

ADDENDUM #1

January 18th 2021

PROJECT : SECURITY LEVEL 2 - PHASE 1 (WING A)
UPGRADING ACCESS CONTROL
MAURICE-LAMONTAGNE INSTITUTE
PROJECT : F3766-190223
n/d : R320-19/19G150-001

OWNER:



Pêches et Océans
Canada

Fisheries and Oceans
Canada

Biens Immobiliers
de l'Environnement,
de la Sécurité et la Santé
(BIESS)

The Real Properties Assets,
Environment,
Safety and Security
(RPESS)

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- .1 This addendum #1 is fully part of the bidding documents in the same way that are quote specifications and plans.
- .2 The addendum ME-01, in annex 2, is fully part of the bidding documents in the same way that are quote specifications and plans.
- .3 **Architect's specifications, Title-page**
 - The title-page of specifications is replaced to make a correction on the title-page, (see annex 1).
- .4 **Architect's specifications, Section 00 01 10, Table of contents**
 - The table of contents is replaced to correct date of the document. (see annex 1).
- .5 **Architect's specifications, section 02 41 19.16, Sélective intérieur démolition**
 - Section 02 41 19.16 is replaced to correct date of issue and revision. (see annex 1).
- .6 **Architect's specifications, section 06 08 99, Rough carpentry**
 - Section 06 08 99 is replaced to correct date of issue and revision. (see annex 1).
- .7 **Architect's specifications, section 07 92 00, Joint sealants**
 - Section 07 92 00 is replaced to correct date of issue and revision. (see annex 1).
- .8 **Architect's specifications, section 08 11 00, Métal doors and Frames**
 - Section 08 11 00 is replaced to correct date of issue and revision. (see annex 1).
- .9 **Architect's specifications, section 08 14 16, Flush Wood Doors**
 - Section 08 14 16 is replaced to correct date of issue and revision, and also to add a section sub-title. (see annex 1).

.10 **Architect's specifications, section 08 71 00, Door Hardware**

- Section 08 71 00 is replaced to correct the following item :
 - issue date ;
 - revision date ;
 - adding of items 2.06 = Key Cabinet ;
 - also various corrections to door, frame and hardware schedule. (see annex 1).

.11 **Architect's plan, sheet A-001, Floor plan, level 5**

- Changes are made : Plan A-001 is replaced by annotated plan with clouds draw to report changes (see annex 3).

.12 **Architect's plan, sheet A-002, Floor plan, level 6 and basement**

- Changes are made : Plan A-002 is replaced by annotated plan with clouds draw to report changes (see annexe 3).

End of the addendum

Préparé by :

Michel Cyr, architect, pour
Gagnon, Letellier, Cyr, Ricard, Mathieu et Associés, architectes

MC/gd

Rimouski, january the 18th 2021

ANNEX 1

**ARCHITECTURAL AND ENGINEERING/ add #1
SPECIFICATIONS**

FOR TENDER

**SECURITY LEVEL 2 - PHASE 1 (WING A)
UPGRADING ACCESS CONTROL
MAURICE-LAMONTAGNE INSTITUTE**

850 Route de la Mer
Sainte-Flavie (Québec) GOJ 2L0
Project : F-3766-170072



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December 3th 2020

EMIS POUR SOUMISSION

DATE: December 3th 2020

GAGNON LETELLIER CYR RICARD MATHIEU & ASSOCIÉS
architectes

Note: Ne doit pas servir a la construction.

ARCHITECTURAL SPECIFICATIONS**DIVISION 0**

00 01 10	Table of Contents	2
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DIVISION 2

02 41 19.16	Selective Interior Demolition	10
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DIVISION 6

06 08 99	Rough Carpentry for Minor Works	5
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DIVISION 7

07 92 00	Joint Sealants	6
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DIVISION 8

08 11 00	Metal Doors and Frames	8
08 14 16	Flush Wood Doors	4
08 71 00	Door Hardware	8
	Annex 1 – Door, Frame and Hardware Schedule	12

DIVISION 9

09 21 16.08	Gypsum Board Assemblies for Minor Works	5
09 91 00.08	Painting for Minor Works	6

DIVISION 10

10 14 00	Building Signage (Installation only)	2
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ARCHITECTURAL DRAWINGS

A001	Floor plan - level 5 – A Wing	
A002	Floor plan - level 6 - basement : A Wing	

ENGINEERING SPECIFICATIONS**DIVISION 26**

26 05 00	Common Work Results for Electrical	11
26 05 20	Wire and Box connectora (0 – 1000 V)	2
26 05 21	Wires and cables (0 – 1000 V)	3
26 05 28	Grounding – Secondary	2
26 05 29	Hangers and Supports for Electrical Systems	2
26 05 31	Splitter, Junction, pull Boxes and Cabinet	1
26 05 32	Outlet Boxes, conduits Boxes and Fitting	2
26 05 34	Conduits, Conduit Fastening and Conduit Fittings	3
26 28 16.02	Moulded Case Circuit Breakers	1

DIVISION 28

28 10 00	Acces Control	4
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1 GENERAL**1.01 SUMMARY**

- .1 The present section includes the following:
 - .1 Demolition and removal of selected interior components and interior finishes of the building.
 - .2 Required repair procedures as part of selective demolition.
- .2 The present section excludes the following:
 - .1 Demolition of exterior building components or structural elements.
 - .2 Mechanical and Electrical equipment and materials, except for that which is required in order to execute minor modifications and to allow for completion of the Work.
- .3 The drawings contain execution details that serve as a guide to the main demolition and removal requirements for the present project; the Contractor shall supplement these execution details with a demolition plan prepared by an Engineer at his own cost.

1.02 RELATED REQUIREMENTS

- .1 Section 09 21 16 - Gypsum Board Assemblies
- .2 Section 09 51 13 - Acoustical Panel Ceilings

1.03 REFERENCES

- .1 American National Standards Institute (ANSI)
 - .1 [ANSI A10.8](#) 2011, Safety Requirements for Scaffolding
- .2 ASTM International (ASTM)
 - .1 [ASTM C 475/C 475M-15](#), Compound and Joint Tape for Finishing Gypsum Board
- .3 Groupe CSA (CSA)
 - .1 [CSA S350-M1980](#) (R2003), Code of Practice for Safety in Demolition of Structures
- .4 Department of Justice Canada (Jus)
 - .1 Canadian Environmental Assessment Act (CEAA), 2012
 - .2 Canadian Environmental Protection Act (CEPA), 2012
 - .1 On-Road Vehicle and Engine Emission Regulations, SOR/2003-2
 - .2 Regulations Amending On-Road Vehicle and Engine Emission Regulations, SOR/2006-268
 - .3 Transportation of Dangerous Goods Act, 1992 (TDGA), ch. 34.
 - .4 Motor Vehicle Safety Act (S.C. 1993, ch. 16)
 - .5 Hazardous Materials Information Review Act, (R.S.C. (1985))

- .5 National Fire Protection Association (NFPA)
 - .1 NFPA 241(13), Standard for Safeguarding Construction, Alteration, and Demolition Operations

1.04 DEFINITIONS

- .1 Demolish : Dismantling of the elements that are part of the existing structure and removal of such elements from the site for elimination in accordance with regulations, except where indicated that such elements and materials be dismantled and kept for recycling or salvage and reuse.
- .2 Remove and salvage: Dismantling the elements and materials of the existing construction and deliver them to the Departmental Representative in appropriate condition for reuse.
- .3 Remove and reinstall: Dismantling of the elements and materials of the existing construction, clean and prepare them and reinstall them as indicated.
- .4 Existing elements to maintain: Elements/materials of the existing construction that are to remain in place and that are not intended for removal and recycling or removal and reinstallation.
- .5 Hazardous materials: Substances, materials, goods and products that include, but are not limited to, asbestos, mercury, lead, PCBs, poisons, corrosive agents, inflammable materials, radioactive substances and other materials that, when misused, may have detrimental effects on the health and well-being of persons, or on the environment and that are defined as such under the Federal Hazardous Products Act (R.S.C. 1985), including all recent amendments.

1.05 ADMINISTRATIVE REQUIREMENTS

- .1 Coordination: The mandatory provision of the present Section shall be coordinated with the Departmental Representative as concerns the ownership of materials, as follows:
 - .1 With the exception of those elements and materials intended for reuse, salvage, reinstallation or that are to remain the as property of the Departmental Representative, materials resulting from the demolition work become the property of the Contractor and shall be removed from the Work Site.
 - .2 Coordinate the selective demolition work in a manner that the esthetic requirements of the present Section as shown on the Drawings are adhered to, and that required dimensions of all elements shown on the Drawings are respected, as well as maintaining the relation of such elements with the other elements of the building; dimensions in accordance with the Drawings.

- .3 Historical elements, relics and similar objects, in particular such items as cornerstones, and their contents, commemorative plates and panels, antiques and all other elements that may be of interest or of value to the Departmental Representative shall remain the property of the Departmental Representative:
 - .1 Carefully dismantle each element or object to be salvaged without damaging it. Deliver it without delay to the Departmental Representative.
 - .2 Coordinate the directives of the present Section with the directives of the Departmental Representative, who shall establish the methods to be used for dismantling and recovery of such items.
- .2 Pre-demolition meeting: Convene a pre-demolition meeting one (1) week prior to commencing the work of the present Section and the execution of the work, with the Contractor and the Departmental Representative in attendance. The purpose of this meeting shall serve to discuss the following:
 - .1 Confirmation of the quantities of materials to be recovered and materials to be demolished.
 - .2 To review the Contractor's Demolition Plan.
 - .1 Verification of the existing conditions in the proximity of the area where the demolition work is to be executed.
 - .2 Coordinate the work with that of other trades.
- .3 Hold weekly meetings.
- .4 Ensure attendance of key personnel.
- .5 As necessary, the Departmental Representative shall notify concerned parties in writing, 24 hours in advance, of any changes to the meeting schedule established at Contract Award.

1.06 SUBMITTALS OF DOCUMENTS/ SAMPLES FOR APPROVAL / INFORMATION

- .1 Selective Demolition Work Progress Schedule: indicate the following information:
 - .1 Detailed selective demolition work and removal sequencing, including the commencement and completion dates for each activity.
 - .2 Coordinate the day-to-day activities on the site with the Departmental Representative and limit the quantity of disruptions during regular opening hours.
 - .3 Disruption of public utilities.
 - .4 Coordination of power disruption, disconnection, capping off and maintenance of public utilities.
 - .5 Use of elevators and stairs.

- .6 Locations of temporary partitions and means of evacuation; this requirement applies to other users affected by the selective demolition activities as well.
- .7 Coordinate with Departmental Representative the ongoing occupation of parts of the existing building as well as the partial occupation of the completed work by the Departmental Representative.
- .2 Demolition Plans: Submit a plan of the demolition zone indicating the temporary facilities and shoring, removal and demolition methods to be used; the Drawings, to be executed by an Engineer in accordance with requirements of the authority having jurisdiction, shall include the following:
 - .1 Proposed dust and noise control measures: Submit a declaration and a Drawing indicating the proposed measures concerning the use and locations, as well as a proposed operating schedule. The Departmental Representative reserves the right to modify the measures where the operations interfere with the day-to-day activities of the Departmental Representative.
 - .2 Provide a list of elements removed and recovered upon completion of the Selective Demolition work.
 - .3 Pre-demolition work photos: Submit photos of the state of adjacent building areas and facilities prior to commencing work. Document surface finishes in order to avoid having existing damages attributed to the Selective Demolition work.
- .2 Documents and samples to be submitted for information: Submit the following documents and samples at the request of the Departmental Representative.
 - .1 Competency information: Provide information on the experience of all contractors and their personnel, as well as their aptitude to execute the work of the present Section, including but not limited to : A list of prior work indicating project name and address, as well as the addresses of the Architects and the Owner for projects of similar scope and complexity.

1.07 QUALITY ASSURANCE

- .1 Regulatory requirements: Execute the work in accordance with the more stringent of regulations where there is a discrepancy between the federal, provincial, and municipal regulations.
 - .1 Provincial and federal regulations: Execute work in accordance with the authority having jurisdiction where environmental regulations are concerned.
 - .2 Municipal regulations: Waste removal and transportation shall comply with the regulations of the authority having jurisdiction

- .2 Qualifications: Provide proof of qualifications upon request by Departmental Representative.
 - .1 Qualifications of the Demolition Contractor: Specialized Contractor with verifiable experience in demolition work similar in scope and materials to that of the present project.
 - .1 Compliant with local Health and Safety regulations.
 - .2 Compliant with Workers Accident Compensation regulations.
 - .3 Compliant with Municipal regulations governing this type of work.

1.08 SITE CONDITIONS

- .1 The Departmental Representative shall occupy parts of the building directly adjacent the selective demolition zone.
 - .1 Execute the selective demolitions work in a manner that does not interfere the with daily activities of the Departmental Representative.
 - .2 Provide the Departmental Representative with notice of at least 72 hours prior to execution of activities that may affect the activities of the Departmental Representative.
- .2 Maintain existing evacuation routes, pedestrian walkways, hallways, and passages, exits and adjacent areas that are occupied or used:
 - .1 Obtain written permission from authorities having jurisdiction prior to blocking off or obstructing evacuation routes, pedestrian walkways, hallways, and passages, exits or other installations that are occupied or used.
- .3 The Departmental Representative shall bear no responsibility concerning the conditions in the selective demolition work area.
 - .1 The site conditions observed during the call to tender site visit shall be maintained by the Departmental Representative to the extent possible.

2 PRODUCTS

2.01 TEMPORARY SUPPORT WORK

- .1 Temporary support work required for the demolition work, underpinning operations and other foundation support required by the work of the project shall be designed and planned by a Professional Engineer, licensed to practice in the province where the project is located.

2.02 DESCRIPTION

- .1 The work of the present Section includes but is not limited to the following:
 - .1 The demolition, complete removal from the site and elimination of all component, materials, and equipment as well as all debris as indicated.

- .2 The selective demolition work intended to integrate the walls, ceilings, partitions, and new materials with the existing construction, as indicated.
- .3 All material produced by the demolition work shall be removed from the site without delay. Salvage, recovery, sorting, selling, and burning of materials is prohibited on Site.
- .4 Withhold the elements indicated on the Drawings that are intended for reuse in the project.

2.03 WASTE

- .1 Take all required measures concerning the removal and transportation of demolition waste from the site.

2.04 EQUIPMENT

- .1 Supply all equipment required to accomplish the interior demolition work in the specified buildings in a safe and appropriate manner.

2.05 PATCHING MATERIALS

- .1 Use patching materials that are identical to existing materials.
 - .1 Where identical patching materials cannot be found for restoring exposed surfaces, use materials that visually espouse the adjacent materials as much as possible.
 - .2 Use materials whose durability after installation is equivalent to or surpasses that of the existing materials.
 - .3 Meet the requirements of materials and installation indicated under related sections of the present Specifications.
- .2 Floor patching and smoothing compounds: Cement based, trowel applied, self-levelling and compatible with the specified floor finishes; gypsum-based compounds are not suitable for work of the present Section.
- .3 Concrete masonry elements: Lightweight concrete elements to be joined to mortar, cut, and sized to fit the opening to be filled. Provide standard honeycombed elements, end brackets and masonry beams, as indicated on the Drawings.
- .4 Prefinished steel sheet: colour identical to that of the radiator cabinets, folded and shaped to conform to the existing radiator cabinets.
- .5 Gypsum board joint compound: in accordance with [ASTM C 475/C 475M](#), backing and finish compound, diluted to obtain a consistency of a sealant coating in order to patch and prepare the existing gypsum board walls to receive a new finish, in accordance with Section 09 21 16 – Gypsum Board Assemblies.

- .6 Partitions and dust screens: Refer to Section 01 56 00 – Temporary Enclosures and Barriers for framing materials and interim gypsum board finishes.

2.06 EXISTING MATERIALS

- .1 The elements to be preserved for reuse in the construction include in particular, the following:
 - .1 Ceiling elements.
 - .2 Prior to elimination of any component, confirm with Departmental Representative if he has any reason to salvage it.
 - .3 Prior to installing any component destined for re-use whose condition is less than optimal, confirm with Departmental Representative whether it should be used.

3 EXECUTION

3.01 INSPECTION

- .1 Ensure that public utilities have been disconnected and capped off.
- .2 Verify existing conditions and coordinate them with the indicated requirements to establish the surface area to be selectively demolished.
- .3 Draw up an inventory of elements to remove and reinstall and of elements to remove and recycle.
- .4 Notify the Departmental Representative if existing mechanical, electrical or structural elements are apt to cause conflict with the intended design or function.
 - .1 Inspect unforeseen elements in order to assess the nature and scope of possible conflict. Immediately submit a written report of such situations to the Departmental Representative.
 - .2 The Departmental Representative shall issue additional instructions or amend the Drawing to correct the situation, as necessary.
- .5 Carry out periodic inspections as work progresses in order to detect any risks caused by the selective demolition work.

3.02 PUBLIC UTILITIES

- .1 Not applicable.

3.03 PREPARATION

- .1 Identify and mark all equipment and materials that the Departmental Representative has indicated for salvage or that are intended for reuse in future construction. Sort and store those elements to be preserved in an area distant from the demolition zone and prevent them from accidental elimination.
- .2 Install warning signs on equipment and electrical conduits that must remain in use during the demolition work in order to provide power to other work.
- .3 Ensure that not all communications and electrical conduits are disconnected.
- .4 Do not cut or rupture service conduits that are in use where they pass through the demolition zone.
- .5 Supply and erect barricades, warning signals and signs and protective gear for all workers and the public for the duration of the work.
- .6 Identify all materials destined for reuse and store them in a secure place until they are to be reinstalled.
- .7 Adjust junction switch boxes so that they are flush with the new wall where additional coatings are to be installed on the existing frames is indicated.
- .8 Remove permanent marking lines used or present on exposed surfaces that are destined to receive finish materials. Mechanically remove permanent marking lines and related supports and level the surface. It is not permitted to apply a sealant or a base coat over the permanent marking lines.

3.04 SELECTIVE DEMOLITION

- .1 Demolish and dismantle work in a careful and orderly fashion and in accordance with regulations.
- .2 At the end of each workday, verify the safety and stability of the work in order to avoid collapse or tilting of all and any components.
- .3 Execute demolition work in a manner to minimize dust creation and prevent its migration.
- .4 The sale and burning of materials on site is prohibited.

