
1 ADDENDUM #5

ALL CLAUSES SET FORTH IN THE BIDDING DOCUMENTS, CONTRACT DOCUMENTS AND GENERAL REQUIREMENTS OF THE ORIGINAL CONTRACT DOCUMENTS SHALL APPLY TO AND GOVERN THIS WORK. THE ADDENDUM REFERS TO CHANGES AND ADDITIONS TO THE ORIGINAL CONTRACT DOCUMENTS AND IS TO BE READ IN CONJUNCTION WITH THE SAME. ALL OTHER PARTS OF THE ORIGINAL CONTRACT DOCUMENTS ARE TO BE CONSIDERED AS APPLYING TO THE WORK OF THIS CONTRACT WITH THE EXCEPTIONS AND CHANGES AS NOTED BELOW.

1.1 SPECIFICATIONS

- .1 Reference Section 08 71 00 - Door Hardware:
 - .1 Delete Section in its entirety as originally issued and replaced with revised Section 08 71 00, dated March 04, 2022 - attached and forming part of this addendum.
- .2 Reference Section 23 37 13 - Diffusers, Registers, and Grilles:
 - .1 Reference Paragraph 2.1.5:
 - .1 Append the following wording: "AirVector".
- .3 Reference Section 23 73 11 - Air Handling Units Packaged:
 - .1 Reference Paragraph 2.1.4:
 - .1 Append the following wording: "Daikin".
- .4 Reference Section 23 82 19 - Fan Coil Units:
 - .1 Reference Paragraph 2.1:
 - .1 Add new Paragraph .13 as follows:
".13 Acceptable material: JAGA, Verano, Daikin, York, Carrier, Trane, First Co."
- .5 Reference Section 27 10 05 – Structured Cabling for Communications Network :
 - .1 Reference Paragraph 2.1.1.7.1:
 - .1 Delete acceptable material "Belden Gigaflex 2413" and replace with "Belden Gigaflex 2412 (telephone), Belden Gigaflex 4812 (data, public address and CCTV) to ITSS standards".
- .6 Reference Specifications Section 28 23 00.01 – Video Surveillance Network – PoE Cameras:
 - .1 Reference Paragraph 3.1:
CLARIFICATION:
CCTV communications cabling to be routed free air on J-hook supports through accessible ceiling space and in conduits through in-accessible ceiling space.

1.2 DRAWINGS

- .1 Reference Drawing A6-002 - Elevations – Door Schedules, Elevations & Notes:
 - .1 Delete Drawing A6-002 as originally issued and replace with version dated March 04, 2022, attached and forming part of this addendum.
- .2 Reference Sheet A6-051 Second Floor Plan - Demolition:
 - .1 The existing chimney in Mechanical Room 205 to be demolished. Refer to Sketch ASK-605, attached and forming part of this addendum.

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- .3 Reference Sheet A6-101 Second Floor Plan - New:
 - .1 New location provided for washer and dryer and furring wall in Janitor Room 204. Refer to Sketch ASK-604, attached and forming part of this addendum.

 - .4 Reference New Sketch ASK-603 - South Entrance Doors:
 - .1 Additional door tags as per Sketch ASK-603, attached and forming part of this addendum.

 - .5 Reference New Sketch MSK-602:
 - .1 Add the presented works as noted in Sketch MSK-603, attached forming part of this addendum to the Scope of Work.

 - .6 Reference Drawing E6-300 - First Floor Demolition Plan – Lighting,
Reference Drawing E6-301 - Second Floor Demolition Plan – Lighting and
Reference Drawing E6-302 - Third Floor & Penthouse Demolition Plan – Lighting:
 - .1 Reference Demo Note 4:
 - .1 Delete Note in its entirety and replace with following wording:
“Existing green running pictogram exit signs to be traced out, disconnected and stored for future re-installation. Contractor to trace out, disconnect and remove existing branch circuit wiring back to source. Exit signs to be safely stored and inventory list of existing exit signs to be provided to Owner”.

 - .7 Reference Drawing E6-400 – First Floor Demolition Plan – Communications & Systems:
 - .1 Reference Detail 1/E6-400:
 - .1 In Elevator Lobby 133, existing recess mounted public address speaker to be maintained.

 - .8 Reference Drawing E6-402 – Third Floor & Penthouse Demolition Plan – Communications & Systems:
 - .1 Reference Detail 1/E6-402:
 - .1 In Elevator Lobby 323, existing recess mounted public address speaker to be maintained.

 - .9 Reference Drawing E6-501 – Second Floor New Construction Plan – Power:
 - .1 Reference Detail 1/E6-501:
 - .1 In Janitor 204, Contractor to wire exhaust fan to a manual motor switch located on the north with 2#12, 1#14 bond in 21mmC through a current relay. Current relay to be supplied and installed by Div.23, wired by Div. 26. Wire manual motor switch to a 15A/1P circuit breaker located in position 29 of panelboard ‘F’. Coordinate exact location with Mechanical Contractor on site prior to rough-in.

 - .10 Reference Drawing E6-600 - First Floor New Construction Plan – Lighting,
Reference Drawing E6-601 - Second Floor New Construction Plan – Lighting and
Reference Drawing E6-602 - Third Floor & Penthouse New Construction Plan – Lighting:
 - .1 **CLARIFICATION:**
All existing green running pictogram exit signs to be re-used and re-installed within each floor. Existing exit signs to be wired to new branch circuit panelboards as indicated on the drawings.

 - .11 Reference Drawing E6-600 – First Floor New Construction Plan – Lighting:
 - .1 Reference Detail 1/E6-600:
 - .1 In first level corridor, six (6) of the type A5 luminaires to be night light luminaires wired to lighting branch circuit ‘E-40’.
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- .2 In Barkafabulous way 100A, two (2) type A5 luminaires located adjacent to intersection of gridlines 'e8' and 's' and adjacent to intersection of gridlines 'e8' and 'u' to be night light luminaires wired to lighting branch circuit 'D-20'.
 - .3 In Ozzy Drive 100C, two (2) type A5 luminaires located adjacent to intersection of gridlines 'e8' and 'g' and adjacent to intersection of gridlines 'e8' and 'c' to be night light luminaires wired to lighting branch circuit 'E-22'.
 - .4 In Corridor 100E, two (2) of the type A5 luminaires to be night light luminaires wired to lighting branch circuit 'E-22'.
- .12 Reference Drawing E6-601 – Second Floor New Construction Plan – Lighting:
- .1 Reference Detail 1/E6-601:
 - .1 In Main Lobby 200, type A5 luminaire located north east of intersection of gridlines 'e7' and 'w' to be night light luminaires wired to lighting branch circuit 'A2-19'.
 - .2 In Dog Runn 200Am type A5 luminaire located adjacent to the intersection of gridlines 'e8' and 'z' to be night light luminaires wired to lighting branch circuit 'F-18'.
 - .3 In Gymnasium 209, modify lighting branch circuit of second column of Type D1 luminaires from 'F-23' to 'F-25', third column from 'F-25' to 'F-27', fourth column from 'F-25' to 'F-23' and fifth column from 'F-27' to 'F-25'.
 - .2 Reference Note 5:
 - .1 Append the following wording:
"Acceptable manufacturer or approved equal: nLight #rrP20 DS EFP, Lutron, Greengate, Wattstopper & Leviton."
 - .3 Reference Note 6:
 - .1 0-10 VDC dimming switch to be decora style, line voltage, white in color and c/w push button ON/OFF, raise and lower buttons. Acceptable manufacturer or approved equal: nLight #RPODL DX MVOLT WH G2, Lutron, Greengate, Wattstopper & Leviton.
- .13 Reference Drawing E6-602 – Third Floor & Penthouse New Construction Plan – Lighting:
- .1 Reference Detail 1/E6-602:
 - .1 In third floor corridor and Library 300C, eight (8) of the type A5 luminaires to be night light luminaires wired to lighting branch circuit 'E1-59'.
 - .2 In Recyclable Way 300A, one (1) type A5 luminaire located adjacent to intersection of gridlines 'e8' and 'q' to be a night light luminaire wired to lighting branch circuit 'E1-57'.
 - .3 In Lobby 300, one (1) type A2 luminaire located at the intersection of gridlines 'e8' and 'u' to be a night light luminaire wired to lighting branch circuit 'D-20'.
 - .4 In Daisy Drive 100D, two (2) type A5 luminaires located adjacent to intersection of gridlines 'e8' and 'g' and adjacent to intersection of gridlines 'e8' and 'd' to be night light luminaires wired to lighting branch circuit 'E1-61'.
- .14 Reference Drawing E6-700 – First Floor New Construction Plan – Communications & Systems:
- .1 Reference Detail 1/E6-700:
 - .1 In Boot Storage 100D, remove CCTV camera with designation #3 mounted to north wall.
 - .2 **CLARIFICATION:**
Take-offs for new public address speakers and call-in switches to be taken off of Drawings E6-700, E6-701 and E6-702. Public address riser shown on Drawing E6-803 is a comprehensive detail showing the full PA system with new and existing devices for general information only.
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- .15 Reference Drawing E6-701 – Second Floor New Construction Plan – Communications & Systems:
- .1 Reference Detail 1/E6-701:
 - .1 In Kitchen 211, existing stored public address speaker to be re-installed and reconnected to coiled communications cabling in accessible ceiling space. Public address speaker to be cleaned prior to installation. Provide for remediation and/or extension of existing public address loop as required to maintain loop continuity of public address system.
- .16 Reference Drawing E6-702 – Third Floor New Construction Plan – Communications & Systems:
- .1 Reference Detail 1/E6-702:
 - .1 In Resource Room 312, Contractor to re-install stored call-in switch on the new east concrete block wall.
 - .2 In Girls W/R 319, existing stored public address speaker to be re-installed and reconnected to coiled communications cabling in accessible ceiling space. Public address speaker to be cleaned prior to installation. Provide for remediation and/or extension of existing public address loop as required to maintain loop continuity of public address system.
- .17 Reference Drawing E6-802 – Fire Alarm & Access Control Details:
- .1 Reference Detail 1/E6-802:
 - .1 Reference 'SC2':
 - .1 Replace wording "Corridor (Outside Room 124)" referring to combination horn/strobe and replace with "Corridor (Outside Room 122)".
 - .2 Reference 'SC6':
 - .1 Add two (2) combination horn/strobes located in Library 300C to signaling circuit #6.
- .18 Reference Drawing E6-804 – Systems Details & Riser:
- .1 Reference Detail 1/E6-804:
 - .1 Add one (1) CCTV camera with designation #23 located outside Classroom 111.

