



Centre d'excellence en approvisionnement
FRANCOachat

REQUEST FOR QUOTATION

26-25 - RFQ - New Elevator and Office Renovations - ÉÉ Antonine-Maillet – CSViamonde

ADDENDUM #2

Issue Date: March 4th, 2026

Submission Date: March 25, 2026 at 2:00:00 p.m. (local time)

The Competitive procurement process Coordinator is:
Kyle Patterson
Centre d'excellence en approvisionnement FRANCOachat
1, promenade Vanier, bureau 102
Welland, ON L3B 1A1
Telephone: (905) 732-9435 ext. #7
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26-25 - RFQ - New Elevator and Office Renovations - ÉÉ Antonine-Maillet – CSViamonde

ADDENDUM #2

March 18, 2026

This addendum will form part of the terms, conditions and specifications outlined in the Request for Quotation - 26-25 - RFQ - New Elevator and Office Renovations - ÉÉ Antonine-Maillet - CSViamonde. All other components of the RFQ shall remain as provided.

Section #1 – Document Additions

Add: Architectural Addendum #2 - RFQ #26-25 - ÉÉ Antonine-Maillet.pdf

Please see document below this Addendum.

*****END OF ADDENDUM #2*****



ADDENDUM

82 Bellagio Cres, Vaughan, ON L4K 5K7
Fax: (905) 303 - 6636 Telephone: (905) 303 - 6606

PROJECT: École élémentaire Antonine-Maillet New Elevator and Office Renovations
615 Ridgeway Ave, Oshawa, Ontario L1J 2W3

PROJECT NO.: 25116

DATE: March 18, 2026

ADDENDUM NO.: 2

THE FOLLOWING ADDITIONS, DELETIONS, AND AMENDMENTS ARE HEREBY MADE
PART OF THE DRAWINGS AND SPECIFICATIONS FOR THE ABOVE PROJECT:

ITEM 1: REVISED CEILING LAYOUT AT COPY ROOM 202A
REFERENCE: Drawing A5 Detail 1 revised March 18, 2026 (attached).
Drawing E-3 revised March 5, 2026 (attached).

Description: At Copy Room 202A, revise 2' x 4' recessed LED light fixtures to 2' x 2' recessed LED light fixtures.
Refer to revised ceiling layout on Drawing A5 Detail 1 revised March 18, 2026 (attached), and Drawing E-3, issued by SAB Engineering Inc. revised March 5, 2026 in Addendum #2 (attached).

ITEM 2: ADDITIONAL FURRING WALLS AT ELECTRICAL PANEL J
REFERENCE: Drawing A3 Detail 1 revised March 18, 2026 (attached).
Drawing A5 Detail 1 revised March 18, 2026 (attached).
Drawing E-4 revised March 5, 2026 (attached).

Description: At Panel J, provide typical Furring Wall F1 similar around the panel from floor to underside of the roof deck. Locate the electrical Panel J minimum 300mm away from the corner.
Refer to Drawing A3 Detail 1 and Drawing A5 Detail 1 revised March 18, 2026 (attached), and Drawing E-4, issued by SAB Engineering Inc. revised March 5, 2026 in Addendum #2 (attached).

ITEM 3: MECHANICAL & ELECTRICAL ADDENDUM #2
REFERENCE: M&E Addendum #2 (attached).

Description: Refer to Mechanical & Electrical Addendum #2 issued by SAB Engineering Inc. (attached).

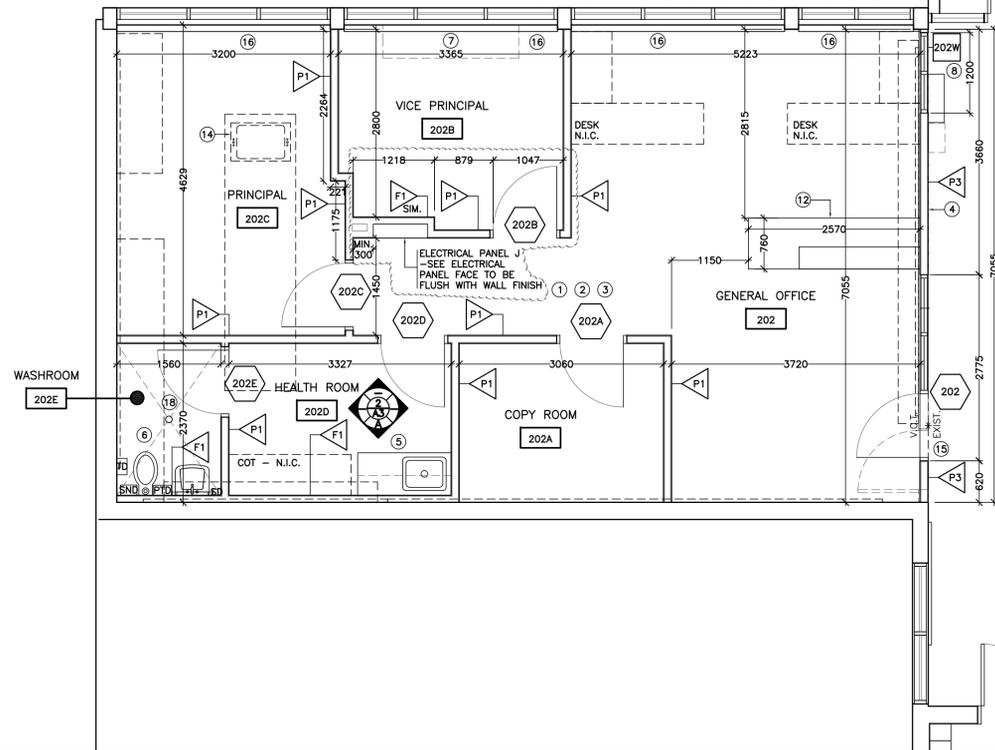


Mingpeng (Priscilla) Liu
WK Lim and MP Liu Architects Inc.

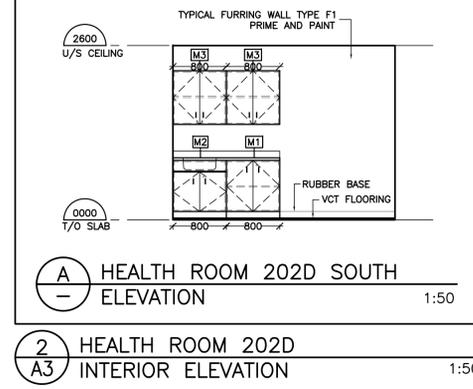
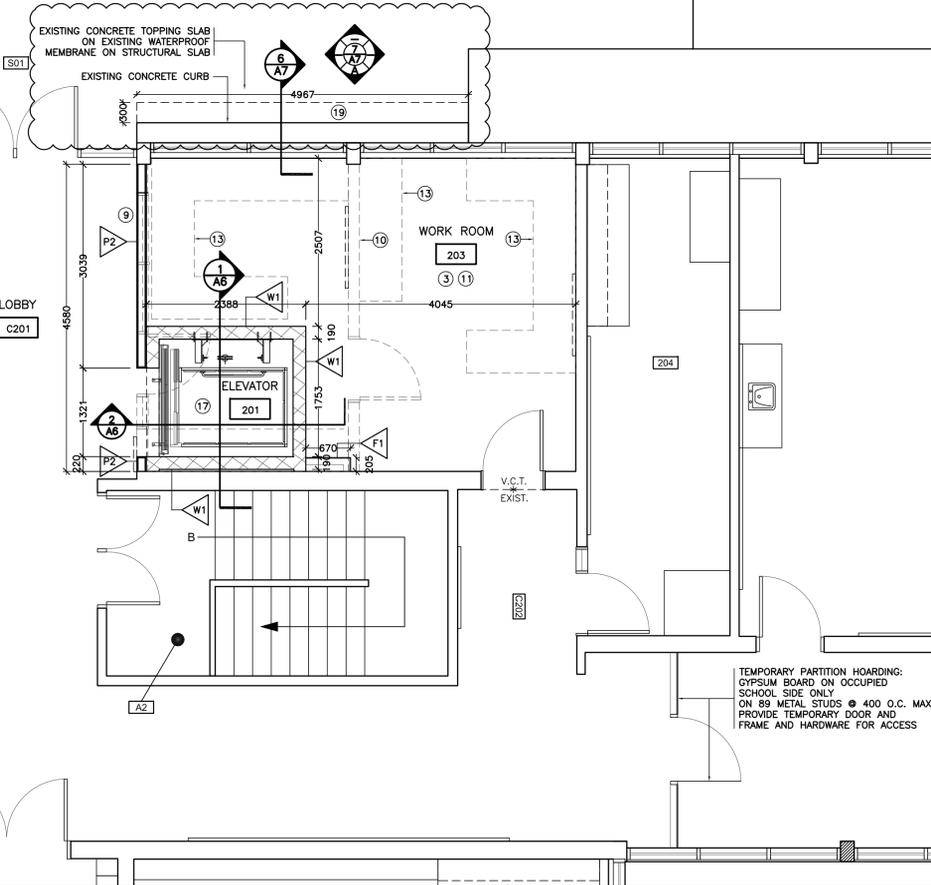
END OF ADDENDUM NO. 2

