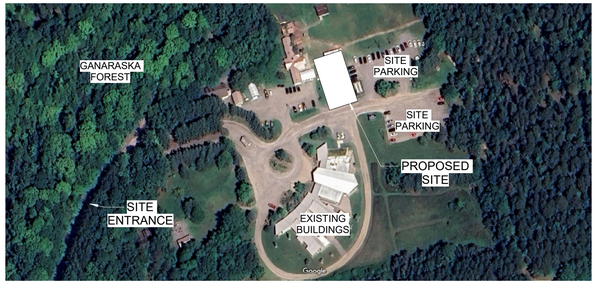
SITE CONTEXT/ KEYPLAN



GENERAL NOTES

- ALL WORK TO BE IN ACCORDANCE WITH THE ONTARIO BUILDING CODE, LATEST EDITION AND AODA REGULATIONS WHERE NOTED.

- ENSURE CONSTRUCTION PROCEEDS EFFICIENTLY & IN A TIMELY MANNER.

- CHECK & VERIFY ALL DIMENSIONS, DRAWINGS & SPECIFICATIONS ON SITE. REPORT ANY DISCREPANCIES TO DESIGN TEAM BEFORE PROCEEDING WITH WORK. ALL DIMENSIONS ARE FOR REFERENCE ONLY, SITE VERIFY PRIOR TO CONSTRUCTIONS.

- CONFIRM EXACT LOCATION OF ALL BELLOW-GROUND SERVICES WITH RESPECTIVE UTILITIES & AUTHORITIES HAVING JURISDICTION, PRIOR TO COMMENCING EXCAVATION.

- THE CONTRACTOR SHALL REPAIR ALL FINISHES DISTURBED DURING THE ELECTRICAL UPGRADES AND REWIRING.

- CONSULTANT TO REVIEW PRIOR TO INSTALLATION OF CEILING AND WALLBOARD.

CONSTRUCTION ASSEMBLY NOTES

1. ASSEMBLY CONSTRUCTIONS ARE PROVIDED FOR DESCRIPTIVE PURPOSES ONLY. ALL FIRE RESISTANT ASSEMBLIES MUST COMPLY FULLY WITH REQUIREMENTS LISTED UNDER SPECIFIC ULC DESIGN No. IN THE UNDERWRITERS' LABORATORIES OF CANADA LIST OF EQUIPMENT AND MATERIALS, FIRE RESISTANCE, 2004 EDITION (ULC) OR THE SPECIFIC DESIGN IN THE SUPPLEMENTARY GUIDELINES TO THE ONTARIO BUILDING CODE (LATEST EDITION).

2. CONTRACTOR IS RESPONSIBLE TO COORDINATE THE LOCATION OF ALL FIRE SEPARATIONS WITH THE CONTRACT DOCUMENTS. ENSURE THAT ALL RATINGS ARE CONTINUOUS AND MAINTAINED FOR THE ENTIRE SEPARATION AND AT ALL PENETRATIONS.

3. SEE DRAWINGS FOR SPECIFIC PARTITION DETAILS

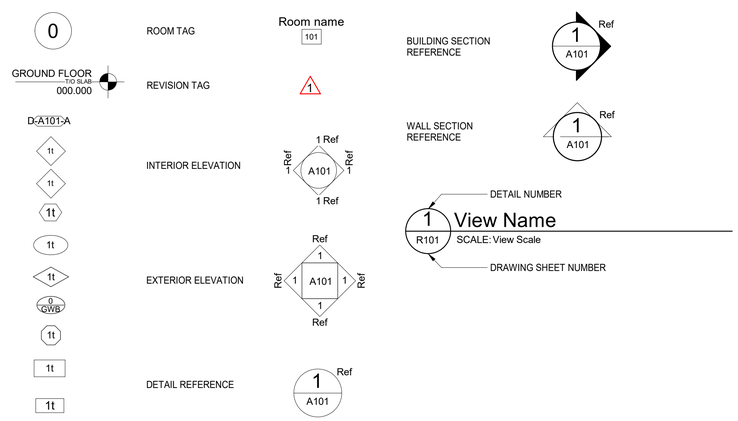
4. IF CONTRACTOR CHOOSES A DIFFERENT PRODUCT THAN INDICATED ON THE ULC LISTING ON THIS SCHEDULE IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO SUBMIT AN ALTERNATIVE APPROPRIATE ULC LISTING FOR REVIEW AND APPROVAL AND TO COMPLY WITH ALL REQUIREMENTS OF THAT LISTING.