- .5 Fill all openings in concrete bloc walls with masonry blocs, taking care to match up the courses of the new and existing work and prepare all surfaces to receive new finishes to match the existing finishes.
 - .1 Use link beams in the new openings created in the existing concrete masonry walls.
 - .2 Use finished edge masonry elements to join and repair jambs in the new openings created in the existing concrete masonry walls.
- .6 Block all openings in gypsum board wall with gypsum board and steel framing corresponding to that of the existing work. Apply a thin coat of joint material to that wall surfaces and even and smooth.
- .7 As indicated, demolish all framed acoustical panel ceilings.
- .8 Remove all wall finishes as indicated for the demolition work. Level and repair all wall surfaces with a thin coat of joint filler to ensure surfaces are smooth and prepared to receive new finishes.
- .9 Repair and restore all walls, floors and ceilings damaged by demolition work. Use materials to match adjacent surfaces and prepare them to receive new finishes.
- .10 Repair and restore all radiator cabinets, mechanical devices and lighting equipment that have been damaged or exposed during demolition work in a manner to match all adjacent finished surfaces.

3.05 REPAIR AND RESTORATION

- .1 Floors and walls:
 - .1 In the areas where walls or partitions to be demolished are a continuation of one finished area to another, repair and restore floor and wall surfaces of the new area created.
 - .2 Produce a level, smooth surface, with a uniform finish of the identical texture, colour and appearance.
 - .3 Remove existing floor and wall finished and replace with new materials as necessary to obtain uniform colour and appearance.
 - .4 Refit using durable joints that are as invisible as possible.
 - .5 Supply all materials and comply with installation requirements of other Sections that are referenced in the present Specifications.

- .6 Painting touch-ups: apply a base coat and an intermediary coat on the area to be touched up, then a finish coat over the entire continuous surface adjacent the touched-up area. Apply additional coats until the touch-up blends with the adjacent surfaces.
- .7 Wherever possible, test and inspect the touched-up areas in order to demonstrate the integrity of the work.
- .2 Ceilings: restore and repair ceilings, or install new suspended ceilings as necessary, to obtain a level surface of uniform appearance.

3.07 PROTECTION

- .1 Take all necessary measures to prevent debris from blocking roof drains and the surface drain network, and to protect all equipment, electrical systems and services that are to remain functional.
- .2 Organize demolition work and support work in a manner that least disrupts the use of adjacent building areas by the Departmental Representative and other users.
- .3 Ensure safe access and egress at all times in adjacent occupied parts of the building.
- .4 Provide and maintain required fire protection equipment and alarm systems and ensure that they remain accessible during demolition work.

3.08 CLEANING

- .1 Draw up a Construction Waste Management Plan for the work of the present Section.
- .2 Expedite excess materials to a site approved by the Departmental Representative.
- .3 Clean site as work progresses and remove all waste and excess materials. Remove waste resulting from demolition work daily.
- .4 Ensure exits are not blocked by removal of waste.
- .5 Keep neighbouring and adjacent roads, access roads, sidewalks, and municipal rights of way clean and free of debris, earth and waste that may constitute a risk to vehicles and persons.

END OF SECTION

1 GENERAL

1.01 RELATED REQUIREMENTS

- .1 Section 02 41 19.16 -Selective Interior Demolition
- .2 Section 08 11 00 - Metal Doors and Frames
- .3 Section 09 21 16.08 - Gypsum Board Assemblies for Minor Works

1.02 REFERENCES

- .1 N/A
- .2 CSA (CSA)
 - .1 [CSA B111-\[1974\(C2003\)\]](#), Wire Nails, Spikes and Staples.
 - .2 [CSA O121-\[08\]](#), Douglas Fir Plywood.
 - .3 [CSA O141-\[F05\(C2009\)\]](#), Softwood Lumber.
 - .4 [CSA O151-\[F09\]](#), Canadian Softwood Plywood.
 - .5 [CAN/CSA-O325.0-\[F07\]](#), Construction Sheathing.
 - .6 [CAN/CSA-Z809-\[F08\]](#), Sustainable Forest Management.
- .3 Canadian National Research Council (CNRC)
 - .1 National Building Code - Canada [2015] (NBC).
- .4 Forest Stewardship Council (FSC)
 - .1 FSC-STD-01-001- [2004], FSC Principle and Criteria for Forest Stewardship.
- .5 Green Seal Environmental Standards (GS)
 - .1 GS-11- [11], Paints and Coatings.
- .6 National Lumber Grades Authority (NLGA)
 - .1 Standard Grading Rules for Canadian Lumber [2008].
- .7 South Coast Air Quality Management District (SCAQMD), California State, Regulation XI. Source Specific Standards
 - .1 SCAQMD Rule1113-[A2011], Architectural Coatings.
- .8 Sustainable Forestry Initiative (SFI)
 - .1 Standard SFI- [2010-2014].

1.03 SUBMITTALS FOR APPROVAL/INFORMATION

- .1 Data sheets
 - .1 Submit manufacturer's data sheets, instructions and documentation related to carpentry work. Data sheets shall indicate characteristics of the products, performance criteria, sizes, finishes and constraints.

1.04 SUBMITTALS RELATED TO SUSTAINABLE DESIGN

- .1 Not applicable

1.05 ADDITIONAL AND REPLACEMENT MATERIALS SUBMITTALS

- .1 Additional materials/equipment
 - .1 Supply and install panels required for mounting electrical apparatus, as indicated. Use 19 mm thick plywood panels on framing composed of 19 mm x 38 mm elements, reinforced with elements of same size placed at maximum 305 mm intervals.

1.06 QUALITY ASSURANCE

- .1 Lumber identification: by grade stamp of an agency certified by Canadian Lumber Standards Accreditation Board.
- .2 Plywood identification: by grade stamp in accordance with applicable CSA standards.
- .3 Plywood, particleboard, OSB and wood based composite panels: in accordance with applicable CSA standards.
- .4 Sustainable development Certification
 - .1 Certified wood: Submit a list of wood products used that comply with CAN/CSA-Z809 or FSC or SFI.

1.07 TRANSPORTATION, STORAGE AND HANDLING

- .1 Transport, store and handle materials and equipment in accordance with manufacturer's written instructions.
- .2 Delivery and reception: deliver materials to the site in their original packaging, bearing a label with the manufacturer's name and address.
- .3 Storage and handling
 - .1 Store materials off the ground, in a clean, dry and well-ventilated enclosure, in accordance with manufacturer's recommendations.
 - .2 Store wood so as to protect it from marks, gouges and scratches.
 - .3 Replace damaged materials with new materials.

2 PRODUCTS

2.01 MATERIALS

- .1 Lumber: softwood, S4S (bleached on 4 sides), moisture content 19% (S-dry) or less in accordance with the following standards:
 - .1 [CAN/CSA-0141](#).
 - .2 NLGA, Standard Grading Rules for Canadian.
 - .3 Certified wood panels to [CAN/CSA-Z809](#) or FSC or SFI.
- .2 Furring, blocking, nailing strips, grounds, rough bucks, fascia backing and sleepers.
 - .1 S2S is acceptable.
 - .2 Board sizes: "Standard" or better grade.
 - .3 Dimension lumber: "Standard" light framing or better grade.
- .3 Panels
 - .1 Douglas Fir plywood (Douglas Fir) : in accordance with [CSA 0121](#), «construction» grade, « standard » category.
 - .1 Urea-formaldehyde free materials.
 - .2 Canadian Softwood Lumber: in accordance with [CSA 0151](#), « construction » grade, « standard » category.
 - .1 Urea-formaldehyde free materials.
 - .3 Plywood, particleboard, OSB and wood based composite panels: in accordance with [CAN/CSA-0325](#).
 - .1 Urea-formaldehyde free materials.
- .4 Wood treatment products
 - .1 Surface applied wood preservative: waterproof preservative [uncoloured][coloured], [copper naphtenate based], or a 5% solution of pentachlorophenolate.
 - .2 The use of pentachlorophenolate is limited to the wood elements that will be in contact with the ground and are subject to rot or insect infestation. Where necessary, wood treated with pentachlorophenolate shall be coated with two coats of an appropriate base coat.
 - .3 Work constructed with pentachlorophenolate treated wood and inorganic arsenical compounds shall not be used for food storage and such treated wood shall not come into contact with drinking water supply.

2.02 ACCESSORIES

- .1 Fasteners : in accordance with [CAN/CSA-G164](#) pour les exterior work and wood work.
- .2 Nails, spikes and staples: in accordance with [CSA B111](#).
- .3 Bolts: 12.5 mm diameter, unless otherwise indicated, with nuts and washers.

- .4 Proprietary fasteners: toggle bolts, expansion shields and lag bolts, screws and lead or inorganic fiber plugs, explosive actuated fastening devices, recommended for purpose by manufacturer.

3 EXECUTION

3.01 EXAMINATION

- .1 Verification of conditions: prior to proceeding with installation of carpentry work ensure that surfaces/supports installed beforehand under other sections or contracts are acceptable and allow for proper execution of the work in accordance with the manufacturer's written instructions.
- .1 Perform a visual inspection of surfaces/supports in the presence of the Departmental Representative.
 - .2 Immediately notify the Departmental Representative of any unacceptable conditions detected.
 - .3 Commence installation work only after unacceptable conditions have been remedied.

3.02 PREPARATION

- .1 Treat surfaces of material with wood preservative prior to installation.

3.03 INSTALLATION

- .1 Comply with NBC requirements, most recent edition, supplemented with the following parts of this Section.
- .2 Install furring and blocking as required to space-out and support wall and ceiling finishes, facings, fascia, soffit, siding and other work as specified.
- .3 Align and plumb face of furring and blocking to tolerance of [1:600].
- .4 Install rough bucks, nailers and linings to rough openings as required to provide backing for frames and other work.
- .5 Install wood cants, fascia backing, nailers, curbs and other wood supports as required and secure using galvanized fasteners.
- .6 Plane, reduce and slightly submerge nailers into the roof waterproofing that are destined to receive the roof drains.
- .7 Install joists as indicated.
- .8 Do not use particleboard panels without taking the necessary precautions. Ensure use of dust collectors and superior quality breathing apparatus.

- .9 Assemble, frame, anchor, fasten, tie and brace members to provide required strength and rigidity.
- .10 Countersink bolts where necessary to provide clearance for other work.

3.04 CLEANING

- .1 Cleaning during the course of work: execute cleaning work.
 - .1 Leave the premises in a clean state at the end of each workday.
- .2 Final Cleaning: remove all surplus materials and equipment, waste and tools from the site.

END OF SECTION

1 GENERAL

1.01 RELATED REQUIREMENTS

- .1 Section 08 11 00 - Metal Doors and Frames.
- .2 Section 09 21 16 - Gypsum Board Assemblies for Minor Works.

1.02 REFERENCES

- .1 ASTM International
 - .1 [ASTM C 919-\[18\]](#), Standard Practice for Use of Sealants in Acoustical Applications.
- .2 Non-applicable
- .3 Canadian General Standards Board (CGSB)
 - .1 [CGSB 19-GP-5M-\[1984\]](#), Sealing Compound, One Component, Acrylic Base, Solvent Curing (Issue of 1976 reaffirmed, incorporating Amendment No. 1).
 - .2 [CAN/CGSB-19.13-\[M87\]](#), Sealing Compound, One-component, Elastomeric, Chemical Curing.
 - .3 [CGSB 19-GP-14M-\[76\]](#), Sealing Compound, One Component, Butyl-Polyisobutylene Polymer Base, Solvent Curing (Reaffirmation of April 1976).
 - .4 [CAN/CGSB-19.17-\[M90\]](#), One-Component Acrylic Emulsion Base Sealing Compound.
 - .5 [CAN/CGSB-19.24-\[M90\]](#), Multi-component, Chemical Curing Sealing Compound.
- .4 General Services Administration (GSA) - Federal Specifications (FS)
 - .1 FS-SS-S-200-[E(2)1993], Sealants, Joint, Two-Component, Jet-Blast-Resistant, Cold Applied, for Portland Cement Concrete Pavement.
- .5 Health Canada/Workplace Hazardous Materials Information System (WHMIS)
 - .1 Material Safety Data Sheets (MSDS).
- .6 South Coast Air Quality Management District (SCAQMD), California State, Regulation XI. Source Specific Standards

1.03 SUBMITTALS FOR APPROVAL/INFORMATION

- .1 Product data:
 - .1 Submit required data sheets as well as manufacturer's literature and written instructions concerning the joint sealant materials. The product data shall indicate the physical characteristics of the products, the performance criteria, dimensions, limits and finishes.
 - .2 Manufacturer's product data shall deal with the following:
 - .1 Caulking products.
 - .2 Primers.
 - .3 Sealing compounds, each type, including compatibility when different sealants are in contact with each other.
- .2 Samples
 - .1 Submit duplicate samples of each colour and each type of product proposed.
 - .2 Submit cured samples of exposed sealants for each color proposed where required to match adjacent material.
- .3 Manufacturer's instructions
 - .1 Submit manufacturer's instructions concerning each product proposed.

1.04 CLOSEOUT SUBMITTALS

- .1 Operating and maintenance data: provide instructions related to operation and maintenance to be incorporated into the Operating Manual.

1.05 DELIVERY, STORAGE AND HANDLING

- .1 Transport, store and handle materials in accordance with Section _____ and with manufacturer's written instructions.
- .2 Delivery and reception: deliver materials to the site in their original packaging, labeled with manufacturer's name and address.
- .3 Storage and handling
 - .1 Store the materials off the ground, in a dry, clean and well-ventilated enclosure, in accordance with the manufacturer's recommendations.
 - .2 Replace damaged material(s) with new material(s).

1.06 PROJECT CONDITIONS

- .1 Environmental limitations
 - .1 Proceed with installation of joint sealants only under following conditions:
 - .1 When ambient and substrate temperature conditions are within limits permitted by joint sealant manufacturer or are above 4.4°C.
 - .2 When joint substrates are dry.

- .3 When manufacturer's recommendations concerning temperatures, relative humidity, moisture content of the substrates that is appropriate for application and for curing sealant compounds, as well as any special directives related to any of the above, are respected.
- .2 Joint-width conditions
 - .1 Proceed with installation of joint sealants only where joint widths are greater than those allowed by joint sealant manufacturer for applications indicated.
- .3 Joint substrate conditions
 - .1 Proceed with installation of joint sealants only when contaminants capable of interfering with adhesion are removed from joint substrates.

1.07 ENVIRONMENTAL REQUIREMENTS

- .1 Comply with Workplace Hazardous Materials Information System (WHMIS) requirements concerning the use, handling, storage and elimination of hazardous materials, as well as those concerning labelling and provision of product safety data sheets recognized by Health Canada.
- .2 The Departmental Representative shall ensure that the building's ventilation system is working at maximum for air inflow and exhaust during caulking and jointing operations.

2 PRODUCTS

2.01 SEALANT MATERIALS

- .1 Do not use caulking that emits strong odours, contains toxic chemicals or is not certified as mould resistant in air handling units.
- .2 When use of low toxicity caulks are not possible, confine usage to areas which off gas to the exterior, are contained behind air barriers, or are applied several months before occupancy to maximize off gas time.
- .3 Where sealants are qualified with primers use only these primers.

2.02 SEALANT MATERIAL DESIGNATIONS

- .1 Two component sealing compound, polysulfide based:
 - .1 Non sag in accordance with [CAN/CGSB-19.24](#), Type 2, class B.
- .2 Single component sealing compound, polysulfide based:
 - .1 Non sage, in accordance with [CAN/CGSB-19.13](#), [MC-2-40-B-N][MC-2-25-B- N]

- .3 Single component sealing compound, silicone based: in accordance with [CAN/CGSB-19.13](#).
- .4 Single component, acrylic based: in accordance with [CGSB 19-GP-5M](#).
- .5 Preformed compressible and non-compressible backup materials:
 - .1 Polyethylene, Urethane, Neoprene or Vinyl Foam backup material.
 - .1 Extruded closed cell foam backer rod.
 - .2 Size: oversize 30 to 50 %.
 - .2 Neoprene or Butyl Rubber backup materials.
 - .1 Round solid rod, Shore A hardness of 70.
 - .3 High Density Foam backup materials:
 - .1 Extruded closed cell polyvinyl chloride (PVC), extruded polyethylene, closed cell, Shore A hardness of 20, tensile strength 140 to 200 kPa, extruded polyolefin foam, 32 kg/m³ density, or neoprene foam backer, size as recommended by manufacturer.
 - .4 Bond breaker tape.
 - .1 Polyethylene bond breaker tape that will not bond to sealant.

2.03 SEALING COMPOUNDS - LOCATIONS

- .1 Visible expansion/dividing joints created in drywall partitions:
Single component sealing compound.

2.04 JOINT CLEANER

- .1 Non-corrosive and non-staining type, compatible with joint forming materials and sealant as recommended by sealant manufacturer.
- .2 Primer: in accordance with manufacturer's written recommendations.

3 EXECUTION

3.01 INSPECTION

- .1 Before proceeding with application of joint sealants, ensure that surfaces/substrates previously installed under work of other sections or contracts are in acceptable condition and permit execution of the work in accordance with manufacturer's written instructions.
 - .1 Carry out a visual inspection of the surfaces /substrates in the presence of the Departmental Representative.
 - .2 Immediately inform the Departmental Representative of any unacceptable conditions detected.
 - .3 Commence application of compounds only after unacceptable conditions have been remedied.

3.02 SURFACE PREPARATION

- .1 Examine joint sizes and conditions to establish correct depth to width relationship for application of backup materials and sealants.
- .2 Clean bonding joint surfaces to remove harmful matter and substances including dust, rust, oil grease, and other matter which may impair work.
- .3 Do not apply sealants to joint surfaces treated with sealer, curing compound, water repellent, or other coatings unless prior tests have been performed to ensure compatibility of materials. Remove coatings as required.
- .4 Ensure joint surfaces are properly dry and free of frost.
- .5 Prepare surfaces in accordance with manufacturer's instructions.

3.03 PRIMER APPLICATION

- .1 Where necessary to prevent staining, mask adjacent surfaces prior to priming and caulking.
- .2 Prime sides of joints in accordance with sealant manufacturer's instructions immediately prior to caulking.

3.04 BACKUP MATERIAL APPLICATION

- .1 Apply bond breaker tape where required in accordance with manufacturer's instructions.
- .2 Install joint filler to achieve correct joint depth and shape, with approximately 30% compression.

