



TITLE AND DESCRIPTION OF PROJECT

BC-1372_UHN_DI_CT_64_Replacement

This Addendum forms part of the contract documents and is to be read, interpreted, and co-ordinated with all other parts. The cost of all contained herein is to be included in the contract sum. The following revisions supersede the information contained in the original drawings and specifications issued for the above-named project to the extent referenced and shall become part thereof. Acknowledge receipt of this Addendum by inserting its number and date on the Tender Form. Failure to do so may subject the Bidder to disqualification.

QUESTIONS + **RESPONSES (in bold)**

- Q1. Query from Architectural Millwork: I'm just seeing the one cabinet and countertop? (A001/6 & 7) I can't seem to find specs for M1 and M2, **The specifications for M01 and M02 can be found in section 06 40 00, 2.4.1.1.4**
- Q2. Query from Door hardware supplier: Are there door & hardware specifications? **Hardware specifications can be found under 08 71 00, 3.9 and door specifications under the attached section 08 14 00.**

Attached:

1. Section 08 14 00

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Section 08 14 00

Wood Doors

Part 1 General

1.1 Related requirements

1. Section 08 71 00 - Door Hardware
2. Section 09 91 23 - Interior Painting

1.2 Reference standards

1. American National Standards Institute (ANSI)/Decorative Hardwoods Association (Previously Hardwood Plywood and Veneer Association (HPVA)):
 - 1.1. ANSI/HPVA HP-1- 2020, American National Standard for Hardwood and Decorative Plywood
2. American National Standards Institute (ANSI)/National Electrical Manufacturers Association (NEMA):
 - 2.1. ANSI/NEMA LD3- 2005, High-Pressure Decorative Laminates (HPDL)
3. American National Standards Institute (ANSI)/Window and Door Manufacturers Association (WDMA):
 - 3.1. ANSI/WDMA I.S. 1A- 21, Interior Architectural Wood Flush Doors
 - 3.2. ANSI/WDMA I.S. 6A- 13, Interior Architectural Wood Stile and Rail Doors
4. Architectural Woodwork Manufacturers Association of Canada (AWMAC) / Woodwork Institute (WI):
 - 4.1. North American Architectural Woodwork Standards (NAAWS), 4.0
5. ASTM International (ASTM):
 - 5.1. [ASTM E90- 09](#), Standard Test Method for Laboratory Measurement of Airborne Sound Transmission Loss of Building Partitions and Elements
6. Canadian General Standards Board (CGSB):
 - 6.1. [CAN/CGSB-71.19-M88](#), Adhesive, Contact, Sprayable
 - 6.2. [CAN/CGSB-71.20-M88](#), Adhesive, Contact, Brushable
7. CSA Group (CSA):
 - 7.1. AAMA/WDMA/CSA 101/I.S.2/A440- 11, NAFS - North American Fenestration Standard/Specification for Windows, Doors, and Skylights
 - 7.2. [CSA A440S1- 17](#), Canadian Supplement to AAMA/WDMA/CSA 101/I.S.2/A440-11, NAFS - North American Fenestration Standard/Specification for Windows, Doors, and Skylights
 - 7.3. [CAN/CSA-A440.4- 07](#), Window, Door, and Skylight Installation
 - 7.4. [CSA O115- M1982](#), Hardwood and Decorative Plywood
 - 7.5. [CAN/CSA O132.2](#) Series- 90, Wood Flush Doors
 - 7.6. [CAN/CSA-O132.5- M1992](#), Stile and Rail Wood Doors
 - 7.7. [CAN/CSA-Z808- 96](#), A Sustainable Forest Management System: Guidance Document
 - 7.8. [CSA Z809- 16](#), Sustainable Forest Management
8. Forest Stewardship Council (FSC):
 - 8.1. FSC-STD-01-001- V5-2, FSC Principles and Criteria for Forest Stewardship
9. National Fire Protection Association (NFPA):
 - 9.1. [NFPA 80- 2013](#), Standards for Fire Doors and Other Opening Protectives

