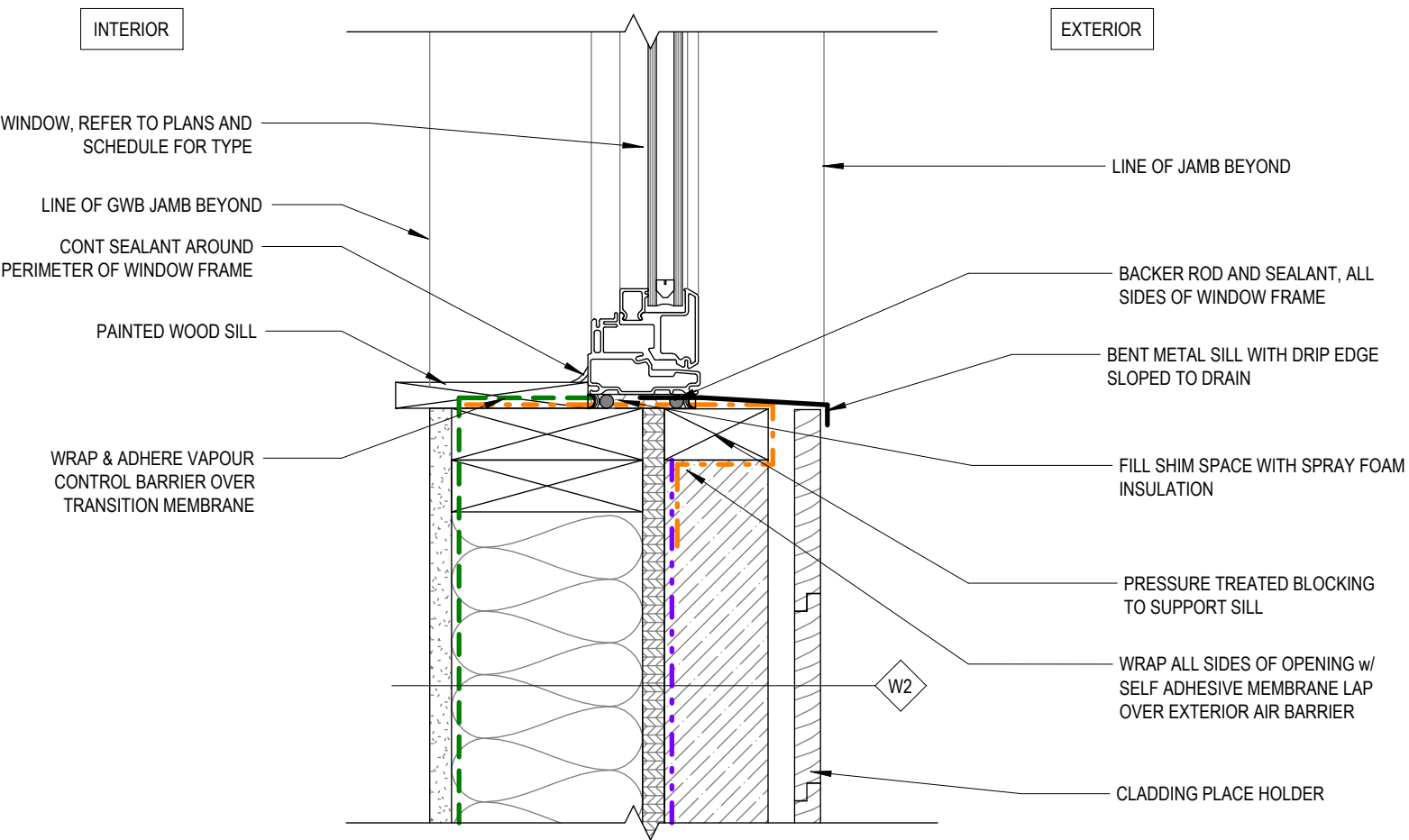
A009



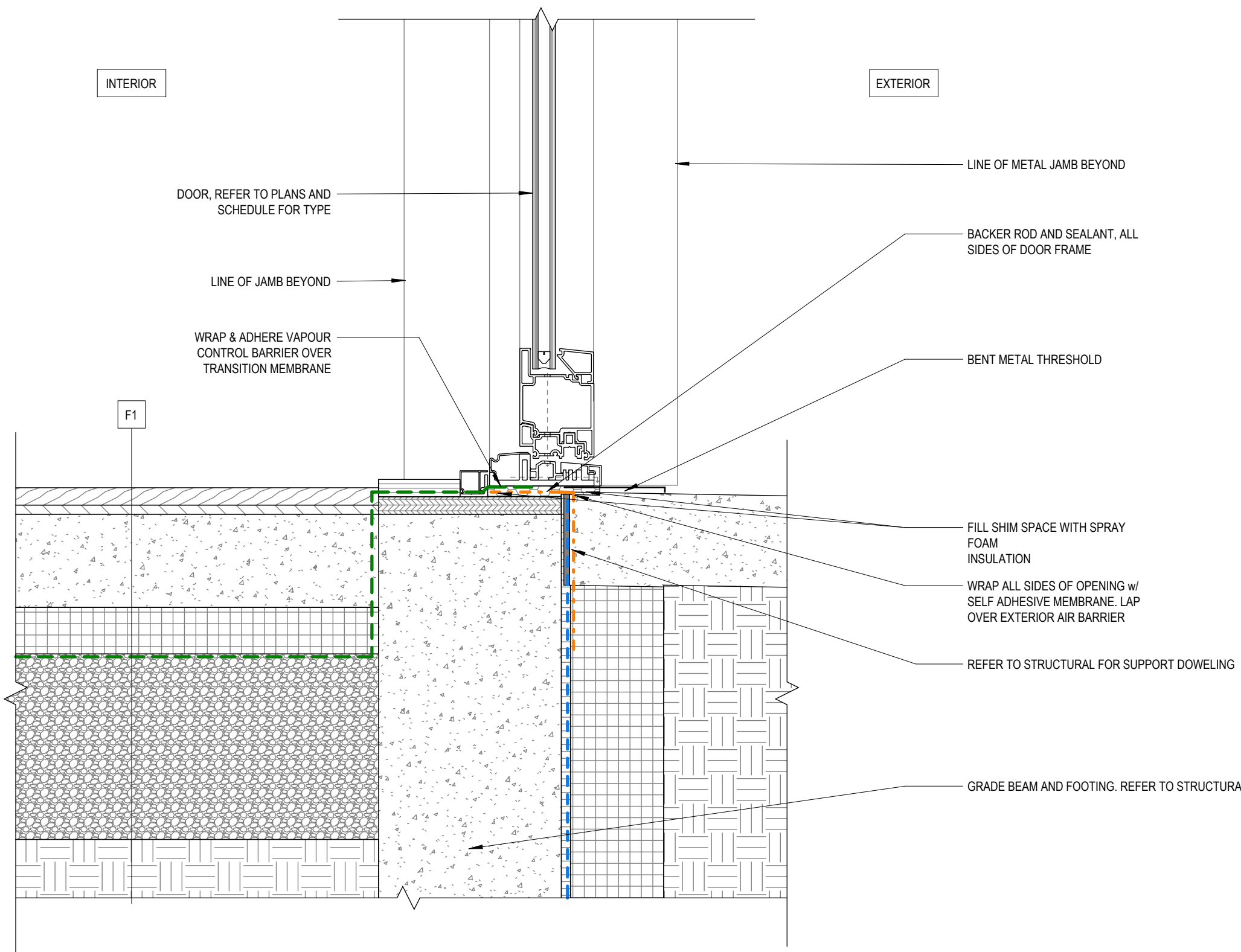
1 SECTION DETAIL - TYP. WINDOW HEAD  
1 : 5



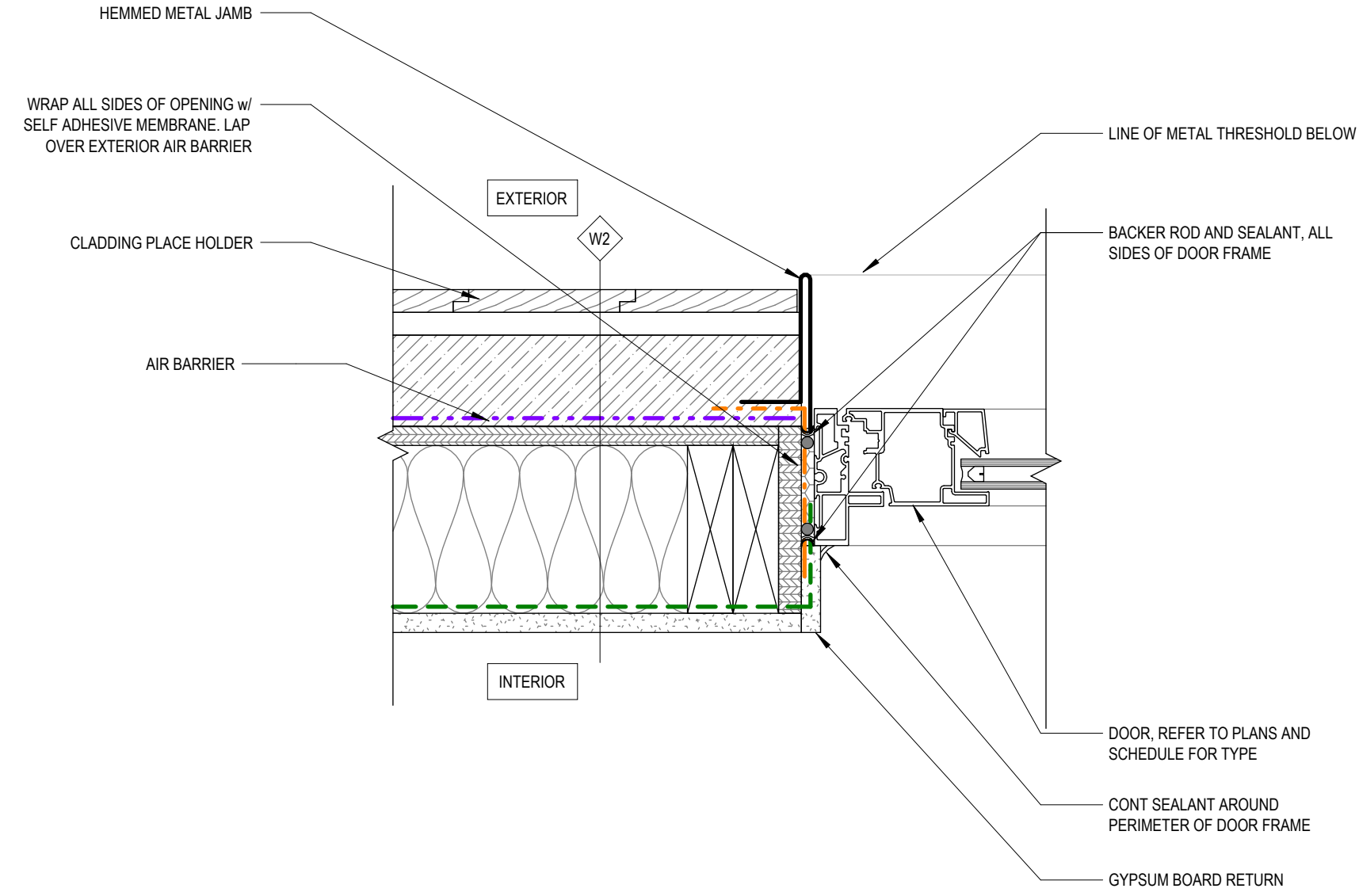
2 SECTION DETAIL - TYP. EXT. DOOR HEAD  
1 : 5



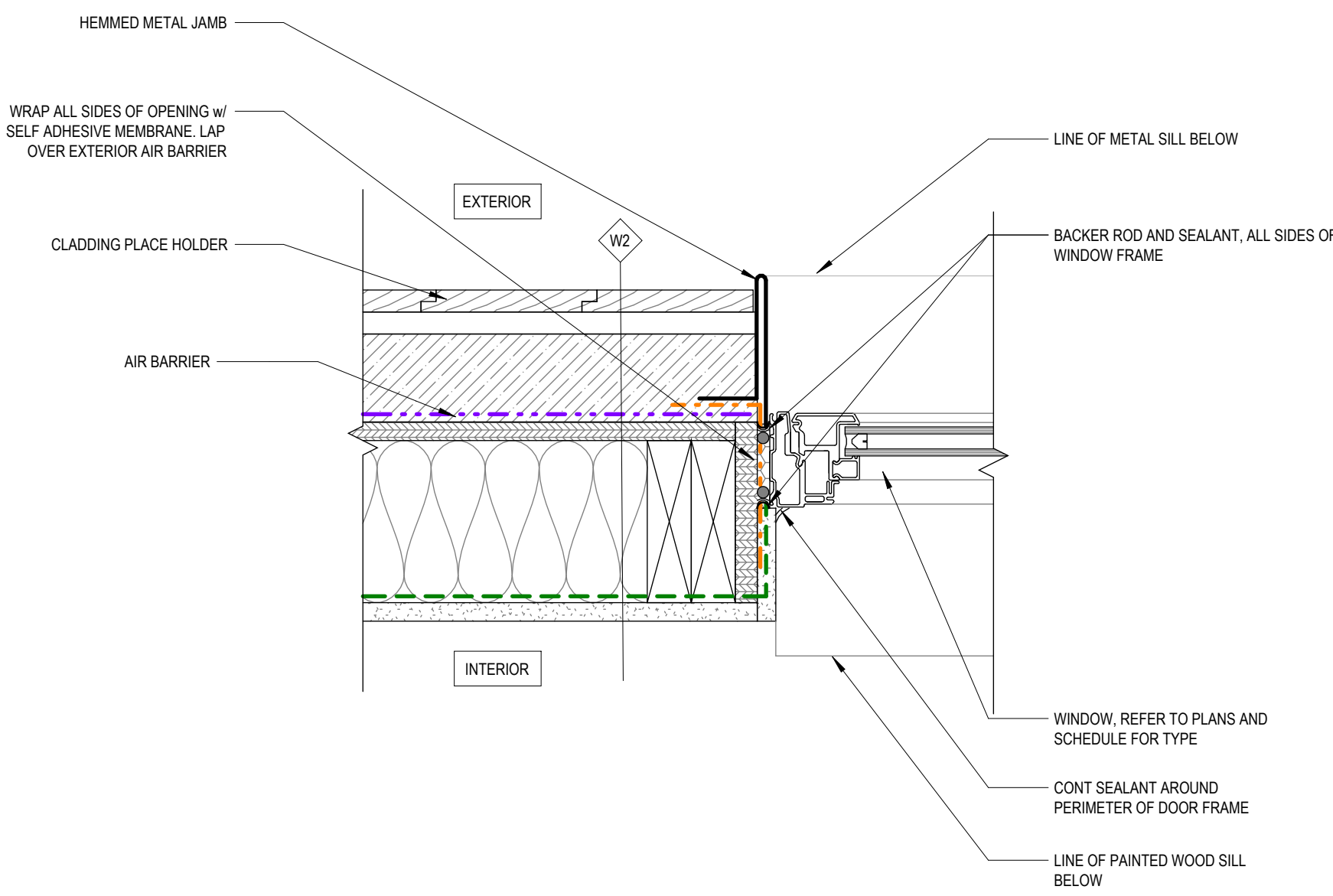
4 SECTION DETAIL - TYP. WINDOW SILL  
1 : 5



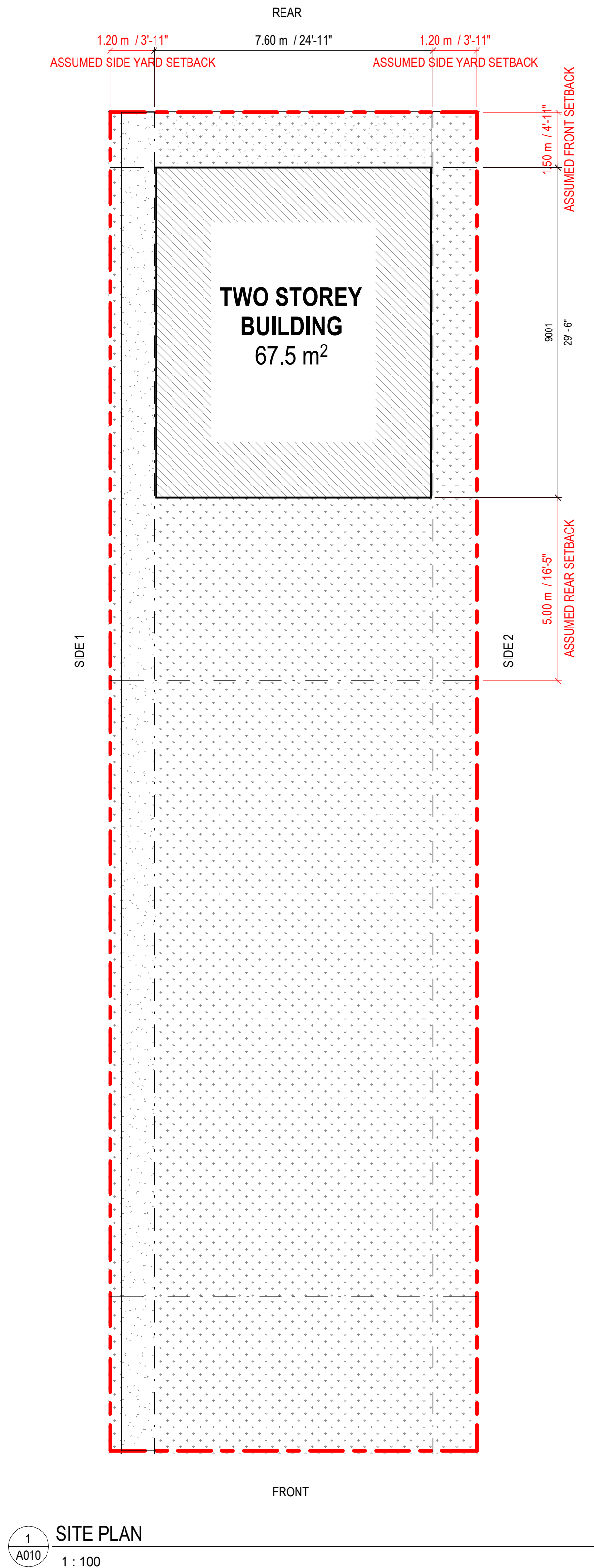
5 SECTION DETAIL - TYP. EXT. DOOR THRESHOLD  
1 : 5



3 PLAN - TYP. EXTERIOR DOOR JAMB  
1 : 5



6 PLAN - TYP. WINDOW JAMB  
1 : 5



| SITE DATA             |                   |
|-----------------------|-------------------|
| ADDRESS               | N/A               |
| LOT & PLAN NO.        | N/A               |
| ZONING                | N/A               |
|                       | EXISTING          |
| LOT AREA              | 365 m²            |
| BUILDING AREA         | 67.5 m²           |
| COVERAGE              | 18.49%            |
| LANDSCAPED OPEN SPACE | 297.5 m²          |
| SOFTSCAPE AREA        | 262.79 m² (72.0%) |
| HARDSCAPE AREA        | 34.68 m² (9.5%)   |
| PARKING SPOTS         | -                 |
|                       | REQUIRED          |
| SETBACKS              |                   |
| FRONT (ALLEY)         | ASSUMED 1.500m    |
| SIDE                  | ASSUMED 1.200m    |
| REAR (FROM PRIMARY)   | ASSUMED 5.000m    |
| SIDE                  | ASSUMED 1.200m    |
| BUILDING DEPTH        | 9.000m            |

| SITE PLAN GENERAL NOTES |                                                                                                              |
|-------------------------|--------------------------------------------------------------------------------------------------------------|
| 1.                      | SITE DESIGN TO CONFORM TO FIREFIGHTING ACCESS REQUIREMENTS AS PER NBC(AE) 9.10.20.3.                         |
| 2.                      | GRADE TO BE SLOPED AWAY FROM BUILDING AS PER NBC(AE) 9.14.6.1                                                |
| 3.                      | DOWNSPOUT TO CONFORM TO NBC(AE) 9.26.18.2                                                                    |
| 4.                      | SITE DESIGN TO CONFORM TO BARRIER FREE REQUIREMENTS AS PER NBC(AE) 3.8.1.1. FOR ACCESS TO BARRIER FREE UNITS |
| 5.                      | ENTRANCE TO BARRIER FREE UNIT TO CONFORM TO NBC(AE) 3.8.1.2. AND NBC(AE) 3.8.3.3.                            |
| 6.                      | EXTERIOR WALKS THAT FORM PART OF A BARRIER-FREE PATH OF TRAVEL TO CONFORM FOR NBC(AE) 3.8.3.2.               |

| SITE LEGEND |                       |
|-------------|-----------------------|
|             | ASSUMED PROPERTY LINE |
|             | SETBACK               |
|             | BUILDING              |
|             | SOFTSCAPE             |
|             | HARDSCAPE             |

