1 GENERAL

1.01 RELATED REQUIREMENTS

.1 N/A

1.02 ACTION AND INFORMATIONAL SUBMITTALS

.1 Submit in accordance with Section 01 33 00 - Submittal Procedures.

.2 Special procedure submittals:

.1 Submit schedule of shutdowns or closure of active service or facility, including power and communications services.

1.03 CLOSEOUT SUBMITTALS

.1 Submit in accordance with Section 01 78 00 - Closeout Submittals.

.2 Operation and maintenance data:

.1 Include, in the operation and maintenance manual, manufacturer's operating and maintenance instructions and recommended cleaning materials and methods.

.1 Submit operating and maintenance instructions for pre-bid or pre-purchased products or equipment.

1.04 WORK COVERED BY CONTRACT DOCUMENTS

.1 Work of this Contract comprises renovation of the fourth floor of Barrie City Hall, located at 70 Collier Street, Barrie, Ontario, L4M 4T5; and further identified as Barrie City Hall Fourth Floor Renovation.

1.05 ~~CONTRACT METHOD~~ NOT USED

.1 ~~Construct work under one stipulated price contract.~~

.2 ~~Employ suppliers and Subcontractors assigned by the Owner for:~~

.1 ~~Security camera temporary removal and reinstatement. To be completed by Tyco's approved contractor or using the Owner's vendor, Wallwin Voice & Data Ltd, from the standing agreement established through the Request for Quotation # FIN2025-264Q Supply and Delivery of Surveillance Cameras and Equipment.~~

.3 ~~Relations and responsibilities between the Contractor and suppliers or Subcontractors assigned by the Owner are as defined in Conditions of Contract.~~

1.06 WORK BY OTHERS

.1 Cooperate with other Contractors carrying out their respective work.

.2 Coordinate work with other Contractors. If any part of the work of this Contract depends on work of another Contractor for its proper execution or result, promptly report, in writing, defects which may interfere with proper execution of the work to the Consultant.

.3 Review scopes of work to be executed at the Place of the Work during work of this Contract:

.1 ~~Owner provided and installed demountable~~ **Demountable** wall system:

.1 Owner to provide demountable wall system through furniture vendor contract. Demountable Partition system provided through Owner to be inclusive of all of its accessories, components, installation, etc. Demountable Partition system inclusive of hardware cylinder locks, floor stop, door ~~pulls~~ **levers**, and other related door hardware.

.2 Contractor responsible for glazing decals, integration of power and data, coordination of flooring material joints, and any other related coordination. Owner and Consultant shall provide shop drawings to Contractor during course of Construction for coordination and planning.

.2 **Kitchen accessories:**

.1 **Owner to provide and install paper towel dispenser, R4-03 Cafe/Collab**

.3 **Data / Communications:**

.1 **Owner to provide and install data and communications through the Owner's vendor.**

.2 **Coordinate schedule and site access with the Owner's vendor.**

.4 **Audiovisual (AV) equipment:**

.1 **Owner to provide and install AV equipment through Owner's vendor.**

.2 **Provide in-wall blocking for all wall-mounted monitors, TVs, speakers, etc.**

.3 **Coordinate with Owner for exact extents and locations prior to boarding walls.**

1.07 CONTRACTOR USE OF PREMISES

.1 Access to the Place of the Work: Limit use to the fourth floor only.

.1 Coordinate use of premises with the Owner's representative.

.2 Obtain and pay for additional storage or work areas needed for the work.

1.08 OWNER OCCUPANCY

.1 Cooperate with Owner's requirements to schedule operations to minimize conflict and facilitate Owner's occupancy.

1.09 PARTIAL OWNER OCCUPANCY

The Owner will occupy remaining of building during construction.

1.10 PRE-PURCHASED EQUIPMENT

.1 Obtain necessary shop drawings from the Owner and coordinate installation. Expedite, receive, unload, install, connect, and test specified equipment. Warrant such work.

.2 Notify the Owner's Representative in writing a minimum of fourteen (14) calendar days before shop drawings for Owner provided equipment is required for coordination and review.

.3 Notify the Owner's Representative in writing as part of Project Schedule for date on which materials and equipment are required. Provide written notice reminder fourteen (14) calendar days before installation is scheduled to commence unless equipment is already received.

.4 Receive equipment free on board (F.O.B.), store, and maintain equipment until installation.

.5 Owner to provide equipment for Contractor installation:

.1 Fridge in R4-03 ~~The Hub~~ **Cafe/Collab**

.2 Dishwasher in R4-03 ~~The Hub~~ **Cafe/Collab**

.3 Microwaves in R4-03 ~~The Hub~~ **Cafe/Collab**

.4 ~~Coffee Maker in R4-03 The Hub~~

.6 Owner to provide and install equipment for Contractor coordination ~~and accessory installation:~~

.1 ~~Owner provided and installed~~ Demountable wall system: **Refer to Section 1.06 above.**

.1 ~~Owner to provide demountable wall system through furniture vendor contract. Demountable Partition system provided through Owner to be inclusive of all of its accessories, components, installation, etc. Demountable Partition system inclusive of hardware cylinder locks, floor stop, door pulls, and other related door hardware.~~

.2 ~~Contractor responsible for glazing decals, integration of power and data, coordination of flooring material joints, and any other related coordination. Owner and Consultant shall provide shop drawings to Contractor during course of Construction for coordination and planning.~~

1.11 ALTERATIONS, ADDITIONS OR REPAIRS TO EXISTING BUILDING

.1 Take responsibility for the care, custody, and control of property which is assigned to the Contractor for performance of the work.

.2 Take responsibility for the premises assigned to the Contractor for performance of the work.

.3 Make good damage to existing property caused by work of this Contract.

1.12 EXISTING SERVICES

.1 Notify the Owner, Consultant, and utility companies of intended service interruptions and obtain required permissions.

.2 Provide the Owner and Consultant minimum 48 hours' notice when work involves breaking into, or connecting to, existing services. Provide the Owner and Consultant minimum 48 hours' notice for necessary interruption of mechanical or electrical services. Minimize duration of interruptions. Carry out work, at times as directed by governing authorities, with minimum disturbance to pedestrian, vehicular traffic, and Owner's operations.

.3 Comply with reviewed schedule and provide notice to affected parties. Provide temporary services to maintain critical building services.

.4 ~~Provide adequate bridging over trenches which cross sidewalks or roads to permit normal traffic~~ **Not used**.

.5 Protect, relocate, or maintain existing active services. When inactive services are encountered, cap off in manner approved by authorities having jurisdiction.

1.13 DOCUMENTS REQUIRED

.1 Maintain at project site, one copy of each document:

.1 Drawings.

.2 Specifications.

.3 Addenda.

.4 Site-specific health and safety plan and other related documents.

.5 WHMIS safety data sheets in accordance with Section 01 35 29 - Health, Safety, and Emergency Response Procedures.

.6 Reviewed construction progress Schedule.

.7 Reviewed shop drawings.

.8 Manufacturer's instructions.

.9 List of outstanding shop drawings.

.10 Change Orders.

.11 Change Directives.

.12 Other modifications to the Contract.

.13 Site inspection and test reports.

.14 Permits, inspection certificates, and other documents required by authorities having jurisdiction.

.15 Other specified documents.

2 PRODUCTS

2.01 NOT USED

.1 Not used.

3 EXECUTION

3.01 NOT USED

.1 Not used.

END OF SECTION

1 GENERAL

1.01 RELATED REQUIREMENTS

.1 ~~N/A~~ **All requirements of this section must be read in tandem with the City's Invitation to Tender ("ITT") FIN2026-152T Barrie City Hall – Fourth Floor Renovation, Attachment 1 – Drawings, and Attachment 2 – Specifications.**

1.02 ACCESS AND EGRESS

.1 Design, construct and maintain temporary "access to" and "egress from" work areas, including stairs, runways, ramps or ladders and scaffolding, independent of finished surfaces and in accordance with relevant municipal, provincial and other regulations.

1.03 USE OF SITE AND FACILITIES

.1 Execute work with least possible interference or disturbance to normal use of premises. Make arrangements with Owner and Consultant to facilitate work as stated.

.2 Maintain existing services to building and provide for personnel and vehicle access.

.3 Where security is reduced by work provide temporary means to maintain security.

.4 Owner and Consultant will assign sanitary facilities for use by Contractor's personnel. Keep facilities clean.

.5 Elevator Use

.1 ~~If an elevator is required, the elevator will be allocated on a first come first served basis to City staff, visitors and the Contractor.~~

.2 ~~The Contractor shall identify work that requires a dedicated elevator and shall schedule the work outside normal business hours. The Contractor shall notify the Owner's representative and Consultant forty-eight (48) hours in advance to book the elevator.~~

.3 ~~Use only elevators existing in building for moving workers and material.~~

.4 ~~The Contractor shall transport and stockpile materials to limit elevator time use.~~

.5 ~~Protect walls of passenger elevators, to approval of Owner and Consultant prior to use. Do not use elevators without protection for transportation of materials and equipment.~~

.6 ~~Accept liability for damage, safety of equipment and overloading of existing equipment.~~

.7 **Workers and materials shall use only existing building elevators. Elevator walls shall be padded and protected prior to use to the satisfaction of the Owner and Consultant. The Contractor accepts liability for any damage or overloading. Dedicated elevator use during normal business hours requires booking with 48 hours' advance notice to the City's Project Manager. Large equipment and heavy materials shall be handled outside normal business hours.**

.6 Closures: protect work temporarily until permanent enclosures are completed.

.7 The Contractor shall not store materials for any length of time at the shipping and receiving loading areas or in the corridors outside of the fourth floor. Materials shall be stored only in the area of work.

.1 Delivery and staging area (limited) will be identified by City's representative at construction kick-off meeting.

1.04 ALTERATIONS, ADDITIONS OR REPAIRS TO EXISTING BUILDING

.1 Execute work with least possible interference or disturbance to building operations, occupants, public, and normal use of premises. Arrange with Owner and Consultant to facilitate execution of work.

1.05 EXISTING SERVICES

.1 Notify, Owner, Consultant, and utility companies of intended interruption of services and obtain required permission.

.2 Where Work involves breaking into or connecting to existing services, give Owner and Consultant forty-eight (48) hours of notice for necessary interruption of mechanical or electrical service throughout course of work. Keep duration of interruptions minimum. **Where possible, carry** ~~Carry~~ out interruptions after normal working hours~~ of occupants, preferably on weekends~~.

.3 Where unforeseen shutdowns are required, a minimum of twenty-four (24) hours of notice is required.

.4 Provide for personnel, pedestrian, and vehicular traffic.

.5 Construct barriers in accordance with Section 01 56 00 - Temporary Barriers and Enclosures.

1.06 SPECIAL REQUIREMENTS

.1 Carry out noise generating Work Monday~~, Tuesday, Thursday and~~ **to** Friday from 17:00 to 23:00 hours and on Saturdays, Sundays, and statutory holidays. **Where building operations permit, the Owner's representative may allow noise generating work of short duration during regular working hours (7:00 to 17:00, Monday to Friday), subject to review and approval by the Owner's representative in advance.**

.1 **Weekday hours** ~~Hours~~ can expand into 23:00 to 7:00 hours with Owner's representative's written approval minimum twenty-four (24) hours in advance.

.2 No work shall take place during Council meetings (typically Wednesday evenings). Schedule of Council meetings will be provided to the awarded Contractor at kick-off meeting.

.3 Submit schedule in accordance with Section 01 32 16.16 - Construction Progress Schedule

.4 Ensure Contractor's personnel employed on site become familiar with and obey regulations including safety, fire, traffic and security regulations.

.5 Keep within limits of work and avenues of ingress and egress.

.6 Deliver materials outside of peak traffic hours unless otherwise approved by Owner.

.7 Handling of large equipment or heavy materials must be done outside normal business hours in coordination with the Owner's representative. Cooperation by the Contractor is mandatory.

.8 Complete concrete floor X-ray scanning only during weekends.

.1 Owner's representative, Consultant, and Contractor retained structural engineer shall review findings prior to completing work.

.2 Contractor retained structural engineer shall provide stamped drawing and/or letter based on findings of scan for acceptance and records prior to completing coring work.

1.07 BUILDING SMOKING ENVIRONMENT

.1 Comply with smoking restrictions. Smoking is not permitted.

2 PRODUCTS

2.01 NOT USED

.1 Not Used.

3 EXECUTION

3.01 NOT USED

.1 Not Used.

END OF SECTION

1 GENERAL

1.01 RELATED REQUIREMENTS

.1 N/A

1.02 REFERENCE STANDARDS

1.03 N/A REQUIREMENTS

.1 Specification Sections stipulate pertinent requirements for products and methods to achieve Work stipulated under each Alternative / Provisional Price.

.2 Co-ordinate affected related Work and modify surrounding Work to integrate Work under each Alternative, if selected to move forward by Owner.

1.04 AWARD/SELECTION OF ALTERNATIVES

.1 Refer to ITT documents for process of award / equivalency process.

1.05 SCHEDULE OF ALTERNATIVES / PROVISIONAL PRICES

.1 Alternative A: Ceiling Gypsum Board Perimeter

.1 Price to include credit for ACT ceiling system not being installed and cost for gypsum board ceiling system being installed. Refer to Drawings and Section 09 21 16 – Gypsum Board Assemblies for additional information. Refer to Section 09 51 13 – Acoustical Panel Ceilings for reveal trim to be provided between gypsum board ceiling system and ACT ceiling system.

.2 Provisional Price B: Demountable Partitions (DW-1 by Contractor)

.1 Price to include cost for all Demountable Partition systems, inclusive of all of its accessories, components, installation, etc. in accordance with Section 10 22 19 – Demountable Partitions and Drawings. Demountable Partition system inclusive of ~~hardware cylinder locks, floor stop, door pulls, and other related door hardware~~ **all required door hardware unless specifically noted otherwise**. Demountable wall system to be based upon DW-1 system outlined in specification Section 10 22 19. Price to include credit for not coordinating Owner-supplied and installed demountable walls with site conditions and interconnected Contractor work.

.3 Provisional Price C: Millwork Booth Benches

.1 Price to include cost for custom millwork booth benches. Refer to Drawings for additional information.

.4 Provisional Price D: Millwork Linear Bench

.1 Price to include cost for custom linear millwork bench. Refer to Drawings for additional information.

.5 Provisional Price E: Window Roller Blinds

.1 Price to be unit cost for Window Roller Blind, in accordance with Section 12 24 13 – Roller Window Shades. Refer to Drawings for maximum quantity that may be requested (one per exterior wall window). Unit price shall be applicable to unit quantities within the range of one (1) to maximum quantity of exterior windows in Drawings.

.6 Alternative F: ACT Ceiling Type

.1 Price to include credit for base ACT ceiling type not being included, and include cost for alternative specified system. Refer to Section 09 51 13 – Acoustical Panel Ceilings. Cost provided is to be the dollar value to upgrade from the base bid type to the provisional price type.

.7 Alternative G: Demountable Partitions (DW-2 by Contractor)

.1 Price to include cost for all Demountable Partition systems, inclusive of all of its accessories, components, installation, etc. in accordance with Section 10 22 19 – Demountable Partitions and Drawings. Demountable Partition system inclusive of ~~hardware cylinder locks, floor stop, door pulls, and other related door hardware~~ **all required door hardware unless specifically noted otherwise**. Demountable wall system to be based upon DW-2 system outlined in specification Section 10 22 19. Price to include credit for not coordinating Owner-supplied and installed demountable walls with site conditions and interconnected Contractor work.

.8 **Provisional Price H: Acoustic Room Components Grouping 1**

.1 **Price to include cost for wall-mounted acoustic room components. Refer to Drawings and Schedule in specification section 09 84 00 – Acoustic Room Components for additional information.**

.9 **Provisional Price I: Acoustic Room Components Grouping 2**

.1 **Price to include cost for wall-mounted acoustic room components. Refer to Drawings and Schedule in specification section 09 84 00 – Acoustic Room Components for additional information.**

.10 **Provisional Price J: Acoustic Room Components Grouping 3**

.1 **Price to include cost for wall-mounted acoustic room components. Refer to Drawings and Schedule in specification section 09 84 00 – Acoustic Room Components for additional information.**

.11 **Alternative K: Drop Wall Height to Above Ceiling, Not Full Height**

.1 **Price to include credit for stopping all new walls at 6 inches above the finished ceiling. Refer to architectural wall type schedule in drawings. Credit also to include not installing transfer ducts (refer to mechanical drawings).**

.12 **Provisional Price L: Card Readers & Electric Strikes on Existing Doors D028A & D026**

.1 **Price to include all door hardware, electrical modifications, etc. required to complete electric strike and card reader system on existing doors.**

2 PRODUCTS

2.01 NOT USED

.1 Not Used.

3 EXECUTION

3.01 NOT USED

.1 Not Used.

END OF SECTION

1 GENERAL

1.01 RELATED REQUIREMENTS

.1 Section 07 92 00 - Joint Sealants: Sealant materials and application.

.2 Section 05 50 00 – Metal Fabrications

1.02 REFERENCE STANDARDS

.1 American National Standards Institute (ANSI)

.1 ANSI/ASME 18.6.1 1981 (R2012) Wood Screws (Inch Series).

.2 ANSI/BHMA A156.9-2010, Cabinet Hardware.

.3 ANSI/BHMA A156.11-2014, Cabinet Locks.

.4 ANSI/BHMA A156.16-2013, Auxiliary Hardware.

.5 ANSI/BHMA A156.18-2012, Materials and Finishes.

.6 ANSI/BHMA A156.20-2006, Strap and Tee Hinges and Hasps.

.7 ANSI A208.2-09, Medium Density Fiberboard (MDF) for Interior Applications.

.8 ANSI/HPVA HP-1-10, Standard for Hardwood and Decorative Plywood.

.2 Architectural Woodwork Manufacturers Association of Canada (AWMAC)

.1 Architectural Woodwork Standards (AWMAC AWS), 2014.

.3 ASTM International (ASTM)

.1 ASTM A 153/A 153M-16, Standard Specification for Zinc Coating (Hot-Dip) on Iron and Steel Hardware.

.2 ASTM E 1333-14, Standard Test Method for Determining Formaldehyde Concentrations in Air and Emission Rates From Wood Products Using a Large Chamber.

.3 ASTM F1667-13 Standard Specification for Driven Fasteners: Nails, Spikes and Staples.

.4 Canadian General Standards Board (CGSB)

.1 CAN/CGSB-11.3-[M87], Hardboard.

.2 CAN/CGSB-71.20-[M88], Adhesive, Contact, Brushable.

.3 CAN/CGSB-71.19-[M88], Adhesive, Contact, Sprayable.

.5 Green Seal Environmental Standards (GS)

.1 GS-36-2013, Adhesives for Commercial Use.

.6 Health Canada/Workplace Hazardous Materials Information System (WHMIS)

.1 Safety Data Sheets (SDS).

.7 National Electrical Manufacturers Association (NEMA)

.1 ANSI/NEMA LD-3-05, High-Pressure Decorative Laminates (HPDL).

1.03 PREINSTALLATION MEETING

.1 Before enclosing framing, convene a meeting of contractor, casework fabricator, casework installer, and framing subcontractor.

.1 Review locations of backing required for casework installation as shown on shop drawings and as necessary for installation.

.2 Review method of attachment for backing to wall system.

.3 Review coordination with other affected sections.

1.04 ACTION AND INFORMATIONAL SUBMITTALS

.1 Submit in accordance with Section 01 33 00 - Submittal Procedures.

.2 Product Data:

.1 Prepare and submit material list in accordance with AWMAC AWS, cross-referenced to specifications.

.2 Include manufacturer's instructions, printed product literature, data sheets and catalogue pages for all materials and products to be incorporated into architectural wood casework and include product characteristics, performance criteria, dimensions and profiles, finish and limitations on use.

.3 Submit one digital copy of WHMIS SDS in accordance with Section 01 35 29 - Health, Safety, and Emergency Response Procedures.

.3 Hardware List:

.1 Submit hardware list cross-referenced to specifications.

.2 Include manufacturer's specification sheets indicating name, model, material, function, finish and other pertinent information.

.1 Provide Builders Hardware Manufacturers Association (BHMA) designations if manufacturer is voluntarily in the program.

.4 Shop Drawings:

.1 Prepare and submit shop drawings in accordance with AWMAC AWS and as follows.

.2 Submit one digital set of shop drawings for initial review in accordance with requirements of Division 01. Revise as directed, submit one digital copy for final acceptance and distribution. Revise as many times as necessary to comply with Contract Documents to the satisfaction of the Consultant.

.3 Indicate details of construction, profiles, jointing, fastening and other related details at appropriate scales for legibility.

.4 Indicate materials, thicknesses, finishes and hardware.

.5 Indicate locations of service outlets in casework, typical and special installation conditions, and connections, attachments, anchorage and location of exposed fastenings.

.6 Show location on casework elevations of backing required in supporting structure for attachment of casework.

.7 Indicate AWMAC AWS quality grade where different from predominant grade specified.

.8 Include color schedule of all casework items, including all countertop, exposed, and semi-exposed cabinet finishes, finish material manufacturer, pattern, and color.

.5 Samples:

.1 Prepare and submit samples in accordance with AWMAC AWS and as follows.

.2 Submit duplicate samples of laminated plastic for each specified colour selection.

.3 Submit duplicate samples of laminated plastic joints, edging, cutouts and post-formed profiles.

.4 Certifications: If requested by Consultant, submit certificates signed by manufacturer certifying that materials comply with specified performance characteristics and physical properties.

.5 Submit statement of experience and qualifications of architectural wood casework fabricator.

1.05 QUALITY ASSURANCE

.1 Perform Work of this Section by single architectural wood casework fabricator with minimum five (5) years of current architectural casework production experience and having completed minimum one project in the past five (5) years with value within 20% of the cost of the work of this Section.

1.06 DELIVERY, STORAGE AND HANDLING

.1 Deliver, store and handle materials in accordance with Section 01 61 00 - Common Product Requirements and with manufacturer's written instructions.

.2 Deliver wood casework only when area of work is enclosed, plaster and concrete work is dry, and area is broom clean and site environmental conditions are acceptable for installation.

.3 Protect millwork against dampness and damage during and after delivery.

.4 Store millwork in ventilated areas, protected from extreme changes of temperature and humidity, and within range recommended by AWMAC AWS for location of project.

.5 Store materials indoors, in dry location, in clean, dry, well-ventilated area.

.6 Protect architectural woodwork and hardware from nicks, scratches, and blemishes.

.7 Replace defective or damaged materials with new.

2 PRODUCTS

2.01 QUALITY GRADE

.1 Provide all materials and perform all fabrication in accordance with AWMAC AWS Custom Grade.

.2 In case of conflict between Contract Documents and AWMAC AWS grade requirements, AWMAC AWS govern.

2.02 LUMBER

.1 Softwood and Hardwood Lumber: Sound lumber to specified AWMAC AWS quality grade requirements, kiln-dried to moisture content recommended by AWMAC AWS for location of the Work

.2 Machine stress-rated lumber is acceptable for all purposes.

2.03 SHEET MATERIALS

.1 Medium Density Fibreboard (MDF) core: to ANSI A208.2, density 769 kg/m^3, 19 mm thick unless indicated otherwise.

.1 Use moisture resistant Moisture Resistant (MR) grade for countertops and splash-backs to receive plumbing fixtures.

.2 Solid Surfacing: Homogeneous filled cast polymeric resin panel.

2.04 LAMINATED PLASTIC MATERIALS

.1 Laminated plastic for flatwork: to NEMA LD3

.1 High Pressure Decorative Laminated (HPDL) plastic.

.1 Type: General Purpose (GP).

.2 Horizontal Surfaces: Horizontal Grind Satin (HGS) or Horizontal Grind Linear (HGL) to suit application, 1.15 mm thick minimum.

.3 Vertical Surfaces: Vertical Directional Satin (VDS) or Vertical Grind Linear (VGL) to suit application, 0.6 mm thick minimum.

.4 Colour & Pattern: As indicated in Schedule.

.5 Finish: matt, unless indicated otherwise.

.6 Manufacturer: Wilsonart, Formica, or accepted equivalent.

.2 Laminated plastic for backing sheet:

.1 Type: backer.

.2 Thickness: not less than 0.5 mm thick or same thickness as face laminate.

.3 Colour: same colour as face laminate.

.3 Thermofused Melamine: to NEMA LD3 Grade LPDL.

.1 High wear resistant thermofused melamine: equal or exceed 400 cycles (Minimum standard for HPL abrasion test).

.2 Colour: White.

.4 Edge finishing for doors, drawer fronts, shelves and false fronts:

.1 HPDL to match face.

.5 Laminated plastic adhesive:

.1 Adhesive: as required by Manufacturer.

.1 Urea resin adhesive to CSA O112

.2 Contact adhesive to CAN/CGSB-71.20

.3 Resorcinol resin adhesive to CSA O112.10

.4 Polyvinyl adhesive to CSA O112-M

.5 Two component epoxy thermosetting adhesive.

2.05 CASEWORK FABRICATION - GENERAL

.1 Fabricate casework of specified core and surface finish materials to specified AWMAC AWS quality grade

.1 Construction type: frameless.

.2 Door-cabinet interface: flush overlay.

.2 Shop install cabinet hardware for doors, shelves and drawers. Recess shelf standards unless noted otherwise.

.3 Shelving to cabinetwork to be adjustable unless otherwise noted.

.4 Provide cutouts for plumbing fixtures, inserts, appliances, outlet boxes and other fixtures.

.5 Shop assemble work for delivery to site in size easily handled and to ensure passage through building openings.

.6 Obtain governing dimensions before fabricating items which are to accommodate or abut appliances, equipment and other materials.

2.06 LAMINATED PLASTIC CASEWORK FABRICATION

.1 Do laminated plastic fabrication in compliance with NEMA LD3, Annex A and specified AWMAC AWS quality grade.

.2 Ensure adjacent parts of continuous laminate work match in colour and pattern.

.3 Veneer laminated plastic to core material in accordance with adhesive manufacturer's instructions. Ensure core and laminate profiles coincide to provide continuous support and bond over entire surface. Use continuous lengths up to 3000 mm. Keep joints 600 mm from sink cutouts.

.4 Form shaped profiles and bends as indicated, using post-forming grade laminate to laminate manufacturer's instructions.

.5 Use straight self-edging laminate strip for flatwork to cover exposed edge of core material. Chamfer exposed edges uniformly at approximately 20 degrees. Do not mitre laminate edges.

.6 Apply laminate backing sheet to reverse side of core of plastic laminate work.

.7 Apply melamine to interior of cabinetry (cupboards and drawer interiors).

.8 Drawer Construction:

.1 Sides:

.1 Custom grade: LPDL (melamine) on MDF, thickness 12 mm.

.2 Bottoms: MDF with melamine surfaces, thickness 6 mm.

.3 Joinery: Meeting requirements of AWMAC for Grade specified.

.1 Sides, front and back: Miter fold.

2.07 SOLID SURFACING COUNTEROPS

.1 Solid Surface Surfacing:

.1 Colour: ~~As selected by Consultant from manufacturer's first four pricing grades~~. **Refer to section 3.05 Schedule.**

.2 Edge Treatment: Waterfall edge or as detailed.

.3 Prepared for sink. Co-ordinate with plumbing requirements.

.4 Backsplash: Butt joint, height four (4) inches, located around all edges of counter that are in contact with a gypsum board wall.

.5 Manufacturer: ~~Wilsonart, Corian, or accepted equivalent.~~ **Refer to section 3.05 Schedule.**

2.08 CABINET HARDWARE

.1 Cabinet hardware: to AWMAC AWS quality grade specified and to ANSI/BHMA A156.9.

.1 Quantities as recommended by manufacturer and required in Drawings and this section.

.2 Finish:

.1 Exposed hardware: as indicated in this section.

.2 Semi-exposed hardware: Manufacturer's standard finish.

.3 Casework door hinges: knuckle disappearing type, minimum 170˚ opening.

.1 Basis of design: Blum, or acceptable equivalent.

.4 Door Dampener: as required for all doors to be soft closing.

.1 Basis of design: Blum, or acceptable equivalent.

.5 Pulls: back mounted pull, minimum one (1) per cabinet door and cabinet drawer front.

.1 **D-Pull -** Basis of design:

.1 Richelieu **BP873, 128mm c/c, confirm length with Owner and Consultant, matte black / 900 finish** ~~Modern Steel Pull, 305, brushed nickel finish, length overall 156 mm~~, or approved equivalent.

.2 **Edge Pull – Basis of design:**

.1 **Richelieu BP9696 Modern Aluminum Edge Pull, brushed black finish / 990, or approved equivalent.**

.6 Latches: elbow latch, at all double door locations.

.1 Basis of design: Richelieu Heavy Duty Elbow Catch # 5540180, nickel finish , or acceptable equivalent.

.7 Bumpers: Polyurethane 3mm high x 10 mm diameter, minimum two (2) per door and drawer front.

.8 Shelf brackets and standards: vertical slotted shelf standard, with shelf brackets, for finished to white enamel finish, fully recessed into gables.

.1 Basis of Design: KV255 pilaster and KV256 clip, or acceptable equivalent.

.9 Drawer slides:

.1 Slide type: bottom edge mounted or side mounted drawer slides, as recommended by fabricator and AWMAC standards.

.2 Soft closing.

.3 Extension and capacity: full extension, meeting requirements of AWMAC AWS for type and size of drawer, 45 kg capacity per slide.

2.09 ACCESSORIES

.1 Countertop support brackets:

.1 Basis of Design: Kolosuss Concealed Bracket, or acceptable equivalent.

.1 Material: Aluminum

.2 Finish: White

.3 Weight capacity: 135 kg minimum

.4 Coordinate with Section 05 41 00 – Structural Metal Stud Framing and related shop drawing.

.2 Wood screws: stainless steel type and size to suit application.

.3 Nails and staples: to CSA B111 and ASTM F1667.

.4 Splines: plastic.

3 EXECUTION

3.01 EXAMINATION

.1 Verification of Conditions: verify conditions of substrates previously installed under other Sections or Contracts are acceptable for architectural woodwork installation in accordance with manufacturer's instructions.

.1 Visually inspect substrate.

.2 Inform Contractor and Consultant of unacceptable conditions immediately upon discovery.

.3 Proceed with installation only after unacceptable conditions have been remedied.

3.02 INSTALLATION

.1 Install architectural wood casework in accordance with AWMAC AWS grade for respective items

.2 In case of conflict between Contract Documents and AWMAC AWS grade requirements, AWMAC AWS grade requirements govern.

.3 Install prefinished millwork at locations shown on drawings.

.1 Position accurately, level, plumb straight.

.4 Fasten and anchor millwork securely.

.1 Supply and install heavy duty fixture attachments for wall mounted cabinets.

.5 Countersink mechanical fasteners at exposed and semi-exposed surfaces, excluding installation attachment screws and screws securing cabinets end to end.

.6 Use draw bolts in countertop joints.

.7 Scribe and cut as required to fit abutting walls and to fit properly into recesses and to accommodate piping, columns, fixtures, outlets or other projecting, intersecting or penetrating objects.

.8 Fit hardware accurately and securely in accordance with manufacturer's written instructions.

.9 Make cutouts for inset equipment and fixtures using templates provided.

3.03 CLEANING

.1 Progress Cleaning: clean in accordance with Section 01 74 00 - Cleaning.

.1 Leave Work area clean at end of each day.

.2 Final Cleaning: upon completion remove surplus materials, rubbish, tools and equipment in accordance with Section 01 74 00 - Cleaning.

.1 Clean millwork and inside cupboards and drawers and outside surfaces.

.2 Remove excess glue, pencil and ink marks from surfaces.

3.04 PROTECTION

.1 Protect millwork and cabinet work from damage until final inspection.

.2 Protect installed products and components from damage during construction.

.3 Repair damage to adjacent materials caused by architectural woodwork installation.

3.05 SCHEDULES

.1 Refer to Drawings for locations.

.1 WD-1: HPDL

.1 Basis of Design: As selected by Consultant from Manufacturer's full premium line of options.

.2 PL-1: HPDL

.1 Basis of Design: **Wilsonart Traceless / Ultra-matte Charcoal or approved equivalent.** ~~As selected by Consultant from Manufacturer's full premium line of options.~~

.3 PL-2: HPDL

.1 Basis of Design: **White as** ~~As~~ selected by **Owner and** Consultant from Manufacturer's full premium line of options**, matte or velvet finish**.

.4 CT-1: Solid Surface Countertop & Backsplash

.1 ~~Basis of Design: As selected by Consultant from Manufacturer's first four pricing classes of options~~. **Basis of Design: Corian Solid Surface, 13mm thickness, Antarctica or approved equivalent.**

.5 **UPH-1: Upholstery**

.1 **Abrasion to ACT/WYZENBEEK – seats 100,000 double rubs minimum, backs 50,000 minimum.**

.2 **Finish / Colour: As selected by Owner and Consultant from full range.**

.6 **UPH-2: Upholstery**

.1 **Abrasion to ACT/WYZENBEEK – seats 100,000 double rubs minimum, backs 50,000 minimum.**

.2 **Finish / Colour: As selected by Owner and Consultant from full range.**

.2 **Door & Drawer Pulls**

.1 **Refer to millwork elevation and section drawings.**

END OF SECTION

1 GENERAL

1.01 SUMMARY

.1 Section includes:

.1 Flush wood doors.

.2 Factory finishing, Preparation for site finishing.

1.02 RELATED REQUIREMENTS

.1 Section 08 11 13 - Hollow Metal Doors and Frames

.2 Section 08 71 00 - Door Hardware

.3 Section 09 91 23 - Interior Painting

1.03 DEFINITIONS

.1 N/A

1.04 REFERENCE STANDARDS

.1 ASTM International (ASTM):

.1 ASTM D6007-22, Standard Test Method for Determining Formaldehyde Concentrations in Air from Wood Products Using a Small-Scale Chamber

.2 ASTM E1333-22, Standard Test Method for Determining Formaldehyde Concentrations in Air and Emission Rates From Wood Products Using a Large Chamber

.2 Architectural Woodwork Manufacturers Association of Canada / Woodwork Institute (AWMAC/WI):

.1 North American Architectural Woodwork Standards (NAAWS), 4.0

.3 CSA Group (CSA):

.1 CSA A440.4:19, Window, door, and skylight installation

.2 CAN/CSA O132.2 Series-90, Wood Flush Doors

.4 Decorative Hardwoods Association (DHA):

.1 ANSI/HVPA HP 1 2020, American National Standard for Hardwood and Decorative Plywood

.5 International Organization for Standardization (ISO):

.1 ISO 4586, High-pressure decorative laminates - Sheets made from thermosetting resins (usually called laminates), current editions

.6 Window and Door Manufacturers Association (WDMA):

.1 ANSI/WDMA I.S. 1A-21, Interior Architectural Wood Flush Doors

1.05 ADMINISTRATIVE REQUIREMENTS

.1 Coordination:

.1 Coordinate steel door frame dimensions and installation tolerances with Section 08 11 13 - Hollow Metal Doors and Frames.

.2 Coordinate door hardware with Section 08 71 00 - Door Hardware.

1.06 ACTION AND INFORMATIONAL SUBMITTALS

.1 Submit in accordance with Section 01 33 00 - Submittal Procedures.

.2 Product data: Product literature and data sheets for each type of wood door, including product characteristics, performance criteria, physical sizes, finishes, and limitations.

.1 Submit WHMIS SDSs for:

.1 adhesives

.2 sealants

.3 coatings

.3 Shop drawings:

.1 Comply with NAAWS requirements.

.2 For each type of door include scaled details of components and indicate:

.1 Size of door.

.2 Core construction and thickness.

.3 Cut-outs and locations for louvres, if applicable.

.4 Swing direction.

.5 Undercut dimensions.

.6 Hardware location and preparation requirements.

.7 Location of sealants.

.8 Types of finishes.

.4 Samples:

.1 Submit two (2) plastic laminate samples, approximately 200 mm × 200 mm, for each colour/pattern required.

.2 Samples will not be returned.

1.07 CLOSEOUT SUBMITTALS

.1 Submit in accordance with Section 01 78 00 - Closeout Submittals.

.2 Operation and maintenance data:

.1 Include, in the operation and maintenance manual, manufacturer’s operating and maintenance instructions and recommended cleaning materials and methods.

.3 Warranty documentation: Submit manufacturer's material warranty.

1.08 QUALITY ASSURANCE

.1 Qualifications:

.1 Manufacturers/installers: Capable of providing specified warranty requirements.

1.09 DELIVERY, STORAGE, AND HANDLING

.1 Deliver, store, and handle materials in accordance with Section 01 61 00 - Common Product Requirements, and:

.1 Comply with NAAWS.

.2 Delivery and acceptance requirements: Deliver materials to site in original factory packaging with manufacturer's labels.

.3 Storage and handling requirements:

.1 Arrange for delivery after construction activities causing high humidity are completed.

.2 Unwrap and protect doors from scratches, handling marks, other damages, dampness and in accordance with manufacturer's recommendations and CAN/CSA O132.2 Series, Appendix A.

.3 Store doors away from direct sunlight.

1.10 SITE CONDITIONS

.1 Ambient conditions:

.1 Maintain optimum ambient conditions in accordance with NAAWS requirements.

.2 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.

.3 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.

1.1 WARRANTY

.1 Submit warranty information in accordance with Section 01 78 00 - Closeout Submittals.

.2 Manufacturer warranty: Manufacturer's standard warranty document, executed by authorized company official. Manufacturer's warranty is in addition to, and not a limitation of, other rights the Owner may have under the Contract.

.1 Manufacturer's warranty period: 10 years minimum.

2 PRODUCTS

2.01 GENERAL PRODUCT REQUIREMENTS

.1 Performance/design criteria:

.1 Quality grades:

.1 Provide materials and fabricate architectural woodwork in accordance with NAAWS requirements for specified grades:

.1 Custom Grade: Typical throughout the project.

.2 Flush wood doors construction: To ANSI/WDMA I.S. 1A Duty Level, CAN/CSA O132.2.1: Heavy Duty.

.2 Basis of Design Manufacturers:

.1 Lambton Doors

.2 Door-Lam Manufacturing

.3 Les Portes Baillergeon

.4 Accepted equivalents.

2.02 WOOD FLUSH DOORS

.1 Construction: 5 -ply for doors.

.2 Door core:

.1 Solid particleboard core: Internal stile and rail frame bonded to particleboard core with wood lock blocks.

.3 Door faces:

.1 Faces for opaque finish:

.1 Closed grain hardwood.

.4 Door edges: NAAWS Type B (wood veneer edgeband, face and cross band edges covered) or Type F (solid wood edgeband, face and cross band edges covered) unless otherwise recommended by Manufacturer's choice in accordance with NAAWS grade requirements and accepted by Consultant.

.5 Adhesive: ANSI/HPVA HP-1 Type II (water-resistant).

2.03 ~~PLASTIC LAMINATE FACED WOOD DOORS~~ NOT USED

.1 ~~Door construction: 5-Ply.~~

.2 ~~Core material: Particleboard.~~

.3 ~~Plastic laminate faces: To ISO 4586, high-pressure laminates, 1.27 mm thick.~~

.1 ~~Colour: As selected by the Consultant from manufacturer's samples (premium grade).~~

.4 ~~Door edges: NAAWS Type C (HPL or PVC edgeband, face and cross band edges covered unless otherwise recommended by Manufacturer's choice in accordance with NAAWS grade requirements and accepted by Consultant.~~

.1 ~~Edgeband to match plastic laminate face.~~

.5 ~~Plastic laminate adhesive: To ANSI/HPVA HP-1, Type II (water-resistant) for interior doors.~~

2.04 FABRICATION

.1 Provide blocking for surface-mounted hardware to prevent need for through bolting.

.2 Vertical edge profiles:

.1 Bevel vertical edges of single acting doors 3 mm in 50 mm on the lock side and 1.5 mm in 50 mm on the hinge side.

.2 Pair of doors meeting edges: Non-bevelled or Bevelled, as recommended by Manufacturer and accepted by Consultant.

.3 Finish plastic laminate smooth and flush with stile edges of door, bevel at approximately 20 degrees.

.4 Factory-prepare holes 13 mm in diameter and field-prepare larger ones except mounting and through-bolt holes, on site when installing hardware.

.5 Manufacturer's nameplates on doors are not permitted. Nameplates on hinge edge are acceptable.

2.05 FINISHES

.1 Primer materials: As required by manufacturer and/or AWMAC standards and recommendations.

.2 Shop priming for doors with opaque finish:

.1 Before applying shop primer, steam out deep scratches and ease sharp edges by sanding.

.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.

2.06 ACCESSORIES

.1 Door hardware: In accordance with Section 08 71 00 - Door Hardware.

3 EXECUTION

3.01 EXAMINATION

.1 Verification of conditions:

.1 Verify substrate and project conditions in accordance with Section 01 71 00 - Examination and Preparation, and:

.1 Verify door frames are plumb, square, level, and in plane.

3.02 INSTALLATION

.1 Install doors in accordance with manufacturer's instructions and NAAWS Section 14, in accordance with grade specified, CAN/CSA-O132.2 Series, Appendix A, CSA A440.4.

.2 Install louvres and stops in accordance with manufacturer's instructions.

.3 Install hardware in accordance with Section 08 71 00 - Door Hardware.