10. South Coast Air Quality Management District (SCAQMD), California State, Regulation XI. Source Specific Standards:
 - 10.1. SCAQMD Rule 1113- 2016, Architectural Coatings
 - 10.2. SCAQMD Rule 1168- 2017, Adhesives and Sealant Applications
11. Sustainable Forestry Initiative (SFI):
 - 11.1. SFI- 2015-2019 Standard
12. Underwriters Laboratories (UL):
 - 12.1. UL 2761- 2011, Sustainability for Sealants and Caulking Compounds
 - 12.2. UL 2762- 2011, Sustainability for Adhesives
 - 12.3. UL 2768- 2011, Sustainability for Architectural Surface Coatings
13. Underwriters Laboratories of Canada (ULC):
 - 13.1. CAN/ULC-S104- 15, Standard Method for Fire Tests of Door Assemblies
 - 13.2. CAN/ULC-S105- 16, Standard Specification for Fire Door Frames Meeting the Performance Required by CAN/ULC-S104

1.3 Section includes

1. This Section describes requirements for the following:
 - 1.1. Lead lined Flush wood doors.

1.4 Administrative requirements

1. Coordination:
 - 1.1. Coordinate door hardware with Section 08 71 00 - Door Hardware.

1.5 Action and informational submittals

1. Submit in accordance with Section 01 33 00 - Submittal Procedures.
2. Product Data:
 - 2.1. Submit manufacturer's product data for each type of wood door. Indicate door designation, type, and model, product characteristics, door core description, fabrication details, dimensions , sound transmission class rating , fire-protection rating, and finishes.
 - 2.2. Submit WHMIS SDS - Safety Data Sheets. Indicate VOCs for door materials and adhesives.
3. Shop Drawings: Submit to Consultant as follows:
 - 3.1. Shop drawing format to conform to NAAWS requirements.
 - 3.2. For each type of door include scaled details of components and indicate the following:
 - 3.2.1. Size of door
 - 3.2.2. Core construction and thickness
 - 3.2.3. Cut-outs and locations for hardware
 - 3.2.4. Swing direction
 - 3.2.5. Undercut dimensions
 - 3.2.6. Hardware location and preparation requirements
 - 3.2.7. Sound Transmission Class
 - 3.2.8. Lead shielding
 - 3.2.9. Types of finishes

4. Samples:
 - 4.1. Submit one painted sample, approximately 200 x 200 mm, for each colour/pattern required.
 - 4.2. Show door construction, faces, and core, representative of all door type s.
 - 4.3. Samples will not be returned for inclusion into work.
5. Test Data
6. Installation Instruction
 - 6.1. Submit manufacturer's installation instructions.

1.6 Closeout submittals

1. Submit in accordance with Section 01 78 00 - Closeout Submittals.
2. Warranty Documentation: Submit manufacturer's material and fabrication warranty.

1.7 Quality assurance

1. Submit test data indicating compliance with Sound Transmission Class (STC) requirements when tested to [ASTM E90](#). Include laboratory name, test report number, and date of test , when requested by the Consultant.
2. Certificates: Manufacturer's product certificates certifying materials comply with specified performance characteristics, criteria, and physical requirements.
3. Qualifications:
 - 3.1. Manufacturer/Fabricator: Obtain doors from a single manufacturer. Five years minimum production experience similar to this Project.
 - 3.2. Installers: Three years of experience with installation of wood doors of similar complexity and scope to that required for the Project.
4. Pre-installation Meeting: Convene a pre-installation meeting 2 weeks before installation of acoustic door and frame assemblies. Require attendance of relevant subcontractors, consultants, and manufacturer's representative. Review installation and coordination with other work.

1.8 Delivery, storage, and handling

1. Perform in accordance with Section 01 61 00 - Common Product Requirements.
2. Delivery and Acceptance Requirements: Deliver materials to site in original factory packaging with manufacturer's labels. Wrap doors.
3. Storage and Handling Requirements:
 - 3.1. Store materials off ground in a dry, clean, well-ventilated indoor location.
 - 3.2. Store doors in horizontal position, frames in vertical position, spaced with blocking to permit air circulation between components.
 - 3.3. Store doors between 10 to 32 degrees C (50 to 90 degrees F) and 25 to 55 percent relative humidity.
 - 3.4. Arrange for delivery after construction activities causing high humidity are completed.
 - 3.5. Unwrap and protect doors from scratches, handling marks, other damages, dampness and in accordance with manufacturer's/fabricator's recommendations and NAAWS, Section 13.
 - 3.6. Store doors away from direct sunlight.