1.3 APPENDICES

- .1 Reference Appendix 'A' - Material / Finish Schedule:
- .1 Reference TAG "ACT-1 - Ceiling Tile":
 - .1 Reference Manufacturer / Supplier (Standard of Acceptance):
 - .1 Add "CGC" as an acceptable alternative.
 - .2 Reference Description / Finish/ Texture:
 - .1 Add "USG MARS-CLIMAPLUS #88185" as an acceptable alternate
 - .2 Reference TAG "n/a - Suspension System":
 - .1 Reference Manufacturer / Supplier (Standard of Acceptance):
 - .1 Add "CGC" as an acceptable alternative.
 - .2 Reference Description / Finish/ Texture:
 - .1 Add "DONN DX/DXL – 15/16" EXPOSED TEE SYSTEM" as an acceptable alternate.

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- .2 **Reference Appendix 'C' - Luminaire Schedule"**
 - .1 Reference Type A1:
 - .1 Delete acceptable manufacturer "ELITE #24-FPL1-LED-6000L-DIM10-MVOLT-35K-85" and replace with the following:
"ELITE #24-FPL-BL-LED-6000L/7000L/8000L-DIM10-120-347V-30K/35K/40K-85".
 - .2 Reference Type A2:
 - .1 Delete acceptable manufacturer "ELITE #24-FPL1-LED-5000L-DIM10-MVOLT-35K-85" and replace with the following:
"ELITE #24-FPL-BL-LED-3000L/4000L/5000L-DIM10-120-347V-30K/35K/40K-85".
 - .3 Reference Type A3:
 - .1 Delete acceptable manufacturer "ELITE #24-FPL1-LED-3500L-DIM10-MVOLT-35K-85" and replace with the following:
"ELITE #24-FPL-BL-LED-3000L/4000L/5000L-DIM10-120-347V-30K/35K/40K-85".
 - .4 Reference Type A4:
 - .1 Delete acceptable manufacturer "ELITE #24-FPL1-LED-3000L-DIM10-MVOLT-35K-85" and replace with the following:
"ELITE #24-FPL-BL-LED-3000L/4000L/5000L-DIM10-120-347V-30K/35K/40K-85".
 - .5 Reference Type A5
 - .1 Delete acceptable manufacturer "ELITE #22-FPL1-LED-4000L-DIM10-MVOLT-35K-85 C/W 22FK" and replace with the following:
"ELITE #22-FPL-BL-LED-2000L/3000L/4000L-DIM10-120-347V-30K/35K/40K-85-22FK".
 - .6 Reference Type A6:
 - .1 Delete acceptable manufacturer "ELITE #14-FPL1-LED-3000L-DIM10-MVOLT-35K-85 C/W 14FK" and replace with the following:
 - .1 "ELITE #14-FPL-BL-LED-2000L/3000L/4000L-DIM10-120-347V-30K/35K/40K-85-14FK".
 - .7 Reference Type C1:
 - .1 Delete acceptable manufacturer "ELITE #4-OEC-LED-5000LM-DIM10-MVOLT-35K-85-OCVH" and replace with the following:
"ELITE #4-OEC-LED-3000L/4000L/5000L-DIM10-MVOLT-35K/40K/50K-85-WH-OCVH".
 - .8 Reference Type C2
 - .1 Delete acceptable manufacturer "ELITE #4-OEC-LED-3000LM-DIM10-MVOLT-35K-85" and replace with the following:
"ELITE #4-OEC-LED-3000L/4000L/5000L-DIM10-MVOLT-35K/40K/50K-85-WH".
 - .9 Reference Type D1:
 - .1 Delete acceptable manufacturer "HUBBELL #PEL2-40ML-FAW-ED-U-PELTH C/W W/G" and replace with the following:
"ORACLE LIGHTING #CB2-LED-15000L-DIM10-MVOLT-GD-40K-85-CB2-LED-12000L-WG-WH-GSS".

1.4 CLARIFICATIONS

- .1 **Question:** Are you providing a Toilet Accessories schedule, it is referred to several places but not in the spec.
 - .1 **Response:** This schedule was issued via Addendum #2.

- .2 Question: What is required for white boards?
.1 Response: There are no requirements for white boards. Existing whiteboards / main teaching boards indicated in floor plans are to be reused/relocated as indicated.

END OF SECTION

1 General

1.1 SUMMARY

- .1 Supply and deliver all finish hardware as specified in hardware sets for doors listed on door schedule. Hardware shall include all fasteners and devices necessary for the proper installation of hardware.

1.2 RELATED REQUIREMENTS

- .1 Section 08 11 13 - Hollow Metal Doors and Frames.
- .2 Section 08 14 16 - Flush Wood Doors.
- .3 Section 08 41 13 - Aluminum-Framed Entrance and Storefronts.
- .4 Electrical wiring.

1.3 REFERENCES

- .1 Canadian Steel Door and Frame Manufacturers' Association (CSDFMA).
 - .1 CSDFMA Canadian Metric Guide for Steel Doors and Frames (Modular Construction) prepared by Canadian Steel Door and Frames Manufacturer's Association.
- .2 Canadian General Standards Board (CGSB).
 - .1 CAN/CGSB 69.17 M86(R1993), Bored and reassembled Locks and Latches.
 - .2 CAN/CGSB 69.18 M90/ANSI/BHMA A156.1 1981, Butts and Hinges.
 - .3 CAN/CGSB 69.19 93/ANSI/BHMA A156.3 1984, Exit Devices.
 - .4 CAN/CGSB 69.20 M90/ANSI/BHMA A156.4 1986, Door Controls (Closers).
 - .5 CAN/CGSB 69.21 M90/ANSI/BHMA A156.5 1984, Auxiliary Locks and Associated Products.
 - .6 CAN/CGSB 69.22 M90/ANSI/BHMA A156.6 1986, Architectural Door Trim.
 - .7 CAN/CGSB 69.24 M90/ANSI/BHMA A156.8 1982, Door Controls Overhead Holders.
 - .8 CAN/CGSB 69.26 96/ANSI/BHMA A156.10 1991, Power operated Pedestrian Doors.
 - .9 CAN/CGSB 69.28 M90/ANSI/BHMA A156.12 1986, Interconnected Locks and Latches.
 - .10 CAN/CGSB 69.29 93/ANSI/BHMA A156.13 1987, Mortise Locks and Latches.
 - .11 CAN/CGSB 69.30 93/ANSI/BHMA A156.14 1991, Sliding and Folding Door Hardware.
 - .12 CAN/CGSB 69.31 M89/ANSI/BHMA A156.15 1981, Closer/Holder Release Device.
 - .13 CAN/CGSB 69.32 M90/ANSI/BHMA A156.16 1981, Auxiliary Hardware.
 - .14 CAN/CGSB 69.33 M90/ANSI/BHMA A156.17 1987, Self closing Hinges and Pivots.
 - .15 CAN/CGSB 69.34 93/ANSI/BHMA A156.18 1987, Materials and Finishes.
 - .16 CAN/CGSB 69.35 M89/ANSI/BHMA A156.19 1984, Power Assist and Low Energy Power Operated Doors.
 - .17 CAN/CGSB 69.36 M90/ANSI/BHMA A156.20 1984, Strap and Tee Hinges and Hasps.
- .3 All hardware shall comply with requirements of the National Building Code (2010).