.4 Tolerances: To NAAWS, Section 15. Provide even margins between door and jambs, and:

.1 Hinge side: 1.0 mm.

.2 Latch side and head: 1.5 mm.

.3 Finished floor and transitions: Maximum 19 mm.

3.03 SITE QUALITY CONTROL

.1 N/A

3.04 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.

3.05 CLEANING

.1 Clean in accordance with Section 01 74 00 - Cleaning, and:

.1 Clean doors after installation to remove dust, fingerprints, and pencil marks.

.2 Clean glass and glazing materials with non-abrasive cleaner.

END OF SECTION

1 GENERAL

1.01 RELATED REQUIREMENTS

.1 Section 08 11 13 - Hollow Metal Doors and Frames

.2 Section 08 14 00 - Wood Doors

.3 Section 10 22 19 – Demountable Partitions

1.02 REFERENCE STANDARDS

.1 American National Standards Institute (ANSI)/Builders Hardware Manufacturers Association (BHMA):

.1 ANSI/BHMA A156.1-2016, Butts and Hinges

.2 ANSI/BHMA A156.2-2017, Bored and Preassembled Locks and Latches

.3 ANSI/BHMA A156.4-2019, Door Controls - Closers

.4 ANSI/BHMA A156.5-2020, Cylinders and Input Devices for Locks

.5 ANSI/BHMA A156.6-2015, Architectural Door Trim

.6 ANSI/BHMA A156.8-2015, Door Controls - Overhead Stops and Holders

.7 ANSI/BHMA A156.13-2017, Mortise Locks and Latches

.8 ANSI/BHMA A156.16-2018, Auxiliary Hardware

.9 ANSI/BHMA A156.18-2020, Materials and Finishes

.10 ANSI/BHMA A156.28-2018, Recommended Practices for Mechanical Keying Systems

.11 ANSI/BHMA A156.36-2020, Auxiliary Locks

.2 Canadian Steel Door Manufacturers' Association (CSDMA):

.1 Recommended Dimensional Standards for Commercial Steel Doors and Frames, 2000

.3 CSA Group (CSA):

.1 CSA B651-18, Accessible Design for the Built Environment

.4 Door and Hardware Institute (DHI):

.1 Sequence and Format for the Hardware Schedule, 2019

1.03 ADMINISTRATIVE REQUIREMENTS

.1 Coordination: Obtain and distribute templates for doors, frames, and other work specified to be factory prepared for installing door hardware. Coordinate with shop drawings or other Sections. Confirm that adequate previsions are made for locating and installing door hardware in accordance with indicated requirements, and as follows:

.1 Coordinate door hardware with Section 08 11 13 - Hollow Metal Doors and Frames and 08 14 00 - Wood Doors.

1.04 ACTION AND INFORMATIONAL SUBMITTALS

.1 Submit in accordance with Section 01 33 00 - Submittal Procedures.

.2 Product Data:

.1 Submit manufacturer’s product data for each type of door hardware. Include product characteristics, performance criteria, profiles, dimensions, finishes, and limitations.

.3 Contract Door Hardware Schedule: Submit schedule prepared by or under the supervision of a qualified hardware consultant detailing fabrication and assembly of door hardware.

.1 Comply with DHI Sequence and Format for the Hardware Schedule.

.2 Organize the door hardware schedule into door hardware groups indicating a complete description of every item required for each door (or opening).

.3 Indicate hardware make, model, material, function, handing, size, fastening, and finish using codes in BHMA A156.18, and other pertinent information.

.4 Include keying schedule describing how each locking device is keyed in accordance with ANSI/BHMA A156.28. Index each key type to a specific door number.

.5 Indicate location of each door hardware set, cross-referencing door numbers indicated in the Contract Documents.

.6 Include an explanation of abbreviations, symbols, and alphanumeric codes in contract hardware schedule, where applicable.

.4 Test Reports: When requested, submit certified test reports showing a product’s compliance to a specified referenced standard.

.5 Manufacturer's Instructions: Submit manufacturer's installation instructions.

1.05 CLOSEOUT SUBMITTALS

.1 Submit in accordance with Section 01 78 00 - Closeout Submittals.

.2 Operation and Maintenance Data: Submit operation and maintenance data for door hardware and incorporate into manual.

.3 Warranty Documentation: Submit manufacturer’s material and fabrication warranty.

1.06 MAINTENANCE MATERIAL SUBMITTALS

.1 Extra Stock Materials: Supply maintenance materials in accordance with Section 01 78 00 - Closeout Submittals.

.1 Tools: Supply two sets of wrenches for door closers and locksets hardware.

1.07 QUALITY ASSURANCE

.1 Qualifications:

.1 Installer: Completed door hardware projects similar in scope to this Project with a record of successful in-service performance in the past five (5) years.

1.08 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 and with manufacturer's labels.

.3 Package hardware items, including fasteners, separately or in groups of related hardware. Protect prefinished surfaces with wrapping, strippable coating, or other protective packaging. Label each package with their contents and location in building.

.4 Storage and Handling Requirements:

.1 Store materials off ground in a dry, well-ventilated indoor location, and in accordance with manufacturer's recommendations.

.2 Store and protect door hardware from scratches and other damages.

1.09 WARRANTY

.1 Provide five (5) year manufacturer warranty for door closers.

.1 Warranty period commences from date of Substantial Performance of the Work.

2 PRODUCTS

2.01 SUPPLIERS

.1 Acceptable Suppliers include:

.1 Knells

.2 Muller Hardware & Supply

.3 Tykel Commercial Door and Supply Inc.

.2 Other accepted equivalents.

2.02 DOOR HARDWARE

.1 Use products from only one manufacturer for similar items.

.2 Hinges:

.1 Basis of Design **Hollow Metal Frame**:

.1 Manufacturer: Stanley or accepted equivalent

.2 Heavy duty type

.2 Butts and Hinges: To ANSI/BHMA A156.1

.3 **Basis of Design Frameless Type:**

.1 **Manufacturer: Flush Wall Doors or approved equivalent**

.2 OTLAV IN230 Concealed Hinges or approved equivalent

.3 Locks and Latches:

.1 Bored and preassembled locks and latches: To ANSI/BHMA A156.2, series 2000 preassembled lock, grade 1 or series 4000 bored lock, grade 1, designed for function as stated in Hardware Schedule and keyed based on Owner's existing system.

.2 Interconnected locks and latches: To ANSI/BHMA A156.12, series 5000 interconnected lock, grade 1, designed for function as stated in Hardware Schedule and keyed based on Owner's existing system.

.3 Mortise Locks and Latches: To ANSI/BHMA A156.13, ANSI/BHMA A156.34, series 1000 mortise lock, grade 1, designed for function as stated in Hardware Schedule and keyed based on Owner's existing system.

.4 Lever Handles: Style as selected by Consultant from Manufacturer's standard options to match those on the third floor of the building, basis of design: Schlage Tubular (TLR) or accepted equivalent.

.5 Cylinder Collar (rose, escutcheon): Round where required.

.6 Normal strikes: Box type, lip projection not beyond jamb.

.7 Cylinders: To ANSI/BHMA A156.5, key into keying system as directed by Owner, basis of design: Schlage or accepted equivalent

.8 Finishes: To ANSI/BHMA A156.18, to be confirmed by Consultant during submittal review process.

.4 Door Closers and Accessories:

.1 Door controls (closers): To ANSI/BHMA A156.4, in accordance with ANSI/BHMA A156.4, table A1.

.2 Finishes: to be confirmed by Consultant during submittal review process.

.5 Architectural Door Trim: To ANSI/BHMA A156.6, designated by letter J and numeral identifiers as listed below.

.1 Door Protection Plates: Kick plate, 200 mm height, 1.27 mm thick stainless steel.

.2 Push Plates: 1.27 mm thick stainless steel.

.3 Push/Pull Units: combination, 1.27 mm thick stainless steel.

.6 Auxiliary hardware: To ANSI/BHMA A156.16.

.1 Wall, floor, or concealed overhead stop: as indicated in Door Schedule.

.2 Door silencer: Single stud neoprene type, black or grey colour. Self-adhesive type silencers are not acceptable.

2.03 FASTENINGS

.1 Use only fasteners provided by the manufacturer. Failure to comply may void warranties and applicable licensed labels.

.2 Supply screws, bolts, expansion shields and other fastening devices required for satisfactory installation and operation of hardware.

.3 Match exposed fastening devices to finish of hardware.

.4 Where pull is positioned on one side of the door and push plate on the other side, supply fastening devices, and install to secure pull through the door from the reverse side. Install push plate to cover fasteners.

.5 Use fasteners compatible with the material they are used in.

2.04 KEYING

.1 Doors to be keyed as directed. Prepare detailed keying schedule in conjunction with Owner's representative.

.2 Hardware for building renovation to match existing type, material and finish, and to be keyed into existing system.

.3 Provide keys in duplicates for every lock of the Work.

.4 Provide 3 master keys for each master key or grand master key group, unless otherwise requested by Owner.

.5 Stamp keying code numbers on keys and cylinders.

.6 Provide construction cores.

.7 Provide permanent cores and deliver keys to Owner's representative.

3 EXECUTION

3.01 INSTALLATION

.1 Manufacturer's Instructions: Comply with manufacturer's recommendations, including product technical bulletins, product catalogue installation instructions, product carton installation instructions, and data sheets.

.2 Provide metal door and frame manufacturers with complete instructions and templates for preparation of their work to receive hardware.

.3 Provide manufacturers' instructions for proper installation of each hardware component.

.4 Install hardware to standard hardware location dimensions in accordance with CSDMA Recommended Dimensional Standards for Commercial Steel Doors and Frames and CSA B651.

.5 Where door stop comes into contact with door pull, mount stop to strike bottom of pull.

.6 Use only manufacturer's supplied fasteners.

.1 Use of "quick" type fasteners, unless specifically supplied by manufacturer, is unacceptable.

.7 Remove construction cores when directed by Owner.

.1 Install permanent cores and confirm locks operate correctly.

3.02 ADJUSTING

.1 Adjust door hardware, operators, closures and controls for optimum, smooth operating condition, safety and for weather tight closure.

.2 Lubricate hardware, operating equipment and other moving parts.

.3 Adjust door hardware to ensure tight fit at contact points with frames.

3.03 CLEANING

.1 Progress Cleaning: Perform in accordance with Section 01 74 00 - Cleaning and as follows:

.1 Remove protective coatings and wrappings from hardware items.

.2 Final Cleaning: Perform in accordance with Section 01 74 00 - Cleaning.

3.04 DEMONSTRATION

.1 Keying System Setup and Cabinet:

.1 Set up key control system with file key tags, duplicate key tags, numerical index, alphabetical index, key change index, label shields, control book and key receipt cards.

.2 Place file keys and duplicate keys in key cabinet on their respective hooks.

.3 Lock key cabinet and provide key to Owner’s representative.

.2 Maintenance Staff Briefing: Brief maintenance staff regarding the following:

.1 Proper care, cleaning, disinfecting, and general maintenance of hardware.

.2 Description, use, handling, and storage of keys.

.3 Use, application and storage of wrenches for door closers and locksets.

.3 Demonstrate operation, operating components, adjustment features, and lubrication requirements.

3.05 PROTECTION

.1 Protect installed products and components from damage during construction.

3.06 DOOR HARDWARE SCHEDULE

.1 Refer to Door Schedule in Drawings.

END OF SECTION

1 GENERAL

1.01 RELATED REQUIREMENTS

.1 Section 07 92 00 - Joint Sealants

.2 Section 09 21 16 - Gypsum Board Assemblies

1.02 DEFINITIONS

.1 N/A

1.03 REFERENCE STANDARDS

.1 American National Standards Institute (ANSI):

.1 ANSI A108/A118/A136.1 2024, American National Specifications for the Installation of Ceramic Tile

.2 ANSI A137.1:2022, American National Standard Specifications for Ceramic Tile

.3 ANSI A137.2:2022, American National Specifications for Glass Tile

.4 ANSI A326.3-2021, American National Standard Test Method for Measuring Dynamic Coefficient of Friction of Hard Surface Flooring Materials

.2 ASTM International (ASTM):

.1 ASTM C97/C97M-18, Standard Test Methods for Absorption and Bulk Specific Gravity of Dimension Stone

.2 ASTM C207-24, Standard Specification for Hydrated Lime for Masonry Purposes

.3 ASTM C373-18, Standard Test Methods for Determination of Water Absorption and Associated Properties by Vacuum Method for Pressed Ceramic Tiles and Glass Tiles and Boil Method for Extruded Ceramic Tiles and Non-tile Fired Ceramic Whiteware Products

.4 ASTM C627-18, Standard Test Method for Evaluating Ceramic Floor Tile Installation Systems Using the Robinson-Type Floor Tester

.5 ASTM C1027-19, Standard Test Method for Determining Visible Abrasion Resistance of Glazed Ceramic Tile

.6 ASTM C1325-22e1, Standard Specification for Fiber-Mat Reinforced Cementitious Backer Units

.3 CSA Group (CSA):

.1 CSA A3000-18, Cementitious materials compendium

.2 CSA B651-18, Accessible design for the built environment

.3 CSA/ASC B651:23, Accessible design for the built environment

.4 Green Seal (GS):

.1 GS-11-21, Paints, Coatings, Stains, and Sealers

.2 GS-36-13, Adhesives for Commercial Use

.5 International Organization for Standardization (ISO):

.1 ISO 10545 Series, Ceramic tiles

.2 ISO 10545-3:2018, Ceramic tiles – Part 3: Determination of water absorption, apparent porosity, apparent relative density and bulk density

.3 ISO 10545-4:2019, Ceramic tiles – Part 4: Determination of modulus of rupture and breaking strength

.4 ISO 10545-7:1996, Ceramic tiles – Part 7: Determination of resistance to surface abrasion for glazed tiles

.5 ISO 10545-13:2016, Ceramic tiles – Part 13: Determination of chemical resistance

.6 ISO 10545-14:2015, Ceramic tiles – Part 14: Determination of resistance to stains

.7 ISO 13006:2018, Ceramic tiles – Definitions, classification, characteristics and marking

.8 ISO 13007-1:2014, Ceramic tiles – Grouts and adhesives – Part 1: Terms, definitions and specifications for adhesives

.6 Terrazzo, Tile and Marble Association of Canada (TTMAC):

.1 TTMAC Hard Surface Maintenance Guide (2017-2019)

.2 TTMAC Tile Installer Technical Handbook, (2023-2024)

.7 Tile Council of North America (TCNA):

.1 TCNA Handbook for Ceramic, Glass, and Stone Tile Installation, 2024

1.04 ADMINISTRATIVE REQUIREMENTS

.1 N/A

1.05 ACTION AND INFORMATIONAL SUBMITTALS

.1 Submit in accordance with Section 01 33 00 - Submittal Procedures.

.2 Product data: Product literature and data sheets, including product characteristics, performance criteria, physical sizes, finishes, slip resistance and limitations.

.1 Submit product data for:

.1 each type of tile

.2 primers

.3 mortars

.4 adhesives

.5 grout

.6 crack isolation membranes

.7 straight edge and transition strips

.8 sealants

.9 floor sealers

.10 thresholds

.2 Submit WHMIS SDSs for:

.1 primers

.2 adhesives

.3 sealants

.3 Samples:

.1 Samples for verification: Manufacturer’s full size samples to verify specified colours, patterns, textures, and finishes.

.1 Submit samples for:

.1 each type of tile

.2 grout sections

.3 straight edge strips

.4 transition strips

.5 reducer strips

.4 Certificates: Where products from more than one manufacturer are used in one tile assembly, submit a statement from setting material manufacturer to certify compatibility of other manufacturers' materials.

.5 Manufacturer's instructions:

.1 Special delivery, storage, and handling requirements.

.2 Installation instructions.

.3 Recommended sequencing.

.4 Cleaning procedures.

.6 Site quality control submittals: Indicate results of tests and inspections specified in SITE QUALITY CONTROL in this section.

1.06 CLOSEOUT SUBMITTALS

.1 Submit in accordance with Section 01 78 00 - Closeout Submittals.

.2 Operation and maintenance data:

.1 Include, in the operation and maintenance manual, manufacturer’s maintenance instructions and recommended cleaning materials and methods.

.1 Indicate specific warnings for maintenance materials or practices that might damage tile work.

.2 Submit TTMAC Hard Surface Maintenance Guide, in digital format and hardcopy format if requested by Owner’s representative.

1.07 MAINTENANCE MATERIAL SUBMITTALS

.1 Submit in accordance with Section 01 78 00 - Closeout Submittals.

.2 Extra stock materials:

.1 Supply minimum 2% of each type and colour of installed tile.

.2 Supply extra stock materials from the same production run as installed materials.

1.08 QUALITY ASSURANCE

.1 Qualifications:

.1 Installers:

.1 Minimum five (5) years documented acceptable experience in the installation of floor and wall tile, with a minimum of five (5) projects of similar scale within the past five (5) years.

.2 Provide written documentation of experience if requested by Consultant.

1.09 DELIVERY, STORAGE, AND HANDLING

.1 Deliver, store, and handle materials in accordance with Section 01 61 00 - Common Product Requirements, and:

.1 Examine materials upon delivery. Open boxes and confirm materials match reviewed samples, are free from defects or damage detrimental to final appearance and installation. Tile materials factory marked as seconds or that are not consistent with materials submitted for review are not acceptable.

.2 Verify tiles with colour/pattern variations were blended at the factory, so tile units taken from one package show the same range of colours/patterns as those taken from other packages. If tiles are packaged without factory blending, blend tiles on site before installation.

.3 Store cementitious materials indoors, in dry location, protected from foreign materials.

.4 Protect adhesives, fillers, and sealants from freezing.

1.10 SITE CONDITIONS

.1 Ambient conditions:

.1 Maintain air temperature and substrate temperatures at tile installation area above 12 °C for 48 hours before, during, and 48 hours after installation.

.2 Install tiles at temperatures between 12 °C and 38 °C.

.3 Install epoxy mortar and grouts at temperatures between 15 °C and 25 °C.

.4 Provide additional heat when there is a risk surface temperatures may drop below manufacturer’s recommended temperatures.

2 PRODUCTS

2.01 COMMON PRODUCT REQUIREMENTS

.1 Provide floor tile products manufactured and tested in accordance with ANSI A108/A118/A136.1, ANSI A137.1 or ISO 10545 Series.

2.02 FLOOR & WALL TILE

.1 Type TL-1: Ceramic Tile:

.1 Basis of Design: Centura, RAL Vision

.1 Size: Nominal 100 mm × 300 mm.

.2 Sheen: Gloss

.3 Colour: White

.2 Accepted equivalents.

.2 Type TL-2: Ceramic Tile:

.1 Basis of Design: ~~Centura, RAL Vision~~ **Centura, Stick Glossy ST31G**

.1 Size: Nominal ~~100 mm × 300 mm.~~ **285mm x 298 mm sheets.**

.2 Sheen: Gloss

.3 Colour: As selected by Owner and Consultant from Manufacturer's full standard range

.2 Accepted equivalents.

.3 Type TL-3: Ceramic floor tile

.1 Basis of Design: Centura, Subway

.1 Size: Nominal 600 mm × 600 mm.

.2 Colour: Ash

.2 Accepted equivalents.

2.03 MORTAR, ADHESIVE, AND GROUT MATERIALS

.1 Primers: Low viscosity primer as recommended by manufacturer to suit substrates and site conditions. Submit proof of bonding ability of setting system if manufacturer says primer is not required.

.2 Surface preparation materials:

.1 Portland cement mortar: Scratch and bond coat, Levelling bed containing the following:

.1 Portland cement: To CSA A3000, Type GU.

.2 Hydrated lime: To ASTM C207, Type as recommended by Manufacturer.

.3 Sand: To ASTM C144, passing 1.18 mm sieve.

.4 Water: Potable, free of minerals and chemicals which are detrimental to mortar and grout mixes.

.2 Self-levelling and smoothing underlayment: To ANSI A108.01, Type 2, cementitious self-leveling smoothing underlayment, capable of a feather edge. Products containing gypsum are not acceptable.

.1 Acceptable products:

.1 Planipatch, by Mapei Inc.

.2 TEC VersaPatch TA-327, by H.B Fuller Construction Products Inc.

.3 Laticrete 816 Latipatch Rapid Underlayment, by Laticrete International Inc.

.4 ARDEX Liquid BackerBoard Underlayment, by Ardex Engineered Cements.

.5 Other acceptable equivalent products.

.3 Wall tile systems:

.1 Thin set interior installations: To ANSI A118.1, dry set mortar, formulated for thin set applications, factory sanded mortar consisting of Portland cement, sand, and additives requiring only addition of potable water for installation with bond enhancing latex additive.

.4 Floor tile systems:

.1 Large Format Tile set interior installations: To ANSI A118.4, latex-Portland cement mortar, rated for specified floor traffic loadbearing performance.

.1 Ensure compatibility between mortar and crack isolation membrane.

.2 Acceptable products:

.1 Ultraflex LFT by Mapei Inc.

.2 Laticrete 220/333, by Laticrete International Inc.

.3 TEC Ultimate Large Tile Mortar 382/383, by H.B Fuller Construction Products Inc.

.4 ProLite Tile and Stone Mortar, by Custom Building Products.

.5 ARDEX X77 MICROTEC Fibre-Reinforced Thin Set Mortar, by Ardex Engineered Cements.

.6 Other acceptable equivalent products.

.5 Adhesive systems:

.1 Organic adhesive: To ANSI A136.1, CGSB 71-GP-22M, Type 1, thin set wall tile adhesive system; non-flammable, water-resistant, latex adhesives, recommended for interior applications.

.1 Acceptable Products:

.1 Ultra/Mastic 1 by Mapei Inc.

.2 TEC TA-101 Adhesive, by H.B Fuller Construction Products Inc.

.3 Latamastic 9, by Laticrete International Inc.

.4 TripleGrip, by Custom Building Products.

.5 ARDEX D14 Premixed Tile Adhesive, by Ardex Engineered Cements.

.6 Other acceptable equivalent products.

.6 Grout: With non-fading pigments.

.1 Epoxy grout: To ANSI A118.3, ANSI A118.6, water-cleanable, chemical-resistant, factory blended modified Portland cement compound, 100% epoxy additives and hardeners.

.1 Acceptable Products:

.1 Kerapoxy, by Mapei Inc.

.2 SpectraLOCK PRO, by Laticrete International Inc.

.3 TEC AccuColor EFX, by H.B Fuller Construction Products Inc.

.4 CEG 2000, by Custom Building Products.

.5 ARDEX WA Epoxy Grout/Adhesive, by Ardex Engineered Cements.

.6 Other acceptable equivalent products.

.2 Grout colours: As selected by Consultant from manufacturer’s samples.

2.04 MIXES

.1 Mix premanufactured mortars and grouts in accordance with ANSI A108/A118/A136.1, and mortar and grout manufacturers' instructions. Perform site mixing to add water only.

.2 Mix thoroughly to smooth, homogeneous consistency. Avoid air entrapment and prolonged mixing.

.3 Let slake ten (10) to fifteen (15) minutes. Re-stir without adding liquid.

2.05 ACCESSORIES

.1 Crack isolation membranes: To ANSI A108.01 and ANSI A118.12, loadbearing, liquid-applied, lightweight fabric reinforced membrane. Thickness recommended by manufacturer to accommodate in-plane substrate movement of two (2) mm in thin set application.

.1 For use at all floor tile locations.

.2 Acceptable Products:

.1 Mapelastic PRP-M19, by Mapei Inc.

.2 Laticrete Blue 92 Anti-Fracture Membrane, by Laticrete International Inc.

.3 TEC Triple Flex TA-324, by H.B Fuller Construction Products Inc.

.4 Other acceptable equivalent products.

.2 Latex additive: Formulated for use in Portland cement mortars and grouts.

.3 Water: Potable, clean, and free of chemicals and contaminants detrimental to mortar and grout mixes.

.4 Straight edge, transition strips and thresholds: Purpose made with integral perforated anchoring leg for setting transition strip into setting material, with manufacturer’s alignment connector and end pieces.

.1 Material: Clear anodized extruded aluminum.

.2 Profile: As selected by the Consultant from Manufacturer's samples, based on Manufacturer's recommended type for each type of adjacent flooring.

.3 Height: In accordance with CSA B651, CSA/ASC B651, and as required to suit tile and adjacent floor finish installations.

.5 Sealants: Neutral-cure, non-sag, 100% silicone sealant, mold and mildew resistant, in accordance with Section 07 92 00 - Joint Sealants.

.1 Colour: Match adjacent grout colour.

.2 Acceptable Products:

.1 ARDEX SX Silicone Sealant, by Ardex Engineered Cements.

.2 TEC 100% Silicone, by H.B Fuller Construction Products Inc.

.3 Other acceptable equivalent products.

.6 Tile Grout Release Sealer: Water-based silicone, pre-grout sealer.

.1 Acceptable products:

.1 511 H2O Water Base Penetrating Sealer, by Miracle Sealants Company.

.2 GroutRite, by H.B Fuller Construction Products Inc..

.3 Aquamix Penetrating Sealer, by Custom Building Products.

.4 Other acceptable equivalent products.

3 EXECUTION

3.01 EXAMINATION

.1 Verification of conditions:

.1 Verify substrate and project conditions in accordance with Section 01 71 00 - Examination and Preparation, and:

.1 Verify concrete slabs are sufficiently dry to bond with adhesive, in accordance with manufacturers' recommended bond and moisture test methods.

.2 Examine substrates and conditions where tile will be installed for compliance with requirements for installation tolerances and other conditions affecting performance of installed tile.

.3 Verify substrates for bonding tile are firm, dry, clean, and free from oil, waxy films, and curing compounds.

.4 Verify installation of grounds, anchors, recessed frames, electrical and mechanical items, and similar products located in, behind, or through tiling is complete.

.5 Verify substrate and backing surface flatness tolerances. Existing conditions need to be reviewed and are considered the starting flatness for work of this section:

.1 Large format floor tile: Tiles with any side greater than 380 mm require minimum FF50, equivalent to 3 mm with maximum two gaps under 3000 mm straightedge.

.2 Standard format wall tile: Tiles from 100 mm × 100 mm, with all sides less than 380 mm require minimum FF35, equivalent to 5 mm with maximum two gaps under a 3000 mm straightedge.

.2 Pre-installation testing:

.1 Test concrete substrates in accordance with ASTM F2170.

.1 Confirm manufacturer's acceptable relative humidity before testing.

.2 Conduct moisture tests on concrete slabs, one test per 3 square metres (m^2) of floor area.

.3 Maintain a minimum substrate temperature of 13 °C during testing.

3.02 PREPARATION

.1 Thoroughly clean substrate surfaces. Remove grease, oil, dust film, concrete surface film-forming products, concrete curing agents, and other contaminants that could reduce adhesion within bonding systems.

.1 Clean the back of each tile before installation to remove surface contaminants, cutting residue, firing release dust, and other debris detrimental to bond and final surface appearance.

.2 Crack Suppression membrane: Install membranes in accordance with TTMAC Tile Installer Technical Handbook and membrane manufacturers' instructions.

.3 Surface levelling: Apply self-levelling mortar to make backing surfaces flat and true to tolerances in plane listed for performance requirements:

.1 Install levelling materials at slight substrate irregularities.

.2 Provide self-levelling materials for thicknesses less than 8 mm where thin set tile methods are used.

.3 Provide mortar bed levelling materials for thicknesses 8 mm and greater.

3.03 GENERAL INSTALLATION REQUIREMENTS

.1 Perform tile work in accordance with TTMAC Tile Installer Technical Handbook and ANSI A108/A118/A136.1.

.2 Lay tile in patterns indicated on Drawings or indicated by Consultant in writing and:

.1 Align joints when adjoining tiles on floor, base, walls, and trim are the same size.

.2 Lay out tile work and centre tile sites in both directions in each space or on each wall area.

.3 Minimum tile width is one-third unit size.

.4 Adjust tile layout to minimize tile cutting.

.5 Make joints between tile uniform, plumb, straight, true, and flush with adjacent tile.

.3 Extend tiles into recesses and under equipment and fixtures to create a complete uninterrupted floor covering and wall covering.

.1 Terminate work neatly at obstructions, edges, and corners without disrupting pattern or joint alignments.

.2 Do not split tile.

.3 Cut edges smooth, even, and free from chips.

.4 Fit tiles around corners, fitments, fixtures, drains, and other built-in objects. Accurately form intersections and returns.

.1 Fit tiles closely to electrical outlets, piping, fixtures, and other penetrations so that plates, collars, and covers overlap tile.

.5 Cut and drill tile accurately and without damage.

.1 Carefully grind exposed cut tile edges or tile edges abutting trim, finishes, or built-in items for straight aligned joints.

.6 Sound tiles after setting and replace hollow-sounding units to obtain full bond.

.7 Slope floor tile towards floor drains in thick-bed mortar installations.

.8 Tile set in mortar beds: Wait minimum 24 hours after tile installation before grouting.

.9 Bonding bed installation: Set tile in place while bond coat is wet and tacky.

.1 Apply a coat of mortar with pressure using the trowel's flat side to key the mortar into the substrate. Apply additional mortar, combing it in a single direction parallel to the tile's shortest dimension, with the trowel's notched side.

.2 Back butter larger tiles and installations with moderate or higher loadbearing performance requirements.

.3 Place tiles firmly into the wet mortar. Push tiles back and forth, perpendicular to trowel lines, to collapse mortar ridges and help achieve maximum coverage.

.4 Verify corners and edges are fully supported by bonding material. Periodically pick up and inspect freshly installed tiles.

.5 Set tiles to prevent lippage greater than 1 mm over a 3 mm grout joint.

.6 Keep two-thirds of grout joint depth free of bonding materials.

.7 Clean excess bonding materials from tile surface before bonding materials' final set.

.8 Sound tiles after bonding materials have cured. Replace hollow sounding tiles before grouting.

.10 Back buttering:

.1 Achieve 100% mortar coverage of tile in accordance with TTMAC Tile Installer Technical Handbook, TCNA Handbook for Ceramic, Glass, and Stone Tile Installation and ANSI A108/A118/A136.1 for:

.1 Tiles at exterior locations.

.2 Tiles at shower areas.

.3 Tiles installed with chemical-resistant mortars and grouts.

.4 Tiles with any side 300 mm or larger.

.5 Tiles with raised or textured backs.

.6 Tile installation areas rated for heavy or extra heavy duty.

.7 Porcelain tiles with more than 20% of the tile back covered with firing release dust.

.8 Back buttered tiles with adhesive mortar rated in accordance with ASTM C627, extra heavy duty rating (passing cycles 1 though 14).

.11 Tolerances:

.1 Maximum surface tolerance: 1:800.

3.04 ACCESSORY INSTALLATION

.1 Install straight edge or transition strips as indicated on Drawings and where floor tiling edge abuts different floor finishes. Provide sloped profile transition strips where uneven transitions occur between 6 mm and 13 mm.

3.05 GROUT INSTALLATION

.1 Install grout in accordance with manufacturer’s instructions, and the TTMAC Tile Installer Technical Handbook.

.1 Allow proper setting time before application of grout.

.2 Pre-seal or wax tiles that require protection from grout staining.

.3 Force grout into the joints with a rubber grout float. Make sure all joints are well-compacted and free of voids and gaps.

.4 Remove excess grout in accordance with manufacturer's instructions and polish tile with clean cloths.

3.06 CONTROL JOINTS

.1 Provide control joints around perimeter of large areas, around columns, in locations where area changes direction and where tile abuts other hard material. Place control joints directly over subfloor expansion/control joints.

.2 Provide caulked joints at all internal wall corners and between wall and floor tile.

3.07 SITE QUALITY CONTROL

.1 Site tests and inspections:

.1 Perform in accordance with Section 01 45 00 - Quality Control.

.2 Confirm tile is set flush and level with adjacent tiles.

.3 Identify broken, cracked, hollow sounding, and damaged tiles.

.4 Confirm accessories are installed correctly.

.5 Confirm flexible grouting and joint sealants are installed correctly.

.6 Confirm installation is complete and in accordance with this section.

3.08 CLEANING

.1 Clean in accordance with Section 01 74 00 - Cleaning, and:

.1 Clean tile surfaces so they are free of foreign matter using manufacturer recommended cleaning products and methods after completing grouting.

.2 Remove grout residue from tile as soon as possible.

.3 Unglazed tile may be cleaned with acid solutions only when permitted by tile and grout manufacturer's instructions, but no sooner than ten (10) days after installation. Protect metal surfaces, cast iron, and vitreous plumbing fixtures from effects of acidic solution cleaning.

.4 Flush surface with clean water before and after cleaning.

3.09 PROTECTION

.1 Protect partially installed and completed work from damage in accordance with Section 01 76 00 - Protecting Installed Construction, and:

.1 Protect finished tile floor areas from traffic until setting materials have sufficiently cured in accordance with TTMAC Tile Installer Technical Handbook.

.2 Prevent foot and wheel traffic from tile floors for minimum seventy-two (72) hours after completion of grouting.

.3 Use stepping boards where access is required for light foot traffic only after twenty-four (24) hours from completion of grouting.

.4 Protect tile flooring from water immersion for minimum twenty-one (21) days after completion of tile work.

.5 Protect wall tiles and bases from impact, vibration, and heavy hammering on adjacent and opposite walls for a minimum of fourteen (14) days after installation.

3.10 SCHEDULES

.1 Tile Schedule: Refer to Drawings.

END OF SECTION

1 GENERAL

1.01 RELATED REQUIREMENTS

.1 Section 09 65 19 - Resilient Tile Flooring

1.02 DEFINITIONS

.1 N/A

1.03 REFERENCE STANDARDS

.1 Canadian General Standards Board (CGSB):

.1 CAN/CGSB-4.2, Textile Test Methods

.2 CAN/CGSB-4.129-93, Carpet for Commercial Use

.3 CAN/CGSB-25.20, Surface Sealer Floors

.2 Carpet and Rug Institute (CRI):

.1 CRI 104-2015, Standard for Installation of Commercial Carpet

.2 CRI 204-2019, Commercial Carpet Standard for Maintenance and Cleaning

.3 CRI IAQ Carpet Testing Program

.3 International Organization for Standardization (ISO):

.1 ISO 2551:2020, Textile floor coverings and textile floor coverings in tile form — Determination of dimensional changes due to the effects of varied water and heat conditions and distortion out of plane

.4 ULC Standards (ULC):

.1 CAN/ULC-S102.2:2018, Standard Method of Test for Surface Burning Characteristics of Flooring, Floor Coverings, and Miscellaneous Materials and Assemblies

1.04 ADMINISTRATIVE REQUIREMENTS

.1 Sequencing:

.1 Install tile carpeting after:

.1 wet-work in areas is complete and dry

.2 work above ceilings is complete

.3 ceiling work is complete

.2 Install tile carpeting before:

.1 demountable office partitions are installed

.2 electrical and communications pedestals are installed

1.05 ACTION AND INFORMATIONAL SUBMITTALS

.1 Submit in accordance with Section 01 33 00 - Submittal Procedures.

.2 Product data: Product literature and data sheets, including product characteristics, performance criteria, physical sizes, colours and patterns, example warranty documentation.

.1 Submit product data for:

.1 each type of carpet tile

.1 Indicate locations by room number and/or marked up plan drawing, installation pattern (monolithic, ashlar, quarter turn, etc.), direction of carpet pile / pattern

.2 subfloor patching compounds

.3 water vapour emission sealers

.4 primers

.5 adhesives

.6 edge and transition strips

.1 Indicate locations by room number and/or marked up plan drawing

.7 resilient wall base

.2 Submit WHMIS SDSs for:

.1 primers

.2 adhesives

.3 water vapour emission sealers

.3 Samples:

.1 Manufacturer’s full size samples to verify specified / selected colours, patterns, textures, and finishes.

.1 Submit samples for:

.1 carpet tiles, each type, pattern, and colour specified

.2 edge and transition strips

.3 resilient wall base

.2 Provide minimum two (2) samples for each unique type/colour of Carpet. Provide one physical sample to Consultant and one to Owner for review.

.1 Samples shall be mailed or hand delivered to both Consultant and Owner unless arrangement for pick-up specifically coordinated with a on-site meeting. Hand over at an on-site meeting is only an acceptable option if it does not cause delay in project schedule.

.3 Samples will not be returned.

.4 Test and evaluation reports:

.1 Indicating carpet tile flame-spread rating and smoke developed classification acceptable to the authority having jurisdiction, and in accordance with what is specified below in this section.

.2 Indicating proof of carpet being tested and passing of the Indoor Air Quality (IAQ) Carpet Testing Program requirements of the Carpet and Rug Institute.

.5 Manufacturer's instructions:

.1 Special delivery, storage, and handling requirements.

.2 Installation instructions.

.3 Recommended sequencing.

.4 Cleaning procedures.

.5 Keep a copy on site during installation.

.6 Site quality control submittals: Indicating results of pre-installation testing specified below in this section. Describe locations of each test.

1.06 CLOSEOUT SUBMITTALS

.1 Submit in accordance with Section 01 78 00 - Closeout Submittals.

.2 Operation and maintenance data:

.1 Include, in the operation and maintenance manual, manufacturer's maintenance instructions and recommended cleaning materials and methods.

.2 Include information on future recycling of tile carpeting, such as manufacturer's reprocessing program.

.3 Warranty documentation: Submit manufacturer's material warranty.

1.07 MAINTENANCE MATERIAL SUBMITTALS

.1 Submit in accordance with Section 01 78 00 - Closeout Submittals.

.2 Extra stock materials:

.1 Supply extra materials from the same production run as installed products. Package extra materials with protective covering and identify with labels.

.2 Supply minimum:

.1 5% of installed area of each type of carpet, with minimum one (1) box.

.2 5% of each type of edge and transition strips, minimum three (3) m lengths.

1.08 QUALITY ASSURANCE

.1 Qualifications:

.1 Manufacturer: Minimum ten (10) years experience in the manufacturing of commercial carpet tile.

.2 Installer:

.1 Minimum three (3) years documented successful experience in the installation of commercial carpet tile.

.2 Apprentices are acceptable when under direct supervision of qualified journeyperson in accordance with applicable trade regulation.

1.09 DELIVERY, STORAGE, AND HANDLING

.1 Deliver, store, and handle materials in accordance with Section 01 61 00 - Common Product Requirements, and:

.1 Store carpet and adhesive at a minimum 18 °C and relative humidity of a maximum 65%, for a minimum 48 hours before installation.

1.10 SITE CONDITIONS

.1 Ambient conditions:

.1 Substrate: Moisture emission limits and alkalinity limits as recommended by the carpeting manufacturer.

.2 Temperature: Maintain minimum 18 °C ambient temperature for minimum 48 hours before, during, and minimum 48 hours after installation.

.3 Relative humidity: Maintain between 10% and 65% for minimum 48 hours before, during, and minimum 48 hours after installation.

.2 Ventilation:

.1 Ventilate installation areas in accordance with Section 01 51 00 - Temporary Utilities. Use approved portable supply and exhaust fans.

.2 Run ventilation continuously for minimum 24 hours before, during, and minimum seven (7) days after installation.

1.11 WARRANTY

.1 Manufacturer warranty: Manufacturer's standard warranty document, executed by authorized company official. Manufacturer's warranty is in addition to, and not a limitation of, other rights the Owner may have under the Contract.

.1 Manufacturer’s warranty period: 10 years minimum, starting from date of Substantial Performance of the Work.

.2 Warranty coverage:

.1 Excessive surface wear: More than 15% loss of pile fibre weight.

.2 Resiliency: More than 10% loss of backing.

.3 Delamination of backing.

.4 Edge ravel.

.5 Zippering.

.6 Exclusions: Where caster wheeled chairs are located directly over seams without chair protectors.

.2 Installation Warranty:

.1 Provide a written guarantee stating that carpet installation is guaranteed against defects for two (2) years from Date of Substantial Performance.

2 PRODUCTS

2.01 TILE CARPETING

.1 Basis of Design (CAR-1):

.1 Type: Multi-level pattern loop carpet tile with ecoworx backing, ecosolution Q100 Nylon fibre, 100% solution dyed.

.1 Manufacturer: Shaw Contract

.2 Style: ~~Weft Tile, 5T654~~ **Flat Weave 5T321**

.3 Colour: ~~Rovina, 48510~~ **Argan 01100**

.4 Tile size: 230 mm x 910 mm.

.5 Installation Pattern: ~~Stagger.~~ **As selected by Consultant and Owner.**

.6 Provide each carpet type from same dye lot.

.2 Accepted equivalent.

.2 **Basis of Design (CAR-2):**

.1 **Type: Multi-level pattern loop carpet tile with ecoworx backing, ecosolution Q100 Nylon fibre, 100% solution dyed.**

.1 **Manufacturer: Shaw Contract**

.2 **Style: Exchange Tile 5T304**

.3 **Colour: Argan 01100**

.4 **Tile size: 230 mm x 910 mm.**

.5 **Installation Pattern: As selected by Consultant and Owner.**

.6 **Provide each carpet type from same dye lot.**

.2 **Accepted equivalent.**

.3 **Basis of Design (CAR-3):**

.1 **Type: Multi-level pattern loop carpet tile with ecoworx backing, ecosolution Q100 Nylon fibre, 100% solution dyed.**

.1 **Manufacturer: Shaw Contract**

.2 **Style: Process Tile 5T302**

.3 **Colour: Argan 01100**

.4 **Tile size: 230 mm x 910 mm.**

.5 **Installation Pattern: ~~Stagger.~~ As selected by Consultant and Owner.**

.6 **Provide each carpet type from same dye lot.**

.2 **Accepted equivalent.**

.4 Regulatory requirements:

.1 Comply with HC SOR/2016 176.