| ALBERTA BUILDING CODE DATA MATRIX    |  |                                                                                                          |                              |                    |                                         |                          |                          |                              |                   |          |       |
|--------------------------------------|--|----------------------------------------------------------------------------------------------------------|------------------------------|--------------------|-----------------------------------------|--------------------------|--------------------------|------------------------------|-------------------|----------|-------|
| PART 9 - HOUSING AND SMALL BUILDINGS |  |                                                                                                          |                              |                    |                                         |                          |                          |                              |                   |          |       |
| BUILDING CODE VERSION                |  | NATIONAL BUILDING CODE 2023 ALBERTA EDITION                                                              |                              |                    |                                         | ELEVENTH EDITION 2023    |                          |                              | NBC(AE) REFERENCE |          |       |
| PROJECT TYPE                         |  | NEW CONSTRUCTION<br>RESIDENTIAL OCCUPANCY                                                                |                              |                    |                                         |                          |                          |                              | [A] 1.3.3.3.      |          |       |
| MAJOR OCCUPANCY CLASSIFICATION       |  | GROUP / DIVISION:                                                                                        | DESCRIPTION:                 |                    | USE:                                    |                          | 9.10.2.                  |                              |                   |          |       |
|                                      |  | C                                                                                                        | 2 STOREY 1 DWELLING BUILDING |                    | RESIDENTIAL                             |                          |                          |                              |                   |          |       |
| SUPERIMPOSED MAJOR OCCUPANCIES       |  | NO                                                                                                       |                              |                    |                                         |                          |                          |                              | 9.10.2.3.         |          |       |
| BUILDING AREA (m²)                   |  | DESCRIPTION:                                                                                             |                              |                    |                                         | TOTAL (m²):              |                          | [A] 1.4.1.2.                 |                   |          |       |
|                                      |  | NEW CONSTRUCTION                                                                                         |                              |                    |                                         | 67.50                    |                          |                              |                   |          |       |
| GROSS AREA (m²)                      |  | FLOOR LEVEL:                                                                                             | DESCRIPTION:                 |                    | TOTAL (m²):                             |                          | [A] 1.4.1.2.             |                              |                   |          |       |
|                                      |  | GROUND FLOOR                                                                                             | 0 RESIDENTIAL UNITS          |                    | 67.50                                   |                          |                          |                              |                   |          |       |
|                                      |  | SECOND FLOOR                                                                                             | 1 RESIDENTIAL UNITS          |                    | 60.14                                   |                          |                          |                              |                   |          |       |
|                                      |  | TOTAL (m²):                                                                                              |                              |                    |                                         | 127.64                   |                          |                              |                   |          |       |
| BUILDING HEIGHT                      |  | 2                                                                                                        | STOREYS ABOVE GRADE          |                    | 8.07 m ABOVE AVERAGE GRADE              |                          | [A] 1.4.1.2. AND 9.10.4. |                              |                   |          |       |
|                                      |  | 0                                                                                                        | STOREYS BELOW GRADE          |                    |                                         |                          |                          |                              |                   |          |       |
| *NUMBER OF STREETS                   |  | TBC                                                                                                      |                              |                    |                                         |                          |                          |                              | 9.10.20           |          |       |
| SPRINKLER SYSTEM                     |  | NOT REQUIRED                                                                                             |                              | PROVIDED: N/A      |                                         |                          |                          |                              | 9.10.8.2.         |          |       |
| FIRE ALARM SYSTEM                    |  | NOT REQUIRED                                                                                             |                              | TYPE PROVIDED: N/A |                                         |                          |                          |                              | 9.10.18           |          |       |
| *WATER SUPPLY IS ADEQUATE            |  |                                                                                                          |                              |                    |                                         |                          |                          |                              |                   |          |       |
| CONSTRUCTION TYPE                    |  | PERMITTED:                                                                                               | COMBUSTIBLE                  |                    | CONSTRUCTION: NEW CONSTRUCTION          |                          |                          | 9.10.6                       |                   |          |       |
|                                      |  | PROPOSED:                                                                                                | COMBUSTIBLE                  |                    | SLAB ON GRADE, WOOD FRAMED CONSTRUCTION |                          |                          |                              |                   |          |       |
| POST-DISASTER BUILDING               |  | NO                                                                                                       |                              |                    |                                         |                          |                          |                              | [A] 1.3.3.3.      |          |       |
| OCCUPANT LOAD                        |  | FLOOR LEVEL:                                                                                             | UNIT #                       | OCCUPANCY TYPE:    | BASED ON:                               | OCCUPANT LOAD (PERSONS): |                          | 3.1.17(1)(b) AND 9.9.1.3.(2) |                   |          |       |
|                                      |  | GROUND FLOOR                                                                                             | UNIT 1                       | RESIDENTIAL        | 0 SLEEPING ROOMS                        | 0                        |                          |                              |                   |          |       |
|                                      |  | SECOND FLOOR                                                                                             | UNIT 1                       | RESIDENTIAL        | 1 SLEEPING ROOM                         | 2                        |                          |                              |                   |          |       |
|                                      |  |                                                                                                          |                              |                    |                                         |                          |                          |                              |                   |          |       |
| BARRIER-FREE DESIGN                  |  | REQUIRED                                                                                                 |                              |                    |                                         |                          |                          |                              | 9.5.2.            |          |       |
| HAZARDOUS SUBSTANCES                 |  | NO                                                                                                       |                              |                    |                                         |                          |                          |                              | 9.10.1.3.(4)      |          |       |
| REQUIRED FIRE RESISTANCE RATINGS     |  | HORIZONTAL ASSEMBLY:                                                                                     |                              | RATING:            | SUPPORTING ASSEMBLY:                    |                          | 9.10.8.1.                |                              |                   |          |       |
|                                      |  | FLOORS EXCEPT CRAWLSPACE:                                                                                |                              | N/A                | N/A                                     |                          |                          |                              |                   |          |       |
| *SPATIAL SEPARATION                  |  | WALL:                                                                                                    | EBF AREA (m²):               | LD (m):            | % OPENINGS MAX                          | % PROVIDED               | RATING:                  | CONSTRUCTION TYPE:           | CLADDING TYPE:    | 9.10.15. |       |
|                                      |  | FRONT (NORTH)                                                                                            | 41.7                         | 1.50               | 8%                                      | 7.67%                    | N/A                      | TBC                          | TBC               |          |       |
|                                      |  | REAR (SOUTH)                                                                                             | 50.5                         | 5.00               | 28%                                     | 4.75%                    | N/A                      | TBC                          | TBC               |          |       |
|                                      |  | SIDE 1 (EAST)                                                                                            | 47.4                         | 1.20               | 7%                                      | 2.32%                    | N/A                      | TBC                          | TBC               |          |       |
|                                      |  | SIDE 2 (WEST)                                                                                            | 49.7                         | 1.20               | 7%                                      | 5.84%                    | N/A                      | TBC                          | TBC               |          |       |
| PLUMBING FIXTURE REQUIREMENTS        |  | A KITCHEN SINK, LAVATORY, BATHTUB OR SHOWER SHALL BE PROVIDED FOR EVERY DWELLING UNIT                    |                              |                    |                                         |                          |                          |                              |                   |          | 9.31. |
| NOTES                                |  | Ø1 ALL REFERENCES ARE TO DIVISION B OF THE NATIONAL BUILDING CODE UNLESS PRECEDED BY (A) FOR DIVISION A. |                              |                    |                                         |                          |                          |                              |                   |          |       |



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|   |            |                                |
| 1 | 2025-02-21 | Issued as Prototypical Drawing |

| NO. | DATE | DESCRIPTION |
|-----|------|-------------|
|-----|------|-------------|

PROJECT:  
CMHC HOUSING CATALOGUE

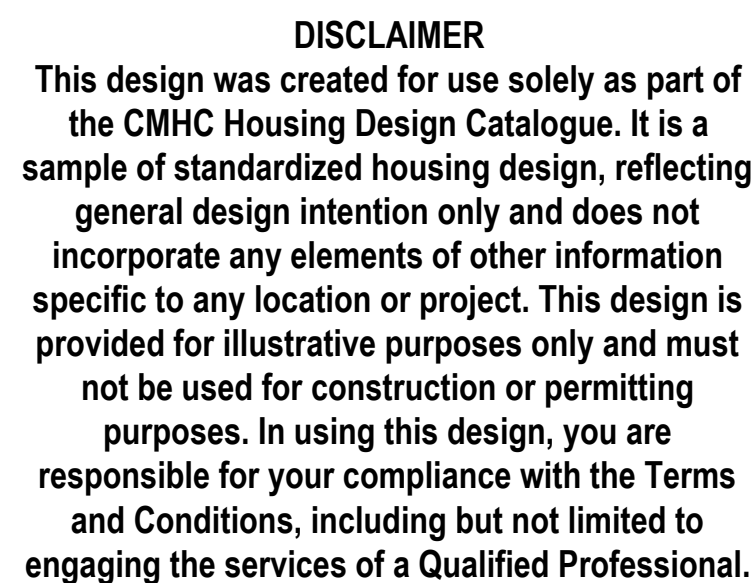
ALBERTA, CANADA  
**NOT FOR PERMIT OR CONSTRUCTION**

SHEET TITLE:  
**SITE PLAN & CODE MATRIX**

AB Accessory Dwelling Unit 02

PROJECT NO: 241058  
SCALE: As indicated

SHEET NO:  
**A010**



| FIRE AND SMOKE SEPARATION LEGEND                                                    |               |
|-------------------------------------------------------------------------------------|---------------|
|  | 0 HOUR F.R.R. |
|  | 1 HOUR F.R.R. |

[illegible]

ALBERTA, CANADA

SHEET TITLE:

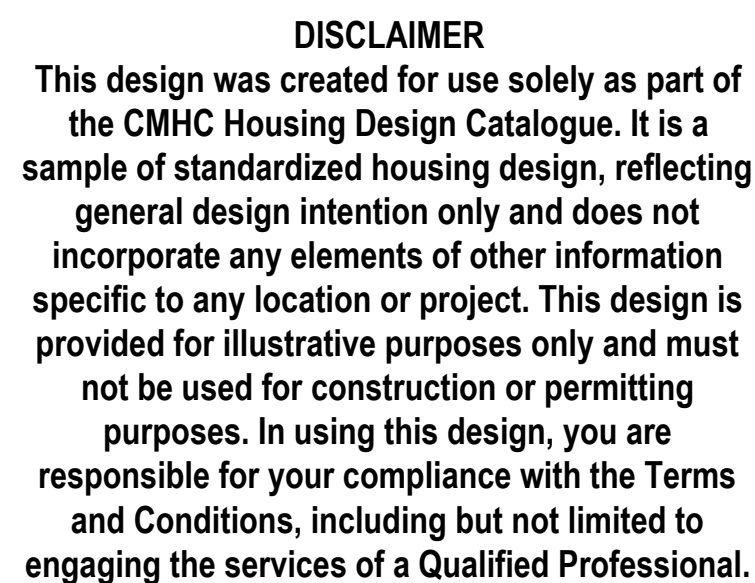
MAIN FLOOR PLAN

AB Accessory Dwelling Unit 02

PROJECT NO: 241058  
SCALE: 1 : 50

SHEET NO:

# A101



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## SECOND FLOOR PLAN

1 : 50

1. ALL DIMENSIONS ARE TAKEN TO THE FINISH FACE OF THE INTERIOR PARTITIONS AND EXTERIOR WALLS, UNLESS NOTED OTHERWISE.
2. ALL DIMENSIONS AT EXTERIOR WINDOWS AND DOORS ARE TAKEN TO THE OUTSIDE EDGE OF THE FRAME, UNLESS NOTED OTHERWISE.
3. LOCATE ROUGH OPENINGS OF INTERIOR DOORS 100mm FROM INSIDE FACE IF INTERSECTING PARTITION, UNLESS NOTED OTHERWISE.
4. CLOSET DOORS TO BE CENTERED ALONG INTERIOR CLOSET WIDTH, UNLESS NOTED OTHERWISE.
5. ALL DROPPED CEILINGS AND BULKHEADS FOR MECHANICAL TO PROVIDE MIN 2100mm CLEAR BELOW.
6. MIN CEILING HEIGHTS AS PER ABC TABLE 9.5.3.1  
BATHROOMS & HALLWAYS=2100mm  
BEDROOM = 2100mm  
LIVING/DINING/KITCHEN = 2100mm
7. REFER TO LANDSCAPE DOCUMENTS FOR EXTERIOR HARDSCAPE AND PLANTING ELEMENTS, AND PAVING TERMINATION DETAILS ADJACENT TO THE BUILDING.

|                                                                                     |               |
|-------------------------------------------------------------------------------------|---------------|
|  | 0 HOUR F.R.R. |
|  | 1 HOUR F.R.R. |

| FLOOR PLAN LEGEND |                      |
|-------------------|----------------------|
|                   | FLOOR MOUNTED TOILET |
|                   | PRE-FAB TUB          |
|                   | KITCHEN SINK         |
|                   | WASHROOM SINK        |
|                   | WASHER               |
|                   | DRYER                |
|                   | DOMESTIC HOT WATER   |
|                   | AIR HANDLER          |
|                   | RANGE, TYPICAL       |
|                   | REFRIGERATOR         |
|                   | CLOSET COAT ROD      |

[illegible]

PROJECT:  
CMHC HOUSING  
CATALOGUE

ALBERTA, CANADA

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SHEET TITLE:

SECOND FLOOR PLAN

AB Accessory Dwelling Unit 02

PROJECT NO: 241058  
SCALE: 1 : 50

SHEET NO.

# A102

1. ALL ROOFING TYPES TO COMPLY WITH REQUIRED MINIMUM SLOPES AS PER ABC(AE) 9.26.3 AND MANUFACTURER REQUIREMENTS FOR SPECIFIED ROOFING TYPES

2. ALL ROOFS, GUTTERS AND TROUGHS HAVE POSITIVE SLOPE TO DRAIN
3. ROOF VENTING TO COMPLY WITH 9.19.1.2



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[illegible]

| NO. | DATE | DESCRIPTION |
|-----|------|-------------|
|-----|------|-------------|

PROJECT:

CMHC HOUSING  
CATALOGUE

ALBERTA, CANADA

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OR CONSTRUCTION

SHEET TITLE:

## ROOF PLAN

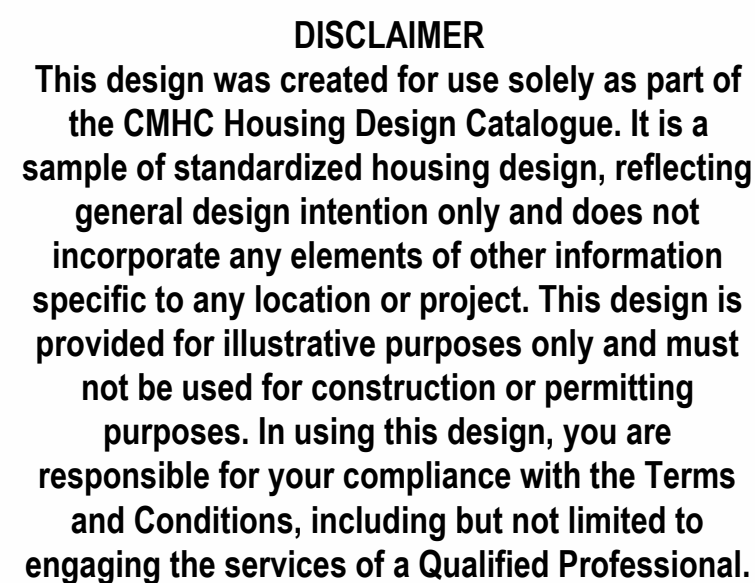
AB Accessory Dwelling Unit 02

PROJECT NO: 241058

SCALE: 1 : 50

SHEET NO:

A104



**NOTE:** CLADDING FINISHES WITHIN 200MM OF GRADE ARE TO BE MOISTURE RESISTANT



|   |            |                                |
|---|------------|--------------------------------|
| 1 | 2025-02-21 | Issued as Prototypical Drawing |
|---|------------|--------------------------------|

PROJECT:  
CMHC HOUSING  
CATALOGUE

ALBERTA, CANADA

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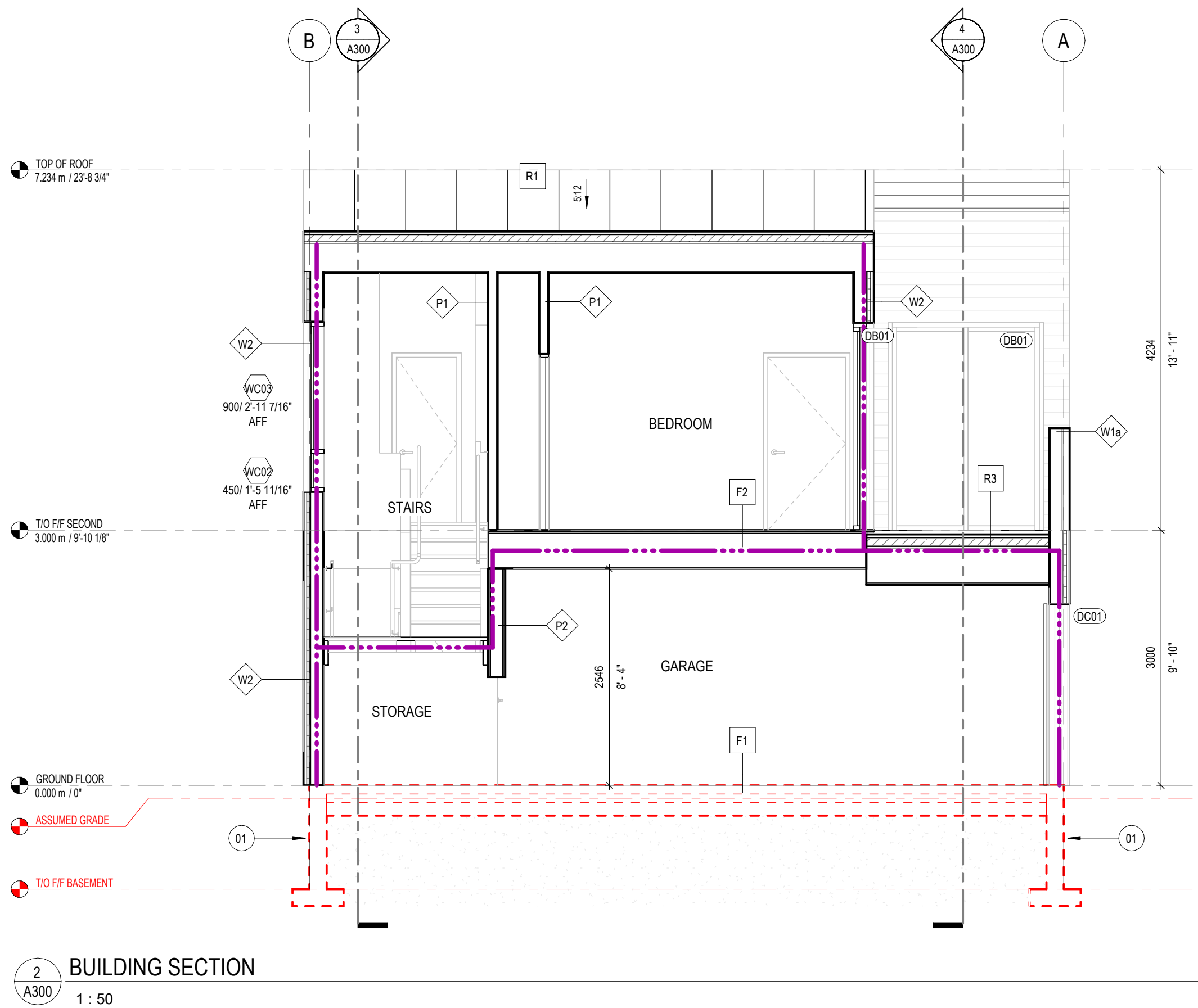
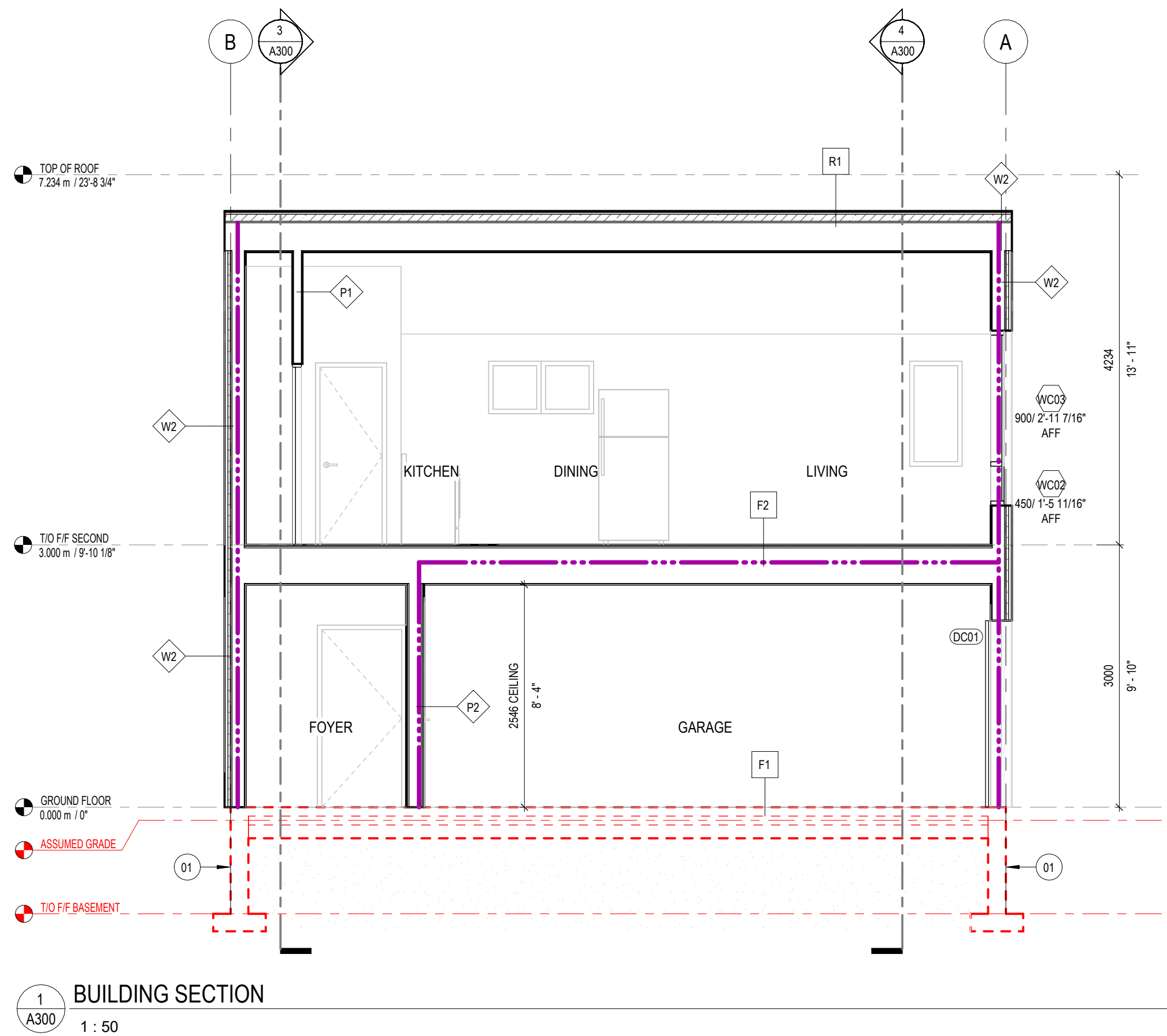
SHEET TITLE:  
ELEVATIONS

AB Accessory Dwelling Unit 02

PROJECT NO: 241058  
SCALE: 1 : 50

SHEET NO.