3.05 DOSAGE

- .1 Dose components in strict accordance with sealant manufacturer's instructions.

3.06 APPLICATION

- .1 Sealant
 - .1 Apply sealant in accordance with manufacturer's written instructions.
 - .2 Mask edges of joint where irregular surface or sensitive joint border exists to provide neat joints.
 - .3 Apply sealant in continuous bead.
 - .4 Apply sealant using gun with proper size nozzle.
 - .5 Use sufficient pressure to fill voids and joints solid.
 - .6 Form surface of sealant with full bead, smooth, free from ridges, wrinkles, sags, air pockets, embedded impurities.

- .7 Tool exposed surfaces before skinning begins to give slightly concave shape.
- .8 Remove excess compound promptly as work progresses and upon completion.
- .2 Curing
 - .1 Cure sealants in accordance with sealant manufacturer's instructions.
 - .2 Do not cover up sealants until proper curing has taken place.

3.07 CLEANING

- .1 Cleaning during the course of work: execute cleaning work.
 - .1 Leave premises in a clean condition at the end of each workday.
 - .2 Immediately clean all adjacent surfaces.
 - .3 Remove excess and droppings, using recommended cleaners as work progresses.
 - .4 Remove masking tape after initial set of sealant.
- .2 Final cleaning: remove surplus materials, waste, tools and equipment from the site.

3.08 PROTECTION

- .1 Protect installed materials and components from all damage during construction work.
- .2 Repair all damages caused to adjacent work and materials by installation of sealants.

END OF SECTION

1 GENERAL

1.01 RELATED REQUIREMENTS

- .1 Section 06 08 99 - Rough Carpentry for Minor Works
- .2 Section 07 92 00 - Joint Sealants
- .3 Section 08 14 16 - Flush Wood Doors
- .4 Section 08 71 00 - Door Hardware
- .5 Section 09 91 00.08 Painting for Minor Works

1.02 REFERENCES

- .1 ASTM International (ASTM)
 - .1 [ASTM A 653/A 653M-\[06a\]](#), Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process.
 - .2 [ASTM B 29-\[03\]](#), Standard Specification for Refined Lead.
 - .3 [ASTM B 749-\[03\]](#), Standard Specification for Lead and Lead Alloy Strip, Sheet and Plate Products.
- .2 Not applicable
- .3 Canadian General Standards Board (CGSB)
 - .1 [CAN/CGSB-1.181-\[99\]](#), Ready-Mixed Organic Zinc-Rich Coating.
 - .2 [CGSB 41-GP-19Ma-\[84\]](#), Rigid Vinyl Extrusions for Windows and Doors.
- .4 Groupe CSA (CSA)
 - .1 [CSA-G40.20-\[F04\]/G40.21-\[F04\]](#), General Requirements for Rolled or Welded Structural Quality Steel/Structural Quality Steel.
 - .2 [CSA W59-\[F03\]](#), Welded Steel Construction (Metal Arc Welding).
- .5 Canadian Steel Door Manufacturers' Association, (CSDMA)
 - .1 CSDMA, Recommended Specifications for Commercial Steel Doors and Frames, [2000].
 - .2 CSDMA, Selection and Usage Guide for Commercial Steel Doors, [1990].
- .6 National Fire Protection Association (NFPA)
 - .1 [NFPA 80-\[99\]](#), Standard for Fire Doors and Fire Windows.
 - .2 [NFPA 252-\[03\]](#), Standard Methods of Fire Tests of Door Assemblies.
- .7 South Coast Air Quality Management District (SCAQMD), California State
 - .1 SCAQMD Rule 1113-[04], Architectural Coatings.
 - .2 SCAQMD Rule 1168-[05], Adhesives and Sealants Applications.

- .8 Underwriters Laboratories of Canada (ULC)
 - .1 [CAN/ULC-S701-\[01\]](#), Thermal Insulation, Polystyrene, Boards and Pipe Covering.
 - .2 CAN/ULC-S702-[97], Thermal Insulation, Mineral Fibre, for Buildings.
 - .3 [CAN/ULC-S704-\[01\]](#), Thermal Insulation, Polyurethane and Polyisocyanurate Boards, Faced.
 - .4 CAN4-S104-[M80], Fire Tests of Door Assemblies.
 - .5 CAN4-S105M-[M85], Fire Door Frames Meeting the Performance Required by CAN4-S104.

1.03 DESCRIPTION OF WORK

- .1 Design requirements
 - .1 Design exterior frame assembly to accommodate to expansion and contraction when subjected to minimum and maximum surface temperature of -35° Celsius to 35° Celsius.
 - .2 Maximum deflection for exterior steel entrance screens under wind load of 1.2 kPa not to exceed 1/175th of span.
 - .3 Fire resistant rated doors and frames: labelled and listed by an organization accredited by Standards Council of Canada in accordance with CAN4-S104 and NFPA 252 for ratings specified or indicated.
 - .4 Provide fire labelled frame products for those openings requiring fire protection ratings, as scheduled. Test products in strict accordance with CAN4-S104, ASTM E 152 and listed by nationally recognized agency having factory inspection service and constructed as detailed in Follow-Up Service Procedures/Factory Inspection Manuals issued by listing agency to individual manufacturers.

1.04 SUBMITTALS FOR APPROVAL/INFORMATION

- .1 Submit required documents and samples.
- .2 Submit required product data sheets.
- .3 Submit required shop drawings.
 - .1 Shop drawings submitted shall bear the seal and signature of a Professional Engineer, licensed to practice in the Province, Canada.
 - .2 Indicate each type of door, material, steel core thicknesses, mortises, reinforcements, location of exposed fasteners, openings for glazing and louvres, positioning of hardware, fire rating and finishes.
 - .3 Indicate each type frame material, core thickness, reinforcements, glazing stops, location of anchors and exposed fastenings and fire-proofing finishes.
 - .4 Include schedule identifying each unit, with door marks and numbers relating to numbering on drawings and door schedule.

- .5 Submit test and engineering data, and installation instructions.

2 PRODUCTS

2.01 MATERIALS

- .1 Hot dipped galvanized steel sheet: to ASTM A 653M, ZF75, minimum base steel thickness in accordance with CSDMA Table 1 - Thickness for Component Parts.
- .2 Reinforcement: Steel in accordance with CSA G40.20/G40.21, Type 44W, coating designation to ASTM A 653M, ZF75.
- .3 Composite materials: mix of core materials in accordance with the various door manufacturers' proprietary design calculations.

2.02 DOOR CORE MATERIALS

- .1 Honeycomb construction
 - .1 Structural small cell, 24.5mm maximum kraft paper 'honeycomb', weight: 36.3kg per ream minimum, density: 16.5kg/m³ minimum sanded to required thickness.
 - .1 Recycled material content:[_____] % of post-consumer recycled material [_____] % of post-industrial recycled material.
 - .2 Reinforced core: panels adhered to honeycomb constructed core.
 - .1 Fibreglass core: to CAN/ULC-S702, semi-rigid Type [_____] density 24kg/m³.
 - .1 Expanded polystyrene: CAN/ULC-S701, Type [_____] , density 16 to 32kg/m³.
 - .3 Fire resistance rating (Thermal protection rating): core composition to limit temperature rise on unexposed side of door to 250°C at 60 minutes. Core to be tested as part of a complete door assembly, in accordance with CAN4-S104, ASTM E 152, covering Standard Method of Tests of Door Assemblies and listed by nationally recognized testing agency having factory inspection service.

2.03 ADHESIVES

- .1 Honeycomb cores and steel components: heat resistant, spray grade, resin reinforced neoprene/rubber (polychloroprene) based, low viscosity, contact cement.
 - .1 Adhesives: maximum VOC content of 50 g/L in accordance with rule number 1168 du SCAQMD.
- .2 Polystyrene and polyurethane cores: heat resistant, epoxy resin based, low viscosity, contact cement.

- .3 Lock-seam doors: fire resistant, resin reinforced polychloroprene, high viscosity, and sealant/adhesive.

2.04 PRIMER

- .1 Rust-proof touch-up primer in accordance with CAN/CGSB-1.181.
 - .1 Maximum VOC content 50 g/L in accordance with GC-03.

2.05 PAINT

- .1 Field paint steel doors and frames in accordance with Section 09 91 00.08 - Painting for Minor Works. Protect weather strips from paint. Final finish shall be free of scratches or other blemishes.
 - .1 Maximum VOC content 50 g/L in accordance with GS-11.

2.06 ACCESSORIES

- .1 Door silencers: single stud rubber/neoprene type.
- .2 Exterior and interior [top] [bottom] caps: steel.
- .3 Fabricate glazing stops as formed channels, minimum 16 mm height, accurately fitted, butted at corners and fastened to frame sections with counter-sunk oval head sheet metal screws.
- .4 Metallic paste filler: to manufacturer's specifications.
- .5 Fire rating labels: metal riveted.
- .6 Glazing: in accordance with Section 08 80 00 0 Glazing.
- .7 Make provisions for glazing as indicated and provide necessary glazing stops.
 - .1 Provide removable stainless steel glazing beads for [use with glazing tapes and compounds and secured with countersunk stainless steel screws] [dry glazing of snap-on type].
 - .2 Design exterior glazing stops to be tamperproof.

2.07 FRAME CONSTRUCTION - GENERAL

- .1 Fabricate frames in accordance with CSDMA specifications.
- .2 Fabricate frames to profiles and maximum face sizes as indicated.
- .3 Exterior frames: 1.6 mm thick, welded type construction.
- .4 Interior frames: [1.6] [1.2] mm thick, welded type construction.

- .5 Blank, reinforce, drill and tap frames for mortised, templated hardware, [and][electronic hardware] using templates provided by finish hardware supplier. Reinforce frames for surface mounted hardware.
- .6 Protect mortised cut-outs with steel guard boxes.
- .7 Prepare frame for door silencers, 3 for single door, 2 at head for double doors.
- .8 Manufacturer's nameplates on frames and screens are not permitted.
- .9 Conceal fastenings except where exposed fastenings are indicated.
- .10 Provide factory-applied touch up primer at areas where zinc coating has been removed during fabrication.
- .11 Insulate exterior frame components with polyurethane insulation.

2.08 FRAME ANCHORING

- .1 Provide appropriate anchorage to floor and wall construction.
- .2 Locate each wall anchor immediately above or below each hinge reinforcement on hinge jamb and directly opposite on strike jamb.
- .3 Provide 2 anchors for rebate opening heights up to 1520mm and 1 additional anchor for each additional 760mm of height or fraction thereof.
- .4 Locate anchors for frames in existing openings not more than 150mm from top and bottom of each jambs and intermediate at 660mm o.c. maximum.

2.09 WELDED FRAME TYPE

- .1 Welding in accordance with CSA W59.
- .2 Accurately mitre or mechanically assemble frame and securely weld on inside of profile.
- .3 Cope accurately and securely weld butt joints of mullions, transom bars, centre rails and sills.
- .4 Grind welded joints and corners to a flat plane, fill with metallic paste and sand to uniform smooth finish.
- .5 Securely fasten floor anchors to inside of each jamb.
- .6 Weld in two (2) temporary jamb spreaders per frame to maintain proper alignment during shipping.

- .7 Fabricate frame products for openings [_____] in sections, [_____] x [_____] mm, splice joints for field assembly.
- .8 Securely fasten lead liner to inside of frame profile from return to jamb soffit (inclusive) on door side of frame only.

2.10 KNOCK-DOWN FRAME TYPE

- .1 Not applicable.

2.11 SLIDING FRAME TYPE

- .1 Not applicable.

2.12 DOOR FABRICATION - GENERAL

- .1 Doors: swing type, flush, with provision for glass and/or louvre openings as indicated.
- .2 Exterior steel doors: honeycomb construction. Interior doors: honeycomb construction.
- .3 Fabricate doors with longitudinal edges locked seamed, adhesive assisted. Seams shall be visible.
- .4 Doors: manufacturers' proprietary construction tested and/or engineered as part of a fully operable assembly, including door, frame, gasketing and hardware in accordance with ASTM E 330.
- .5 Blank, reinforce, drill and tap doors for mortised, templated hardware and required electronic hardware.
- .6 Factory prepare holes 12.7mm diameter and larger except those to receive mounting and through-bolt holes which shall be field drilled, at time of hardware installation.
- .7 Reinforce doors where required, for surface mounted hardware. Provide flush PVC top caps to exterior doors. Provide inverted, recessed, spot welded channels to top and bottom of interior doors.
- .8 Provide factory-applied touch-up primer at areas where zinc coating has been removed during fabrication.
- .9 Provide fire labelled doors for those openings requiring fire protection ratings, as scheduled. Test such products in strict conformance with CAN4-S104 ASTM E 152 and listed by nationally recognized agency having factory inspection service and construct as detailed in Follow-Up Service Procedures/Factory Inspection Manuals issued by listing agency to individual manufacturers.

- .10 Manufacturer's nameplates on doors are not permitted.

2.13 HONEYCOMB CORE DOORS

- .1 Form each face sheet for exterior doors from [1.6] [1.2] [1.0] mm sheet steel with honeycomb [polystyrene] [polyurethane] core laminated under pressure to face sheets.
- .2 Form each face sheet for interior doors from [1.6] [1.2] [1.0] mm sheet steel with honeycomb [temperature rise rated] core laminated under pressure to face sheets.

2.14 HOLLOW CORE STEEL DOORS

- .1 Not applicable.

2.15 THERMALLY BROKEN DOORS AND FRAMES

- .1 Fabricate thermally broken doors by using insulated core and separating exterior parts from interior parts with continuous interlocking thermal break.
- .2 Thermal break: rigid polyvinylchloride (PVC) extrusion in accordance with CGSB 41-GP-19Ma.
- .3 Fabricate thermally broken frames separating exterior parts from interior parts with continuous interlocking thermal break.
- .4 Doors and frames shall be insulated.

3 EXECUTION

3.01 MANUFACTURERS' INSTRUCTIONS

- .1 Compliance: comply with all manufacturers' written requirements, recommendations and specifications, including all available amendments and technical bulletins, instructions concerning storage and handling, product installation as well as indications on product data sheets.

3.02 INSTALLATION - GENERAL

- .1 Install labelled steel fire rated doors and frames in accordance with NFPA 80 except where specified otherwise.
- .2 Install doors and frames in accordance with CSDMA Installation Guide.

3.03 FRAME INSTALLATION

- .1 Set frames plumb, square, level and at correct elevation.
- .2 Secure anchors and connections to adjacent construction.
- .3 Brace frames rigidly in position while building-in. Install temporary horizontal wood spreader at third points of door opening to maintain frame width. Provide vertical support at centre of head for openings over 1200mm wide. Remove temporary spreaders after frames are built in.
- .4 Make allowances for deflection of structure to ensure structural loads are not transmitted to frames.
- .5 Caulk perimeter of frames [between frame and adjacent material].
- .6 Maintain continuity of [air barrier] [and] [vapour retarder].

3.04 DOOR INSTALLATION

- .1 Install doors and hardware in accordance with hardware templates and manufacturer's instructions and Section 08 71 10 - Door Hardware - General.
- .2 Provide even margins between doors and jambs and doors and finished floor and thresholds as follows:
 - .1 Hinge side: 1.0 mm;
 - .2 Latch side and head: 1.5 mm;
 - .3 Finished floor, [top of carpet] [non-combustible sill] [and thresholds]: 13 mm.
- .3 Adjust moving parts for correct function.

3.05 FINISH REPAIRS

- .1 Touch up with primer finishes damaged during installation.
- .2 Fill exposed frame anchors [and surfaces with imperfections] with metallic paste filler and sand to a uniform smooth finish.

3.06 GLAZING

- .1 Install glazing for doors in accordance with Section 08 80 50 - Glazing.

END OF SECTION

1 GENERAL

1.01 RELATED REQUIREMENTS

- .1 Section 09 92 00 - Metal Doors and Frames
- .2 Section 08 71 00 - Door Hardware
- .3 Section 09 91 00.08 Painting for Minor Works

1.02 REFERENCES

- .1 Architectural Woodwork Manufacturers Association of Canada (AWMAC).
 - .1 Quality Standards for Architectural Woodwork [1998].
- .2 Canadian General Standards Board (CGSB).
 - .1 [CAN/CGSB-71.19-\[M88\]](#), Adhesive, Contact, Sprayable.
 - .2 [CAN/CGSB-71.20-\[M88\]](#), Adhesive, Contact, Brush Applied.
- .3 Groupe CSA (CSA)
 - .1 CSA A440.2-CSA A440.2-[98(R2003)], Energy Performance of Windows and Other Fenestration Systems.
 - .2 [CSA O115-\[M1982\(R2001\)\]](#), Hardwood and Decorative Plywood.
 - .3 [CAN/CSA O132.2-\[F90\(C1998\)\]](#)Series, Flush Wood Doors.
 - .4 [CAN/CSA-O132.5-\[M1992\(R1998\)\]](#), Stile and Rail Wood Doors.
 - .5 [CAN/CSA-Z808-\[F96\]](#), A Sustainable Forest Management System: Guidance Document.
 - .6 CSA, Certification Program for Windows and Doors [2000].
- .4 Environmental Choice Program (ECP).
 - .1 DCC-045-[92], Sealants and Caulking Compounds.
 - .2 DCC-046-[92], Adhesives.
- .5 National Fire Protection Association (NFPA).
 - .1 [NFPA 80-\[1999\]](#), Standard for Fire Doors and Fire Windows.
 - .2 [NFPA 252-\[1999\]](#), Standard Method of Fire Tests of Door Assemblies.
- .6 Underwriters Laboratories of Canada (ULC).
 - .1 CAN4-S104M-[80(C1985)], Fire Tests of Door Assemblies.
 - .2 CAN4-S105-[1985(C1992)], Fire Door Frames Meeting the Performance Required by CAN4-S104.
- .7 Forest Stewardship Council (FSC)
 - .1 FSC-STD-01-001-[2004], FSC Principle and Criteria for Forest Stewardship.