.2 Surface burning characteristics: To CAN/ULC S102.2.

2.02 ACCESSORIES

.1 Subfloor patching compound: Smooth trowelling, fast setting, non-shrinking, pre-mixed filler with Portland cement and polymeric modifiers, suitable for substrate conditions, and in accordance with manufacturer's instructions.

.1 28-day compressive strength: Minimum 20 MPa.

.2 Basis of design: "Planipatch", by Mapei or approved equivalent.

.2 Water vapour emission sealer: Liquid-applied, should on-site testing indicate that water vapour emissions is a concern for the existing concrete floor slab or new repairs.

.1 Reduces water vapour emissions through concrete slab and/or subfloor patching compound to acceptable levels and provides a permanent barrier between concrete alkalinity and carpeting.

.2 VOC and other chemical limits for on-site, wet-applied products: To ECCC SOR/2009-264.

.3 Basis of design: "Planiseal MRB", by Mapei or approved equivalent.

.3 Primer: When recommended for site conditions, type in accordance with manufacturer's instructions for surface conditions.

.1 VOC and other chemical limits for on-site, wet-applied products: To ECCC SOR/2009-264.

.4 Adhesives: Water-resistant type recommended by carpet and adhesive manufacturers for site conditions and application, compatible with carpet tile backing, and low VOC content in accordance with CRI requirements.

.1 Types:

.1 Pressure sensitive: For releasable carpet installation.

.2 Multi-purpose.

.5 Edge and transition strips: To CSA B651, CSA/ASC B651 for maximum vertical rise and slope.

.1 Aluminum: Designed for carpet tile to other adjacent materials as indicated on the Drawings.

.1 Surface texture: Smooth.

.2 Widths / Profile:

.1 As required to comply with the maximum vertical rise and slope requirements of CSA and the Ontario Building Code.

.3 Finish: Clear anodic coating unless otherwise selected by the Consultant from manufacturer's samples.

.2 Resilient rubber:

.1 Bevelled floor flange, width as selected from manufacturer’s standard offerings, maximum width 38mm.

.2 Bevelled surface to finish flush with carpet tile for tight joint and other side to floor finish.

.3 Colour: As selected by the Consultant from manufacturer's standard offerings.

.6 Resilient wall base: In accordance with Section 09 65 19 - Resilient Tile Flooring.

.7 Carpet Protection: Non-staining heavy-duty kraft paper, or cardboard.

3 EXECUTION

3.01 EXAMINATION

.1 Verification of conditions:

.1 Verify substrate and project conditions in accordance with Section 01 71 00 - Examination and Preparation, and:

.1 Verify conditions comply with manufacturer’s recommendations and CRI 104.

.2 Verify concrete substrates are cured, clean, and dry.

.3 Verify concrete substrates are free of paint, dirt, grease, oil, curing or parting agents, and other contaminates, including sealers, that could interfere with the bonding of adhesive.

.2 Pre-installation testing:

.1 Concrete slab testing: Perform two tests per 20 m^2 of floor area to determine special care required to make it suitable for carpet installation.

.1 Moisture vapour emission rate: To ASTM F1869.

.2 Relative humidity: To ASTM F2170.

.3 Alkalinity: To ASTM F710.

3.02 PREPARATION

.1 Surface preparation:

.1 Prepare surfaces in accordance with Section 01 71 00 - Examination and Preparation, and:

.1 Comply with CRI 104.

.2 Fill and level cracks 3 mm wide and protrusions over 0.8 mm with appropriate and compatible subfloor patching compound.

.3 Apply sub-floor filler/patch to low spots to achieve floor level to a tolerance of 1:500. Allow to cure.

.4 Comply with manufacturer’s instructions for maximum patch thickness.

.5 Prime large patch areas with compatible primer.

.6 Apply water vapour emission sealer if pre-installation tests indicate moisture emission rate or alkalinity exceed carpet tile recommendations.

.2 Pre-condition tile carpeting for minimum 48 hours in accordance with manufacturer's recommendations.

3.03 INSTALLATION

.1 Install tile carpeting in accordance with manufacturer's instructions, reviewed submittals and CRI 104.

.2 Install carpet tiles from same dye lot within each room/visual area.

.3 Installation pattern: As indicated on Drawings, or as selected by Consultant from manufacturer's recommendations in submittal review.

.4 Install tile carpeting with tight joints.

.1 Measure distance covered by eleven carpet tiles ten joints and confirm distance is within manufacturer's recommendations.

.5 Apply thin film of pressure-sensitive or multi-purpose adhesive, as recommended by manufacturer for substrate type, in accordance with manufacturer's instructions.

.6 Fit tightly to architectural, mechanical, electrical, and communications features, furniture, and fitments.

.7 Fit tightly to room perimeters, into recesses, and around projections.

.8 Install tile carpeting into toe spaces, door reveals, closets, open-bottomed obstructions, removable flanges, alcoves, and similar openings.

.9 Install tile carpeting in pan type floor access covers.

.10 Terminate flooring under centreline of door, in openings where adjacent floor finish material or colour are dissimilar.

.11 Install tile carpeting with continuous, level surface without bubbles, puckers, gaps, conspicuous seams, burring, or other deficiencies.

.12 Install edge strips at exposed carpet tile edges.

.13 Install transition strips where tile carpeting is adjacent to other flooring materials, at locations indicated in Drawings or as otherwise recommended by manufacturer and/or installer to protect edge of tile carpeting or adjacent flooring material type.

3.04 WALL BASE INSTALLATION

.1 Resilient base: In accordance with Section 09 65 19 - Resilient Tile Flooring.

3.05 SITE QUALITY CONTROL

.1 Non-conforming work: Trapped yarn between carpet tiles and glue residue on the face of carpet tiles are not acceptable.

3.06 CLEANING

.1 Clean in accordance with Section 01 74 00 - Cleaning, and:

.1 Clean excess adhesive off tile carpeting promptly after installation using methods and materials recommended by carpet tile and adhesive manufacturers.

.2 Vacuum carpets immediately after completion of installation in accordance with CRI 204.

.3 Replace carpet tiles that cannot be cleaned to the acceptance of the Consultant.

3.07 PROTECTION

.1 Protect partially installed and completed work from damage:

.1 Prohibit traffic on installed carpet for minimum 24 hours or longer if recommended by carpet manufacturer, and until adhesive is completely cured.

.2 Temporarily protect carpet with non-staining heavy duty kraft paper, unless otherwise recommended differently by manufacturer.

3.08 SCHEDULES

.1 Refer to finishes in Drawings.

END OF SECTION

1 GENERAL

1.01 RELATED REQUIREMENTS

.1 Section 09 51 13 – Acoustical Panel Ceilings

1.02 REFERENCE STANDARDS

.1 ASTM International (ASTM):

.1 ASTM A641/A641M-19, Standard Specification for Zinc-Coated (Galvanized) Carbon Steel Wire

.2 ASTM C423-17, Standard Test Method for Sound Absorption and Sound Absorption Coefficients by the Reverberation Room Method

.3 ASTM E795-16, Standard Practices for Mounting Test Specimens During Sound Absorption Tests

.2 ULC Standards (ULC):

.1 CAN/ULC-S102-10, Standard Method of Test for Surface Burning Characteristics of Building Materials and Assemblies

1.03 ADMINISTRATIVE REQUIREMENTS

.1 Coordination:

.1 Coordinate installation of acoustical ceiling panels with other work penetrating ceilings including Diffusers, Registers, Grilles, Fire Suppression and Lighting.

.2 Coordinate installation of hanging acoustical ceiling units with Sprinkler Systems to avoid affecting sprinkler head water distribution pattern.

.2 Sequencing: Begin work of this Section after work of Section 09 91 23 - Interior Painting is complete and dry.

1.04 ACTION AND INFORMATIONAL SUBMITTALS

.1 Submit in accordance with Section 01 33 00 - Submittal Procedures.

.2 Product Data: Submit product data for each acoustic product and each type of mounting hardware. Describe components, and list noise reduction coefficient (NRC) value(s), flame spread rating(s), smoke developed classification(s) and required clearances.

.3 Shop Drawings:

.1 Submit shop drawings indicating elevation of each interior wall and interior ceiling with dimensioned acoustic room components. Locate acoustic products with dimensions to nearby walls, door and window frames. Include details of penetrations through acoustic panels/units.

.4 Samples for Initial Selection: Submit 150-mm x 150-mm samples of acoustic room components illustrating complete range of colours and patterns for Consultant’s selection.

.1 Provide two (2) complete sets of samples. Deliver one (1) set to Owner and one (1) to Consultant.

.5 Samples for Verification: Submit duplicate 200-mm x 300-mm nominal samples of each type of acoustic room component illustrating finish, dimensions, and edge condition.

.1 Provide two (2) complete sets of samples. Deliver one (1) set to Owner and one (1) to Consultant.

.6 Test and Evaluation Reports: When requested by Consultant, submit certified test reports from recognized test laboratories substantiating product performance values.

.7 Qualification Statements: Submit installer's qualifications and project references, when requested by Consultant in accordance with Section 01 43 00 – Quality Assurance.

1.05 CLOSEOUT SUBMITTALS

.1 Operation and Maintenance Data: Submit manufacturer's recommendations for cleaning acoustic room components. Include recommended cleaning products and procedures, and warnings of products that could cause damage to finishes.

.2 Warranty Documentation: Submit manufacturer's warranty for each type of acoustic room component.

1.06 MAINTENANCE MATERIAL SUBMITTALS

.1 Extra Stock Materials:

.1 Supply extra materials of each acoustic room component type in accordance with Section 01 78 00 - Closeout Submittals.

.2 Supply a sufficient amount of acoustic room components for maintenance use amounting to 10% of installed work for each colour, pattern, size, and type required for the Project.

1.07 QUALITY ASSURANCE

.1 Qualifications:

.1 Manufacturer: Provide all acoustic panel products of the same type from a single manufacturer.

.2 Installer: Three (3) years of successful experience installing acoustic units of similar scope to this Project.

1.08 DELIVERY, STORAGE, AND HANDLING

.1 Perform in accordance with Section 01 61 00 - Common Product Requirements.

.2 Handle acoustic units wearing clean non-marking gloves. Avoid damaging corners, chipping edges, or scratching visible surfaces.

.3 Store acoustic units in manufacturer's original packaging with labels, and in a dry indoor location, away from direct sunlight. Store units in a way that prevents sagging and other deformation.

1.09 SITE CONDITIONS

.1 Begin installation after building is enclosed and dust generating activities are completed.

.2 Allow wet work to dry before beginning installation.

.3 Maintain a uniform minimum temperature of 5°C and relative humidity of 25-85% for at least 72 hours before, during, and until adhesives have cured.

1.10 WARRANTY

.1 Manufacturer's Warranty: two (2) years minimum for defects in materials and manufacturing from date of Substantial Performance.

2 PRODUCTS

2.01 REGULATORY REQUIREMENTS

.1 Acoustic room components to comply with the following fire hazard classifications to CAN/ULC-S102:

.1 Flame Spread Rating: Class A

2.02 FIXED SOUND-ABSORPTIVE PANELS

.1 Manufacturer: As listed in SCHEDULE below in this Section or accepted equivalent.

.2 Polyethylene Terephtahalate (PET) felt Acoustic Wall Panels: Minimum 50% recycled content.

.3 System NRC to ASTM C423: ~~0.55~~ **0.25** minimum.

.4 Panel Size: **300** ~~600~~ mm x **300** ~~600~~ mm minimal size up to 1200 mm x 3050 mm maximum size, nominal.

.5 Panel Thickness: 12 mm minimum, as required to meet the specified NRC value**, unless otherwise accepted by Consultant and Owner during submittal process**.

.6 Edge Profile: Square or Bevel-butt, as selected by Consultant.

.7 Surface Texture: Smooth, consistent on all panels, with etched bevel pattern **and/or 3D pattern**.

.8 Panel Face Surface Colour: colour as selected from manufacturer's complete colour range by Consultant.

.9 Mounting Type: Construction Adhesive or Z-clip or mounting clip, as recommended by Manufacturer.

.10 Accessories:

.1 Strip for flat-fill as needed to fit wall-to-wall and around horizontal cutouts.

2.03 SOUND-ABSORBING CEILING UNITS

.1 Manufacturer: As listed in SCHEDULE below in this Section or accepted equivalent.

.2 Acoustically absorbing ceiling hung PET baffles and acoustic ceiling tile t-bar grid suspended PET tiles.

.3 Noise Reduction Coefficient (NRC): 0.85 in accordance with ASTM C423.

.4 Unit Size: Varies, refer to Schedule below for additional details.

.5 Unit Thickness: Varies, refer to Schedule.

.6 Ceiling Unit Finish: Smooth, consistent on all panels.

.7 Mounting Type: Varies, refer to Schedule.

2.04 FABRICATION

.1 Conceal fastenings.

.2 Fabricate each acoustic unit and panel complete, and ready for site installation.

.3 Label unique acoustic units and panels with room number and other identifying information on back of component.

2.05 SOURCE QUALITY CONTROL

.1 Non-Conforming Work: Units with gouges, stains or uneven appearance will not be accepted.

3 EXECUTION

3.01 EXAMINATION

.1 Verify substrates are flat to tolerance of plus or minus 3 mm over 3000 mm.

.2 Verify substrates are clean, dry, and with blocking located within ceilings correctly.

.3 Verify building envelope is complete and HVAC system is operational.

3.02 PREPARATION

.1 Allow products to acclimatize to room temperature and humidity for a period recommended by manufacturer, minimum 24 hours.

3.03 INSTALLATION - GENERAL

.1 Install acoustic room components plumb, level, and aligned.

.2 Arrange acoustic room components as indicated on Drawings or selected by Consultant.

.3 Where substrates have minor flatness irregularities, provide metal shims as required for smooth and continuous finished appearance.

.4 Neatly cut acoustic room components to accurately fit penetrating mechanical and electrical devices, lighting and sprinkler heads with gaps concealed behind device trim.

.1 Leave 12 mm gap surrounding sprinkler heads unless otherwise required by Sprinkler Engineer.

3.04 INSTALLATION – FIXED SOUND-ABSORPTIVE PANELS

.1 Install panels directly to wall substrates.

.2 Attach panels directly to finished and painted gypsum board substrate.

.3 Butt panel joints without gaps.

.4 Scribe acoustic panels to neatly fit adjacent work.

3.05 INSTALLATION – SOUND-ABSORBING CEILING UNITS

.1 Install ceiling units by attaching wires to building's structural members or intermediate supports or placing within acoustic ceiling tile t-bar grid support structure, as required for each unique ceiling unit, refer to Schedule.

.2 Splay wires only where required to miss obstructions.

.3 Install wires for ceiling units plumb and free from contact with objects in ceiling plenum that are not part of supporting structure.

.4 Install trapezes or similar devices where width of ducts and other construction within ceiling plenum interfere with ideal wire locations.

3.06 SITE QUALITY CONTROL

.1 Non-Conforming Work:

.1 Electrical and mechanical fixtures and devices supported by acoustic room components are not acceptable unless otherwise indicated in writing by Consultant.

3.07 CLEANING

.1 Perform cleaning in accordance with Section 01 74 00 - Cleaning.

.1 Keep acoustic room components clean.

3.08 PROTECTION

.1 When subsequent dust generating construction activities are unavoidable, protect acoustical room components with non-marring sheeting, type recommended by manufacturer.

.2 Remove temporary protection shortly before Substantial Performance.

3.09 SCHEDULES

.1 Fixed Sound-Absorptive Panels (Wall-mounted Acoustic Panels)

.1 Consultant reserves the right to change the basis of design colours**,** ~~and~~ patterns**, and panel size** to any other options from the manufacturer up until the completion of the submittal review process at no additional cost to the Owner. Should the amount of wall coverage change, cost will be adjusted via Change Order, in accordance with the CCDC 2 – 2020 Stipulated Price Contract.

.2 **AW-1:** Rooms R4-05, R4-06, **R4-07, R4-08, R4-09** ~~R4-11, R4-12, R4-13, R4-14~~, R4-15¸ **R4-16, R4-20, R4-21, R4-22**: ~~1200 mm~~ **1800 mm** x length of wall, Refer to Drawings.

.1 **Provisional Price H – Grouping 1**

.2 Basis of Design: ~~Hush Acoustics~~

.1 Colour(s): **as selected by Consultant and Owner.** ~~Luxe Seaglass, Luxe Indigo, and Element Mocha~~

.2 Pattern: **Hush Acoustics Single sheet or ribbed, alternative Acoufelt wallcovering or fracture fineline, or approved equivalent.** ~~Etch 3 Stripe and Etch 9 Full Stripe~~

.3 **AW-4:** Rooms R4-17, R4-18, R4-19, ~~R4-20,~~: ~~1200~~ **1800** mm x length of wall, Refer to Drawings.

.1 **Provisional Price I – Grouping 2**

.2 Basis of Design: ~~Turf, Carved Wall Tile~~

.1 Colour(s): ~~Primary, Secondary & Tertiary,~~ as selected by Owner and Consultant

.2 Pattern: **Hush Acoustics Single sheet, alternative Acoufelt wallcovering, or approved equivalent.** ~~Tangram~~

.4 **AW-3:** Rooms **R4-24, R4-25** ~~R4-03~~ (on TV walls of booth alcoves)~~,~~ ~~R4-07, R4-08, R4-09: Floor~~ ~~or top of millwork~~ **Bottom of seat cushion** to ceiling x wall to wall, Refer to Drawings.

.1 **Provisional Price J – Grouping 3**

.2 Basis of Design: ~~Turf, Wall Scape Wave~~

.1 Colour(s): ~~28 Indigo (primary), 66 Pewter (secondary)~~ **As selected by Consultant and Owner**

.2 Pattern: **Hush Acoustics Ribbed, alternative Acoufelt Fracture Fineline, or approved equivalent.** ~~Wall Scape Wave, Vertical layout~~

.5 **AW-5:** Rooms R4-03 (above linear bench)**: Top of millwork to ceiling x wall to wall, Refer to Drawings**

.1 **Provisional Price J – Grouping 3**

.2 Basis of Design: ~~Turf, Wall Scape Scanlines~~

.1 Colour(s): ~~Primary & Secondary~~ **Wood grain**, as selected by Owner and Consultant

.2 Pattern: **Hush Acoustics Timbre V1, alternative Acoufelt Wallcovering, or approved equivalent.** ~~Wall Scape Scanlines, image as selected by Owner~~.

.6 **AW-2:** Rooms R4-04, ~~R4-10 (back wall of desk alcoves), R4-10 (west wall)~~: As indicated in room elevations, wall to wall, floor to ceiling, Refer to Drawings.

.1 **Provisional Price J – Grouping 3**

.2 Basis of Design: ~~Turf~~

.1 Colour(s): As selected by Owner and Consultant

.2 Pattern: ~~Wall Panel Reed~~ **Hush Acoustics, Single Sheet, alternative Acoufelt Beveled, or approved equivalent.**

.3 ~~Include strip for flat-fill as needed to fit wall-to-wall and around horizontal cutouts that must line up with the edge of a reed flute.~~

.7 ~~Rooms R4-03:~~

.2 Sound-Absorbing Ceiling Units

.1 Consultant reserves the right to change the basis of design colours to any other option from the manufacturer up until the completion of the submittal review process at no additional cost to the Owner. Should the amount of coverage change, cost will be adjusted via Change Order, in accordance with CCDC 2 – 2020 Stipulated Price Contract.

.2 CA-1: Room R4-04

.1 Basis of Design: Hush Acoustics, Fins

.1 Colour(s): Element Slate

.2 Unit Size:

.1 2700 mm (L) x 200 mm (D) fin

.2 Equally space fins at 170 mm on centre.

.3 Refer to Drawings for size of suspension area.

.3 Unit Thickness: 12 mm

.4 Mounting Type: Group suspension by T-grid structure **(not specific to t-bar necessarily) or other type of mounting that allows fins to be suspended in groupings (not individual hanging fins)** and Galvanized steel wire to ASTM A641/A641M suspension.

.3 ~~CA-2: Room R4-10~~

.1 ~~Basis of Design: Hush Acoustics, Box Open~~

.1 ~~Colour(s): Element Slate~~

.2 ~~Unit Size: 605 mm x 605 mm x 140 mm~~

.3 ~~Unit Thickness: 12 mm~~

.4 ~~Mounting Type: Acoustic ceiling grid t-bar. Refer to Section 09 51 13 – Acoustical Panel Ceilings.~~

END OF SECTION

1 GENERAL

1.01 RELATED REQUIREMENTS

.1 Section 08 80 00 - Glazing.

1.02 REFERENCE STANDARDS

.1 Aluminum Association (AA)

.1 AA DAF45-R03, Designation System for Aluminum Finishes, 9th Edition

.2 ASTM International (ASTM)

.1 ASTM A653/A653M-20, Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process

.2 ASTM E90-09, Standard Test Method for Laboratory Measurement of Airborne Sound Transmission Loss of Building Partitions and Elements

.3 Underwriters Laboratories of Canada (ULC)

.1 CAN/ULC-S102-10, Standard Method of Test for Surface Burning Characteristics of Building Materials and Assemblies

1.03 ACTION AND INFORMATIONAL SUBMITTALS

.1 Submit in accordance with Section 01 33 00 - Submittal Procedures.

.2 Product Data:

.1 Submit manufacturer's printed product literature and data sheets for demountable partitions and include product characteristics, performance criteria, physical size, finish and limitations.

.3 Shop Drawings:

.1 Submit shop drawings indicating all demountable walls in plan, elevation and section and details.

.2 Indicate wall system for each unique opening, including provided STC value of assembly.

.3 Include information about doors, door openings, door hardware, etc. as required to provide a complete system.

.4 Use room numbers from Contract Documents to incorporate into shop drawings for reference of spaces and locations.

.4 Samples:

.1 Submit one representative model of each type of partition.

.1 Indicate basic construction, glazed sections, door frames, trim, and finishes.

.2 Submit 200 x 300 mm samples of panel colours, textures and finishes and 300 mm long samples of trim options for colour selection by Consultant.

.3 Submit sample of ceiling fixing device.

.5 Test Reports:

.1 Submit test reports in accordance with Section 01 43 00 - Quality Assurance, from approved independent testing laboratory, certifying partition system complies with sound transmission rating as specified.

1.04 QUALITY ASSURANCE

.1 Manufacturer Qualifications:

.1 Over ten (10) years in industry producing similar product.

.2 Installer Qualifications:

.1 Engage an experienced installer who has successfully completed a minimum of five (5) demountable partition installations similar in material, design and extent to that indicated for this Project within the last five (5) years.

.1 Provide documentation of experience if requested by Consultant.

.2 Is accepted, certified, and/or trained by the Manufacturer.

1.05 DELIVERY, STORAGE AND HANDLING

.1 Deliver, store and handle materials in accordance with Section 01 61 00 - Common Product Requirements and with manufacturer's written instructions.

.2 Delivery and Acceptance Requirements: deliver materials to site in original factory packaging, labelled with manufacturer's name and address.

.3 Storage and Handling Requirements:

.1 Store materials indoors and in accordance with manufacturer's recommendations in clean, dry, well-ventilated area.

.2 Store and protect stud type demountable partitions from nicks, scratches, and blemishes.

.3 Replace defective or damaged materials with new.

2 PRODUCTS

2.01 SYSTEM DESCRIPTION

.1 Basic system to be ceiling height partitions, from single manufacturer, of metal framing filled with glazing panels.

.2 Basis of Design:

.1 Haworth, Enclose

.1 Type DW-1: Single Glazed, Frameless, 12 mm Tempered – 36 STC

.1 Minimum STC that will be accepted for the single glazed system is 36 STC.

.2 Type DW-2: Double Glazed, Frameless, 10 mm Tempered + 12 mm Tempered – 47 STC

.1 Minimum STC that will be accepted for the double glazed system is 44 STC.

.3 Other acceptable manufacturers:

.1 It is the Contractor's responsibility to ensure all alternative manufacturers besides basis of design have systems that comply with the basis of design standards and requirements as outlined in Design Requirements portion of this Section, including the manufacturers listed below.

.2 Teknion

.3 DIRTT

.4 KI Walls

.5 MyWall

.6 Submitted and accepted equivalents.

2.02 DESIGN REQUIREMENTS

.1 Partition assembly: non-combustible construction, fully demountable and relocatable, extend in four directions without disturbing other panels, accommodate floor/ceiling height variations of 25 mm.

.1 If Contractor carried system only accommodates height variations less than 25mm, the product will be considered acceptable, provided the Contractor includes for floor leveling to achieve the acceptable height variation of the provided system at no additional cost to the Owner.

.2 Components: Distortion free, uniform in dimension, construction and appearance, made to suit specific function and have been proven in use.

.3 Partition heights:

.1 Bulkhead Ceiling height: Refer to Drawings.

.4 Partition Module: equally sized, sizing determined by Manufacturer as it relates to length of partitions, transportation limitations, etc.

.5 Minimum sound transmission rating of installed panel partition:

.1 Type DW-1: STC 36, tested to ASTM E90, location as indicated in Drawings and Section 01 23 00 Alternatives.

.2 Type DW-2: STC 44, tested to ASTM E90, location as indicated in Drawings and Section 01 23 00 Alternatives.

.6 Partition Frame System:

.1 Black and silver / clear anodized frame finish options at minimum for Consultant to select from.

.2 Accommodate electrical, telephone, IT wiring.

.3 Ability to accommodate mounting of booking system IT technology and routing of associated wiring to verticals adjacent to doors. Booking system technology to be provided by Owner. Integration could take place during construction or be retrofitted by Owner after project completion.

.4 Ability to accommodate card reader access and related electric strike. Integration could take place during construction or be retrofitted by Owner after project completion.

.5 No visual difference in frame thickness will be considered acceptable to achieve both Type DW-1 and Type DW-2.

.6 Compressible seals at frame perimeters to ensure complete seal between demountable partitions and surrounding gypsum board and metal stud walls, ceiling bulkheads and floors.

.1 Frame capping / enveloping gypsum board wall assemblies is considered unacceptable.

.7 Glazing:

.1 Joints between Glass Panes: Frameless glass joints for intermediate joints along glass panes along continuous glass elevations.

.8 Transition to Perpendicular Walls: Fly-by Transition (coordinated with standard gypsum board and stud wall types):

.1 Maximum 25 mm wide gasket or compressed seal on back side of glass. Glass to remain continuous across corridor-facing elevation. No solid frame or solid cover will be accepted that breaks the continuous glass elevation.

.9 Doors:

.1 Thin profile metal frame with full size glass lite door style.

.2 Complete with all gaskets, seals, drop seals, etc. to ensure STC rating of system is maintained.

.10 Door Hardware:

.1 Complete hardware offerings to comply with requirements in Door Schedule and as outlined in this specification section.

2.03 MATERIALS

.1 Glass and Glazing Materials: In accordance with Section 08 80 00 - Glazing.

.1 DW-1: Type 1 or Type 2, as required to achieve STC value.

.2 DW-2: Type 1 and/or Type 2, double glazed, as required to achieve STC value.

.3 Glazing Material: furnish neoprene glazing gaskets for setting glass or other type as recommended by demountable wall system Manufacturer.

.2 Accessories: Miscellaneous trim, bracing, fasteners, clips, and other accessories for installation as recommended by partition manufacturer.

2.04 COMPONENTS

.1 Glazing frames: as required for Manufacturer’s system.

.2 Partition door: extruded aluminum frame with glass lite.

.1 Prepare for hardware specified in Drawing Door Schedule and elsewhere in this section.

.2 All hardware to be provided and installed by demountable partition manufacturer or be confirmed by demountable partition manufacturer to incorporate seamlessly into the demountable partition system.

.3 Include continuous vinyl seal on door stop.

.4 Hardware:

.1 Hinges: Manufacturer's standard in type and quantity.

.2 Seals, gaskets, sweeps and other accessories as required to achieve specified STC.

.3 Handle: **Lever style handle**, ~~Architectural long pull, 1.5m in length, located from finish floor to top of pull~~, finish as selected by Consultant (brushed nickel and black must be available options), ~~lever style handle should Owner require during Construction or as retrofit to work with electric strike~~. **Handle to function as storeroom lock for rooms with electric strikes. Handle to function as passage set where no electrical strike is present. Handle to match handles used on non-demountable wall doors unless otherwise agreed to by Owner and Consultant.**

.4 Latch: **As required for door lever type,** ~~Roller catch (basis of design)~~, electric strike capabilities **where indicated in door schedule.** ~~should Owner require during Construction or as retrofit.~~

.5 Cylinder lock: Where specified, refer to Door Schedule in Drawings.

.1 Coordinate cylinder with Owner's keying requirements and standards.

.6 Stops: Type as specified in Drawing Door Schedule. Minimum for each door to be floor stop.

.5 Colour & Finish: Match that of framing system, minimum of black and silver / clear anodized to be provided for Consultant's selection.

3 EXECUTION

3.01 EXAMINATION

.1 Verification of Conditions: verify conditions of substrates and surfaces to receive demountable partitions previously installed under other Sections are acceptable for product installation in accordance with manufacturer's instructions.

3.02 ERECTION

.1 Install partition after floor finishes, in accordance with manufacturer's instructions.

.2 Fasten runners to floors, ceiling and abutting vertical surfaces at 600 mm on centre, in accordance with manufacturer's instructions.

.3 Erect partitions, plumb, square, and level.

.1 Accurately fit and fasten to abutting surfaces.

.2 Shim under partitions at uneven floors to ensure level installation.

.4 Install continuous light/sound seals at junction of ceiling height partitions with floors, ceilings, and vertical surfaces.

.5 Install acoustical insulation and sealant in sound rated partitions to correspond with tested assembly.

.1 Install panels in accordance with manufacturer's printed instructions. Apply panels full height floor to ceiling.

.2 Install glass in accordance with Section 08 80 00 – Glazing and demountable wall system Manufacturer requirements.

3.03 CLEANING

.1 Progress Cleaning: Clean in accordance with Section 01 74 00 - Cleaning.

.2 Final Cleaning: Upon completion remove surplus materials, rubbish, tools, and equipment in accordance with Section 01 74 00 - Cleaning.

END OF SECTION

Ontario's Building Code Data Matrix
Part 11 - Renovation of Existing Buildings

			Building Code Reference
11.00	Building Code Version:	O.Reg. 163/24 Last Amendment : 5/25	
11.01	Project Type:	☐ Addition ■ Renovation ☐ Addition and Renovation ☐ Change of Use Description: Interior renovation to existing office building	[A]1.1.2.
11.02	Major Occupancy Classification:	Occupancy: group D Use: Office	3.1.2.1.(1)
11.03	Superimposed Major Occupancies:	■ No ☐ Yes ☐ N/A Description:	3.2.2.7.
11.04	Building Area (m²)	*Based on level 4 floor area only — Existing 624m² New 0 Total 624m²	[A]1.4.1.2.
11.05	Building Height	9 Storeys Above Grade 37.4 (m) Above Grade 2 Storeys Below Grade	[A]1.4.1.2. & 3.2.1.1.
11.06	Number of Streets/ Firefighter access	3 Streets	3.2.2.10. & 3.2.5.
11.07	Building Size	☐ Small ☐ Medium ☐ Large ■ ≥ Large	T.11.2.1.1.B-N.
11.08	Existing Building Classification:	Construction in Major Occupancy: ☐ Yes ■ N/A (no change of major occupancy) Construction Index: 6 Hazard Index: Assembly - 6, Office - 5 Importance Category: ☐ Low ■ Normal ☐ High ☐ Post-Disaster	11.2.1.1. T.11.2.1.1A T.11.2.1.1B to N 4.1.2.1.(3) & 5.2.2.1.(2)
11.09	Renovation Type:	■ Basic Renovation ☐ Extensive Renovation	11.3.3.1. & 11.3.3.2.
11.10	Occupant Load	Floor Level / Area: LEVEL 4 — Occupancy Type: D — Based On: EXISTING TO REMAIN — Occupancy Load (Persons): 67	3.1.17.
11.11	Plumbing Fixture Requirements	Ratio : Male/Female = 50 : 50, except as noted otherwise Floor Level / Area: LEVEL 4 — Occupant Load: 45 — OBC Reference: T 3.7.4.2 (1), & T3.7.4.7. — Fixtures Required: 2M + 2F — Fixtures Provided: 2M + 2F "EXISTING CONDITION TO REMAIN - ADDITIONAL WASHROOM AVAILABLE THROUGHOUT THE BUILDING"	9.31. & 3.7.4.
11.12	Barrier-free Design:	■ YES Explanation: ☐ NO	11.3.3.2.(2)
11.13	Reduction in Performance level:	Structural: ■ No ☐ Yes — 11.4.2.1. By Increase In Occupant Load: ■ No ☐ Yes — 11.4.2.2. By Change of Major Occupancy: ■ No ☐ Yes — 11.4.2.3. Plumbing: ■ No ☐ Yes — 11.4.2.4. Sewage System: ■ No ☐ Yes — 11.4.2.5. Extension of combustible Construction: ■ No ☐ Yes — 11.4.2.6.	
11.14	Compensating Construction:	■ No ☐ Yes Structural: ■ No ☐ Yes — 11.4.3.2. By Increase In Occupant Load: ■ No ☐ Yes — 11.4.3.3. By Change of Major Occupancy: ■ No ☐ Yes — 11.4.3.4. Plumbing: ■ No ☐ Yes — 11.4.3.5. Sewage System: ■ No ☐ Yes — 11.4.3.6. Extension of combustible Construction: ■ No ☐ Yes — 11.4.3.7.	11.4.3.1.
11.15	Compliance Alternative Proposed:	■ No ☐ Yes (list numbers and describe)	11.5.1.
11.16	Notes: 1	Floor existing fire rating assumed to be 2hr rating. Contractor to provide ULC listing assembly for each unique penetration through existing floor for review and acceptance prior to installation.	11.5.1.

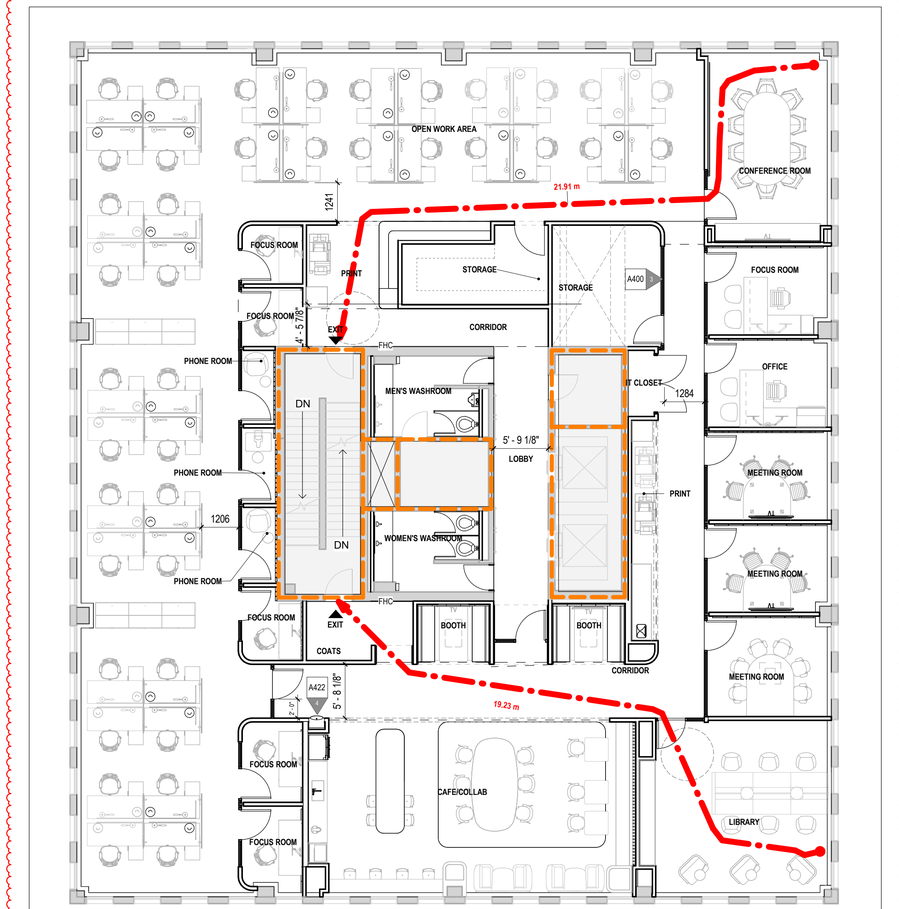
1 *All references are to Division B of the OBC unless preceded by [A] for Division A and [C] for Division C.*

GENERAL PROJECT NOTES

1. THE FOLLOWING GENERAL NOTES SHALL APPLY TO ALL DRAWINGS AND GOVERN UNLESS OTHERWISE NOTED OR SPECIFIED.
2. ANY DISAGREEMENTS, CONFLICTS AND DISCREPANCIES BETWEEN CONSULTANT'S DOCUMENTS SHALL BE REPORTED TO FABRIK ARCHITECTS INC FOR CLARIFICATION AND INTERPRETATION PRIOR TO COMMENCEMENT OF WORK.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR CHECKING ALL DIMENSIONS ON SITE AND ON DRAWINGS. REPORT ANY DISCREPANCIES TO THE ARCHITECT IMMEDIATELY. FAILURE TO DO SO WILL BE AT THE CONTRACTOR'S EXPENSE.
4. REQUEST ANY ADDITIONAL INFORMATION REQUIRED TO PROPERLY COMPLETE THE WORK. ALL REQUESTS FOR INFORMATION SHALL BE IN WRITING AND FORWARDED TO THE ARCHITECT.
5. THE WORK DELINEATED IN THESE DRAWINGS SHALL CONFORM TO CODES, STANDARDS AND REGULATIONS THAT HAVE JURISDICTION IN THE PROVINCE OF ONTARIO AND AUTHORITY HAVING JURISDICTION (AHJ).
6. THE GENERAL CONTRACTOR AND ALL SUB-CONTRACTORS SHALL COMPLY WITH THE APPROPRIATE MUNICIPAL AND REGULATORY AGENCIES. SHALL BE RESPONSIBLE FOR FILING FOR AND SECURING NECESSARY PERMITS AND APPROVALS FOR ALL TRADES, AND SHALL COMPLY WITH THE INSTRUCTIONS OF THE CONSTRUCTION DOCUMENTS.
7. SUBMIT ALL NECESSARY SHOP DRAWINGS PRIOR TO FABRICATION FOR APPROVAL BY ARCHITECT AND ENGINEERS. NO INFORMATION OR DETAILS ON THESE SHEETS MAY BE USED ON OTHER PROJECTS WITHOUT THE PERMISSION OF ARCHITECT.
8. ALL SUBSTITUTIONS MUST BE APPROVED IN WRITING BY THE ARCHITECT PRIOR TO ORDER PLACEMENT AND MUST COMPLY WITH CITY'S REQUIREMENTS AND CONTRACT DOCUMENTS.
9. IN CASE OF AMBIGUITIES, DISCREPANCIES, OR IRREGULARITIES IN THE CONSTRUCTION DOCUMENTS, MANUFACTURER'S INSTRUCTIONS, SITE CONDITIONS, OR APPLICABLE CODES AND STANDARDS; REQUEST CLARIFICATION FROM THE ARCHITECT BEFORE PROCEEDING. THE COST OF WORK DONE AS A RESULT OF PROCEEDING WITHOUT OBTAINING CLARIFICATION WILL BE BORNE SOLELY BY THE CONTRACTOR.
10. DO NOT SCALE OFF OF DRAWINGS. CONTACT ARCHITECT FOR ADDITIONAL INFORMATION IF REQUIRED.
11. THE CONTRACTOR SHALL SUPPLY AND MAINTAIN A COPY OF THE LATEST SET OF CONSTRUCTION DRAWINGS AT THE JOB SITE AT ALL TIMES.
12. UNLESS OTHERWISE SHOWN OR NOTED, TYPICAL DETAILS SHALL BE USED WHERE APPLICABLE.
13. SAFETY MEASURES: THE CONTRACTOR SHALL BE SOLELY AND COMPLETELY RESPONSIBLE FOR THE CONDITIONS OF THE JOB SITE, INCLUDING SAFETY OF THE PERSONS AND PROPERTY AND FOR INDEPENDENT ENGINEERING REVIEWS OF THESE CONDITIONS. THE ARCHITECT'S OR ENGINEER'S SITE REVIEW IS NOT INTENDED TO INCLUDE REVIEW OF THE ADEQUACY OF THE CONTRACTOR'S SAFETY MEASURES.
14. ALL WORK IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR UNLESS NOTED OTHERWISE.
15. THE TERM "CONTRACTOR" AND "G.C." REFER TO THE OWNER'S GENERAL CONTRACTOR. IT IS THE GENERAL CONTRACTOR'S RESPONSIBILITY TO DETERMINE DIVISION OF WORK AMONG SUB-CONTRACTORS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DISTRIBUTION OF DRAWINGS, ADDENDUMS, RFI RESPONSES, CHANGE ORDER REQUESTS, ETC. TO ALL TRADES UNDER THEIR JURISDICTION.
16. THE OWNER RESERVES THE RIGHT TO MAKE CHANGES IN THE DRAWINGS AND SPECIFICATIONS AS THE WORK PROGRESSES. CHANGE ORDERS, DRAWINGS, SPECIFIATIONS, OR INSTRUCTIONS COVERING SUCH CHANGES WILL BE ISSUED TO THE CONTRACTOR WHOSE RESPONSIBILITY WILL BE TO DISTRIBUTRE TO TRADES FOR PRICING. IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE ALL TRADES WITH WORK RELATED TO A CHANGE PROVIDE PRICING PRIOR TO SENDING TOTAL COST TO OWNER AND ARCHITECT FOR REVIEW AND APPROVAL.
17. ALL CONSTRUCTION LABORERS PERFORMING UNDER THIS WORK SHALL BE SKILLED WORKERS WITHIN THEIR RESPECTIVE TRADES.
18. REGARDING CONTRACTOR'S USE OF PREMISES. TIME RESTRICTIONS FOR PERFORMING WORK ARE TO BE VERIFIED WITH THE OWNER AND ALL UTILITY OUTAGES AND SHUTDOWNS SHALL BE COORDINATED WITH THE OWNER.
19. COMMENCEMENT OF WORK IMPLIES ACCEPTANCE OF THE EXISTING CONDITIONS AND NO EXTRA CLAIMS BASED ON THESE CONDITIONS WILL BE PERMITTED.
20. THE CONTRACTOR IS RESPONSIBLE TO CLEAN UP AND REMOVE FROM THE PREMISES ALL WASTE MATERIALS, RUBBISH, WRAPPINGS, AND SALVAGES AS GENERATED BY THE CONSTRUCTION, DEMOLITION AND/OR DELIVERY AND INSTALLATION OF ANY PRODUCTS, MATERIALS, OR EQUIPMENT WHICH IS PART OF THEIR CONTRACT ON A REGULAR BASIS THROUGHOUT THE COURSE OF THE PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR HIRING PROFESSIONAL CLEANERS TO CLEAN THE SPACE PRIOR TO SUBSTAINTIAL COMPLETION REVIEW UNLESS OTHERWISE NOTED.
21. ALL MATERIALS AND EQUIPMENT SPECIFIED SHALL BE SUPPLIED, INSTALLED, CONNECTED, REECTED, CLEANED, AND CONDITIONED AS DIRECTED BY THE SUPPLIER / MANUFACTURER, IN ACCORDANCE WITH ACCEPTED INDUSTRY STANDARD PRACTICE AND IN COMPLIANCE WITH PRODUCT WARRANTY.
22. CONTRACTOR SHALL REVIEW DSS REPORT SUPPLIED BY OWNER AND PROVIDE ABATEMENT SERVICES AS INDICATED IN DRAWINGS AND SPECIFICATIONS AS REQUIRED AND IN CONFORMANCE WITH ALL APPLICABLE CODES AND STANDARDS.