c.c. Mr. Majid Bouattane - Conseil Scolaire Viamonde

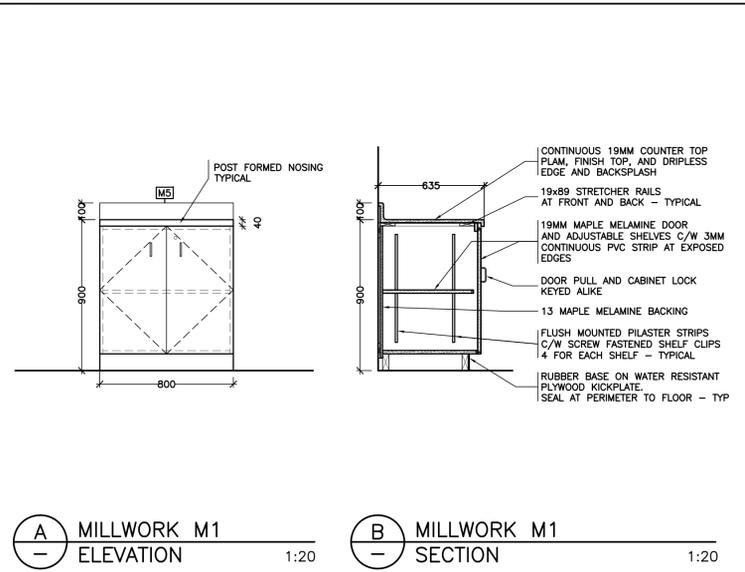
- 1 REMOVE AND DEMOLISH EXISTING MILLWORK, TACKBOARDS AND CHALKBOARDS AS SHOWN DOTTED
REMOVE EXISTING GYPSUM BOARD AND FURRING ON EXISTING MASONRY WALL
MAKE GOOD EXISTING SUBSTRATE
- 2 RECONFIGURE EXISTING CLASSROOM AND CONVERT IT TO OFFICE AREA
PROVIDE GYPSUM BOARD PARTITIONS, SOLID WOOD DOORS AND FS FRAMES AND HARDWARE
PAINT ENTIRE AREA
- 3 REMOVE AND DISPOSE OF EXISTING FLOORING AND WALL BASE
STRIP AND CLEAN SUBSTRATE OF RESIDUAL SEALANT
PROVIDE VCT FLOORING AND RUBBER BASE
- 4 REMOVE AND DEMOLISH EXISTING DOOR AND FRAME
REMOVE EXISTING FACE BRICK, WOOD STUD WALL, AND EXISTING TERRAZZO WALL BASE
PROVIDE PARTITION WALL TYPE P3 WITH TERRAZZO WALL BASE TO MATCH EXISTING AT LOBBY C201
- 5 PROVIDE MILLWORK WITH SINK - SEE MECHANICAL
- 6 REMOVE PLUMBING FIXTURES, WASHROOM ACCESSORIES - SEE MECHANICAL
- 7 REMOVE EXISTING UNIT VENTILATOR ASSEMBLY - SEE MECHANICAL
STRIP WALL TO EXISTING SUBSTRATE
CLEAN, REPAIR AND PREPARE SUBSTRATE
REMOVE EXISTING LOUVRE
REMOVE AND CLEAN RESIDUAL SEALANT AT MASONRY OPENING
INFILL OPENING TO MATCH EXISTING WALL ASSEMBLY
- 8 PROVIDE HM WINDOW FRAME AND GLAZING WITH 1 HR FIRE RESISTANCE RATING
- 9 REMOVE AND DEMOLISH EXISTING DOOR AND FRAME AND WINDOW
REMOVE EXISTING FACE BRICK, WOOD STUD WALL, AND EXISTING TERRAZZO WALL BASE
PROVIDE PARTITION WALL TYPE P3 WITH TERRAZZO WALL BASE TO MATCH EXISTING AT LOBBY C201
- 10 REMOVE AND DEMOLISH EXISTING MASONRY PARTITION WALL
REMOVE AND DEMOLISH EXISTING DOOR AND FRAME AND HARDWARE
- 11 PREPARE EXISTING SUBSTRATE
PRIME AND PAINT ENTIRE ROOM
- 12 COUNTER PROVIDED BY THE BOARD
- 13 REMOVE AND DEMOLISH EXISTING FURNITURE SHOWN DOTTED
MAKE GOOD EXISTING WALLS
- 14 SAWCUT AND MAKE GOOD EXISTING CONCRETE SLAB AS REQUIRED
TO ACCOMMODATE SERVICE LINES - SEE MECH.
- 15 PROVIDE HM DOOR, FRAME, HARDWARE AND SIDELIGHT WITH 1HR
FIRE RESISTANCE RATING
- 16 REMOVE EXISTING RADIATOR ASSEMBLY - SEE MECHANICAL
STRIP WALL TO EXISTING SUBSTRATE
CLEAN, REPAIR AND PREPARE SUBSTRATE
PROVIDE RADIATOR WITH COVER - SEE MECHANICAL
MAKE GOOD
- 17 SAVARIA ORION LU/LA ELEVATOR
42" X 60"
MAKE GOOD
SUBMIT SHOP DRAWINGS
- 18 SAWCUT AND MAKE GOOD EXISTING SLAB FOR FD AND PIPES UNDER
FLOOR SLAB
- 19 CAREFULLY SAWCUT EXISTING 50 CONCRETE TOPPING
EXERCISE DUE CARE TO AVOID CUTTING AND DAMAGE TO EXISTING
WATERPROOF MEMBRANE BENEATH TOPPING
HAND CUT AS REQUIRED
CO-ORDINATE SITE REVIEW BY CONSULTANT TO VERIFY CONDITION
OF EXISTING MEMBRANE PRIOR TO PROCEEDING WITH WORK
PROVIDE THROUGH-WALL FLASHING MEMBRANE
LAPPED INTO EXISTING WALL ASSEMBLY
OVER EXISTING CONCRETE CURB
AND LAPPED AND SEALED TO EXISTING WATERPROOF MEMBRANE
PROVIDE 50 CONCRETE TOPPING WITH 6% AIR ENTRAINMENT TO
MATCH EXISTING
REFER TO DETAIL 6/A7