# A200

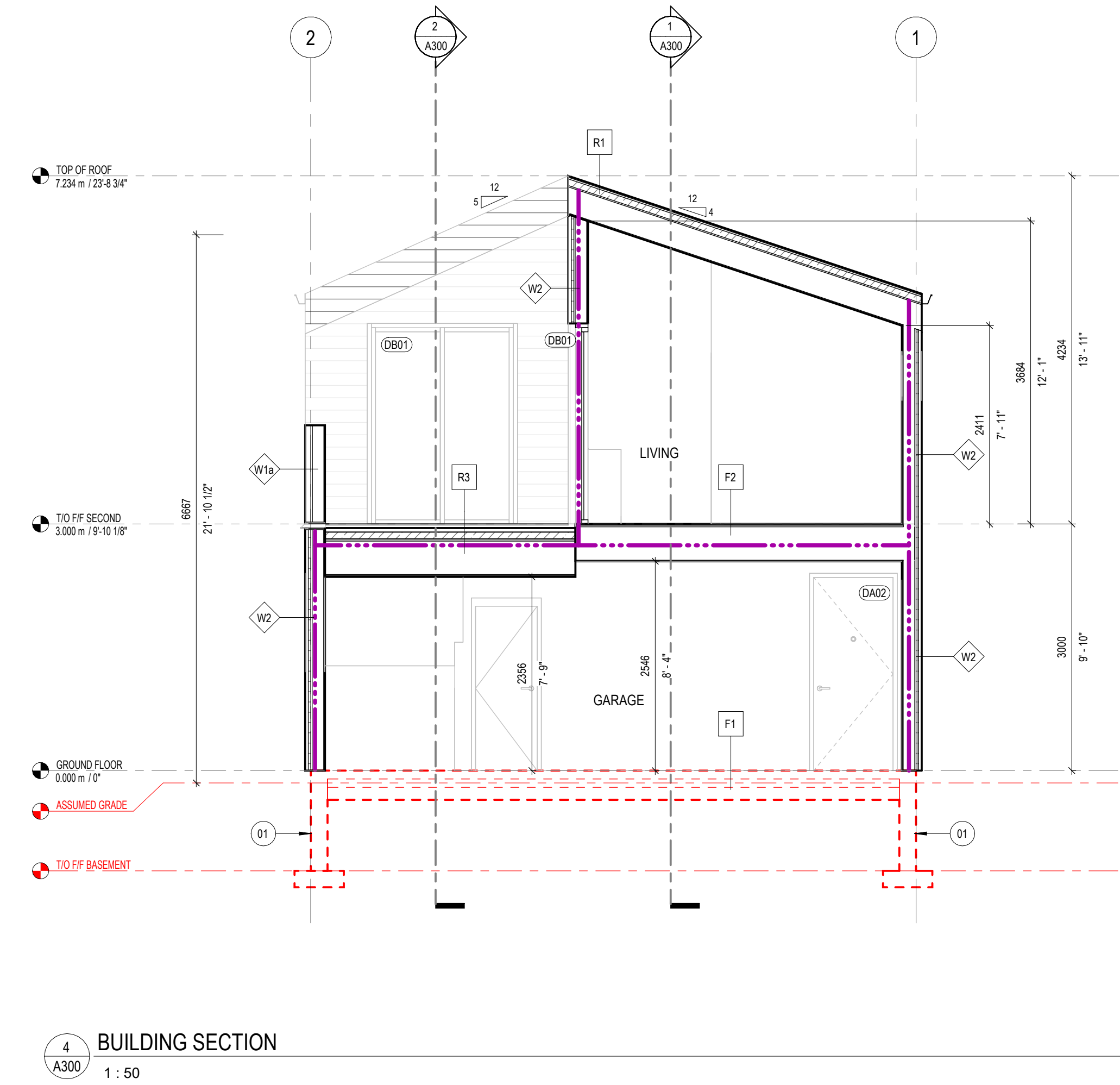
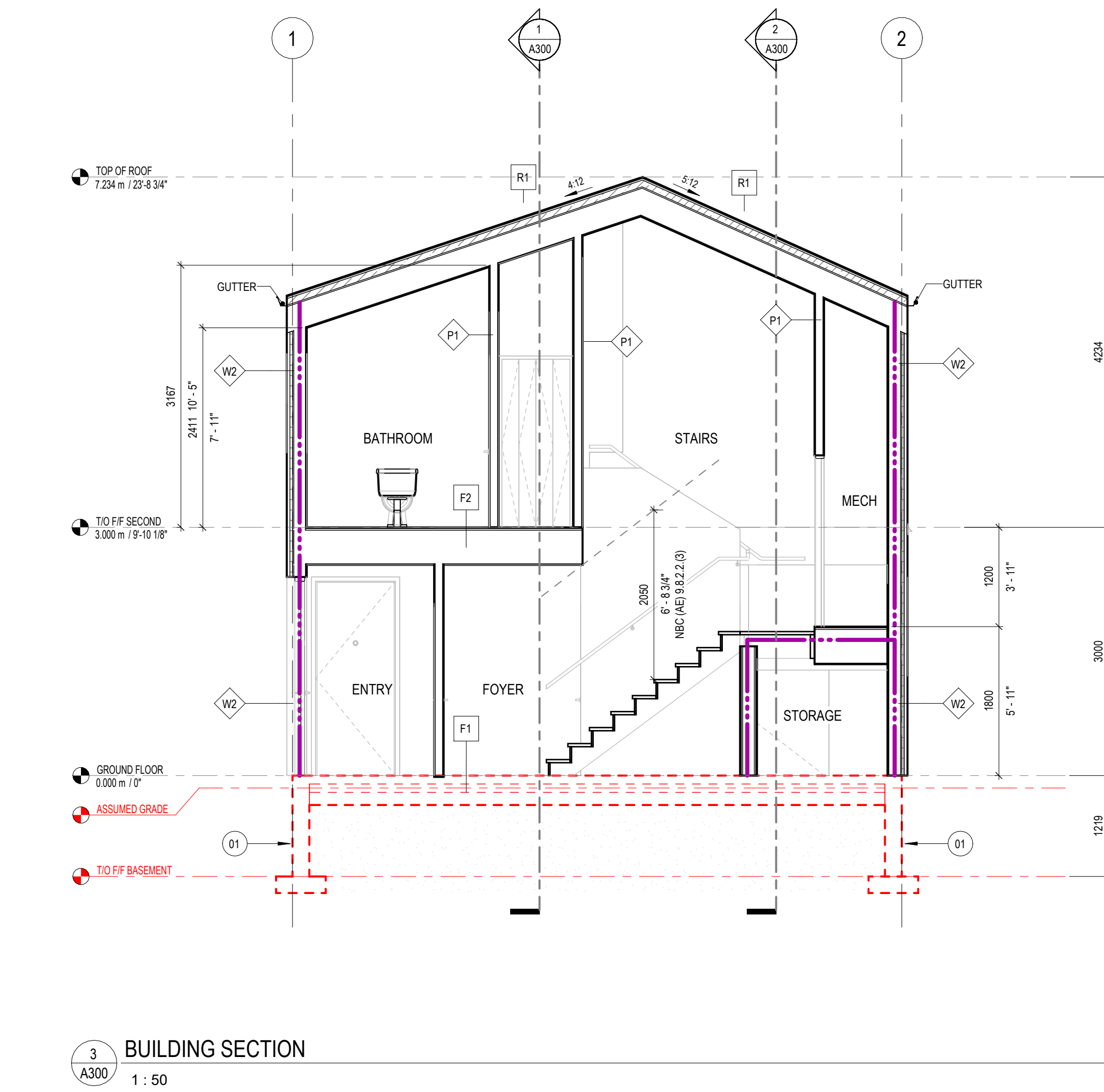


| SECTION KEYNOTES |                                                    |
|------------------|----------------------------------------------------|
| 01               | FOUNDATIONS: ASSUMED, REFER TO STRUCTURAL DRAWINGS |

| FIRE SEPARATION LEGEND                  |     |
|-----------------------------------------|-----|
| <span style="color: green;">---</span>  | 0HR |
| <span style="color: purple;">---</span> | 1HR |



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| 1   | 2025-02-21 | Issued as Prototypical Drawing |
|-----|------------|--------------------------------|
| NO. | DATE       | DESCRIPTION                    |

**PROJECT:**  
CMHC HOUSING CATALOGUE

ALBERTA, CANADA

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**SHEET TITLE:**  
SECTIONS

AB Accessory Dwelling Unit 02

**PROJECT NO:** 241058  
**SCALE:** 1 : 50

**SHEET NO:**  
**A300**

# CMHC HOUSING DESIGN CATALOGUE

## ACCESSORY DWELLING UNIT 02

### STRUCTURAL DRAWINGS

| STRUCTURAL DRAWING LIST |                             |
|-------------------------|-----------------------------|
| DWG. No.                | DRAWING NAME                |
| S000                    | COVER SHEET                 |
| S101                    | TYPICAL NOTES               |
| S102                    | TYPICAL DETAILS             |
| S103                    | TYPICAL DETAILS             |
| S104                    | TYPICAL DETAILS             |
| S105                    | STRUCTURAL SPECIFICATIONS   |
| S201                    | FOUNDATION PLAN             |
| S301                    | FRAMING PLANS               |
| S302                    | BUILDING SECTIONS           |
| S401                    | TYPICAL FOUNDATION SECTIONS |
| S501                    | TYPICAL FLOOR SECTIONS      |
| S601                    | TYPICAL ROOF SECTIONS       |

| STRUCTURAL ABBREVIATIONS |                         |
|--------------------------|-------------------------|
| A.B.                     | ANCHOR BOLT             |
| ALT.                     | ALTERNATE               |
| ANCH.S.                  | ANCHORS                 |
| APPROX.                  | APPROXIMATELY           |
| ARCH.                    | ARCHITECTURAL           |
| B.PL.                    | BASE PLATE              |
| BLK.                     | BLOCK                   |
| BM.                      | BEAM                    |
| BOT.                     | BOTTOM                  |
| BT.PL.                   | BENT PLATE              |
| C.W.                     | COMPLETE WITH           |
| C.                       | CONTROL JOINT           |
| CL.                      | CENTER LINE             |
| COL.                     | COLUMN                  |
| CONC.                    | CONCRETE                |
| CONN.                    | CONNECTION              |
| CONT.                    | CONTINUOUS              |
| DETAL.                   | DETAIL                  |
| DIA. OR Ø                | DIAMETER                |
| DM.                      | DIMENSION               |
| DJ                       | DOUBLE JOIST            |
| DO                       | DITTO                   |
| DP.                      | DEEP                    |
| DWG.                     | DRAWING                 |
| E.F.                     | EACH FACE               |
| ELEC.                    | ELECTRICAL              |
| E.S.                     | EACH SIDE               |
| E.W.                     | EACH WAY                |
| EA                       | EACH                    |
| ELEV.                    | ELEVATION               |
| EQ.                      | EQUAL                   |
| EXST.                    | EXISTING                |
| F.F.                     | FINISHED FLOOR          |
| FDN.                     | FOUNDATION              |
| ft.                      | FOOT                    |
| FT.G.                    | FOOTING                 |
| Ga.                      | GAUGE                   |
| GB.                      | GRADE BEAM              |
| GALV.                    | GALVANIZED              |
| GRD.                     | GRADE                   |
| HORZ.                    | HORIZONTAL              |
| H.D.                     | HEAVY DUTY              |
| H.D.G.                   | HOT DIPPEED GALVANIZED  |
| H.P.                     | HIGH POINT              |
| HT.                      | HEIGHT                  |
| in.                      | INCH                    |
| I.D.                     | INSIDE DIAMETER         |
| kn.                      | KILONEWTON              |
| KPa.                     | KILOPASCAL              |
|                          | ANGLE                   |
| LG.                      | LONG                    |
| LP.                      | LOW POINT               |
| LSL                      | LAMINATED STRAND LUMBER |
| LVL                      | LAMINATED VENEER LUMBER |
| MAX.                     | MAXIMUM                 |
| MCH.                     | MECHANICAL              |
| MD.                      | MIDDLE                  |
| MIN.                     | MINIMUM                 |
| MISC.                    | MISCELLANEOUS           |
| m                        | METRE                   |
| mm                       | MILLIMETRE              |
| Mpa                      | MEGAPASCAL              |
| N.T.S.                   | NOT TO SCALE            |
| No.                      | NUMBER                  |
| O.C.                     | ON CENTER               |
| O.D.                     | OUTSIDE DIAMETER        |
| PL.                      | PLATE                   |
| psf.                     | POUNDS PER SQUARE FOOT  |
| psi.                     | POUNDS PER SQUARE INCH  |
| PSL                      | PARALLEL STRAND LUMBER  |
| R.C.                     | REINFORCED CONCRETE     |
| R.D.                     | ROOF DRAIN              |
| R.O.                     | ROUGH OPENING           |
| REF.                     | REFERENCE               |
| REINF.                   | REINFORCED              |
| REQD.                    | REQUIRED                |
| RTU                      | ROOF TOP UNIT           |
| SECT.                    | SECTION                 |
| S.O.G.                   | SLAB ON GRADE           |
| S.S.                     | STAINLESS STEEL         |
| STL.                     | STEEL                   |
| STRUCT.                  | STRUCTURAL              |
| T.B.B.                   | TOP AND BOTTOM          |
| T.O.                     | TOP OF                  |
| TYP.                     | TYPICAL                 |
| U.N.O.                   | UNLESS NOTED OTHERWISE  |
| US.                      | UNDERSIDE               |
| VERT.                    | VERTICAL                |
| W.                       | CONNECTION WITH         |
| W.P.                     | WORKING POINT           |
| W.W.M.                   | WELDED WIRE MESH        |
| Ø                        | SPACED AT               |



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[illegible]

| NO. | DATE | DESCRIPTION |
|-----|------|-------------|
|-----|------|-------------|

PROJECT:  
CMHC HOUSING  
CATALOGUE

ALBERTA, CANADA

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**SHEET TITLE:**

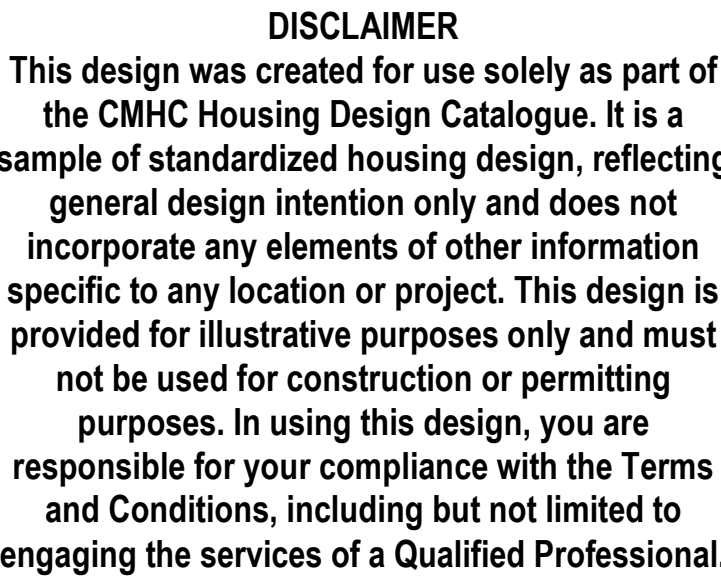
COVER SHEET

AB Accessory Dwelling Unit 02

PROJECT NO: 02500462  
SCALE: 1 : 20

SHEET NO:

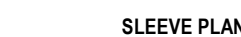
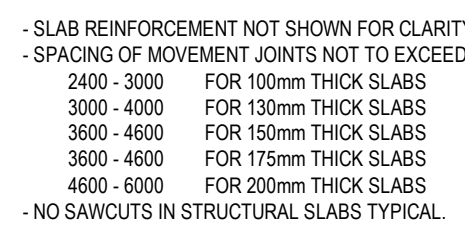
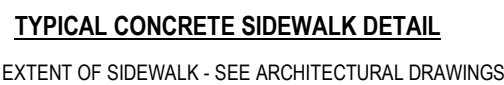
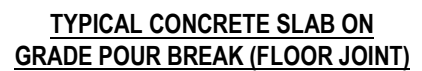
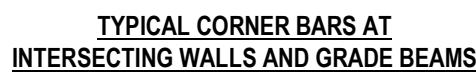
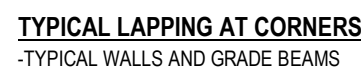
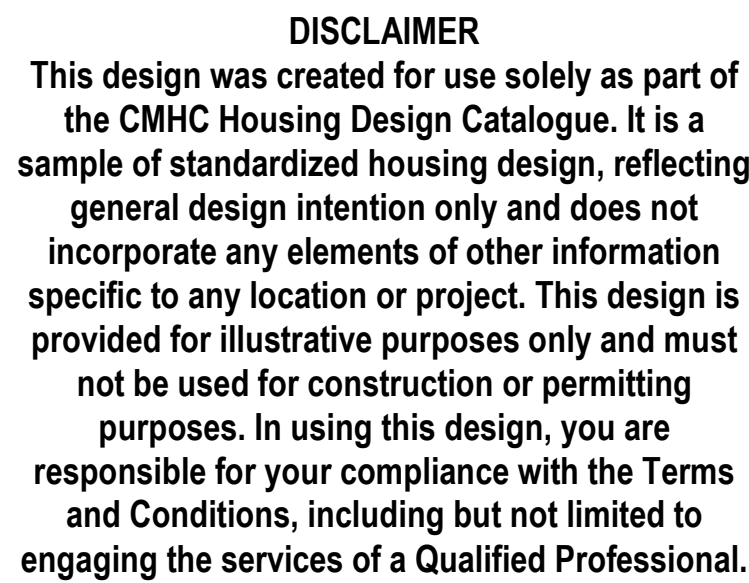
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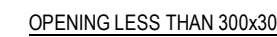
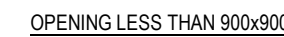
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# S101



- SPACING OF SLEEVES THROUGH FLAT SLABS AND WALLS TO BE NO LESS THAN INDICATED ABOVE.
- MAX. SLEEVE DIAMETER 100mm
- MAINTAIN CLEAR DISTANCE OF 600mm MIN. FROM FACE OF COLUMNS



- TYPICAL RADON PIT DETAIL**
1. COORDINATE LOCATION TO AVOID HIGHLY LOADED AREAS (EG. RACKING, HIGH TRAFFIC ZONES, POINT LOADS)
  2. SEE ARCH. DWGS. FOR NUMBER, EXTENT AND LOCATIONS OF PITS

| NO. | DATE | DESCRIPTION |
|-----|------|-------------|
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ALBERTA, CANADA

AB Accessory Dwelling Unit 02

PROJECT NO: 02500462  
SCALE: 1:20

SHEET NO:

S102



1. ADDITIONAL SQUASH BLOCKS MAY BE REQUIRED AS PER TRUSS JOIST MANUFACTURER'S RECOMMENDATIONS

ADDITIONAL SHEAR KEYS MAY BE REQUIRED AS PER TRUSS  
SUPPLIERS MANUFACTURER'S RECOMMENDATIONS



NOTE:  
IF THE STRUCTURAL SHEATHING IS PLACED VERTICALLY,  
PROVIDE WALL BLOCKING AS SHOWN IN WALL SCHEDULE.

1. ALL NAILS TO BE COMMON WIRE NAILS BY LENGTH AND SPACING NOTED.  
WHERE NAILS ARE SPACED 50mm ON CENTER, STUDS AND BLOCKING AT ADJOINING PLANE EDGES TO BE DOUBLED AND NAILLED TOGETHER WITH 2-10 NAILS @ 150mm ON CTR. NAILS AT PLANE EDGES TO BE STAGGERED.
2. SHEAR WALLS TO BE INSTALLED AT 600mm ON CTR. WITH 15mm MIN. THICK REINFORCING.
3. SHEAR WALL BOTTOM PLATES TO BE CONNECTED TO NAILING WITH 16mm H11 KWIN BOLT 1 C ANCHORS @ 600mm ON CTR. 100mm EMBED. ANCHORS TO BE INSTALLED MIN. 89mm FROM FACE TO CONCRETE.
4. WALL SHEATHING PLATES TO BE STAGGERED AND PLACED HORIZONTALLY. PROVIDE BLOCKING AT ALL JOINTS.
5. FLOOR ROOF SHEATHING TO BE INSTALLED WITH STRONG AXIS AT RIGHT ANGLES TO JOISTS/TRUSSES.
6. FLOOR ROOF SHEATHING TO BE CONTINUOUS ABOVE PARTY WALLS (SHEATHING CANNOT BE CUT FOR IMPROVED ACOUSTICS).
7. NAILS TO BE SPACED NOT LESS THAN 9.5mm FROM FRAMING EDGES AND SHALL NOT BE OVERDRIVEN.
8. A MINIMUM 3mm GAP TO BE LEFT BETWEEN ADJACENT WALL AND FLOOR ROOF SHEATHING PLATES.
9. FOR LOAD-BEARING WALLS IT DOES NOT SHEAR WALLS, WALL TO-FLOOR CONNECTION DETAILS TO MATCH 6TH FLOOR BEARING WALL FOR ALL FLOORS.
10. REINBARD THICKNESS INDICATED IN SHEAR WALL SCHEDULES ARE MIN. REQUIRED AND APPLY TO SHEAR WALLS ONLY. AT OTHER LOCATIONS MIN. REINBARD THICKNESS CAN BE REDUCED AS PER FLOOR SUPPLIER'S SHOP DRAWINGS BUT CANNOT BE LESS THAN 32mm.



1. REFER TO SHEARWALL SCHEDULE ON DWG. SX.X FOR ADDITIONAL NAILING REQUIREMENTS AT SHEARWALL LOCATIONS

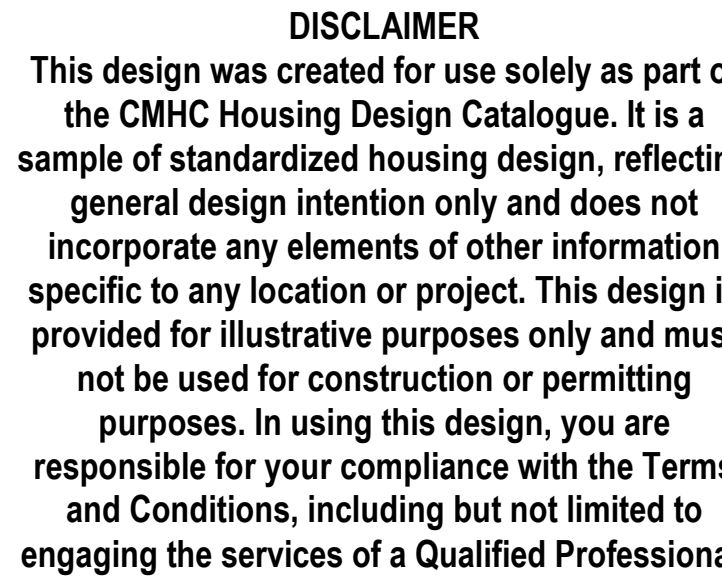
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ALBERTA, CANADA

AB Accessory Dwelling Unit 02

**SHEET NO:**





**FOUNDATION PLAN NOTES (PILES)**

- IMPORTANT NOTE:**  
CONTROL JOINTS ARE NOT TO BE PLACED IN STRUCTURAL SLABS

### SUBGRADE / SUB-BASE PREPARATION FOR GRADE SUPPORTED FLOOR SLABS

1. THE CONTRACTOR SHALL REVIEW AND FOLLOW THE RECOMMENDATIONS PROVIDED IN THE GEOTECHNICAL REPORT FOR PREPARATION / PROTECTION OF SUBGRADE / SUB-BASE. PREPARATION OF THE SUB-GRADE / SUB-BASE AND NEW FILL REQUIREMENTS SHALL BE REVIEWED AND APPROVED BY A GEOTECHNICAL ENGINEER WITHIN 24 HOURS PRIOR TO POURING CONCRETE.
2. REMOVE ALL ORGANIC TOPSOIL, FILL AND OTHER DELETERIOUS MATERIAL FROM THE BUILDING SLAB AREA. DEPTHS OF TOP SOIL AND FILL MAY VARY THROUGHOUT THE SITE GEOTECHNICAL ENGINEER TO REVIEW AND ADVISE.
3. FOLLOWING THE SUBCUTTING OF THE ORGANIC TOPSOIL AND FILL LAYERS, THE GRADE SHALL BE COMPACTED AND ANY SOFT SOILS BE IDENTIFIED AND LOU PROOFED PRIOR TO PLACEMENT OF THE NEW BACKFILL. GEOTECHNICAL ENGINEER TO ADVISE CONTRACTOR ACCORDINGLY.
4. NEW ENGINEERED FILL SHALL BE COMPACTED AS PER THE GEOTECHNICAL REPORT. FILL MATERIAL SHALL BE APPROVED BY A GEOTECHNICAL ENGINEER.
5. PROVIDE 15m POLYETHYLENE VAPOUR BARRIER WITH TAPED JOINTS TO THE UNDERSIDE OF SLAB ON GRADE. LAP ALL JOINTS 200mm (8") MIN.
6. PROTECT SUBGRADE FROM WEATHER ELEMENTS BEFORE, DURING AND AFTER SLAB ON GRADE IS POURED. PROVIDE ADEQUATE PROTECTION TO MAINTAIN SUBGRADE TEMPERATURE ABOVE 5°C.
7. SEE GEOTECHNICAL REPORT FOR ADDITIONAL INFORMATION.