SITE EXAMINATION NOTES

1. IT IS THE CONTRACTOR'S RESPONSIBILITY TO EXAMINE SITE SURFACES, STRUCTURES AND WORK UNDERLYING OR ADJACENT TO THE WORK TO BE PERFORMED. REPORT ANY FORESEEABLE INTERFERENCE AND/OR DIFFICULTIES TO PERFORM THE WORK TO ARCHITECT.
2. CONTRACTOR SHALL TAKE FIELD MEASUREMENTS RELATIVE TO WORK AS REQUIRED. FABRICATE AND ERECT WORK TO SUIT FIELD DIMENSIONS AND FIELD CONDITIONS. REPORT ANY DISCREPANCIES TO ARCHITECT AT ONCE.
3. COMMENCEMENT OF WORK IMPLIES ACCEPTANCE OF THE EXISTING CONDITIONS AND NO EXTRA CLAIMS BASED ON THESE CONDITIONS WILL BE PERMITTED.



1 A001 CODE PLAN
SCALE: 1/8" = 1'-0"

DRAWING LEGEND

- TRAVEL DISTANCE
- 45 MIN. FIRE SEPERATION
- FE — FIRE EXTINGUISHER T/O EXTINGUISHER MOUNTED 4'-0" AF
- FHC — FIRE HOUSE CABINET (EXISTING TO REMAIN)

TRUE NORTH

PROJECT NORTH

KEY PLAN

	10	
	9	
	8	
	7	
2026.08.04	6	PERMIT
2026.05.13	5	TENDER
2026.05.12	4	CLIENT REVIEW SET 4
2026.05.05	3	CLIENT REVIEW SET 3
2026.04.29	2	CLIENT REVIEW SET 2
2026.04.09	1	CLIENT REVIEW SET
DATE		ISSUED

REVISION SCHEDULE

Date	No.	Description
2026.10.30	1	Addendum 10

PROJECT NAME
BARRIE CITY HALL - FOURTH FLOOR RENOVATION

CLIENT
CITY OF BARRIE

ARCHITECT

58 GRAND AVE S, CAMBRIDGE, ON, N1S 0B7

fabrik ARCHITECTS

The contractor shall check and verify all dimensions and report any errors or omissions to the consultant before commencing or proceeding with any work. Drawings prepared and issued by consultant are the property of the consultant. These documents are not to be duplicated or copied without the consent of the Consultant. Do not scale this drawing.

copyright © 2020 FABRIK Architects Inc.

SHEET TITLE
OBC MATRIX

PROJECT No.	23013	SCALE	As indicated
		DRAWN By:	K.C.
		CHECKED By:	L.K.

ONTARIO ASSOCIATION OF ARCHITECTS
Elisia M. G. Neves
ELISIA M. G. NEVES
LICENCE
8599

SHEET No.
A001

2026-10-30 12:54:50 PM

BARRIER FREE NOTES

1. ALL BARRIER-FREE DOORS TO BE LOCATED 1'-0" (305mm) ON THE PUSH SIDE AND 2'-0" (610mm) ON THE LATCH SIDE FROM AN ADJACENT WALL.

FIRE STOPPING NOTES

1. ALL SUPPORTING WALLS, COLUMNS WILL BE FIRE RATED TO MATCH FIRE RESISTANT RATING OF SUPPORTED FLOORS.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING CONTINUITY OF FIRE SEPARATION OF ALL WALLS AND FLOOR AND CEILING ASSEMBLY ABOVE AND BELOW. ALL SERVICE PENETRATIONS THROUGH FIRE-RATED WALLS, CEILING AND FLOORS SHALL BE PROPERLY FIRE STOPPED WITH ULC-APPROVED SYSTEMS APPROPRIATE FOR EACH ASSEMBLY BEING PENETRATED. PROVIDE COMPLETE SUBMITTAL PACKAGE FOR ALL FIRE STOP CONDITIONS FOR APPROVAL PRIOR TO INSTALLATION. PHOTO DOCUMENT ALL FIRESTOPPING FOR RECORD PURPOSES. CONTACT INSPECTOR AND ARCHITECTS FOR REVIEWS PRIOR TO ENCLOSING AND/OR FINISHING.
3. MECHANICAL DUCTS PENETRATING FIRE SEPARATIONS WILL BE ENCLOSED IN FIRE RATED BULKHEADS WITH A RATING EQUAL TO THAT OF SEPARATION PENETRATED OR EQUIPPED WITH FIRE DAMPERS.
4. ANY SERVICES THAT RUN THRU EXITS MUST BE PROTECTED WITH SHAFT WALL CONSTRUCTION WITH THE EXCEPTION OF SPRINKLER PIPING AND ANY ELECTRICAL THAT SERVE THE EXIT.
5. WHERE INTERIOR NON-RATED PARTITIONS MEET THE FIRE RATED PARTITIONS THE RATED GYPSUM IS TO BE CONTINUOUS.
6. REFER TO MANUFACTURER'S SPECIFIC SYSTEMS AND DOCUMENTATION FOR FIRE-STOPPING APPLICATIONS. THE INSTRUCTIONS BELOW ARE GIVEN AS GUIDELINES ONLY. THE CONTRACTOR MUST FAMILIARIZE THEMSELVES WITH THE FIRE-STOPPING SYSTEMS REQUIRED FOR VARIOUS APPLICATIONS.
7. SUBMIT DOCUMENTATION FOR REVIEW FOR ALL FIRE-STOPPING SYSTEMS PROPOSED

GENERAL DEMOUNTABLE WALL COORDINATION NOTES

1. FLOORING FINISH SHALL BE CONTINUOUS UNDER DEMOUNTABLE WALL LOCATIONS UNLESS SPECIFICALLY NOTED OTHERWISE. COORDINATE EXACT LOCATION UNDER WALLS WHERE FLOOR TYPES CHANGE WITH DEMOUNTABLE WALL VENDOR AND ARCHITECT IN THE FIELD.
2. ALL DEMOUNTABLE WALLS THAT ARE GLASS REQUIRE GLAZING DECAL OUTLINED IN DOOR FRAME INFORMATION. GENERAL CONTRACTOR REQUIRED TO INSTALL.
3. ALL DEMOUNTABLE WALL FINISHES TO BE PRE-FINISHED METAL OR GLASS MEETING FLAME SPREAD RATINGS OF 150 OR LESS.
4. ALL DOORS PART OF THE DEMOUNTABLE WALL SYSTEM TO ALLOW FOR 860MM CLEAR OPENING WHEN DOOR IS IN 90 DEGREE OR FULLY OPEN SLIDING POSITION.
5. ALL ELECTRICAL AND DATA REQUIRED WITHIN DEMOUNTABLE WALLS IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR. WORK TO BE COORDINATED WITH AWARDED DEMOUNTABLE WALL VENDOR.
6. ALL DEMOUNTABLE WALL SYSTEMS SHALL COME COMPLETE WITH DOOR FRAMES, DOORS AND ALL ASSOCIATED DOOR HARDWARE.
7. ALL GLASS WITHIN DEMOUNTABLE WALL PARTITIONS TO BE TEMPERED OR LAMINATED SAFETY GLASS.

PROVISIONAL PRICE B & ALTERNATIVE G

DOOR LEGEND

MATERIAL
WD - Wood
AL - Aluminum
HM - Hollow Metal
GL - Glass
MDF - MDF
FG - Fiber Glass
FP - Fiber Plastic

CORE
SC - Solid Core
HC - Honeycomb Core
PSC - Polystyrene Core
PUC - Polyurethane Core
SSC - Steel Stiffened Core
MC - Mineral Core
PBC - Particleboard Core
SLWC - Structural Laminated Wood Core

FINISH
PNT - Painted
ST - Stained
FF - Factory Finished
GV - Galvanized

GLASS
TSG - Tempered Safety Glass
TG - Tempered Glass
FRG - Fire Rated Glass
PHG - Pin Hole Glass
CG - Clear Glass
IG - Insulated Glass

HANDLE TYPE
LH - Lever
LHL - Lever lock
KH - Knob
KHL - Knob Lock
SPH - Short Pull
SPHL - Short Pull Lock
LPH - Long Pull
LPHL - Long Pull Lock
APH - Architectural Pull
APHL - Architectural Pull Lock
PDH - Pocket Door Hardware
PDHL - Pocket Door Lock
GDH - Glass Door Hardware
GDHL - Glass Door Lock

DOOR STOP
N/A - None
COS - Concealed Overhead Stop
WS - Wall Stop
FS - Floor Stop

DOOR SCHEDULE

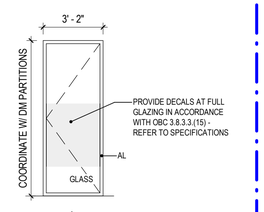
Door Number	CONDITION: Fire Rating	DOOR: Width	Height	Thickness	Type	Material	Finish	Glass	FRAME: Type	Material	Finish	HARDWARE: Handle Type	Stop	Comments
D001	EXISTING	EXISTING	EXISTING	EXISTING	EX.	HM	PNT	(none)	EX.	HM	PNT	EX.	(none)	EX. DOORS, FRAMES AND HARDWARE TO REMAIN - PAINT DOOR AND FRAME ONLY
D002	EXISTING	EXISTING	EXISTING	EXISTING	EX.	HM	PNT	(none)	EX.	HM	PNT	EX.	(none)	EX. DOORS, FRAMES AND HARDWARE TO REMAIN - PAINT DOOR AND FRAME ONLY
D003	(none)	3' - 2"	8' - 2 1/2"	0' - 1"	A	GL	FF	TG	DF1	AL	FF	LH	COS	SURFACE MOUNTED CLOSER
D004	(none)	3' - 2"	8' - 2 1/2"	0' - 1"	A	GL	FF	TG	DF1	AL	FF	LH	COS	
D005	(none)	3' - 2"	8' - 2 1/2"	0' - 1"	A	GL	FF	TG	DF1	AL	FF	LHL	COS	OFFICE LOCK FUNCTION
D006	(none)	3' - 2"	8' - 2 1/2"	0' - 1"	A	GL	FF	TG	DF1	AL	FF	LHL	COS	OFFICE LOCK FUNCTION, ELECTRIC STRIKE, CARD READER (FAIL SECURE)
D007	(none)	3' - 2"	8' - 2 1/2"	0' - 1"	A	GL	FF	TG	DF1	AL	FF	LH	COS	
D008	(none)	3' - 2"	8' - 2 1/2"	0' - 1"	A	GL	FF	TG	DF1	AL	FF	LH	COS	
D009	(none)	3' - 2"	8' - 2 1/2"	0' - 1"	A	GL	FF	TG	DF1	AL	FF	LH	COS	
D010	(none)	3' - 0"	8' - 2 1/2"	0' - 1"	A	GL	FF	TG	DF1	AL	FF	LH	COS	
D011	(none)	3' - 0"	8' - 2 1/2"	0' - 1"	A	GL	FF	TG	DF1	AL	FF	LHL	COS	STOREROOM LOCK FUNCTION,CYLINDER AND LOCKSET, ELECTRIC STRIKE, CARD READER (FAIL SECURE), DOOR CONTACT, REQUEST TO EXIT, SURFACE MOUNTED CLOSER, CLOSER MOUNTING PLATE (AS REQ'D),WEATHERSTRIPPING & DOOR SWEEP
D012	(none)	3' - 2"	8' - 5"	0' - 2"	D	WD	PNT	(none)	DF3	WD	PNT	LHL	COS	FULL HEIGHT FRAMELESS DOOR WITH HIDDEN HINGE IN CUSTOM WOODEN FRAME - COORD. HEIGHT WITH MILLWORK FRAME - REFER TO INT. ELEVATION. DOOR TO SIT FLUSH WITH ADJACENT WALL. STOREROOM LOCK FUNCTION,CYLINDER AND LOCKSET, ELECTRIC STRIKE, CARD READER (FAIL SECURE), DOOR CONTACT, REQUEST TO EXIT, SURFACE MOUNTED CLOSER, CLOSER MOUNTING PLATE (AS REQ'D), 6" KICKPLATE, WEATHERSTRIPPING & DOOR SWEEP
D015	(none)	3' - 2"	8' - 2 1/2"	0' - 1"	A	GL	FF	TG	DF1	AL	FF	LH	COS	
D016	(none)	3' - 2"	8' - 2 1/2"	0' - 1"	A	GL	FF	TG	DF1	AL	FF	LH	COS	
D017	(none)	3' - 2"	8' - 2 1/2"	0' - 1"	A	GL	FF	TG	DF1	AL	FF	LH	COS	
D018	(none)	3' - 2"	8' - 2 1/2"	0' - 1"	A	GL	FF	TG	DF1	AL	FF	LH	COS	
D019	(none)	3' - 2"	8' - 2 1/2"	0' - 1"	A	GL	FF	TG	DF1	AL	FF	LH	COS	
D020	(none)	3' - 2"	8' - 2 1/2"	0' - 1"	A	GL	FF	TG	DF1	AL	FF	LH	COS	
D021	(none)	3' - 2"	8' - 2 1/2"	0' - 1"	A	GL	FF	TG	DF1	AL	FF	LH	COS	
D022	(none)	3' - 2"	8' - 2 1/2"	0' - 1"	A	GL	FF	TG	DF1	AL	FF	LH	COS	
D023	(none)	6' - 0"	8' - 3 1/2"	0' - 1 3/4"	B	WD	PNT	(none)	DF2	HM	PNT	LHL	(none)	STOREROOM LOCK FUNCTION, ELECTRIC CARD READER, AND INACTIVE LEAF TO BE PINNED TO FLOOR AND FRAME TOP. PROVIDE POWER THRU DOOR FRAME TO INACTIVE DOOR LEAF TO FEED ELECTRIC STRIKE, ASSA ABLOY CYLINDER AND LOCKSET, ELECTRIC STRIKE, CARD READER (FAIL SECURE), DOOR CONTACT, REQUEST TO EXIT, SURFACE MOUNTED CLOSER, CLOSER MOUNTING PLATE (AS REQ'D), 8" KICKPLATE, WEATHERSTRIPPING & DOOR SWEEP
D024	(none)	3' - 2"	8' - 2 1/2"	0' - 1"	A	GL	FF	TG	DF1	AL	FF	LH	COS	SURFACE MOUNTED CLOSER
D026	EXISTING	EXISTING	EXISTING	EXISTING	EX.	HM	PNT	(none)	EX.	HM	PNT	LHL	(none)	EX. DOOR, FRAME AND HARDWARE TO REMAIN - PAINT DOOR AND FRAME ONLY. PROVISIONAL PRICE FOR NEW ELECTRIC STRIKE AND CARD ACCESS. REPLACE ALL EX. DOOR HARDWARE AS REQ'D TO MAKE FUNCTIONAL AND SECURE.
D028	(none)	2' - 8"	7' - 10"	0' - 2"	C	WD	PNT	(none)	EX.	HM	PNT	SPH	WS	PATCH, PAINT AND MODIFY EX. DOOR FRAME. PROVIDE AND INSTALL NEW DOOR (FIELD VERIFY). PUSH / PULL DOOR HARDWARE UNIT, KICKPLATE, AND CLOSER. COORDINATE ALL NEW HARDWARE FOR INTEGRATION INTO EXISTING FRAME.
D028A	EXISTING	EXISTING	EXISTING	EXISTING	EX.	HM	PNT	(none)	EX.	HM	PNT	LHL	(none)	EX. DOOR, FRAME AND HARDWARE TO REMAIN - PAINT DOOR AND FRAME ONLY. PROVISIONAL PRICE FOR NEW ELECTRIC STRIKE AND CARD ACCESS. REPLACE ALL EX. DOOR HARDWARE AS REQ'D TO MAKE FUNCTIONAL AND SECURE.
D029	(none)	2' - 8"	7' - 10"	0' - 2"	C	WD	PNT	(none)	EX.	HM	PNT	SPH	WS	PATCH, PAINT AND MODIFY EX. DOOR FRAME. PROVIDE AND INSTALL NEW DOOR (FIELD VERIFY). PUSH / PULL DOOR HARDWARE UNIT, KICKPLATE, AND CLOSER. COORDINATE ALL NEW HARDWARE FOR INTEGRATION INTO EXISTING FRAME.

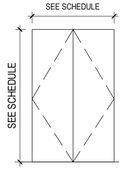
PROVISIONAL PRICE B & ALTERNATIVE G

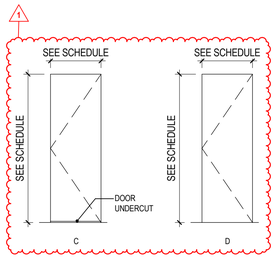
GENERAL DOOR HARDWARE NOTES

1. THE FOLLOWING ARE STANDARD SPECIFICATIONS FOR THE ITEMS, AS CALLED OUT AS REQUIRED IN THE DOOR SCHEDULE, UNLESS NOTED OTHERWISE. COORDINATE ANY PROPOSED SUBSTITUTIONS WITH OWNER AND OWNER'S SECURITY VENDOR FOR REVIEW, COORDINATION, AND POTENTIAL ACCEPTANCE.
   A. LOCKSET: L9080P 03B 630 LH KA
   B. CYLINDER: ASSA ABLOY
   C. ELECTRIC STRIKE: 1006CLB-12/24VDC-630-LBM FAIL SECURE (COORDINATE AT EACH UNIQUE LOCATION AND DOOR / DOOR FRAME STYLE)
   D. POWER SUPPLY (ASSUME AT EACH CARD READER LOCATION): BPS-24-1

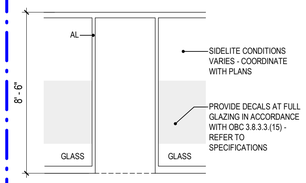
DOOR PANEL & FRAME TYPE

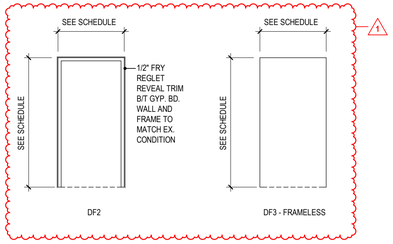






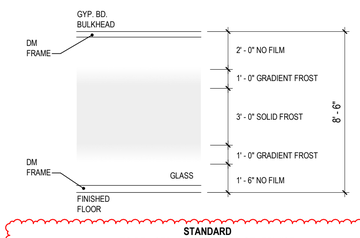
DOOR TYPE



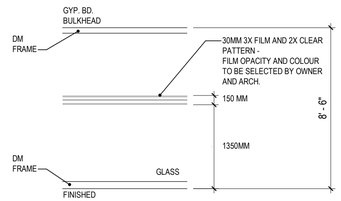


PROVISIONAL PRICE B & ALTERNATIVE G
DOOR FRAME TYPE

GLAZING DECAL TYPICAL DESIGN REQUIREMENTS



STANDARD
TO BE USED UNLESS NOTED OTHERWISE



DOORS D003 & D024 AND ASSOCIATED SIDELITES

TRUE NORTH

PROJECT NORTH

KEY PLAN

	10	
	9	
	8	
	7	
2026.08.04	6	PERMIT
2026.05.13	5	TENDER
2026.05.12	4	CLIENT REVIEW SET 4
2026.05.05	3	CLIENT REVIEW SET 3
2026.04.29	2	CLIENT REVIEW SET 2
2026.04.09	1	CLIENT REVIEW SET
DATE		ISSUED

REVISION SCHEDULE

Date	No.	Description
2026.10.30	1	Addendum 10

PROJECT NAME
BARRIE CITY HALL - FOURTH FLOOR RENOVATION

CLIENT
CITY OF BARRIE

ARCHITECT

58 GRAND AVE S, CAMBRIDGE, ON, N1S 0B7

fabrik ARCHITECTS

The contractor shall check and verify all dimensions and report any errors or omissions to the consultant before commencing or proceeding with any work. Drawings prepared and issued by consultant are the property of the consultant. These documents are not to be duplicated or copied without the consent of the Consultant. Do not scale this drawing.

copyright © 2020 FABRIK Architects Inc.

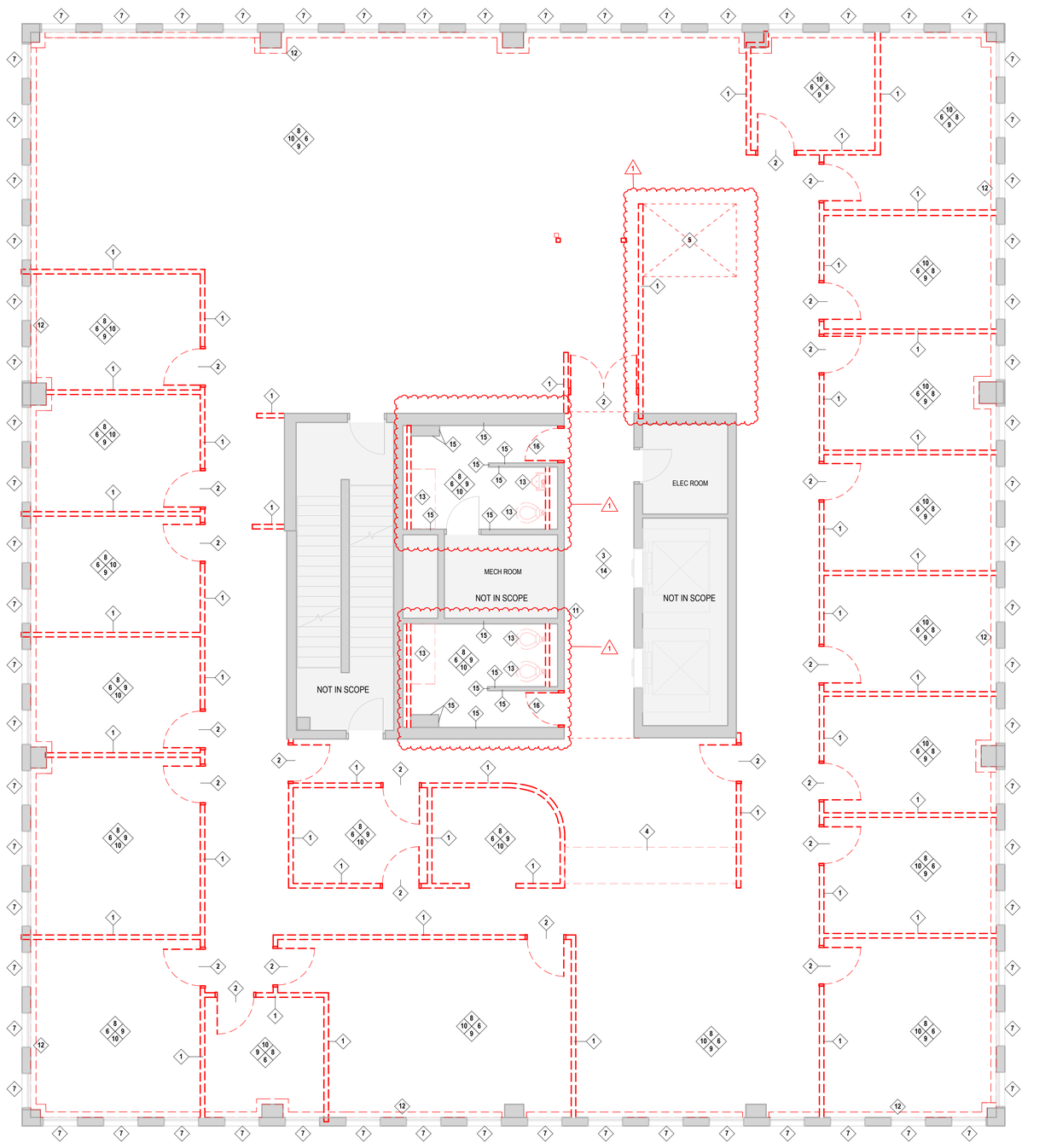
SHEET TITLE
DOOR & WINDOW SCHEDULES & NOTES

PROJECT No.	23013	SCALE	As indicated
		DRAWN By:	K.C.
		CHECKED By:	L.K.

ONTARIO ASSOCIATION OF ARCHITECTS
Elisha Nevis
ELISHA M. G. NEVES
LICENCE
8569

SHEET No.
A002

2026-10-30 12:54:50 PM



1 A100 DEMOLITION PLAN
SCALE: 3/16" = 1'-0"

DEMOLITION NOTES

1. REMOVE EXISTING PARTITION WALL OR FURRING. COMPLETE AND DISPOSE.
2. REMOVE EXISTING DOORS, FRAMES & SIDELIGHTS. COMPLETE WITH ALL ASSOCIATED HARDWARE.
3. REMOVE AND SALVAGE CCTC SECURITY CAMERA AND ASSOCIATED HARDWARE AND ACCESSORIES AS REQUIRED TO ACCOMMODATE NEW WORK. STORE AND PROTECT FOR REINSTALLATION.
4. REMOVE EXISTING MILLWORK AND DISPOSE.
5. PARTIAL DEMOLITION AND CONSOLIDATION OF HIGH DENSITY FILE (HDF) STORAGE. REMOVE AND DISPOSE OF TWO DOUBLE-SIDED CARRIERS. MODIFY AND RECONFIGURE HDF SYSTEM, INCLUDING TRACKS, RAMPS, AND ASSOCIATED COMPONENTS, AS REQUIRED TO PROVIDE A COMPLETE AND FULLY FUNCTIONAL INSTALLATION. WORK SHALL BE PERFORMED BY A QUALIFIED MOBILE SHELVING CONTRACTOR. REFER TO IMAGE OF EXISTING CONDITION THIS SHEET.
6. REMOVE EXISTING FLOORING AND WALL BASE COMPLETE.
7. REMOVE AND DISPOSE OF EXISTING WINDOW SHADES IDENTIFIED FOR REPLACEMENT OR DEEMED UNSUITABLE FOR REUSE INCLUDING ALL ASSOCIATED HARDWARE AND ACCESSORIES. EXISTING WINDOW SHADES TO REMAIN SHALL BE PROTECTED FROM DUST, DAMAGE, AND DEBRIS DURING CONSTRUCTION. REVIEW WITH CONSULTANT AND OWNER PRIOR TO STARTING WORK.
8. REMOVE AND DISPOSE OF EXISTING ACT CEILING SYSTEM, INCLUSIVE OF GRID AND TILES COMPLETE.
9. REMOVE EXISTING LIGHTS. REFER TO ELECTRICAL.
10. RELOCATE EXISITING SPRINKLER TO MATCH PROPOSED PLAN. REFER TO MECHANICAL.
11. REMOVE SIGNAGE AND/OR WALL GRAPHIC. PREP REMAINING SUBSTRATE FOR NEW PAINT FINISH.
12. EXISTING RADIATOR SYSTEM TO BE REMOVED COMPLETE. REFER TO MECHANICAL.
13. REMOVE PLUMBING FIXTURES. REFER TO MECHANICAL PLANS.
14. REMOVE EXISTING DRY WALL CEILING AND ANY ASSOCIATED ACCESS PANEL(S).
15. REMOVE WALL FINISH AND GYPSUM BOARD SUBSTRATE BACK TO STEEL STUDS COMPLETE. IF STUD SYSTEM IS IN GOOD CONDITION, REUSE AS REQ'D TO REFINISH WALLS. IF STUD SYSTEM IS NOT IN GOOD CONDITION, REFURBISH WITH NEW STEEL STUD SYSTEM.
16. REMOVE EXISTING DOOR AND ASSOCIATED HARDWARE. EXISTING FRAME TO REMAIN. PROTECT FRAME DURING COURSE OF CONSTRUCTION AND MODIFY FRAME AS REQUIRED FOR NEW DOOR. COORDINATE WITH NEW WORK.

NOTE: REFER TO ELECTRICAL AND MECHANICAL DRAWINGS FOR ELECTRICAL AND MECHANICAL DEVICE DEMOLITION RESPECTIVELY.

GENERAL DEMOLITION NOTES

1. REVIEW AND COORDINATE EXTENTS OF DEMOLITION WITH EXTENTS OF NEW WORK. CONTRACTOR TO REPORT ALL DISCREPANCIES TO CONSTRUCTION MANAGER / GENERAL CONTRACTOR FOR CONFIRMATION / CLARIFICATION PRIOR TO COMMENCEMENT OF ANY DEMOLITION SCOPE.
2. CARRY OUT ALL DEMOLITION, REMOVAL AND DISPOSAL IN ACCORDANCE WITH ALL APPLICABLE LOCAL AND PROVINCIAL REGULATIONS.
3. EXECUTE DEMOLITION IN AN ORDERLY AND CAREFUL MANNER WITH DUE CONSIDERATION FOR ADJACENT STRUCTURES AND FINISHES TO REMAIN. CONTRACTOR IS RESPONSIBLE FOR REPAIR / REPLACEMENT OF ANY DAMAGE TO ITEMS TO REMAIN AT NO COST TO THE OWNER.
4. ALL NECESSARY PRECAUTIONS SHALL BE TAKEN TO GUARD AGAINST MOVEMENT OR SETTLEMENT OF REMAINING STRUCTURE, INCLUDING ALL NECESSARY BRACING OR SHORING THAT IS REQUIRED. IF ANY MOVEMENT OR SETTLING TAKES PLACE, IMMEDIATELY STOP WORK AND CONTACT ARCHITECT.
5. WHEN PERFORMING CONCRETE SLAB REMOVALS AND EXCAVATIONS FOR MECHANICAL / ELECTRICAL SERVICE CONNECTIONS, CONTRACTOR SHALL TAKE CARE NOT TO UNDERMINE EXISTING BLOCK WALLS OR CONCRETE SLABS. PROVIDE TEMPORARY SHORING OR LEAN CONCRETE FILL AS REQUIRED.
6. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS, SPECIFICATIONS, AND / OR DEMOLITION NOTES FOR DETAILS OF SCOPE RELATED TO MECHANICAL AND ELECTRICAL DEMOLITIONS.
7. LOCATE AND DISCONNECT, CAP AND PLUG ALL GAS, WATER, SERVER, HYDRO, TELEPHONE AND OTHER SERVICES AS REQUIRED. REMOVE BACK TO SOURCE ALL REDUNDANT MECHANICAL / ELECTRICAL SERVICES OR FIXTURES IF NOT BEING REUSED IN NEW WORK. COORDINATE WITH OWNER FOR SERVICES TO REMAIN LIVE DURING CONSTRUCTION. PREARRANGE WITH CONSTRUCTION MANAGER / GENERAL CONTRACTOR AND OWNER PRIOR TO ANY SERVICE SHUTDOWNS.
8. ALL ITEMS NOT IDENTIFIED IN DRAWINGS, SPECIFICATIONS OR TAGGED BY OWNER TO REMAIN ARE TO BE REMOVED AND DISPOSED OF.
9. ALL WHITE BOARDS, TACK BOARDS, SHELVES, HANGERS, HOOKS, BLINDS AND OTHER SIMILAR (FITMENTS) IN EXTENTS OF DEMOLITION SCOPE TO BE REMOVED UNLESS NOTED OTHERWISE. COORDINATE WITH OWNER PRIOR TO DISPOSAL OF THESE ITEMS.

Existing High Density Filing (HDF) System Modification



REMOVE (2) EXISTING DOUBLE-SIDED CARRIERS. MODIFY AND RECONFIGURE EXISTING HDF SYSTEM, INCLUDING TRACKS, RAMPS, AND ASSOCIATED COMPONENTS, AS REQUIRED TO PROVIDE A COMPLETE AND FULLY FUNCTIONAL INSTALLATION. WORK SHALL BE PERFORMED BY A QUALIFIED MOBILE SHELVING CONTRACTOR.

TRUE NORTH

PROJECT NORTH

KEY PLAN

DATE	ISSUED
	10
	9
	8
	7
2026.08.04	6 PERMIT
2026.05.13	5 TENDER
2026.05.12	4 CLIENT REVIEW SET 4
2026.05.05	3 CLIENT REVIEW SET 3
2026.04.29	2 CLIENT REVIEW SET 2
2026.04.09	1 CLIENT REVIEW SET

REVISION SCHEDULE

Date	No.	Description
2026.10.30	1	Addendum 10

PROJECT NAME

BARRIE CITY HALL - FOURTH FLOOR RENOVATION

CLIENT

CITY OF BARRIE

ARCHITECT

58 GRAND AVE S, CAMBRIDGE, ON, N1S 0B7

fabrik ARCHITECTS

The contractor shall check and verify all dimensions and report any errors or omissions to the consultant before commencing or proceeding with any work. Drawings prepared and issued by consultant are the property of the consultant. These documents are not to be duplicated or copied without the consent of the Consultant. Do not scale this drawing.

copyright © 2020 FABRIK Architects Inc.

SHEET TITLE

DEMOLITION PLAN

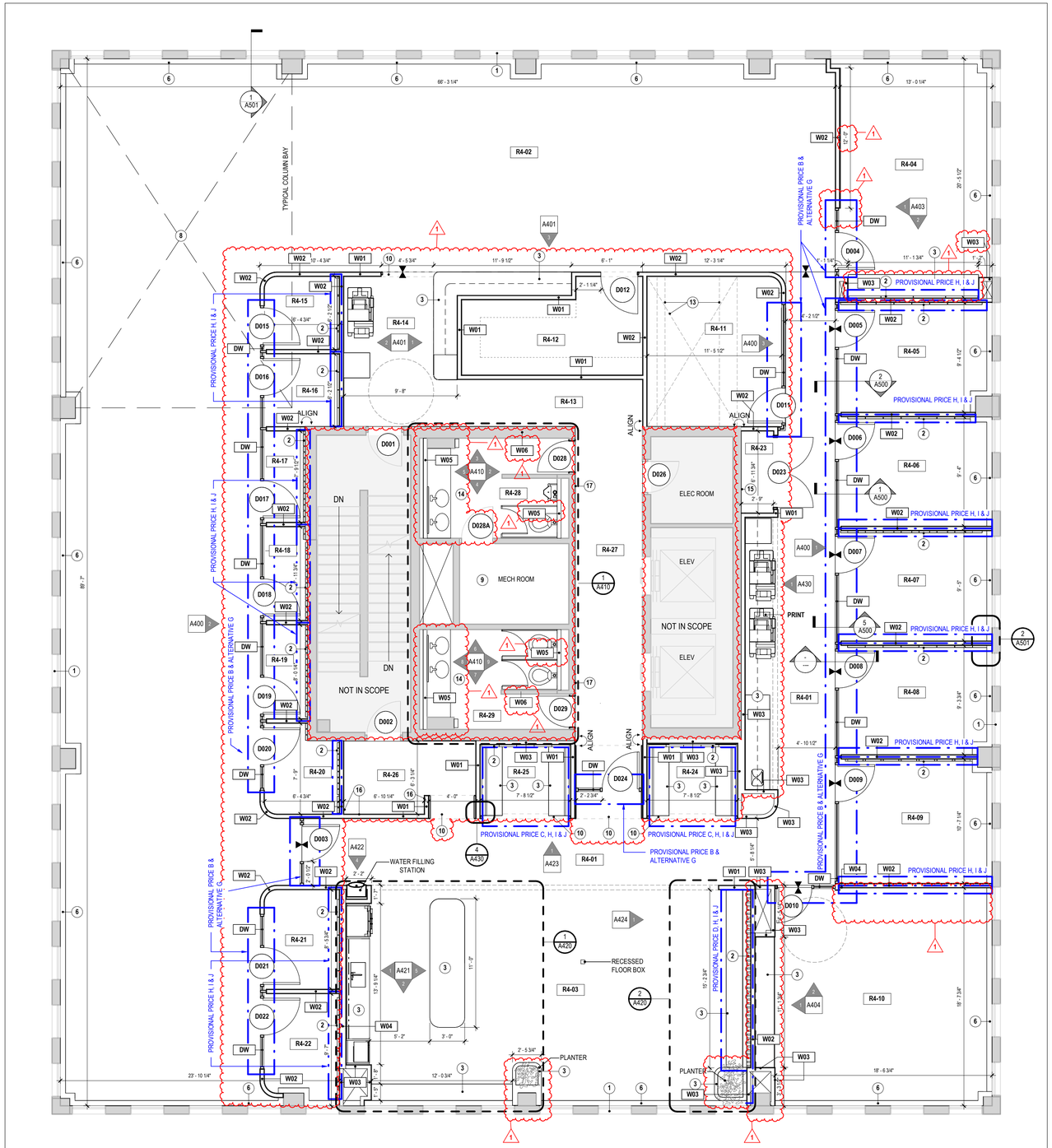
PROJECT No.	23013	SCALE	As indicated
		DRAWN By:	K.C.
		CHECKED By:	L.K.

ONTARIO ASSOCIATION OF ARCHITECTS
ELISIA M. G. NEVES
LICENCE 8599

SHEET No.