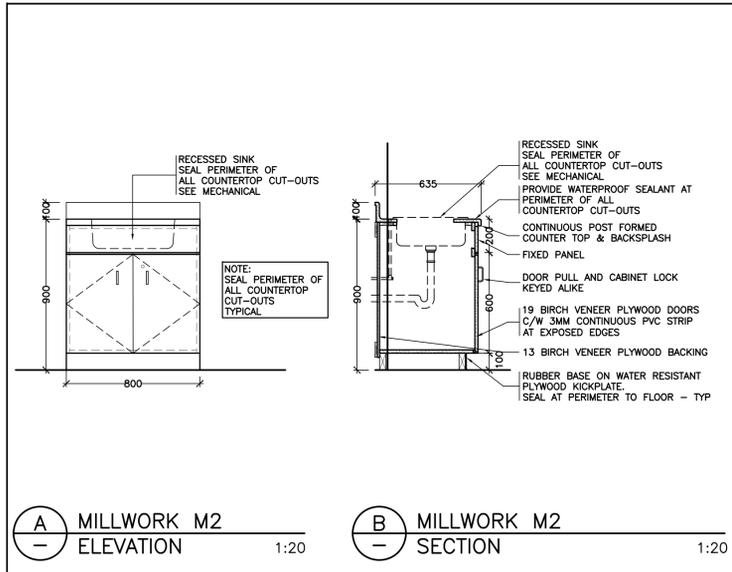
1 ENLARGED SECOND FLOOR
A1 PLAN 1:50



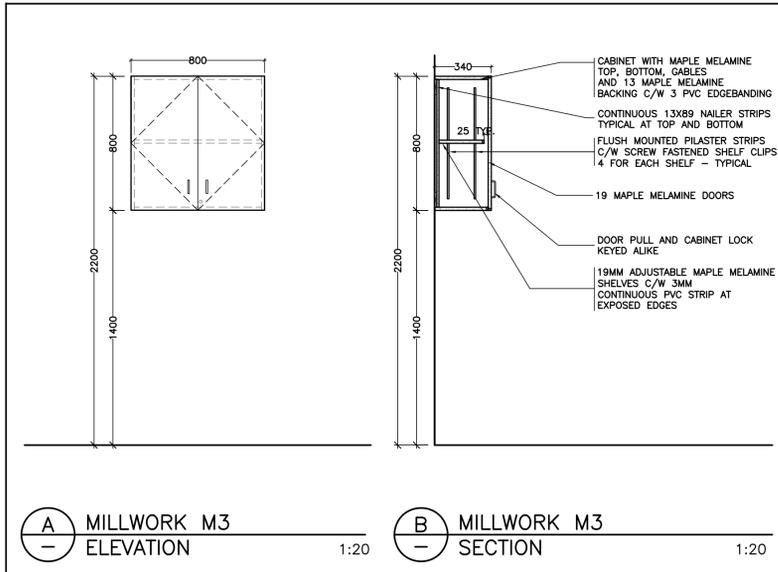
2 HEALTH ROOM 202D SOUTH
A3 INTERIOR ELEVATION 1:50



3 MILLWORK M1
A3 DETAILS 1:20



4 MILLWORK M2
A3 DETAILS 1:20



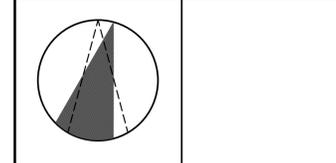
5 MILLWORK M3
A3 DETAILS 1:20

Ref.	No.	Description	Date	Initial
△		CLIENTS REVIEW	2025/12/03	
△		CLIENTS REVIEW	2025/12/08	
△		CONSULTANTS COORDINATION	2025/12/16	
△		50% SUBMISSION	2025/12/23	
△		CONSULTANTS COORDINATION	2026/01/19	
△		CONSULTANTS COORDINATION	2026/02/09	
△		CONSULTANTS COORDINATION	2026/02/13	
△		CONSULTANTS COORDINATION	2026/02/24	
△		CONSULTANTS COORDINATION	2026/02/27	
△		ISSUED FOR TENDER	2026/03/02	
△		REVISED FOR TENDER	2026/03/03	
△		REVISED FOR ADDENDUM NO. 1	2026/03/13	
△		REVISED FOR ADDENDUM NO. 2	2026/03/18	

Project:
ECOLE ELEMENTAIRE
ANTONINE-MAILLET NEW
ELEVATOR & OFFICE RENOVATION
615 RIDGEWAY AVE,
OSHAWA, ON L1J 2W3



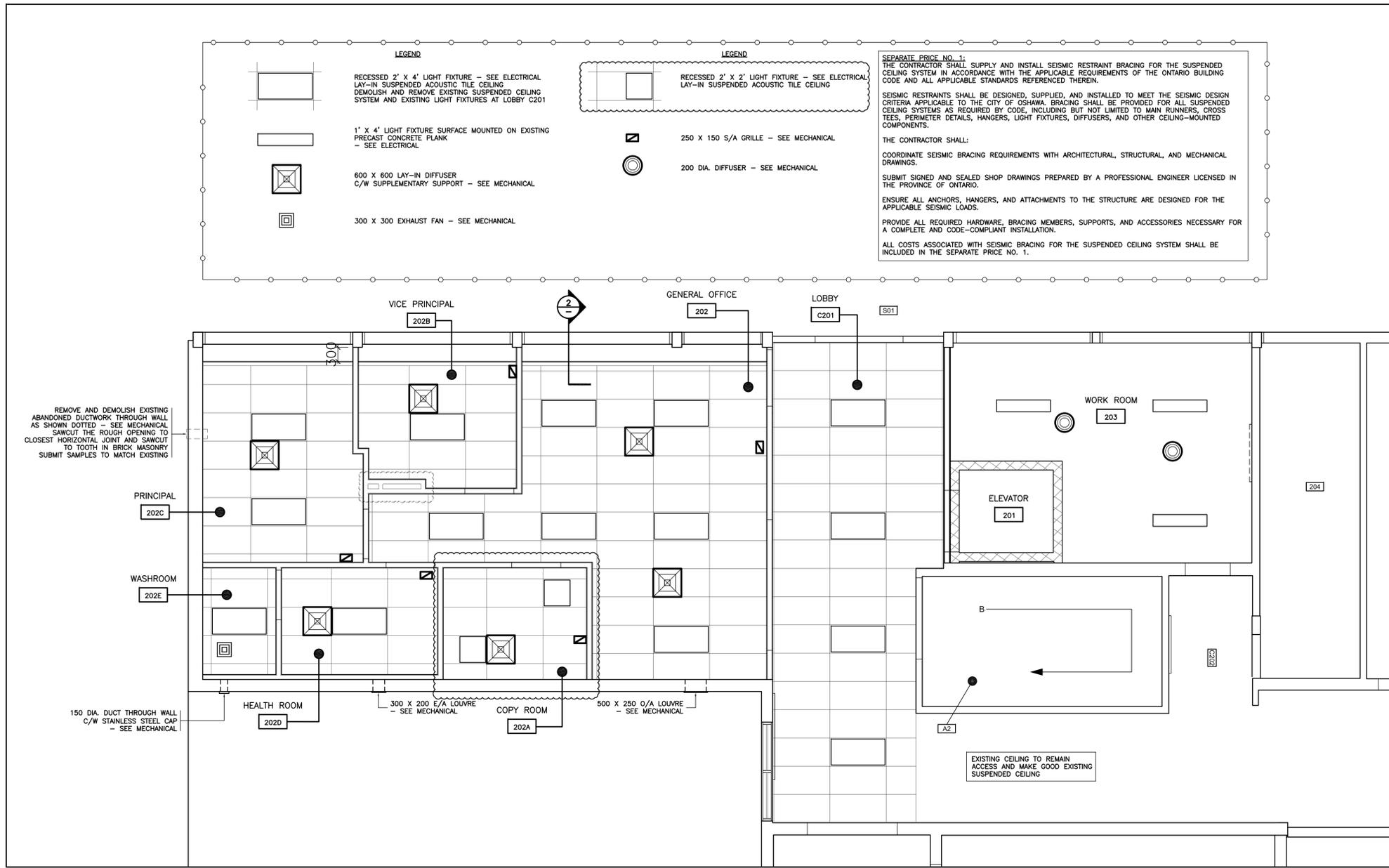
82 Bellagio Crescent,
Vaughan, Ontario, Canada L4K 5K7
Tel:(905)303-6606 Fax:(905)303-6636



Consultant:

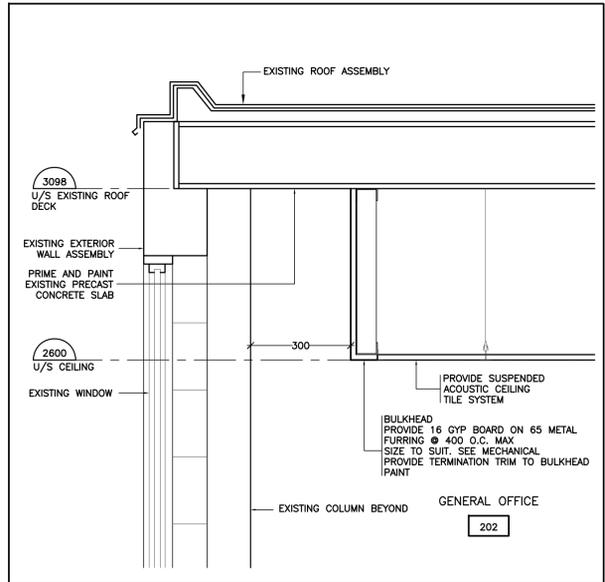
Title:
ENLARGED SECOND FLOOR
PLAN
INTERIOR ELEVATION &
MILLWORK DETAILS

Drawn by: C.C.	Date: NOVEMBER 2025
Checked by: P.L.	Plotted:
Scale: AS SHOWN	Issued:
Job No.: 25116	Drawing No.:
Set No.:	A3