PROJECT:

CMHC HOUSING  
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ALBERTA, CANADA

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SHEET TITLE:  
FOUNDATION PLAN

AB Accessory Dwelling Unit 02

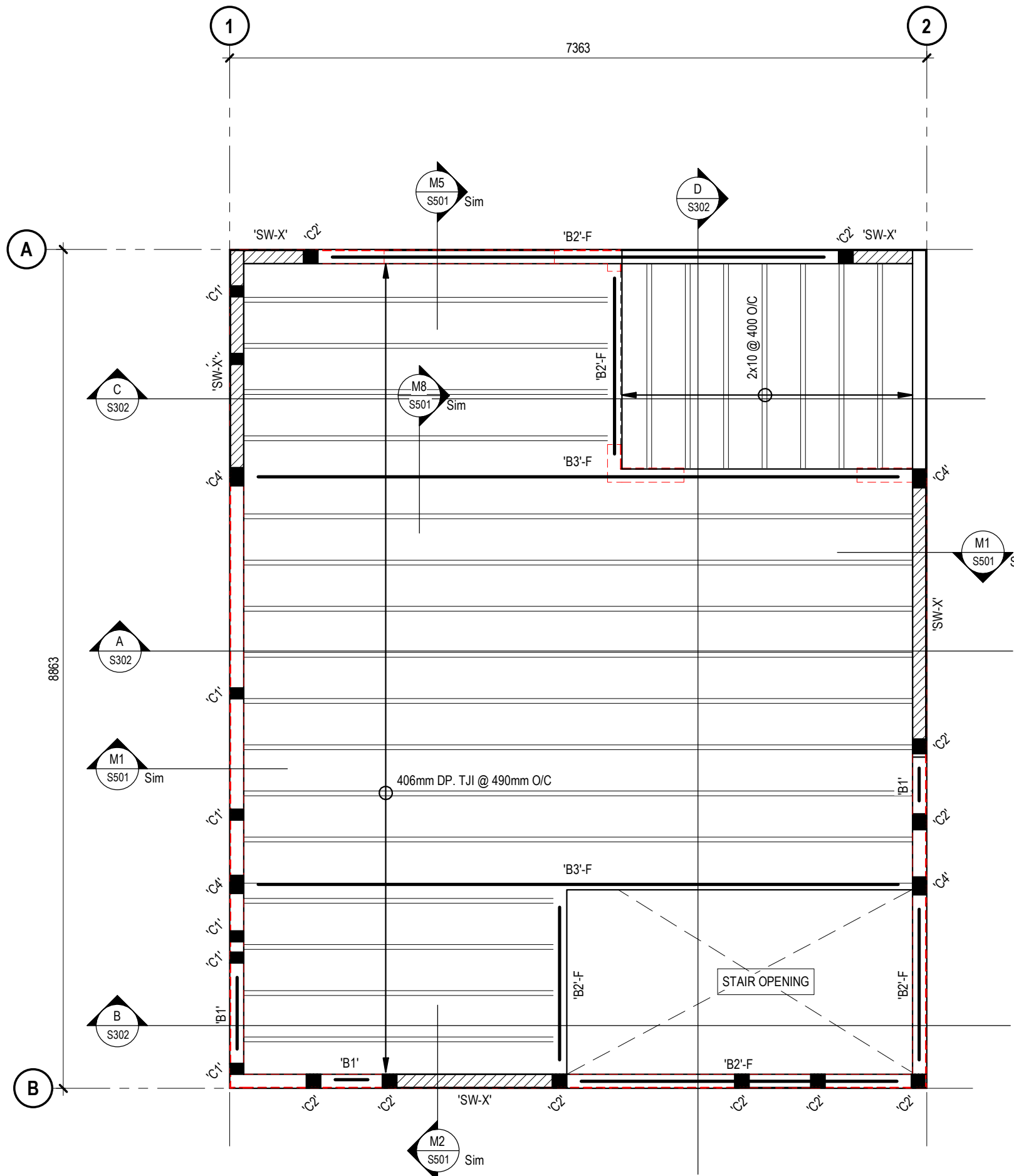
PROJECT NO: 02500462  
SCALE: As indicated

**SHEET NO:**

# S201

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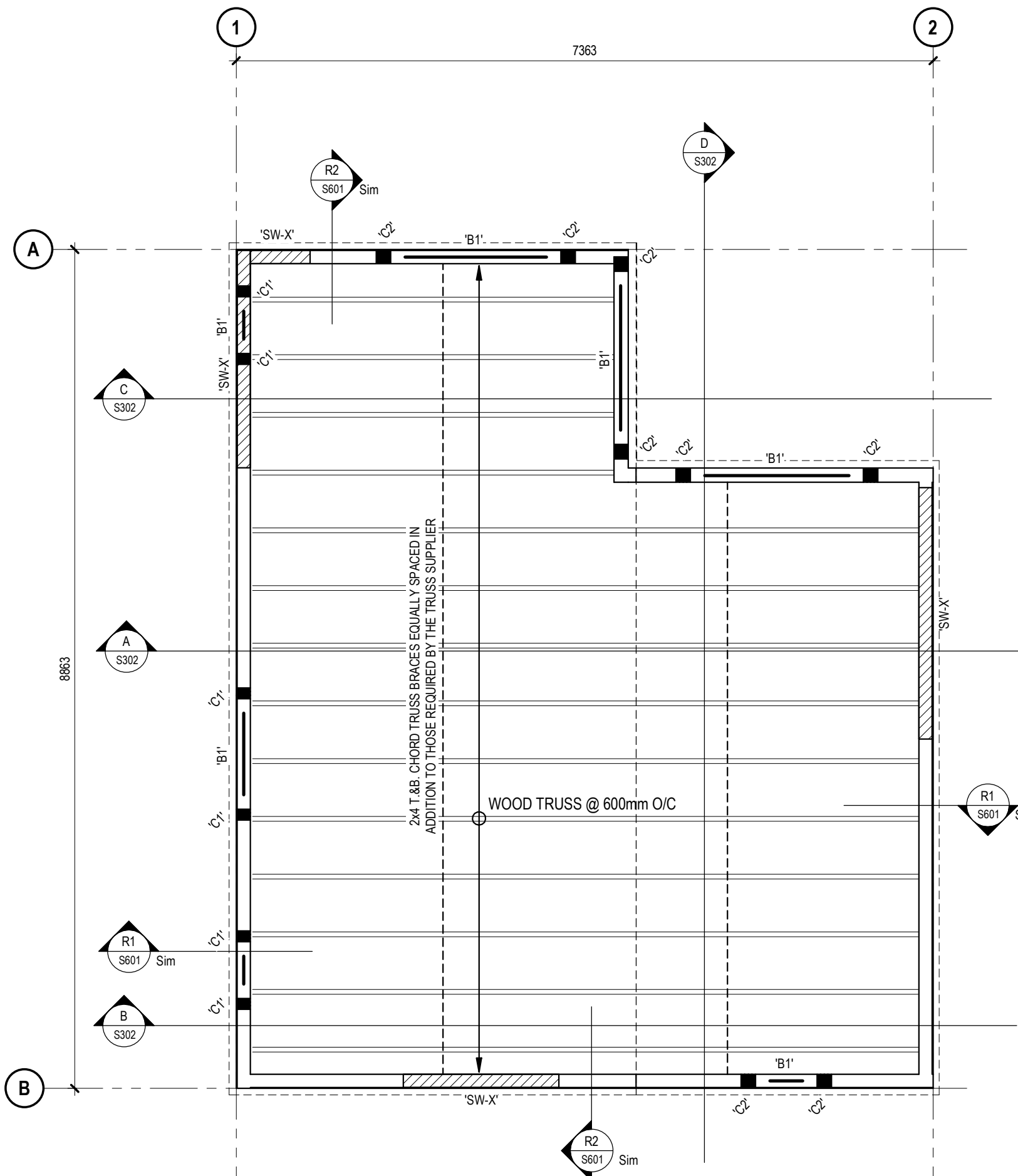


2ND FLOOR FRAMING PLAN

1 : 50

WOOD FLOOR FRAMING PLAN NOTES

- SEE ARCH. DWGS. FOR T/O FLOOR ELEVATION.
- SEE DRAWINGS S100 SERIES FOR TYPICAL NOTES, DETAILS & SPECIFICATIONS.
- TYPICAL FLOOR TO CONSIST OF 19mm T. & G. OSB SHEATHING OVER 406mm DP. TJI @ 490mm O/C FOR JOIST SERIES AND LAYOUT, SEE SUPPLIER'S SHOP DRAWINGS. TJI SPACING NOT TO EXCEED 490mm O/C. DECREASE SPACING IF REQUIRED UPON ENGINEER'S WRITTEN APPROVAL.
- VERIFY ALL DIMENSIONS ON-SITE PRIOR TO JOIST FABRICATION.
- FLOOR JOISTS SHALL BE DESIGNED AND SUPPLIED BY THE JOIST SUPPLIER FOR THE LOADS STATED IN THE GENERAL NOTES UNDER 'DESIGN LOADS'.
- FOR FRAMING AROUND FLOOR OPENINGS SEE TYPICAL DETAILS.
- ALL BEAMS TO BE FLUSH BEAMS EXCEPT DOORWAY AND WINDOW HEADERS.
- FOR STAIRCASE FRAMING SEE ARCHITECTURAL DRAWINGS.
- UNLESS NOTED OTHERWISE IN WALL TYPE SCHEDULE, PROVIDE MID-HEIGHT BLOCKING IN ALL LOAD BEARING WALLS.
- JOISTS RUNNING PARALLEL TO EXTERIOR WALLS TO HAVE TJI BLOCKING INSTALLED AT 800mm O/C. TYP. UNLESS WALLS ARE BALLON FRAMED, NOT SHOWN ON PLAN FOR CLARITY, SEE FLOOR SECTIONS.
- CONTRACTOR TO COORDINATE ALL FLOOR JOIST LOCATIONS TO AVOID CONFLICT WITH PLUMBING FIXTURE DROPS AND PLUMBING RISER LOCATIONS.
- UPON COMPLETION OF JOIST INSTALLATION THE ENGINEER RESPONSIBLE FOR THE DESIGN OF THE JOISTS SHALL REVIEW THE INSTALLATION ON SITE AND CONFIRM IN WRITING THAT THEY MEET THE DESIGN PARAMETERS. REPORTS MUST BE SIGNED AND SEALED BY A PROFESSIONAL ENGINEER REGISTERED IN THE PROVINCE OF ALBERTA.
- WOOD JOIST TO WALL, WOOD JOIST TO JOIST CONNECTIONS TO BE DESIGNED AND SUPPLIED BY THE JOIST SUPPLIER TYP.
- ADD DOUBLE JOISTS UNDER ALL POINT LOADS AT CANTILEVER LOCATIONS TYP., NOT SHOWN ON PLAN FOR CLARITY.
- ALL COLUMNS TO BE COUPLED WITH SOLID BLOCKING THROUGH A FLOOR SYSTEM, SUCH BLOCKING TO BE OF THE SAME SIZE AS THE COLUMN ABOVE. REFER TO TYP. DETAILS.
- WALLS SHOWN ON PLAN AS THUS: REPRESENT SHEAR WALLS.



ROOF FRAMING PLAN

1 : 50

ROOF PLAN NOTES:

- SEE ARCH. DWGS. FOR ROOF ELEVATIONS AND ROOF SLOPES.
- SLOPED ROOF FRAMING TO CONSIST OF 11mm OSB SHEATHING WITH H-CLIPS OVER WOOD TRUSSES UNLESS NOTED OTHERWISE ON PLAN. TRUSS SPACING NOT TO EXCEED 600mm O/C. DECREASE SPACING IF REQUIRED UPON ENGINEER'S WRITTEN APPROVAL.
- SEE DRAWINGS S100 SERIES FOR TYPICAL NOTES, DETAILS & SPECIFICATIONS.
- VERIFY ALL DIMENSIONS ON SITE PRIOR TO TRUSS FABRICATION.
- ROOF TRUSSES AND ALL MISCELLANEOUS ROOF FRAMING SHALL BE DESIGNED AND SUPPLIED BY THE TRUSS SUPPLIER FOR THE LOADS STATED IN THE GENERAL NOTES UNDER 'DESIGN LOADS'.
- SUPERSTRUCTURE HAS BEEN DESIGNED BASED ON THE ABOVE ROOF FRAMING. TRUSS SUPPLIER TO ADVISE THE ENGINEER ON RECORD ACCORDINGLY IF LAYOUT CHANGES AS SUPERSTRUCTURE DESIGN MAY HAVE TO BE REVISED.
- ALL BEAMS TO BE FLUSH BEAMS, EXCEPT DOORWAY AND WINDOW HEADERS.
- UNLESS NOTED OTHERWISE IN WALL TYPE SCHEDULE, PROVIDE MID-HEIGHT BLOCKING IN ALL LOAD BEARING WALLS.
- UPON COMPLETION OF TRUSS INSTALLATION THE ENGINEER RESPONSIBLE FOR THE DESIGN OF THE TRUSS SHALL REVIEW THE INSTALLATION ON SITE AND CONFIRM IN WRITING THAT THEY MEET THE DESIGN PARAMETERS. FINAL REPORT MUST BE SIGNED AND SEALED BY P. ENG. REGISTERED IN THE PROVINCE OF ALBERTA.
- EXTEND SHEAR WALLS TO U/S. OF ROOF SHEATHING, SEE ROOF SECTIONS.
- BRACES NOTED ON FRAMING PLAN ARE IN ADDITION TO THOSE REQUIRED BY THE TRUSS SUPPLIER TYP.
- WOOD TRUSS TO WALL, WOOD TRUSS TO TRUSS CONNECTIONS INCLUDING ALL GIRDER CONNECTIONS TO BE DESIGNED AND SUPPLIED BY THE TRUSS SUPPLIER.
- ALLOW FOR ADDITIONAL 74 psf SNOW PILING IN ALL VALLEYS. SNOW PILING TO BE TAPERED TO REGULAR ROOF SNOW LOAD AT 3000mm EACH SIDE OF VALLEYS.
- PROVIDE 3-2x6 COLUMN IN 2x6 WALLS AND 4-2x4 COLUMN IN 2x4 WALLS AT ALL GIRDER SUPPORT LOCATIONS U.N.O. SUCH COLUMNS TO EXTEND DOWN TO FOUNDATIONS.

| COLUMN SCHEDULE 'C' |       |                        |
|---------------------|-------|------------------------|
| TYPE                | SIZE  | REMARKS                |
| 'C1'                | 3-2x6 | SPF No.1/No.2 BUILT-UP |
| 'C2'                | 4-2x6 | SPF No.1/No.2 BUILT-UP |
| 'C3'                | 3-2x4 | SPF No.1/No.2 BUILT-UP |
| 'C4'                | 5-2x6 | SPF No.1/No.2 BUILT-UP |

| BEAM SCHEDULE 'B' |              |                        |
|-------------------|--------------|------------------------|
| TYPE              | SIZE         | REMARKS                |
| 'B1'              | 3-2x10       | SPF No.1/No.2 BUILT-UP |
| 'B2'              | 5 1/4" x 16" | 2.2E PSL               |
| 'B3'              | 7" x 16"     | 2.2E PSL               |

| TYPICAL WALL STUD SPACING |                 |          |
|---------------------------|-----------------|----------|
| WALL HEIGHT               | STUD SPACING    | GRADE    |
| STUDS UP TO 15'           | 2x6 @ 400mm O/C | SPF No.2 |
| STUDS UP TO 17'           | 2x6 @ 300mm O/C | SPF No.2 |
|                           |                 |          |
|                           |                 |          |

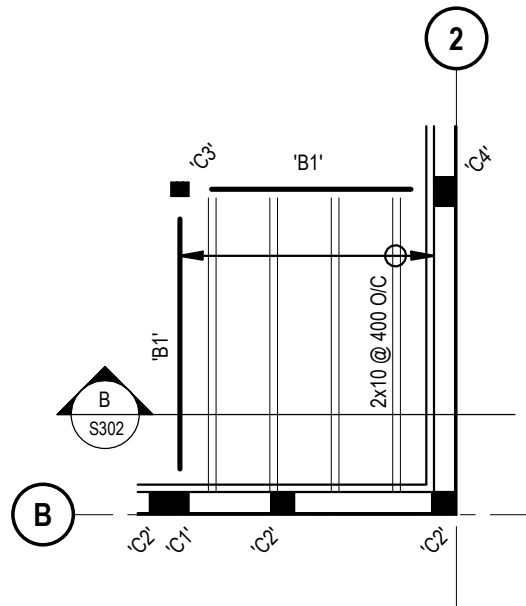
- NOTE:
- ALL NAILS TO BE COMMON WIRE NAILS, LENGTH AND SPACING NOTED.
  - SHEATHING PANELS TO BE STAGGERED AND PLACE HORIZONTALLY. PROVIDE BLOCKING AT ALL HORIZONTAL SHEATHING JOINTS.
  - WALL END STUDS TO BE NAILED TOGETHER AS PER BUILT-UP COLUMN NAILING SCHEDULE.

WOOD BEARING WALL SCHEDULE

| WALL TYPE      | 2ND FLOOR FRAMING<br>(MAIN FLOOR WALLS)                                         | ROOF FRAMING<br>(SECOND FLOOR WALLS)                                            | GRADE              |
|----------------|---------------------------------------------------------------------------------|---------------------------------------------------------------------------------|--------------------|
| EXTERIOR WALLS | 2x6 @ 400mm O/C CW 10mm OSB<br>SHEATHING PROVIDE BLOCKING @<br>SHEATHING JOINTS | 2x6 @ 400mm O/C CW 10mm OSB<br>SHEATHING PROVIDE BLOCKING @<br>SHEATHING JOINTS | SPF No.2 OR BETTER |

- ALL WALL TYPES ARE TYPICAL UNLESS NOTED OTHERWISE.
- WALLS TYPES INDICATED REPRESENT BEARING WALLS BELOW.
- WALL VERTICAL ALIGNMENT TO BE WITHIN 13mm OVER ENTIRE HEIGHT OF BUILDING TYPICAL ALL LOAD BEARING WALLS.
- ALL TOP & BOTTOM CONT. PLATES TO BE SPF No.2.

| SHEARWALL NAILING REQUIREMENTS |             |               |              |                         |
|--------------------------------|-------------|---------------|--------------|-------------------------|
| LEVEL                          | NAIL LENGTH | OSB THICKNESS | NAIL SPACING |                         |
|                                |             |               | PANEL EDGES  | INTERIOR STUD LOCATIONS |
| ROOF                           | 64mm        | 10mm          | 100mm        | 250mm                   |
| 2ND FLOOR                      | 64mm        | 10mm          | 100mm        | 250mm                   |



STAIR LANDING FRAMING PLAN

1 : 50

|   |            |                                 |
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PROJECT:  
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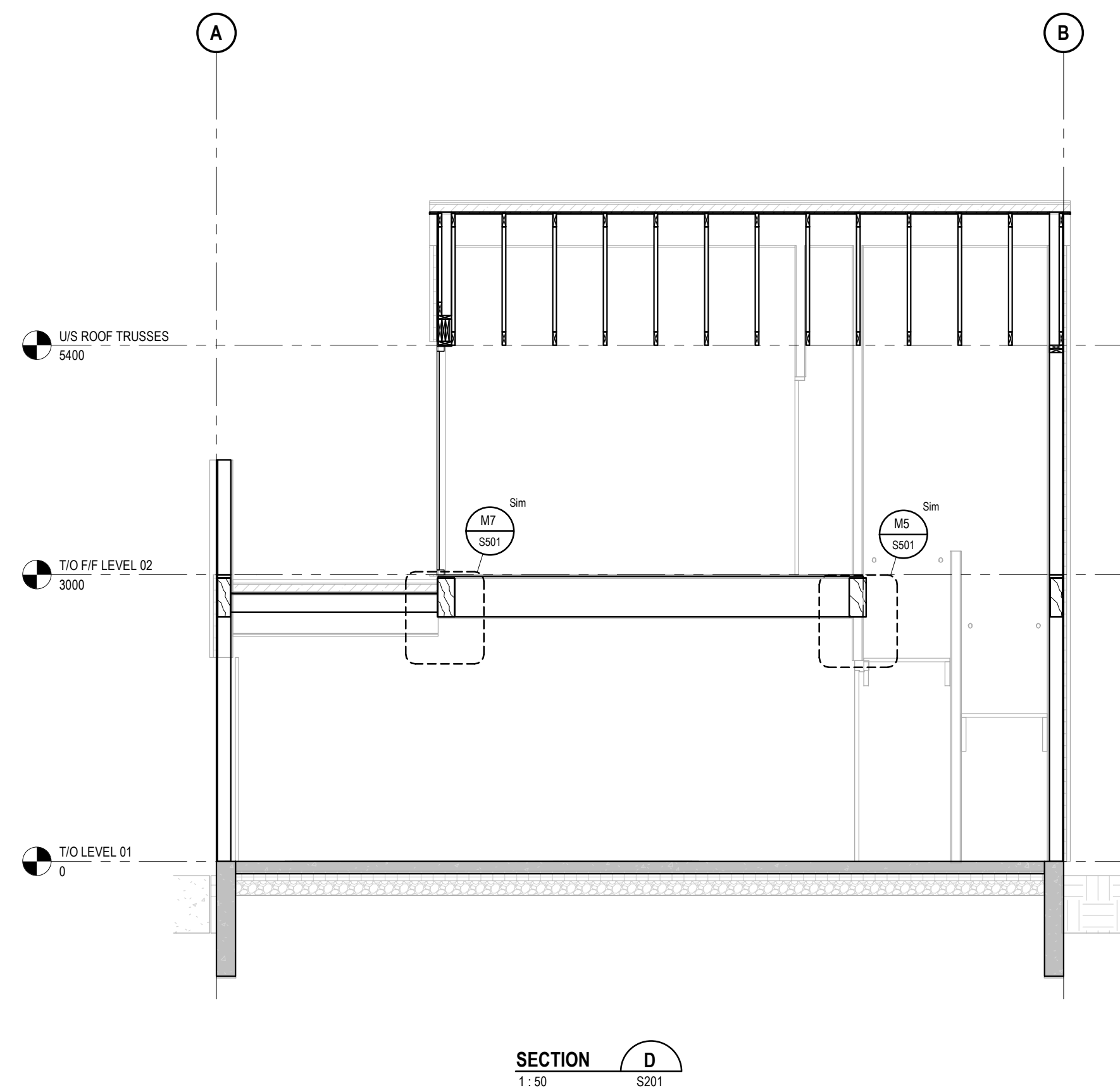
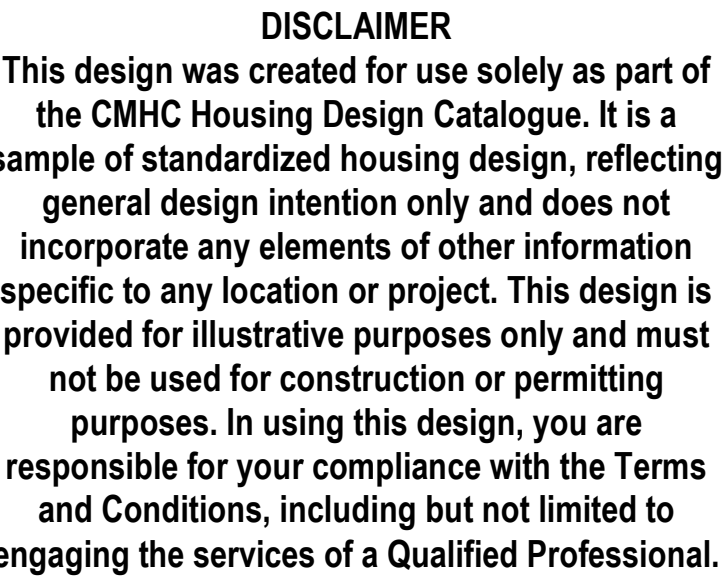
SHEET TITLE:  
FRAMING PLANS

AB Accessory Dwelling Unit 02

PROJECT NO: 02500462  
SCALE: As indicated

SHEET NO:

S301

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PROJECT:  
CMHC HOUSING  
CATALOGUE

ALBERTA, CANADA

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SHEET TITLE:

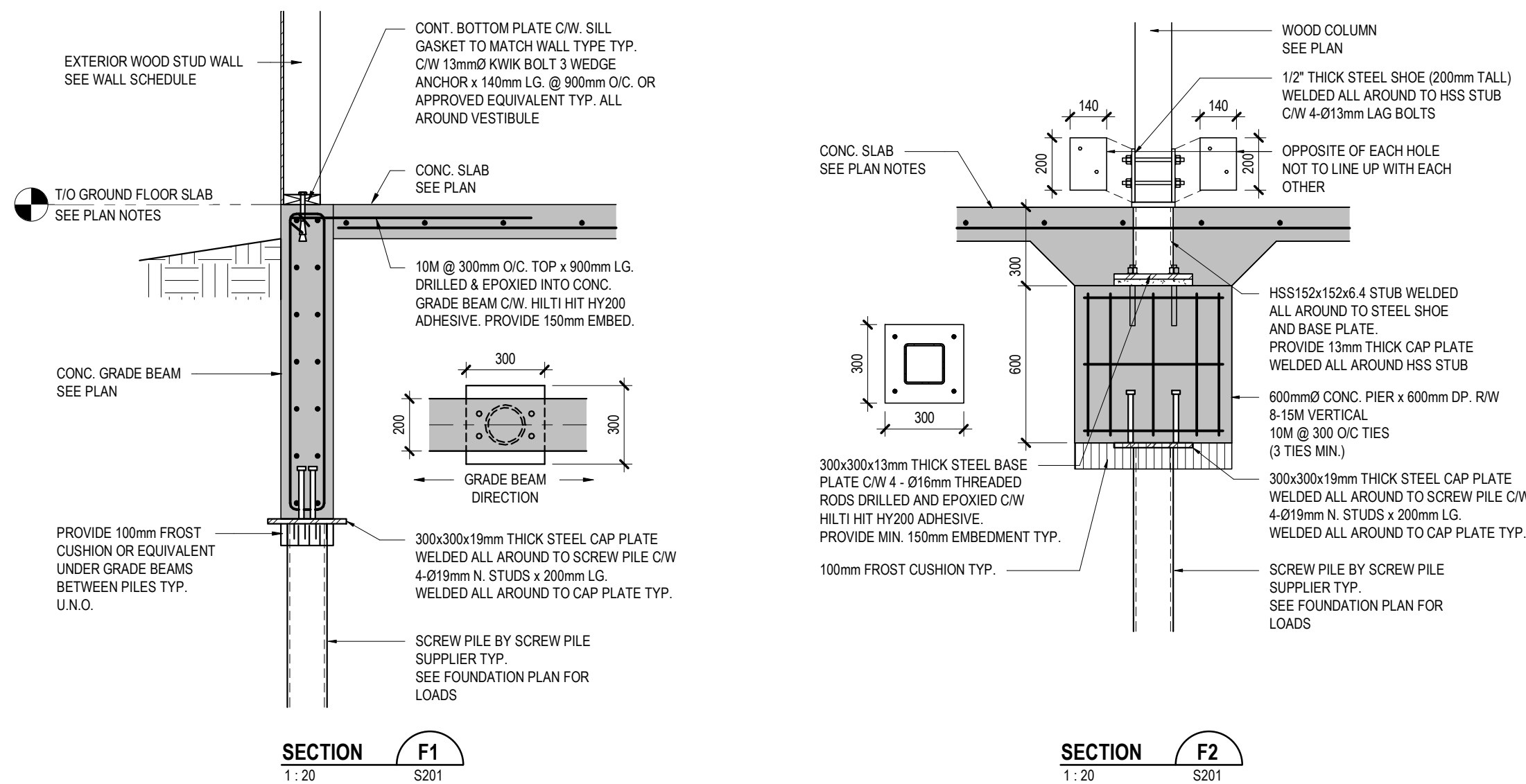
**BUILDING SECTIONS**

AB Accessory Dwelling Unit 02

PROJECT NO: 02500462  
SCALE: 1 : 50

SHEET NO:

**S302**



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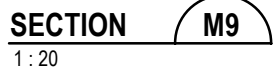
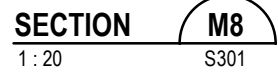
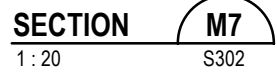
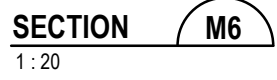
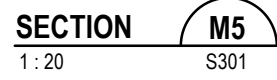
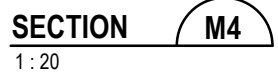
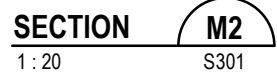
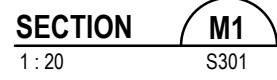
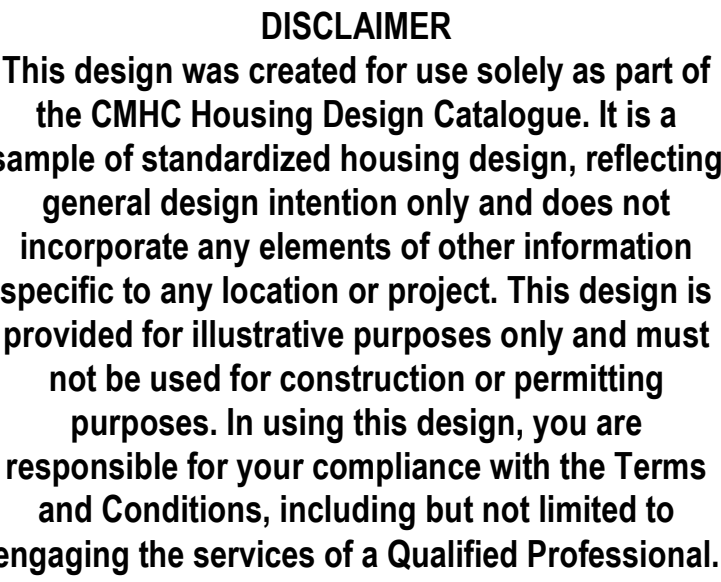
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AB Accessory Dwelling Unit 02

# S401



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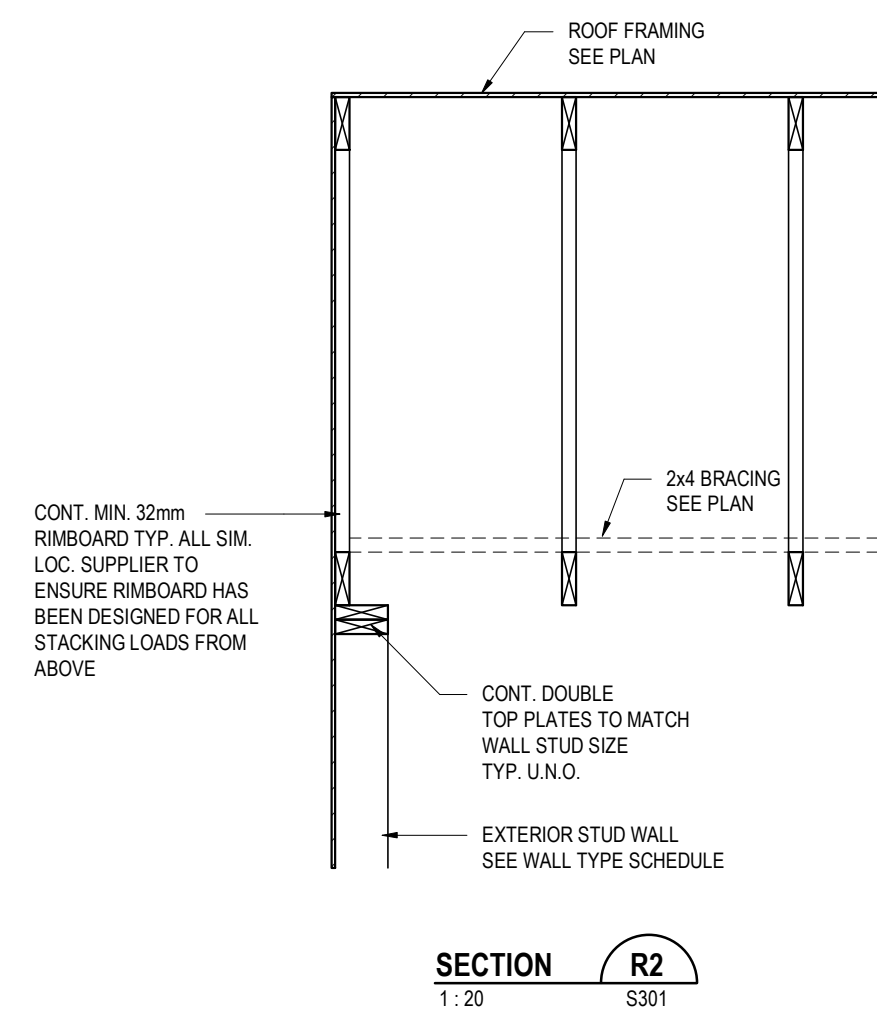
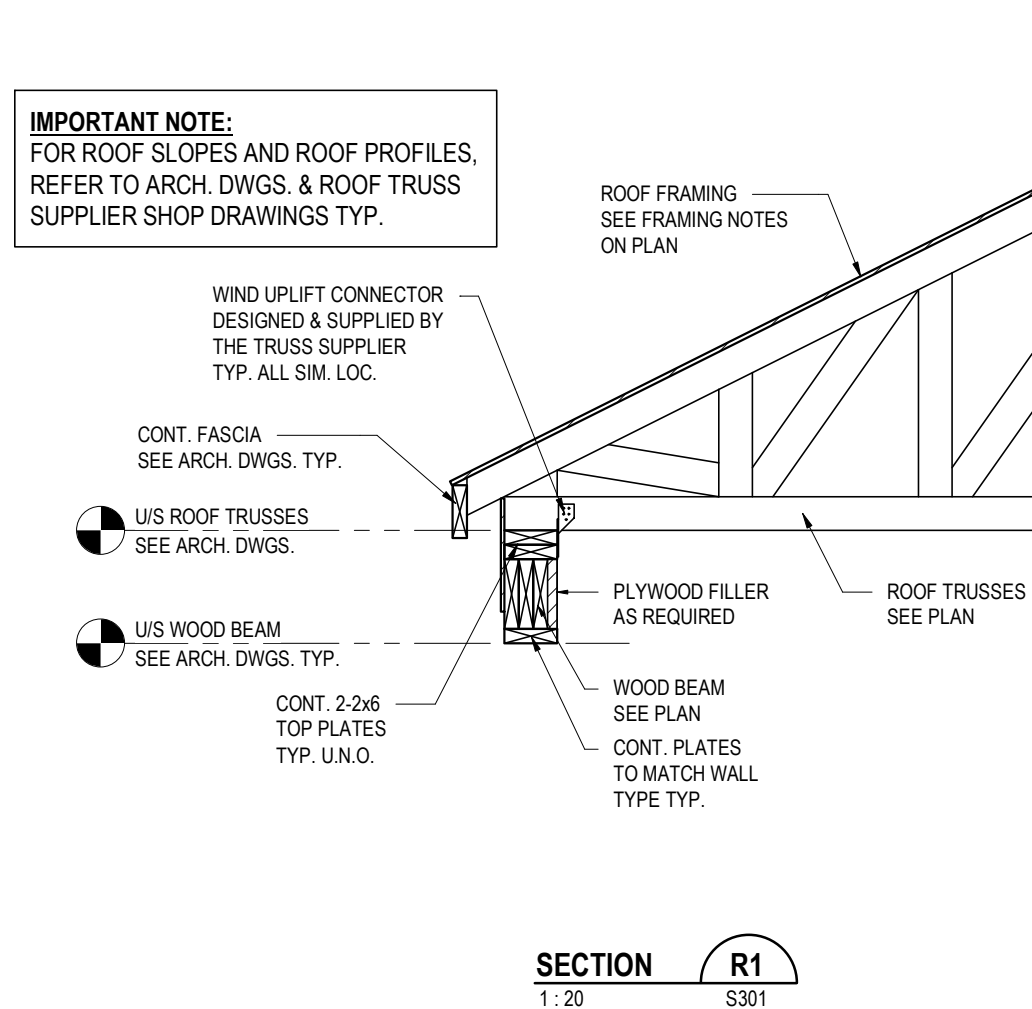
ALBERTA, CANADA

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AB Accessory Dwelling Unit 02

SHEET NO:

**S501**



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| NO. | DATE | DESCRIPTION |
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**PROJECT:**

CMHC HOUSING  
CATALOGUE

ALBERTA, CANADA

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**SHEET TITLE:**

## TYPICAL ROOF SECTIONS

AB Accessory Dwelling Unit 02

PROJECT NO: 02500462  
SCALE: 1 : 20

SHEET NO:

S601

**CMHC HOUSING DESIGN CATALOGUE**  
**AB ACCESSORY DWELLING UNIT 02**  
 MECHANICAL DRAWINGS



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| MECHANICAL SHEET LIST ADU 02 |                                 |
|------------------------------|---------------------------------|
| NO.                          | SHEET NAME                      |
| M000                         | MECHANICAL COVER SHEET          |
| M001                         | MECHANICAL LEGENDS              |
| M100                         | FOUNDATION PLAN                 |
| M101                         | GROUND FLOOR PLUMBING PLAN      |
| M102                         | SECOND FLOOR PLUMBING PLAN      |
| M201                         | GROUND FLOOR VENTILATION PLAN   |
| M202                         | SECOND FLOOR VENTILATION PLAN   |
| M300                         | MECHANICAL SCHEMATICS & DETAILS |
| M400                         | MECHANICAL SCHEDULES            |
| M500                         | MECHANICAL SPECIFICATIONS       |

[illegible]

| NO. | DATE | DESCRIPTION |
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**PROJECT:**

# CMHC HOUSING DESIGN CATALOGUE

ALBERTA, CANADA

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**SHEET TITLE:**

MECHANICAL COVER SHEET

AB Accessory Dwelling Unit 02

PROJECT NO: 024-07-769

**SCALE:**

**SHEET NO:**

# M000



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PROJECT:  
CMHC HOUSING DESIGN  
CATALOGUE

ALBERTA, CANADA

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SHEET TITLE:

# MECHANICAL LEGENDS

AB Accessory Dwelling Unit 02

**PROJECT NO:** 024-07-769  
**SCALE:** 1 : 1

**SHEET NO:**

# M001

## MECHANICAL LEGEND

NOTE: SOME SYMBOL REFERENCES MAY NOT BE USED ON THIS PROJECT

|                                                                                                                                                                                                                                                                                                                                                                                |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>LINE TYPES</b><br>CONTROLS WIRING<br>SANITARY PIPING<br>STORM PIPING<br>SANITARY VENT BRANCH PIPING<br>SANITARY VENT UP TO NEXT LEVEL<br>SANITARY VENT UP THROUGH ROOF<br>DOMESTIC COLD WATER PIPING<br>DOMESTIC HOT WATER PIPING<br>DOMESTIC HOT WATER RECIRC. PIPING<br>NATURAL GAS PIPING<br>CONDENSATE PIPING<br>REFRIGERANT SUPPLY PIPING<br>REFRIGERANT RETURN PIPING |  | <b>VENTILATION</b><br>OUTDOOR AIR DUCT UP/DOWN<br>SUPPLY AIR DUCT UP/DOWN<br>RETURN AIR DUCT UP/DOWN<br>EXHAUST AIR DUCT UP/DOWN<br>ROUND DUCT UP/DOWN<br>ACOUSTIC DUCT INSULATION<br>BALANCING DAMPER<br>BD = BACKDRAFT DAMPER<br>FD = FIRE DAMPER<br>SD = SMOKE DAMPER<br>SIDEWALL GRILLE<br>SQUARE DIFFUSER C/W TAKEOFF AND BALANCING DAMPER<br>ROUND DIFFUSER C/W TAKEOFF AND BALANCING DAMPER<br>TURNING VANES                                                                                                                                                                                                                                   |  |
| <b>PLUMBING</b><br>PIPE FLOW ARROW<br>PIPE CAP<br>PIPE CONNECTION<br>PIPE DROP<br>PIPE RISE<br>PIPE TEE (BELOW)<br>PIPE TEE (ABOVE)<br>SANITARY P-TRAP<br>RUNNING P-TRAP<br>HEAT TRACING<br>FLOOR DRAIN<br>ROOF DRAIN<br>HOSE BIBB<br>CLEANOUT<br>BUILDING CLEANOUT<br>GAS METER<br>WATER METER<br>THRUST BLOCK                                                                |  | <b>FIRE PROTECTION</b><br>FIRE EXTINGUISHER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
| <b>CONTROLS</b><br>CO = CARBON MONOXIDE<br>THERMOSTAT (COVER/NO COVER)<br>WALL SWITCH (ON-OFF/VARIABLE)                                                                                                                                                                                                                                                                        |  | <b>SCHEMATICS</b><br>HOSE END WITH CAP & CHAIN FOR DRAINING<br>FLEX PIPE CONNECTION<br>2-WAY CONTROL VALVE<br>3-WAY CONTROL VALVE<br>BACKFLOW PREVENTER<br>NORMALLY OPEN BACKWATER VALVE<br>CIRCUIT BALANCING/MEASUREMENT VALVE<br>CHECK VALVE<br>ISOLATION VALVE<br>MANUAL BALANCING VALVE<br>PRESSURE/TEMPERATURE PORT<br>PRESSURE REGULATING VALVE<br>SOLENOID VALVE<br>UNION<br>AIR SEPARATOR<br>AIR VENT - AUTOMATIC<br>AIR VENT - AUTOMATIC<br>CARTRIDGE FILTER<br>PUMP<br>WYE STRAINER C/W BALL VALVE, CAP & CHAIN<br>PRESSURE SAFETY VALVE<br>PRESSURE GAUGE C/W ISOLATION<br>TEMPERATURE GAUGE<br>TS = TEMPERATURE SWITCH<br>CENTRIFUGAL FAN |  |
| <b>TAGS</b><br>                                                                                                                                                                                                                                                                                                                                                                |  | DIFFUSER/GRILLE TAG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
|                                                                                                                                                                                                                                                                                                                                                                                |  | DRAWING REFERENCE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| SECTION/ELEVATION REFERENCE                                                                                                                                                                                                                                                                                                                                                    |  | EQUIPMENT TAG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
| KEYNOTE REFERENCE                                                                                                                                                                                                                                                                                                                                                              |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |

## ABBREVIATIONS

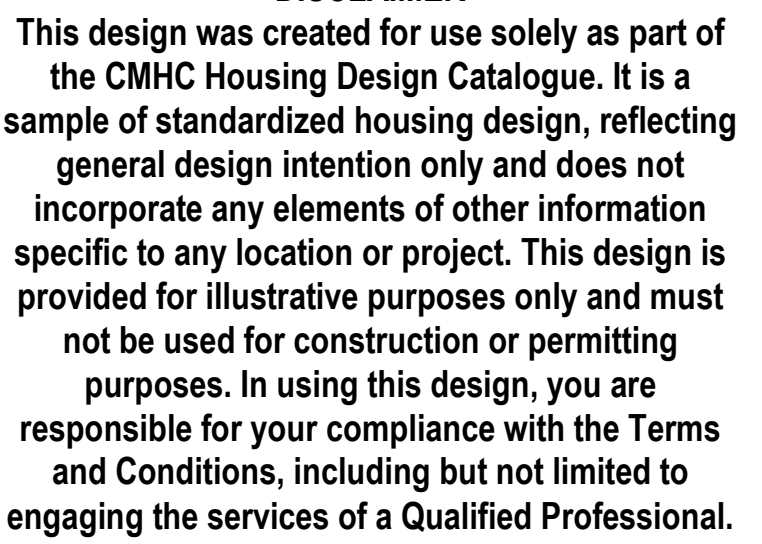
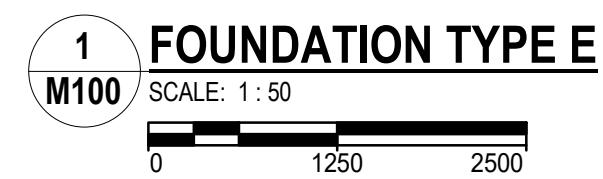
|     |                            |
|-----|----------------------------|
| BT  | BATHTUB                    |
| CO  | CLEAN                      |
| CP  | CONDENSATE PUMP            |
| CJ  | CONDENSING UNIT            |
| DCH | DOMESTIC COLD WATER        |
| DHW | DOMESTIC HOT WATER         |
| DW  | DOMIC WATER HEATER         |
| ERV | ENERGY RECOVERY VENTILATOR |
| ET  | EXPANSION TANK             |
| F/A | "FROM ABOVE"               |
| F/B | "FROM BELOW"               |
| FD  | FLOOR DRAIN                |
| FN  | FURNACE                    |
| GSV | GAS SHUTOFF VALVE          |
| H   | HOSE BIB                   |
| LV  | LAVATORY                   |
| NC  | "NORMALLY CLOSED"          |
| NO  | "NORMALLY OPEN"            |
| P   | PUMP                       |
| PRV | PRESSURE REDUCING VALVE    |
| RD  | ROOF DRAIN                 |
| RH  | KITCHEN RANGE HOOD         |
| SH  | SHOWER                     |
| SK  | SINK                       |
| TA  | "TO ABOVE"                 |
| TB  | "TO BELOW"                 |
| UNO | "UNLESS NOTED OTHERWISE"   |
| UTR | "UP THROUGH ROOF"          |
| WC  | WATER CLOSET               |

## SITE-SPECIFIC DESIGN REQUIREMENTS

ALL SITE-SPECIFIC ELEMENTS TO BE REVIEWED & DESIGNED BY THE RESPONSIBLE DESIGN PROFESSIONAL ISSUING THE DRAWINGS FOR PERMIT & CONSTRUCTION AT THE LOCATION DETERMINED. THIS INCLUDES:

- 1 SITE SERVING: INCOMING WATER, GAS, SANITARY & STORM SEWER  
CONNECTIONS TO BE CONFIRMED FOR SITE.
- 2 ENERGY EFFICIENCY: ISSUING DESIGN PROFESSIONAL TO REVIEW & CONFIRM ALL  
RELEVANT SITE DATA INCLUDING CLIMATE ZONE, HEATING/COOLING DEGREE DAYS,  
ORIENTATION, ADJACENT BUILDINGS (ROW HOUSING), MECHANICAL SYSTEM,  
ENVELOPE & GLAZING PERFORMANCE IN ORDER TO ACCURATELY DETERMINE:
- i. EQUIPMENT SIZING: FURNACE, AIR CONDITIONING, AND/OR HEAT PUMP  
CAPACITIES & ASSOCIATED DUCT SIZING TO BE DESIGNED & REVIEWED BY THE  
ISSUING DESIGN PROFESSIONAL, IN ACCORDANCE WITH THE LOCAL CLIMATIC  
CONDITIONS AS OUTLINED ABOVE.

|   |                                                                                       |
|---|---------------------------------------------------------------------------------------|
| 1 | CONNECT RAIN WATER LEADERS TO UNDERGROUND STORM SERVICE WHERE REQUIRED BY LOCAL CODE. |
|---|---------------------------------------------------------------------------------------|



| NO. | DATE | DESCRIPTION |
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# M100

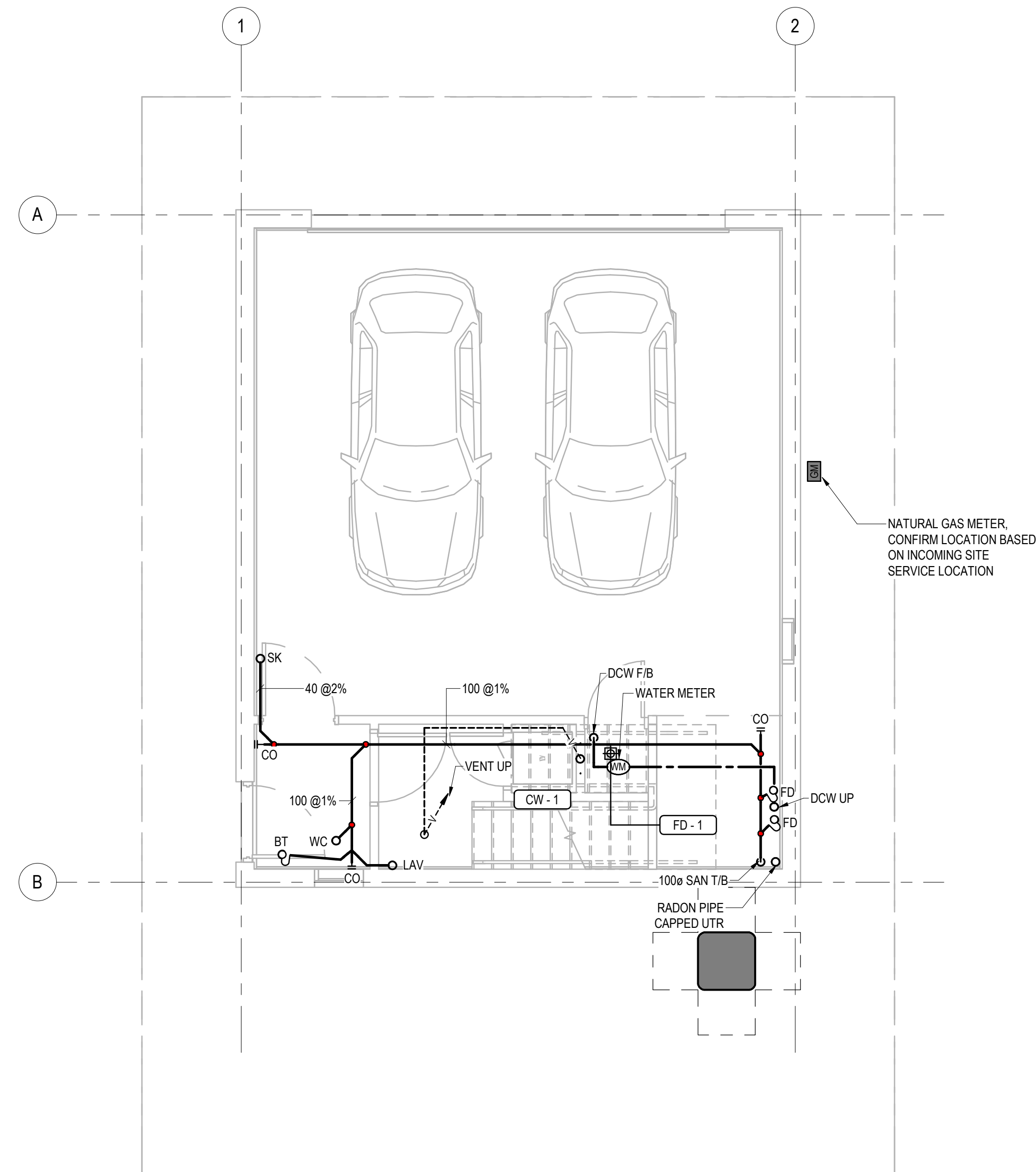


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## PLUMBING GENERAL NOTES

- |   |                                                                                                              |
|---|--------------------------------------------------------------------------------------------------------------|
| 1 | RUN INDIVIDUAL DOMESTIC HOT WATER AND COLD WATER LINES TO ALL PLUMBING FIXTURES AS REQUIRED.                 |
| 2 | NATURAL GAS METERS TO BE LOCATED A MINIMUM OF 3.0M AWAY FROM ANY OPERABLE WINDOWS OR DOORS.                  |
| 3 | INSTALL NATURAL GAS PIPING FROM THE UTILITY METER TO ALL GAS-FIRED APPLIANCES IN ACCORDANCE WITH CSA B149.1. |