A100

2026-10-30 12:54:55 PM



1 A110 PROPOSED FLOOR PLAN
SCALE: 3/16" = 1'-0"

GENERAL CONSTRUCTION NOTES

1. PERFORM ALL WORK IN ACCORDANCE WITH THE LATEST VERSION OF THE ONTARIO BUILDING CODE. HEREIN REFERRED TO AS O.B.C. AS WELL AS LOCAL BY-LAWS AND HEALTH & SAFETY REGULATIONS.
2. DO NOT SCALE DRAWINGS, SITE VERIFY ALL DIMENSIONS, ANY DISCREPANCIES TO BE CLARIFIED WITH THE ARCHITECT.
3. ALL INTERIOR DIMENSIONS ARE TO FINISHED SURFACES, UNLESS OTHERWISE NOTED.
4. LAYOUT ALL PARTITIONS AND DOORS (CHALK LINE) PRIOR TO INSTALL. NOTIFY ARCHITECT AT ONCE SHOULD ANY PROBLEMS ARISE FROM THE SITE CONDITIONS OR OTHER CAUSES. OBTAIN ARCHITECT'S APPROVAL FOR ANY DEVIATIONS PRIOR TO CONTINUING WORK.
5. REFER TO SCHEDULES FOR DOOR SIZES. PROVIDE MINIMUM CLEARANCES AT WALL CORNERS TO ALLOW FOR TRIM TO BE INSTALLED.
6. CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING CONTINUITY OF FIRE SEPARATION OF ALL WALLS AND FLOOR AND CEILING ASSEMBLY ABOVE AND BELOW. ALL SERVICE PENETRATIONS THROUGH FIRE-RATED WALLS SHALL BE PROPERLY FIRE STOPPED WITH ULC-APPROVED SYSTEMS APPROPRIATE FOR EACH ASSEMBLY BEING PENETRATED. PROVIDE A COMPLETE SUBMITTAL PACKAGE FOR ALL FIRE STOP CONDITIONS FOR APPROVAL PRIOR TO INSTALLATION. PHOTO DOCUMENT ALL FIRESTOPPING FOR RECORD PURPOSES. CONTACT INSPECTOR AND ARCHITECT FOR REVIEWS PRIOR TO ENCLOSING AND/OR FINISHING.
7. ALL WOOD BLOCKING WITHIN EXTERIOR WALLS TO BE PRESSURE TREATED UNLESS OTHHERWISE REVIEWED AND APPROVED BY ARCHITECT.
8. PROVIDE SILL GASKETS BETWEEN ALL CONCRETE / WOOD LOCATIONS.
9. REFER TO FINISHES PLAN AND IDENTIFY ALL PREPARATION WORK REQUIRED. PATCH ANY HOLES, FILL CRACKS, REMOVE ANY BUMPS OR PROTRUSIONS AND SAND SMOOTH. SKIM COAT AS REQUIRED. PATCH AND MAKE GOOD ALL EXISTING WALLS / FLOORS / CEILINGS PRIOR TO APPLYING FINISH.
10. GENERAL CONTRACTOR TO PROVIDE HVAC AND ELECTRICAL SUB-TRADES, AS REQUIRED.
11. CONTRACTOR SHALL BE RESPONSIBLE TO SUPPLY AND INSTALL ACCESS DOORS / PANELS FOR PLUMBING, ELECTRICAL, HVAC, ETC. AS REQUIRED TO ACCESS EQUIPMENT OR CONTROLS. ACCESS DOORS / PANELS TYPE AND FINISH TO BE SUBMITTED TO ARCHITECT FOR REVIEW PRIOR TO ORDER AND INSTALL. LOCATION(S) TO BE APPROVED BY ARCHITECT.
12. ALL ELECTRICAL MECHANICAL & EMERGENCY FIXTURE WORK TO BE IN ACCORDANCE WITH ALL APPLICABLE CODES & REGULATIONS.
13. WHERE POWER AND COMMUNICATIONS OUTLETS HAVE BEEN REMOVED PATCH AND REPAIR WALL TO MATCH EXISTING. BLANK COVER PLATES WILL NOT BE ACCEPTED.
14. CONTRACTOR TO BE RESPONSIBLE FOR ALL CHASES AND OPENINGS AS MAY BE REQUIRED BY MECHANICAL, PLUMBING, ELECTRICAL OR CABLING TRADES. REFER TO DRAWINGS AND REVIEW THE REQUIREMENTS WITH THESE TRADES. MAKE GOOD ALL DAMAGED SURFACES RESULTING FROM WORK AND MAKE GOOD SUCH DAMAGES IN PROJECT SPACE WHERE MECHANICAL, PLUMBING, POWER, AND DATA PASS THROUGH.

WALL TYPE LEGEND

W01 5/8" GYPSUM WALL BOARD
3 5/8" METAL STUDS 16"o.c
5/8" GYPSUM WALL BOARD
PROVISIONAL PRICE B: W01 FINISH TO EXTEND 6" ABOVE FINISH CEILING

W02 5/8" GYPSUM WALL BOARD
3 5/8" METAL STUDS 16"o.c
3 1/2" ACOUSTIC BATT INSULATION
5/8" GYPSUM WALL BOARD
SB-3 ASSEMBLY S4b - DESIGN TO ACHIEVE STC 45

W03 5/8" GYPSUM WALL BOARD
3 5/8" METAL STUDS
PROVISIONAL PRICE B: W03 FINISH TO EXTEND 6" ABOVE FINISH CEILING

W04 5/8" GYPSUM WALL BOARD
6" METAL STUDS 16"o.c
3 1/2" ACOUSTIC BATT INSULATION
5/8" GYPSUM WALL BOARD
SB-3 ASSEMBLY S7a - DESIGN TO ACHIEVE STC 50

W05 5/8" GYPSUM WALL BOARD
3 5/8" METAL STUDS (ASSUME 18GA)
PROVIDE P.ENG. SHOP DRAWINGS FOR STUD WALLS TO ENSURE CAPACITY FOR SUSPENDED MILLWORK AND PLUMBING FIXTURES

W06 5/8" GYPSUM WALL BOARD (MOLD & MOISTURE RESISTANT)
METAL STUDS (IF EX. STUD SYSTEM IS IN GOOD CONDITION, REUSE AS REQD TO REFINISH WALLS. IF STUD SYSTEM IS NOT IN GOOD CONDITION, REFURBISH WITH NEW STEEL STUD SYSTEM, SIZING FIELD VERIFIED TO MATCH EX. REMOVED).
* WALL TYPE TYPICAL FOR ALL WASHROOM WALL SURFACES.

PROVISIONAL PRICE B

DW-1 ALUMINUM FRAMED GLASS DEMOUNTABLE
BASE BID: OWNER SUPPLIED AND INSTALLED, CONTRACTOR COORDINATED. REFER TO SPECIFICATION SECTION 01 11 00.

ALTERNATIVE G

DW-2 PROVISIONAL PRICE: CONTRACTOR SUPPLIED AND INSTALLED DEMOUNTABLE WALL SYSTEM. REFER TO SPECIFICATION SECTION 10 22 19 AND SECTION 01 23 00.

NOTE: ALL EXISTING WALLS ARE NOT TAGGED IN THE DRAWING. REFER TO DEMO PLAN.

NOTE: REFER TO WALL SECTIONS AND SECTION DETAILS FOR HEIGHTS OF WALLS. ALL WALLS NOT SHOWN IN SECTION OR NOTED OTHERWISE ARE TO HAVE FINISH MATERIALS EXTENDED FULL HEIGHT TO UNDERSIDE OF FLOOR LEVEL ABOVE.

ALTERNATIVE K

ALTERNATIVE PRICE FOR WALL TYPES W02 AND W04 - EXTEND WALL FINISH TO 6" ABOVE FINISHED CEILING WITH SOUND BAFFLE ABOVE, IN LIEU OF EXTENDING FINISH TO SLAB.

NOTE: ALL STUDS TO BE CONTINUOUS TO UNDERSIDE OF EXISTING STRUCTURE ABOVE OR BE ENGINEERED AS UNBRACED WALLS WITH STAMPED DRAWINGS BY A PROFESSIONAL ENGINEER SUBMITTED TO ARCHITECT FOR REVIEW AND APPROVAL.

NOTE: ACOUSTIC SEALANT TO BE PROVIDED AT TOP AND BOTTOM OF ALL WALLS WITH AN STC OF 45 OR HIGHER. SEALANT TO BE PROVIDED BETWEEN STUD AND GYPSUM BOARD, BOTH SIDES OF STUD AND BOTH TOP AND BOTTOM OF WALL.

SPECIFIC CONSTRUCTION NOTES (#)

PROVISIONAL PRICE E

1. NEW WINDOW ROLLER BLIND (TYP. FOR ALL EXTERIOR WINDOWS)
2. WALL-MOUNTED ACOUSTIC PANELS. REFER TO FINISHES PLAN AND INTERIOR ELEVATIONS.

PROVISIONAL PRICE H, I & J

3. CUSTOM MILLWORK. REFER TO ENLARGED PLANS, ELEVATIONS AND SECTIONS.
4. SUSPENDED ACOUSTIC BAFFLE - REFER TO SPECIFICATIONS.
5. RESERVED.

ALTERNATIVE A

6. PERIMETER WALL HEATER
7. ALTERNATIVE PRICE ITEM - 5/8" DRYWALL WITH REVEAL TRIM CONNECTION TO ACT CEILING IN LIEU OF ACT CEILING THIS AREA
8. PROVIDE AND INSTALL FLOOR LEVELER. SLOPE WITHIN EACH EXISTING COLUMN BAY TO BE ASSUMED TO BE OUT OF LEVEL BY UP TO 1 3/4" AT CENTER OF COLUMN BAY UP TO REGULAR LEVEL AT PERIMETER OF COLUMN BAY. TYPICAL FOR ALL COLUMN BAYS (10 TOTAL BAYS, CORE EXCLUDED). ACHIEVING A FLOOR LEVELNESS OF ½ INCH OVER 10 FEET IS ACCEPTABLE FOR BAYS THAT FALL UNDER THE OPEN OFFICE R4-02 SPACES. ACHIEVING A FLOOR LEVELNESS OF ¼ INCH OVER 10 FT IS ACCEPTABLE FOR ALL OTHER BAYS.
9. REPAIR ALL EXISTING PENETRATIONS INTO MECHANICAL SPACE WITH NEW FIRE STOPPING AS MAY BE REQUIRED. REPAIRS TO EXISTING CONDITIONS TO BE COMPLETED UNDER CASH ALLOWANCE. PROVIDE FIRE STOPPING AT ALL NEW PENETRATIONS AS PART OF BASE BID WORKS.
10. CUSTOM MILLWORK FRAME AROUND OPENING. REFER TO ELEVATIONS AND SPECIFICATIONS
11. CUSTOM METAL FABRICATION ABOVE CEILING GRID TO SUPPORT TOILET PARTITIONS. REFER TO SPECIFICATIONS SECTION 05 55 00 METAL FABRICATIONS.
12. RESERVED.
13. HIGH-DENSITY FILE STORAGE. REWORK EXISTING TRACK TO FIT WITHIN NEW ENCLOSED ROOM. COORDINATE WITH EXISTING CONDITION. TWO DOUBLE-SIDED CARRIERS REMOVED. TWO DOUBLE-SIDED CARRIERS AND TWO SINGLE SIDED CARRIERS TO BE RE-INSTALLED. WORK SHALL BE PERFORMED BY A QUALIFIED MOBILE SHELVING CONTRACTOR. REFER TO EXISTING CONDITION IMAGE ON SHEET A100.
14. NEW MOISTURE-RESISTANT GYPSUM BOARD SUBSTRATE THROUGHOUT ALL WALL SURFACES. NEW METAL STUD FRAMING IS REQ'D TO REPLACE EXISTING. COORDINATE WITH EXISTING CONDITION AND DEMOLITION.
15. PROVIDE AND INSTALL FIRE-RATED PLYWOOD BACKER BOARD IN IT CLOSET. ASSUME SIZE OF SIX FEET BY SIX FEET.
16. PROVIDE IN-WALL BLOCKING FOR COAT HOOKS / COAT RACKS. COORDINATE EXTENTS WITH OWNER.
17. PROVIDE AND INSTALL DIRECTIONAL SIGNAGE FOR BARRIER-FREE WASHROOMS ON OTHER FLOORS (TWO SIGNS TOTAL, ONE AT EACH WASHROOM ENTRANCE), IN COMPLIANCE WITH OBC SECTION 3.8.3.1. PROVIDE SHOP DRAWING FOR CONSULTANT AND OWNER REVIEW.

NOTE: THE SPECIFIC CONSTRUCTION NOTES PROVIDED HERE APPLY TO ALL DRAWINGS, EACH NUMBER MAY NOT SHOW UP ON EVERY DRAWING.

ROOM LEGEND

Name	Number
CORRIDOR	R4-01
OPEN WORK AREA	R4-02
CAFE/COLLAB	R4-03
CONFERENCE ROOM	R4-04
FOCUS ROOM	R4-05
OFFICE	R4-06
MEETING ROOM	R4-07
MEETING ROOM	R4-08
MEETING ROOM	R4-09
LIBRARY	R4-10
STORAGE	R4-11
STORAGE	R4-12
CORRIDOR	R4-13
PRINT	R4-14
FOCUS ROOM	R4-15
FOCUS ROOM	R4-16
PHONE ROOM	R4-17
PHONE ROOM	R4-18
PHONE ROOM	R4-19
FOCUS ROOM	R4-20
FOCUS ROOM	R4-21
FOCUS ROOM	R4-22
IT CLOSET	R4-23
BOOTH	R4-24
BOOTH	R4-25
COATS	R4-26
LOBBY	R4-27
MEN'S WASHROOM	R4-28
WOMEN'S WASHROOM	R4-29

TRUE NORTH

PROJECT NORTH

KEY PLAN

	10	
	9	
	8	
	7	
2026.08.04	6	PERMIT
2026.05.13	5	TENDER
2026.05.12	4	CLIENT REVIEW SET 4
2026.05.05	3	CLIENT REVIEW SET 3
2026.04.29	2	CLIENT REVIEW SET 2
2026.04.09	1	CLIENT REVIEW SET
DATE		ISSUED

REVISION SCHEDULE

Date	No.	Description
2026.10.30	1	Addendum 10

PROJECT NAME

BARRIE CITY HALL - FOURTH FLOOR RENOVATION

CLIENT

CITY OF BARRIE

ARCHITECT

58 GRAND AVE S, CAMBRIDGE, ON, N1S 0B7

fabrik ARCHITECTS

The contractor shall check and verify all dimensions and report any errors or omissions to the consultant before commencing or proceeding with any work. Drawings prepared and issued by consultant are the property of the consultant. These documents are not to be duplicated or copied without the consent of the Consultant. Do not scale this drawing.

copyright © 2020 FABRIK Architects Inc.

SHEET TITLE

PROPOSED FLOOR PLAN

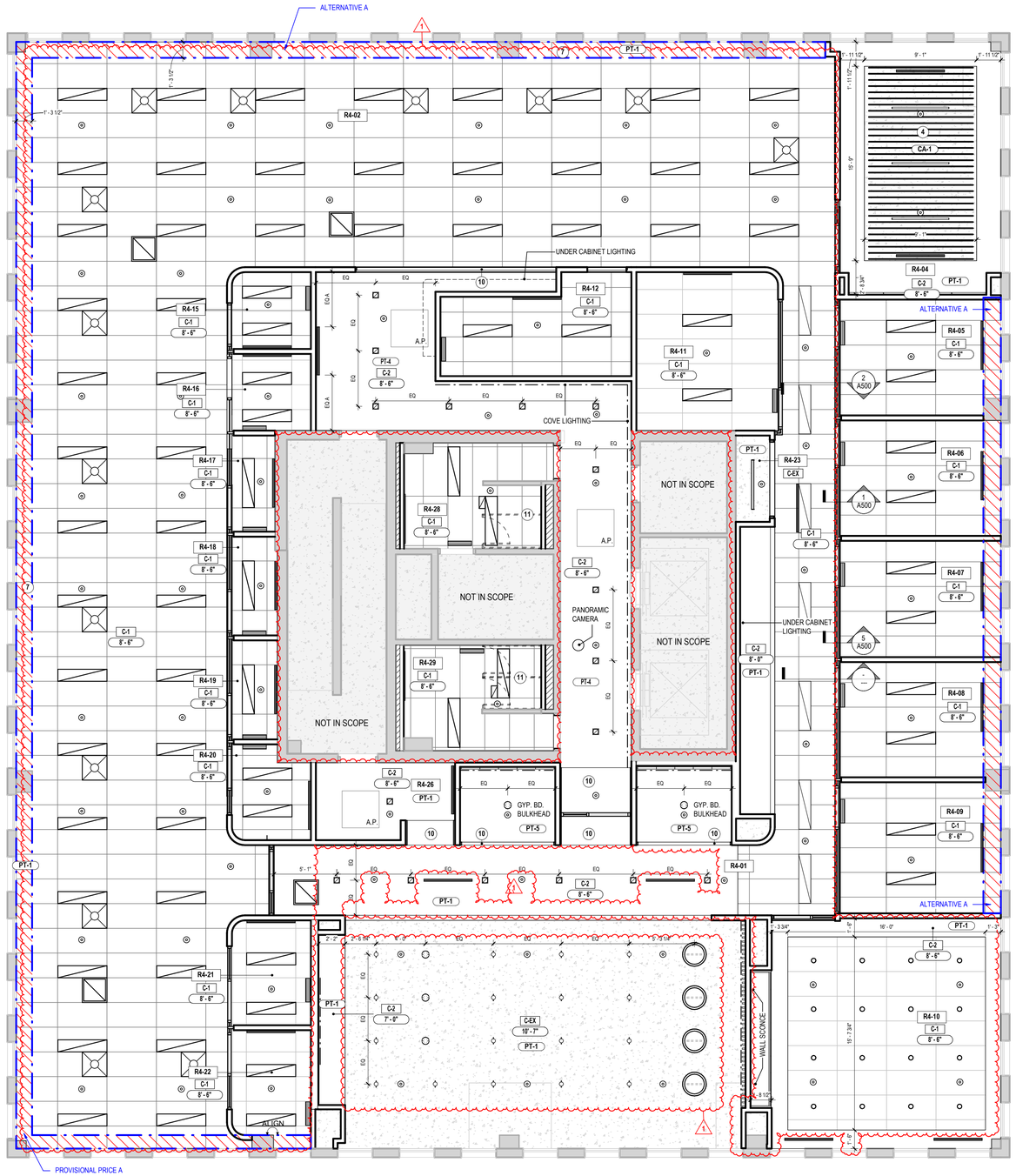
PROJECT No.	23013	SCALE	As indicated
		DRAWN By:	K.C.
		CHECKED By:	L.K.

ONTARIO ASSOCIATION OF ARCHITECTS — ELISIA M. G. NEVES — LICENCE 8599

SHEET No.

A110

2026-10-30 12:54:57 PM



1 A111 PROPOSED CEILING PLAN

SCALE: 3/16" = 1'-0"

CEILING PLAN LEGEND

- 1 X 4 LIGHT PANEL - REFER TO ELECTRICAL DRAWING AND SPECIFICATIONS
- LINEAR PENDANT - REFER TO ELECTRICAL DRAWING AND SPECIFICATIONS
- RECESSED LINEAR LIGHT FIXTURE - REFER TO ELECTRICAL DRAWING AND SPECIFICATIONS
- COVE LIGHT - REFER TO ELECTRICAL DRAWING AND SPECIFICATIONS
- DOWNLIGHT - REFER TO ELECTRICAL DRAWING AND SPECIFICATIONS
- WALL SCONCE - REFER TO ELECTRICAL DRAWING AND SPECIFICATIONS
- CYLINDER DOWNLIGHT - REFER TO ELECTRICAL DRAWING AND SPECIFICATIONS
- SURFACE CEILING LIGHT (TBD.) - REFER TO ELECTRICAL DRAWING AND SPECIFICATIONS
- PENDANT 2 (TBD.) - REFER TO ELECTRICAL DRAWING AND SPECIFICATIONS
- PENDANT 3 (TBD.) - REFER TO ELECTRICAL DRAWING AND SPECIFICATIONS
- ACT CEILING TILE AND GRID - REFER TO SPECIFICATIONS
- CONCRETE OPEN CEILING
- DRYWALL CEILING
- ACOUSTIC CEILING BAFFLE (TBD.) - REFER TO SPECIFICATIONS
- ACOUSTIC CEILING PANEL (TBD.) - REFER TO SPECIFICATIONS
- SPRINKLER HEAD
- SLOT SUPPLY / RETURN GRILLE - REFER TO MECHANICAL PLANS
- RETURN GRILLE - REFER TO MECHANICAL PLANS
- SUPPLY AIR DIFFUSER - REFER TO MECHANICAL PLANS
- RETURN GRILLE - REFER TO MECHANICAL PLANS
- SUPPLY AIR DIFFUSER - REFER TO MECHANICAL PLANS
- A.P. ACCESS PANEL FOR EXISTING MECHANICAL - REFER TO MECHANICAL PLANS

CEILING TYPE LEGEND

- C-1 — 2X4 ACT CEILING, REFER TO SPECIFICATIONS
- C-2 — DRYWALL CEILING, PAINTED FINISH - COLOR AS SELECTED BY ARCHITECT, UP TO TWO DIFFERENT COLOURS MAY BE SELECTED - COORDINATE WITH FINISHES PLAN.
- C-EX — EXISTING CONCRETE CEILING TO REMAIN, PAINTED FINISH FOR CONCRETE AND ALL EXPOSED SERVICES - COLOUR PT-1
- CA-1 — ACOUSTIC CEILING BAFFLE
- CA-2 — ACOUSTIC CEILING BAFFLE PANEL

SPECIFIC CONSTRUCTION NOTES

PROVISIONAL PRICE E

1. NEW WINDOW ROLLER BLIND (TYP. FOR ALL EXTERIOR WINDOWS)
2. WALL-MOUNTED ACOUSTIC PANELS. REFER TO FINISHES PLAN AND INTERIOR ELEVATIONS.

PROVISIONAL PRICE H, I & J

3. CUSTOM MILLWORK. REFER TO ENLARGED PLANS, ELEVATIONS AND SECTIONS.
4. SUSPENDED ACOUSTIC BAFFLE - REFER TO SPECIFICATIONS.
5. RESERVED.
6. PERIMETER WALL HEATER

ALTERNATIVE A

7. ALTERNATIVE PRICE ITEM - 5/8" DRYWALL WITH REVEAL TRIM CONNECTION TO ACT CEILING IN LIEU OF ACT CEILING THIS AREA
8. PROVIDE AND INSTALL FLOOR LEVELER. SLOPE WITHIN EACH EXISTING COLUMN BAY TO BE ASSUMED TO BE OUT OF LEVEL BY UP TO 1 3/4" AT CENTER OF COLUMN BAY UP TO REGULAR LEVEL AT PERIMETER OF COLUMN BAY. TYPICAL FOR ALL COLUMN BAYS (10 TOTAL BAYS, CORE EXCLUDED). ACHIEVING A FLOOR LEVELNESS OF ½ INCH OVER 10 FEET IS ACCEPTABLE FOR BAYS THAT FALL UNDER THE OPEN OFFICE R4-02 SPACES. ACHIEVING A FLOOR LEVELNESS OF ¼ INCH OVER 10 FT IS ACCEPTABLE FOR ALL OTHER BAYS.
9. REPAIR ALL EXISTING PENETRATIONS INTO MECHANICAL SPACE WITH NEW FIRE STOPPING AS MAY BE REQUIRED. REPAIRS TO EXISTING CONDITIONS TO BE COMPLETED UNDER CASH ALLOWANCE. PROVIDE FIRE STOPPING AT ALL NEW PENETRATIONS AS PART OF BASE BID WORKS.
10. CUSTOM MILLWORK FRAME AROUND OPENING. REFER TO ELEVATIONS AND SPECIFICATIONS
11. CUSTOM METAL FABRICATION ABOVE CEILING GRID TO SUPPORT TOILET PARTITIONS. REFER TO SPECIFICATIONS SECTION 05 55 00 METAL FABRICATIONS.
12. RESERVED.
13. HIGH-DENSITY FILE STORAGE. REWORK EXISTING TRACK TO FIT WITHIN NEW ENCLOSED ROOM. COORDINATE WITH EXISTING CONDITION. TWO DOUBLE-SIDED CARRIERS REMOVED. TWO DOUBLE-SIDED CARRIERS AND TWO SINGLE SIDED CARRIERS TO BE RE-INSTALLED. WORK SHALL BE PERFORMED BY A QUALIFIED MOBILE SHELVING CONTRACTOR. REFER TO EXISTING CONDITION IMAGE ON SHEET A100.
14. NEW MOISTURE-RESISTANT GYPSUM BOARD SUBSTRATE THROUGHOUT ALL WALL SURFACES. NEW METAL STUD FRAMING IS REQ'D TO REPLACE EXISTING. COORDINATE WITH EXISTING CONDITION AND DEMOLITION.
15. PROVIDE AND INSTALL FIRE-RATED PLYWOOD BACKER BOARD IN IT CLOSET. ASSUME SIZE OF SIX FEET BY SIX FEET.
16. PROVIDE IN-WALL BLOCKING FOR COAT HOOKS / COAT RACKS. COORDINATE EXTENTS WITH OWNER.
17. PROVIDE AND INSTALL DIRECTIONAL SIGNAGE FOR BARRIER-FREE WASHROOMS ON OTHER FLOORS (TWO SIGNS TOTAL, ONE AT EACH WASHROOM ENTRANCE), IN COMPLIANCE WITH OBC SECTION 3.8.3.1. PROVIDE SHOP DRAWING FOR CONSULTANT AND OWNER REVIEW.

NOTE: THE SPECIFIC CONSTRUCTION NOTES PROVIDED HERE APPLY TO ALL DRAWINGS, EACH NUMBER MAY NOT SHOW UP ON EVERY DRAWING.

RCP NOTES

1. NEW CEILINGS TO BE INSTALLED, COORDINATE WITH MECHANICAL, ELECTRICAL & INTERIOR DESIGN PLANS FOR NEW LOCATIONS OF FIXTURES.
2. PROVIDE NEW FRAMING IN CEILING ABOVE TO SECURE THE TOP OF THE DEMOUNTABLE WALL.
3. LOCATION AND QUANTITY OF ACCESS PANELS ARE APPROXIMATE. DETERMINE ALL LOCATIONS NEEDED IN THE FIELD FOR ALL MECHANICAL AND ELECTRICAL SYSTEMS. PROVIDE ALL ACCESS PANELS AS NEEDED AT NO ADDITIONAL COST TO THE OWNER. NOTIFY ARCHITECT SHOULD EQUAL SPACING OF LIGHTING BE AFFECTED FOR INPUT.

ROOM LEGEND

Name	Number
CORRIDOR	R4-01
OPEN WORK AREA	R4-02
CAFE/COLLAB	R4-03
CONFERENCE ROOM	R4-04
FOCUS ROOM	R4-05
OFFICE	R4-06
MEETING ROOM	R4-07
MEETING ROOM	R4-08
MEETING ROOM	R4-09
LIBRARY	R4-10
STORAGE	R4-11
STORAGE	R4-12
CORRIDOR	R4-13
PRINT	R4-14
FOCUS ROOM	R4-15
FOCUS ROOM	R4-16
PHONE ROOM	R4-17
PHONE ROOM	R4-18
PHONE ROOM	R4-19
FOCUS ROOM	R4-20
FOCUS ROOM	R4-21
FOCUS ROOM	R4-22
IT CLOSET	R4-23
BOOTH	R4-24
BOOTH	R4-25
COATS	R4-26
LOBBY	R4-27
MEN'S WASHROOM	R4-28
WOMEN'S WASHROOM	R4-29

TRUE NORTH

PROJECT NORTH

KEY PLAN

	10	
	9	
	8	
	7	
2026.08.04	6	PERMIT
2026.05.13	5	TENDER
2026.05.12	4	CLIENT REVIEW SET 4
2026.05.05	3	CLIENT REVIEW SET 3
2026.04.29	2	CLIENT REVIEW SET 2
2026.04.09	1	CLIENT REVIEW SET
DATE		ISSUED

REVISION SCHEDULE

Date	No.	Description
2026.10.30	1	Addendum 10

PROJECT NAME

BARRIE CITY HALL - FOURTH FLOOR RENOVATION

CLIENT

CITY OF BARRIE

ARCHITECT

58 GRAND AVE S, CAMBRIDGE, ON, N1S 0B7

fabrik ARCHITECTS

The contractor shall check and verify all dimensions and report any errors or omissions to the consultant before commencing or proceeding with any work. Drawings prepared and issued by consultant are the property of the consultant. These documents are not to be duplicated or copied without the consent of the Consultant. Do not scale this drawing.

copyright © 2020 FABRIK Architects Inc.

SHEET TITLE

PROPOSED REFLECTED CEILING PLAN

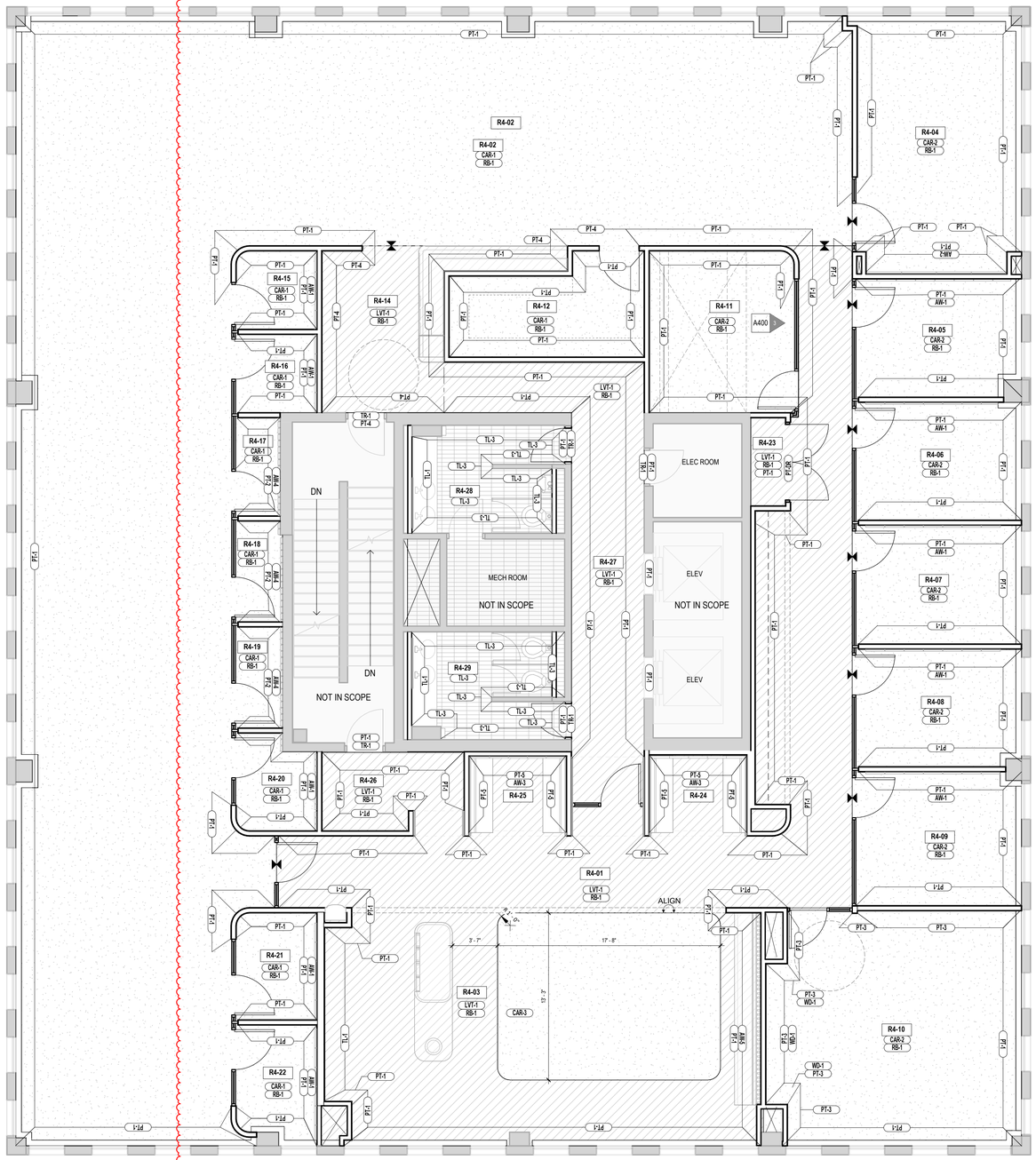
PROJECT No.	23013	SCALE	As indicated
		DRAWN By:	K.C.
		CHECKED By:	L.K.

ONTARIO ASSOCIATION OF ARCHITECTS — ELISIA M. G. NEVES — LICENCE 8599

SHEET No.

A111

2026-10-30 12:54:59 PM



1 A112 PROPOSED FINISHES PLAN
SCALE: 3/16" = 1'-0"

GENERAL FINISHING NOTES

1. FIELD VERIFICATION IS REQUIRED FOR QUANTITIES OF ALL MATERIALS PRIOR TO ORDERING AND INSTALLING.
2. ALL MATERIALS LISTED TO BE AS SPECIFIED OR APPROVED ALTERNATIVES. ANY PROPOSED ALTERNATIVES TO BE SUBMITTED TO ARCHITECT FOR REVIEW OF COLOUR, FINISH AND QUALITY PRIOR TO ORDERING MATERIAL. G.C. TO SUPPLY AND INSTALL ALL MATERIALS ABOVE AS LISTED AND INDICATED ON PLANS AND SPECIFICATIONS UNLESS OTHERWISE NOTED.
3. PRIOR TO ORDERING, ALL FINISHES NEED TO BE CONFIRMED AND APPROVED BY CLIENT AND ARCHITECT. DO NOT ORDER WITHOUT WRITTEN CONFIRMATION; SUPPLY SAMPLES TO DESIGNER / PROJECT MANAGER FOR APPROVAL.
4. ALL MATERIALS TO BE INSTALLED AS PER MANUFACTURER'S SPECIFICATIONS AND INSTRUCTIONS FOR THE INTENDED USAGE.
5. PREPARE A PACK OF SIGNIFICANT SIZE LEFTOVERS WHICH WILL REMAIN ON SITE FOR FUTURE REPAIRS AND PATCHING FOR EACH TYPE / COLOR OF ALL FINISHES. ASSUME 10% OVERAGE UNLESS OTHERWISE CONFIRMED WITH OWNER.
6. REPAIR AND MAKE GOOD ALL EXISTING FINISHES TO REMAIN WHICH ARE AFFECTED BY NEW CONSTRUCTION.
7. ALL DOOR FRAMES AND BASE MUST BE PROTECTED WITH APPROPRIATE MATERIAL TO AVOID DAMAGE DURING INSTALLATION OF FLOORING MATERIALS. THE PROTECTION MATERIALS AND METHODS OF ADHESION SHOULD NOT DAMAGE THE FINISH WHEN REMOVED. DAMAGE DONE TO COMPLETED WORK TO BE REPAIRED AT NO COST TO THE OWNER.
8. WALL PAINT TO BE APPLIED WITH 1 COAT PRIMER AND TWO COATS PAINT. ALL GENERAL WALLS TO BE PAINTED AS PER SPECIFICATIONS AND IN CONFORMANCE WITH CURRENT ISSUE OF MASTER PAINTERS INSTITUTE ARCHITECTURAL PAINTING SPECIFICATIONS MANUAL AND MAINTENANCE REPAINTING MANUAL REGARDING MATERIALS, PREPARATION AND WORKMANSHIP. PAINT FORMULA TO BE COMMERCIAL GRADE FOR HIGH TRAFFIC AREAS WITH EASILY WASHABLE AND STAIN RESISTANT FINISH.
9. REMOVE ALL SIGNS, COVER PLATES, ESCUTCHEON PLATES AND ANY LOOSE FIXTURES ON WALL PRIOR TO PAINTING / WALL COVERING. UPON COMPLETION, REINSTALL.
10. MASK OFF HINGES FROM EXISTING DOORS PRIOR TO PAINTING AND / OR REMOVE COMPLETE AND REINSTALL UPON COMPLETION.
11. ENSURE FLOOR IS PROPERLY PREPARED FOR INSTALLATION OF SPECIFIED FLOOR FINISH PER MANUFACTURER'S INSTRUCTIONS.
12. ENSURE SURFACE FLATNESS OF SUBSTRATES IS IN CONFORMANCE WITH MATERIAL / PRODUCT ACCEPTABLE STANDARDS. IF ACCEPTABLE STANDARDS ARE NOT MET, IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO MEET THESE STANDARDS BEFORE PROCEEDING WITH WORK.
13. ALL FLOORING MATERIAL TO HAVE MANUFACTURERS RECOMMENDED FINISH APPLIED AFTER INSTALLATION AND PROPER CARE AND MAINTENANCE INSTRUCTIONS TO BE ISSUED TO THE OWNER.
14. WHEN A CHANGE IN FLOOR FINISH OCCURS AT DOORWAY, LOCATE THE SEAM TO BE CENTERED UNDER THE DOOR IN THE CLOSED POSITION, UNLESS OTHERWISE INDICITATED.
15. CONTRACTOR IS RESPONSIBLE TO PROVIDE FLOOR TRANSITIONS BETWEEN DISSIMILAR FLOORING MATERIAL AS REQUIRED BY THE ONTARIO BUILDING CODE. PROVIDE SUBMITTAL WITH PROFILE, MATERIAL, AND COLOR/FINISH FOR EACH TRANSITION LOCATION FOR ARCHITECT TO REVIEW PRIOR TO ORDER AND INSTALL.
16. ALL FLOOR FINISHES TO BE PROTECTED FROM DAMAGE BY TRADES AFTER INSTALLATION. ANY DAMAGE TO BE REPAIRED AT NO COST TO THE CLIENT.
17. ALL INTERIOR FINISHES TO HAVE FLAME SPREAD RATING OF EQUAL TO OR LESS THAN 150.

FINISHES LEGEND

PT-1	FIELD COLOUR (ALL LOCATIONS UNLESS NOTED OTHERWISE) DULUX DIAMOND OR APPROVED EQUIVALENT; COLOUR AS SELECTED BY ARCH / OWNER; EGGSHELL FINISH	CT-1	COUNTER TOP FINISH
		WD-1	WOOD-LOOK PLASTIC LAMINATE
		PL-1	PLASTIC LAMINATE
PT-2	ACCENT COLOR 1 - PHONE ROOMS DULUX DIAMOND OR APPROVED EQUIVALENT; COLOUR AS SELECTED EGGSHELL FINISH	PL-2	PLASTIC LAMINATE
		ML-1	WHITE MELAMINE
PT-3	ACCENT COLOR 2 - LIBRARY DULUX DIAMOND OR APPROVED EQUIVALENT; COLOUR AS SELECTED EGGSHELL FINISH	AW-1	ACOUSTIC WALL TILE 1
		AW-2	ACOUSTIC WALL TILE 2
		AW-3	ACOUSTIC WALL TILE 3
PT-4	ACCENT COLOR 3 - PRINT DULUX DIAMOND OR APPROVED EQUIVALENT; COLOUR AS SELECTED FLAT FINISH	AW-4	ACOUSTIC WALL TILE 4
		AW-5	ACOUSTIC WALL TILE 5
PT-5	ACCENT COLOR 4 - BOOTHS DULUX DIAMOND OR APPROVED EQUIVALENT; COLOUR AS SELECTED EGGSHELL FINISH	UPH-1	UPHOLSTERY - SEAT AND BACK BOOTHS REFER TO MILLWORK SPECIFICATIONS
		UPH-2	UPHOLSTERY - SEAT AND BACK CAFE BANQUETTE REFER TO MILLWORK SPECIFICATIONS
RB-1	RUBBER WALL BASE COLOUR AS SELECTED BY ARCHITECT TO MATCH WALLS		
		TL-1	WALL TILE
CAR-1	CARPET TILE	TL-2	PLANTER WALL TILE
CAR-2	CARPET TILE	TL-3	FLOOR AND WALL TILE
CAR-3	CARPET TILE	TR-1	FLOORING TRANSITION
LVT-1	LVT FLOORING		

NOTES:
1. GENERAL CONTRACTOR TO ENSURE ADEQUATE BLOCKING IS PROVIDED IN WALLS WHERE REQUIRED TO SUPPORT WALL-HUNG ELEMENTS (TYP. FOR ALL MILLWORK, TVS, WHITEBOARDS, WASHROOM ACCESSORIES, ETC.). WHERE ADDITIONAL BLOCKING IS REQUIRED IN EXISTING WALLS, CONTRACTOR IS RESPONSIBLE FOR PATCHING WALL TO MAKE GOOD.
2. ALIGN ALL WALL TILE JOINTS WITH FLOOR TILE AND BASEBOARD TILE JOINTS WHEREVER POSSIBLE.
3. REFER TO BOOK SPECIFICATION SECTIONS FOR ADDITIONAL INFORMATION.
4. TBD - PRODUCT AND/OR COLOUR TO BE DETERMINED BY OWNER AND CONSULTANT.
5. ALL COLOURS TO BE REVIEWED AND APPROVED BY OWNER AT SHOP DRAWING STAGE.
6. WD DENOTES WOOD-GRAIN LAMINATE. PL DENOTES SOLID-COLOUR PLASTIC LAMINATE.
7. DOORS TO BE PAINTED TO MATCH ADJACENT WALL U.N.O. - SHEEN TO BE DETERMINED.
8. FLOOR FINISH CHANGES TO BE FLUSH BUTT JOINTS, CENTERED ON DOOR LEAF AT DOORWAYS. WHERE REQUIRED, PROVIDE TRANSITION STRIPS.
9. WD-1 AT HORIZONTAL SURFACES - CONFERENCE RF-04 AND LIBRARY R4-10 CREDENZA TOPS. GRAIN TO RUN WITH THE LONG DIMENSION. TOPS TO BE ONE PIECE, NO SEAMS. CUTOUTS FOR WASTE STATION AND GROMMETS TO HAVE RADIUSED CORNERS AND SEALED EDGES.