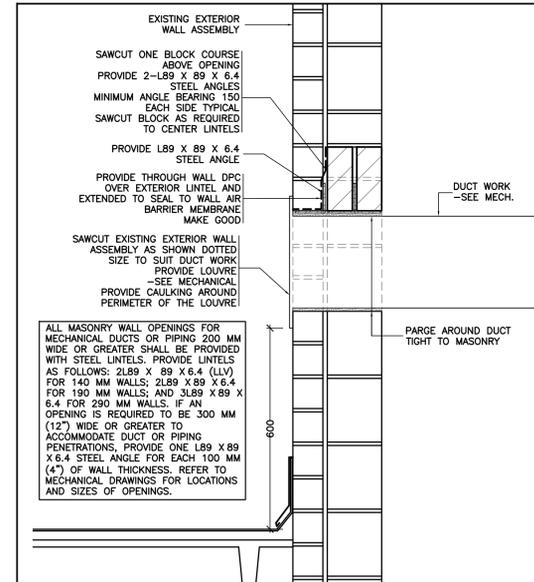
1 SECOND FLOOR REFLECTED CEILING PLAN
A1

1:50



2 TYPICAL BULKHEAD AT OFFICE AREA
A5

1:10



3 WALL BOX AT EXISTING EXTERIOR WALL
-

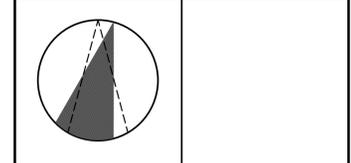
1:10

Revisions				
Ref.	No.	Description	Date	Initial
△		CONSULTANTS COORDINATION	2025/12/16	
△		50% SUBMISSION	2025/12/23	
△		CONSULTANTS COORDINATION	2026/01/19	
△		CONSULTANTS COORDINATION	2026/02/03	
△		CONSULTANTS COORDINATION	2026/02/09	
△		CONSULTANTS COORDINATION	2026/02/13	
△		CONSULTANTS COORDINATION	2026/02/27	
△		ISSUED FOR TENDER	2026/03/02	
△		REVISED FOR TENDER	2026/03/03	
△		REVISED FOR ADDENDUM NO. 2	2026/03/18	

Project:
ECOLE ELEMENTAIRE ANTONINE-MAILLET NEW ELEVATOR & OFFICE RENOVATION
 615 RIDGEWAY AVE,
 OSHAWA, ON L1J 2W3



82 Bellagio Crescent,
 Vaughan, Ontario, Canada L4K 5K7
 Tel:(905)303-6606 Fax:(905)303-6636



Consultant:

Title:
ENLARGED SECOND FLOOR REFLECTED CEILING PLAN AND SECTION

Drawn by: C.C.	Date: NOVEMBER 2025
Checked by: P.L.	Plotted:
Scale: AS SHOWN	Issued:
Job No.: 25116	Drawing No.:
Set No.:	A5

of:

This addendum forms part of the Bid Documents and amends the original Drawings and Specifications. Ensure that all parties submitting bids are aware of all items included in this Addendum.

ADDENDUM # 2

Answers to Posted Questions Regarding Mechanical and Electrical Items

Ecole Elementaire Antonine-Maillet – New Elevator & Office Renovation

Question #1:

Lighting Control (E-2-1) details do not match Legend for the LVC (E-01, Wattstopper); no specification for the Dimmer Switches.

Answer #1:

Follow Lighting control cut sheet, Model number and specifications of dimmers which in detail in the sheet E-2-1 for pricing and construction.

Question #2:

No power circuits is specified.

Answer #2:

All power for receptacles is fed from existing panel and for the new mechanical equipment power are from the new panel (J), name of Panel (A) changed to panel(J).

Question #3:

No location of the existing Panel (E-4) - No demolition work is shown on the ground and second floors, please clarify.

Answer #3:

There are no Panel E-4 in the drawings, and demolition works for ground and second floor are in sheet E-2 and clear.

Question #4:

Existing FA System is a Mircom; Who is existing Base Building FA Contractor? Can we work with Mircom?

Answer #4:

Yes, drawings show Mircom is the existing FA SYSTEM, Fire alarm base building contractor is M-L FIRE, you need to cooperate with base building company. Phone # 905-889-8276

Question #5:

This addendum forms part of the Bid Documents and amends the original Drawings and Specifications. Ensure that all parties submitting bids are aware of all items included in this Addendum.

No power circuits is shown for the Door connection.

Answer #5:

We show already Power door circuit, door strike, and door requirements are clear on sheet E-4 connect to existing panels.

Question #6:

BAS Panel and Outdoor CD Unit (2) on the Roof (E-4) - Clarify symbol RC, RD, V and VTR shown on the Roof Plan (E-5); clarify electrical scope of work, clarify if EF, CU units are existing or new – do they require any power? Note 3 and 4 have no locations to be applied.

Answer #6:

BAS Panel part of the control contractor, CDU-2 is existing also the mechanical HVAC and plumbing symbols as RD(Roof Drain) ...etc are not in the electrical scope .also EF, CU are existing except shown on the drawings add and provide new as per the electrical drawings the Scope of work is to feed the new elevator and all new electrical works shown in the electrical drawings in addition to the power feed of the new mechanical equipment and replacement of the fire alarm Panel, also demolition work as clearly shown in the tender electrical set.

The following are items to be completed as part of this addendum and are to be considered part of the contract as well:

- The contractor is to temporarily remove and reinstall the existing PA speaker and all associated PA speaker accessories & wiring in room 101 located in the ground floor. The contractor is to relocate the PA speaker to another wall in room 101 at high level or relocate it in the ceiling of room 101. All required accessories & wiring to be provided for a complete functioning speaker system. Refer to the image below.



This addendum forms part of the Bid Documents and amends the original Drawings and Specifications. Ensure that all parties submitting bids are aware of all items included in this Addendum.

- The contractor is to cut, cap and remove the ductwork associated with kitchen hood / millwork in room 101 in the ground floor. The associated ductwork in the ceiling space of room 101 is to be removed and it is to be capped at the exterior wall penetration of room 101. Refer to the image below.

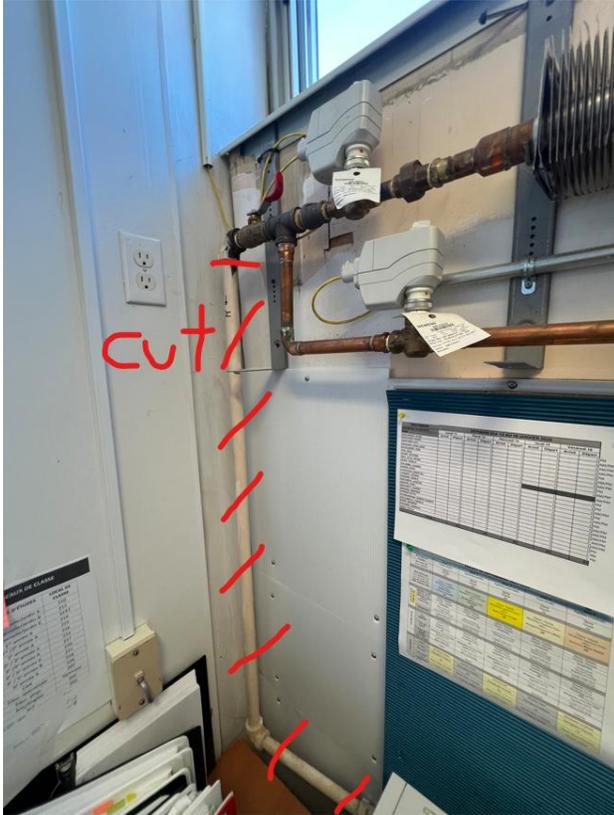


- With regards to the existing wallfin in room 201, The contractor is to cut exposed heating return pipe below elbow. Isolation valve, tee fittings, and actuators to remain. piping penetrating floor and in the ceiling space of room 101 to be removed for that line. Provide new heating return piping and connect to existing piping in the ceiling space of room 101 below and connect to existing elbow before isolation valve of ex. wallfin. Insulation for new piping to be provided. Contractor to verify size of pipe onsite prior to ordering new material. Wall-fin convector to be completely functional at the completion of work. The contractor is to provide all required accessories and materials to complete work. The contractor is to provide pipe supports as required. For new piping. The contractor is to ensure drain and refilling of hot water system is provided as required. The contractor is to ensure pipe freezing and all required pipe freezing accessories are

This addendum forms part of the Bid Documents and amends the original Drawings and Specifications. Ensure that all parties submitting bids are aware of all items included in this Addendum.

provided to complete the work necessary to have this new piping installed for the existing wall fin convactor.