**1** **GROUND FLOOR PLUMBING TYPE E**  
**M101** SCALE: 1:50  
 0 1250 2500

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| NO. | DATE | DESCRIPTION |
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**PROJECT:**

# CMHC HOUSING DESIGN CATALOGUE

ALBERTA, CANADA

NOT FOR PERMIT  
OR CONSTRUCTION

**SHEET TITLE:**

## GROUND FLOOR PLUMBING PLAN

AB Accessory Dwelling Unit 02

PROJECT NO: 024-07-769

**SCALE:** 1 : 50

**SHEET NO:**

# M101

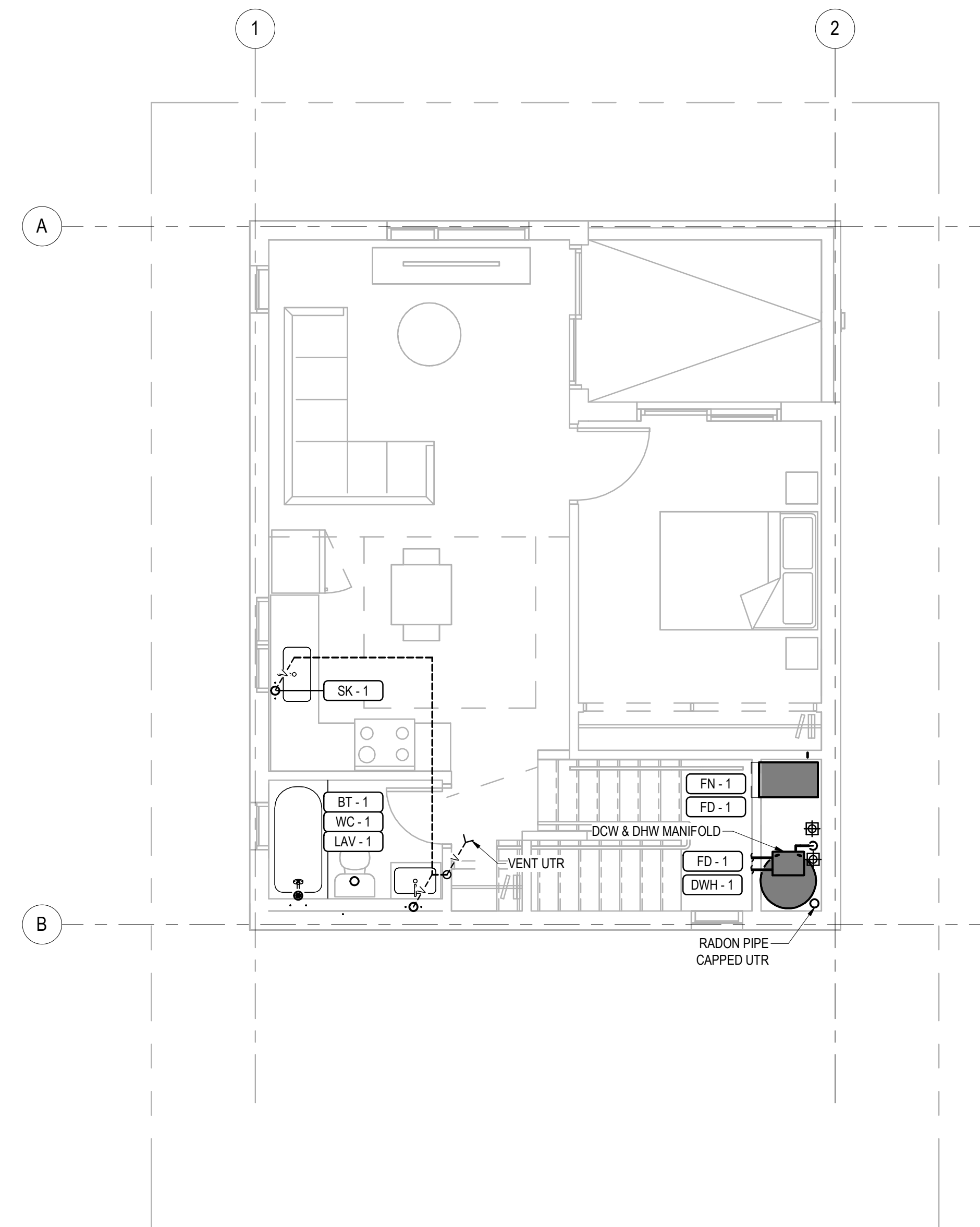


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## PLUMBING GENERAL NOTES

- |   |                                                                                                              |
|---|--------------------------------------------------------------------------------------------------------------|
| 1 | RUN INDIVIDUAL DOMESTIC HOT WATER AND COLD WATER LINES TO ALL PLUMBING FIXTURES AS REQUIRED.                 |
| 2 | NATURAL GAS METERS TO BE LOCATED A MINIMUM OF 3.0M AWAY FROM ANY OPERABLE WINDOWS OR DOORS.                  |
| 3 | INSTALL NATURAL GAS PIPING FROM THE UTILITY METER TO ALL GAS-FIRED APPLIANCES IN ACCORDANCE WITH CSA B149.1. |



**1**  
**M102** **SECOND FLOOR PLUMBING TYPE E**  
SCALE: 1 : 50



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| 1 | 2025-02-21 | ISSUED AS PROTOTYPICAL DRAWING |
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| NO. | DATE | DESCRIPTION |
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**PROJECT:**

CMHC HOUSING DESIGN  
CATALOGUE

ALBERTA, CANADA

NOT FOR PERMIT  
OR CONSTRUCTION

**SHEET TITLE:**

## SECOND FLOOR PLUMBING PLAN

AB Accessory Dwelling Unit 02

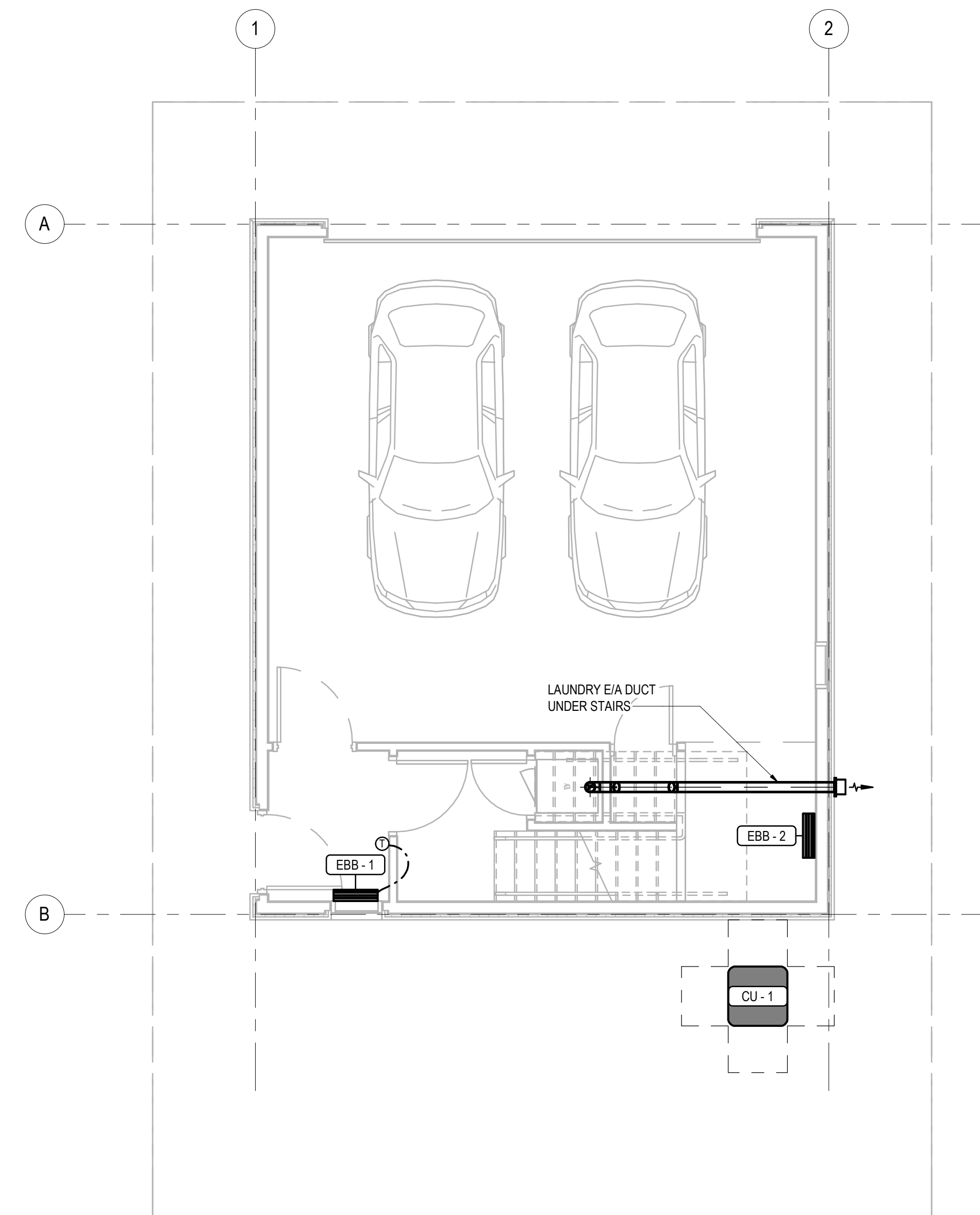
PROJECT NO: 024-07-769

**SCALE:** 1 : 50

**SHEET NO:**

# M102

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1  
M201

**GROUND FLOOR VENTILATION TYPE E**  
SCALE: 1 : 50

| 1   | 2025-02-21 | ISSUED AS PROTOTYPICAL DRAWING |
|-----|------------|--------------------------------|
| NO. | DATE       | DESCRIPTION                    |

PROJECT:  
CMHC HOUSING DESIGN  
CATALOGUE

ALBERTA, CANADA  
**NOT FOR PERMIT  
OR CONSTRUCTION**

SHEET TITLE:  
GROUND FLOOR  
VENTILATION PLAN

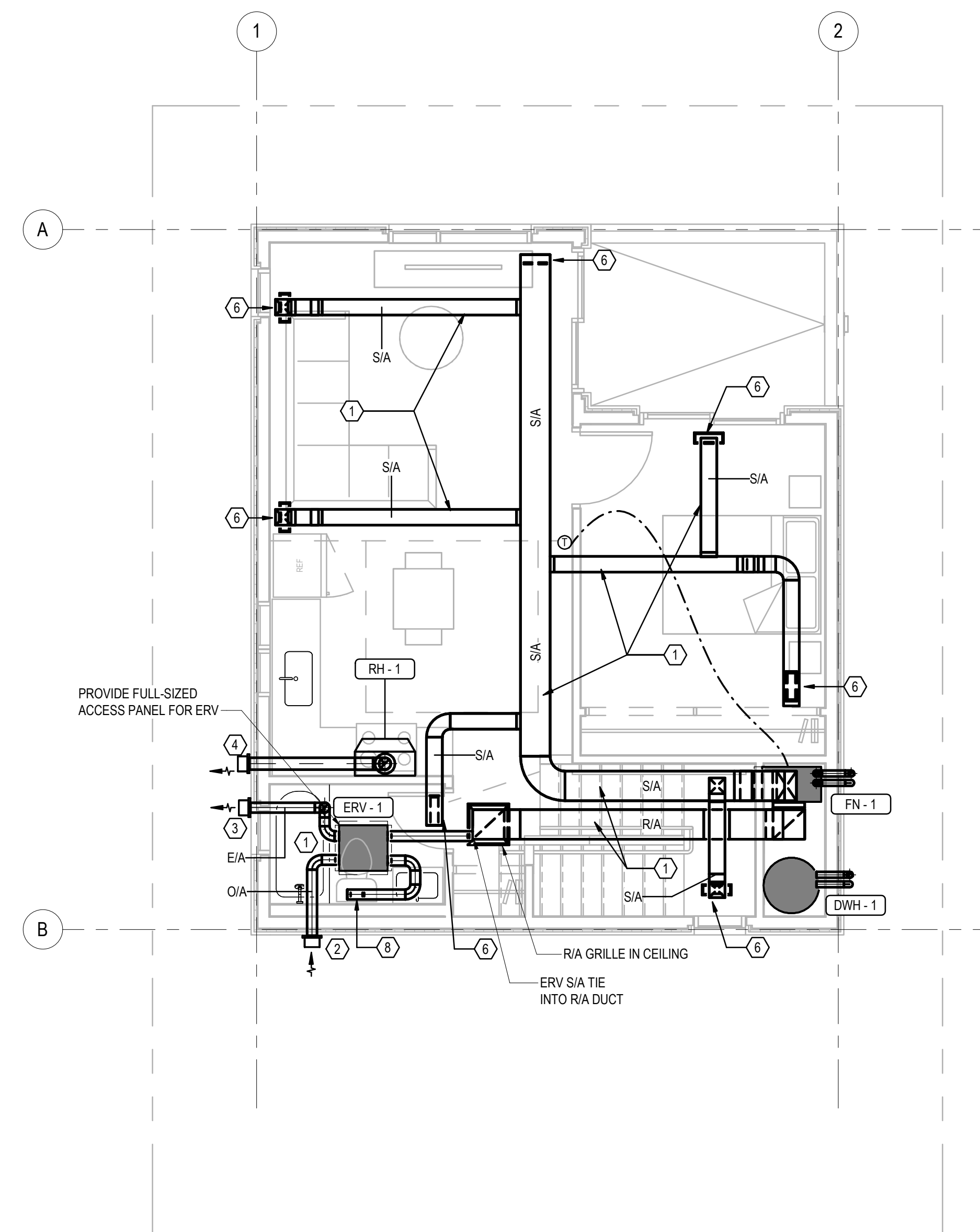
AB Accessory Dwelling Unit 02

PROJECT NO: 024-07-769  
SCALE: 1 : 50

SHEET NO:  
**M201**

1 SUPPLY AIR GRILLES TO BE COMPLETE WITH INTEGRAL  
OPPOSED-BLADE DAMPER FOR BALANCING.

- 1 INSULATE ALL DUCTS RUN IN ATTIC
- 2 ERV O/A INTAKE - MAINTAIN MINIMUM 1800 CLEARANCE FROM ALL  
EXHAUSTS/VENTS
- 3 ERV E/A OUTLET
- 4 RH-1 E/A OUTLET
- 5 LAUNDRY E/A OUTLET
- 6 S/A GRILLE (CEILING)
- 7 S/A GRILLE (WALL)
- 8 BATHROOM E/A GRILLE



**1 SECOND FLOOR VENTILATION TYPE E**  
**M202** SCALE: 1 : 50  
 0 1250 2500



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**PROJECT:**

CMHC HOUSING DESIGN  
CATALOGUE

ALBERTA, CANADA

NOT FOR PERMIT  
OR CONSTRUCTION

**SHEET TITLE:**

## SECOND FLOOR VENTILATION PLAN

AB Accessory Dwelling Unit 02

PROJECT NO: 024-07-769  
SCALE: 1 : 50

**SHEET NO:**

# M202





A. GENERAL REQUIREMENTS

1. Include all labour, material and equipment required for the installation, testing and placing into operation complete mechanical systems in accordance with the plans and specifications. Installation to conform with all applicable codes and standards and to the satisfaction of the authorities having jurisdiction.
2. Contract documents are diagrammatic only. They are to establish scope, material, and quality. They are not detailed installation drawings. Minor details usually not shown or specified, and any incidental accessories required for proper installation of the system, are to be included in the work. Pipes and ductwork shall be installed in such a way as to conserve head room and interfere as little as possible with free use of the space through which they pass. All pipes and ductwork which are to be concealed shall be installed neatly and closely to the building structure so that the necessary furring can be kept as small as possible. Supply all miscellaneous metals, such as anchor bolts, expansion bolts, hanger inserts, angles, bars, plates, brackets that are related to the mechanical system installation.
3. Be responsible for the establishment of all grades and elevations in connection with mechanical equipment, ductwork, piping, drains, etc.
4. Follow the recommended installation details and procedures for all equipment as found in suppliers technical data, supplemented by details given herein by these specifications or the drawings. Where indicated in the equipment schedules, include for a factory trained service technicians attendance on the site to participate in the start up and commissioning, including controls verification, certify the installation, verify the performance, provide maintenance and operating instructions and submit a report.

B. PIPING

1. Contractor to coordinate the building system installation with the site work. Be responsible for setting grades and confirm all elevations prior to installation.
2. Hangers and supports shall secure pipe in place, maintain grade by adjustment, provide for expansion and appear neat. Install supports of strength and rigidity to suit loading without unduly stressing the structure. Hangers for piping shall be adjustable ring or clevis type. Steel for ferrous piping and copper for copper piping. Trapeze type hangers may be used where several pipes run at the same elevation. Provide isolation between copper pipe and steel hangers. Use of perforated band strap hangers is not acceptable in non-combustible construction. Use of perforated band strap hangers is acceptable in wood frame construction for Code Group "C" residential projects. Perforated band strap hangers shall only be permitted to support individual pipes by wrapping around the pipe, secured with a bolt, and securely fastened to the building structure. Provide C-Clamp for fastening hangers to joist or install hanger rods in roof structure as approved by the Consultant. Pipe hangers shall be spaced at maximum intervals as noted in the local building code according to pipe material and size. Pipe under the building in the fill shall be supported continuously, by bedding in sand. For piping below structural slabs on grade, provide stainless steel hangers.
3. Piping - the following specification indicates the piping and fittings that may be utilized for the project. The Contractor shall submit manufacturer shop drawings for the piping and fittings proposed for use on the project. Contractor to confirm specific manufacturer, application, and installation requirements and warranty limitations prior to selecting and installing a particular product. Contractor to ensure all materials are in accordance with the applicable code requirements relating to material flame spread and smoke development, use of combustible materials, and use of materials in and penetrating fire-rated assemblies.

- a) Plumbing drainage, venting, water, and natural gas piping:  
Materials and application permitted for use on this project shall be in strict accordance with the applicable plumbing, and gas codes that govern the project installation permits. PEX piping to be chlorine resistant MDC 5.
- b) Refrigerant:  
ACR copper  
Wrought copper, Brazed  
Cast copper, Brazed
- c) Equipment Drains & Overflows:  
Galvanized steel, Schedule 40, ASTM A53 only  
Galvanized, Screwed  
Cast brass  
Copper water tube, Type M, drawn temper  
Wrought copper, bronze, Soldered 50-50 tin-antimony
4. Provide and set cleanouts for house drains in all straight runs of sewers, at the end of all branches, at the base of all riser lines, on all exposed or accessible traps (except water closets) further at the entry of the building at all points in the system where so indicated or called for, or where necessary to remove obstruction. Provide brass ring and cover to suit floor finish. Install cleanouts in accessible locations.
  5. Provide DCW, DHW, & Sanitary connections to all plumbing fixtures as listed in the Plumbing Fixture Pipe Size Schedule.
  6. Every fixture shall have its own isolation valves, trap and vent in accordance with local plumbing regulations. All vents shall extend to a minimum of 8" (150 mm) above finished roof.
  7. Sleeves shall be provided by the Mechanical Contractor for all pipes passing through fire-rated walls and floors, and potentially wet floors. Sleeves shall be standard weight steel pipe or 18 gauge (1.2 mm) galvanized steel.
  8. Provide roof and floor drains where indicated on drawings and as per equipment schedules.
  9. Isolate steel and copper pipe with dielectric couplings. Where bronze bodied valves isolate steel and copper pipe, no insulated couplings are required.
  10. Provide valves in accordance with the following schedule, valve to be manufactured and certified for the service application.

| Function  | Type | Size           | Remarks                                                                    |
|-----------|------|----------------|----------------------------------------------------------------------------|
| Isolation | Ball | Up to 3"(75mm) | Cast bronze, full port, seals to suit application, solder or threaded ends |

11. Install all piping to allow for expansion and contraction. Provide flexible pipe connections, expansion joints and compensators, pipe loops, swing joints, and offsets.
12. Provide backflow prevention devices in conformance with CSA B64 and local Codes on all hose connections and on all domestic water connections where required.
13. Where required by Authorities, ensure that all service water lines over 1½" (40 mm) are flushed and cleaned and that a sample is submitted to a certified Lab for bacterial testing. Send copy of test results to the Consultant.
14. Flush all domestic water piping within the building for sufficient time to remove all contaminants.
15. Provide a minimum of 2% slope of pipe on sanitary and storm drainage piping, unless noted otherwise on drawings.
16. Test all piping systems in accordance with industry standards. Hydro test all liquid systems; air or nitrogen test gas systems. Test to minimum 1½ times operation pressure for a minimum of 2 hours, or as required by code.
17. On all domestic systems equip low points with 20 mm (¾") drains consisting of a ball valve and hose nipple.
18. Protect all metal pipes from contact with corrosive material.

C. DUCTWORK

1. Provide all venting and chimneys from all gas fired equipment, as required in accordance with CSA standards for the applicable venting category and local codes. Provide venting materials required to suit the specific equipment application, as per manufacturer's venting guidelines.
2. Ducts shall be constructed of galvanized sheet metal sufficiently braced to prevent rattling or leaking. Duct systems shall be complete of sizes shown. If not shown, of sizes required to produce capacity of equipment installed. Properly support ducts with galvanized hangers. Gauges, joints, bracing and hangers shall be in accordance with the SMACNA Manual latest edition. Medium velocity and exposed round ductwork to be spiral lock seam type only. Ductwork in interior exposed areas intended to be painted shall be satin finish.
3. Low velocity insulated flexible ductwork shall be equal to Thermaflex Type M-KC. Connect air outlets to low pressure ducts with 36" (900 mm) maximum length of stretched flexible duct. Hold in place with caulking compound and strap or clamp. Do not kink or pinch cross sectional area. Where low pressure ducts are connected to fan equipment, terminal boxes or any other apparatus, a screwed or bolted flexible gasket joint shall be provided between the ductwork and the equipment, minimum 2" (50 mm) wide.
4. Provide all necessary anchors and guides to permit free expansion and contraction of ducts. Hangers and supports for covered ducts shall not injure or pierce the insulation.
5. Duct sizes shown on the drawings are inside clear dimensions. If ducts are acoustically lined, the outside size shall be increased accordingly. All ducts shall be complete within themselves and no single partition between ducts will be accepted.
6. Unless noted otherwise, provide birdscreen on all open ended ducts to the following sizes:

| Open Ended Duct Application                       | Birdscreen Size in (mm) |
|---------------------------------------------------|-------------------------|
| Exterior exhaust outlets (gooseneck or wall hood) | 1 (25)                  |
| Exterior intakes                                  | 2 (50)                  |
| Interior open ended ducts                         | 1 (25)                  |

7. All laps shall be smooth and in the direction of air flow. Sheet metal screws shall be accepted on low pressure ductwork only.
8. Unless otherwise indicated, all tees, bends and elbows shall be constructed with a radius of not less than 1½ times the width of the duct on centerline.
9. All rectangular ducts shall be constructed by breaking the corners and grooving longitudinal seams using the Pittsburgh-seam or other approved airtight seam. All elbow and transformation pieces shall be constructed using Pittsburgh corner seams or double seam corners. All slips shall not be less than one gauge heavier than the duct material and flange joints may be considered as girth reinforcing. Open corners will not be accepted. All ductwork joints shall be sealed with approved type products based on SMACNA manual for each pressure class. Duct tape as a sealing method is not acceptable.
10. Provide balancing dampers c/w indicators at all points on supply and return and exhaust systems where branches are taken from larger ducts, also where indicated on the drawings and required for proper air balance.
11. Provide ULC labeled and approved fire dampers at all points where ductwork penetrates fire rated assemblies. Fire dampers to be curtain type. Provide dampers suitable for the application (vertical or horizontal) and rating. Static or dynamic type as required. Provide approved fire stop flaps where outlets penetrate a membrane ceiling forming part of a fire rated assembly. Dampers are to be installed according to the manufacturer's instructions.
12. Wall hoods to be aluminum. Back draft dampers to be provided for exhaust wall hoods. Refer to drawings for duct connection sizes.