1.9 Site conditions

1. Site Measurements: Before fabrication, verify actual dimensions of openings by measuring on site, and indicate actual measurements on shop drawings. Coordinate fabrication schedule with construction progress to avoid delaying the Work.
2. Established Dimensions: When site measurements cannot be made without delaying the Work, establish dimensions and proceed with fabricating doors without site measurements. Coordinate site construction to ensure that actual site dimensions correspond to established dimensions.

1.10 Warranty

1. Manufacturer's Warranty: Submit manufacturer's standard warranty.
2. Special Warranty:
 - 2.1. If the Subcontractor is an AWMAC manufacturer member in good standing, issue a two year AWMAC Guarantee Certificate to the Owner.
 - 2.2. AWMAC Guarantee to cover replacing, reworking, and/or refinishing deficient wood doors due to faulty workmanship or defective materials supplied and installed, if discovered during two year period following the date of issuance.

Part 2 Products

2.1 Performance requirements

1. Provide materials, fabrication, and installation in accordance with NAAWS 4.0 for Premium grade doors.
2. Flush Wood Doors Construction: To [CAN/CSA-O132.2](#): Standard Duty Heavy Duty

2.2 Wood flush doors

1. Construction: 7-ply for all doors.
2. Door Core:
 - 2.1. Solid wood Core: Internal stile and rail frame bonded to wood core with wood lock blocks.
3. Door Faces:
 - 3.1. Faces for Opaque Finish:
 - 3.1.1. Painted as per finishes schedule, Closed grain maple hardwood
4. Door Edges: NAAWS Type C - HPL or PVC edgeband, face and cross band edges covered, color to match paint finish.
5. Adhesive: ANSI/HPVA Type II (water-resistant)

2.3 Finishes

1. Shop Priming for Doors with Opaque Finish:
 - 1.1. Before applying shop primer, steam out deep scratches and ease sharp edges by sanding.
 - 1.2. Shop prime doors with one coat of wood primer. Primer compatible with finish paint indicated in Section 09 91 23 - Interior Painting. Apply primer to all four door edges, to edges of cut outs, and to mortises.

Part 3 Execution

3.1 Examination

1. Verification of Conditions: Verify conditions of substrates previously installed are acceptable and within tolerances for wood doors installation in accordance with NAAWS.
 - 1.1. Verify door frames are plumb, square, level, and in plane.
 - 1.2. Inform Consultant of unacceptable conditions immediately upon discovery.
 - 1.3. Proceed with installation only after unacceptable conditions have been remedied.

3.2 Installation - general

1. Utilize welders certified by Canadian Welding Bureau (CWB).
2. Install doors in accordance with manufacturer's/fabricator's instructions and NAAWS Section 14, in accordance with grade specified.
3. Coordinate with gypsum board wall construction for anchor placement.
4. Set frames plumb, square, level at correct elevation, in accordance with Section 05 50 00.
5. Allow for deflection to ensure that structural loads are not transmitted to frame.
6. Adjust operable parts for correct clearances and function.
7. Install and adjust perimeter and bottom acoustic seals.

3.3 Installation - door hardware

1. Install hardware described in Section 08 71 00 - Door Hardware in accordance with manufacturer's instructions, using manufacturer's door hardware templates.

3.4 Site quality control

1. Tolerances: To NAAWS, Section 15, and as follows:
 - 1.1. Hinge Side: 0.75 mm
 - 1.2. Latch Side and Head: 0.75 mm
 - 1.3. Finished floor and thresholds: Maximum 19 mm
2. Provide qualified manufacturer's representative to instruct installers on the proper installation and adjustment of door assemblies.
3. Provide manufacturer's representative to inspect door installation, and test minimum five (5) cycles of operation. Correct any deficient doors

3.5 Adjusting

1. Adjust doors and hardware to function correctly, operate smoothly and easily, without binding. Adjust pairs of doors when closed within 1.6 mm of flush at the meeting edge.
2. Fill and retouch minor nicks, chips, and scratches. Replace un-repairable damaged items.
3. Repair damage to adjacent materials caused by wood doors installation.

3.6 Cleaning

1. Progress Cleaning: Perform in accordance with Section 01 74 00 - Cleaning, and as follows:
 - 1.1. Clean doors after installation to remove dust, fingerprints, and pencil marks.
 - 1.2. Clean glass and glazing materials with non-abrasive cleaner.

2. Final Cleaning: Perform in accordance with Section 01 74 00 - Cleaning.
3. Waste Management: Perform in accordance with Section 01 74 19 - Waste Management and Disposal.

End of Section