- Refer to the images below of piping to be removed for the wall-fin convector. The new pipping size is to match the piping size of the piping being removed.



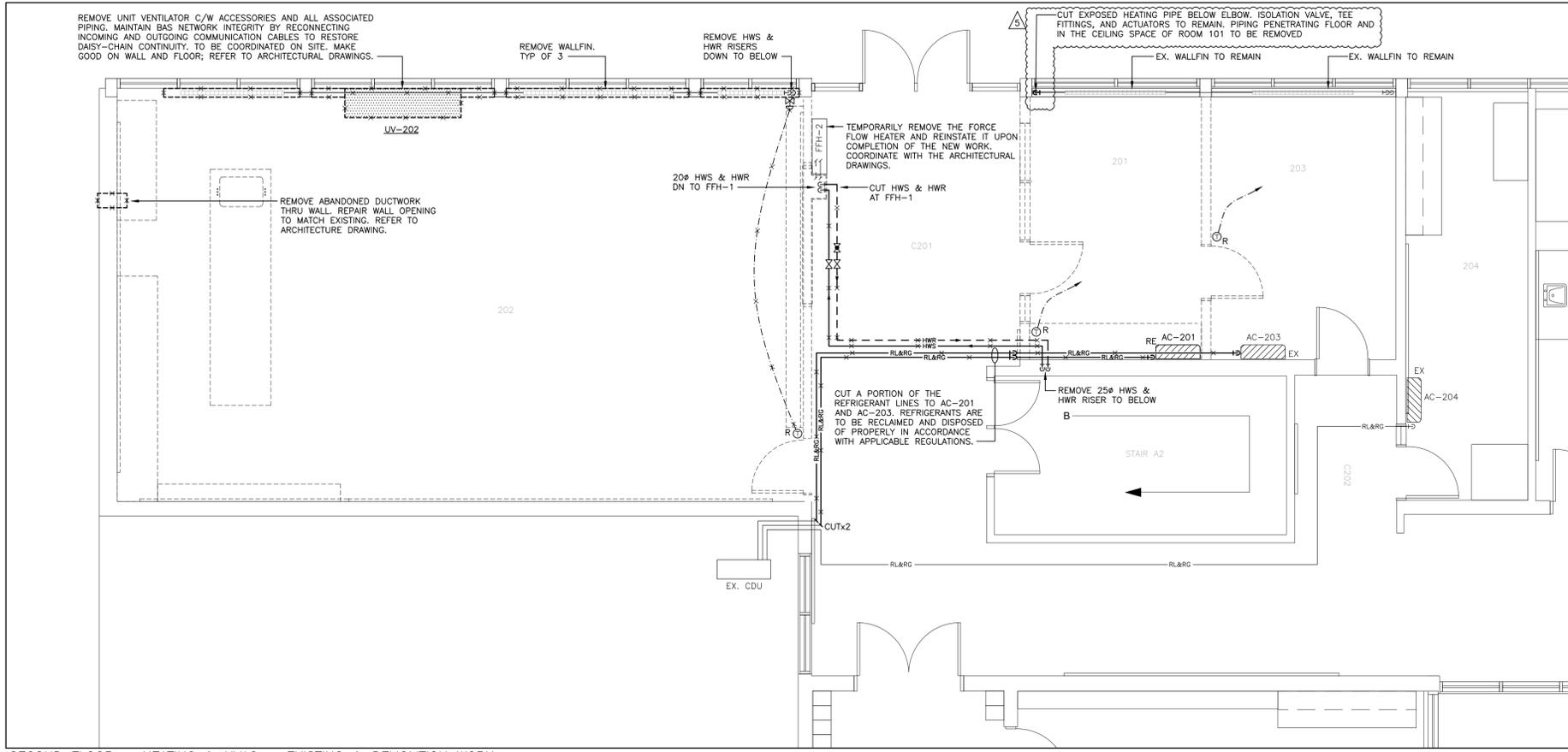
This addendum forms part of the Bid Documents and amends the original Drawings and Specifications. Ensure that all parties submitting bids are aware of all items included in this Addendum.



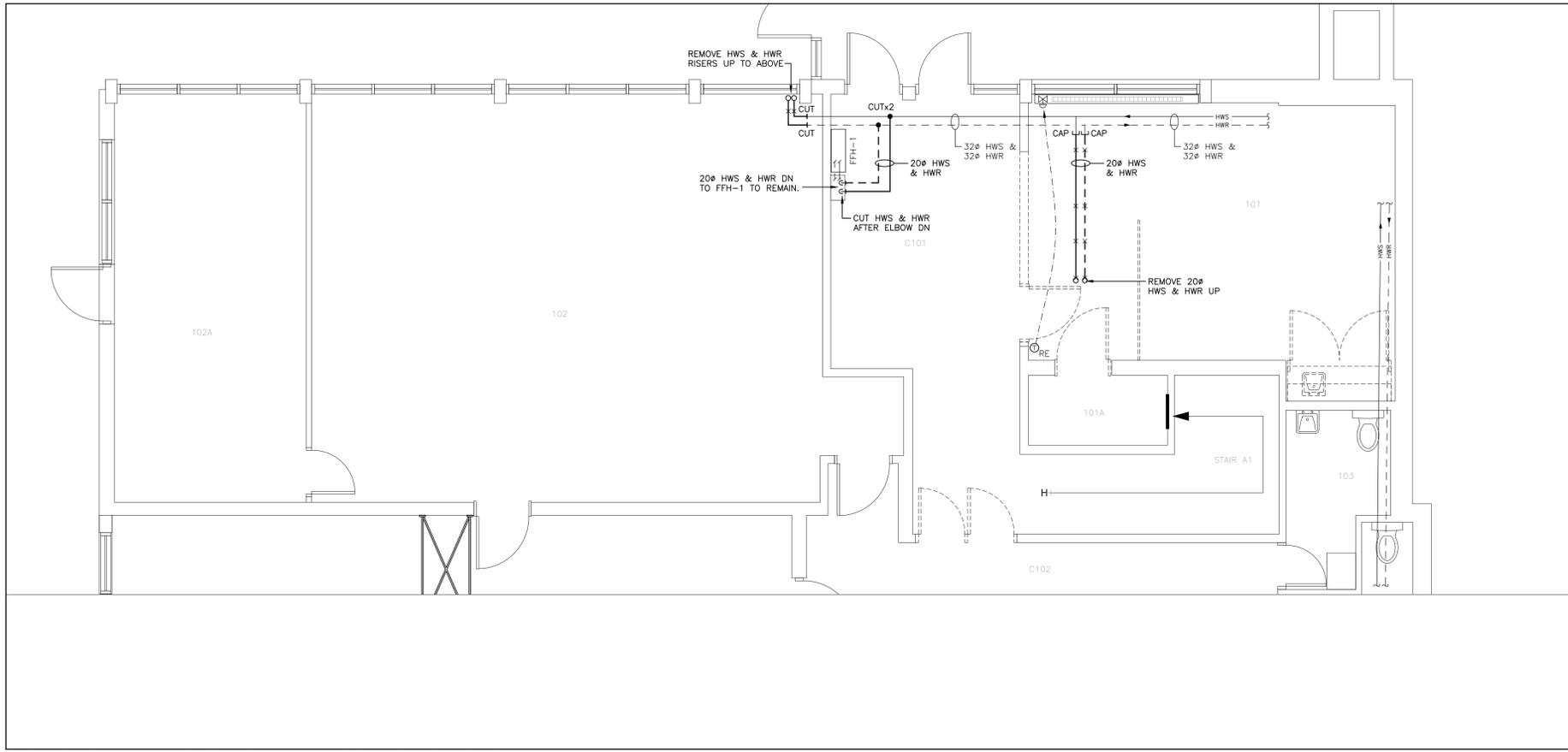
Please refer to the attached updated mechanical and electrical drawings as part of this addendum. Drawings M-4, M-5, E-01, E-2, E-3, E-4, and E-10 have been updated.