1.4 REQUIREMENTS OF REGULATORY AGENCIES

- .1 Use ULC listed and labeled hardware for doors in fire separations and where noted on Door Schedule (located at the end of this document in the Schedules section).

1.5 SUBMITTALS

- .1 Product Data:
 - .1 Submit manufacturer's printed product literature, specifications and data sheet in accordance with Section 01 33 00 - Submittal Procedures.
- .2 Hardware List:
 - .1 Submit Finish Hardware Schedule electronically for approval.

- .2 Schedule shall be written in accordance with DHI Sequence and Format for vertical hardware schedule publication.
- .3 Schedule shall reference item and door number to hardware set specified.
- .4 Door index to be included referencing the door number to scheduled item number.
- .5 Submit electronic copies of keying schedules for approval.
- .6 Schedule shall be written in accordance with DHI Handbook Keying Schedule Systems and Nomenclature. Coordinate all keying in writing.
- .3 Manufacturer's Instructions:
 - .1 Submit manufacturer's installation instructions.
 - .2 Provide template drawings as requested.
- .4 Closeout Submittals
 - .1 Provide operation and maintenance data for door closers, lockets, door holders electrified hardware and fire exit hardware for incorporation into manual specified in Section 01 78 00 - Closeout Submittals.

1.6 QUALITY ASSURANCE

- .1 Hardware supplier must have on staff an Architectural Hardware Consultant or person of equivalent qualification and experience. Hardware supplier must have been in hardware supply for a minimum of two (2) years, have supplied similar type projects, and have adequate facilities to service project.

1.7 DELIVERY, STORAGE, AND HANDLING

- .1 Trade Contractor to provide clean, dry locked room for storage of hardware on shelving.
- .2 Each hardware item shall be delivered to site in manufacturers original packaging. Each item shall be labeled with door and item number to correspond with hardware schedule.
- .3 All hardware will be delivered to one receiving area on site.

1.8 WARRANTY

- .1 Furnish a one-year written warranty for all products with exceptions of door closers, Mortise locksets and latchsets which shall be warranted for ten (10) years, and exit devices and trim, overhead holders and stops which shall be warranted for five (5) years.

1.9 WASTE DISPOSAL AND MANAGEMENT

- .1 Collect and separate for disposal waste material generated by this Section.
- .2 Place in appropriate on-site bins in accordance with Waste Management Plan.
- .3 A clean worksite is mandatory at all times. Failure to maintain the site in a clean, safe condition shall result in the Owner initiating a clean-up and related costs being deducted from progress claims.

2 Products

2.1 MANUFACTURERS

- .1 Acceptable Material: Specified in Hardware Sets.

2.2 FINISH

- .1 Finish for this project in general shall be 626 (Satin Chrome). Exceptions are as noted in hardware packages.

2.3 KEYING

- .1 All cylinders construction, master keyed.
- .2 Provide three (3) master keys for each MK or GMK group.
- .3 Stamp keying code numbers on keys and cores.

2.4 FASTENINGS

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

3 Execution

3.1 MANUFACTURER'S INSTRUCTIONS

- .1 Compliance: comply with manufacturer's written data, including product technical bulletins, product catalogue installation instructions, product carton installation instructions, and data sheets.
- .2 Furnish metal door and frame manufacturers with complete instructions and templates for preparation of their work to receive hardware.
- .3 Recommend mounting heights shall be in accordance with Canadian Metric Guide for Steel Doors and Frames (Modular Construction) prepared by Canadian Steel Door and Frame Manufacturer's Association.
- .4 Furnish manufacturers' instructions for proper installation of each hardware component.

3.2 INSTALLATION

- .1 Install hardware to standard hardware location dimensions in accordance with Canadian Metric Guide for Steel Doors and Frames (Modular Construction) prepared by Canadian Steel Door and Frame Manufacturers' Association.
- .2 Where door stop contacts door pulls, mount stop to strike bottom of pull.
- .3 Install key control cabinet.
- .4 Use only manufacturer's supplied fasteners. Failure to comply may void manufacturer's warranties and applicable licensed labels. Use of "quick" type fasteners, unless specifically supplied by manufacturer, is unacceptable.
- .5 Remove construction cores when directed by Consultant; install permanent cores and check operation of locks.

3.3 ADJUSTING

- .1 Adjust door hardware, operators, closures and controls for optimum, smooth operating condition, safety, weather tight closure and to provide tight fit at contact points with frames.

3.4 CLEANING

- .1 Perform cleaning after installation to remove construction and accumulated environmental dirt.
- .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.

3.5 PROTECTION

- .1 Provide proper protection of all hardware items until Owner accepts project as complete.

3.6 HARDWARE SETS

.1 Hardware Group No. 1

For use on Door #(s):

101A 135 204A 326 327

Provide each SGL door(s) with the following:

3	EA	HINGE	5BB1 4.5 X 4	652	IVE
1	EA	STOREROOM LOCK	ND96RD SPA	626	SCH
1	EA	SURFACE CLOSER	1461 RW/PA	689	LCN
1	EA	KICK PLATE	8400 10" X 1 1/2" LDW	630	IVE
1	EA	WALL STOP	WS406/407	US32D	IVE
1	EA	INTUMESCENT	W-22 x door width x (2) door height		KNC

DOOR IS ALWAYS LOCKED ALWAYS NEED A KEY TO GET IN. FREE EGRESS AT ALL TIMES

.2 Hardware Group No. 2

For use on Door #(s):

134.1 134.2 134.3 134.4 134.5 134.6
 134.7 325.1 325.2 325.3 325.4 325.5
 325.6 325.7

Provide each SGL door(s) with the following:

3	EA	HINGE	5BB1 4.5 X 4	652	IVE
1	EA	PASSAGE SET	ND10S SPA	626	SCH
1	EA	TURN I/S X OCC IND	D271	626	FAL
1	EA	OH STOP	450S	652	GLY
1	EA	SURFACE CLOSER	1261 RW/PA	689	LCN
1	EA	PA MOUNTING PLATE	1260-18PA	689	LCN

.3 Hardware Group No. 3

For use on Door #(s):

300C

Provide each SGL door(s) with the following:

3	EA	HINGE	5BB1 4.5 X 4	652	IVE
1	EA	PASSAGE SET	ND10S SPA	626	SCH
1	EA	WALL STOP	WS406/407	US32D	IVE

DOOR IS NOT LOCKABLE

.4 Hardware Group No. 4

For use on Door #(s):

106	110	203	262	264	302
307	313	E202			

Provide each SGL door(s) with the following:

3	EA	HINGE	5BB1 4.5 X 4	652	IVE
1	EA	CLASSROOM LOCK	ND94RD SPA	626	SCH
1	EA	SURFACE CLOSER	1461 RW/PA	689	LCN
1	EA	KICK PLATE	8400 10" X 1 1/2" LDW	630	IVE
1	EA	WALL STOP	WS406/407	US32D	IVE
1	EA	INTUMESCENT	W-22 x door width x (2) door height		KNC

DOOR CAN BE LOCKED BY EXTERIOR KEY ONLY. FREE EGRESS AT ALL TIMES

.5 Hardware Group No. 5

For use on Door #(s):

001

Provide each SGL door(s) with the following:

1	EA	CONT. HINGE	112XY	628	IVE
1	EA	PANIC HARDWARE	33A-NL-OP	626	VON
1	EA	SFIC MORTISE CYL.	80-302 118	626	SCH
1	EA	ELECTRIC STRIKE	6300FSE	630	VON
1	EA	OFFSET PULL	8190HD	630	IVE
1	EA	OH STOP	100S	630	GLY
1	EA	SURFACE CLOSER	4040XP LONG	689	LCN
1	EA	MTG PLT	4040XP-18G	689	LCN
1	EA	BLADE STOP SPACER	4040XP-61	689	LCN
1	EA	DOOR SWEEP	W-24S x door width	628	KNC
1	EA	THRESHOLD	CT-39 x door width	627	KNC
1	EA	DOOR CONTACT	679-05	WHT	SCE
1	EA	POWER SUPPLY	PS902	LGR	SCE

WEATHERSTRIPPING BY DOOR SUPPLIER

CARD READER, CREDENTIAL, CONTROLLER BY OTHERS

MODE OF OPERATION:

A PERSON CAN ENTER WITH KEY OR BY PRESENTING THEIR CREDENTIAL TO THE READER WHICH WILL RETRACT KEEPER ON ELECTRIC STRIKE AND ALLOW THE DOOR TO BE OPENED

.6 Hardware Group No. 6

For use on Door #(s):
308

Provide each SGL door(s) with the following:

3	EA	HINGE	5BB1 4.5 X 4	652	IVE
1	EA	STOREROOM LOCK	ND96RD SPA	626	SCH
1	EA	OH STOP	450S	652	GLY
1	EA	SURFACE CLOSER	1461 RW/PA	689	LCN
1	EA	MOUNTING PLATE	1460-18	689	LCN
1	EA	KICK PLATE	8400 10" X 1 1/2" LDW	630	IVE
1	EA	INTUMESCENT	W-22 x door width x (2) door height		KNC

DOOR IS ALWAYS LOCKED ALWAYS NEED A KEY TO GET IN. FREE EGRESS AT ALL TIMES

.7 Hardware Group No. 7

For use on Door #(s):
312 328

Provide each SGL door(s) with the following:

3	EA	HINGE	5BB1 4.5 X 4	652	IVE
1	EA	CLASSROOM LOCK	ND94RD SPA	626	SCH
1	EA	OH STOP	450S	652	GLY
1	EA	SURFACE CLOSER	1461 RW/PA	689	LCN
1	EA	MOUNTING PLATE	1460-18	689	LCN
1	EA	KICK PLATE	8400 10" X 1 1/2" LDW	630	IVE
1	EA	INTUMESCENT	W-22 x door width x (2) door height		KNC

DOOR CAN BE LOCKED BY EXTERIOR KEY ONLY. FREE EGRESS AT ALL TIMES

.8 Hardware Group No. 8

For use on Door #(s):
324

Provide each SGL door(s) with the following:

3	EA	HINGE	5BB1 4.5 X 4	652	IVE
1	EA	PASSAGE SET	ND10S SPA	626	SCH
1	EA	TURN I/S X OCC IND	D271	626	FAL
1	EA	SURFACE CLOSER	1261 RW/PA	689	LCN
1	EA	WALL STOP	WS406/407CCV	US32D	IVE

DOOR IS NOT LOCKABLE

.9 Hardware Group No. 9

For use on Door #(s):

E101 E103A E104A

Provide each SGL door(s) with the following:

1	EA	CLASSROOM LOCK	ND94RD SPA	626	SCH
1	EA	OH STOP	450S	652	GLY
1	EA	SURFACE CLOSER	1461 RW/PA	689	LCN
1	EA	MOUNTING PLATE	1460-18	689	LCN
1	EA	KICK PLATE	8400 10" X 1 1/2" LDW	630	IVE
1	EA	INTUMESCENT	W-22 x door width x (2) door height		KNC

**EXISTING DOORS AND FRAMES
 REUSE EXISTING HINGES AND ANY WRAP AROUND PLATES**

.10 Hardware Group No. 10

For use on Door #(s):

D263 E102 E103 E104 E105 E106
 E110 E111 E112 E113 E114 E115
 E122.1 E123 E124 E303 E304 E305
 E306 E307 E313 E314 E315 E317
 E318

Provide each SGL door(s) with the following:

1	EA	CLASSROOM LOCK	ND94RD SPA	626	SCH
1	EA	SURFACE CLOSER	1461 RW/PA	689	LCN
1	EA	KICK PLATE	8400 10" X 1 1/2" LDW	630	IVE
1	EA	WALL STOP	WS406/407	US32D	IVE
1	EA	INTUMESCENT	W-22 x door width x (2) door height		KNC

**EXISTING DOORS AND FRAMES
 REUSE EXISTING HINGES AND ANY WRAP AROUND PLATES**

.11 Hardware Group No. 11

For use on Door #(s):

E112A E113A E120 E121 E122.2 E210
 E304A E305A E315A E316A

Provide each SGL door(s) with the following:

1	EA	MORTISE LOCK	L9070R 17B	626	SCH
---	----	--------------	------------	-----	-----

**ALL OTHER HARDWARE EXISTING
 CONFIRM PRIOR TO ORDERING LOCK WILL FIT INTO EXISTING CUTOUT ON
 EXISTING DOORS**

.18 **Hardware Group No. 18**

For use on Door #(s):
E100E.2

Provide each SGL door(s) with the following:

1	EA	CONT. HINGE	112XY EPT	313AN	IVE
1	EA	POWER TRANSFER	EPT10	SP313	VON
1	EA	ELEC PANIC HARDWARE	RX-QEL-98-NL- OP-110MD-CON	613/626	VON
2	EA	DOOR CONTACT	679-05	WHT	SCE
1	EA	POWER SUPPLY	PS904 900-4RL-FA	LGR	SCE

**ALL OTHER HARDWARE EXISTING
CARD READER, CREDENTIAL, CONTROLLER BY OTHERS
MODE OF OPERATION:**

**A PERSON CAN ENTER WITH KEY OR BY PRESENTING THEIR CREDENTIAL
TO THE READER WHICH WILL RETRACT LATCH ON ELECTRIC STRIKE AND
ALLOW THE DOOR TO BE OPENED**

.19 **Hardware Group No. 19**

For use on Door #(s):
E100E.1

Provide each SGL door(s) with the following:

1	EA	CONT. HINGE	112XY EPT	313AN	IVE
1	EA	POWER TRANSFER	EPT10	SP313	VON
1	EA	ELEC PANIC HARDWARE	RX-QEL-98-NL- OP-110MD-CON 24 VD	613/626	VON
1	EA	SURF. AUTO OPERATOR	9542 MS AS REQ (120/240 VAC)	ANDKB	LCN
2	EA	ACTUATOR, TOUCH	8310-836T	630	LCN
2	EA	DOOR CONTACT	679-05	WHT	SCE
1	EA	POWER SUPPLY	PS904 900-4RL-FA 120/240 VAC	LGR	SCE

**ALL OTHER HARDWARE EXISTING
CARD READER, CREDENTIAL, CONTROLLER BY OTHERS
MODE OF OPERATION:**

**A PERSON CAN ENTER WITH KEY OR BY PRESENTING THEIR CREDENTIAL
TO THE READER WHICH WILL RETRACT LATCH ON ELECTRIC STRIKE AND
ALLOW THE DOOR TO BE OPENED. OR BY PRESENTING THEIR CREDENTIAL
TO THE READER AND PRESSING THE ACTUATOR BUTTON WILL
AUTOMATICALLY OPEN THE DOORS FOR A PERIOD OF TIME. FREE EGRESS
AT ALL TIMES**

.20 **Hardware Group No. 20**

For use on Door #(s):
E200.1

Provide each SGL door(s) with the following:

1	EA	ELECTRIC STRIKE	6300 FSE	630	VON
1	EA	WIRE HARNESS	CON-_____ TO SUIT		SCH
1	EA	DOOR CONTACT	679-05	WHT	SCE
1	EA	POWER SUPPLY	PS902	LGR	SCE

**ALL OTHER HARDWARE EXISTING
CARD READER, CREDENTIAL, CONTROLLER BY OTHERS**

MODE OF OPERATION:

**A PERSON CAN ENTER WITH KEY OR BY PRESENTING THEIR CREDENTIAL
TO THE READER WHICH WILL RETRACT KEEPER ON ELECTRIC STRIKE AND
ALLOW THE DOOR TO BE OPENED**