D. INSULATION

1. Provide insulation for ducts and piping as specified below and in accordance with TIAC guidelines.
2. All insulating material, flexible connectors, combustible coverings, etc., shall have flame spread ratings and smoke development classification not exceeding current code requirements.
3. Provide canvas recovery jacket on all indoor exposed insulation. Aluminum or PVC recovery in wet areas or when exposed to the elements or subject to damage. Foil-faced vapour insulation on supply ducts, cold ducts and cold pipes.
4. Provide insulation to the following standards throughout the building:

| Duct Service & Equipment                                                               | Insulation in (mm) |
|----------------------------------------------------------------------------------------|--------------------|
| Outdoor Air Intake, Combustion Air, Relief Air                                         | 2 (50)             |
| Exhaust Duct (within 10' (3 m) of exterior openings)                                   | 1 (25)             |
| Ducts exposed to outdoors                                                              | 2 (50)             |
| Acoustic Lining (minimum, where indicated on plans) (where indicated & noted on plans) | 1 (25)<br>2 (50)   |

| Piping Service & Equipment                                                                            | Nominal Sizes                            | Insulation in (mm) |
|-------------------------------------------------------------------------------------------------------|------------------------------------------|--------------------|
| Storm Sewer & Vents (minimum 6' (2 m) section from roof and entire horizontal to first vertical drop) | All Sizes                                | 1 (25)             |
| Domestic Cold Water                                                                                   | All Sizes                                | 1 (25)             |
| Domestic Hot Water & Recirculation                                                                    | 2 (50) and smaller<br>2½ (65) and larger | 1 (25)<br>1½ (40)  |
| Refrigerant (Amaflex insulation)                                                                      | All Sizes                                | ½ (15)             |

E. CONTROLS AND INTERFACE WITH THE ELECTRICAL CONTRACTOR

Supply the Electrical Contractor with information necessary to accurately locate motors and any control devices that require wiring by the Electrical Contractor. Coordinate with the Electrical Contractor the electrical requirements for all mechanical equipment. Confirm the voltage and phase with the Electrical Contractor prior to ordering of equipment and submission of shop drawings. Be responsible for any additional electrical costs resulting from alternative mechanical equipment being supplied. Provide the Electrical Contractor with a motor list based on the coordinated electrical connection requirements and the shop drawings. Include in the motor list a complete inventory of all equipment and systems that require electrical connections. Include the equipment tag number, location, motor HP or kW, voltage, phase, starter and control requirements and interlocks. The Engineers design motor list can be made available, for information purposes only, upon request.

1. All electric/electronic controls devices by the Mechanical Contractor and/or their sub-trades. All conduit & wiring by the Electrical Contractor.
  - Mechanical Contractor or their sub-contractors or equipment suppliers to provide all control devices. Wiring of low and line voltage related to the mechanical controls to be by the Electrical Contractor.
  - Provide shop drawings c/w product data for all devices, valve and damper schedules, wiring schematics and operational description for all equipment that is provided with automatic control.
  - Devices and control equipment to be as detailed below or as specified in the equipment schedules.
  - Mechanical Contractor to verify the operation of all systems and equipment. Calibrate all control devices.



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| 1 | 2025-02-21 | ISSUED AS PROTOTYPICAL DRAWING |

| NO. | DATE | DESCRIPTION |
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PROJECT:

## CMHC HOUSING DESIGN CATALOGUE

ALBERTA, CANADA

NOT FOR PERMIT OR CONSTRUCTION

SHEET TITLE:

## MECHANICAL SPECIFICATIONS

PROJECT NO: 024-07-769

SCALE:

SHEET NO:

# M500

CMHC HOUSING DESIGN CATALOGUE

AB ACCESSORY DWELLING UNIT 02

ELECTRICAL DRAWINGS

ACCESSIBILITY - GENERAL NOTES

1. THE FOLLOWING REQUIREMENTS ARE REFERENCED FROM CSA B652 - ACCESSIBILITY STANDARDS CANADA (ASC).

2. CLAUSE 4.3.3.b)-i) - PARKING AND GARAGES:

- a) ILLUMINATION IS TO BE PROVIDED FOR ANY EXTERIOR MOTION SENSOR CONTROLS.  
b) WHERE VISUAL DISPLAYS ARE REQUIRED TO BE READ, DISPLAYS ARE REQUIRED TO BE ILLUMINATED TO ACHIEVE A MINIMUM OF 200LX ON SIGNAGE.  
c) WHERE DISPLAYS ARE NOT REQUIRED TO BE READ OR BACKLIGHTING HAS BEEN ACHIEVED, ILLUMINATION BETWEEN 50LX AN 100LX IS NECESSARY ON SIGNAGE.

3. CLAUSE 4.3.5.1-b) - GENERAL - OPERATING CONTROLS:

- a) WHERE VISUAL DISPLAYS ARE REQUIRED TO BE READ, DISPLAYS ARE REQUIRED TO BE ILLUMINATED TO ACHIEVE A MINIMUM OF 200LX ON SIGNAGE.  
b) WHERE DISPLAYS ARE NOT REQUIRED TO BE READ OR BACKLIGHTING HAS BEEN ACHIEVED, ILLUMINATION BETWEEN 50LX AN 100LX IS NECESSARY ON SIGNAGE.

4. CLAUSE 4.3.5.1-e) - GENERAL ILLUMINATION: MINIMUM LIGHTING LEVELS (4.8), REFER TO THE FOLLOWING REQUIREMENTS:

- a) GENERAL ILLUMINATION: 50LX AT FLOOR LEVEL  
b) KITCHEN BUILT-IN: 300LX, COUNTER-TOP: 750LX  
c) ADULT BEDROOM: 100-300LX, READING DESK: 500LX  
d) CHILD BEDROOM: 500LX, READING DESK: 800LX  
e) BATHROOM: 300LX, MIRROR (VERTICAL): 300-700LX  
f) LIVING ROOM: 300LX, READING: 500LX  
g) FAMILY ROOM / THEATRE: 300LX (150LX FOR TV VIEWING), READING / TABLE: 500LX  
h) LAUNDRY / UTILITY: 200LX, COUNTERTOP: 300LX  
i) DINING ROOM: 200LX  
j) HALLWAY, STAIRS: 100-500LX  
k) HOME OFFICE: 500LX, DESK / READING: 800LX  
l) GARAGE: 500LX, WORKTABLE: 750LX  
m) WORKSHOP: 800LX, BENCH: 1100LX  
n) EXTERIOR PERIMETER: 50LX

5. CLAUSE 4.3.5.2 - DOORS:

- a) DOOR HARDWARE - ROUGH-IN ELECTRICAL TO BE PROVIDED FOR FUTURE INSTALLATION OF A POWER ASSISTED DOOR AT THE BATHROOM, MAIN ENTRANCE AND GARAGE ENTRANCE.  
b) CONTROLS FOR POWER-ASSISTED DOORS SHOULD BE LOCATED ALONG THE ACCESSIBLE PATH OF TRAVEL, CLEARLY VISIBLE BEFORE REACHING THE DOOR, ADJACENT TO A CLEAR FLOOR AREA OF 820X1390mm AND BETWEEN 600-1500mm FROM LATCH EDGE OF DOOR.

6. CLAUSE 5.9.6 - BATHROOM ILLUMINATION - MINIMUM REQUIREMENTS:

- a) BATHROOM: 300LX  
b) MIRROR TASK LIGHTING: 300-700LX, BE MOUNTED BETWEEN 300-500mm PERPENDICULAR TO THE MIRROR SIDE, AND AT 1000-1700mm.  
c) BE DIMMABLE BETWEEN 50LX AND 300LX  
d) SHOWER OR BATHTUB LIGHTING SHALL HAVE AS A MINIMUM, ONE FIXTURE CENTERED IN THE CEILING.

7. CLAUSE 5.9.8 - BATHROOM:

- 2xGFI REQUIRED:  
a) NEXT TO THE SINK 150mm FROM THE FRONT EDGE OF FRONT FACE OF THE VANITY AND  
b) NEXT TO THE TOILET 150mm FROM THE FRONT EDGE AND 300-600mm AFF.

8. CLAUSE 5.10.5 - KITCHEN:

- OPERATING CONTROLS SHALL BE:  
a) ACCESSIBLE  
b) SWITCHES AND OUTELTS INSTALLED ON FRONT FACES OF COUNTERS  
c) INCLUDED IN SIDE WALL OUTLETS  
d) WHERE PROVIDED, RANGE HOODS OPERABLE FROM SEATED POSITION

9. CLAUSE 5.11.5 - BEDROOM:

- ELECTRICAL:  
a) SHALL BE ACCESSIBLE  
b) PROVIDE AT LEAST ONE SWITCH BESIDE BED AT A HEIGHT BETWEEN 450-650mm AFF.  
c) HAVE TWO WALLS WITH A MINIMUM OF TWO QUAD RECEPTACLES PER WALL  
d) HAVE OUTLETS PLACED AT A MINIMUM 600mm FROM THE CORNER OF THE ROOM AND A MAXIMUM DISTANCE OF 2080mm BETWEEN EACH

10. CLAUSE 5.11.6 - BEDROOM:

- OUTLET CONNECTIONS:  
a) ONE OUTLET FOR COMPUTER NETWORK AT A HEIGHT BETWEEN 400-1100mm AFF, LESS THAN 600mm HORIZONTALLY FROM BED EDGE AND IN A LOCATON WHERE ACCESS IS NOT IMPEDED BY FURNITURE.

11. CLAUSE 5.14 - HOME AUTOMATION:

- a) USER INTERFACE, PROVIDE MINIMUM 200LX WHERE READING IS NECESSARY.

12. CLAUSE 5.16 - ALERT & SIGNAL DEVICES:

- a) EMERGENCY ALERT AND SIGNAL DEVICES SHALL BE EQUIPPED TO PROVIDE BOTH VISUAL AND AUDIBLE SIGNALS.

ELECTRICAL SYMBOL LEGEND

NOTE: SOME SYMBOL REFERENCES MAY NOT BE PART OF THIS PROJECT

LIGHTING

|  |                                             |  |                                        |
|--|---------------------------------------------|--|----------------------------------------|
|  | LINE VOLTAGE SWITCH                         |  | RECESSED MOUNTED LIGHT FIXTURE         |
|  | WALL MOUNT OCCUPANCY SENSOR SWITCH          |  | SURFACE MOUNTED LIGHT FIXTURE          |
|  | CEILING MOUNT OCCUPANCY SENSOR              |  | SUSPENDED LIGHT FIXTURE                |
|  | LOW VOLTAGE SWITCH, # INDICATES BUTTONS     |  | STRIP LIGHT FIXTURE                    |
|  | CEILING MOUNT EXIT SIGN, LINE DENOTES FACE  |  | WALL MOUNTED LINEAR LIGHT FIXTURE      |
|  | WALL MOUNT EXIT SIGN, LINE DENOTES FACE     |  | WALL MOUNTED LIGHT FIXTURE             |
|  | EXIT SIGN C/W EMERGENCY HEADS               |  | SURFACE MOUNTED LIGHT FIXTURE          |
|  | REMOTE EMERGENCY HEADS                      |  | RECESSED DOWNLIGHT                     |
|  | BATTERY PACK C/W EMERGENCY HEADS            |  | PENDANT MOUNT LIGHT FIXTURE            |
|  | HATCH INDICATES EMERGENCY FIXTURE           |  | TRACK LIGHT, NO. OF HEADS AS PER PLANS |
|  | FIXTURE TYPEMARKER                          |  | STRIP LIGHT FIXTURE                    |
|  | CCT SWITCH ID / LIGHTING CONTROL ZONE       |  | ILLUMINATED BOLLARD                    |
|  | 900 AFF MOUNTING HEIGHT / SUSPENSION LENGTH |  | POLE MOUNTED LIGHT FIXTURE             |

LIGHTING SYMBOL ANNOTATIONS:

|     |                          |     |                                       |
|-----|--------------------------|-----|---------------------------------------|
| PEC | PHOTOELECTRIC CELL       | D   | DIMMER                                |
| TC  | TIMELOCK                 | DT  | DUAL TECHNOLOGY                       |
| NL  | NIGHTLIGHT (UN-SWITCHED) | VAC | VACANCY SENSOR (MANUAL ON, AUTO OFF)  |
| 3   | 3-WAY                    | EM  | FIXTURE POWERED FROM EMERGENCY SOURCE |
| LV  | LOW VOLTAGE              | EM# | EMERGENCY BATTERY PACK I.D.           |

POWER

|  |                             |  |                         |
|--|-----------------------------|--|-------------------------|
|  | DUPLEX RECEPTACLE           |  | SPECIAL RECEPTACLE      |
|  | QUAD RECEPTACLE             |  | JUNCTION BOX            |
|  | GFI RECEPTACLE              |  | PAC POLE                |
|  | SPLIT FED RECEPTACLE        |  | MOTOR                   |
|  | HALF SWITCHED RECEPTACLE    |  | DISCONNECT SWITCH       |
|  | ISOLATED GROUND RECEPTACLE  |  | MAGNETIC STARTER / VFD  |
|  | PEDESTAL MOUNTED RECEPTACLE |  | SURGE PROTECTION DEVICE |

POWER SYMBOL ANNOTATIONS:

|    |              |    |                  |
|----|--------------|----|------------------|
| T  | T-SLOT (20A) | TR | TAMPER RESISTANT |
| WP | WEATHERPROOF | U  | USB CHARGER      |

DISTRIBUTION

|  |                             |  |                     |
|--|-----------------------------|--|---------------------|
|  | SURFACE MOUNTED PANELBOARD  |  | UTILITY METER STACK |
|  | RECESSED MOUNTED PANELBOARD |  | UTILITY METER       |
|  | COMMUNICATIONS BACKBOARD    |  | GROUND BAR          |
|  | LOW TENSION PANEL / CABINET |  | TRANSFORMER         |

DISTRIBUTION SYMBOL ANNOTATIONS:

|     |                            |      |                          |
|-----|----------------------------|------|--------------------------|
| MDP | MAIN DISTRIBUTION PANEL    | LVRC | LOW VOLTAGE RELAY PANEL  |
| CDP | CENTRAL DISTRIBUTION PANEL | CB   | COMMUNICATIONS BACKBOARD |
| MCC | MOTOR CONTROL CENTER       | TX   | TRANSFORMER              |

LOW TENSION

|  |                                   |  |                                    |
|--|-----------------------------------|--|------------------------------------|
|  | DATA NETWORK JACK                 |  | WIRELESS ACCESS POINT              |
|  | TELEPHONE JACK                    |  | PROVIDE DATA DROP IN CEILING SPACE |
|  | COMBINATION TELEPHONE / DATA JACK |  | PUSHBUTTON                         |
|  | TELEVISION COAX OUTLET            |  | UP / DOWN / STOP PUSHBUTTON        |
|  | HDMI OUTLET                       |  | CEILING MOUNTED SPEAKER            |
|  | DOORBELL BUZZER / DOORBELL CHIME  |  | WALL MOUNTED SPEAKER               |
|  | THERMOSTAT                        |  | CO <sub>2</sub> / NO SENSORS       |

LOW TENSION SYMBOL ANNOTATIONS:

# NUMBER INDICATES QUANTITY OF CABLES / DROPS AT EACH LOCATION

FIRE ALARM

|  |                                |  |                                         |
|--|--------------------------------|--|-----------------------------------------|
|  | HORN                           |  | HEAT DETECTOR - FIXED TEMPERATURE       |
|  | HORN STROBE                    |  | HEAT DETECTOR - RATE OF RISE            |
|  | STROBE                         |  | SMOKE DETECTOR                          |
|  | MANUAL STATION                 |  | SMOKE ALARM (120V)                      |
|  | SPEAKER                        |  | SMOKE ALARM CO <sub>2</sub> COMBINATION |
|  | SPEAKER STROBE                 |  | END OF LINE RESISTOR                    |
|  | ELECTROMAGNETIC DOOR HOLD OPEN |  | FIRE ALARM MODULE                       |
|  | FIRE ALARM PANEL               |  | FIRE PHONE                              |

FIRE ALARM SYMBOL ANNOTATIONS:

|      |                              |    |                   |
|------|------------------------------|----|-------------------|
| #    | CANDELABRATING FOR STROBE    | MM | MONITORING MODULE |
| FACP | FIRE ALARM CONTROL PANEL     | CM | CONTROL MODULE    |
| FAAP | FIRE ALARM ANNUNCIATOR PANEL | FS | FLOW SWITCH       |
| IM   | ISOLATOR MODULE              | TS | TAMPER SWITCH     |

SECURITY

|  |                        |  |                               |
|--|------------------------|--|-------------------------------|
|  | MOTION SENSOR          |  | SECURITY DEVICE               |
|  | VISUAL INDICATOR LIGHT |  | SECURITY CAMERA (CAT6 OUTLET) |

SECURITY SYMBOL ANNOTATIONS:

|     |                                     |    |                   |
|-----|-------------------------------------|----|-------------------|
| CR  | CARD READER                         | KP | KEY PAD           |
| ES  | ELECTRIC STRIKE                     | GB | GLASS BREAK       |
| DC  | DOOR CONTACT / DOOR POSITION SWITCH | ML | MAGNETIC LOCK     |
| RTX | REQUEST TO EXIT                     | EC | ELECTRONIC CLOSER |

ANNOTATIONS

|  |                                                                |  |                                                              |
|--|----------------------------------------------------------------|--|--------------------------------------------------------------|
|  | UNDERGROUND / UNDERSLAB CONDUIT                                |  | KEY NOTE                                                     |
|  | OVERHEAD / SURFACE MOUNT CONDUIT                               |  | DOT ABOVE ANY SYMBOL INDICATES ABOVE COUNTER MOUNTING HEIGHT |
|  | CONDUIT STUB                                                   |  | SQUARE AROUND ANY SYMBOL INDICATES FLOOR MOUNT DEVICE        |
|  | DRAWING REFERENCE                                              |  | CIRCLE AROUND ANY SYMBOL INDICATES CEILING MOUNT DEVICE      |
|  | SECTION REFERENCE                                              |  |                                                              |
|  | SINGLE LINE DIAGRAM WIRE TAG, Y = WYE, D = DELTA CONFIGURATION |  |                                                              |

ELECTRICAL SHEET LIST

| NO.  | SHEET NAME                                       |
|------|--------------------------------------------------|
| E100 | AB ACCESSORY DWELLING UNIT 02 - COVER PAGE       |
| E200 | AB ACCESSORY DWELLING UNIT 02 - ELECTRICAL PLANS |
| E300 | AB ACCESSORY DWELLING UNIT 02 - DETAILS          |
| E400 | AB ACCESSORY DWELLING UNIT 02 - SPECIFICATION    |



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| 1 | 03/26/25 | ISSUED AS PROTOTYPICAL DRAWING |

| NO. | DATE | DESCRIPTION |
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PROJECT:

CMHC HOUSING CATALOGUE

ALBERTA, CANADA

NOT FOR PERMIT OR CONSTRUCTION

SHEET TITLE:

AB ACCESSORY DWELLING UNIT 02 - COVER PAGE

PROJECT NO: 241058

SCALE: 1 : 1

SHEET NO:

E100



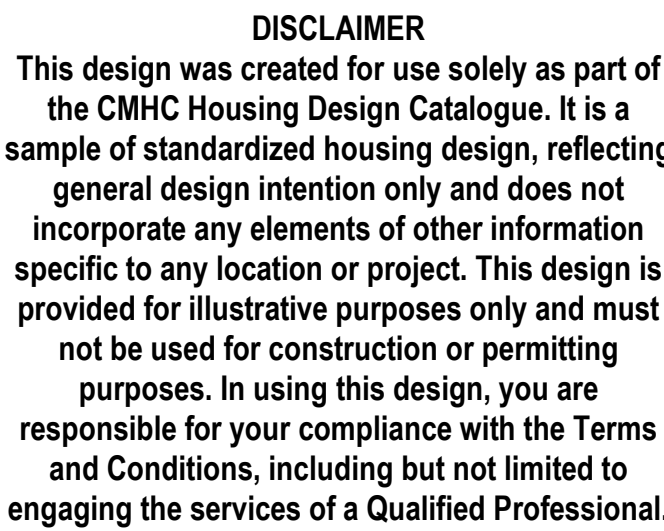
- 1 PROVIDE ARC FAULT BREAKERS FOR ALL RECEPTACLES IN RESIDENTIAL SUITES IN ACCORDANCE WITH CEC 26-608.
- 2 PROVIDE TAMPER RESISTANT RECEPTACLES IN EACH SUITE TO CEC 26-706.
- 3 PROVIDE GROUND FAULT CIRCUIT INTERRUPTION FOR RECEPTACLES WITHIN 1.5m OF ANY SINK OR WASHBASIN AND FOR EXTERIOR PATIOS
- 4 TO PREVENT SOUND TRANSMISSION BETWEEN ROOMS, PROVIDE HORIZONTAL SEPARATION OF AT LEAST 1 STUD JOIST SPACE FOR RECESSED WALL JUNCTION BOXES IN SUITE WALLS (THE JUNCTION BOXES ARE INSTALLED ON EITHER SIDE OF THE WALL.
- 5 PROVIDE MOLDABLE FIRE RESISTANT PUTTY PADS (3M FIRE BARRIER OR EQUAL) IN SUITE PARTY WALLS WHEN JUNCTION BOXES ARE INSTALLED WITHIN THE SAME STUD SPACE ON EITHER SIDE OF THE WALL, WHERE PRACTICAL. EFFORT SHOULD BE MADE TO AVOID PLACING JUNCTION BOXES IN THE SAME STUD SPACE. CONFIRM WITH ENGINEER.
- 6 PROVIDE RECEPTACLES IN SUITES WITH APPROPRIATE SPACING IN ACCORDANCE WITH SECTION 26 OF THE CEC WHERE SHOWN CORRECTLY ON THE DRAWINGS OR NOT. ALLOW FOR ADDITIONAL RECEPTACLES AS REQUIRED. NO EXTRAS WILL BE PERMITTED FOR NOT COMPLYING WITH CEC SPACING REQUIREMENTS.
- 7 PROVIDE SWITCHES FOR BEDROOMS, KITCHENS, LIVING ROOMS, UTILITY ROOMS, DINING ROOMS, HALLWAYS, BATHS, HALLWAYS, STORAGE ROOMS, FRONT ENTRY, BALCONY ON THE LATCH SIDE OF THE DOOR. CONFIRM DOOR SWINGS ON SITE PRIOR TO ROUGH IN. INSTALL WITHIN 50mm OF THE DOOR. PROVIDE ADDITIONAL BLOCKING IF REQUIRED.
- 8 BALCONY LIGHT FIXTURES TO BE ALIGNED IN A VERTICAL LINE BETWEEN FLOORS. FROM GROUND FLOOR TO HIGHEST FLOOR IF POSSIBLE. REFER TO ARCHITECTURAL ELEVATIONS.
- 9 ALL SUITE LIGHT SWITCHES AND RECEPTACLES TO BE DECORA STYLE, RESIDENTIAL, GRADE.
- 10 REVIEW LATEST MECHANICAL ENGINEERS PLANS FOR THERMOSTAT AND HUMIDISTAT LOCATIONS. REFER TO SPECIFICATIONS.
- 11 REFER TO LATEST MECHANICAL ENGINEERS PLANS FOR VENTILATION EQUIPMENT OR HEATING/COOLING ELECTRICAL REQUIREMENTS (FURNACES, FAN COILS, CONDENSING UNITS, RADIATOR ZONE VALVES ETC). CONNECT ALL MECHANICAL HEATING/COOLING EQUIPMENT. CONTACT ENGINEER IF DISCREPANCIES EXIST.
- 12 CONFIRM EXACT PLACEMENT OF LIGHT FIXTURES WITH OWNER.
- 13 PROVIDE SUITE PLANT RECEPTACLES NEAR THE MAIN ENTRY CONNECTION IF POSSIBLE. COORDINATE WITH OWNER FOR TRAILER AND RELOCATE IF REQUIRED.
- 14 ALL SUITE TELEPHONE AND DATA JACKS TO BE CAT5 TO ALLOW FOR PATCHING FOR USE AS EITHER TELEPHONE OR DATA.