Note as per updated drawing E-01, the new sub panel (J) to be provided is to be provided with 10 additional 15A spare breakers as indicated in the updated drawing.

END OF ADDENDUM #2



SECOND FLOOR – HEATING & HVAC – EXISTING & DEMOLITION WORK
SCALE: 1:50



GROUND FLOOR – HEATING & HVAC – EXISTING & DEMOLITION WORK
SCALE: 1:50

DEMOLITION NOTES:

THESE NOTES SHALL BE READ IN CONJUNCTION WITH AND SHALL FORM AN INTEGRAL PART OF THE SPECIFICATIONS AND CONTRACT DOCUMENTS. DRAWINGS INDICATE THE GENERAL INTENT AND AREAS OF DEMOLITION ONLY AND DO NOT REPRESENT THE FULL EXTENT OF WORK. REFER TO ALL CONTRACT DOCUMENTS FOR COMPLETE SCOPE.

PRIOR TO COMMENCING DEMOLITION, EXAMINE ALL EXISTING HVAC AND HEATING SYSTEMS AND COMPONENTS TO BE REMOVED, RELOCATED, OR MODIFIED. DRAWINGS DO NOT SHOW ALL BUILDING SERVICES OR STRUCTURAL ELEMENTS WITHIN THE WORK AREA. FIELD-VERIFY THE LOCATION, SIZE, ROUTING, AND INVERT ELEVATIONS OF EXISTING REFRIGERANT PIPING AND ASSOCIATED SYSTEMS PRIOR TO DEMOLITION. PIPING ROUTES, EQUIPMENT LOCATIONS, AND UTILITIES SHOWN ARE BASED ON AVAILABLE RECORDS. THE CONTRACTOR SHALL ADJUST THE WORK TO SUIT ACTUAL SITE CONDITIONS AT NO ADDITIONAL COST TO THE BOARD.

THE DEMOLITION WORK SHALL INCLUDE THE TEMPORARY OR PERMANENT RELOCATION OF ANY EXISTING BUILDING SERVICES OR ARCHITECTURAL ELEMENTS NOT SPECIFICALLY MENTIONED HEREIN, BUT OBVIOUSLY NECESSARY FOR THE INSTALLATION OF THE NEW EQUIPMENT (SUCH AS, DRAINS, SANITARY VENTS, CONDUITS, JUNCTION BOXES, AND SIMILAR). AT THE CONCLUSION OF THE WORK, ALL BUILDING SERVICES AND ARCHITECTURAL ELEMENTS TEMPORARILY REMOVED SHALL BE REINSTATED AND MADE GOOD TO THEIR ORIGINAL CONDITION.

MAINTAIN FULL OPERATION OF BUILDING SERVICES NOT IN SCOPE. ANY ACCIDENTAL DAMAGE OR SERVICE INTERRUPTION SHALL BE PROMPTLY REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE BOARD. PROVIDE ALL NECESSARY SHORING AND TEMPORARY SUPPORTS TO MAINTAIN STRUCTURAL INTEGRITY AND CONTINUITY OF SERVICES DURING DEMOLITION. PROVIDE A MINIMUM OF SEVENTY-TWO (72) HOURS WRITTEN NOTICE FOR REQUIRED SERVICE SHUTDOWNS AND COORDINATE WITH THE BOARD.

REMOVE EXISTING T-BAR CEILING AS REQUIRED TO COMPLETE DEMOLITION WORK. REMOVE AND STORE CEILING TILES, LIGHTING FIXTURES, AND AFFECTED SERVICES, INCLUDING FIRE ALARM DEVICES, AS REQUIRED TO FACILITATE THE WORK. REINSTATE THE CEILING AND ALL REMOVED SERVICES UPON COMPLETION. ANY REMOVED AND REINSTALLED FIRE ALARM DEVICES SHALL BE RE-VERIFIED BY A CERTIFIED TECHNICIAN. REPLACE DAMAGED CEILING TILES AT NO ADDITIONAL COST TO THE BOARD.

REMOVE PORTIONS OF REFRIGERANT PIPING SERVING EVAPORATORS 'AC-201'. RELOCATE WALL-MOUNTED AC EVAPORATOR UNIT 'AC-201' IN ROOM 201, INCLUDING ALL ACCESSORIES AND ASSOCIATED PIPING. RECLAIM AND DISPOSE OF REFRIGERANT IN ACCORDANCE WITH AUTHORITIES HAVING JURISDICTION REQUIREMENTS. SECURE REMOVED EQUIPMENT BY CAPPING PORTS AND PROTECTING FROM DEBRIS FOR SAFE STORAGE AND TRANSPORT.

REMOVE PORTIONS OF REFRIGERANT PIPING SERVING EVAPORATORS 'AC-203'. RECLAIM AND DISPOSE OF REFRIGERANT IN ACCORDANCE WITH AUTHORITIES HAVING JURISDICTION REQUIREMENTS. SECURE REMOVED EQUIPMENT BY CAPPING PORTS AND PROTECTING FROM DEBRIS FOR SAFE STORAGE AND TRANSPORT.

REMOVE ALL WALL-FIN CONVECTORS AS INDICATED. REPAIR ALL UNUSED FLOOR OPENING TO MATCH EXISTING. REPAIR WALL IN ACCORDANCE TO ARCHITECTURE DRAWINGS.

REMOVE ALL DEMOLISHED MATERIALS FROM SITE AND LEAVE THE AREA CLEAN AND READY FOR SUBSEQUENT WORK.

Ref.	No.	Description	Date	Initial
△	1	ISSUED FOR COORDINATION	2026/02/04	
△	2	ISSUED FOR COORDINATION	2026/02/19	
△	3	ISSUED FOR COORDINATION	2026/02/27	
△	4	ISSUED FOR TENDER	2026/03/02	
△	5	ISSUED FOR ADDENDUM #2	2026/03/05	
△				

Project:
**ECOLE ELEMENTAIRE
 ANTONINE-MAILLET
 615 RIDGEWAY AVE
 OSHAWA, ON L1J 2W3**



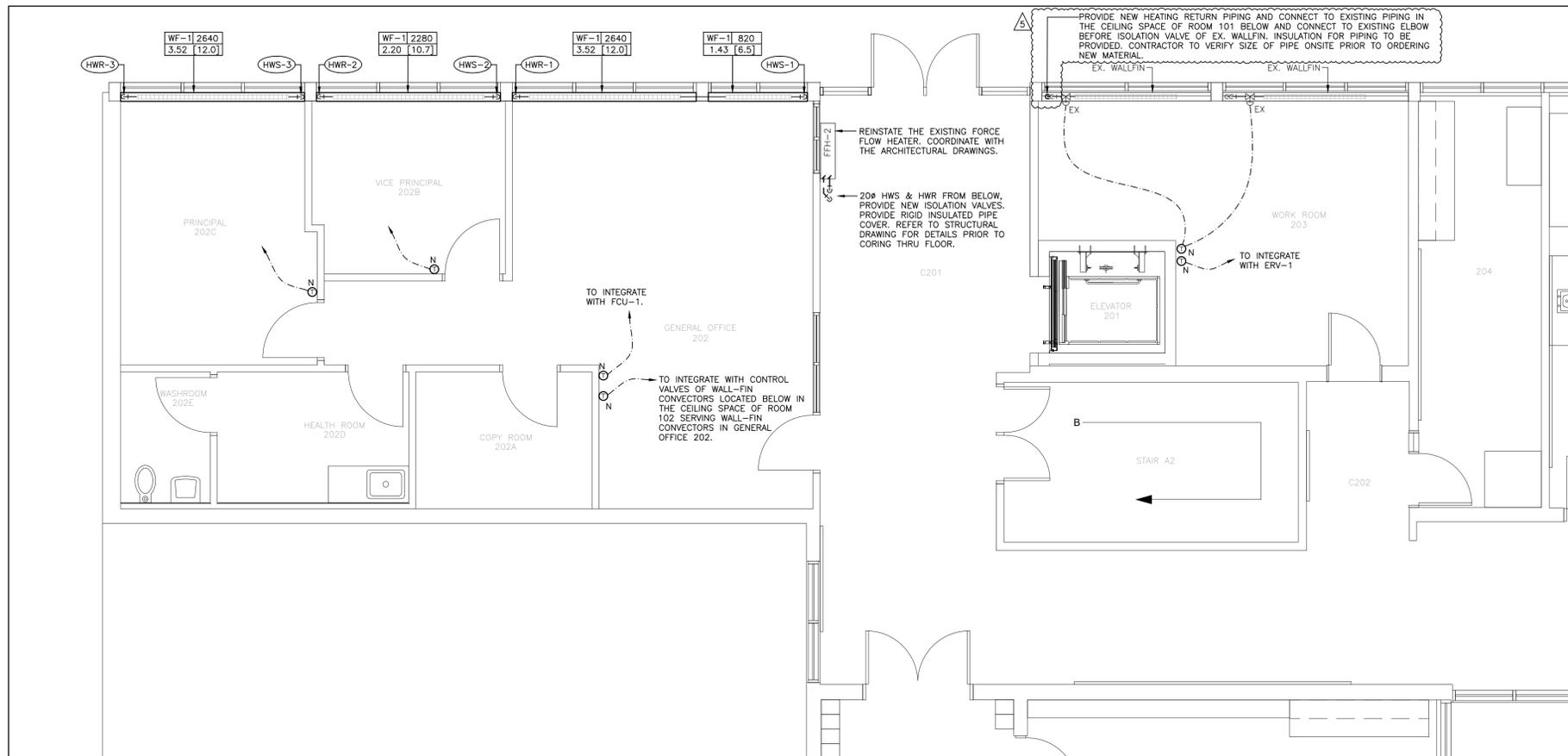
82 Bellagio Crescent
 Vaughan, Ontario, Canada L4K 5K7
 Tel: (905) 303-6606 Fax: (905) 303-6636