ROOM LEGEND

Name	Number
CORRIDOR	R4-01
OPEN WORK AREA	R4-02
CAFE/COLLAB	R4-03
CONFERENCE ROOM	R4-04
FOCUS ROOM	R4-05
OFFICE	R4-06
MEETING ROOM	R4-07
MEETING ROOM	R4-08
MEETING ROOM	R4-09
LIBRARY	R4-10
STORAGE	R4-11
STORAGE	R4-12
CORRIDOR	R4-13
PRINT	R4-14
FOCUS ROOM	R4-15
FOCUS ROOM	R4-16
PHONE ROOM	R4-17
PHONE ROOM	R4-18
PHONE ROOM	R4-19
FOCUS ROOM	R4-20
FOCUS ROOM	R4-21
FOCUS ROOM	R4-22
IT CLOSET	R4-23
BOOTH	R4-24
BOOTH	R4-25
COATS	R4-26
LOBBY	R4-27
MEN'S WASHROOM	R4-28
WOMEN'S WASHROOM	R4-29

TRUE NORTH

PROJECT NORTH

KEY PLAN

DATE		ISSUED
	10	
	9	
	8	
	7	
2026.08.04	6	PERMIT
2026.05.13	5	TENDER
2026.05.12	4	CLIENT REVIEW SET 4
2026.05.05	3	CLIENT REVIEW SET 3
2026.04.29	2	CLIENT REVIEW SET 2
2026.04.09	1	CLIENT REVIEW SET

REVISION SCHEDULE

Date	No.	Description
2026.10.30	1	Addendum 10

PROJECT NAME
BARRIE CITY HALL - FOURTH FLOOR RENOVATION

CLIENT
CITY OF BARRIE

ARCHITECT

58 GRAND AVE S, CAMBRIDGE, ON, N1S 0B7

fabrik ARCHITECTS

The contractor shall check and verify all dimensions and report any errors or omissions to the consultant before commencing or proceeding with any work. Drawings prepared and issued by consultant are the property of the consultant. These documents are not to be duplicated or copied without the consent of the Consultant. Do not scale this drawing.

copyright © 2020 FABRIK Architects Inc.

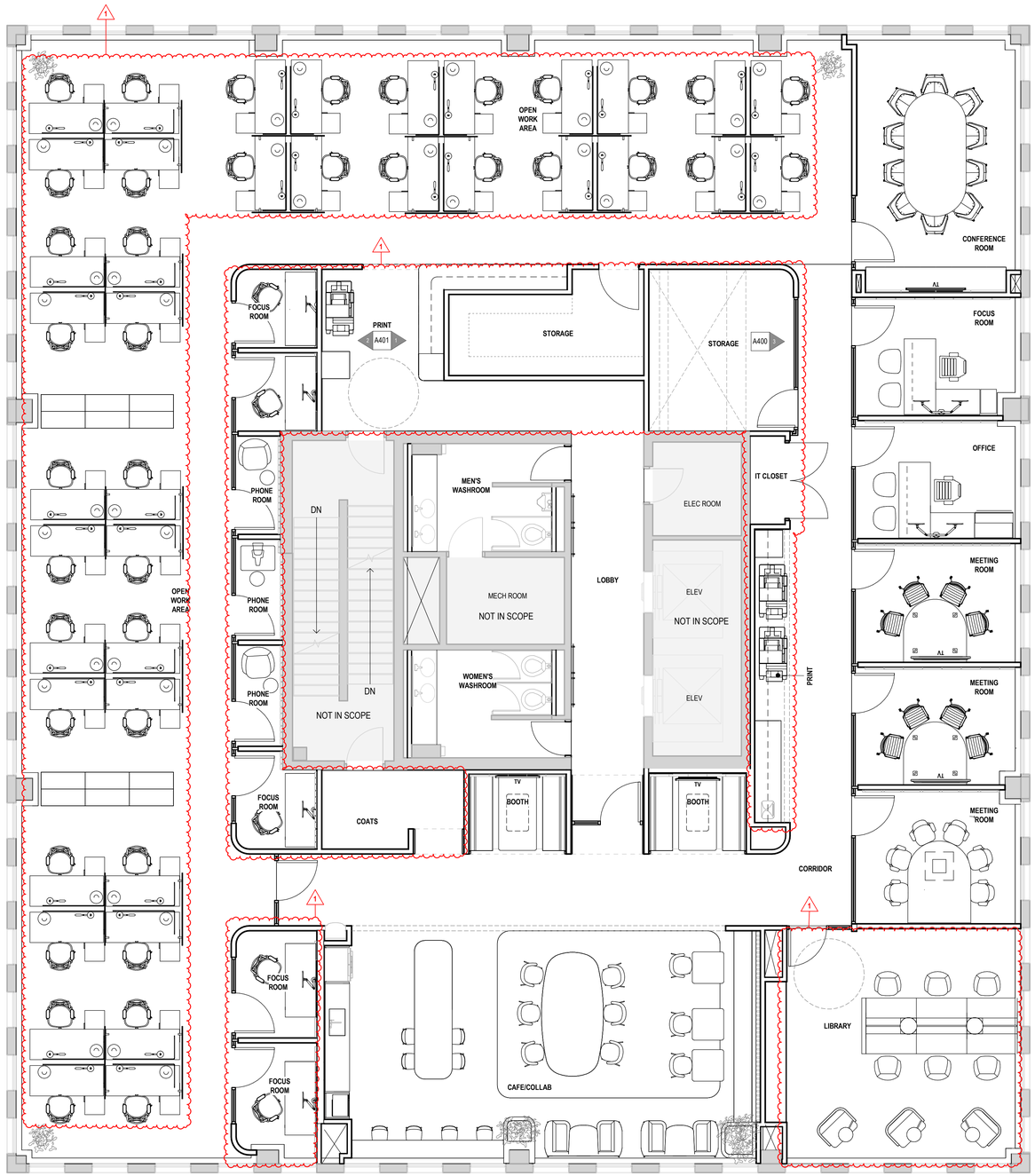
SHEET TITLE
PROPOSED FINISHES PLAN

PROJECT No.	23013	SCALE	As indicated
		DRAWN By:	K.C.
		CHECKED By:	L.K.

ONTARIO ASSOCIATION OF ARCHITECTS
Elisia M. G. Neves
ELISIA M. G. NEVES
LICENCE
8559

SHEET No.
A112

2026-10-30 12:55:04 PM



1 A113 PROPOSED FURNITURE PLAN

SCALE: 3/16" = 1'-0"

ROOM LEGEND

Name	Number
CORRIDOR	R4-01
OPEN WORK AREA	R4-02
CAFE/COLLAB	R4-03
CONFERENCE ROOM	R4-04
FOCUS ROOM	R4-05
OFFICE	R4-06
MEETING ROOM	R4-07
MEETING ROOM	R4-08
MEETING ROOM	R4-09
LIBRARY	R4-10
STORAGE	R4-11
STORAGE	R4-12
CORRIDOR	R4-13
PRINT	R4-14
FOCUS ROOM	R4-15
FOCUS ROOM	R4-16
PHONE ROOM	R4-17
PHONE ROOM	R4-18
PHONE ROOM	R4-19
FOCUS ROOM	R4-20
FOCUS ROOM	R4-21
FOCUS ROOM	R4-22
IT CLOSET	R4-23
BOOTH	R4-24
BOOTH	R4-25
COATS	R4-26
LOBBY	R4-27
MEN'S WASHROOM	R4-28
WOMEN'S WASHROOM	R4-29

TRUE NORTH

PROJECT NORTH

KEY PLAN

	10	
	9	
	8	
	7	
2026.08.04	6	PERMIT
2026.05.13	5	TENDER
2026.05.12	4	CLIENT REVIEW SET 4
2026.05.05	3	CLIENT REVIEW SET 3
2026.04.29	2	CLIENT REVIEW SET 2
2026.04.09	1	CLIENT REVIEW SET
DATE		ISSUED

REVISION SCHEDULE

Date	No.	Description
2026.10.30	1	Addendum 10

PROJECT NAME

BARRIE CITY HALL - FOURTH FLOOR RENOVATION

CLIENT

CITY OF BARRIE

ARCHITECT

58 GRAND AVE S, CAMBRIDGE, ON, N1S 0B7

fabrik ARCHITECTS

The contractor shall check and verify all dimensions and report any errors or omissions to the consultant before commencing or proceeding with any work. Drawings prepared and issued by consultant are the property of the consultant. These documents are not to be duplicated or copied without the consent of the Consultant. Do not scale this drawing.

copyright © 2020 FABRIK Architects Inc.

SHEET TITLE

PROPOSED FURNITURE PLAN

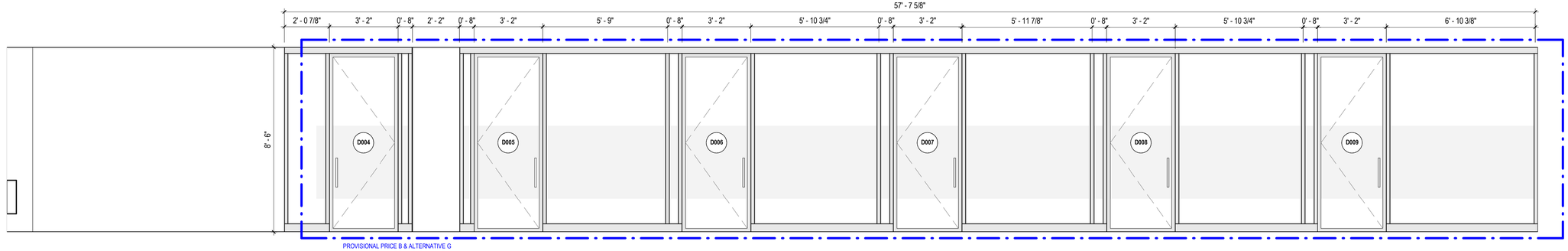
PROJECT No.	23013	SCALE	3/16" = 1'-0"
		DRAWN By:	K.C.
		CHECKED By:	L.K.

ONTARIO ASSOCIATION OF ARCHITECTS
ELISIA M. G. NEVES
LICENCE
8599

SHEET No.

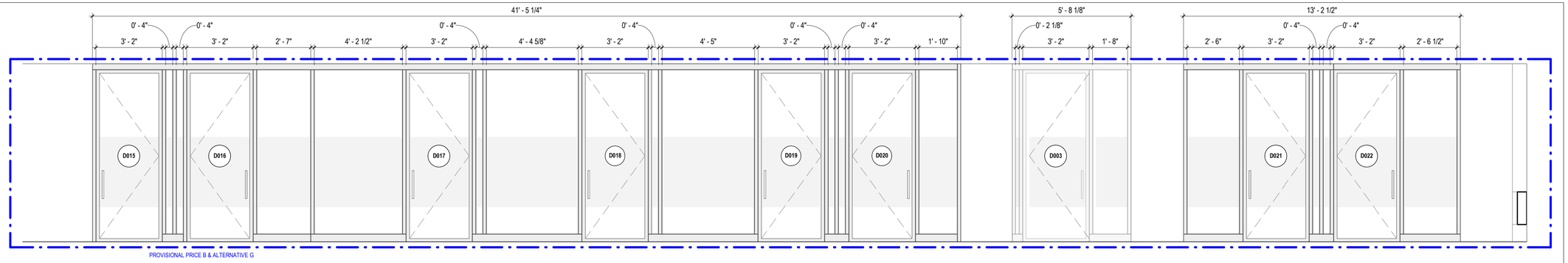
A113

2026-10-30 12:55:18 PM



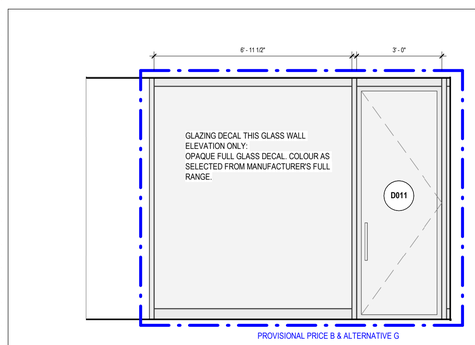
1 A400 MEETING / CONF. ROOM DEMOUNTABLE GLASS WALL ELEVATION

SCALE: 3/8" = 1'-0"



2 A400 PHONE ROOM DEMOUNTABLE GLASS WALL ELEVATION

SCALE: 3/8" = 1'-0"



3 A400 STORAGE ROOM R4-11 GLASS WALL ELEVATION

SCALE: 3/8" = 1'-0"

TRUE NORTH

PROJECT NORTH

KEY PLAN

	10	
	9	
	8	
	7	
2026.08.04	6	PERMIT
2026.05.13	5	TENDER
2026.05.12	4	CLIENT REVIEW SET 4
2026.05.05	3	CLIENT REVIEW SET 3
2026.04.29	2	CLIENT REVIEW SET 2
2026.04.09	1	CLIENT REVIEW SET
DATE		ISSUED

REVISION SCHEDULE

Date	No.	Description
2026.10.30	1	Addendum 10

PROJECT NAME

BARRIE CITY HALL - FOURTH FLOOR RENOVATION

CLIENT

CITY OF BARRIE

ARCHITECT

58 GRAND AVE S, CAMBRIDGE, ON, N1S 0B7

fabrik ARCHITECTS

The contractor shall check and verify all dimensions and report any errors or omissions to the consultant before commencing or proceeding with any work. Drawings prepared and issued by consultant are the property of the consultant. These documents are not to be duplicated or copied without the consent of the Consultant. Do not scale this drawing.

copyright © 2020 FABRIK Architects Inc.

SHEET TITLE

DEMOUNTABLE GLASS WALL ELEVATIONS

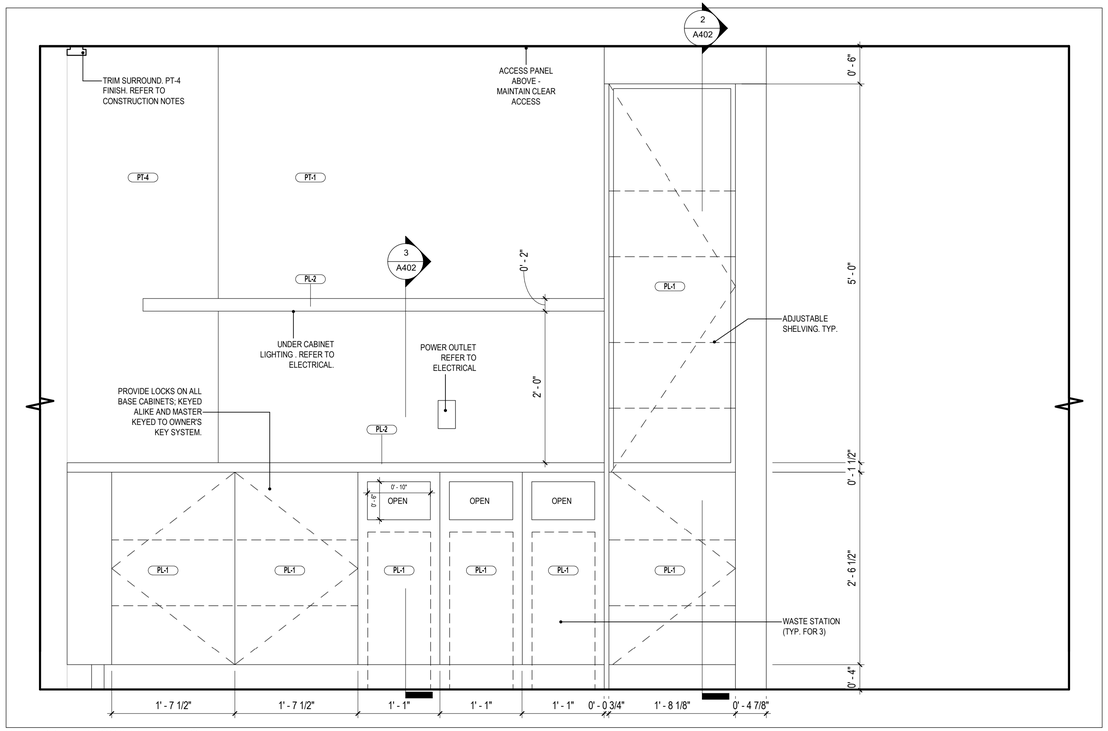
PROJECT No.	23013	SCALE	3/8" = 1'-0"
		DRAWN By:	K.C.
		CHECKED By:	L.K.

ONTARIO ASSOCIATION OF ARCHITECTS
ELISIA M. G. NEVES
LICENCE 8599

SHEET No.

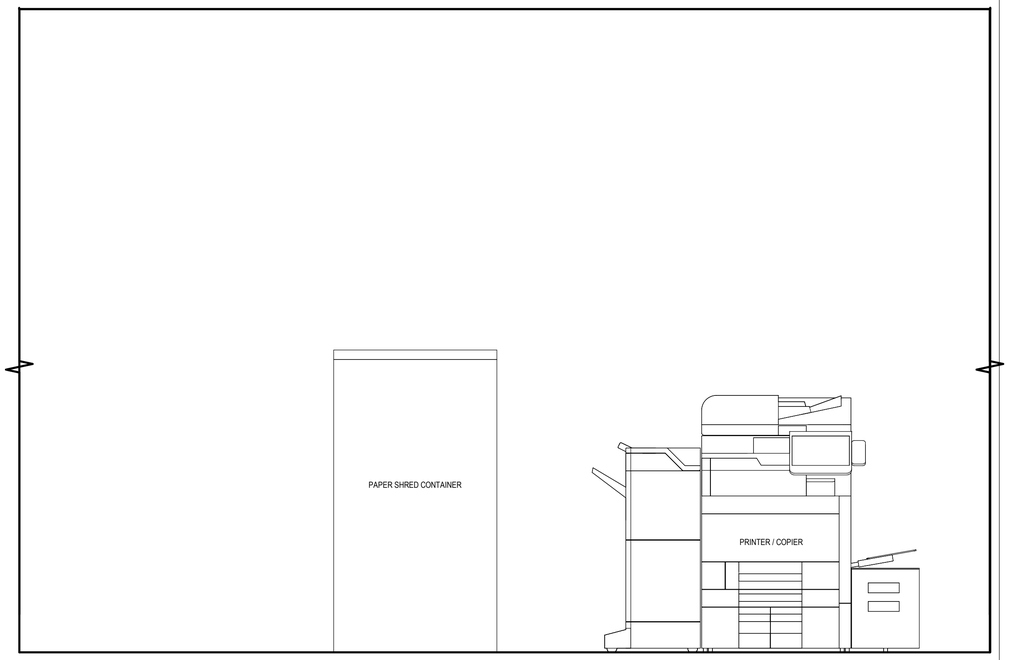
A400

2026-10-30 12:55:32 PM



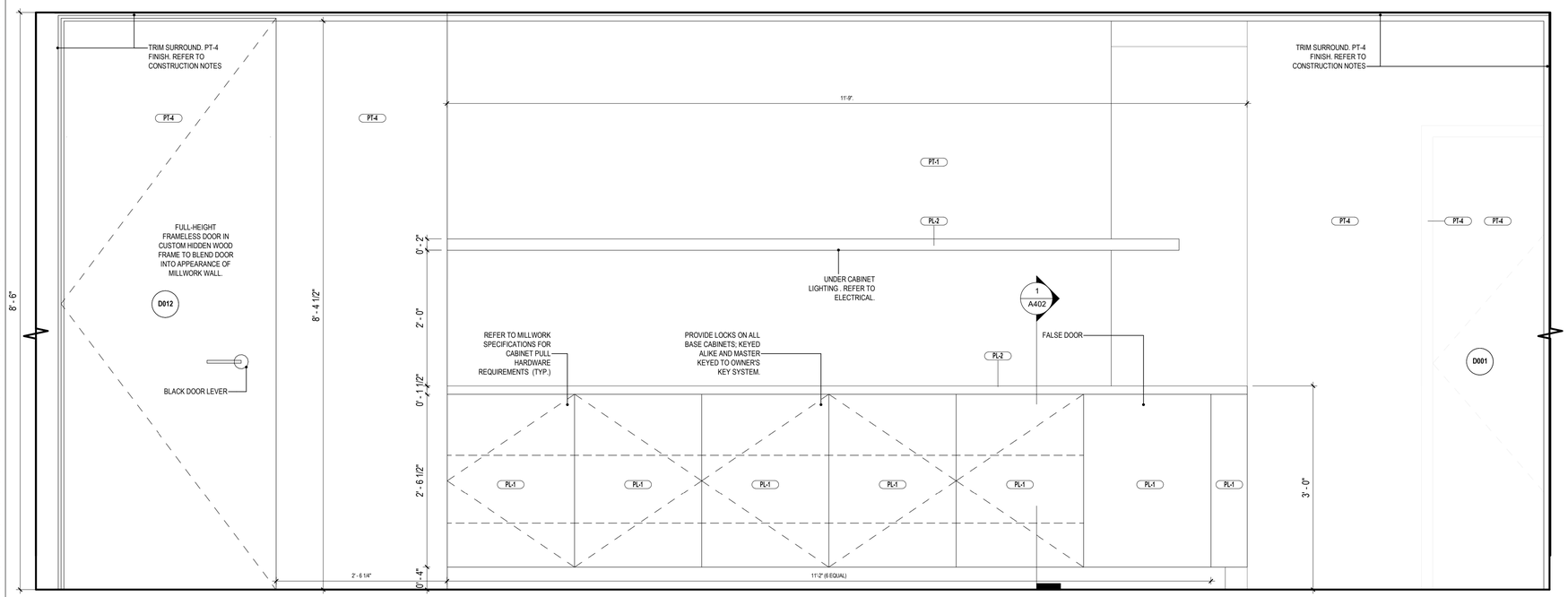
1 A401 PRINTER ROOM 14 ELEVATION 1

SCALE: 1" = 1'-0"



2 A401 PRINTER ROOM 14 ELEVATION 2

SCALE: 1" = 1'-0"



3 A401 PRINTER ROOM 14 ELEVATION 3

SCALE: 1" = 1'-0"

TRUE NORTH

PROJECT NORTH

KEY PLAN

	10	
	9	
	8	
	7	
2026.08.04	6	PERMIT
2026.05.13	5	TENDER
2026.05.12	4	CLIENT REVIEW SET 4
2026.05.05	3	CLIENT REVIEW SET 3
2026.04.29	2	CLIENT REVIEW SET 2
2026.04.09	1	CLIENT REVIEW SET
DATE		ISSUED

REVISION SCHEDULE

Date	No.	Description
2026.10.30	1	Addendum 10

PROJECT NAME

BARRIE CITY HALL - FOURTH FLOOR RENOVATION

CLIENT

CITY OF BARRIE

ARCHITECT

58 GRAND AVE S, CAMBRIDGE, ON, N1S 0B7

fabrik ARCHITECTS

The contractor shall check and verify all dimensions and report any errors or omissions to the consultant before commencing or proceeding with any work. Drawings prepared and issued by consultant are the property of the consultant. These documents are not to be duplicated or copied without the consent of the Consultant. Do not scale this drawing.

copyright © 2020 FABRIK Architects Inc.

SHEET TITLE

INTERIOR ELEVATIONS

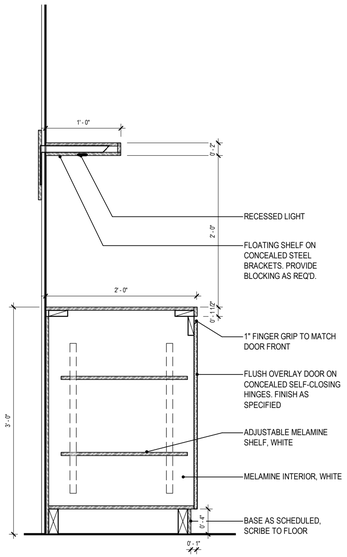
PROJECT No.	23013	SCALE	1" = 1'-0"
		DRAWN By:	K.C.
		CHECKED By:	L.K.

ONTARIO ASSOCIATION OF ARCHITECTS
ELISIA M. G. NEVES
LICENCE
8569

SHEET No.

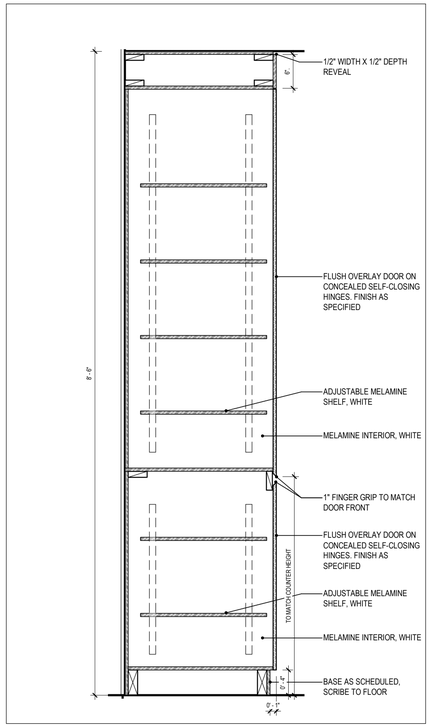
A401

2026-10-30 12:55:44 PM



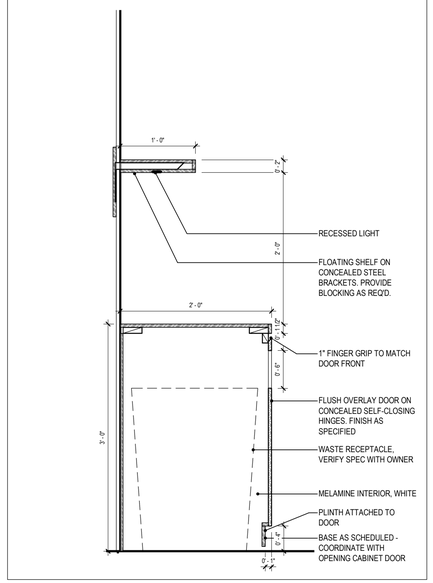
1 A402 PRINT AREA MILLWORK SECTION 1

SCALE: 1" = 1'-0"



2 A402 PRINT AREA MILLWORK SECTION 2

SCALE: 1" = 1'-0"



3 A402 PRINT AREA MILLWORK SECTION 3

SCALE: 1" = 1'-0"

1

TRUE NORTH

PROJECT NORTH

KEY PLAN

DATE		ISSUED
	10	
	9	
	8	
	7	
2026.08.04	6	PERMIT
2026.05.13	5	TENDER
2026.05.12	4	CLIENT REVIEW SET 4
2026.05.05	3	CLIENT REVIEW SET 3
2026.04.29	2	CLIENT REVIEW SET 2
2026.04.09	1	CLIENT REVIEW SET

REVISION SCHEDULE

Date	No.	Description
2026.10.30	1	Addendum 10

PROJECT NAME

BARRIE CITY HALL - FOURTH FLOOR RENOVATION

CLIENT

CITY OF BARRIE

ARCHITECT

58 GRAND AVE S, CAMBRIDGE, ON, N1S 0B7

fabrik ARCHITECTS

The contractor shall check and verify all dimensions and report any errors or omissions to the consultant before commencing or proceeding with any work. Drawings prepared and issued by consultant are the property of the consultant. These documents are not to be duplicated or copied without the consent of the Consultant. Do not scale this drawing.

copyright © 2020 FABRIK Architects Inc.

SHEET TITLE

MILLWORK DETAILS

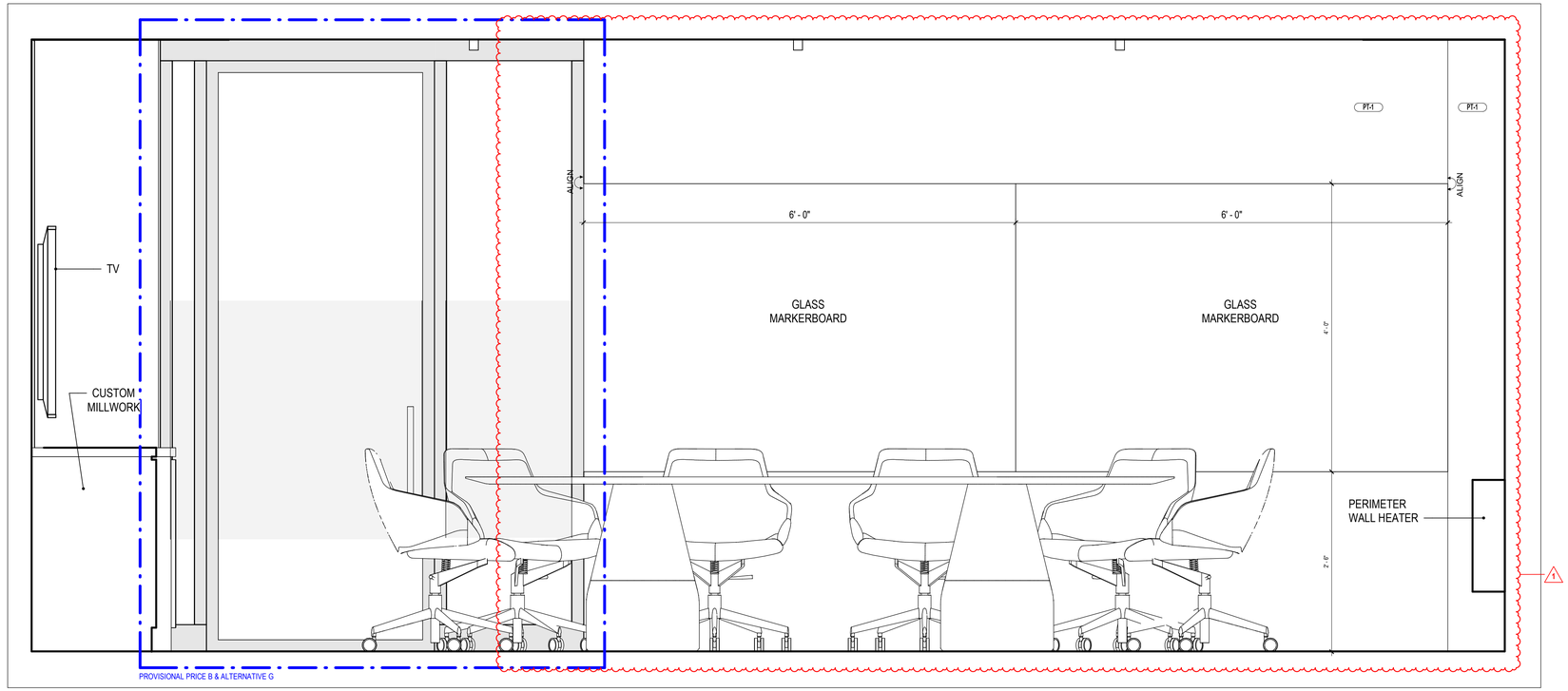
PROJECT No.	23013	SCALE	1" = 1'-0"
		DRAWN By:	K.C.
		CHECKED By:	L.K.

ONTARIO ASSOCIATION OF ARCHITECTS
ELISIA M. G. NEVES
LICENCE
8569

SHEET No.

A402

2026-10-30 12:55:52 PM

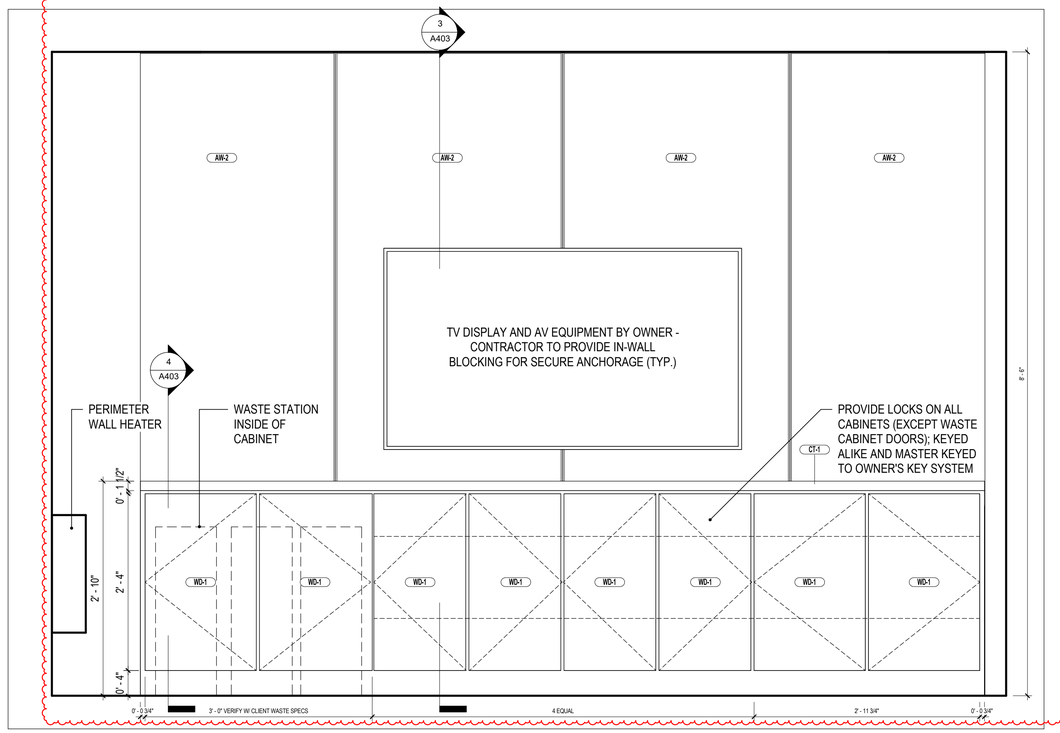


FINISHES LEGEND

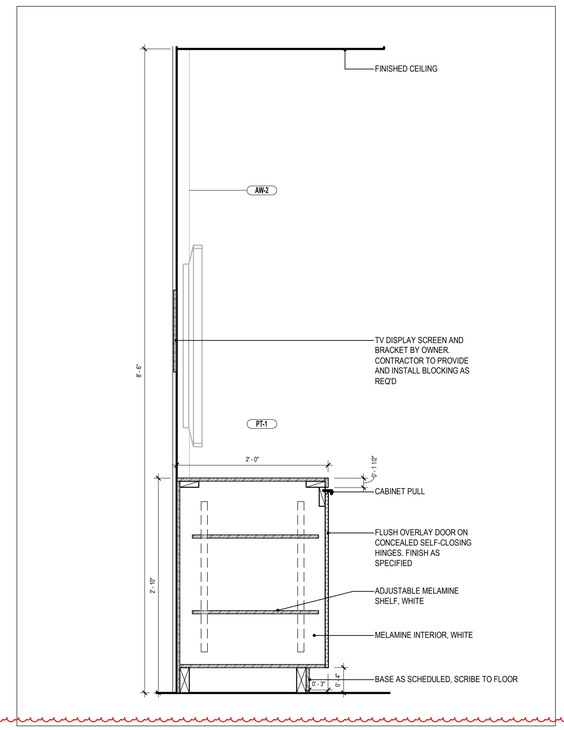
PT-1	FIELD COLOUR (ALL LOCATIONS UNLESS NOTED OTHERWISE) DULUX DIAMOND OR APPROVED EQUIVALENT; COLOUR AS SELECTED BY ARCH / OWNER; EGGSHELL FINISH	CT-1	COUNTER TOP FINISH
PT-2	ACCENT COLOR 1 - PHONE ROOMS DULUX DIAMOND OR APPROVED EQUIVALENT; COLOUR AS SELECTED EGGSHELL FINISH	WD-1	WOOD-LOOK PLASTIC LAMINATE
PT-3	ACCENT COLOR 2 - LIBRARY DULUX DIAMOND OR APPROVED EQUIVALENT; COLOUR AS SELECTED EGGSHELL FINISH	PL-1	PLASTIC LAMINATE
PT-4	ACCENT COLOR 3 - PRINT DULUX DIAMOND OR APPROVED EQUIVALENT; COLOUR AS SELECTED FLAT FINISH	PL-2	PLASTIC LAMINATE
PT-5	ACCENT COLOR 4 - BOOTHS DULUX DIAMOND OR APPROVED EQUIVALENT; COLOUR AS SELECTED EGGSHELL FINISH	ML-1	WHITE MELAMINE
RB-1	RUBBER WALL BASE COLOUR AS SELECTED BY ARCHITECT TO MATCH WALLS	AW-1	ACOUSTIC WALL TILE 1
CAR-1	CARPET TILE	AW-2	ACOUSTIC WALL TILE 2
CAR-2	CARPET TILE	AW-3	ACOUSTIC WALL TILE 3
CAR-3	CARPET TILE	AW-4	ACOUSTIC WALL TILE 4
LVT-1	LVT FLOORING	AW-5	ACOUSTIC WALL TILE 5
		UPH-1	UPHOLSTERY - SEAT AND BACK BOOTHS REFER TO MILLWORK SPECIFICATIONS
		UPH-2	UPHOLSTERY - SEAT AND BACK CAFE BANQUETTE REFER TO MILLWORK SPECIFICATIONS
		TL-1	WALL TILE
		TL-2	PLANTER WALL TILE
		TL-3	FLOOR AND WALL TILE
		TR-1	FLOORING TRANSITION

NOTES:
1. GENERAL CONTRACTOR TO ENSURE ADEQUATE BLOCKING IS PROVIDED IN WALLS WHERE REQUIRED TO SUPPORT WALL-HUNG ELEMENTS (TYP. FOR ALL MILLWORK, TVS, WHITEBOARDS, WASHROOM ACCESSORIES, ETC.). WHERE ADDITIONAL BLOCKING IS REQUIRED IN EXISTING WALLS, CONTRACTOR IS RESPONSIBLE FOR PATCHING WALL TO MAKE GOOD.
2. ALIGN ALL WALL TILE JOINTS WITH FLOOR TILE AND BASEBOARD TILE JOINTS WHEREVER POSSIBLE.
3. REFER TO BOOK SPECIFICATION SECTIONS FOR ADDITIONAL INFORMATION.
4. TBD - PRODUCT AND/OR COLOUR TO BE DETERMINED BY OWNER AND CONSULTANT.
5. ALL COLOURS TO BE REVIEWED AND APPROVED BY OWNER AT SHOP DRAWING STAGE.
6. WD DENOTES WOOD-GRAIN LAMINATE. PL DENOTES SOLID-COLOUR PLASTIC LAMINATE.
7. DOORS TO BE PAINTED TO MATCH ADJACENT WALL U.N.O. - SHEEN TO BE DETERMINED.
8. FLOOR FINISH CHANGES TO BE FLUSH BUTT JOINTS, CENTERED ON DOOR LEAF AT DOORWAYS. WHERE REQUIRED, PROVIDE TRANSITION STRIPS.
9. WD-1 AT HORIZONTAL SURFACES - CONFERENCE RF-04 AND LIBRARY R4-10 CREDENZA TOPS. GRAIN TO RUN WITH THE LONG DIMENSION. TOPS TO BE ONE PIECE, NO SEAMS. CUTOUTS FOR WASTE STATION AND GROMMETS TO HAVE RADIUSED CORNERS AND SEALED EDGES.

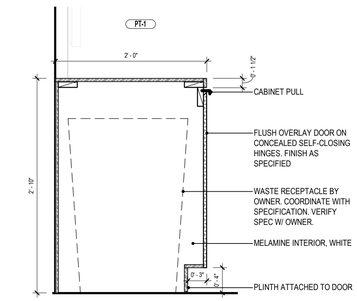
1 A403 CONFERENCE ROOM WHITEBOARD ELEVATION
SCALE: 1" = 1'-0"



2 A403 CONFERENCE ROOM MILLWORK ELEVATION
SCALE: 1" = 1'-0"



3 A403 Section 1
SCALE: 1" = 1'-0"



4 A403 Section 5
SCALE: 1" = 1'-0"

TRUE NORTH

PROJECT NORTH

KEY PLAN

	10	
	9	
	8	
	7	
2026.08.04	6	PERMIT
2026.05.13	5	TENDER
2026.05.12	4	CLIENT REVIEW SET 4
2026.05.05	3	CLIENT REVIEW SET 3
2026.04.29	2	CLIENT REVIEW SET 2
2026.04.09	1	CLIENT REVIEW SET
DATE		ISSUED

REVISION SCHEDULE

Date	No.	Description
2026.10.30	1	Addendum 10

PROJECT NAME
BARRIE CITY HALL - FOURTH FLOOR RENOVATION

CLIENT
CITY OF BARRIE

ARCHITECT
58 GRAND AVE S, CAMBRIDGE, ON, N1S 0B7
fabrik ARCHITECTS

The contractor shall check and verify all dimensions and report any errors or omissions to the consultant before commencing or proceeding with any work. Drawings prepared and issued by consultant are the property of the consultant. These documents are not to be duplicated or copied without the consent of the Consultant. Do not scale this drawing.

copyright © 2020 FABRIK Architects Inc.