5. IF THE ULC LISTINGS CITED SHOW THE MINIMUM REQUIREMENTS TO ACHIEVE THE FIRE LISTING SHOWN. ADDITIONAL REQUIREMENTS SHOWN ON THE ASSEMBLIES SCHEDULE WHICH ARE OVER AND BEYOND WHAT IS LISTED ON THE ULC LISTING ARE ALSO TO BE PROVIDED. EXAMPLES MAY INCLUDE INCREASED STUD SIZE, ADDITIONAL LAYERS OF GWB, AND/OR INSULATION.

6. DEFLECTION TRACKS -PROVIDE DEFLECTION TRACKS WHERE STRUCTURAL INDICATES DEFLECTION AND DEFLECTION TRACKS (FIRE RATED) WHERE STRUCTURAL INDICATES DEFLECTION AT FIRE RATED PARTITIONS.

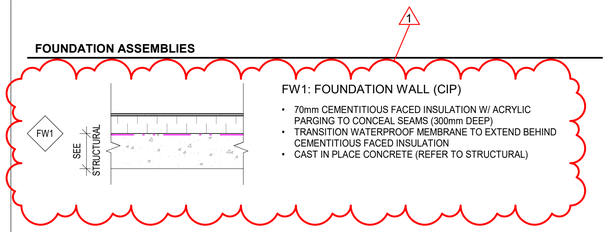
7. COORDINATE AND PROVIDE OPENINGS FOR ARCHITECTURAL, MECHANICAL, ELECTRICAL AND STRUCTURAL PENETRATIONS. ENSURE THE INTEGRITY OF FRAMED PARTITIONS.

SYMBOLS



CONSTRUCTION ASSEMBLIES LEGEND

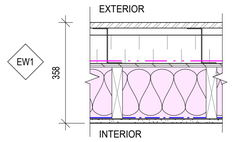
FOUNDATION ASSEMBLIES



FW1: FOUNDATION WALL (CIP)

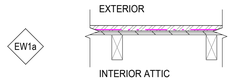
- 70mm CEMENTITIOUS FACED INSULATION W/ ACRYLIC PARGING TO CONCEAL SEAMS (300mm DEEP)
- TRANSITION WATERPROOF MEMBRANE TO EXTEND BEHIND CEMENTITIOUS FACED INSULATION
- CAST IN PLACE CONCRETE (REFER TO STRUCTURAL)

EXTERIOR WALL ASSEMBLIES



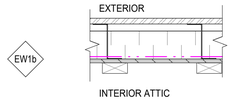
EW1: METAL SIDING

- HORIZONTAL METAL SIDING
- 25mm AIR SPACE
- 125mm VERTICAL Z-GIRTS @ 300mm o/c (VERTICALLY LINED UP WITH WOOD STUDS) W/ 100mm RIGID INSULATION
- AIR BARRIER
- 13mm PLYWOOD SHEATHING (REFER TO STRUCTURAL)
- 184mm WOOD STUD 300mm o/c MAX. (REFER TO STRUCTURAL) /W BATT INSULATION TO FILL CAVITY
- VAPOUR BARRIER
- 16mm GYPSUM BOARD



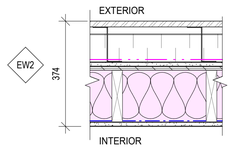
EW1a: METAL SIDING

- HORIZONTAL METAL SIDING
- AIR BARRIER
- 13mm PLYWOOD SHEATHING (REFER TO STRUCTURAL)
- PREFABRICATED WOOD TRUSS VERTICAL CHORD (REFER TO STRUCTURAL)