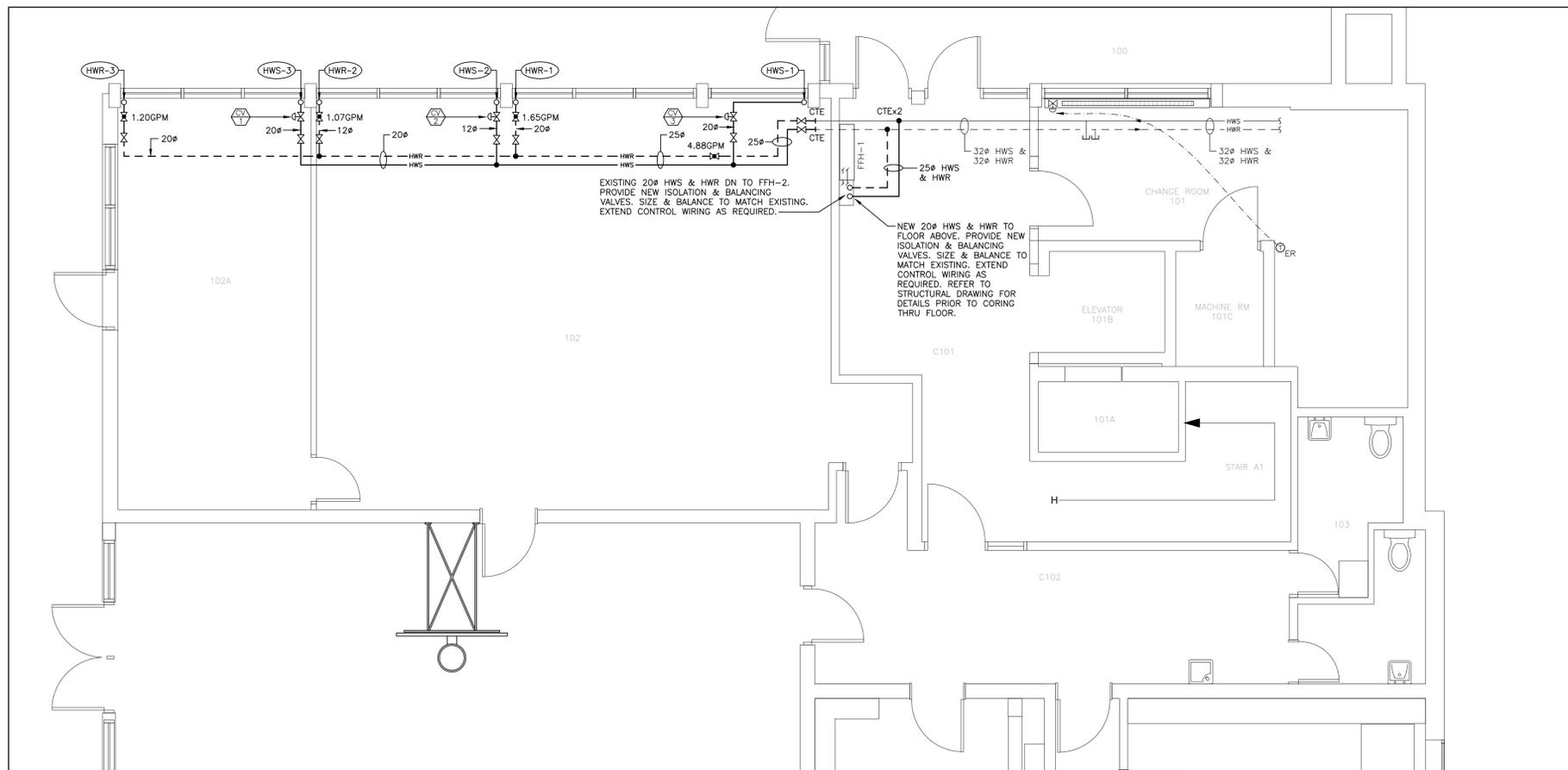
Consultant:
SAB ENGINEERING Inc.
 588 EDWARD AVE., UNIT 25, RICHMOND HILL, ONT., L4C 9Y6
 TEL. (905) 787 8885 FAX (905) 787 8771

Title:
**GROUND & SECOND
 FLOOR – HEATING &
 HVAC – EXISTING &
 DEMOLITION WORK**

Drawn by:	Date: JANUARY 2026
Checked by:	Plotted:
Scale: AS SHOWN	Issued:
Job No.: 25116	Drawing No.: M-4
Set No.:	of:



SECOND FLOOR - HEATING - NEW WORK
 SCALE: 1:50



GROUND FLOOR - HEATING - NEW WORK
 SCALE: 1:50

NEW WORK NOTES:

DRAWINGS SHALL BE READ IN CONJUNCTION WITH ALL CONTRACT DOCUMENTS. COORDINATE NEW PIPING WITH EXISTING SERVICES, EQUIPMENT, AND SITE CONDITIONS. CONNECT TO EXISTING UNDERGROUND SANITARY DRAINS AND DOMESTIC WATER LINES AS SHOWN.

FIELD VERIFY THE EXACT LOCATION, SIZE, ROUTING, AND ELEVATION OF ALL EXISTING SERVICES PRIOR TO INSTALLATION. PIPE SIZES INDICATED WERE BASED ON AVAILABLE SITE INFORMATION; ADJUST AS REQUIRED TO SUIT ACTUAL CONDITIONS AT NO ADDITIONAL COST TO THE OWNER.

SUPPORT ALL NEW PIPING FROM THE BUILDING STRUCTURE WHERE POSSIBLE. PROVIDE AND INSTALL CUSTOM STEEL SUPPORTS AS REQUIRED FOR ALL PIPING AND EQUIPMENT. ANCHOR SUPPORTS TO FLOOR, WALLS, OR STRUCTURAL SLAB. REFER TO STRUCTURAL DRAWINGS FOR DETAILS.

CONTRACTOR SHALL SCAN THE UNDERSIDE OF FLEXICORE PLANKS TO CONFIRM REBAR LOCATIONS PRIOR TO DRILLING FOR NEW FASTENER INSTALLATION TO SUPPORT NEW PIPING. REFER TO STRUCTURAL DRAWINGS FOR DETAILS.

ENSURE ALL ISOLATION VALVES ARE ACCESSIBLE FOR OPERATION AND MAINTENANCE. PROVIDE ISOLATION VALVES FOR ALL NEW WALL-FIN CONVECTOR PIPING AS REQUIRED.

CONTRACTOR SHALL MAINTAIN CONTINUOUS OPERATION OF ALL BUILDING SERVICES NOT AFFECTED BY THIS WORK. ANY DAMAGE OR SERVICE INTERRUPTION SHALL BE REPAIRED IMMEDIATELY AT NO ADDITIONAL COST TO THE OWNER.