- .8 Sustainable Forestry Initiative (SFI)
 - .1 Standard SFI-[2010-2014].
- .9 Green Seal Environmental Standards (GS)
 - .1 GS-03-[97], Environmental Criteria for Anti-Corrosive Paints.
 - .2 GS-11-[11], Standard for Paints and Coatings.
- .10 South Coast Air Quality Management District (SCAQMD), California State, Regulation XI. Source Specific Standards
 - .1 SCAQMD Rule 1113-[A2011], Architectural Coatings.
 - .2 SCAQMD Rule 1168-[A2005], Adhesives and Sealants Applications.
- .11 California Air Resources Board (CARB) 93120 Airborne Toxic Control Measure

1.03 SUBMITTALS FOR APPROVAL/INFORMATION

- .1 Product Data
 - .1 Submit required manufacturer's printed product literature, specifications and data sheet.
- .2 Shop Drawings
 - .1 Submit required Shop Drawings.
 - .2 Indicate door types and cut-outs for sizes, core construction, transom panel construction and cut-outs for the preceding.

1.04 SAMPLES

- .1 Not applicable.

1.05 QUALITY ASSURANCE

- .1 Requirements of regulatory agencies.
 - .1 Fire resistant rated wood doors: labelled and listed by an organization accredited by Standards Council of Canada.
- .2 Test Reports: submit certified test reports showing compliance with specified performance characteristics and physical properties.
- .3 Certificates: product certificates signed by manufacturer certifying product and materials comply with specified performance criteria and physical properties.

1.06 DELIVERY, STORAGE AND HANDLING

- .1 Storage and Protection of Doors:
 - .1 Protect doors from dampness. Arrange for delivery after work causing abnormal humidity has been completed.
 - .2 Store doors in well ventilated room, off the ground, in accordance with manufacturer's recommendations.

- .3 Protect doors from scratches, handling marks and other damage. Keep wrapped.
- .4 Store doors away from direct sunlight.

2 PRODUCTS

2.01 FLUSH WOOD DOORS

- .1 Solid Core: in accordance with [CAN/CSA-0132.2.1](#).
 - .1 Fabrication
 - .1 Solid particleboard core: 100 mm stile and 57 mm rail frame bonded to particleboard core with central rail of 133 mm, with wood lock blocks, 7-ply construction.
 - .2 Face panels
 - .1 Hardwood; veneer grades: Grade II (Good quality) paintable cherrywood species.
 - .3 Adhesive: type II (water resistant), for interior doors.

2.02 GLAZING

- .1 Glass: in accordance with section 08 80 00 - Glazing.

2.03 FABRICATION

- .1 Vertical edge strips to match face veneer.
- .2 Prepare doors for glazing. Provide hardwood species glazing stops with mitred corners.
- .3 Bevel vertical edges of single acting doors 3mm in 50mm on lock side and 1.5mm in 50mm on hinge side.

3 EXECUTION

3.01 MANUFACTURER'S INSTRUCTIONS

- .1 Compliance: comply with all manufacturers' written requirements, recommendations and specifications, including all available amendments and technical bulletins, instructions concerning storage and handling, product installation as well as indications on product data sheets.

3.02 INSTALLATION

- .1 Unwrap and protect doors in accordance with CAN/CSA-0132.2 Series, Appendix A.
- .2 Install labeled fire rated doors to NFPA 80.

- .3 Install doors and hardware in accordance with manufacturer's printed instructions and CAN/CSA-0132.2 Series, Appendix A.
- .4 Adjust hardware for correct function.
- .5 Install glazing in accordance with Section 08 80 50 - Glazing.
- .6 Install glazing stops.

3.03 DOOR ADJUSTMENT

- .1 Re-adjust doors and hardware just prior to completion of building to function correctly and freely.

3.04 CLEANING

- .1 Cleaning during the course of work: Execute cleaning tasks.
 - .1 Leave the premises in clean condition at the end of each workday.
- .2 Perform cleaning as soon as possible after installation to remove construction and accumulated environmental dirt.
- .3 Remove traces of primer, caulking, clean doors and frames.
- .4 Clean glass and glazing materials with approved non-abrasive cleaner.
- .5 On completion of installation, remove surplus materials, rubbish, tools and equipment and barriers from the site.

FIN DE SECTION

1 GENERAL**1.01 RELATED REQUIREMENTS**

- .1 Section 08 11 00 - Metal Doors and Frames
- .2 Section 08 14 16 - Flush Wood Doors
- .3 Section 28 13 00 - Access Control (engineer)

1.02 NORMES DE RÉFÉRENCE

- .1 American National Standards Institute (ANSI) / Builders Hardware Manufacturers Association (BHMA)
 - .1 ANSI/BHMA A156.1-[2000], American National Standard for Butts and Hinges.
 - .2 ANSI/BHMA A156.2-[2003], Bored and Preassembled Locks and Latches.
 - .3 ANSI/BHMA A156.3-[2001], Exit Devices.
 - .4 ANSI/BHMA A156.4-[2000], Door Controls - Closers.
 - .5 ANSI/BHMA A156.5-[2001], Auxiliary Locks and Associated Products.
 - .6 ANSI/BHMA A156.6-[2005], Architectural Door Trim.
 - .7 ANSI/BHMA A156.8-[2005], Door Controls - Overhead Stops and Holders.
 - .8 ANSI/BHMA A156.10-[1999], Power Operated Pedestrian Doors.
 - .9 ANSI/BHMA A156.12-[2005], Interconnected Locks and Latches.
 - .10 ANSI/BHMA A156.13-[2002], Mortise Locks and Latches Series 1000.
 - .11 ANSI/BHMA A156.14-[2002], Sliding and Folding Door Hardware.
 - .12 ANSI/BHMA A156.15-[2006], Release Devices - Closer Holder, Electromagnetic and Electromechanical.
 - .13 ANSI/BHMA A156.16-[2002], Auxiliary Hardware.
 - .14 ANSI/BHMA A156.17-[2004], Self-closing Hinges and Pivots.
 - .15 ANSI/BHMA A156.18-[2006], Materials and Finishes.
 - .16 ANSI/BHMA A156.19-[2002], Power Assist and Low Energy Power - Operated Doors.
 - .17 ANSI/BHMA A156.20-[2006], Strap and Tee Hinges and Hasps.
- .3 Canadian Steel Door and Frame Manufacturers' Association (CSDMA)/Association canadienne des fabricants de portes d'acier (ACFPA)
 - .1 CSDMA/ACFPA, Recommended Dimensional Standards for Commercial Steel Doors and Frames - 2009.

1.03 SUBMITALLS FOR APPROVAL/INFORMATION

- .1 Product Data
 - .1 Submit required manufacturer's printed product literature, specifications and data sheet for door hardware. Product data shall indicate the product characteristics, performance criteria, sizes, limits and finishes.

- .2 Samples
 - .1 Submit a sample for each type of hardware proposed for review and approval.
 - .2 Once approved, the sample will be returned to the Contractor for incorporation in the work.
 - .3 Label each sample indicating the corresponding specification paragraph, the model number and trademark, the finish and the lot number.
 - .4 Once approved, the sample will be returned to the Contractor for incorporation in the work.
- .3 Hardware List
 - .1 Submit required contract door hardware list.
 - .2 The list shall indicate specified hardware, including make, model, material, function, size, finish and other pertinent information.
- .4 Test Reports: submit test reports certifying that products and materials comply with physical characteristics and performance criteria as specified.
- .5 Manufacturers' Instructions: submit manufacturers' installation instructions.

1.04 CLOSEOUT SUBMITTALS

- .1 Submit required closeout submittals upon completion of work.
- .2 Provide required operation and maintenance data for door hardware for incorporation into Maintenance and Operation manual.

1.05 REPLACEMENT HARDWARE AND PARTS

- .1 Submit spare hardware and parts.
- .1 Provide required replacement and maintenance materials and products upon completion of work.
- .2 Tools
 - .1 Provide two (2) sets of keys/tools required for the maintenance of door closers, locks and accessories for exit doors.

1.06 QUALITY ASSURANCE

- .1 Regulatory Requirements
 - .1 Hardware for doors in fire separations and exit doors certified by a Canadian Certification Organization accredited by Standards Council of Canada.
- .2 Certificates: product certificates signed by manufacturer certifying materials comply with specified performance criteria and required physical characteristics.

1.07 DELIVERY, STORAGE AND HANDLING

- .1 Deliver, store and handle products and materials in accordance with manufacturer's written instructions.
- .2 Delivery and reception: Deliver products and materials to the site in their original packaging, bearing the name and address of the manufacturer.
- .3 Package each item of hardware including fastenings, separately or in like groups of hardware, label each package as to item definition and location.
- .4 Storage and Handling
 - .1 Store door hardware in a manner to protect it from marks, scratches and gouges.
 - .3 Protect finish surfaces using a protective wrapping.
 - .4 Replace damaged products and materials with new products and materials.

2 PRODUCTS**2.01 GENERAL**

- .1 All like articles to be sourced from the manufacturer.

2.02 DOOR HARDWARE

- .1 Locks and latches
 - .1 Bored and pre-assembled cylinder locks and latches in accordance with ANSI/BHMA A156.2, 4000 series, cylinder locks, class 1, as described on Hardware Schedule.
 - .2 Interconnected Locks and latches: in accordance with ANSI/BHMA A156.12, 5000 series, class 1, as described on Hardware Schedule.
 - .3 Mortise Locks and Latches: in accordance with ANSI/BHMA A156.13, 1000 Series, class 1, as described on Hardware Schedule.
 - .4 Handles: SPA type plain model.
 - .5 Rivet Washers: round.
 - .6 Ordinary Strikes: box type, latch tongue flush with jamb.

- .7 Cylinder barrels: supplied by the Department and installed by the Contractor.
IMPORTANT : Contractor shall ensure installation of the correct cylinders in the corresponding doors as identified on Drawings.
- .8 Finish: refer to Door, Frame and Hardware Chart.
- .2 Butts and Hinges
 - .1 Butts and Hinges: in accordance with ANSI/BHMA A156.1, designated by a numerical code preceded by the letter A followed by the indications related to size and finish, and as appears on the Hardware Schedule.
- .3 Exit devices: in accordance with ANSI/BHMA A156.3, type and use: refer to Door, Frame and Hardware Chart, class 1, model and finish: refer to Chart.
- .4 Door closers and accessories
 - .1 Door accessories (door closers) : in accordance with ANSI/BHMA A156.4, designated by a numerical code preceded by the letter C, and as appears on the Hardware Schedule.
 - .2 Door accessories - Door holders affixed to the top of the doors: in accordance with ANSI/BHMA A156.8, designated by a numerical code preceded by the letter C, and as appears on the Hardware Schedule.
 - .3 Release device for door closers and holders: in accordance with ANSI/BHMA A156.15, designated by a numerical code preceded by the letter C, and as appears on the Hardware Schedule.
 - .4 Panel selectors: surface mounted, for double doors with overlapping panels.
- .5 Door operating devices
 - .1 Power operated pedestrian doors: in accordance with ANSI/BHMA A156.10.
 - .2 Power Assist and Low Energy Power - Operated Doors: in accordance with ANSI/BHMA A156.19.
- .6 Decorative (Architectural) door trim: in accordance with ANSI/BHMA A156.6, designated by a numerical code preceded by the letter J, as appears on the Hardware Schedule.
 - .1 Protection plates for doors:
 - .2 Push plates:
 - .3 Push and Pull bars :
- .7 Auxiliary hardware: in accordance with ANSI /BHMA A156.16
 - .1 Door stops and holders.
 - .2 Toggle notch locks.
 - .3 Silencers.

- .8 Door bottom weatherstripping: heavy duty weatherstripping composed of an extruded aluminum frame with closed cell neoprene sealing strip.
- .9 Thresholds: extruded aluminum profiles, factory finished with grooved surface.
- .10 Weatherstripping
 - .1 Jambs and lintels
 - .1 Extruded aluminum frame, with added sealing strip, of closed cell neoprene, clear anodized finish.
 - .2 Neoprene trim with adhesive backing.
 - .2 Door bottoms
 - .1 Extruded aluminum frame, with closed cell neoprene sealing strip, clear anodized finish.
- .11 Panels: extruded aluminum frame, with vinyl insert, finish to match that of the door.
- .14 Pneumatic operating devices for ease of access.
 - .1 Heavy duty pneumatic power-operated door closer, suitable for multiple door operation, with actuator, control box, compressed air supply and related piping.
 - .2 Autonomous combination unit consisting of a control box and a compressor for the separate operation of the wings of two-winged doors.
 - .3 Control box: with relay for electric strike.
 - .4 Operating devices mounted on the appropriate side of the doors to be pulled or pushed, so as to be located inside the room.
 - .5 Actuation of operating devices by means of card readers and motion detectors.
 - .6 Electrical boxes and actuators: single electrical boxes, 51 mm wide x 102 mm height x 50 mm depth, recessed in a wall, locations as indicated; actuators with low-voltage wiring, mounting a 114 mm diameter stainless steel plate, bearing the «handicapped» pictogram, engraved in blue.
 - .7 Main voltage supply to the control boxes with switch mounted near each box.
 - .8 Low voltage wiring connected to each actuator and 6 mm diameter compressed air line connected to each operating device.
 - .9 Control boxes mounted at locations as directed by Departmental Representative.

2.03 MISCELLANEOUS HARDWARE

- .1 "Padlock: refer to chart.

2.04 FASTENERS

- .1 Only fasteners provided by the manufacturer may be used. Failure to comply with this requirement may jeopardize warranties and invalidate the registration labels, where applicable.
- .2 Supply screws, bolts, expansion shields and other fastening devices required for satisfactory installation and operation of hardware.
- .3 Exposed fastening devices to match finish of installed hardware.
- .4 Where a door pull is scheduled on one side of door and a push plate on other side, supply fastening devices, and install so pull can be secured through door from reverse side. Install push plate to conceal fasteners.
- .5 Use fasteners compatible with material through which they pass.

2.05 KEYS

- .1 Provided by the Departmental Representative.

3 EXECUTION

3.01 INSTALLATION

- .1 Manufacturers' instructions: Comply with manufacturer's written requirements, recommendations and specifications, including product technical bulletins, product catalogue, installation instructions found both in manufacturers' catalogues, literature and product packaging, as well as product data sheets.
- .2 Provide manufacturers of doors and metal frames installation templates and complete instructions that will enable them to prepare their products to receive the hardware specified the present Section.
- .3 Provide manufacturer's installation instructions with each item of hardware.
- .4 Install hardware items in standard positions in accordance with requirements of Canadian Metric Guide for Steel Doors and Frames (Modular Construction), developed by the CSDMA.
- .5 Where door stop contacts door pulls, mount stop to strike bottom of pull.

- .6 Install a key control cabinet.
- .7 Use only fastening devices provided by the manufacturer.
 - .1 Quick release fasteners, unless specifically provided by the manufacturer are not acceptable.
- .8 When the Departmental Representative requests it, remove the temporary rotors.
 - .1 Replace the temporary rotors with permanent rotors and check the operation of all locks.

3.02 ADJUSTING

- .1 Adjust and regulate hardware, operating and control devices and door closers so that they operate smoothly, safely and ensure a perfect seal when closed.
- .2 Lubricate hardware, operating and control devices and all related moving parts.
- .3 Adjust door hardware so as to ensure perfect contact between doors and frames.

3.03 CLEANING

- .1 Cleaning during the course of work: carry out cleaning tasks.
 - .1 Leave premises in clean condition at the end of each workday.
 - .2 Clean hardware with damp rag and approved non-abrasive cleaner, and polish hardware in accordance with manufacturer's instructions.
 - .3 Remove protective material from hardware items where present.
 - .4 Final cleaning: Upon completion of installation, remove surplus materials, waste, tools, equipment and barriers from the site.

3.04 DEMONSTRATION

- .1 Maintenance staff briefing
 - .1 Brief maintenance staff regarding:
 - .1 Proper care, cleaning, and general maintenance of all hardware items.
 - .2 Description, use, handling, and storage of keys.
 - .3 Use, application and storage of wrenches for door closers locksets and fire exit hardware.
- .2 Demonstrate operation, operating components, adjustment features, and lubrication requirements.

3.05 PROTECTION

- .1 Protect installed products and components against damage during construction.
- .2 Repair damage to adjacent materials and equipment caused by the installation of door hardware.

3.06 HARDWARE SCHEDULE

- .1 Refer to Frame, Door and Hardware Schedule.
- .2 In the schedule, the term "MPO" is used to designate the Departmental Representative.