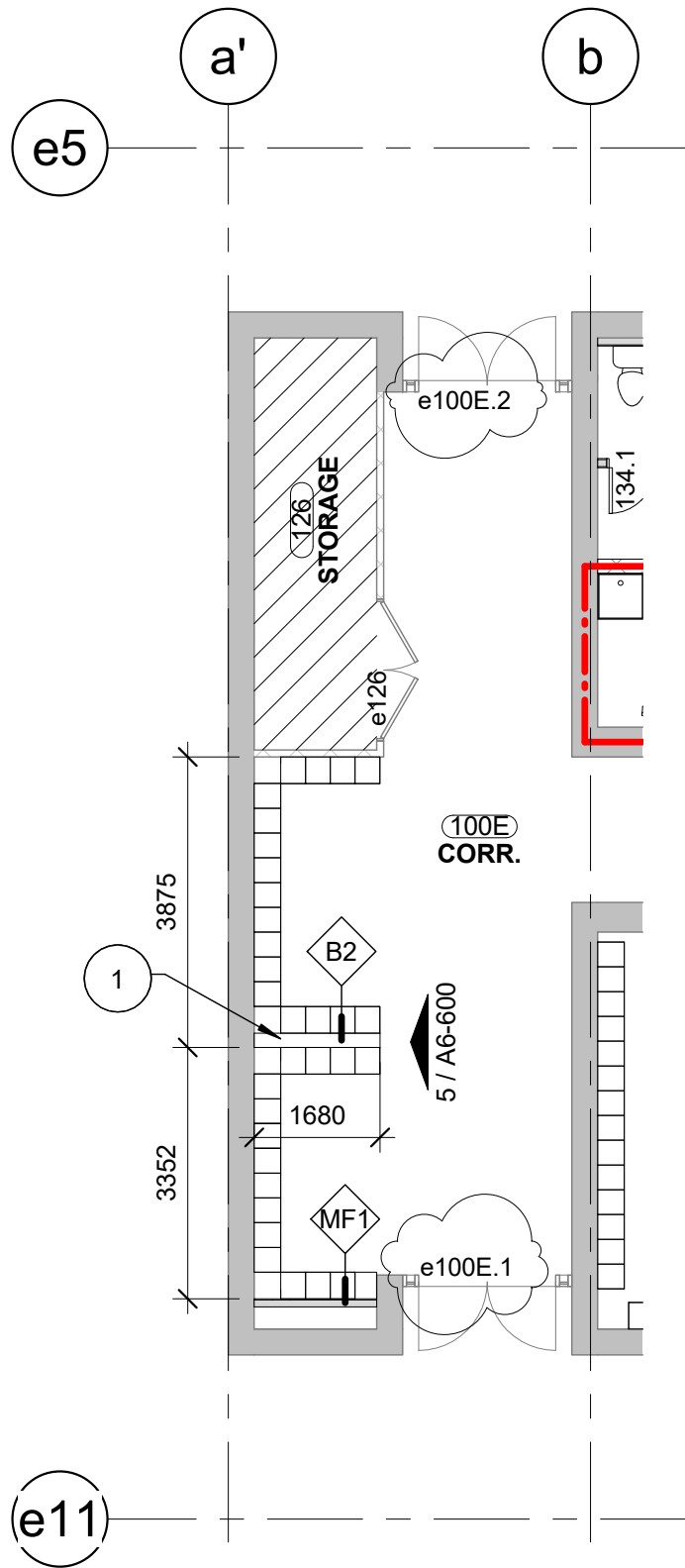
.21 **Hardware Group No. 21**

For use on Door #(s):
E400

Provide each SGL door(s) with the following:

1	EA	MORTISE LOCK	L9480R 17A	626	SCH
---	----	--------------	------------	-----	-----

END OF SECTION



1
ASK-603

CORRIDOR 100E - SOUTH ENTRANCES

1 : 100

Issued for Addendum #5

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Client:
 PEI Department of
 Transportation & Infrastructure

Project Title:
 Eliot River Elementary School

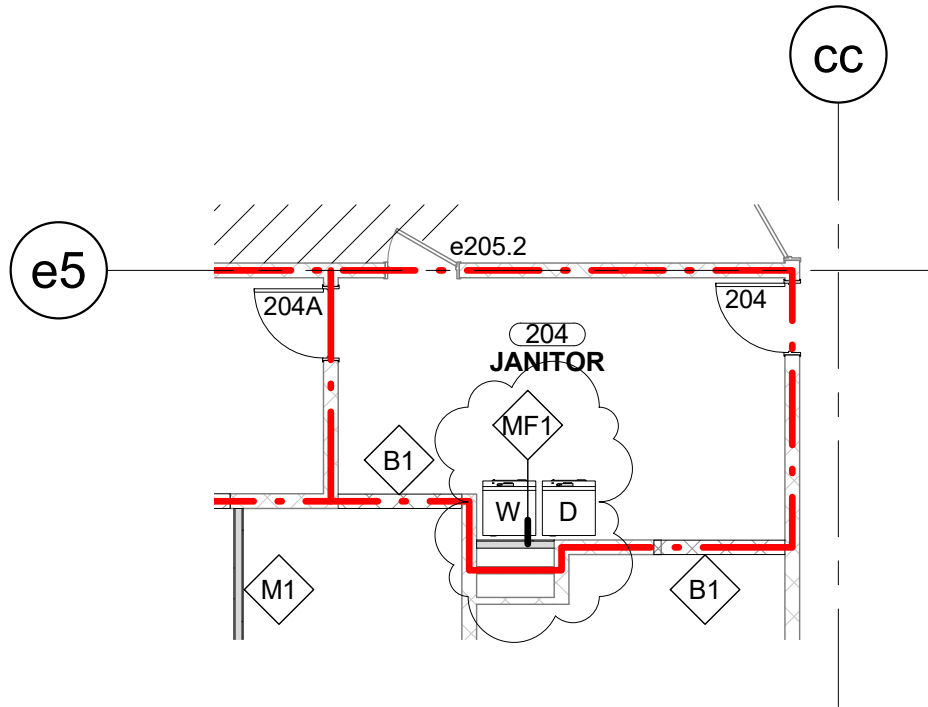
Sheet Title:
 South Entrance Doors

Date: 03/04/22

Drn By: J.L.A. | Chk By: S.D.M.