|      |                                                                                                                                                                                                                                                                                                                             |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2.1  | SUITE PANEL: PANEL TO BE FLUSH MOUNTED C/W HUNG SMOOTH COVER.                                                                                                                                                                                                                                                               |
| 2.2  | SUITE COMMUNICATION CABINET, SUPPLIED BY UTILITY, INSTALLED BY ELECTRICAL CONTRACTOR C/W HUNG SMOOTH COVER. INCLUDE NETWORK PATCH PANEL MODULE, 6 PORT VOICE/DATA MODULE, CAT5/UTP PATCHER, TELEPHONE MODULE AND RECEPTACLE. HOW RUN TELEPHONE, DATA AND CATCH WIRING TO THIS LOCATION.                                     |
| 2.3  | SMOKE/ALARM - PROVIDE AND INSTALL 120V DETECTOR C/W BATTERY BACKUP AND MANUAL SILENCE BUTTON. WHERE MULTIPLE ALARMS ARE SHOWN WITHIN EACH SUITE, INTERLOCK SUCH THAT ALL UNITS WILL ALARM TOGETHER.                                                                                                                         |
| 2.4  | SMOKE ALARMS - PROVIDE AND INSTALL A 120V C/W BATTERY BACK UP. WHERE MULTIPLE ALARMS ARE SHOWN WITHIN EACH SUITE, INTERLOCK SUCH THAT ALL DEVICES WILL ALARM TOGETHER. INCLUDE 24V/200V LINE TO ALARM BATTERY TO BE TYPE "A", ALL SUITE SMOKE ALARMS AND OR CO DETECTORS TO BE WIRED WITH DEVICES ON NON ARCH FALC CIRCUIT. |
| 2.5  | RANGE: PROVIDE AND INSTALL 40A, 240V (OR 208V), 1 PHASE RECEPTACLE AT MAXIMUM 130mm AFF TO CENTER OF BOX.                                                                                                                                                                                                                   |
| 2.6  | FAN/HOOD: PROVIDE INSTALLATION OF RANGE HOOD FAN & LIGHTS.                                                                                                                                                                                                                                                                  |
| 2.7  | DISHWASHER - PROVIDE ELEVATED INSTALLATION FOR A DISHWASHER. COORDINATE INSTALLATION WITH APPLIANCE SUPPLIER.                                                                                                                                                                                                               |
| 2.8  | REFRIGERATOR: PROVIDE DESIGNATED RECEPTACLE.                                                                                                                                                                                                                                                                                |
| 2.9  | WASHING MACHINE - PROVIDE DESIGNATED 120V CIRCUIT FOR CLOTHES WASHER.                                                                                                                                                                                                                                                       |
| 2.10 | DRYER - PROVIDE AND INSTALL 30A, 240V (OR 208V), 1 PHASE RECEPTACLE.                                                                                                                                                                                                                                                        |
| 2.11 | CHIME - PROVIDE ROUGH IN FOR A DOOR CHIME NETWORK LATH/IN. PROVIDE ALL WIRING AND ACCESSORIES FOR COMPLETE OPERATION INCLUDING (BUT NOT LIMITED TO) 16V TRANSFORMER, WHITE LIGHTED PUSHBUTTONS) ETC.                                                                                                                        |
| 2.12 | CHIMES (CHIME) - PROVIDE ROUGH IN FOR A DOOR CHIME NETWORK LATH/IN. PROVIDE ALL WIRING AND ACCESSORIES FOR COMPLETE OPERATION INCLUDING (BUT NOT LIMITED TO) 16V TRANSFORMER, WHITE LIGHTED EXTERIOR DOOR PUSHBUTTON.                                                                                                       |
| 2.13 | CONFIRM WITH GARAGE DOOR SHOP DRAWINGS IF PUSHBUTTON IS HARDWIRED OR BATTERY POWERED. NO INFRASTRUCTURE IS REQUIRED FOR BATTERY POWERED.                                                                                                                                                                                    |
| 2.14 | WIRE AND CONNECT CHAIN DRIVE GARAGE OPENER AS REQUIRED. ALLOW FOR LOW VOLTAGE WIRING TO SENSORS, PUSH BUTTONS AND/OR KEYPADS AS REQUIRED. COORDINATE POWER/CONTROL REQUIREMENTS WITH EQUIPMENT MANUFACTURERS PRIOR TO ROUGH-INS.                                                                                            |

| TYPICAL SUITE PANEL |      |     |     |      |             |  |
|---------------------|------|-----|-----|------|-------------|--|
| DESCRIPTION         | BRKR | CCT | CCT | BRKR | DESCRIPTION |  |
| LIGHTING & POWER    | 15A  | 1   | 2   |      |             |  |
| LIGHTING & POWER    | 15A  | 3   | 4   | 40A  | RANGE       |  |
| LIGHTING & POWER    | 15A  | 5   | 6   |      |             |  |
| LIGHTING & POWER    | 15A  | 7   | 8   | 30A  | DRYER       |  |
| LIGHTING & POWER    | 15A  | 9   | 10  | 15A  | WASHER      |  |
| KITCHEN             | 20A  | 11  | 12  |      |             |  |
| KITCHEN             | 20A  | 13  | 14  | 20A  | ERV-1       |  |
| KITCHEN             | 20A  | 15  | 16  |      |             |  |
| MICROWAVE           | 15A  | 17  | 18  | 20A  | CU-1        |  |
| DISHWASHER          | 15A  | 19  | 20  | 15A  | FN-1        |  |
| FRIDGE              | 15A  | 21  | 22  | 15A  | DWH-1       |  |
|                     | 15A  | 23  | 24  | 15A  | EBB-1       |  |
|                     | 15A  | 25  | 26  | 15A  | EBB-2       |  |
|                     | 15A  | 27  | 28  | 15A  |             |  |
|                     | 15A  | 29  | 30  | 15A  |             |  |
|                     | 15A  | 31  | 32  | 15A  |             |  |
|                     | 15A  | 33  | 34  | 15A  |             |  |
| SPARE               | 15A  | 35  | 36  | 15A  | SPARE       |  |
| SPARE               | 15A  | 37  | 38  | 15A  | SPARE       |  |
| SPARE               | 15A  | 39  | 40  | 15A  | SPARE       |  |
| SPARE               | 15A  | 41  | 42  | 15A  | SPARE       |  |

NOTES:

- DO NOT EXCEED 10 DEVICES PER CIRCUIT.
- REFER TO MICH SHOP DRAWINGS OR LATEST PLANS FOR ELECTRICAL REQUIREMENTS OF HVAC & AC EQUIPMENT.
- PANEL TO BE 24 CCT (48 MINI BREAKERS) EQUIPPED WITH 100A RATED BUS, 1PHASE 120/240V.
- PROVIDE ARC FAULT BREAKERS FOR ALL RECEPTACLES IN RESIDENTIAL SUITES IN ACCORDANCE WITH NEC 26-658.

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| NO. | DATE | DESCRIPTION |
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PROJECT:  
CMHC HOUSING  
CATALOGUE

ALBERTA, CANADA

NOT FOR PERMIT  
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SHEET TITLE:

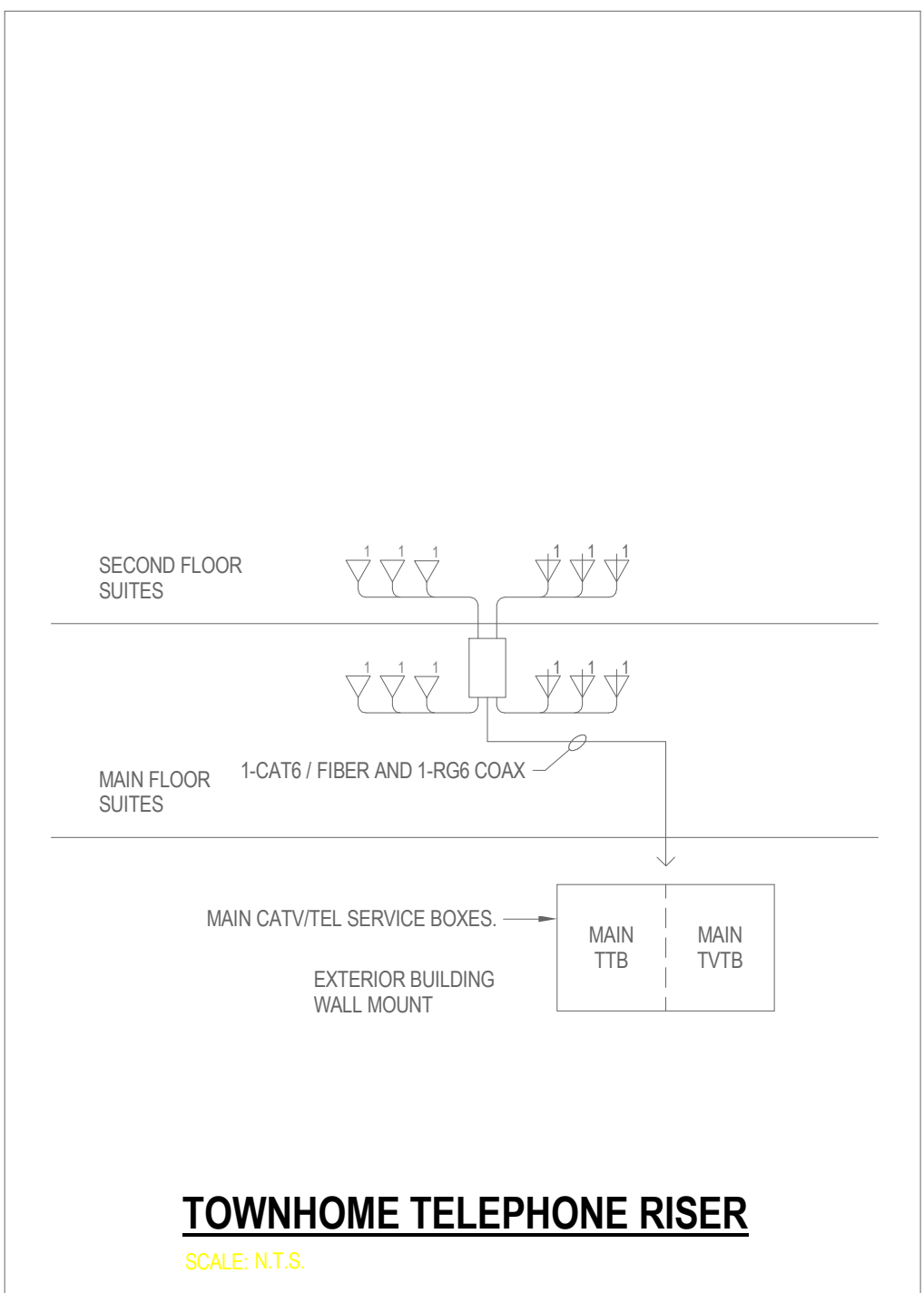
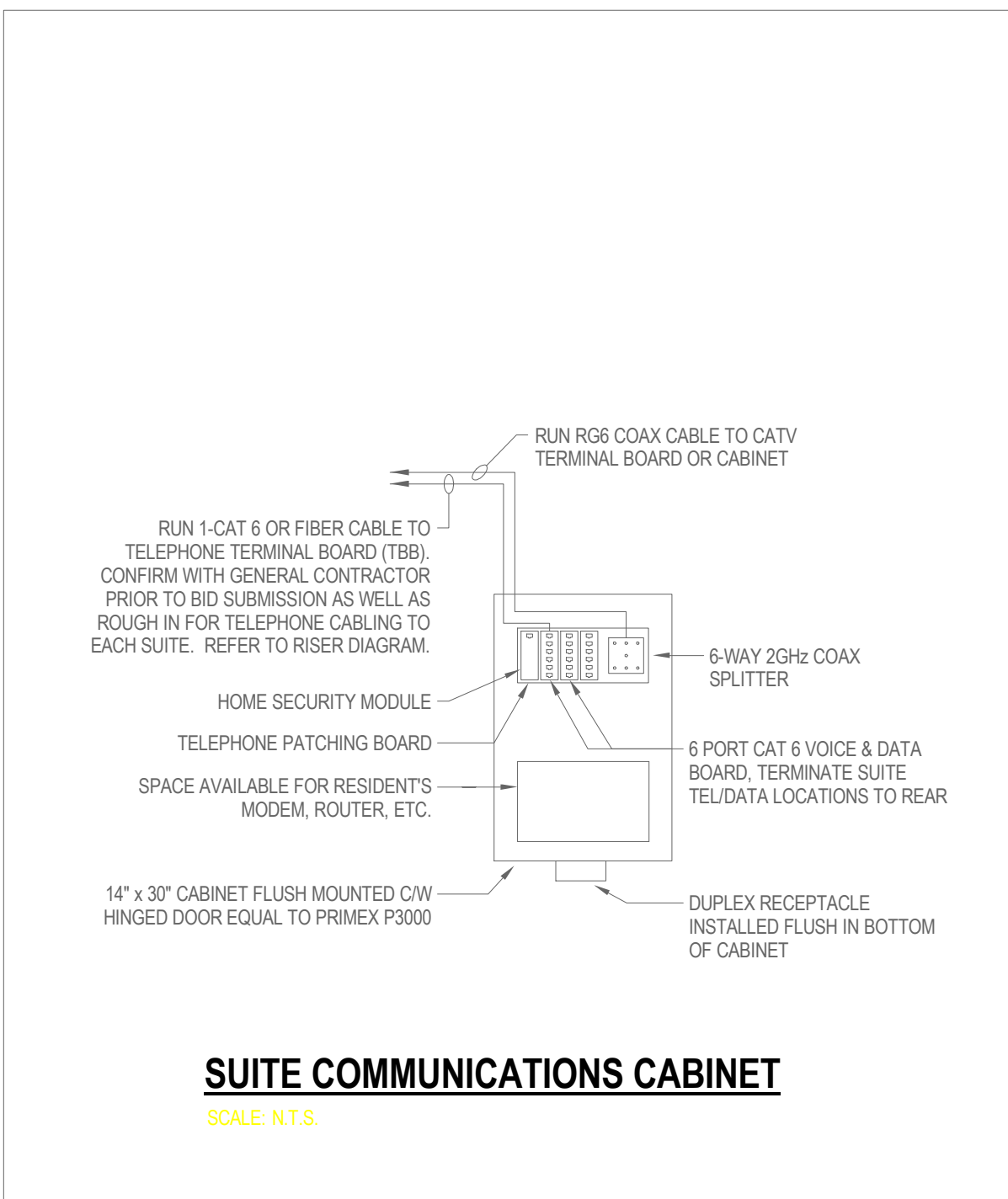
AB ACCESSORY  
DWELLING UNIT 02 -  
ELECTRICAL PLANS

PROJECT NO: 241058  
SCALE: As indicated

SHEET NO:

# E200

| LIGHTING FIXTURE SCHEDULE                                                                                                                                                                                                                                                                   |               |               |         |         |                |               |                                                                                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|---------------|---------|---------|----------------|---------------|-----------------------------------------------------------------------------------------------|
| NOTES:<br>EQUIVALENT FIXTURES ARE ACCEPTABLE UPON APPROVAL OF ENGINEER AND INTERIOR DESIGNER.<br>REFER TO ARCHITECTURAL EXTERIOR ELEVATIONS FOR EXACT FIXTURE LOCATIONS AND MOUNTING HEIGHTS.<br>LIGHT FIXTURES AND LAMPS TO HAVE A COLOR TEMPERATURE OF 3500-4000K UNLESS NOTED OTHERWISE. |               |               |         |         |                |               |                                                                                               |
| TYPE                                                                                                                                                                                                                                                                                        | MANUFACTURER  | MODEL NUMBER  | VOLTAGE | WATTAGE | LAMP           | MOUNTING      | DESCRIPTION                                                                                   |
| EXTERIOR                                                                                                                                                                                                                                                                                    |               |               |         |         |                |               |                                                                                               |
| SK1                                                                                                                                                                                                                                                                                         | BY CONTRACTOR | BY CONTRACTOR | 120 V   | 10 VA   | 784 LUMEN LED  | RECESSED      | 4" LED WET LISTED DOWNLIGHT, PHASE DIMMABLE SPRING CLIP MOUNTED C/W UNIVERSAL MOUNTING PLATE. |
| SK2                                                                                                                                                                                                                                                                                         | BY CONTRACTOR | BY CONTRACTOR | 120 V   | 23 VA   | 2983 LUMEN LED | WALL MOUNT    | DECORATIVE WALL SCONCE - ABOVE GARAGE DOOR.                                                   |
| INTERIOR                                                                                                                                                                                                                                                                                    |               |               |         |         |                |               |                                                                                               |
| 100                                                                                                                                                                                                                                                                                         | BY CONTRACTOR | BY CONTRACTOR | 120 V   | 0 VA    | - LUMEN LED    | WALL MOUNTED  | 4" LINEAR WALL MOUNT                                                                          |
| S1                                                                                                                                                                                                                                                                                          | BY CONTRACTOR | BY CONTRACTOR | 120 V   | 21 VA   | 1815 LUMEN LED | SURFACE MOUNT | 13" DIAMETER, WHITE FINISH, DIMMING                                                           |
| S2                                                                                                                                                                                                                                                                                          | BY CONTRACTOR | BY CONTRACTOR | 120 V   | 15 VA   | 1300 LUMEN LED | SURFACE MOUNT | 10" DIAMETER, WHITE FINISH, DIMMING                                                           |
| S3                                                                                                                                                                                                                                                                                          | BY CONTRACTOR | BY CONTRACTOR | 120 V   | 10 VA   | 784 LUMEN LED  | RECESSED      | 4" LED WET LISTED DOWNLIGHT, PHASE DIMMABLE SPRING CLIP MOUNTED C/W UNIVERSAL MOUNTING PLATE. |
| S4                                                                                                                                                                                                                                                                                          | BY CONTRACTOR | BY CONTRACTOR | 120 V   | 30 VA   | - LUMEN LED    | WALL MOUNT    | WALL MOUNT VANITY, TRIAC DIMMABLE, 3MED BASE E26 SCREW-IN LAMPS.                              |
| S5                                                                                                                                                                                                                                                                                          | BY CONTRACTOR | BY CONTRACTOR | 120 V   | 10 VA   | 660 LUMEN LED  | RECESSED      | 4" RECESSED LED OPEN DOWNLIGHT - REGRESSED BAFFLE, SPRING CLIP C/W UNIVERSAL MOUNTING PLATE   |



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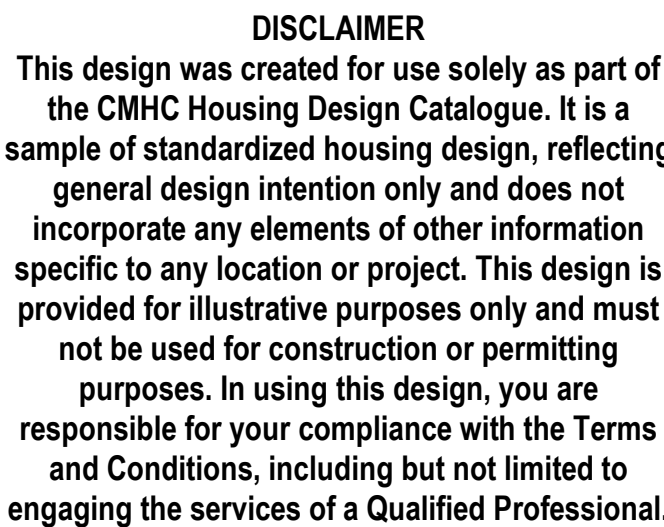
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CMHC HOUSING  
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## AB ACCESSORY DWELLING UNIT 02 - DETAILS

# E300



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5. Identify all neocapsule coverplates with clear self-adhesive Wylar tape with black lettering indicating panel and circuit number (i.e. X25). Alternatively coverplates can be mechanically engraved.

6. Identify all neocapsule coverplates with clear self-adhesive Wylar tape with black lettering indicating panel and circuit number (i.e. X25). Alternatively coverplates can be mechanically engraved.

7. Identification of Panels and Junction Boxes

a. Each panel, junction box and junction box cover shall be colour coded by system type using:

|                                                                                  |        |
|----------------------------------------------------------------------------------|--------|
| A. Voltage colour identification for line voltage equipment shall be as follows: |        |
| a. 120/208 V or 120/240 V                                                        | Grey   |
| B. 277/480 V                                                                     | Maroon |
| C. 347/600 V                                                                     | Sand   |
| D. High voltage (above 750 V)                                                    | Orange |

b. System colour identification for low voltage systems equipment shall be as follows:

|                                |        |                          |       |
|--------------------------------|--------|--------------------------|-------|
| a. Fire Alarm / Fire Telephone | Red    | e. Intercom              | Green |
| b. Security/CCTV               | Yellow | f. LV Emergency Lighting | Pink  |
| c. Data / Telephone / Wiring   | Green  | g. Low Voltage Switching | Black |
| d. Access Control              | Yellow | h. Nurse Call            | Green |

8. Conductors to be colour coded per following schedules for 120V and above:

|                      |       |
|----------------------|-------|
| Phase A <sup>1</sup> | Red   |
| Phase B <sup>1</sup> | Black |
| Phase C <sup>1</sup> | Blue  |
| Neutral              | White |
| Ground               | Green |

6. Provide 2 pole sensor when 2 unique circuits are connected to the sensor as indicated on drawings.
7. Adjustable operating time delay of 30 seconds (manual-on) or occupancy (auto-on). Set operating time to occupancy during installation unless otherwise noted.
8. Adjustable time delay of 30 seconds to 30 minutes. Set time adjustment to 15 minutes during installation.
9. Adjustable sensitivity.
10. Acceptable manufacturers: Leviton, Watt Stopper, Eaton, Eaton. Sensor switch or approved equivalent.
11. Cover Plates
12. Surface mounted devices shall be fitted with a wall, standard size cover, with rolled edges in service rooms.
13. Weatherproof in-use covers shall be equal to Hubbell low profile, extra-duty, NEMA-50 series.
14. All flush switches and receptacles shall be fitted with gasketed cover, nylon commercial grade covers with colour to match device. Covers shall have beveled edge. Covers shall fit tight to the wall and to the wiring devices.
17. Mounting heights
18. Unless otherwise noted, or if there are conflicts, devices shall be installed above finished floor as per Typical Mounting Heights detail on drawings.
19. In locations where barrier free access is required, use ADA compliant or other approved mounting heights.
20. Barrier free access pass thru locations to be coordinated with the Architect. Refer to architectural drawings for locations. Provide 120V, 15A power to each operator. Utilize emergency power if available.

D. All cabling, connectors, plates and terminations shall be the responsibility of the electrical contractor.

E. All connectors shall be of a one piece construction and attached via a compression, hex crimp, for a permanent connection.

F. All passive equipment, couplers, splitters etc. shall pass 5 - 1000 MHz or greater transmission.

4. Installation

A. All cabling to TV outlets shown on the drawings to be "home-run" back to main service or sub-panel distribution.

B. For residential, apartment or hotel suites, provide minimum 1 home run cable back to main service from each suite and individual cables out to each outlet via a sub-panel distribution.

C. All cabling to outlets shown on drawings to be "home-run" back to main service or sub-panel distribution.

D. All cabling to be installed in conduit unless otherwise stated on the drawings or permitted by the engineer.

E. All wiring to be done in accordance with the National Electrical Code. All conduits installed in plenum space must meet the same rating.

F. Refer to the electrical drawings for television system layout and details.

PROJECT:

CMHC HOUSING  
CATALOGUE

SHEET TITLE:

AB ACCESSORY  
DWELLING UNIT 02 -  
SPECIFICATION

SHEET NO:

# E400