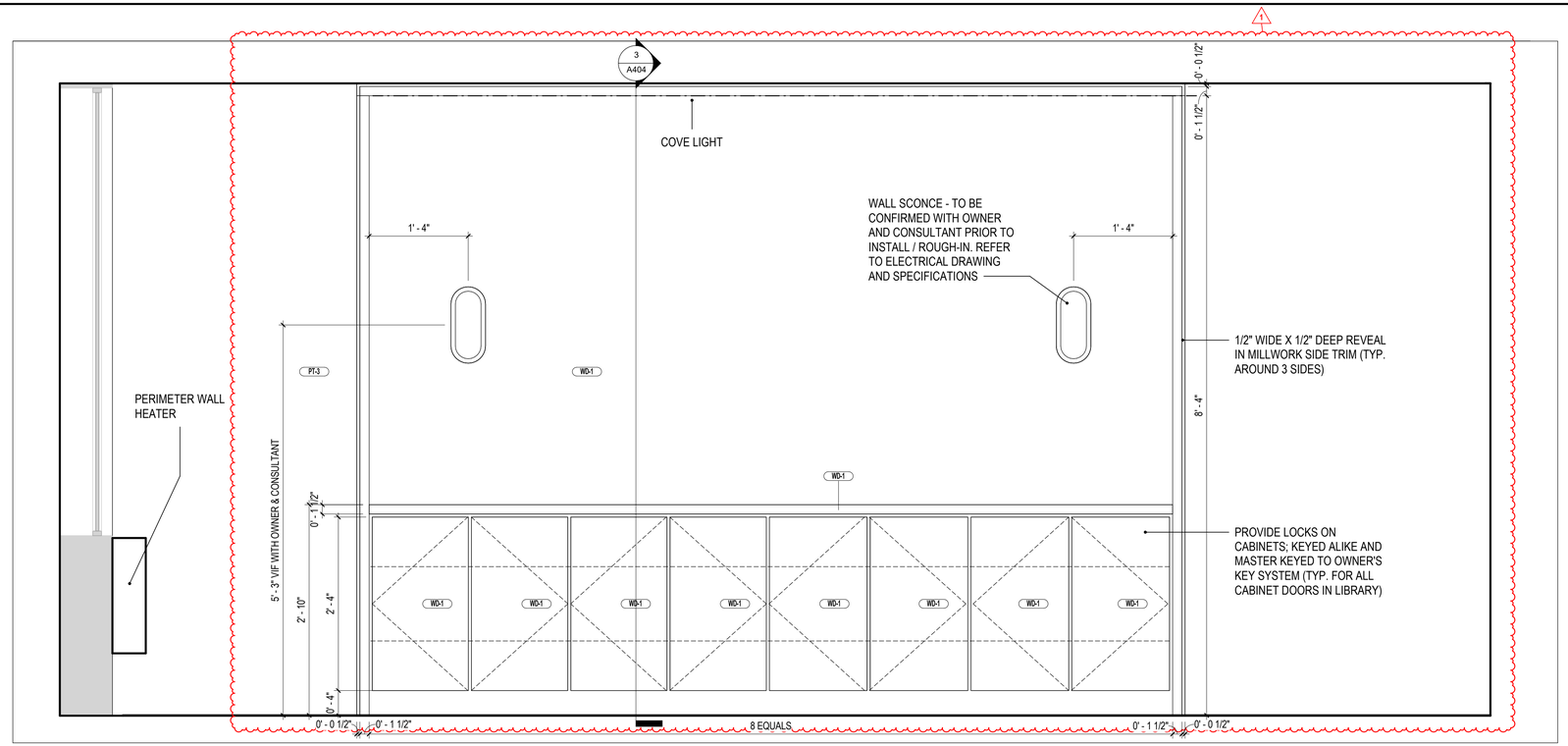
SHEET TITLE
INTERIOR ELEVATIONS

PROJECT No.	23013	SCALE	As indicated
		DRAWN By:	K.C.
		CHECKED By:	L.K.

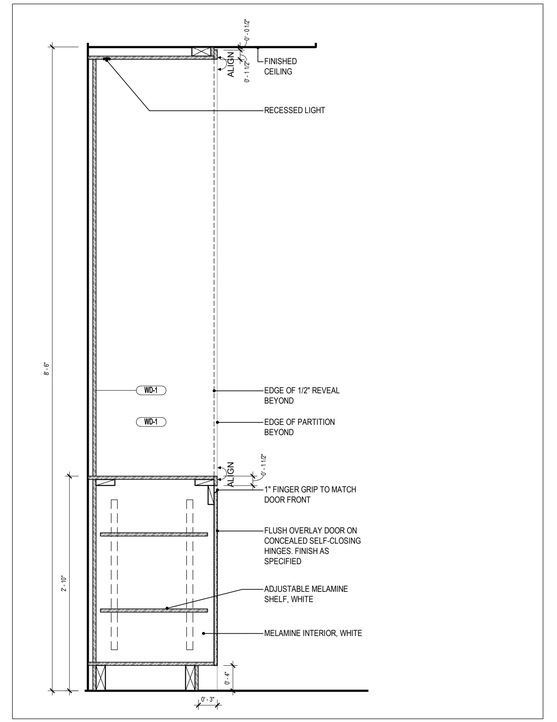
ONTARIO ASSOCIATION OF ARCHITECTS
ELISIA M. G. NEVES
LICENCE 8559

SHEET No.
A403

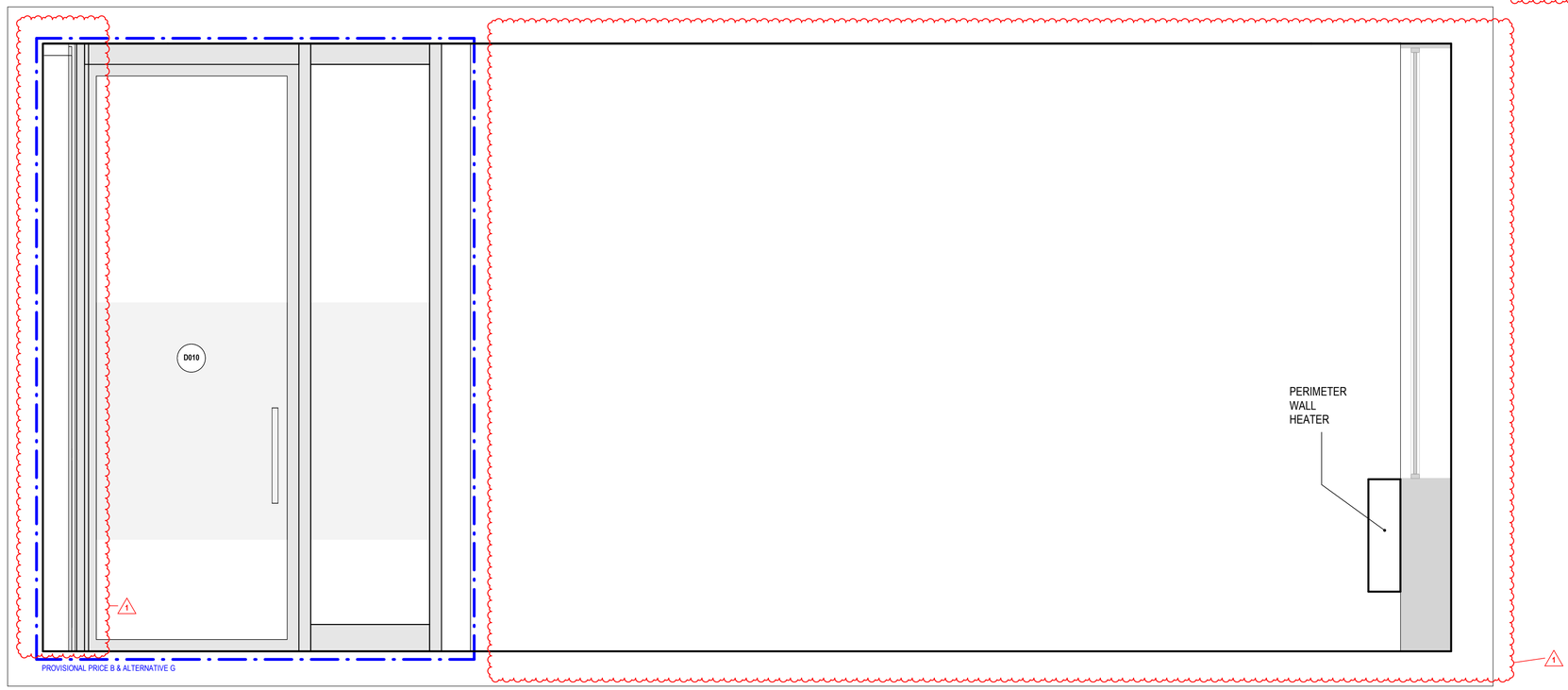
2026-10-30 12:56:42 PM



1 A404 LIBRARY ELEVATION 1
SCALE: 1" = 1'-0"



3 A404 LIBRARY MILLWORK SECTION
SCALE: 1" = 1'-0"



2 A404 LIBRARY ELEVATION 2
SCALE: 1" = 1'-0"

TRUE NORTH

PROJECT NORTH

KEY PLAN

DATE		ISSUED
	10	
	9	
	8	
	7	
2026.08.04	6	PERMIT
2026.05.13	5	TENDER
2026.05.12	4	CLIENT REVIEW SET 4
2026.05.05	3	CLIENT REVIEW SET 3
2026.04.29	2	CLIENT REVIEW SET 2
2026.04.09	1	CLIENT REVIEW SET

REVISION SCHEDULE

Date	No.	Description
2026.10.30	1	Addendum 10

PROJECT NAME
BARRIE CITY HALL - FOURTH FLOOR RENOVATION

CLIENT
CITY OF BARRIE

ARCHITECT

58 GRAND AVE S, CAMBRIDGE, ON, N1S 0B7

fabrik ARCHITECTS

The contractor shall check and verify all dimensions and report any errors or omissions to the consultant before commencing or proceeding with any work. Drawings prepared and issued by consultant are the property of the consultant. These documents are not to be duplicated or copied without the consent of the Consultant. Do not scale this drawing.

copyright © 2020 FABRIK Architects Inc.

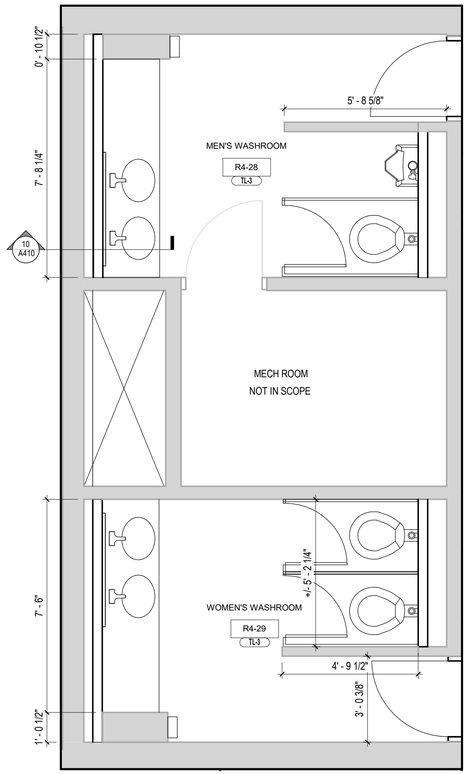
SHEET TITLE
INTERIOR ELEVATIONS

PROJECT No.	23013	SCALE	1" = 1'-0"
		DRAWN By:	K.C.
		CHECKED By:	L.K.

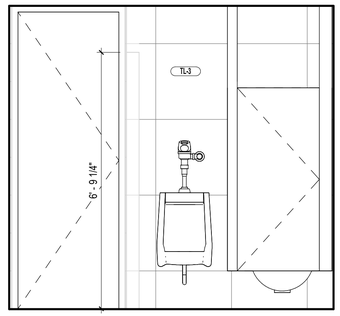
ONTARIO ASSOCIATION OF ARCHITECTS
ELISHA M. G. NEVES
LICENCE
8569

SHEET No.
A404

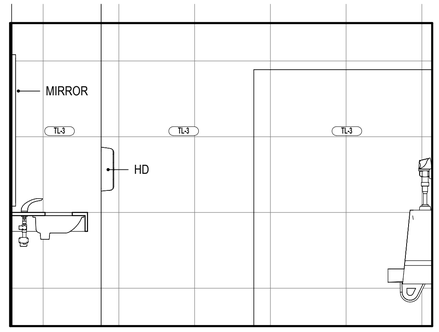
2026-10-30 12:56:48 PM



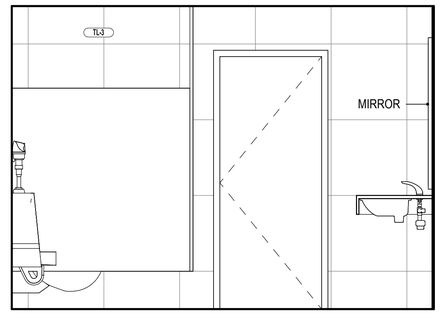
1 A410 WASHROOM DETAIL PLAN
SCALE: 3/8" = 1'-0"



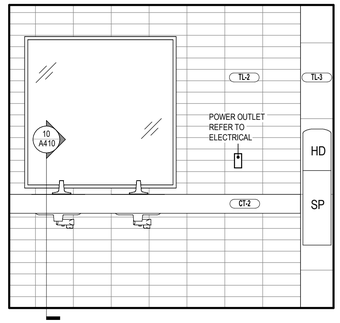
2 A410 MEN'S WASHROOM ELEVATION 1
SCALE: 1/2" = 1'-0"



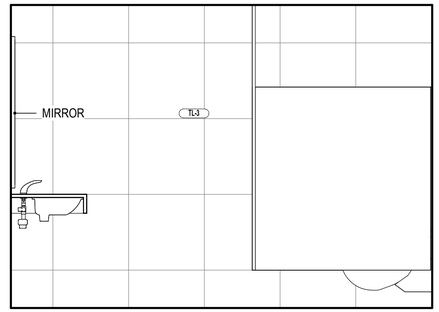
3 A410 MEN'S WASHROOM ELEVATION 2
SCALE: 1/2" = 1'-0"



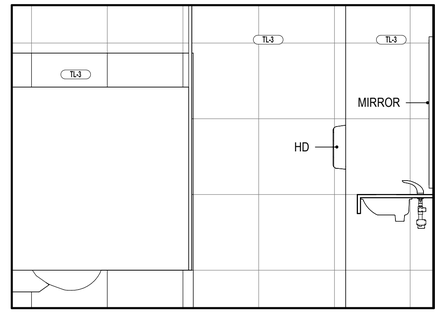
4 A410 MEN'S WASHROOM ELEVATION 3
SCALE: 1/2" = 1'-0"



5 A410 MEN'S WASHROOM ELEVATION 4
SCALE: 1/2" = 1'-0"



6 A410 WOMEN'S WASHROOM ELEVATION 1
SCALE: 1/2" = 1'-0"

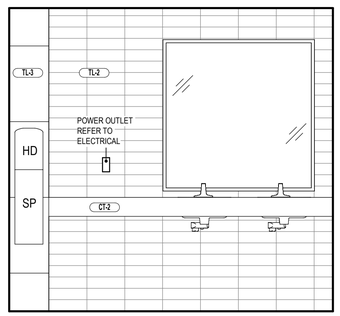


7 A410 WOMEN'S WASHROOM ELEVATION 3
SCALE: 1/2" = 1'-0"

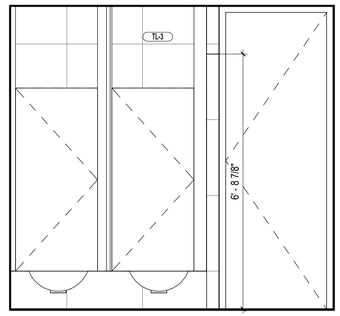
FINISHES LEGEND

PT-1	FIELD COLOUR (ALL LOCATIONS UNLESS NOTED OTHERWISE) DULUX DIAMOND OR APPROVED EQUIVALENT; COLOUR AS SELECTED BY ARCH / OWNER; EGGSHELL FINISH	CT-1	COUNTER TOP FINISH
PT-2	ACCENT COLOR 1 - PHONE ROOMS DULUX DIAMOND OR APPROVED EQUIVALENT; COLOUR AS SELECTED EGGSHELL FINISH	WD-1	WOOD-LOOK PLASTIC LAMINATE
PT-3	ACCENT COLOR 2 - LIBRARY DULUX DIAMOND OR APPROVED EQUIVALENT; COLOUR AS SELECTED EGGSHELL FINISH	PL-1	PLASTIC LAMINATE
PT-4	ACCENT COLOR 3 - PRINT DULUX DIAMOND OR APPROVED EQUIVALENT; COLOUR AS SELECTED FLAT FINISH	PL-2	PLASTIC LAMINATE
PT-5	ACCENT COLOR 4 - BOOTHS DULUX DIAMOND OR APPROVED EQUIVALENT; COLOUR AS SELECTED EGGSHELL FINISH	ML-1	WHITE MELAMINE
RB-1	RUBBER WALL BASE COLOUR AS SELECTED BY ARCHITECT TO MATCH WALLS	AW-1	ACOUSTIC WALL TILE 1
CAR-1	CARPET TILE	AW-2	ACOUSTIC WALL TILE 2
CAR-2	CARPET TILE	AW-3	ACOUSTIC WALL TILE 3
CAR-3	CARPET TILE	AW-4	ACOUSTIC WALL TILE 4
LVT-1	LVT FLOORING	AW-5	ACOUSTIC WALL TILE 5
		UPH-1	UPHOLSTERY - SEAT AND BACK BOOTHS REFER TO MILLWORK SPECIFICATIONS
		UPH-2	UPHOLSTERY - SEAT AND BACK CAFE BANQUETTE REFER TO MILLWORK SPECIFICATIONS
		TL-1	WALL TILE
		TL-2	PLANTER WALL TILE
		TL-3	FLOOR AND WALL TILE
		TR-1	FLOORING TRANSITION

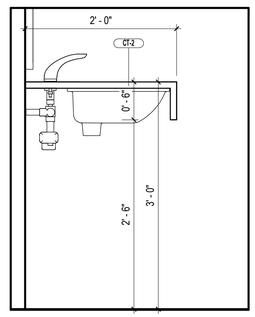
NOTES:
1. GENERAL CONTRACTOR TO ENSURE ADEQUATE BLOCKING IS PROVIDED IN WALLS WHERE REQUIRED TO SUPPORT WALL-HUNG ELEMENTS (TYP. FOR ALL MILLWORK, TVS, WHITEBOARDS, WASHROOM ACCESSORIES, ETC.). WHERE ADDITIONAL BLOCKING IS REQUIRED IN EXISTING WALLS, CONTRACTOR IS RESPONSIBLE FOR PATCHING WALL TO MAKE GOOD.
2. ALIGN ALL WALL TILE JOINTS WITH FLOOR TILE AND BASEBOARD TILE JOINTS WHEREVER POSSIBLE.
3. REFER TO BOOK SPECIFICATION SECTIONS FOR ADDITIONAL INFORMATION.
4. TBD - PRODUCT AND/OR COLOUR TO BE DETERMINED BY OWNER AND CONSULTANT.
5. ALL COLOURS TO BE REVIEWED AND APPROVED BY OWNER AT SHOP DRAWING STAGE.
6. WD DENOTES WOOD-GRAIN LAMINATE. PL DENOTES SOLID-COLOUR PLASTIC LAMINATE.
7. DOORS TO BE PAINTED TO MATCH ADJACENT WALL U.N.O. - SHEEN TO BE DETERMINED.
8. FLOOR FINISH CHANGES TO BE FLUSH BUTT JOINTS, CENTERED ON DOOR LEAF AT DOORWAYS. WHERE REQUIRED, PROVIDE TRANSITION STRIPS.
9. WD-1 AT HORIZONTAL SURFACES - CONFERENCE RF-04 AND LIBRARY R4-10 CREDENZA TOPS. GRAIN TO RUN WITH THE LONG DIMENSION. TOPS TO BE ONE PIECE, NO SEAMS. CUTOUTS FOR WASTE STATION AND GROMMETS TO HAVE RADIUSED CORNERS AND SEALED EDGES.



8 A410 WOMEN'S WASHROOM ELEVATION 4
SCALE: 1/2" = 1'-0"



9 A410 WOMEN'S WASHROOM ELEVATION 2
SCALE: 1/2" = 1'-0"



10 A410 WASHROOM COUNTER SECTION
SCALE: 1" = 1'-0"

KEY PLAN

	10	
	9	
	8	
	7	
2026.08.04	6	PERMIT
2026.05.13	5	TENDER
2026.05.12	4	CLIENT REVIEW SET 4
2026.05.05	3	CLIENT REVIEW SET 3
2026.04.29	2	CLIENT REVIEW SET 2
2026.04.09	1	CLIENT REVIEW SET
DATE		ISSUED

REVISION SCHEDULE

Date	No.	Description
2026.10.30	1	Addendum 10

PROJECT NAME
BARRIE CITY HALL - FOURTH FLOOR RENOVATION

CLIENT
CITY OF BARRIE

ARCHITECT
58 GRAND AVE S, CAMBRIDGE, ON, N1S 0B7
fabrik ARCHITECTS

The contractor shall check and verify all dimensions and report any errors or omissions to the consultant before commencing or proceeding with any work. Drawings prepared and issued by consultant are the property of the consultant. These documents are not to be duplicated or copied without the consent of the Consultant. Do not scale this drawing.

copyright © 2020 FABRIK Architects Inc.

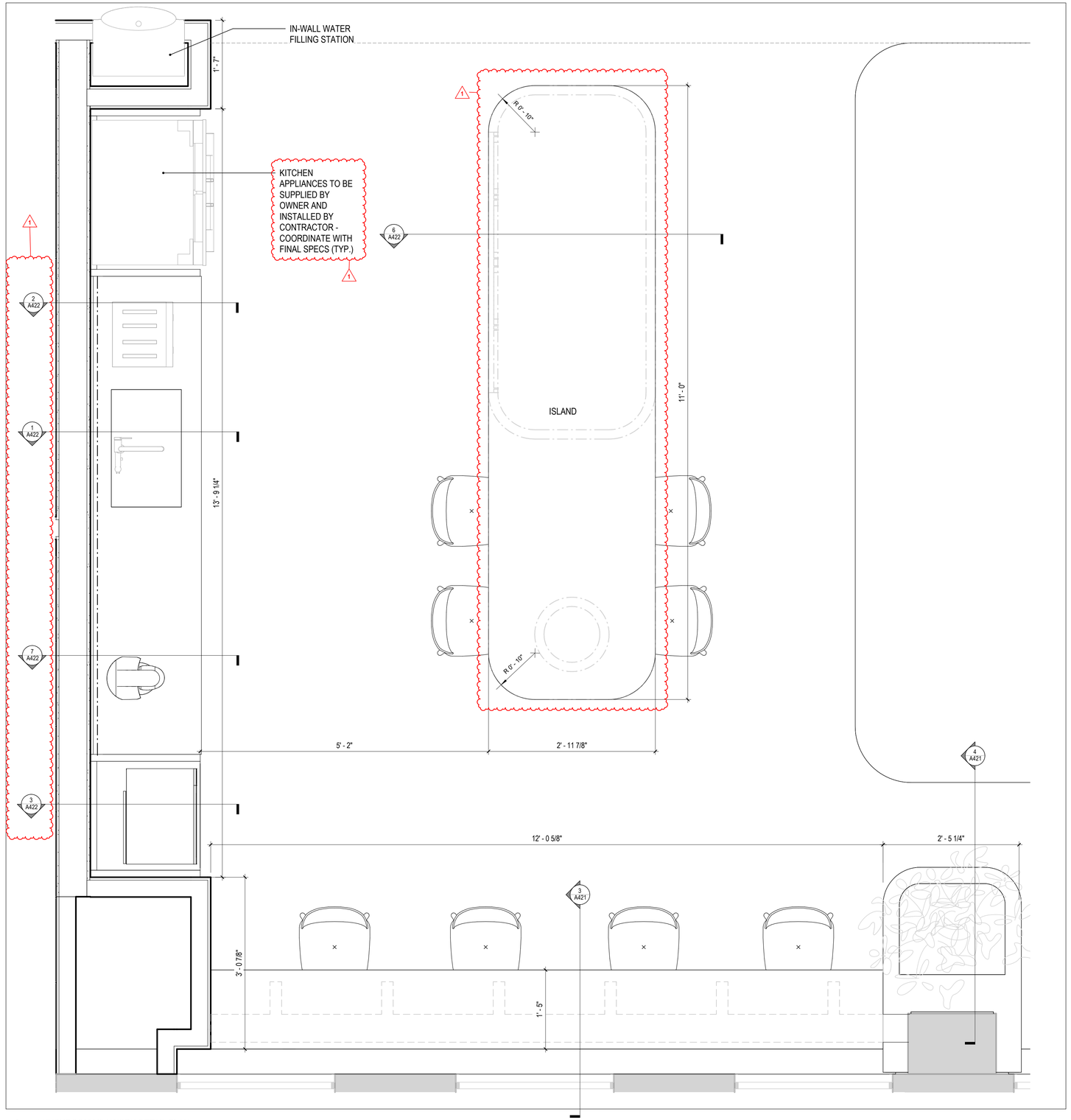
SHEET TITLE
WASHROOM PLAN & INTERIOR ELEVATIONS

PROJECT No.	23013	SCALE	As indicated
		DRAWN By:	K.C.
		CHECKED By:	L.K.

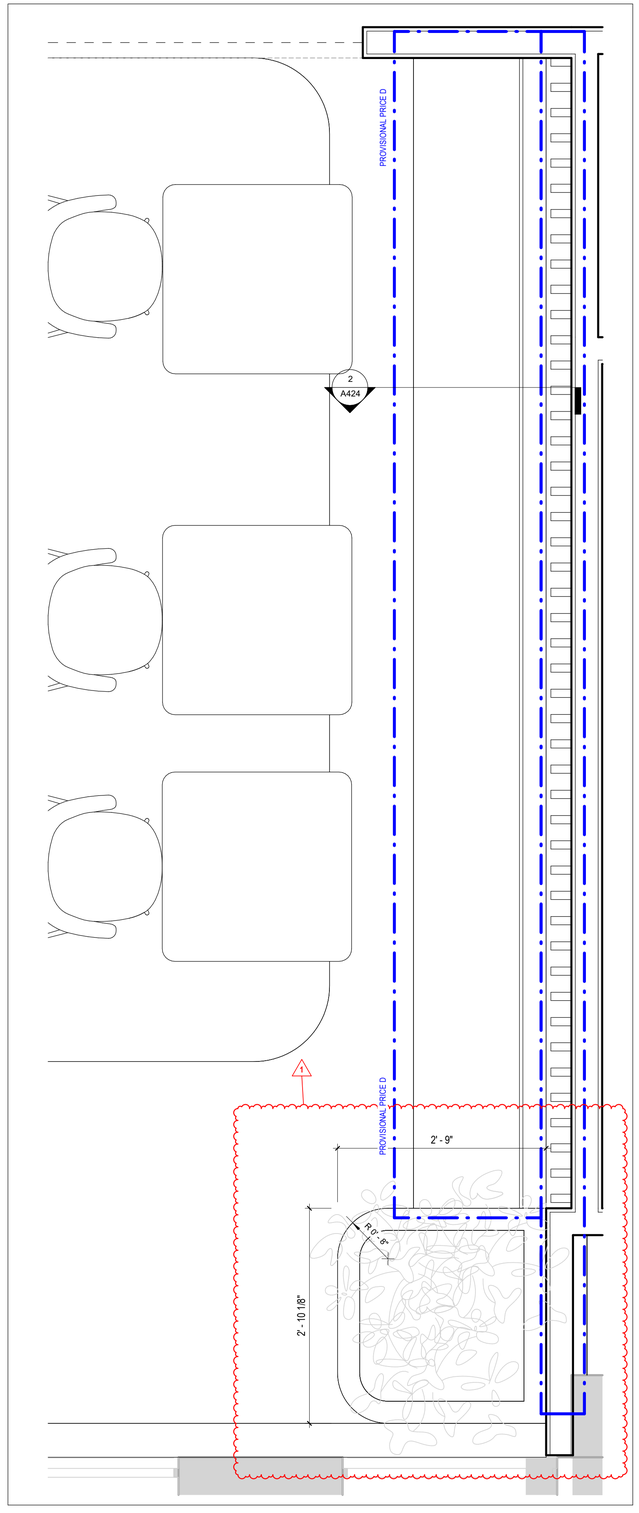
ONTARIO ASSOCIATION OF ARCHITECTS
ELISIA M. G. NEVES
LICENCE
8599

SHEET No.
A410

2026-10-30 12:56:52 PM



1 A420 LUNCHROOM MILLWORK DETAIL PLAN
SCALE: 1" = 1'-0"



2 A420 LUNCHROOM BOOTH MILLWORK DETAIL PLAN
SCALE: 1" = 1'-0"

TRUE NORTH

PROJECT NORTH

KEY PLAN

DATE	ISSUED
	10
	9
	8
	7
2026.08.04	6 PERMIT
2026.05.13	5 TENDER
2026.05.12	4 CLIENT REVIEW SET 4
2026.05.05	3 CLIENT REVIEW SET 3
2026.04.29	2 CLIENT REVIEW SET 2
2026.04.09	1 CLIENT REVIEW SET

REVISION SCHEDULE

Date	No.	Description
2026.10.30	1	Addendum 10

PROJECT NAME
BARRIE CITY HALL - FOURTH FLOOR RENOVATION

CLIENT
CITY OF BARRIE

ARCHITECT

58 GRAND AVE S, CAMBRIDGE, ON, N1S 0B7

fabrik ARCHITECTS

The contractor shall check and verify all dimensions and report any errors or omissions to the consultant before commencing or proceeding with any work. Drawings prepared and issued by consultant are the property of the consultant. These documents are not to be duplicated or copied without the consent of the Consultant. Do not scale this drawing.

copyright © 2020 FABRIK Architects Inc.

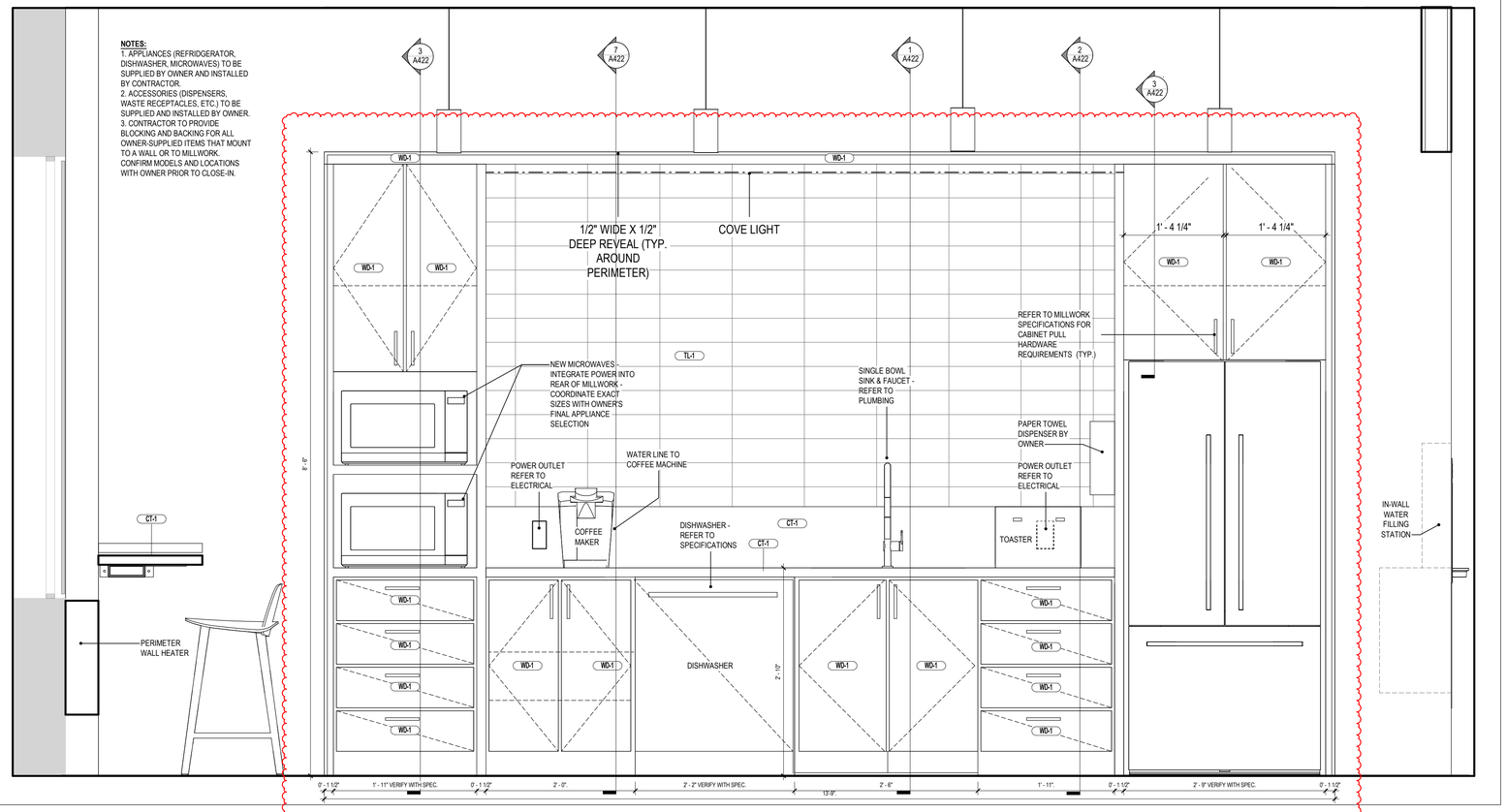
SHEET TITLE
LUNCHROOM MILLWORK DETAIL PLANS

PROJECT No.	23013	SCALE	1" = 1'-0"
		DRAWN By:	K.C.
		CHECKED By:	L.K.

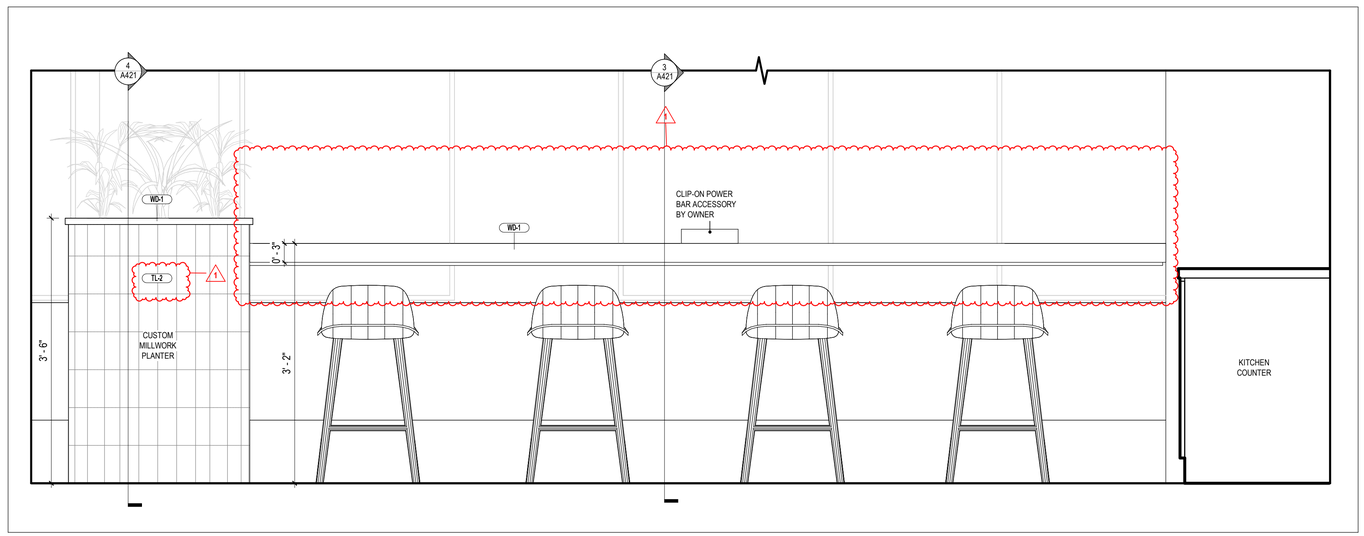
ONTARIO ASSOCIATION OF ARCHITECTS
ELISIA M. G. NEVES
LICENCE
8599

SHEET No.
A420

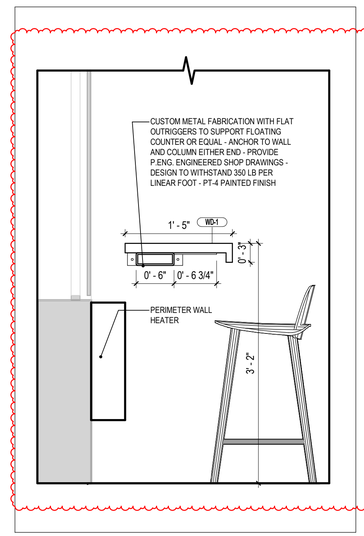
2026-10-30 12:56:54 PM



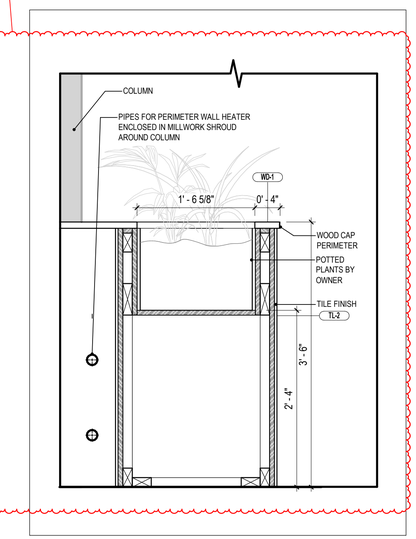
1 A421 LUNCHROOM MILLWORK ELEVATION
SCALE: 1" = 1'-0"



2 A421 LUNCHROOM BARTOP MILLWORK ELEVATION
SCALE: 1" = 1'-0"



3 A421 LUNCHROOM BARTOP MILLWORK SECTION
SCALE: 1" = 1'-0"



4 A421 MILLWORK PLANTER SECTION
SCALE: 1" = 1'-0"

FINISHES LEGEND

PT-1	FIELD COLOUR (ALL LOCATIONS UNLESS NOTED OTHERWISE) DULUX DIAMOND OR APPROVED EQUIVALENT; COLOUR AS SELECTED BY ARCH / OWNER; EGGSHELL FINISH	CT-1	COUNTER TOP FINISH
PT-2	ACCENT COLOR 1 - PHONE ROOMS DULUX DIAMOND OR APPROVED EQUIVALENT; COLOUR AS SELECTED EGGSHELL FINISH	WD-1	WOOD-LOOK PLASTIC LAMINATE
PT-3	ACCENT COLOR 2 - LIBRARY DULUX DIAMOND OR APPROVED EQUIVALENT; COLOUR AS SELECTED EGGSHELL FINISH	PL-1	PLASTIC LAMINATE
PT-4	ACCENT COLOR 3 - PRINT DULUX DIAMOND OR APPROVED EQUIVALENT; COLOUR AS SELECTED FLAT FINISH	PL-2	PLASTIC LAMINATE
PT-5	ACCENT COLOR 4 - BOOTHS DULUX DIAMOND OR APPROVED EQUIVALENT; COLOUR AS SELECTED EGGSHELL FINISH	ML-1	WHITE MELAMINE
RB-1	RUBBER WALL BASE COLOUR AS SELECTED BY ARCHITECT TO MATCH WALLS	AW-1	ACOUSTIC WALL TILE 1
CAR-1	CARPET TILE	AW-2	ACOUSTIC WALL TILE 2
CAR-2	CARPET TILE	AW-3	ACOUSTIC WALL TILE 3
CAR-3	CARPET TILE	AW-4	ACOUSTIC WALL TILE 4
LVT-1	LVT FLOORING	AW-5	ACOUSTIC WALL TILE 5
		UPH-1	UPHOLSTERY - SEAT AND BACK BOOTHS REFER TO MILLWORK SPECIFICATIONS
		UPH-2	UPHOLSTERY - SEAT AND BACK CAFE BANQUETTE REFER TO MILLWORK SPECIFICATIONS
		TL-1	WALL TILE
		TL-2	PLANTER WALL TILE
		TL-3	FLOOR AND WALL TILE
		TR-1	FLOORING TRANSITION

NOTES:
1. GENERAL CONTRACTOR TO ENSURE ADEQUATE BLOCKING IS PROVIDED IN WALLS WHERE REQUIRED TO SUPPORT WALL-HUNG ELEMENTS (TYP. FOR ALL MILLWORK, TVS, WHITEBOARDS, WASHROOM ACCESSORIES, ETC.). WHERE ADDITIONAL BLOCKING IS REQUIRED IN EXISTING WALLS, CONTRACTOR IS RESPONSIBLE FOR PATCHING WALL TO MAKE GOOD.
2. ALIGN ALL WALL TILE JOINTS WITH FLOOR TILE AND BASEBOARD TILE JOINTS WHEREVER POSSIBLE.
3. REFER TO BOOK SPECIFICATION SECTIONS FOR ADDITIONAL INFORMATION.
4. TBD - PRODUCT AND/OR COLOUR TO BE DETERMINED BY OWNER AND CONSULTANT.
5. ALL COLOURS TO BE REVIEWED AND APPROVED BY OWNER AT SHOP DRAWING STAGE.
6. WD DENOTES WOOD-GRAIN LAMINATE. PL DENOTES SOLID-COLOUR PLASTIC LAMINATE.
7. DOORS TO BE PAINTED TO MATCH ADJACENT WALL U.N.O. - SHEEN TO BE DETERMINED.
8. FLOOR FINISH CHANGES TO BE FLUSH BUTT JOINTS, CENTERED ON DOOR LEAF AT DOORWAYS. WHERE REQUIRED, PROVIDE TRANSITION STRIPS.
9. WD-1 AT HORIZONTAL SURFACES - CONFERENCE RF-04 AND LIBRARY R4-10 CREDENZA TOPS. GRAIN TO RUN WITH THE LONG DIMENSION. TOPS TO BE ONE PIECE, NO SEAMS. CUTOUTS FOR WASTE STATION AND GROMMETS TO HAVE RADIUSED CORNERS AND SEALED EDGES.