Project Number:
201103

Drawing Number:
ASK-603



NOTE: WORK ON WASHER AND DRYER TO BE INCLUDED AS A PART OF SUMMER 2022

1 JANITOR 204
ASK-604 1 : 100

Issued for Addendum #5

COLES
Architecture + Engineering + Project Management
Suite 201, 85 Fitzroy Street
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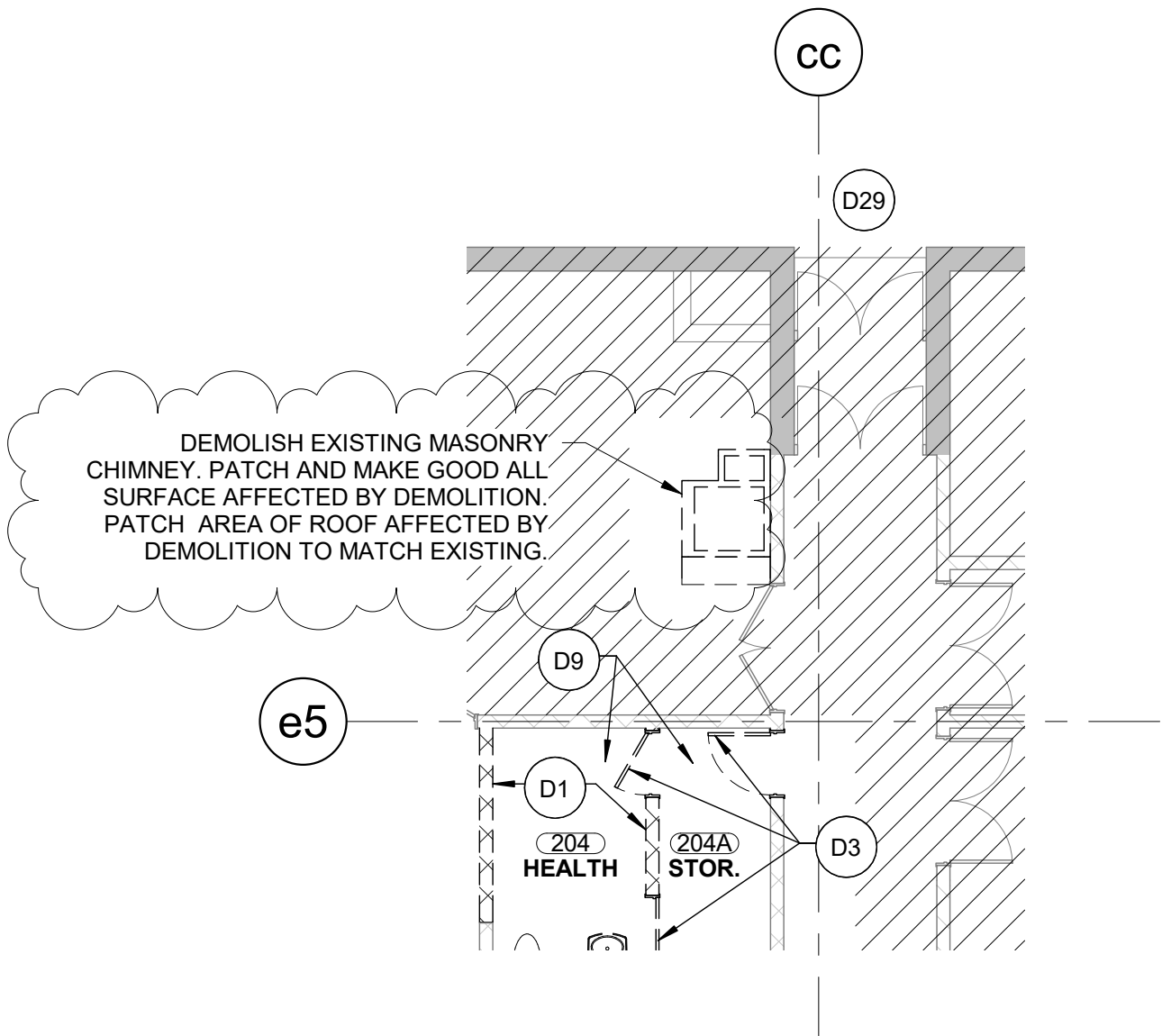
Client:
PEI Department of
Transportation & Infrastructure

Project Title:
Eliot River Elementary School

Sheet Title:
Janitor 204 - New Washer
& Dryer Location

Date: 03/04/22
Drn By: J.L.A. | Chk By: S.D.M.

Project Number:
201103
Drawing Number:
ASK-604



NOTE: DEMOLITION WORK ON CHIMNEY SHOULD COMMENCE SUMMER 2023

1
ASK-605

EXISTING CHIMNEY DEMOLITION

1 : 100

Issued for Addendum #5

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Client:
PEI Department of
Transportation & Infrastructure

Project Title:
Eliot River Elementary School

Sheet Title:
Existing Chimney
Demolition

Date: 03/04/22

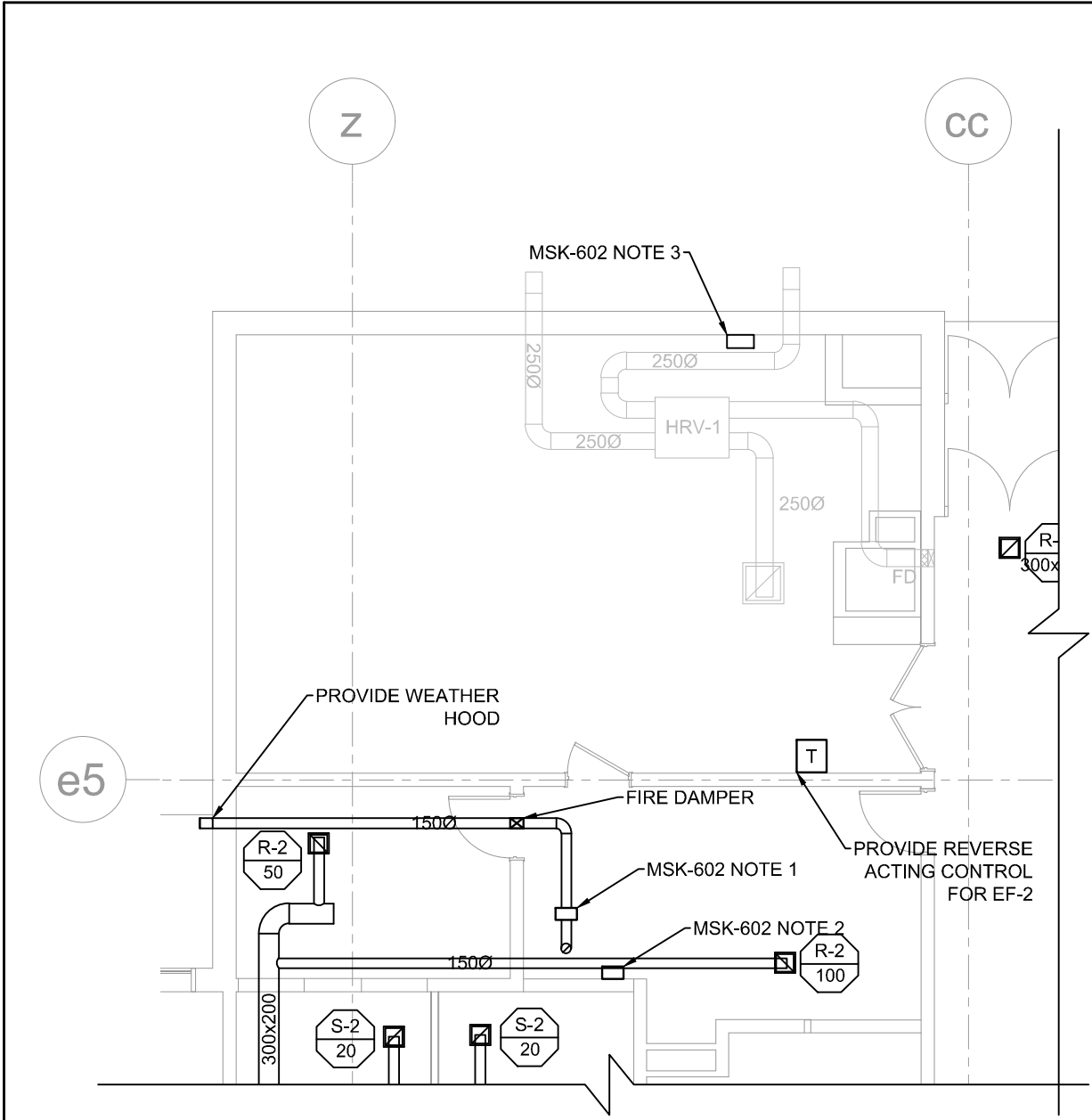
Drn By: J.L.A. | Chk By: S.D.M.

Project Number:

201103

Drawing Number:

ASK-605



MSK-602 NOTES:

1. PROVIDE 120V/60HZ DRYER BOOSTER FAN 200CFM (CONTINENTAL AXC-150A OR EQUAL. PROVIDE CURRENT RELAY TO BE INSTALLED ON DRYER TUMBLER MOTOR TO START BOOSTER FAN.
2. PROVIDE CLOTHES WASHER LAUNDRY BOX IN THIS LOCATION, EXTEND DN15 DCW AND DHW FROM JANITOR MOP SINK TO THIS LOCATION, ROUTE DN40 SANITARY LINE BACK TO SINK AND MAKE CONNECTION WITH SANITARY LINE IN DEMISING WALL BETWEEN ROOMS 203 AND 204.
3. AFTER DEMOLITION OF THE FINAL BOILER, INSTALL AN UPTURNED INTAKE DUCT (400 X 400) WITH OPPOSED BLADE MOTORIZED DAMPER WIRED TO CONTROL CIRCUIT FOR EF-2.