EW1b: METAL SIDING

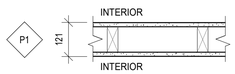
- HORIZONTAL METAL SIDING
- 25mm AIR SPACE
- 125mm VERTICAL Z-GIRTS @ 300mm o/c (PROVIDE VERTICAL BLOCKING IN TRUSS SPACE) W/ 100mm RIGID INSULATION
- AIR BARRIER
- 13mm PLYWOOD SHEATHING (REFER TO STRUCTURAL)
- PREFABRICATED WOOD TRUSS (REFER TO STRUCTURAL)



EW2: METAL SIDING (1 HR)
[Refer to OBC SB-2 Table] Table 2.3.4.A - Table 2.3.4.E

- HORIZONTAL METAL SIDING
- 25mm AIR SPACE
- 125mm VERTICAL Z-GIRTS @ 300mm o/c (VERTICALLY LINED UP WITH WOOD STUDS) W/ 100mm RIGID INSULATION
- AIR BARRIER
- 16mm FIBERGLASS FACED GYPSUM SHEATHING
- 13mm PLYWOOD SHEATHING (REFER TO STRUCTURAL)
- 184mm WOOD STUD 300mm o/c MAX. (REFER TO STRUCTURAL) /W BATT INSULATION TO FILL CAVITY
- VAPOUR BARRIER
- 16mm TYPE 'X' GYPSUM BOARD

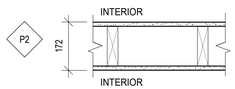
INTERIOR WALL ASSEMBLIES



P1: PARTITION WALL

- 16mm GYPSUM BOARD
- 38x89mm WOOD STUD, 300mm o/c MAX.
- 16mm GYPSUM BOARD

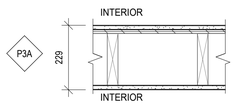
P1 NOTE: BATT INSULATION TO FILL CAVITY FOR SOUND ATTENUATION WHERE SHOWN ON PLAN



P2: PARTITION WALL

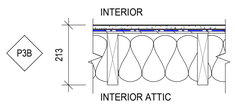
- 16mm GYPSUM BOARD
- 38x140mm WOOD STUD, 300mm o/c MAX.
- 16mm GYPSUM BOARD

P2 NOTE: BATT INSULATION TO FILL CAVITY FOR SOUND ATTENUATION WHERE SHOWN ON PLAN



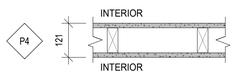
P3A: PARTITION WALL

- 16mm GYPSUM BOARD
- 13mm PLYWOOD
- 38x184mm WOOD STUD, 300mm o/c MAX. (REFER TO STRUCTURAL)
- 16mm GYPSUM BOARD



P3B: PARTITION WALL

- 16mm GYPSUM BOARD
- 13mm PLYWOOD
- VAPOUR BARRIER
- 38x184mm WOOD STUD 300mm o/c MAX. (REFER TO STRUCTURAL) /W 184mm BATT INSULATION TO FILL CAVITY



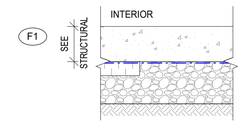
P4: PARTITION WALL
1HR FIRE-RATED ULC W301

- 16mm TYPE 'X' GYPSUM BOARD
- 38x89mm WOOD STUD, 300mm o/c
- 16mm TYPE 'X' GYPSUM BOARD

P4 NOTE: TOP OF WALL TO EXTEND TO UNDERSIDE OF ROOF SHEATHING AND FIRE STOP AROUND TRUSS MEMBERS PENETRATING THE WALL.