KEY PLAN

	10	
	9	
	8	
	7	
2026.08.04	6	PERMIT
2026.05.13	5	TENDER
2026.05.12	4	CLIENT REVIEW SET 4
2026.05.05	3	CLIENT REVIEW SET 3
2026.04.29	2	CLIENT REVIEW SET 2
2026.04.09	1	CLIENT REVIEW SET
DATE		ISSUED

REVISION SCHEDULE

Date	No.	Description
2026.10.30	1	Addendum 10

PROJECT NAME
BARRIE CITY HALL - FOURTH FLOOR RENOVATION

CLIENT
CITY OF BARRIE

ARCHITECT

58 GRAND AVE S, CAMBRIDGE, ON, N1S 0B7
fabrik ARCHITECTS

The contractor shall check and verify all dimensions and report any errors or omissions to the consultant before commencing or proceeding with any work. Drawings prepared and issued by consultant are the property of the consultant. These documents are not to be duplicated or copied without the consent of the Consultant. Do not scale this drawing.

copyright © 2020 FABRIK Architects Inc.

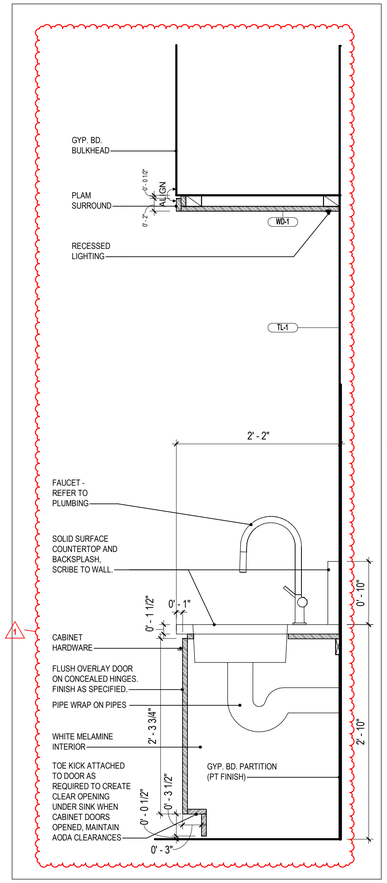
SHEET TITLE
LUNCHROOM MILLWORK ELEVATIONS

PROJECT No.	23013	SCALE	As indicated
		DRAWN By:	K.C.
		CHECKED By:	L.K.

ONTARIO ASSOCIATION OF ARCHITECTS
Elisia M. G. Nevens
ELISIA M. G. NEVENS
LICENCE
8559

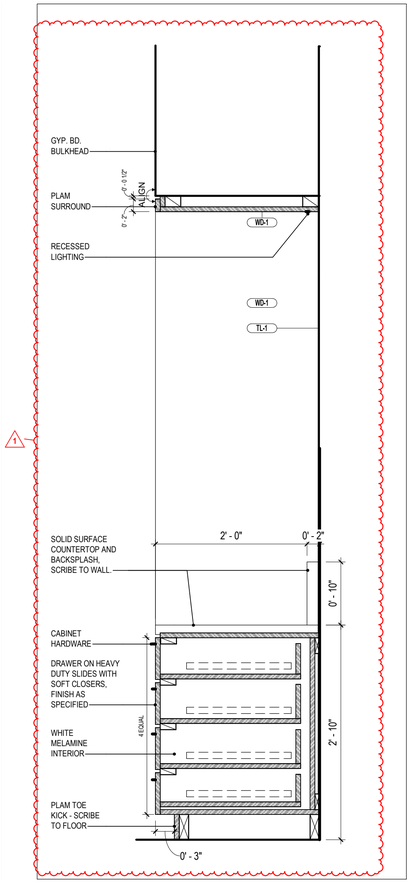
SHEET No.
A421

2026-10-30 12:56:57 PM



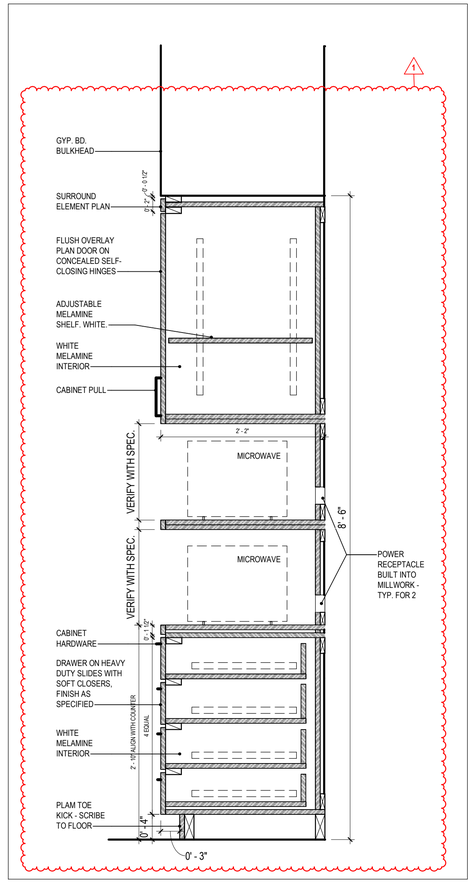
1 A422 LUNCHROOM MILLWORK SECTION - SINK

SCALE: 1" = 1'-0"



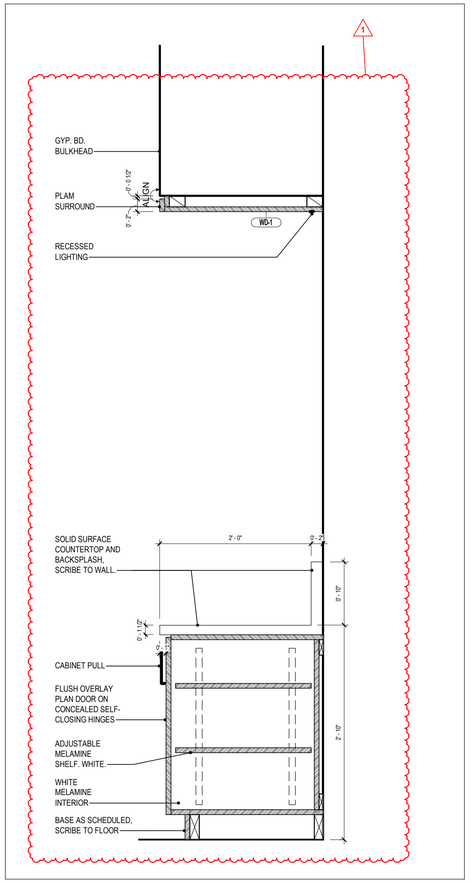
2 A422 LUNCHROOM MILLWORK SECTION

SCALE: 1" = 1'-0"



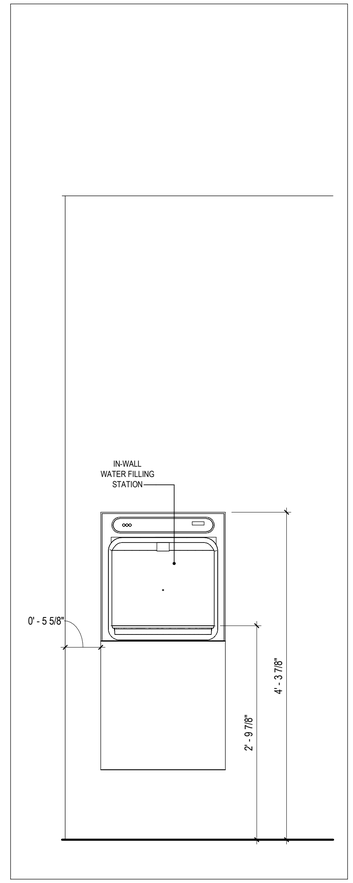
3 A422 LUNCHROOM MILLWORK SECTION - MICROWAVE

SCALE: 1" = 1'-0"



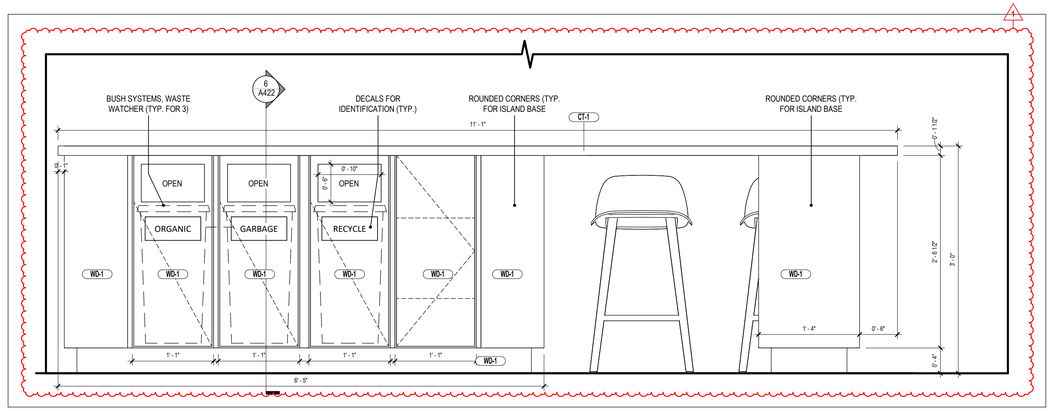
7 A422 LUNCHROOM MILLWORK SECTION - SINK1

SCALE: 1" = 1'-0"



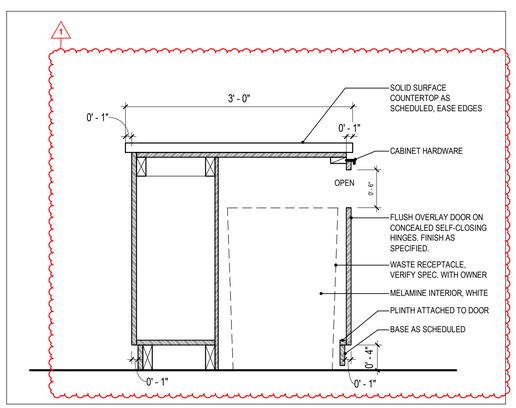
4 A422 IN-WALL WATER FILLING STATION ELEVATION

SCALE: 1" = 1'-0"



5 A422 LUNCHROOM ISLAND MILLWORK ELEVATION

SCALE: 1" = 1'-0"



6 A422 LUNCHROOM ISLAND MILLWORK SECTION

SCALE: 1" = 1'-0"

FINISHES LEGEND

PT-1	FIELD COLOUR (ALL LOCATIONS UNLESS NOTED OTHERWISE) DULUX DIAMOND OR APPROVED EQUIVALENT; COLOUR AS SELECTED BY ARCH / OWNER; EGGSHELL FINISH	CT-1	COUNTER TOP FINISH
PT-2	ACCENT COLOR 1 - PHONE ROOMS DULUX DIAMOND OR APPROVED EQUIVALENT; COLOUR AS SELECTED EGGSHELL FINISH	WD-1	WOOD-LOOK PLASTIC LAMINATE
PT-3	ACCENT COLOR 2 - LIBRARY DULUX DIAMOND OR APPROVED EQUIVALENT; COLOUR AS SELECTED EGGSHELL FINISH	PL-1	PLASTIC LAMINATE
PT-4	ACCENT COLOR 3 - PRINT DULUX DIAMOND OR APPROVED EQUIVALENT; COLOUR AS SELECTED FLAT FINISH	PL-2	PLASTIC LAMINATE
PT-5	ACCENT COLOR 4 - BOOTHS DULUX DIAMOND OR APPROVED EQUIVALENT; COLOUR AS SELECTED EGGSHELL FINISH	ML-1	WHITE MELAMINE
RB-1	RUBBER WALL BASE COLOUR AS SELECTED BY ARCHITECT TO MATCH WALLS	AW-1	ACOUSTIC WALL TILE 1
CAR-1	CARPET TILE	AW-2	ACOUSTIC WALL TILE 2
CAR-2	CARPET TILE	AW-3	ACOUSTIC WALL TILE 3
CAR-3	CARPET TILE	AW-4	ACOUSTIC WALL TILE 4
LVT-1	LVT FLOORING	AW-5	ACOUSTIC WALL TILE 5
		UPH-1	UPHOLSTERY - SEAT AND BACK BOOTHS REFER TO MILLWORK SPECIFICATIONS
		UPH-2	UPHOLSTERY - SEAT AND BACK CAFE BANQUETTE REFER TO MILLWORK SPECIFICATIONS
		TL-1	WALL TILE
		TL-2	PLANTER WALL TILE
		TL-3	FLOOR AND WALL TILE
		TR-1	FLOORING TRANSITION

NOTES:

1. GENERAL CONTRACTOR TO ENSURE ADEQUATE BLOCKING IS PROVIDED IN WALLS WHERE REQUIRED TO SUPPORT WALL-HUNG ELEMENTS (TYP. FOR ALL MILLWORK, TVS, WHITEBOARDS, WASHROOM ACCESSORIES, ETC.). WHERE ADDITIONAL BLOCKING IS REQUIRED IN EXISTING WALLS, CONTRACTOR IS RESPONSIBLE FOR PATCHING WALL TO MAKE GOOD.
2. ALIGN ALL WALL TILE JOINTS WITH FLOOR TILE AND BASEBOARD TILE JOINTS WHEREVER POSSIBLE.
3. REFER TO BOOK SPECIFICATION SECTIONS FOR ADDITIONAL INFORMATION.
4. TBD - PRODUCT AND/OR COLOUR TO BE DETERMINED BY OWNER AND CONSULTANT.
5. ALL COLOURS TO BE REVIEWED AND APPROVED BY OWNER AT SHOP DRAWING STAGE.
6. WD DENOTES WOOD-GRAIN LAMINATE. PL DENOTES SOLID-COLOUR PLASTIC LAMINATE.
7. DOORS TO BE PAINTED TO MATCH ADJACENT WALL U.N.O. - SHEEN TO BE DETERMINED.
8. FLOOR FINISH CHANGES TO BE FLUSH BUTT JOINTS, CENTERED ON DOOR LEAF AT DOORWAYS. WHERE REQUIRED, PROVIDE TRANSITION STRIPS.
9. WD-1 AT HORIZONTAL SURFACES - CONFERENCE RF-04 AND LIBRARY R4-10 CREDENZA TOPS. GRAIN TO RUN WITH THE LONG DIMENSION. TOPS TO BE ONE PIECE, NO SEAMS. CUTOUTS FOR WASTE STATION AND GROMMETS TO HAVE RADIUSED CORNERS AND SEALED EDGES.

TRUE NORTH

PROJECT NORTH

KEY PLAN

DATE		ISSUED
	10	
	9	
	8	
	7	
2026.08.04	6	PERMIT
2026.05.13	5	TENDER
2026.05.12	4	CLIENT REVIEW SET 4
2026.05.05	3	CLIENT REVIEW SET 3
2026.04.29	2	CLIENT REVIEW SET 2
2026.04.09	1	CLIENT REVIEW SET

REVISION SCHEDULE

Date	No.	Description
2026.10.30	1	Addendum 10

PROJECT NAME

BARRIE CITY HALL - FOURTH FLOOR RENOVATION

CLIENT

CITY OF BARRIE

ARCHITECT

58 GRAND AVE S, CAMBRIDGE, ON, N1S 0B7

fabrik ARCHITECTS

The contractor shall check and verify all dimensions and report any errors or omissions to the consultant before commencing or proceeding with any work. Drawings prepared and issued by consultant are the property of the consultant. These documents are not to be duplicated or copied without the consent of the Consultant. Do not scale this drawing.

copyright © 2020 FABRIK Architects Inc.

SHEET TITLE

LUNCHROOM MILLWORK ELEVATIONS

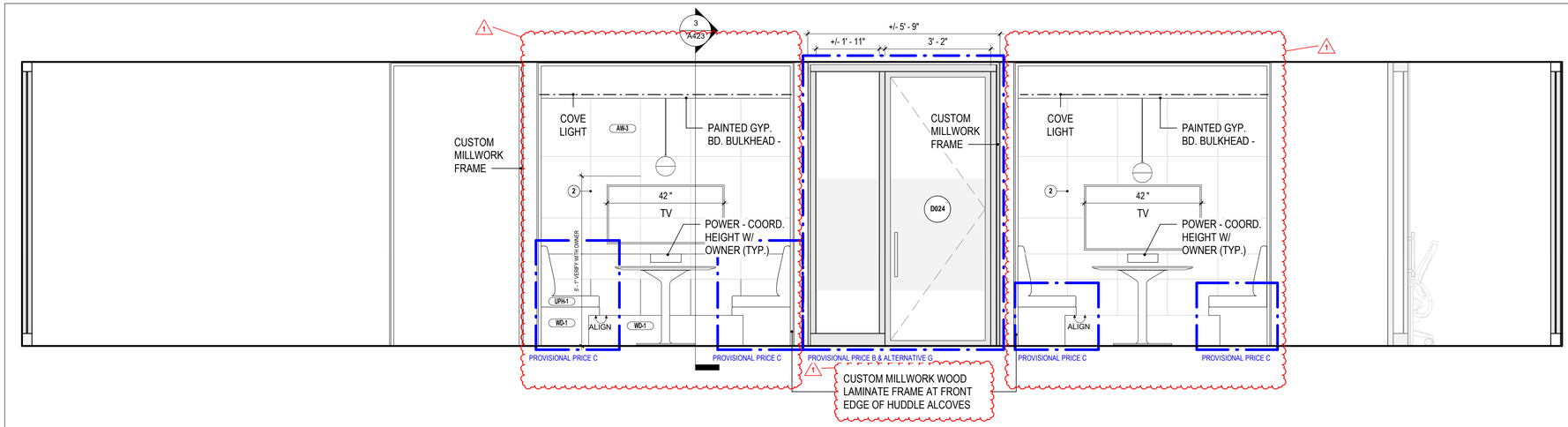
PROJECT No.	23013	SCALE	As indicated
		DRAWN By:	K.C.
		CHECKED By:	L.K.

ONTARIO ASSOCIATION OF ARCHITECTS — ELISHA M. G. NEVES — LICENCE 8599

SHEET No.

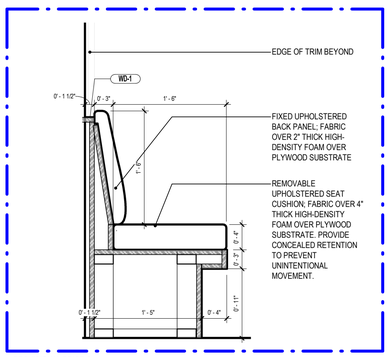
A422

2026-10-30 12:57:06 PM



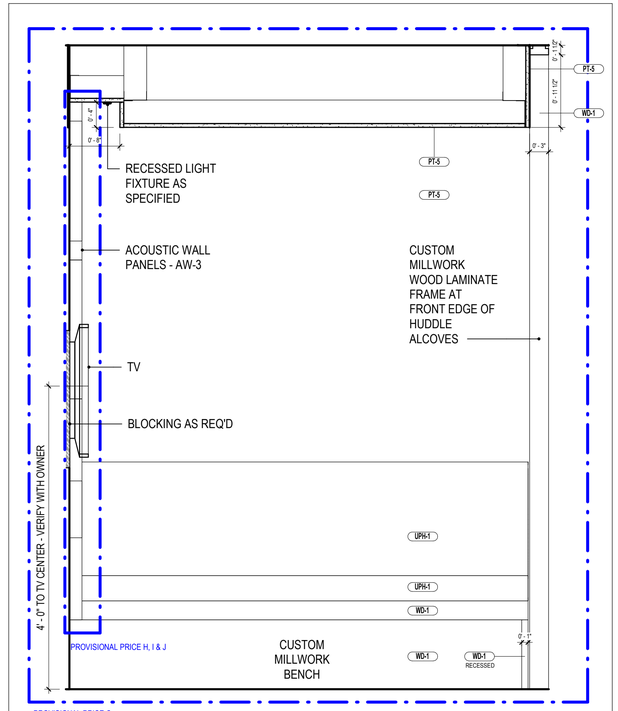
1 A423 HUDDLE BOOTHS ELEVATION

SCALE: 1/2" = 1'-0"



2 A423 HUDDLE BOOTH MILLWORK BENCH SECTION

SCALE: 1" = 1'-0"



3 A423 HUDDLE BOOTH SECTION

SCALE: 1" = 1'-0"

TRUE NORTH

PROJECT NORTH

KEY PLAN

DATE		ISSUED
	10	
	9	
	8	
	7	
2026.08.04	6	PERMIT
2026.05.13	5	TENDER
2026.05.12	4	CLIENT REVIEW SET 4
2026.05.05	3	CLIENT REVIEW SET 3
2026.04.29	2	CLIENT REVIEW SET 2
2026.04.09	1	CLIENT REVIEW SET

REVISION SCHEDULE

Date	No.	Description
2026.10.30	1	Addendum 10

PROJECT NAME

BARRIE CITY HALL - FOURTH FLOOR RENOVATION

CLIENT

CITY OF BARRIE

ARCHITECT

58 GRAND AVE S, CAMBRIDGE, ON, N1S 0B7

fabrik ARCHITECTS

The contractor shall check and verify all dimensions and report any errors or omissions to the consultant before commencing or proceeding with any work. Drawings prepared and issued by consultant are the property of the consultant. These documents are not to be duplicated or copied without the consent of the Consultant. Do not scale this drawing.

copyright © 2020 FABRIK Architects Inc.

SHEET TITLE

LUNCHROOM MILLWORK ELEVATIONS

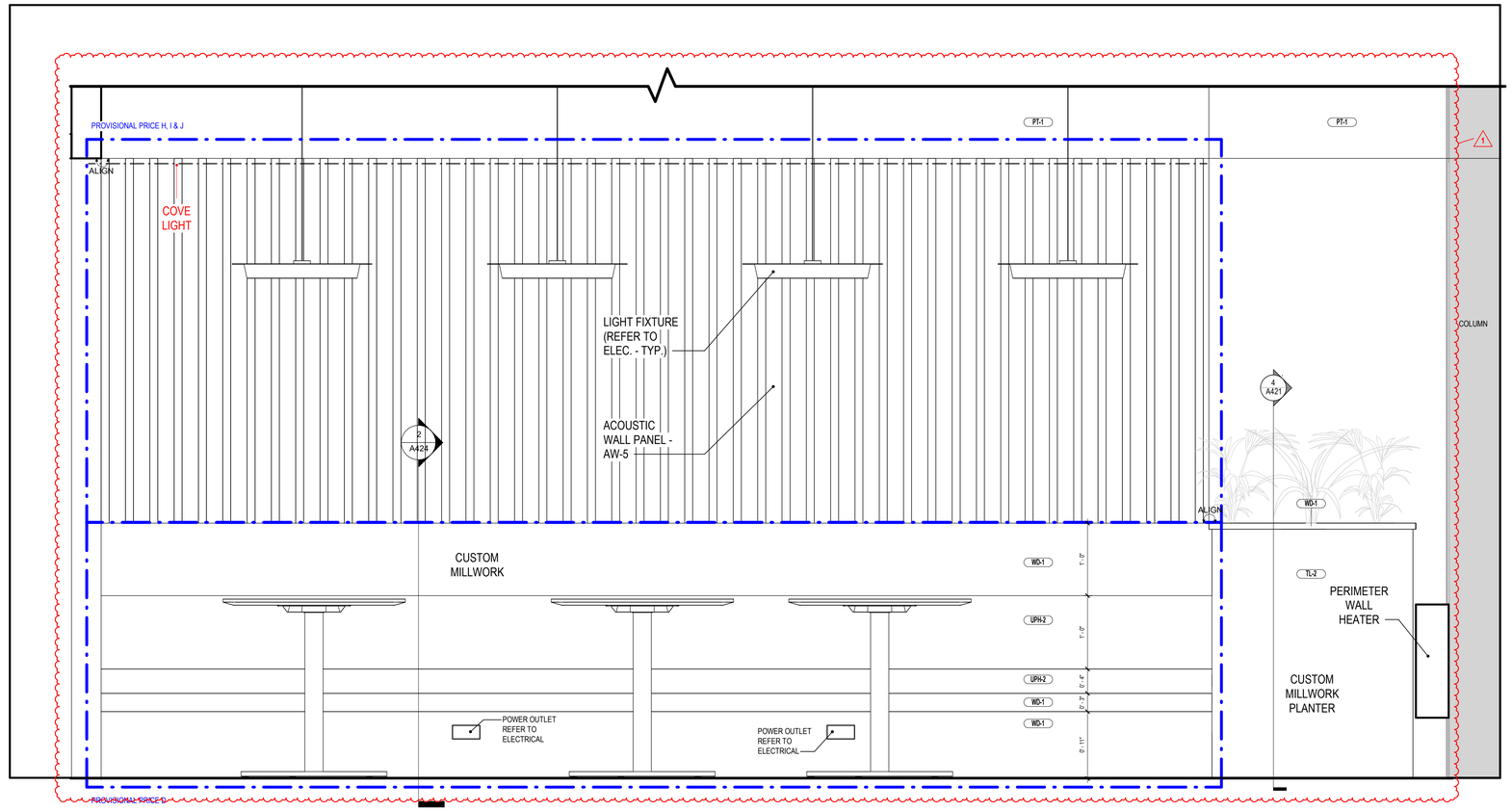
PROJECT No.	23013	SCALE	As indicated
		DRAWN By:	K.C.
		CHECKED By:	L.K.

ONTARIO ASSOCIATION OF ARCHITECTS
ELISIA M. G. NEVES
LICENCE
8569

SHEET No.

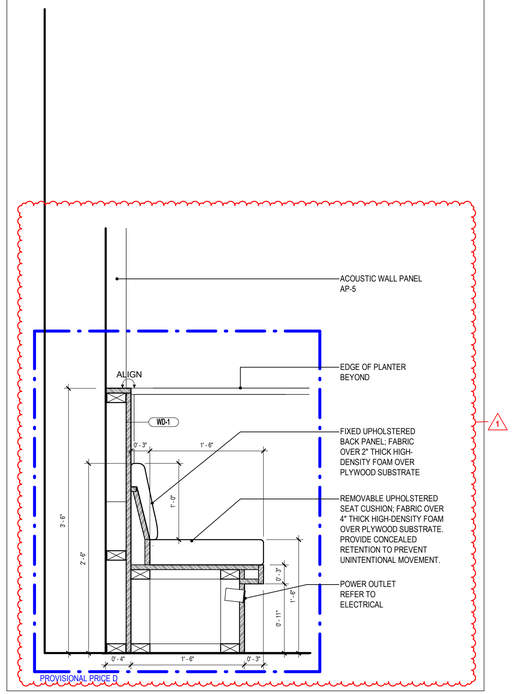
A423

2026-10-30 12:57:17 PM



1 A424 LUNCHROOM BOOTH MILLWORK ELEVATION

SCALE: 1" = 1'-0"



2 A424 LUNCHROOM BOOTH MILLWORK SECTION

SCALE: 1" = 1'-0"

TRUE NORTH

PROJECT NORTH

KEY PLAN

	10	
	9	
	8	
	7	
2026.08.04	6	PERMIT
2026.05.13	5	TENDER
2026.05.12	4	CLIENT REVIEW SET 4
2026.05.05	3	CLIENT REVIEW SET 3
2026.04.29	2	CLIENT REVIEW SET 2
2026.04.09	1	CLIENT REVIEW SET
DATE		ISSUED

REVISION SCHEDULE

Date	No.	Description
2026.10.30	1	Addendum 10

PROJECT NAME

BARRIE CITY HALL - FOURTH FLOOR RENOVATION

CLIENT

CITY OF BARRIE

ARCHITECT

58 GRAND AVE S, CAMBRIDGE, ON, N1S 0B7

fabrik ARCHITECTS

The contractor shall check and verify all dimensions and report any errors or omissions to the consultant before commencing or proceeding with any work. Drawings prepared and issued by consultant are the property of the consultant. These documents are not to be duplicated or copied without the consent of the Consultant. Do not scale this drawing.

copyright © 2020 FABRIK Architects Inc.

SHEET TITLE

LUNCHROOM MILLWORK ELEVATIONS

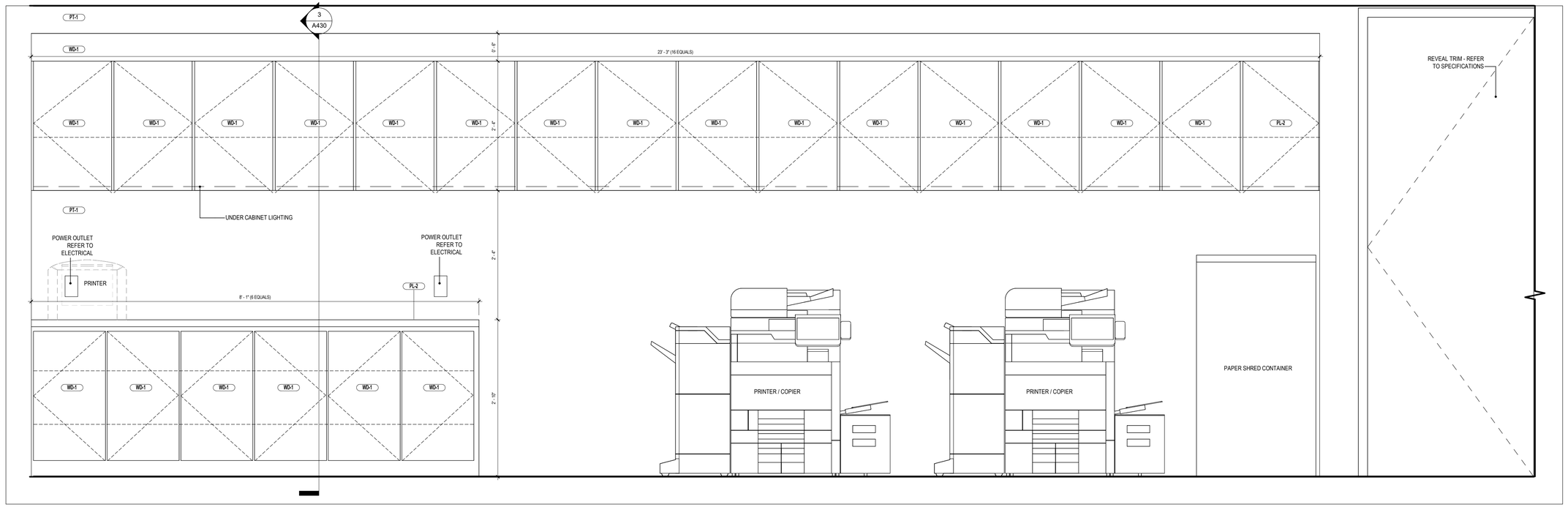
PROJECT No.	23013	SCALE	1" = 1'-0"
		DRAWN By:	K.C.
		CHECKED By:	L.K.

ONTARIO ASSOCIATION OF ARCHITECTS
ELISIA M. G. NEVES
LICENCE 8599

SHEET No.

A424

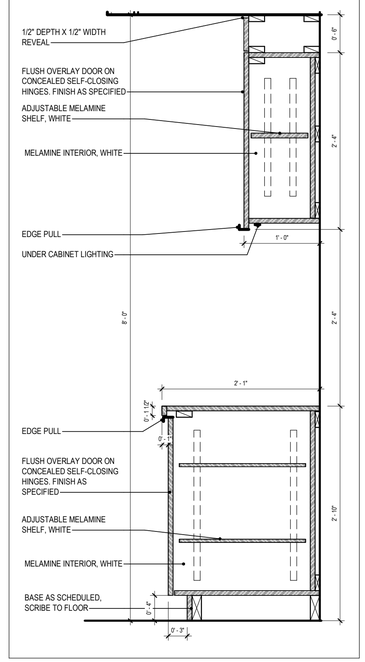
2026-10-30 12:57:19 PM



1 A430 PRINTER / SUPPLY MILLWORK ELEVATION

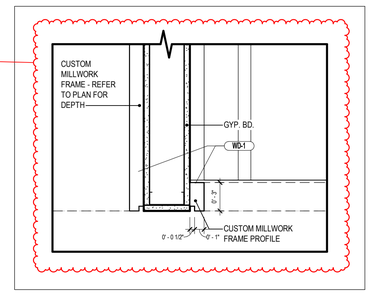
SCALE: 1" = 1'-0"

DRAWING REMOVED.



3 A430 PRINTER / SUPPLY MILLWORK SECTION 2

SCALE: 1" = 1'-0"



4 A430 CUSTOM MILLWORK FRAME PLAN DETAIL

SCALE: 1 1/2" = 1'-0"

FINISHES LEGEND

PT-1	FIELD COLOUR (ALL LOCATIONS UNLESS NOTED OTHERWISE) DULUX DIAMOND OR APPROVED EQUIVALENT; COLOUR AS SELECTED BY ARCH / OWNER; EGGSHELL FINISH
PT-2	ACCENT COLOR 1 - PHONE ROOMS DULUX DIAMOND OR APPROVED EQUIVALENT; COLOUR AS SELECTED EGGSHELL FINISH
PT-3	ACCENT COLOR 2 - LIBRARY DULUX DIAMOND OR APPROVED EQUIVALENT; COLOUR AS SELECTED EGGSHELL FINISH
PT-4	ACCENT COLOR 3 - PRINT DULUX DIAMOND OR APPROVED EQUIVALENT; COLOUR AS SELECTED FLAT FINISH
PT-5	ACCENT COLOR 4 - BOOTHS DULUX DIAMOND OR APPROVED EQUIVALENT; COLOUR AS SELECTED EGGSHELL FINISH
RB-1	RUBBER WALL BASE COLOUR AS SELECTED BY ARCHITECT TO MATCH WALLS
CAR-1	CARPET TILE
CAR-2	CARPET TILE
CAR-3	CARPET TILE
LVT-1	LVT FLOORING
CT-1	COUNTER TOP FINISH
WD-1	WOOD-LOOK PLASTIC LAMINATE
PL-1	PLASTIC LAMINATE
PL-2	PLASTIC LAMINATE
ML-1	WHITE MELAMINE
AW-1	ACOUSTIC WALL TILE 1
AW-2	ACOUSTIC WALL TILE 2
AW-3	ACOUSTIC WALL TILE 3
AW-4	ACOUSTIC WALL TILE 4
AW-5	ACOUSTIC WALL TILE 5
UPH-1	UPHOLSTERY - SEAT AND BACK BOOTHS REFER TO MILLWORK SPECIFICATIONS
UPH-2	UPHOLSTERY - SEAT AND BACK CAFE BANQUETTE REFER TO MILLWORK SPECIFICATIONS
TL-1	WALL TILE
TL-2	PLANTER WALL TILE
TL-3	FLOOR AND WALL TILE
TR-1	FLOORING TRANSITION

NOTES:
1. GENERAL CONTRACTOR TO ENSURE ADEQUATE BLOCKING IS PROVIDED IN WALLS WHERE REQUIRED TO SUPPORT WALL-HUNG ELEMENTS (TYP. FOR ALL MILLWORK, TVS, WHITEBOARDS, WASHROOM ACCESSORIES, ETC.). WHERE ADDITIONAL BLOCKING IS REQUIRED IN EXISTING WALLS, CONTRACTOR IS RESPONSIBLE FOR PATCHING WALL TO MAKE GOOD.
2. ALIGN ALL WALL TILE JOINTS WITH FLOOR TILE AND BASEBOARD TILE JOINTS WHEREVER POSSIBLE.
3. REFER TO BOOK SPECIFICATION SECTIONS FOR ADDITIONAL INFORMATION.
4. TBD - PRODUCT AND/OR COLOUR TO BE DETERMINED BY OWNER AND CONSULTANT.
5. ALL COLOURS TO BE REVIEWED AND APPROVED BY OWNER AT SHOP DRAWING STAGE.
6. WD DENOTES WOOD-GRAIN LAMINATE. PL DENOTES SOLID-COLOUR PLASTIC LAMINATE.
7. DOORS TO BE PAINTED TO MATCH ADJACENT WALL U.N.O. - SHEEN TO BE DETERMINED.
8. FLOOR FINISH CHANGES TO BE FLUSH BUTT JOINTS, CENTERED ON DOOR LEAF AT DOORWAYS. WHERE REQUIRED, PROVIDE TRANSITION STRIPS.
9. WD-1 AT HORIZONTAL SURFACES - CONFERENCE RF-04 AND LIBRARY R4-10 CREDENZA TOPS. GRAIN TO RUN WITH THE LONG DIMENSION. TOPS TO BE ONE PIECE, NO SEAMS. CUTOUTS FOR WASTE STATION AND GROMMETS TO HAVE RADIUSED CORNERS AND SEALED EDGES.

TRUE NORTH

PROJECT NORTH

KEY PLAN

DATE		ISSUED
	10	
	9	
	8	
	7	
2026.08.04	6	PERMIT
2026.05.13	5	TENDER
2026.05.12	4	CLIENT REVIEW SET 4
2026.05.05	3	CLIENT REVIEW SET 3
2026.04.29	2	CLIENT REVIEW SET 2
2026.04.09	1	CLIENT REVIEW SET

REVISION SCHEDULE

Date	No.	Description
2026.10.30	1	Addendum 10

PROJECT NAME

BARRIE CITY HALL - FOURTH FLOOR RENOVATION

CLIENT

CITY OF BARRIE

ARCHITECT

58 GRAND AVE S, CAMBRIDGE, ON, N1S 0B7

fabrik ARCHITECTS

The contractor shall check and verify all dimensions and report any errors or omissions to the consultant before commencing or proceeding with any work. Drawings prepared and issued by consultant are the property of the consultant. These documents are not to be duplicated or copied without the consent of the Consultant. Do not scale this drawing.

copyright © 2020 FABRIK Architects Inc.

SHEET TITLE

MILLWORK ELEVATIONS

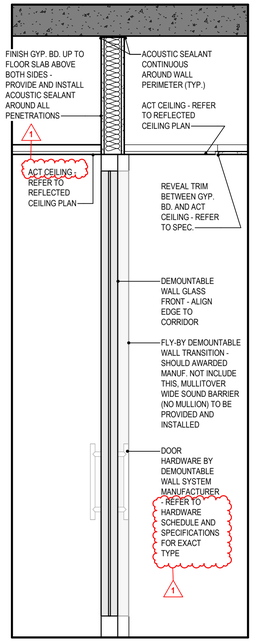
PROJECT No.	23013	SCALE	As indicated
		DRAWN By:	K.C.
		CHECKED By:	L.K.

ONTARIO ASSOCIATION OF ARCHITECTS
Elisia M. G. Neves
ELISIA M. G. NEVES
LICENCE
6559

SHEET No.

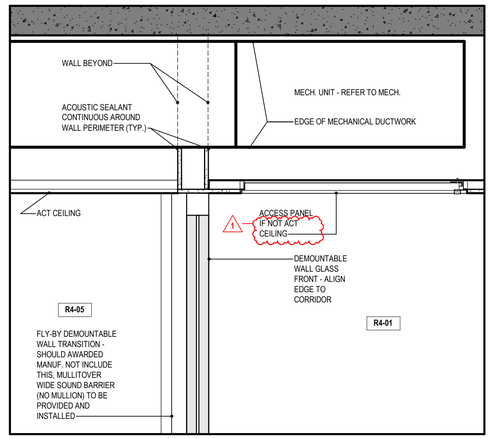
A430

2026-10-30 12:57:19 PM



1 A500 TYPICAL DEMOUNTABLE GLASS WALL SECTION

SCALE: 3/4" = 1'-0"



2 A500 DEMOUNTABLE GLASS WALL & ACCESS PANEL CONDITION 1

SCALE: 1" = 1'-0"

DETAIL 3 REMOVED - NOT USED

DETAIL 4 REMOVED - NOT USED

1

5 A500 DETAIL FOR FUTURE BOOKING SYSTEM ROUGH-IN

SCALE: 1" = 1'-0"

TRUE NORTH

PROJECT NORTH

KEY PLAN

	10	
	9	
	8	
	7	
2026.08.04	6	PERMIT
2026.05.13	5	TENDER
2026.05.12	4	CLIENT REVIEW SET 4
2026.05.05	3	CLIENT REVIEW SET 3
2026.04.29	2	CLIENT REVIEW SET 2
2026.04.09	1	CLIENT REVIEW SET
DATE		ISSUED

REVISION SCHEDULE

Date	No.	Description
2026.10.30	1	Addendum 10

PROJECT NAME

BARRIE CITY HALL - FOURTH FLOOR RENOVATION

CLIENT

CITY OF BARRIE

ARCHITECT

58 GRAND AVE S, CAMBRIDGE, ON, N1S 0B7

fabrik ARCHITECTS

The contractor shall check and verify all dimensions and report any errors or omissions to the consultant before commencing or proceeding with any work. Drawings prepared and issued by consultant are the property of the consultant. These documents are not to be duplicated or copied without the consent of the Consultant. Do not scale this drawing.

copyright © 2020 FABRIK Architects Inc.

SHEET TITLE

CONSTRUCTION DETAILS

PROJECT No.	23013	SCALE	As indicated
		DRAWN By:	LK
		CHECKED By:	EN

ONTARIO ASSOCIATION OF ARCHITECTS
ELIDIA M. G. NEVES
LICENCE 8599

SHEET No.

A500

2026-10-30 12:57:20 PM