END OF SECTION

Pos.	#porte MPO	Local	Description	QTE.	Quincaillerie
PHASE 1					
All required lock cylinders shall be provided by the Departmental Representative designated as "MPO" in the following schedule.					
The lock cylinders shall be installed by the Contractor; make sure to install the correct lock cylinder for corresponding door identified on the drawings					
E10	A-501-2	A-501	Main Door (left on the exterior) Existing double door 2X34"X111" glazed, with aluminum frame This exterior door is equipped with a double door-opener to be salvaged and installed on the neighbouring door A-501-1 including the tubular supports for opening plates and signage		
			Replace cylinder on panic bar with cylinder provided by MPO	1	
			Provide two (2) new door-closers as the existing door-closers A501-1 are at the end of their useful life.	2	LCN4040 HO
			Provide two (2) door contacts - Engineer		
			Install a sign provided by MPO indicating "USE OTHER DOOR"		
			Provide for drilling and patching the aluminum frame		
E11	A-501-1	A-501	Main Door (right on the exterior) Existing double door 2X34"X111" glazed, with aluminum frame This exterior door to be equipped with door-opener salvaged from neighbouring door A-501-2 including the tubular supports for opening plates and access signage		
			Replace existing panic bar with an identical panic bar but with a cylinder to activate 'dogging' function	1	E-3P16 countersunk stem 8600
			Install cylinder provided by MPO on panic bar	1	
			Provide for card reader to be installed on the exterior side on the tubular aluminum support- Engineer		
			Provide two (2) door contacts- Engineer		
			Provide trenching and patching on gypsum and aluminum frames		
E12	A-501-4	A-501	Main Door (left on the interior) Existing double door 2X34"X111" glazed, with aluminum frame This exterior door is equipped with a double door-opener to be salvaged and installed on the neighbouring door A-501-3 including the tubular supports for opening plates and signage		
			Provide two (2) new door-closers as the existing door-closers A501-3 are at the end of their useful life.	2	LCN4040 HO
			Provide two (2) door contacts- Engineer		
			Provide trenching and patching on gypsum head		
E13	A-501-3	A-501	Main Door (right on the interior) Existing double door 2X34"X111" glazed, with aluminum frame This exterior door to be equipped with door-opener salvaged from neighbouring door A-501-4 including the tubular supports for opening plates and access signage		
			Provide two (2) door contacts- Engineer		
E14	A-531-1	A-531	Exterior door (cafeteria) Existing double door 2X29"X84" glazed with aluminum frame This double door is used to pass between exterior and interior. Access control is required for persons going to or returning from the exterior		
			Two (2) delay solenoids 3-15 shall be installed and connected to the card readers and fire alarm system	2	M490DEP 628 SCE
			Install cylinders provided by MPO on panic bar	2	
			Provide card readers both on the interior and exterior - Engineer		
			Provide two (2) door contacts- Engineer		
			Provide drilling, trenching and patching on gypsum and aluminum frames		
E15	A-529A-1	A-529A	Exterior door (stairways AE-4 and A-E5) Existing double door 2X29"X84" glazed with aluminum frame		

			This double exit door shall be monitored by new door contacts		
			Panic lock type does not allow for monitoring of bolts or stems		
			Two (2) delay solenoids 3-15 shall be installed on doors with a by-pass switch on the interior side	2	MA90DEP 628 SCE
			Install cylinders provided by MPO on lock	1	6531415 LZ 630 SCE
			Install cylinder provided by MPO on switch	1	
			Provide two (2) door contacts- Engineer		
			Provide drilling, trenching and patching on gypsum and aluminum frames		
E16	A-581-1	A-581	Exterior door (corridor A-581)		
			Existing door 36"X84" glazed with aluminum frame		
			This single door shall be monitored by the new door contact.		
			Panic lock type does not allow for monitoring of bolts or stems		
			Two (2) delay solenoids 3-15 shall be installed on doors with a keyed by-pass switch, wall mounted on the interior side	1	MA90DEP 628 SCE
			Install cylinders provided by MPO on lock	1	6531415 LZ 630 SCE
			Install cylinder provided by MPO on switch	1	
			Provide door contact - Engineer		
			Provide interior and exterior card readers - Engineer		
			Provide drilling, trenching and patching on gypsum and aluminum frames		
			Provide drilling, trenching and patching on concrete block wall for card reader		
E17	A-571-1	A-571	Existing Roll-up door		
			Provide door contact - Engineer		
			Electrical conduit install on concrete block wall		
E17.1	A-571-2	A-571	Exterior door (shipping/receiving)		
			Existing door 36"X84" unglazed with aluminum frame		
			Replace upper door panel ±27"X27" with tempered double glazed reflective glass		
			This single door shall be monitored by the new door contact.		
			Panic lock type does not allow for monitoring of bolts		
			One (1) delay solenoid 3-15 shall be installed on door with a keyed by-pass switch	1	MA90DEP 628 SCE
			Replace cylinder with lock cylinder provided by MPO	1	6531415 LZ 630 SCE
			Install cylinder provided by MPO on switch	1	
			Provide door contact - Engineer		
			Provide exterior card readers - Engineer		
			Provide RX exit request from interior - Engineer		
			Conduits and equipment surface mounted on concrete block		
			Provide doorbell on masonry wall-Engineer		
			Provide drilling in concrete brick wall for exterior card reader		
E17.2	A-571-3	A-571	Existing Roll-up door		
			Provide door contact - Engineer		
			Electrical conduit install on concrete block wall		
E17.3	A-571-4	A-571	Exterior door (shipping/receiving)		
			Existing aluminum door 36"X84" unglazed with aluminum frame		
			This single door shall be monitored by the new door contact.		
			Panic lock type does not allow for monitoring of bolts		
			One (1) delay solenoid 3-15 shall be installed on door with a keyed by-pass switch	1	M490DEP 628-SCE
			Replace cylinder with lock cylinder provided by MPO	1	6531415 LZ 630 SCE
			Provide door contact - Engineer		
			Provide RX exit request from interior - Engineer		
			Conduits and equipment surface mounted on concrete block		
			Install cylinder provided by MPO on switch	1	
E18	A-557-1	A-557	Exterior door (corridor A-514)		
			Existing double door 2X29"X84" glazed with aluminum frame		
			This double exit door shall be monitored by the new door contacts		
			Panic lock type does not allow for monitoring of bolts or stems		

			Two (2) delay solenoids 3-15 shall be installed on door with a keyed	2	M490DEP 628 SCE
			by-pass switch on the interior side	1	6531415 LZ 630 SCE
			Replace cylinder with lock cylinder provided by MPO	1	
			Provide two (2) door contacts - Engineer		
			Provide RX exit request from interior - Engineer		
			Provide trenching and patching on the ceiling gypsum board		
			Install cylinder provided by MPO on switch	1	
E19	A-AM1-1	AM-1	Exterior door (mechanical room)		
			Existing aluminum door 36"X84" unglazed with aluminum frame		
			This single door shall be monitored by new door contact		
			Panic lock type does not allow for monitoring of bolts		
			One (1) delay solenoids 3-15 shall be installed on door with a keyed	1	M490DEP 628 SCE
			by-pass switch	1	6531415 LZ 630 SCE
			Replace cylinder with lock cylinder provided by MPO	1	
			Provide door contact - Engineer		
			Provide RX exit request from interior - Engineer		
			Provide trenching and patching on gypsum wallboard		
			Install cylinder provided by MPO on switch	1	
E19.1	A-AM1-2	AM-1	Existing Roll-up door		
			Provide door contact - Engineer		
			Electrical conduit install on concrete block wall		
100	A-E2-1	AE-2	Stairwell (level 5)		
			Existing door 35"X82" with ULC rated steel frame		
			Replace existing cylinder lock storeroom function with lever lock (SPA)		
			having exit function only	1	SPA-ND25D-626
			Provide door contact - Engineer		
			Provide trenching and patching on gypsum wallboard		
			Replace cylinder with lock cylinder provided by MPO	1	
101	A-TT-1	A-545	Existing roof hatch		
			Replace existing padlock with cylindered padlock	1	PL330-50
			Replace padlock cylinder with lock cylinder provided by MPO	1	
102	A-545-1	A-545	Cloakroom		
			Existing wood door 35"X82" with steel frame		
			Remove push plate and pull handle		
			Remove mortise type deadbolt lock		
			Replace wood door with new steel door 35"X82"		
			Install levered lock (SPA) storeroom function	1	SPA-ND80PD-626
			Install cylinder provided by MPO	1	
			Provide electric strike with bolt detector	1	4212-12VDC-FSE
			Provide door-closer	1	LCN4040
			Provide card reader - Engineer		
			Provide RX exit request above door - Engineer		
			Provide door contact - Engineer		
			Provide trenching and patching on gypsum wallboard		
			Provide patching of wood door and steel frame		
			Provide cutting of steel frame to accommodate strike		
102 A	A-545A-1	A-545A	Infirmery		
			Existing wood door 35"X82" with steel frame		
			Existing lock		
			Replace cylinder with lock cylinder provided by MPO	1	
102 B	A-545B-1	A-545B	Washroom - infirmery		
			Existing wood door 35"X82" with steel frame		
			Existing lock		
			Replace cylinder with lock cylinder provided by MPO	1	
103	A-554-1	A-554	Conference room		
			Existing wood door 35"X82" with steel frame		
			Existing angular levered lock office function		
			Replace cylinder with lock cylinder provided by MPO	1	

104	A-553-1	A-553	MPO room		
			Existing wood door 35"X82" with steel frame		
			Existing angular levered lock office function to be replaced with levered lock (SPA) storeroom function	1	SPA-ND 80PD-626
			Replace cylinder with lock cylinder provided by MPO	1	
			Provide electric strike with bolt detector	1	4212-12VDC-FSE
			Provide door-closer	1	LCN4040
			Provide card reader - Engineer		
			Provide trenching and patching on gypsum wallboard		
			Provide patching of wood door and steel frame		
			Provide cutting of steel frame to accommodate strike		
105	A-549-1	A-549	Maintenance room		
			Existing wood door 35"X82" with steel frame		
			Existing button lock storeroom function		
			Replace cylinder with lock cylinder provided by MPO	1	
106.1	A-E1-1	AE-1	Stairway AE-1		
			Existing wood door 36"X82" with steel frame		
			Existing surface mounted panic bar		
			Replace cylinder with lock cylinder provided by MPO	1	
			Existing electric strike		
			Existing door-opener		
			Provide card reader - see Engineer		
			Provide trenching and patching on gypsum wallboard		
106	A-553-2	A-553	MPO Room		
			Existing wood door 35"X82" with steel frame		
			Existing angular levered lock, office function		
			Replace cylinder with lock cylinder provided by MPO	1	
107	A-553A-1	A-553A	MPO room (office)		
			Existing wood door 35"X82" with steel frame		
			Existing angular levered lock, office function		
			Replace cylinder with lock cylinder provided by MPO	1	
108	A-534-2	A-534	Kitchen		
			Existing sliding grill lockable door		
			Replace the 4 lock cylinders with those provided by MPO	4	
109	A-534-3	A-534	Kitchen		
			Existing sliding grill lockable door		
			Replace the 5 lock cylinders with those provided by MPO	5	
110	A-534-1	A-534	Kitchen		
			Existing double wood doors 14" and 36"X82" with steel frame		
			Existing button type lock, office function		
			Replace cylinder with lock cylinder provided by MPO	1	
111	A-534-4	A-534	Kitchen office		
			Existing wood door 35"X82" with steel frame		
			Existing button type lock, office function		
			Replace cylinder with lock cylinder provided by MPO	1	
111.1	A-536	A-536	Kitchen storeroom		
			Refrigerator door		
112	A-529A-2	A-529A	Exit via stairway landings 4 and 5		
			Existing double door 2X29"X82" with steel frame ULC rated		
			Existing panic bolt lock on active door and panic pin lock on passive door		
			Replace cylinder with lock cylinder provided by MPO	2	
			The panic lock does not allow monitoring of the bolts or pins		
			Two (2) delay solenoids 3-15 shall be installed on door with a keyed by-pass switch installed on the corridor side	2	M490DEP 628 SCE
			Install cylinders provided by MPO on switch	1	6531415 LZ 630 SCE

			Provide two (2) door contacts - Engineer		
			Provide trenching and patching on gypsum wallboard		
113	A-507-2	A-507	Corridor		
			Existing panic lock on both doors with coordonnator for double door	1	4212-12-VDC FS
			Replace cylinder with lock cylinder provided by MPO on both door	2	
			Two (2) existing door-closers		
			Provide two (2) delay solenoids 3-15 installed on doors et connected to card reader, to exit request and to five alarm system.	1	M490-DEO628-SCE
			Provide exit request detector install on the side of A507 - Engineer		
			Existing card reader		
			Two (2) existing door contacts		
114	A-537-1	A-537	Kitchen stockroom		
			Existing double wood doors 2X35"X82" with steel frame		
			Replace existing doors with solid wood doors 2X35"X82"		
			Salvage the six (6) existing hinges		
			Replace the two (2) panic locks with a curved levered lock, storeroom function	1	SPA-ND80PD-626
			Install cylinder provided by MPO	1	
			and two (2) countersunk latches on passive door	2	3917-300 626
			Replace existing door-closers and install them on the room side as opposed to the corridor side	2	LCN1460-DEL
			Provide a continuous astragal on active door	1	A3
			Provide door coordinator	1	3093-PL-TRIMCO
			Provide two (2) door contacts - see Engineer		
115	A-537A-1	A-537A	Kitchen stockroom		
			Existing wood door 35"X82" with steel frame		
			Existing button type lock, office function		
			Replace cylinder with lock cylinder provided by MPO	1	
116	A-539-1	A-539	Videoconference room		
			Existing wood door 35"X82" with steel frame		
			Replace existing button type lock, office function with levered lock , storeroom function	1	SPA-ND80PD-626
			Install cylinder provided by MPO	1	
			Provide door-closer	1	LCN1460-DEL
			Provide electric strike with bolt detector	1	4212-12VDC-FS
			Provide card reader - Engineer		
			Provide RX exit request - Engineer		
			Provide door contact - Engineer		
			Provide trenching and patching on gypsum wallboard		
			Provide cutting steel frame to accommodate the strike		
117A	A-540-5	A-540	Auditorium		
			Existing wood door 35"X82" with steel frame		
			Angular lever lock, classroom function		
			Replace cylinder with cylinder provided by MPO	1	
			Provide door contact - Engineer		
			Provide trending and patching on gypsum wallboard		
118	A-540-4	A-540	Auditorium		
			Existing wood door 35"X82" with steel frame		
			Angular lever lock, classroom function		
			Replace cylinder with cylinder provided by MPO	1	
			Provide door contact - Engineer		
			Provide trending and patching on gypsum wallboard		
119	A-540-3	A-540	Auditorium		
			Existing double wood doors 2X35"X82" with steel frame		
			Mortise deadlock with DL turnstile		
			Replace cylinder with cylinder provided by MPO	1	
			Provide door contact - Engineer		
			Provide trending and patching on gypsum wallboard		
120	A-541-1	A-541	Auditorium projection room		
			Existing wood door 29"X77" with steel frame		
			Existing angular lever lock, office function		

121	A-540-2	A-540	Auditorium		
			Existing double wood doors 2X35"X82" with steel frame		
			Existing mortise deadlock with DL turnstile		
			Replace cylinder with cylinder provided by MPO	1	
			Provide door contact - Engineer		
			Provide trending and patching on gypsum wallboard		
122	A-540-1	A-540	Auditorium		
			Existing wood door 35"X82" with steel frame		
			Existing angular lever lock, classroom function		
			Replace cylinder with cylinder provided by MPO	1	
			Provide door contact - Engineer		
			Provide trending and patching on gypsum wallboard		
125	A-558-1	A-558	Telecommunications room		
			Existing double wood doors 2X20"X82" with steel frame		
			Existing button type DL lock, storeroom function		
			Replace cylinder with cylinder provided by MPO	1	
			Provide door contact - Engineer		
			Provide trenching and patching in gypsum wallboard		
126	A-507-1	A-507	Corridor A506 to area A507		
			Existing steel 36"X84" door and frame ULC rated with armoured glazing and 24" side window.		
			Electrical existing panic lock QEL9847LBE-F626 to be connected-Engineer		
			Provide recessed current conductor; door frame and door edge are already prepared	1	EPT10-24
			Existing door opener and opening plate on both side : to be connected - Engineer		
			Existing card read : to be connected Engineer		
			Existing door contact : to be connected Engineer		
			Replace cylinder with cylinder provided by MPO	1	
128	A-515-1	A-515	Computer server room		
			Existing steel 35"X82" door and frame ULC rated with armoured glazing		
			Replace existing lock, office function with lever lock (SPA), storeroom function	1	SPA-ND80PD-626
			Install lock cylinder provided by MPO	1	
			Replace existing FOLGER ADAMS (FA310) electric strike that has no bolt detector with an electric strike having a bolt detector	1	6222DS-12VDC-FS
			Replace existing card reader - Engineer		
			Replace existing door contacts - Engineer		
129	A-515-2	A-515	Computer server room		
			Existing double 2X35"X82" steel doors and frame		
			Existing mortise deadbolt type lock and latches on passive door		
			Replace cylinder with cylinder provided by MPO	1	
			Provide two (2) electro-magnets	2	M490DEP 628 SCE
			Provide trenching and patching on gypsum wallboard		
130	A-517-1	A-517	Computer server room		
			Existing double 17" and 36"X84" aluminum doors and frames		
			Existing panic lock with pull handle		
			Replace cylinder with cylinder provided by MPO	1	
			Existing door closers		
			Existing electric strike on passive door with surface current conductors		
131	A-517-2	A-517	Computer server room		
			Existing double 17" et 36"X84" aluminum doors and frame		
			Existing panic lock with pull handle		
			Replace cylinder with cylinder provided by MPO	1	
			Existing door closers with 'hold open' function		
			Existing electric strike on passive door with surface current conductors		
			Existing card reader to be replaced with new card reader - Engineer		