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Client
Department of Transportation and Infrastructure

Project Title
**Eliot River Contract #6
 Phase 2 Construction**

Sheet Title
**Ventilation and Plumbing Updates
 Mechanical Room 205
 and Janitor 204**

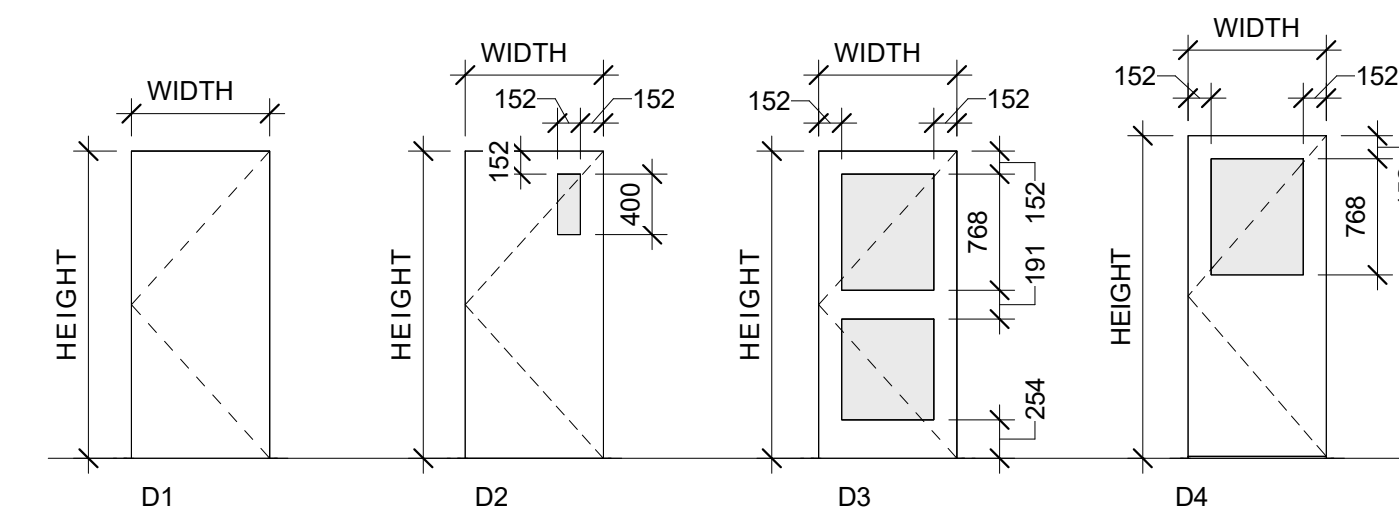
Date: 2022-03-04
 Drn By: R.L.C. Chk By: R.L.C.
 Project Number:
201103
 Drawing Number:
MSK-602

NEW DOOR AND FRAME SCHEDULE C#6													
DOOR NO.	ROOM NAME	FIRE RATING	DOOR					FRAME			HARDWARE GROUP	COMMENTS	
			WIDTH (mm)	HEIGHT (mm)	THICKNESS (mm)	TYPE	MATERIAL	FINISH	TYPE	MATERIAL			FINISH
001	STAIRWELL		914	2134	44	D4	HM	P-3	F1	PS	P-4	5	
101A	STORAGE	45min	914	2032	44	D1	WD	P-3	F1	PS	P-4	1	
106	CLASSROOM		914	2032	44	D1	WD	P-3	F1	PS	P-4	4	
110	CLASSROOM		914	2032	44	D1	WD	P-3	F1	PS	P-4	4	
134.1	G.N. W/R	45min	610	2032	44	D1	WD	P-3	F1	PS	P-4	2	
134.2	G.N. W/R	45min	610	2032	44	D1	WD	P-3	F1	PS	P-4	2	
134.3	G.N. W/R	45min	610	2032	44	D1	WD	P-3	F1	PS	P-4	2	
134.4	G.N. W/R	45min	610	2032	44	D1	WD	P-3	F1	PS	P-4	2	
134.5	G.N. W/R	45min	610	2032	44	D1	WD	P-3	F1	PS	P-4	2	
134.6	G.N. W/R		914	2032	44	D1	WD	P-3	F1	PS	P-4	2	
134.7	G.N. W/R		914	2032	44	D1	WD	P-3	F1	PS	P-4	2	
135	JAN	45min	914	2032	44	D1	WD	P-3	F1	PS	P-4	1	
203	KIT STORAGE		914	2032	44	D1	WD	P-3	F1	PS	P-4	4	
204	JANITOR	45min	914	2032	44	D1	WD	P-3	F1	PS	P-4	1	
204A	JANITOR	45min	914	2032	44	D1	WD	P-3	F1	PS	P-4	1	
262	RESOURCE		914	2032	44	D1	WD	P-3	F1	PS	P-4	4	
263	RESOURCE		914	2032	44	D4	WD	P-3	EXTG	EXTG	P-4	10	
264	RESOURCE		914	2032	44	D4	WD	P-3	F1	PS	P-4	4	
300C	LIBRARY	45min	610	2032	44	D1	WD	P-3	F1	PS	P-4	3	
302	CLASSROOM		914	2032	44	D1	WD	P-3	F1	PS	P-4	4	
307	CLASSROOM		914	2032	44	D1	WD	P-3	F1	PS	P-4	4	
308	MECH	45min	610	2032	44	D1	WD	P-3	F1	PS	P-4	6	
312	RESOURCE		914	2032	44	D2	WD	P-3	F1	PS	P-4	7	
313	CLASSROOM		914	2032	44	D1	WD	P-3	F1	PS	P-4	4	
324	W/R		914	2032	44	D1	WD	P-3	F1	PS	P-4	8	
325.1	G.N. W/R	45min	610	2032	44	D1	WD	P-3	F1	PS	P-4	2	
325.2	G.N. W/R	45min	610	2032	44	D1	WD	P-3	F1	PS	P-4	2	
325.3	G.N. W/R	45min	610	2032	44	D1	WD	P-3	F1	PS	P-4	2	
325.4	G.N. W/R	45min	610	2032	44	D1	WD	P-3	F1	PS	P-4	2	
325.5	G.N. W/R	45min	610	2032	44	D1	WD	P-3	F1	PS	P-4	2	
325.6	G.N. W/R		914	2032	44	D1	WD	P-3	F1	PS	P-4	2	
325.7	G.N. W/R		914	2032	44	D1	WD	P-3	F1	PS	P-4	2	
326	JAN	45min	914	2032	44	D1	WD	P-3	F1	PS	P-4	1	
327	STOR.	45min	914	2032	44	D1	WD	P-3	F1	PS	P-4	1	
328	RESOURCE		914	2035	44	D3	AL	P-3	F1	AL	P-7	7	
400	PENTHOUSE		914	2134	44	EXTG	HM	P-3	EXTG	EXTG	P-4	21	

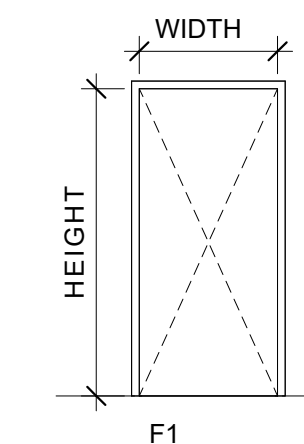
- DOOR SCHEDULE NOTES**
- ALL INTERIOR DOOR FRAMES TO BE INSTALLED 150mm FROM ADJACENT WALL UNLESS NOTED OTHERWISE.
 - REFER TO SPECIFICATION FOR DOOR HARDWARE GROUPS.
 - REFER TO MATERIAL/FINISH SCHEDULE FOR ALL MATERIAL TAGS.
 - ALL GLAZING IN EXTERIOR DOORS & FRAMES GL-3.
 - ALL GLAZING IN RATED DOORS AND FRAMES GL-1.
 - ALL GLAZING IN INTERIOR DOORS AND FRAMES GL-2.
 - ALL GLAZING IN INTERIOR WINDOW FRAMES GL-2.
 - DOORS, FRAMES AND HARDWARE TO MATCH WALL FIRE RESISTANCE RATING. REFER TO DOOR SCHEDULE FOR RATING.
 - ALL EXTERIOR DOOR FRAMES AND THRESHOLDS TO BE THERMALLY BROKEN.
 - ALL EXTERIOR DOOR AND FRAMES TO BE INSULATED.
 - ALL PRESSED STEEL JAMBS TO OVERLAP BLOCK WALLS.