P4 NOTE: BATT INSULATION TO FILL CAVITY FOR SOUND ATTENUATION WHERE SHOWN ON PLAN

FLOOR ASSEMBLIES



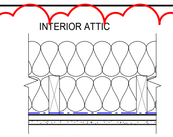
F1: FLOOR (SLAB ON GRADE)

- FINISH (REFER TO ROOM FINISH SCHEDULE)
- CAST IN PLACE CONCRETE (REFER TO STRUCTURAL)
- UNDERSLAB VAPOUR BARRIER
- 100mm UNDERSLAB RIGID INSULATION @ PERIMETER OF SOG (1220mm WIDTH FROM FOUNDATION WALL)
- GRANULAR-A FILL (REFER TO STRUCTURAL)

1

CEILING ASSEMBLIES

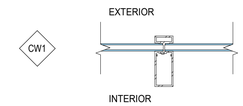
1



C1: CEILING

- PREFABRICATED WOOD TRUSS BOTTOM CHORD (REFER TO STRUCTURAL) /W 450mm BATT INSULATION TO FILL CAVITY
- VAPOUR BARRIER
- 19x64mm WOOD FURRING AT 300mm o/c
- 13mm GYPSUM BOARD

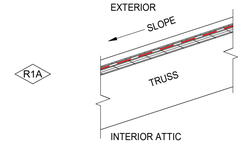
CURTAIN WALL ASSEMBLIES



CW1: STOREFRONT

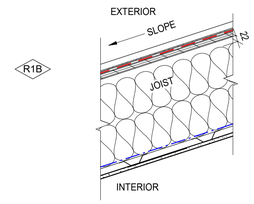
- 150mm EXTRUDED ALUMINUM CURTAIN WALL W/ DOUBLE PANE SEALED GLAZING

ROOF ASSEMBLIES



R1A: ROOF

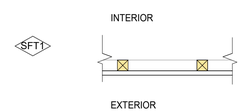
- METAL STANDING SEAM ROOFING
- WATERPROOF MEMBRANE
- 16mm T/G EXTERIOR GRADE ROOF SHEATHING (REFER TO STRUCTURAL)
- PREFABRICATED WOOD TRUSS (REFER TO STRUCTURAL)



R1B: ROOF

- METAL STANDING SEAM ROOFING
- WATERPROOF MEMBRANE
- 16mm T/G EXTERIOR GRADE ROOF SHEATHING (REFER TO STRUCTURAL)
- WOOD RAFTERS (REFER TO STRUCTURAL), W/ 22mm AIR SPACE AND 2 LAYERS OF 140mm BATT INSULATION
- VAPOUR BARRIER
- 22mm METAL FURRING CHANNEL
- 13mm GYPSUM BOARD (ALTERNATE DESIGN: WOOD SLAT CEILINGS)

SOFFIT ASSEMBLIES



SFT1: METAL SOFFIT

- 38x38mm EXTERIOR GRADE BATTEN SUPPORT
- METAL SOFFIT

NOTE: PROVIDE VENTED SOFFIT AS REQUIRED TO MEET VENTILATION REQUIREMENTS FOR THE I JOISTS AND TRUSSES.

No.	Date	Description	By
1	2026-08-06	ISSUED FOR ADDENDUM No. 01	S.A.
0	2026-07-30	ISSUED FOR TENDER	W.H.

STAMPS:

ARCHITECT:
C2 Architecture Inc.
415 Baseline Road West
Bowmanville, ON L1C 5M2
905.697.4464

CLIENT:

PROJECT NAME:
Ganaraska Forest Center - Auxiliary Building

SHEET TITLE:
GENERAL INFORMATION & CONSTRUCTION ASSEMBLIES

DISCIPLINE:
ARCHITECTURE

DRAFTER: M.M.	SCALE: AS NOTED
DESIGNER: M.M.	DATE: 2026-08-06
APPROVER: W.H.	CHECKER: S.A.
PROJECT No: Z0029853	DRAWING No: A001
SHEET No: 1 of 20	

TITLEBLOCK 24x36 VERT ENG
PRINT DATE:2026-08-07 7:20:41 PM
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