132	A-565-1	A-565	Computer server room		
			Existing 36"X84" steel door and frame		
			Provide automatic door bottom	1	5041
			Provide a set of sound insulators	1	CF-12
			Existing curved lever lock, storeroom function		
			Replace cylinder with cylinder provided by MPO	1	
			Existing electric strike to be replaced with bolt detecting electric strike		
			bolt detecting electric strike		4212-12VDC-FS
			Existing door closer		
			Provide RX exit request - Engineer		
			Provide door contact- Engineer		
			Existing card reader - Engineer		
			Provide trenching and patching on gypsum wallboard		
132.1	A-565-2	A-565	Computer server room		
			Existing steel roll-up door (75"LX102"H)		
			Provide door contact- Engineer		
			Provide bolt contact - Engineer		
			The door is equipped with manual latches located at the door bottom		
			Provide trenching and patching on gypsum wallboard		
133	A-522-1	A-522	Archives		
			Existing double 2X35"X82" steel doors and frame ULC rated		
			Existing curved lever lock on passive door		
			(SPA) storeroom function		
			Replace cylinder with cylinder provided by MPO	1	
			Existing latch on passive door		
			Existing "Folger Adams" electric strike on passive door to be replaced		
			with a bolt detecting electric strike	1	4212-12VDC-FS
			Replace existing poor current conductor with new conductor	1	EPT10-24
			Provide trenching and patching in gypsum board wall		
			Replace existing card reader - Engineer		
			Provide RX exit request device above the door - Engineer		
			Provide two (2) door contacts - Engineer		
			This door is equipped with the magnetic door holder on the floor for		
			of the active door only		
			Provide trenching and patching on gypsum wallboard		
134	A-580-1	A-580	Presentation area		
			Existing 36"X84" wood door with glazing and steel frame		
			Replace lever lock, classroom function with lever lock (SPA),		
			storeroom function	1	SPA-ND/OPD-626
			Install cylinder with cylinder provided by MPO	1	
			Provide electric strike with bolt detection	1	4212-12VDC-FS
			Provide cutting of steel frame to accommodate the strike		
			Provide door-closer	1	LCN4040
			Provide card reader - Engineer		
			Provide RX exit request device above the door - Engineer		
			Provide door contact - Engineer		
			Provide trenching and patching on gypsum wallboard		
135	A-579-1	A-579	Training room		
			Existing 36"X84" wood door with glazing and steel frame		
			Replace lever lock, classroom function with lever lock (SPA),		
			storeroom function	1	SPA-ND/OPD-626
			Install cylinder with cylinder provided by MPO	1	
			Provide electric strike with bolt detection	1	4212-12VDC-FS
			Provide cutting of steel frame to accommodate the strike		
			Provide door-closer	1	LCN4040
			Provide card reader - Engineer		
			Provide RX exit request device above the door - Engineer		
			Provide door contact - Engineer		
			Provide trenching and patching on gypsum wallboard		
136	A-581-2	A-581	Corridor		
			Existing inverted double wood doors 2X±34"X±82" with glazing		

			and steel frame		
			Existing panic locks with electric 3-15 solenoids for automatic retraction of bolt upon activation of door opener		
			Existing double door opener with wall-mounted push-button operators located on both sides of the doors		
			Replace push-button activators with card reader activation on the side of A-583 - Engineer		
			Provide yellow/black striped strip on the upper frame over both sides of the doors		
137	A-575-1	A-575	Locker room - Women		
			Existing wood door 36"X84" glazed, with steel frame		
			Existing lever lock, classroom function		
			Install cylinder provided by MPO	1	
138	A-574-1	A-574	Locker room - Men		
			Existing wood door 36"X84" glazed, with steel frame		
			Existing lever lock, classroom function		
			Install cylinder provided by MPO	1	
139	A-582-1	A-582	Conference room		
			Existing wood door 36"X84" glazed, with steel frame		
			Existing curved lever lock, classroom function		
			Install cylinder provided by MPO	1	
			Existing door closer		
			Provide door contact - Engineer		
			Provide trenching and patching on gypsum wallboard		
140	A-582A-1	A-582A	Conference room		
			Existing wood door 36"X84" glazed, with steel frame		
			Existing curved lever lock, classroom function		
			Install cylinder provided by MPO	1	
			Existing door closer		
			Provide door contact - Engineer		
			Provide trenching and patching on gypsum board wall		
141	A-526-1	A-526	Mechanical/Electrical room entry		
			Existing double steel door and frame 2X35"X82" ULC rated		
			Existing button type lock, storeroom function		
			Replace cylinder with cylinder provided by MPO	1	
142	A-573-1	A-573	Exercise room		
			Existing wood door 36 X 84 with glazing and steel frame		
			Existing curved lever lock, classroom function		
			Install cylinder provided by MPO	1	
143	A-571-5	A-571	Shipping and Receiving		
			Replace existing double steel door and frame 2X36"X84" ULC 1,5 hrs		
			Provide double adjustable door bottom with fire resistant rating of 100A-626	1	
			Existing deadlock type lock (not compliant)		
			Provide electrified panic lock with high shaft only on each door	2	EL9847-EO-F-WDC-626
			Provide two (2) current conductors	2	EPT10-24
			Install cylinder provided by MPO on each lock	2	
			Existing salvaged door opener to be reinstalled with presence detector located on the side of room A-571		
			Provide card reader on corridor side - Engineer		
			Provide two (2) actuator buttons ; one in room A-571 and the other in room A572 - Engineer		
			Provide trenching and patching on gypsum wallboard		
144	A-572-1	A-572	Office		
			Existing wood door 35"X82" with steel frame		
			Existing button type lock, office function		
			Replace cylinder with cylinder provided by MPO	1	
145	A-567-2	A-567	CAI Warehouse		

			Existing double steel door and frame 2X36"X84" ULC rated 1,5 hrs		
			Replace existing curved lever lock, classroom function		
			with lever lock (SPA) hallway function	1	SPA ND105-626
			Provide two (2) deadlock, one with the key on the A567 side and the other		
			on the A-571 side of the active door	2	B864P
			Install two (2) cylinders provided by MPO	2	
			Provide one (1) wall mounted magnetic door holder	1	SEM7840 24V-689
			Provide trenching and patching on gypsum wallboard		
146	A-564A-1	A-564A	Storeroom (mailroom)		
			Existing wood door 36"X84" with steel frame		
			Replace existing lever lock, classroom function with		
			lever lock (SPA) storeroom function	1	SPA-ND80DD
			Install cylinder provided by MPO	1	
147	A564-1	A-564	Mail cubicle		
			Existing wood door 36 X 84 with steel frame		
			Replace existing lever lock, classroom function with		
			lever lock (SPA) storeroom function	1	SPA-ND80PD
			Install cylinder provided by MPO	1	
			Provide a wall mounted doorbell - Engineer		
148	A-567-1	A-567	CAI Warehouse		
			Existing double door 18" et 36"X84" was modified during renovation		
			work		
			Existing curved lever lock, storeroom function		
			Replace cylinder with cylinder provided by PMO	1	
			Condition of door modified in 2019 to be confirmed		
149	A-566-1	A-566	CSTI		
			Existing double wood doors 35"et 17"X82" with steel frame		
			Existing button type lock, office function		
			Replace cylinder with cylinder provided by PMO	1	
			Provide two (2) door contacts - Engineer		
			Provide card reader - Engineer		
			Provide trenching and patching on gypsum wallboard		
150	A-513-1	A-513	Meeting room		
			Existing wood door 35"X82" with steel frame		
			Replace existing button type lock, office function with		
			lever lock, classroom function	1	SPA ND70 PD-626
			Replace cylinder with cylinder provided by PMO	1	
151	A-512-1	A-512	Meeting room		
			Existing wood door 35"X82" with steel frame		
			Replace existing button type lock, office function with		
			lever lock, classroom function	1	SPA ND70PD-626
			Replace cylinder with cylinder provided by PMO	1	
152	A-511-1	A-511	Meeting room		
			Existing wood door 35"X82" with steel frame		
			Replace existing button type lock, office function with		
			lever lock, classroom function	1	SPA ND70PD-626
			Replace cylinder with cylinder provided by PMO	1	
153	A-505-1	A-505	Conference room		
			Existing wood door 35"X82" with steel frame, laterally glazed		
			Existing angular level lock, office function to be replaced with		
			level lock (SPA) storeroom function		SPA-ND80PD-626
			Install cylinder provided by MPO	1	
			Provide electric strike with bolt detection		4212-12VDC FSE
			Provide cutting of frame on façade to accommodate strike		
			Provide door closer	1	LCN1460 DEL
			Provide card reader - Engineer		
			Provide exit request device above door - Engineer		
			Provide door contact - Engineer		
			Provide trenching and patching on gypsum wallboard		

154	A-504-1	A-504	Conference room		
			Existing wood door 35"X82" with steel frame, laterally glazed		
			Existing angular level lock, office function to be replaced with level lock (SPA) storeroom function		SPA-ND80PD-626
			Install cylinder provided by MPO	1	
			Provide electric strike with bolt detection		4212-12VDC FSE
			Provide cutting of frame on façade to accommodate strike		
			Provide door closer		LCN1460 DEL
			Provide card reader - Engineer		
			Provide exit request device above door - Engineer		
			Provide door contact - Engineer		
			Provide trenching and patching on gypsum wallboard		
155	A-502-1	A-502	Conference room		
			Existing wood door 35"X82" with steel frame, laterally glazed		
			Existing angular level lock, office function to be replaced with level lock (SPA) storeroom function		SPA-ND80PD-626
			Install cylinder provided by MPO	1	
			Provide electric strike with bolt detection		4212-12VDC FSE
			Provide cutting of frame on façade to accommodate strike		
			Provide door closer		LCN1460 DEL
			Provide card reader - Engineer		
			Provide exit request device above door - Engineer		
			Provide door contact - Engineer		
			Provide trenching and patching on gypsum wallboard		
156	A-502-2	A-502	Conference room		
			Existing wood door 35"X82" with steel frame, laterally glazed		
			Replace existing lock with single knob lock on side of room A-502	1	JUP AL25D
			Provide door closer	1	LCN1460
			Provide door contact - Engineer		
			Provide trenching and patching on gypsum wallboard		
157	A-E5-1	AE5	Stairway (level 6)		
			The existing door was relocated during 6th floor renovation work to be validated by survey		
			Existing steel door 35"X82" and frame ULC rated		
			Existing angular level lock, hallway function		
			Existing door closer		
158	A-606-1	A-606	Office		
			Existing wood door 35"X82" with steel frame		
			Existing button type lock, office function		
			Replace cylinder with cylinder provided by PMO	1	
159	A-607-1	A-607	Office		
			Existing wood door 35"X82" with steel frame		
			Existing button type lock, office function		
			Replace cylinder with cylinder provided by PMO	1	
160	A-608-1	A-608	Office		
			Existing wood door 35"X82" with steel frame		
			Existing button type lock, office function		
			Replace cylinder with cylinder provided by PMO	1	
161	A-609-1	A-609	Office		
			Existing wood door 35"X82" with steel frame		
			Existing button type lock, office function		
			Replace cylinder with cylinder provided by PMO	1	
162	A-610-1	A-610	Office		
			Existing wood door 35"X82" with steel frame		
			Existing button type lock, office function		
			Replace cylinder with cylinder provided by PMO	1	

163	A-611-1	A-611	This room is an open space without a door		
164	A-612-1	A-612	Office Existing wood door 35"X82" with steel frame Existing button type lock, office function Replace cylinder with cylinder provided by PMO	1	
165	A-626-1	A-626	Telecommunications Existing double wood door 2 X19"X82" with steel frame Existing button type lock, storeroom function on passive door and latch on passive door Replace cylinder with cylinder provided by PMO	1	
166	A-604-1	A-604	Janitor Existing double wood door 2 X24"X82" with steel frame Existing button type lock, storeroom function on passive door and latch on passive door Replace cylinder with cylinder provided by PMO	1	
167	A-614-1	A-614	Men's washroom Existing wood door 35"X82" with steel frame Existing deadlock Replace cylinder with cylinder provided by PMO	1	
168	A-615-1	A-615	Women's Washroom Existing wood door 35"X82" with steel frame Existing deadlock Replace cylinder with cylinder provided by PMO	1	
169	A-616-1	A-616	Office Existing wood door 35"X82" with steel frame Existing button type lock, office function Replace cylinder with cylinder provided by PMO	1	
170	A-617-1	A-617	Archives Existing wood door 35"X82" with steel frame Existing button type lock, storeroom function Replace cylinder with cylinder provided by PMO	1	
171	A-TT-2	A-6	Roof hatch Replace existing padlock with cylindered padlock Install cylinder provided by MPO in padlock	1 1	PL330-50
172	A-AM5-1	AM-5	Mechanical room Existing double steel doors 2X35"X82" and frame ULC rated Existing button type lock, storeroom function on active door ; two (2) countersunk latches on passive door Replace cylinder with cylinder provided by PMO	1	
173	A-AM4-1	AM-4	Elevator mechanical room Existing steel door 35"X82" and frame ULC rated Existing button type lock, storeroom function Replace cylinder with cylinder provided by PMO Existing door closer	1	
174	A-AM3-1	AM-3	Electrical room Existing steel door 35"X82" and frame ULC rated Existing button type lock, storeroom function Replace cylinder with cylinder provided by PMO Existing door closer	1	
175	A-AM2-1	AM-2	Electrical room Existing steel door 35"X82" and frame ULC rated Existing button type lock, storeroom function Replace cylinder with cylinder provided by PMO Existing door closer	1	

176	A-E4-1		Stairway #4		
			Existing steel door 35"X82" and frame ULC rated		
			Existing angular lever lock, storeroom function		
			Replace cylinder with cylinder provided by PMO	1	
			Existing door closer		
177	B-500-1	B-500	Walkway access to B wing		
			Existing double glass door 2x36"x94" with steel frame ULC rated		
			This double shall be equipped with a door opener as it is located in an obstacle free pathway and at the entrance to a "quasi"-suite greater than 500 sq. m.		
			Double door-opener device shall be recess mounted on gypsum board above the doors.	1	Swingmaster 900
			Existing angular lever lock on the active door, classroom function to be replaced by an electrified panic lock		
			equipped with an RX exit request device, the lock shall activate the door opener	1	EL 9847EO-F-WDC-626
			The passive door is equipped with an automatic latch that releases with opening of the active door.		
			Also replace the panic lock equipped with an exit request and only high shaft	1	EL 9847E0-F-WDL-626
			Provide current conductors for each door	1	EPT10-24
			Install cylinder provided by MPO for each lock	2	
			Provide card reader on the walkway side only - Engineer		
			Provide handicapped activation button on the hallway side of B wing		
			Provide two (2) door contacts - Engineer		
			Provide trenching and patching on gypsum wallboard and ceiling		
			Provide drilling in each door		
191	B-500-2	B-500	Walkway access to B wing		
			Existing double glass door 2x36"x94" with steel frame ULC rated		
			This double door shall be equipped with electro magnetic 3-5 solenoids that will limit access except in emergency situations (fire-alarm) or by way of the card reader	2	
			The existing countersunk lock and latch are to be kept on both the active and passive doors.		
			Replace cylinder with cylinder provided by MPO	2	
			Provide card readers on both sides of the door to deactivate electro magnets momentarily and allow door to open - Engineer		
			Provide two (2) door contacts - Engineer		
			Provide trenching and patching on gypsum wallboard and ceiling		

ANNEX 2

ADDENDUM ME-01

Owner : Fisheries and Oceans Canada **N/Réf. :** 19G0150-001
Security Level 2 – Phase 1 (Wing A) - Upgrading Access Control
Project : Maurice-Lamontagne Institute

Distribution :

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Mrs Christine Bureau	Fisheries and Oceans Canada	N/D	D
Mr Michel Cyr, arch.	GLCRMC Architects	N/D	D
To all bidders			

Distribution code: : A : By fax B : By mail C : In person D : By e-mail

GENERAL

This addendum specifies certain amendments and adjustments to the tender documents. The Contractor must take this into account when preparing its bid and indicate in the bid that the Addendum is an integral part of the bid.

Electricity

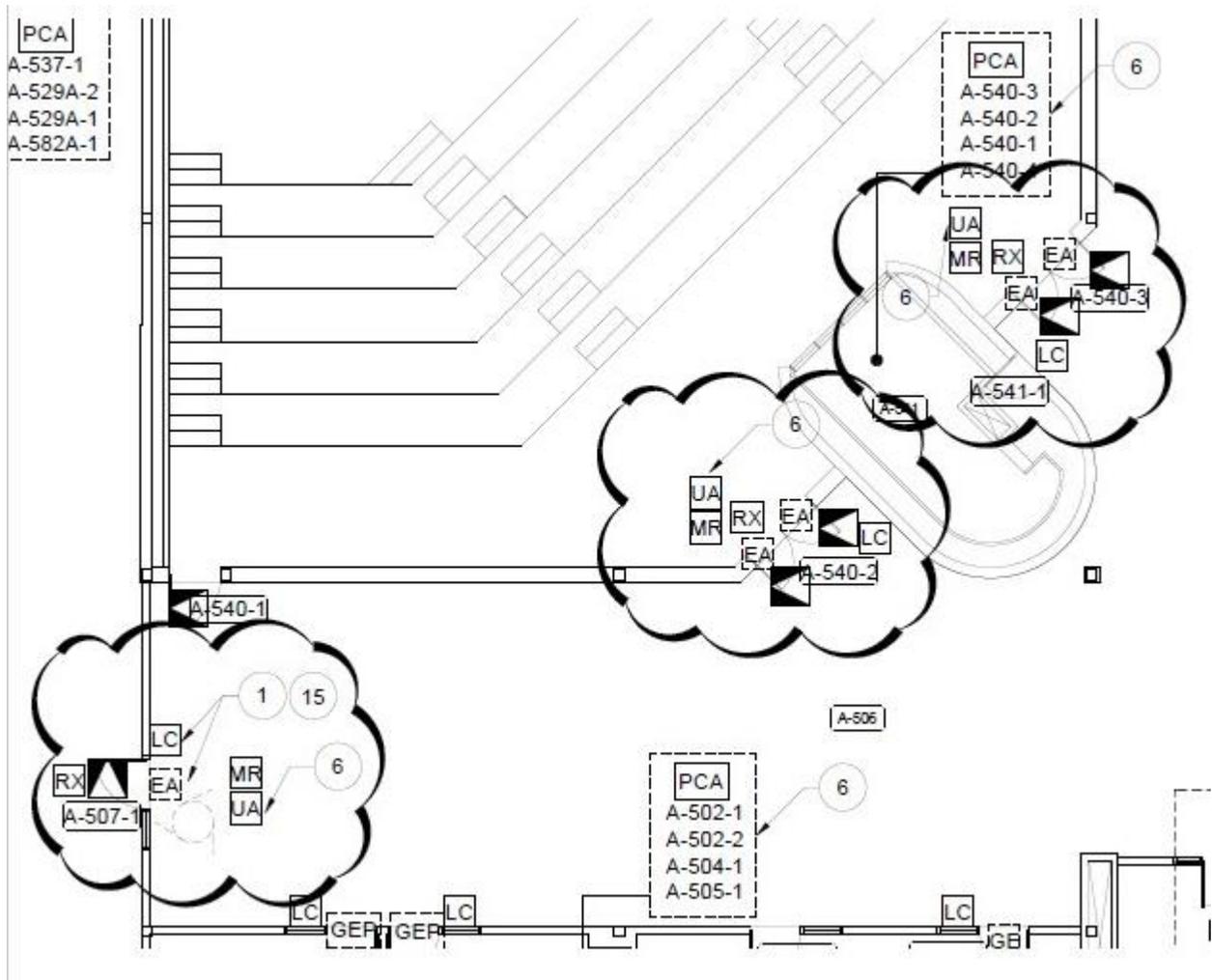
Nicolas Tremblay, eng.