DOOR & FRAME SCHEDULE ABBREVIATIONS

HM	HOLLOW METAL
PS	PRESS STEEL
WD	WOOD
AL	ALUMINUM
EXTG	EXISTING DOOR / FRAME



DOOR TYPES
1:50

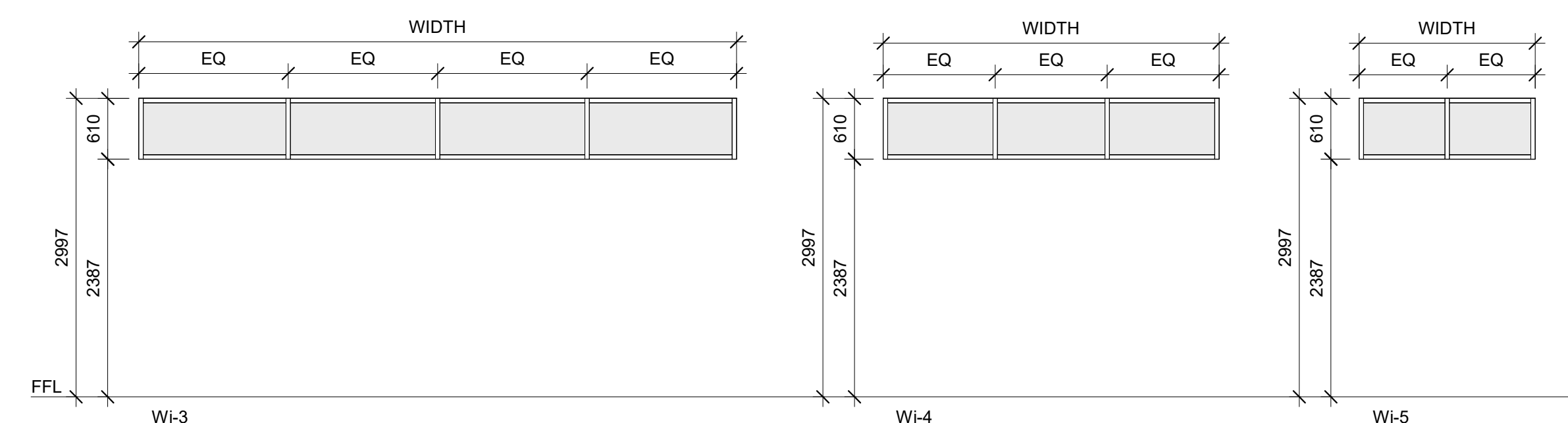
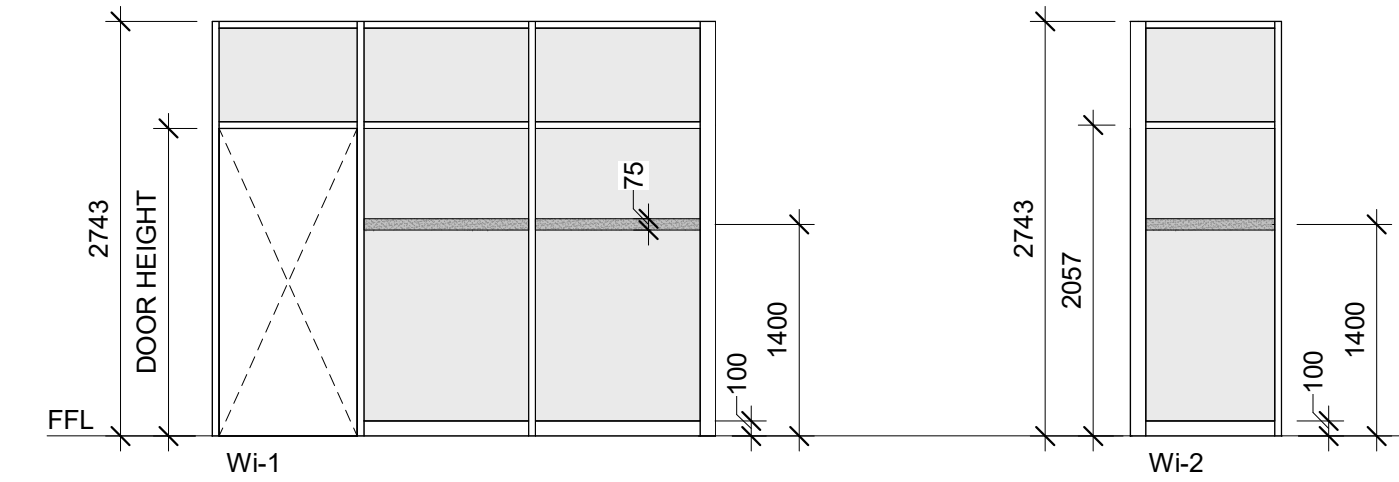


FRAME TYPES
1:50

LEGEND

[Symbol]	GLASS
[Symbol]	GLAZING FILM

EXISTING DOOR AND FRAME SCHEDULE C#6					
DOOR NO.	ROOM NAME	DOOR		HARDWARE GROUP	COMMENTS
		FINISH	FINISH		
e001	STAIRWELL	-	-		
e100E.1	CORR.	-	-	19	
e100E.2	CORR.	-	-	18	
e101	STAFF LOUNGE	P-3	P-4	9	
e102	CLASSROOM	P-3	P-4	10	
e103	CLASSROOM	P-3	P-4	10	
e103A	TPC	P-3	P-4	9	
e104	CLASSROOM	P-3	P-4	10	
e104A	TPC	P-3	P-4	9	
e105	CLASSROOM	P-3	P-4	10	
e106	CLASSROOM	P-3	P-4	10	
e110	CLASSROOM	P-3	P-4	10	
e111	CLASSROOM	P-3	P-4	10	
e112	CLASSROOM	P-3	P-4	10	
e112A	TPC	P-3	P-4	11	
e113	CLASSROOM	P-3	P-4	10	
e113A	TPC	P-3	P-4	11	
e114	CLASSROOM	P-3	P-4	10	
e115	CLASSROOM	P-3	P-4	10	
e116.1		P-3	P-4		
e116.2	G. W/R	P-3	P-4	12	
e120	TPC	P-3	P-4	10	
e121	LITERACY LAB	P-3	P-4	10	
e122.1	ELIOT RM	P-3	P-4	10	
e122.2	ELIOT RM	P-3	P-4	10	
e123	SVC OFFICE	P-3	P-4	10	
e124	BREAKOUT RM	P-3	P-4	10	
e126	STORAGE	P-3	P-4	13	
e200.1		P-3	P-4	20	
e200.2	MAIN LOBBY	P-3	P-4		
e201	COUNSELOR	P-3	P-4	16	
e202	RESOURCE	P-3	P-4		
e205.1	MECHANICAL	P-3	P-4	13	
e205.2	MECHANICAL	P-3	P-4	13	
e209	GYMNASIUM	P-3	P-4	14	
e210	GYM TEACHER	P-3	P-4	16	
e211.1	KITCHEN	P-3	P-4		
e211.2	KITCHEN	P-3	P-4	14	
e212	W/R	P-3	P-4	15	
e213	W/R	P-3	P-4	15	
e303	CLASSROOM	P-3	P-4	10	
e304	CLASSROOM	P-3	P-4	10	
e304A	TPC	P-3	P-4	11	
e305	CLASSROOM	P-3	P-4	10	
e305A	TPC	P-3	P-4	11	
e306	CLASSROOM	P-3	P-4	10	
e307	CLASSROOM	P-3	P-4	10	
e308A	LIBRARY	P-3	P-4	17	
e313	CLASSROOM	P-3	P-4	10	
e314	CLASSROOM	P-3	P-4	10	
e315	CLASSROOM	P-3	P-4	10	
e315A	TPC	P-3	P-4	11	
e316	CLASSROOM	P-3	P-4	10	
e316A	TPC	P-3	P-4	11	
e317	CLASSROOM	P-3	P-4	10	
e318	CLASSROOM	P-3	P-4	10	
e319.1		P-3	P-4		
e319.2	G. W/R	P-3	P-4	12	



INTERIOR WINDOW TYPES
1:50

- NOTES:**
- ALL WINDOWS ARE DIMENSIONED TO ROUGH OPENINGS
 - INTERIOR WINDOWS ARE TAGGED ON FLOOR PLANS.
 - REFER TO PLANS FOR WINDOW WIDTH.
 - ALL WINDOWS ARE GLAZING WALL TYPE G1. REFER TO WALL ASSEMBLIES



Client
PEI Department of Transportation & Infrastructure

Project Title
Eliot River Elementary School

28 Terry Fox Place
Cornwall, PE
C0A 1H0

DTI Project No.: 170-20031

Sheet Title
Door Schedules, Elevations & Notes

No.	Description	Date	Date	March 2022	Revision
1	Issued for Tender	2022-02-03	2022-03-04	DM By: J.L.A.	1
	Issued for Addendum #5			Chk By: S.D.M.	
				Project Number:	201103
				Drawing Number:	A6-002