ADDENDUM ME-01

Owner : Fisheries and Oceans Canada **N/Réf. :** 19G0150-001
Project : Security Level 2 – Phase 1 (Wing A) - Upgrading Access Control
 Maurice-Lamontagne Institute

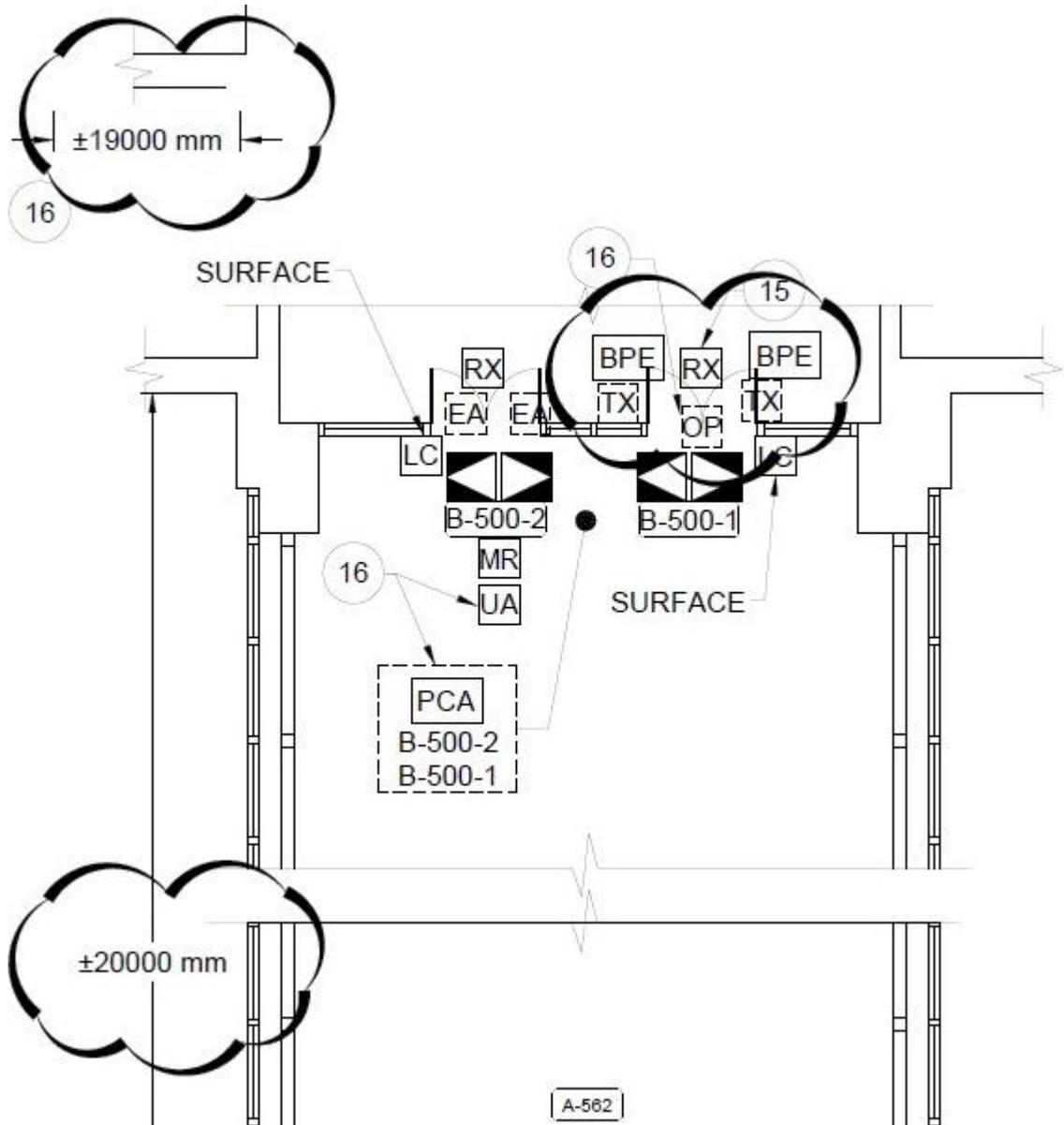
1.0 ELECTRICITY

1.1 In reference to Plan E-002, modifications are made. See drawings below.



ADDENDUM ME-01

Owner : Fisheries and Oceans Canada **N/Réf. :** 19G0150-001
Project : Security Level 2 – Phase 1 (Wing A) - Upgrading Access Control
 Maurice-Lamontagne Institute



ADDENDUM ME-01

Owner : Fisheries and Oceans Canada **N/Réf. :** 19G0150-001
Project : Security Level 2 – Phase 1 (Wing A) - Upgrading Access Control
Maurice-Lamontagne Institute

1.2 In reference to Plan E-003, modifications are made. See drawings below.

6 PANNEAU PEU-242 EXISTANT, 225A, 120/208V, 3Ø, 4F DE MARQUE WESTINGHOUSE, TYPE NBA. AJOUTER LES DISJONCTEURS SUIVANT : / EXISTING PANEL PEU-242, 225A, 120 / 208V, 3Ø, 4F, WESTINGHOUSE, NBA TYPE. USE THE SPARE CIRCUIT BREAKERS FOR THE FOLLOWING CONNECTIONS:

• 4 DISJONCTEURS 15A, 1P POUR LES RACCORDEMENTS DES NOUVEAUX PANNEAUX DE CONTRÔLE DE PORTE SELON L'ANNOTATION AUX PLANS. / 4 CIRCUIT BREAKERS 15A, 1P FOR THE CONNECTIONS OF THE NEW DOOR'S CONTROL PANELS ACCORDING TO THE ANNOTATION ON THE PLANS.

7 N/A.

Prepared by : Nicolas Tremblay, eng. **Project manager :** Bruno Ste-Croix, eng.

Date : 2021-01-18 **Signature :** 

ANNEX 3

NOTES EXPLICATIVES - EXPLANATORY NOTES

- LES PORTES A-501-1 ET A-501-3 DEVRONT ETRE DOTEES DES SYSTEMES RECUPERES D'OUVERTURE DE PORTE AUTOMATIQUE POUR PERSONNE A MOBILITE REDUITE, EN PLUS DU SYSTEME DE CONTROLE D'ACCES. LE SYSTEME D'OUVERTURE DE PORTE POUR PERSONNE A MOBILITE REDUITE EXISTANT SUR LES PORTES A-501-2 ET A-501-4 SERA A DEMANTELER ET A REINSTALLER SUR LES PORTES A-501-1 ET A-501-3.
DOORS A-501-1 AND A-501-3 SHALL BE EQUIP WITH RECOVER AUTOMATIC DOOR OPERATION FOR BARRIER FREE AND ACCESS CONTROL APPLICATION. EXISTING DOOR OPERATOR ON DOORS A501-1 AND A-501-4 SHALL BE DISMANTLE AND REINSTALL ON DOOR A-501-1 AND A-501-3
- LES PORTES A-571-5, A-581-2 ET A-571-1 DEVRONT ETRE DOTEES D'UNE OUVERTURE AUTOMATIQUE DECLENCHEE PAR LE PASSAGE DE LA CARTE SUR LECTEUR DE CARTE ET PAR LES BOUTONS POUSSOIRS LES ACTIONNANT (L'UN DANS A-571 ET L'AUTRE DANS A-572).
DOORS A-571-5 AND A-581-2 SHALL OPENED AUTOMATICALLY BY CARD READER ON CORRIDOR SIDE, BY PRESENCE DETECTOR ON A-571 SIDE AND BY TWO (2) ACTUATOR BUTTONS (ONE IN ROOM A-571 AND THE OTHER IN ROOM A-572).
- POUR LES INSTALLATIONS D'ALARME INTRUSION DES LOCAUX ET PORTES IDENTIFIEES SOUS ALARME (PORTES PIETONNES ET DE GARAGE), VOIR AUX PLANS DE L'INGENIEUR.
FOR INTRUSION ALARM INSTALLATIONS ON PREMISES AND DOORS (PEDESTRIAN AND OVERHEAD) SEE ELECTRICAL PLANS.
- LES PORTES A-581-2 ET A-E1-1 SONT DEJA PRETES POUR L'INSTALLATION D'UN SYSTEME DE CONTROLE D'ACCES (CONDUITS EMT ET QUINCAILLERIE).
DOORS A-581-2 AND A-E1-1 ARE READY TO INSTALL ACCESS CONTROL SYSTEM (EMT CONDUITS AND HARDWARE).
- LES PORTES A-507-1, A-507-2, A-545-1 ET A-566-1 SERONT TRAITES DANS UN AUTRE PROJET. (A COMPLETER SUITE AUX RELEVES SUR PLACE)
DOORS A-507-1, A-507-2, A-545-1 ET A-566-1 TO BE COMPLETED AFTER FIELD INSPECTION AND NOTE DOWN.
- ENTRE AUTRES LES CONTACTS MAGNETIQUES DE PORTES ET LES DETECTEURS DE REQUETE DE SORTIE RX, SE TROUVENT SUR LES PLANS D'INGENIEUR.
ARE SHOWN ON ELECTRICAL PLANS.
- TOUTS LES ELEMENTS DE QUINCAILLERIE A REMPLACER OU A AJOUTER SONT INDIQUES AU TABLEAU DE QUINCAILLERIE SECTION 08 71 00
ALL HARDWARE COMPONENTS TO BE REPLACE OR TO ADD ARE POINT OUT ON DOOR, FRAME AND HARDWARE SCHEDULE.
(SEE SECTION 08 71 00)
- POUR PERMETTRE LE PASSAGE DES FILLAGES DANS LES ENTREPLAFOND, L'ENTREPRENEUR DEVRA RETIRER PRUDENTEMENT LES TUILLES DE PLAFOND SUSPENDU ET LE REMETTRE EN PLACE APRES LE PASSAGE DU FILLAGE. TO ALLOW THE WIRING TO PASS THROUGH THE INTERCELLINGS, THE CONTRACTOR SHOULD CAREFULLY REMOVE THE SUSPENDED CEILING TILES AND REPLACE IT AFTER THE WIRING IS PASSED.

LÉGENDE - LEGEND

- LECTEUR DE CARTE
CARD READER
- LECTEUR DE CARTE EXISTANT A REMPLACER
EXISTING CARD READER TO BE REPLACED
- PORTE SOUS ALARME RELIE AU POSTE DU GARDIEN
DOOR ON ALARM TO BE CONNECTED TO COMMISSIONNER'S POST
- PANNEAU DE CONTROLE DU SYSTEME DE CONTROLE D'ACCES
ACCESS CONTROL PANEL
- PANNEAU DE CONTROLE D'UN SYSTEME EXISTANT DE CONTROLE D'ACCES A ENLEVER
EXISTING ACCESS CONTROL PANEL TO BE REMOVED
- BOITE A CLE INTELLIGENTE RACCORDE AU SYSTEME DE CONTROLE D'ACCES - EMBLACEMENT EXACT A DETERMINER
INTELLIGENT KEY BOX TO BE CONNECTED TO ACCESS CONTROL SYSTEM - EXACT LOCATION TO BE DETERMINED
- SONNETTE DOUBLE SELON SERVICE REQUIS (COURRIER OU RECEPTION/EXPEDITION)
DOUBLE BELL BUTTON IN ACCORDANCE WITH DEPARTMENT TARGETED (MAIL OR RECEPTION AREA)
- BOUTON DE DECLENCHEMENT DE LA PORTE (LE NUMERO INDIQUE LA PORTE DECLENCHEE)
DOOR OPENING BUTTON (NUMBER POINT OUT DOOR TARGETED)
- CARILLON DEUX TONALITES
TWO TONE DOORBELL
- ZONE D'ACCUEIL
OPEN AREA
- ZONE RESTREINTE 1
RESTRICTED AREA 1
- ZONE RESTREINTE 2
RESTRICTED AREA 2
- ZONE RESTREINTE 3
RESTRICTED AREA 3
- ZONE RESTREINTE 4
RESTRICTED AREA 4
- ZONE RESTREINTE 5
RESTRICTED AREA 5
- ZONE RESTREINTE 6
RESTRICTED AREA 6
- ZONE RESTREINTE PAR D'AUTRES (HORS CONTRAT)
RESTRICTED AREA BY OTHER (NOT INCLUDED)

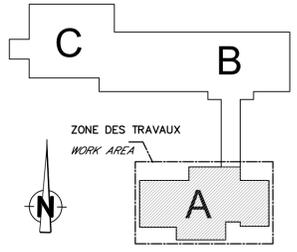
Notes

LES BULLES DE NOTE AU PLAN AVEC DES CHIFFRES REPRESENTENT LES NOTES DESCRIPTIVES SUR CETTE PAGE. LES BULLE DE NOTE AVEC DES LETTRE COMME (A), (B), (C) REPRESENTENT LES SIGNALISATIONS DIVERSES REPRESENTES SUR LA PAGE A-002.
BUBBLES NOTE WITH NUMBERS ON PLAN REPRESENT THE DESCRIPTIVE NOTES ON THIS PAGE. BUBBLES NOTE WITH LETTERS LIKE (A), (B), (C) ETC. REPRESENT THE SIGNPOSTING ON PAGE A-002.

Notes	Devis
15 PREVOIR FAIRE DES PERCEMENTS DANS LE PARLEMENT DE MAÇONNERIE EXISTANT POUR L'INSTALLATION DES NOUVEAUX EQUIPEMENTS ELECTRIQUE. EXPECT TO PIERCE IN MASONRY FACING TO INSTALL ELECTRICAL OUTLETS.	02 41 19 16
16 PREVOIR PERCER LES MONTANTS D'ALUMINIUM DE TYPE MUR-RIDEAU DU CADRE DE PORTE POUR PERMETTRE DE DISSIMULER LE FILAGE DANS CELUI-CI. EXPECT TO PIERCE ALUMINIUM DOOR JAMB (CURTAIN WALL TYPE) TO CONCEAL ELECTRICAL WIRING INTO JAMB.	02 41 19 16
17 PREVOIR RAGREER LE MUR TEL QUE L'EXISTANT SUITE A L'ENLEVEMENT D'ELEMENT ELECTRIQUE. REPENDRE LE MUR AU COMPLET DE LA MEME COULEUR QUE L'EXISTANT. CARRY OUT GYPSUM WALL REPAIR AND MAKE UP AFTER REMOVAL OF ELECTRICAL OUTLET OR EQUIPMENT. PAINT WALL COMPLETELY.	09 21 00 08 09 91 00 08
18 PORTE A DEMOLIR POUR LA REMPLACER PAR UNE NOUVELLE PORTE DOUBLE DE LA MEME LARGEUR QUE L'EXISTANT X 2135mm DE HAUT. APPRETER ET PEINDRE LE CADRE ET LA PORTE. REPLACE EXISTING DOUBLE WOODEN DOOR IN EXISTING STEEL FRAME. PAINT DOOR FRAME AND DOORS.	02 41 19 16 08 14 16 09 91 00 08
19 PORTE A DEMOLIR POUR LA REMPLACER PAR UNE NOUVELLE PORTE DOUBLE DE 460mm et de 915mm X 2135mm DE HAUT. APPRETER ET PEINDRE LE CADRE ET LES PORTES. REPLACE EXISTING (18" & 36") DOUBLE WOODEN DOOR IN EXISTING STEEL FRAME. PAINT DOOR FRAME AND DOORS.	02 41 19 16 08 14 16 09 91 00 08
20 MURET DE 406mm DE LONGUEUR A CONSTRUIRE A L'AIDE DE GYPSE 16mm SUR COLOMBAGE METALLIQUE 92mm. PREVOIR FIXER LE COLOMBAGE AU PONTAGE ET POURSUIVRE LE GYPSE JUSQU'A 100mm AU DESSUS DU PLAFOND SUSPENDU. PREVOIR UN PLINTE DE VINYLE TEL QUE L'EXISTANT. FAIRE LE TRAITEMENT DE JOINTS ET PEINDRE. PREVOIR MODIFIER LE PLAFOND SUSPENDU VIS-A-VIS LE MURET. 406mm LENGTH WALL TO BE CONSTRUCTED USING 16mm GYPSUM ON 92mm METAL STUD. PROVIDE ATTACHING THE STUD TO THE DECK AND CONTINUE THE GYPSUM UP TO 100mm ABOVE THE SUSPENDED CEILING. PROVIDE A VINYL BASE SAME AS EXISTING. TREAT SEALS AND PAINT. MODIFY THE SUSPENDED CEILING VIS-A-VIS THE WALL.	02 41 19 16 09 21 00 08 09 91 00 08
21 PARE-CHOC A INSTALLER TEL QUE L'EXISTANT. BUMPER TO BE INSTALLED SAME AS EXISTING.	01 ADDENDA

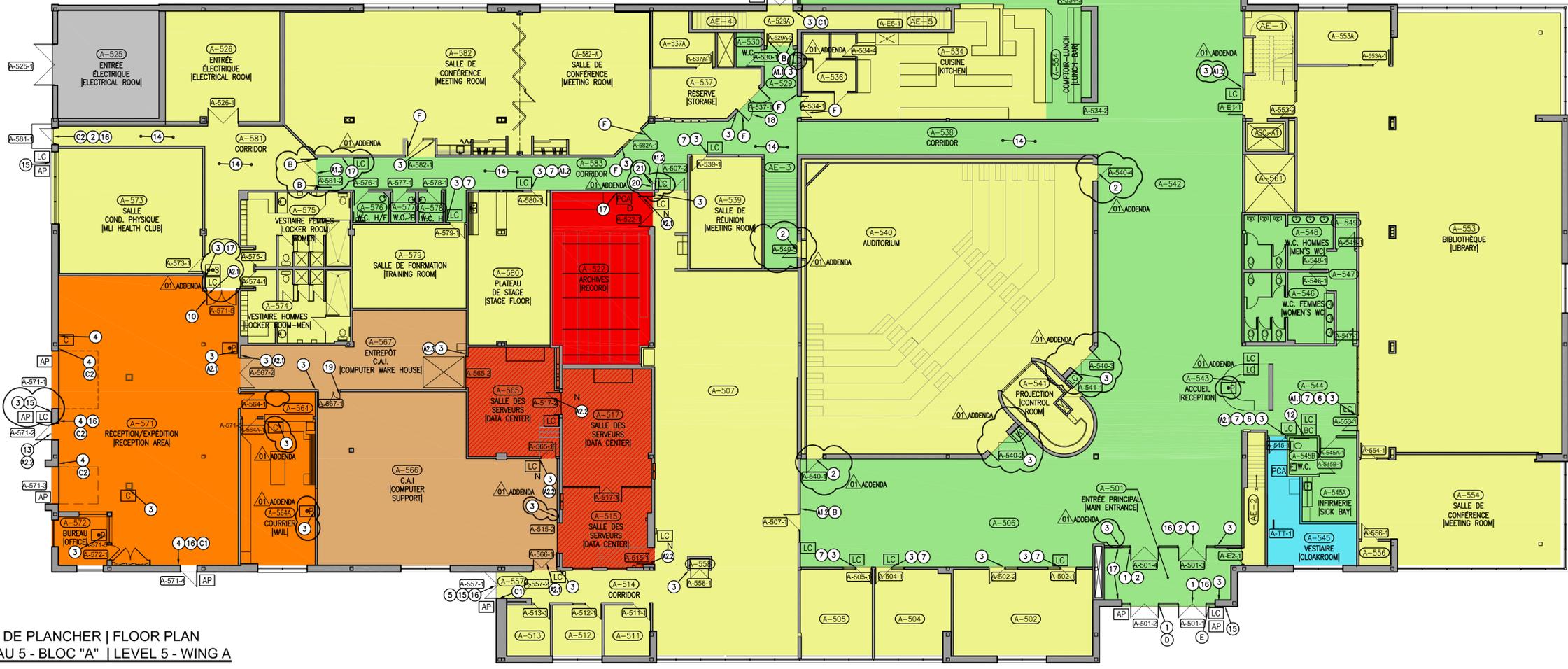
Notes	Devis
12 PREVOIR DERRIERE LE GYPSE FOND D'ANCRAGE EN CONTREPLAQUE 16mm POUR BOITE A CLE. VOIR L'INGENIEUR POUR LES DIMENSIONS ET L'EMPLACEMENT EXACT. PREVOIR RAGREER LE MUR ET PEINDRE. PROVIDE, BEHIND GYPSUM WALL 16mm PLYWOOD FOR ANCHORAGE BACKGROUND FOR KEY CABINET. SEE ELECTRICAL PLANS FOR DIMENSION AND LOCATION. EXPECT TO MAKE UP GYPSUM WALL AND PAINTING.	02 41 19 16 06 08 99 09 21 00 08 09 91 00 08
13 PREVOIR REMPLACER L'IMPOSTE VITRE DE LA PORTE PAR UN VITRAGE DOUBLE SEILLE ARME AVEC UN PELLICULE MIROIR DU COTE EXTERIEUR POUR NE PAS VOIR A L'INTERIEUR. DIMENSIONS TEL QUE L'EXISTANT A VALIDER SUR PLACE. REPLACE EXISTING DOUBLE GLASS TRANSOM BY WIRED DOUBLE GLASS WITH EXTERIOR REFLECTIVE GLASS. VALIDATE DIMENSION ON SITE.	02 41 19 16
14 PEINDRE LES MURS DU CORRIDOR AU COMPLET INCLUANT PORTES ET CADRES. LE PEINTRE DEVRA PREVOIR RAGREER TOUS LES TROUS, LES BRIS ET IMPERFECTION SUR TOUS LES MURS AVANT DE LES PEINDRE. LA COULEUR DES MURS SERA TEL QUE SICO 6210-11 PEAU DE TAMBOUR ET LA COULEUR DES PORTES ET CADRES SERA TEL QUE SICO 6242-83 TAXI DE LONDRES. PAINT CORRIDOR WALLS INCLUDING DOORS AND FRAME. WALLS SHALL BE REPAIRED AND MAKE UP BEFORE PAINTING. WALL COLOR WILL BE AS SICO 6210-11 DRUMSKIN AND FRAME AND DOOR COLOR WILL BE AS SICO 6242-83 LONDON CAB.	09 91 00 08

Plan clé - Key plan



Notes	Devis
1 PREVOIR RAGREER LE CADRE D'ALUMINIUM EXISTANT. EXPECT TO MAKE UP EXISTING DOOR FRAME.	09 91 00 08
2 PREVOIR UNE TRANCHEE ET RAGREAGE DANS LA TETE DE GYPSE ET PEINDRE. CARRY OUT CONTINUOUS CAVITY IN GYPSUM HEAD AND REPAIR. EXPECT PAINTING.	02 41 19 16 09 21 00 08 09 91 00 08
3 PREVOIR UNE TRANCHEE ET RAGREAGE MURAL DANS LE GYPSE ET PEINDRE. CARRY OUT CONTINUOUS CAVITY IN WALL GYPSUM AND REPAIR. EXPECT PAINTING.	02 41 19 16 09 21 00 08 09 91 00 08
4 CONDUITS ET EQUIPEMENT DE CONTROLE D'ACCES EN SURFACE SUR LE BLOC DE BETON. EMT CONDUITS AND ACCESS CONTROL EQUIPMENT INSTALL ON EXISTING CONCRETE BLOCK.	02 41 19 16 09 21 00 08
5 PREVOIR UNE TRANCHEE ET RAGREAGE DE GYPSE AU PLAFOND ET PEINDRE. CARRY OUT CONTINUOUS CAVITY IN GYPSUM CEILING AND REPAIR. EXPECT PAINTING.	02 41 19 16 09 21 00 08
6 PREVOIR RAGREER LE CADRE D'ACIER ET LA PORTE DE BOIS ET PEINDRE. EXPECT TO MAKE UP EXISTING STEEL DOOR FRAME AND WOODEN DOOR. CARRY OUT PAINTING.	02 41 19 16 09 91 00 08
7 PREVOIR ENTAILLER LE CADRE D'ACIER POUR LA GACHE ET PEINDRE. EXPECT TO GASH STEEL DOOR FRAME TO INSTALL ELECTRICAL STRIKE. CARRY OUT PAINTING.	02 41 19 16
8	
9	
10 REMPLACER LA PORTE DOUBLE AVEC UN CADRE D'ACIER ULC ET PEINDRE. EXISTING DOUBLE WOOD AND STEEL FRAME TO BE REPLACE BY 1.5 HOUR ULC RATED DOUBLE DOOR AND FRAME. EXPECT TO MAKE UP GYPSUM WALL AND PAINTING.	02 41 19 16 08 11 00 08 71 00 09 21 00 08 09 91 00 08
11 PREVOIR PERCEMENT DANS CHAQUE PORTE. EXPECT TO PIERCE IN EACH DOOR.	02 41 19 16

01 ADDENDA



PLAN DE PLANCHER | FLOOR PLAN
NIVEAU 5 - BLOC "A" | LEVEL 5 - WING A
1 : 150

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de l'Environnement,
de la Sécurité et de la Santé
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The Real Properties Assets,
Environment,
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révisions	description	date
06	ADDENDA 1 / ADDENDUM 1	2021-01-18
05	POUR SOUMISSION / FOR TENDER	2020-12-03
04	DEFINITIF A 99% / FINAL PLAN 99%	2020-03-30
03	DEFINITIF A 95% / FINAL PLAN 95%	2019-03-29
02	DEFINITIF A 75% / FINAL PLAN 75%	2019-03-07
01	COORDINATION	2019-02-08

A
B
C

A no. du détail
B no. de la feuille ou détail exigé
sheet no. where detail required
C no. de la feuille ou détaillé
sheet no. where detailed

Projet Project

INSTITUT MAURICE-LAMONTAGNE
MAURICE-LAMONTAGNE INSTITUTE

850, ROUTE DE LA MER, STE-FLAVIE

SÉCURITÉ NIVEAU 2 - PHASE 1 (AILE A)
MISE À NIVEAU CONTRÔLE D'ACCÈS
SECURITY LEVEL 2 - PHASE 1 (WING A)
UPGRADING ACCESS CONTROL

Dessin Drawing

ARCHITECTURE

PLAN DE PLANCHER
NIVEAU 5 - BLOC A
FLOOR PLAN
LEVEL 5 - WING A

Conçu par	Designed By
Michel Cyr, architecte	(aaaa/mm/jj)

Date 2020-03-30

Dessiné par	Drawn By
I.Côté-Duchesne, A. Dubé	(aaaa/mm/jj)

Date 2020-03-30

Approuvé par	Approved By
Michel Cyr, architecte	(aaaa/mm/jj)

Date 2020-03-30

Soumission	Tender
Michel Cyr, architecte	(aaaa/mm/jj)

Date 2020-12-03

Administrateur de projets	Project Manager

No du projet	Project no.	No du projet	Project no.
F3766-190223		320-19	

TPSGC	PWGSC	Client	Client

Nom du fichier	File name	No de classement
A-PN-PLC-320		

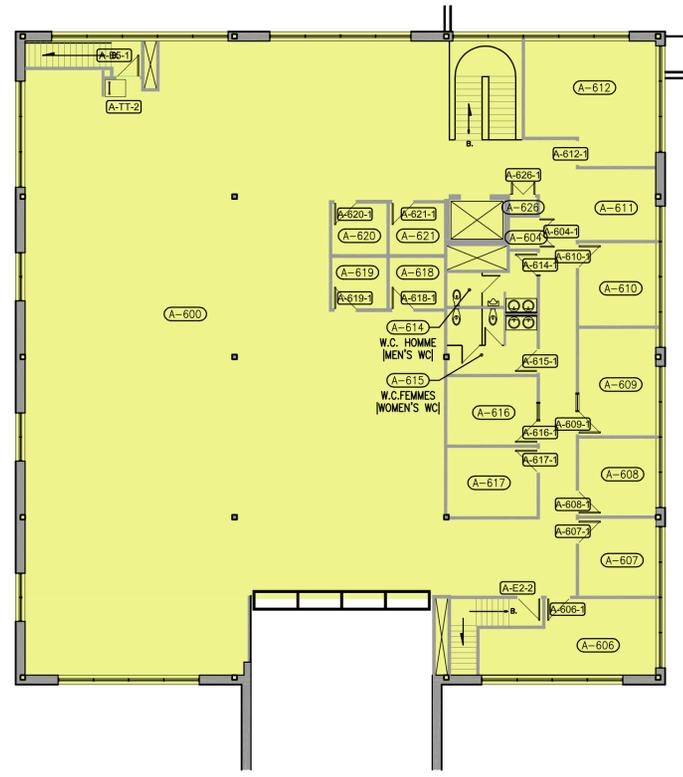
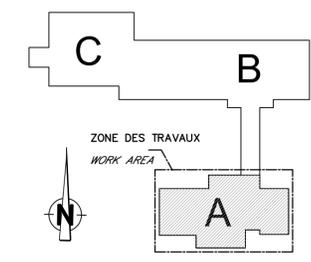
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		A-001

Sheet no.

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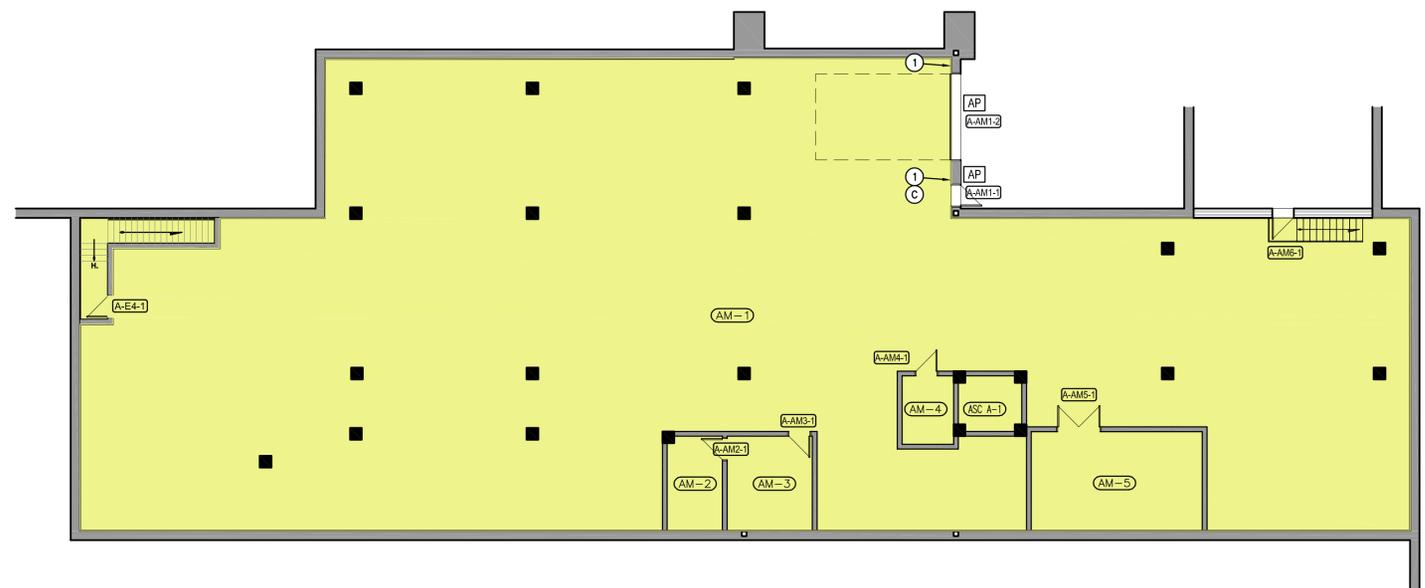
Plan clé - Key plan



PLAN DE PLANCHER | FLOOR PLAN
 NIVEAU 6 - BLOC "A" | LEVEL 6 - WING A
 1 : 150

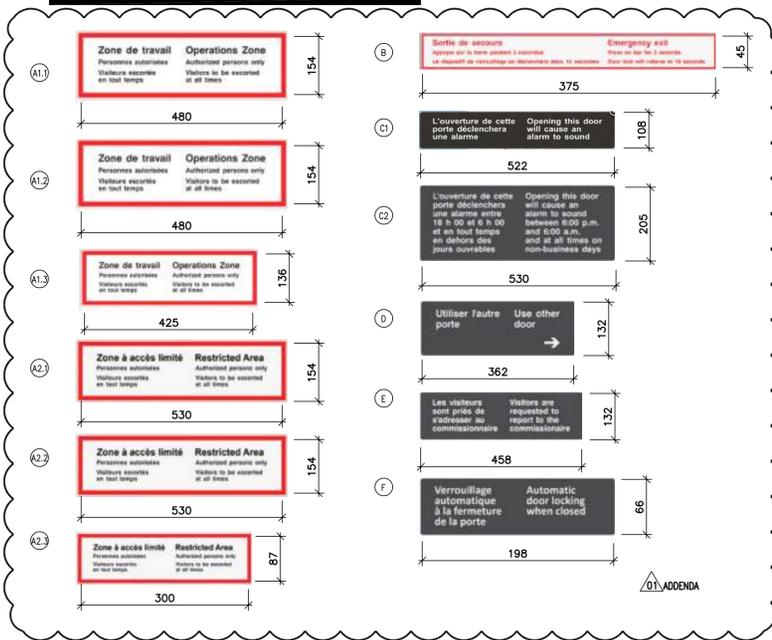
LÉGENDE - LEGEND

LC	LECTEUR DE CARTE / CARD READER
AP	ALARME PORTE / DOOR ON ALARM
AF	ALARME FENÊTRE / WINDOW ON ALARM
Zone verte	ZONE PUBLIQUE / OPEN AREA
Zone jaune	ZONE RESTREINTE 1 / RESTRICTED AREA 1
Zone orange	ZONE RESTREINTE 2 / RESTRICTED AREA 2
Zone rouge	ZONE RESTREINTE 3 / RESTRICTED AREA 3
Zone grise	ZONE RESTREINTE PAR D'AUTRES (HORS CONTRAT) / RESTRICTED AREA BY OTHERS (NOT INCLUDED)

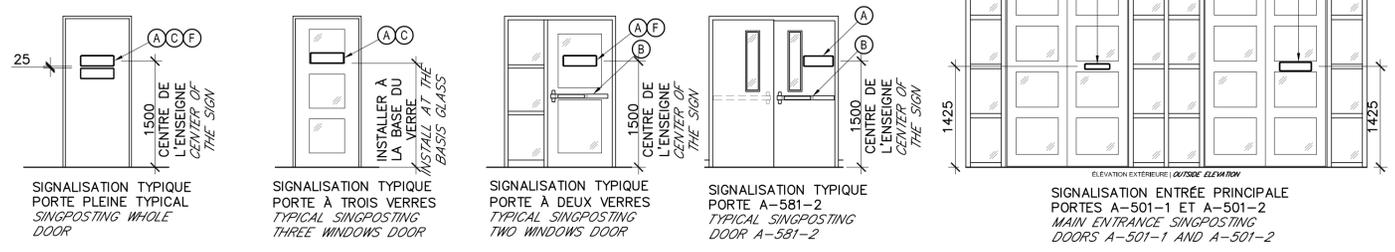


PLAN DE PLANCHER | FLOOR PLAN
 SOUS-SOL - BLOC "A" | BASEMENT - WING A
 1 : 150

Notes
 LES DISPOSITIFS DE SIGNALISATION SERONT FOURNIS PAR MPO ET INSTALLÉS PAR L'ENTREPRENEUR. VOIR INSTALLATION TYPE À LA PAGE A-002.
 SIGN POSTING DEVICE WILL BE PROVIDED BY FOM AND INSTALLED BY CONTRACTOR. SEE TYPICAL INSTALLATION ON PAGE A-002.



SIGNALISATIONS | SIGNPOSTING
 N/A



INSTALLATION TYPE DES SIGNALISATIONS
 | SIGNPOSTING TYPICAL INSTALLATION
 1 : 50

06	ADDENDA 1 / ADDENDUM 1	2021-01-18
05	POUR SOUMISSION / FOR TENDER	2020-12-03
04	DEFINITIF A 99% / FINAL PLAN 99%	2020-03-30
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02	DEFINITIF A 75% / FINAL PLAN 75%	2019-03-07
01	COORDINATION	2019-02-28

révisions / revisions	description	date
A	A no. du détail / detail no.	
B	B no de la feuille où détail exigé / sheet no. where detail required	
C	C no. de la feuille où détaillé / sheet no. where detailed	

Projet / Project
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 MAURICE-LAMONTAGNE INSTITUTE
 850, ROUTE DE LA MER, STE-FLAVIE
 SÉCURITÉ NIVEAU 2 - PHASE 1 (AILE A)
 MISE À NIVEAU CONTRÔLE D'ACCÈS
 SECURITY LEVEL 2 - PHASE 1 (WING A)
 UPGRADING ACCESS CONTROL

Dessin / Drawing
 ARCHITECTURE
 PLAN DE PLANCHER
 NIVEAU 6 - BLOC A
 SOUS-SOL - BLOC A
 FLOOR PLAN
 LEVEL 6 - WING A
 BASEMENT - WING A

Conçu par / Designed By	Michel Cyr, architecte	2020-03-30	(aaaa/mm/jj)
Date	2020-03-30		
Dessiné par / Drawn By	I.Côté-Duchesne, A. Dubé	2020-03-30	(aaaa/mm/jj)
Date	2020-03-30		
Approuvé par / Approved By	Michel Cyr, architecte	2020-03-30	(aaaa/mm/jj)
Date	2020-03-30		
Soumission / Tender	Michel Cyr, architecte	2020-12-03	
Administrateur de projets / Project Manager			
No du projet / Project no.	F3766-190223	No du projet / Project no.	320-19
TPSQC / Client	PWGSC	Client	Client
Nom du fichier / File name	A-PN-PLC-320	No de classement / File no.	A-002
No de plan ou dessin / Drawing or plan no.		No de la feuille / Sheet no.	

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