AT THE CONCLUSION OF THE WORK AND INSTALLATION OF THE NEW WALL-FIN CONVECTORS, DRAIN AND RE-FILL THE HOT WATER LOOPS AND DEAERATE SYSTEM COMPLETELY. FLUSH ALL PIPING AS REQUIRED AND SPECIFIED AND PROVIDE CHEMICAL TREATMENT NECESSARY. PRESSURE TESTING OF THE NEW INSTALLATION IS REQUIRED.

FILL WATER LOOPS AS REQUIRED, PROVIDE AND COMPLETE FLUSHING PRIOR TO FILLING SYSTEM.

Ref.	No.	Description	Date	Initial
△	1	ISSUED FOR COORDINATION	2026/02/04	
△	2	ISSUED FOR COORDINATION	2026/02/19	
△	3	ISSUED FOR COORDINATION	2026/02/27	
△	4	ISSUED FOR TENDER	2026/03/02	
△	5	ISSUED FOR ADDENDUM #2	2026/03/05	
△				

Project:
 ECOLE ELEMENTAIRE
 ANTONINE-MAILLET
 615 RIDGEWAY AVE
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Professional Seal
 LICENSED PROFESSIONAL ENGINEER
 Jan 2026
 G. STRASHUN
 Province of Ontario

Consultant:

 588 EDWARD AVE., UNIT 25, RICHMOND HILL, ONT., L4C 9Y6
 TEL. (905)-787 8885 FAX (905)-787 8771

Title:
 GROUND & SECOND FLOOR
 - HEATING - NEW WORK

Drawn by:	Date: JANUARY 2026
Checked by:	Plotted:
Scale: AS SHOWN	Issued:
Job No.: 25116	Drawing No.: M-5
Set No.:	of:

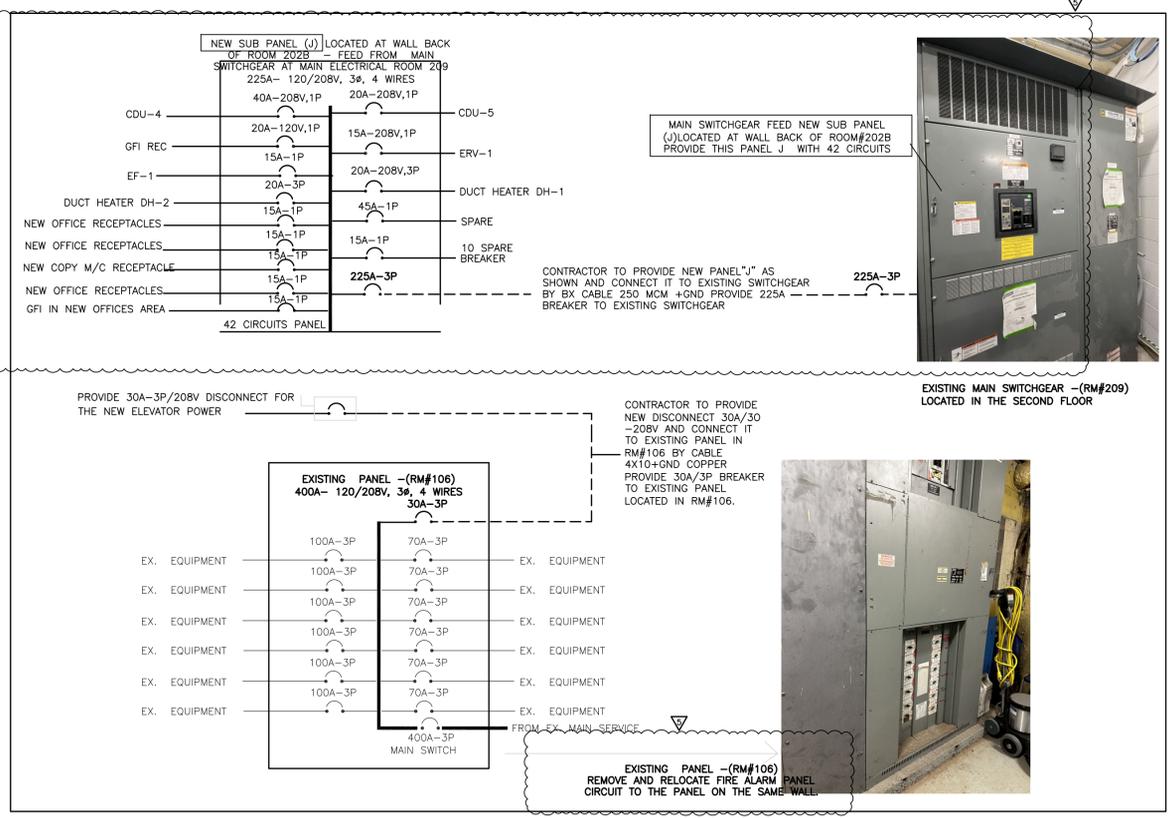
ELECTRICAL LEGEND		
	LED LIGHTING FIXTURE SUSPENDED OR SURFACE MOUNTED LED LIGHTING FIXTURE RECESSED MOUNTED LED LIGHT FIXTURE, CEILING OR WALL MOUNTED RESPECTIVELY. CEILING OR WALL MOUNTED EXIT LIGHTS RESPECTIVELY WITH ARROWS AS SHOWN. LUMACELL, STANPRO OR APPROVED EQUAL FROM EMERGI-LITE & BEGHELLI. CEILING OR WALL MOUNTED EXIT LIGHTS AS SHOWN. EMERGI-LITE, STANPRO OR APPROVED EQUAL. EMERGENCY BATTERY UNIT COMPLETE WITH REMOTE HEAD AS SHOWN. REFER TO SCHEDULE ON DRAWINGS AND SPECIFICATIONS FOR DETAILS. EMERGENCY LIGHTING REMOTE HEAD AS SHOWN. REFER TO SCHEDULE ON DRAWINGS AND SPECIFICATIONS FOR DETAILS. SINGLE POLE TOGGLE SWITCHES WITH ONE, TWO OR THREE GANG RESPECTIVELY. CEILING MOUNTED DUAL TECHNOLOGY (INFRARED AND ULTRASONIC) OCCUPANCY SENSOR C/W POWER PACKS. WATT-STOPPER #DT200 OR APPROVED EQUAL. CEILING MOUNTED ULTRASONIC OCCUPANCY SENSOR C/W POWER PACKS WATT-STOPPER #WT1105 OR APPROVED EQUAL. WALL MOUNTED INFRARED OCCUPANCY SENSOR WATT-STOPPER #WI-120 OR APPROVED EQUAL. DAYLIGHT SENSING AND LIGHT CONTROL SENSOR C/W POWER PACKS. WATT-STOPPER #LS102 OR APPROVED EQUAL. 15A, 120V U-GROUND DUPLEX RECEPTACLE. "T"-DENOTES 20A RATED RECEPTACLE WITH T-SLOT. 15A, 120V U-GROUND DUPLEX RECEPTACLE MOUNTED AT HIGH LEVEL OR ABOVE COUNTER. "T"-DENOTES 20A RATED RECEPTACLE WITH T-SLOT. 15A, 120V U-GROUND GROUND FAULT INTERRUPTER TYPE DUPLEX RECEPTACLE 15A, 120V U-GROUND GROUND FAULT INTERRUPTER TYPE DUPLEX RECEPTACLE MOUNTED AT HIGH LEVEL OR ABOVE GRADE. "T"-DENOTES 20A RATED RECEPTACLE WITH T-SLOT. 15A, 120V U-GROUND GROUND FAULT INTERRUPTER TYPE DUPLEX RECEPTACLE 15A, 120V U-GROUND GROUND FAULT INTERRUPTER TYPE DUPLEX RECEPTACLE MOUNTED AT HIGH LEVEL OR ABOVE GRADE. "T"-DENOTES 20A RATED RECEPTACLE WITH T-SLOT. 15A, 120V DUPLEX RECEPTACLE DEDICATED FOR ELECTRONIC EQUIPMENT SUCH AS COMPUTER, FAX MACHINE, COPIER PLUG-IN. PROVIDE DEDICATED NEUTRAL AND GROUND WIRE FOR EACH BRANCH CIRCUIT FEEDING SUCH RECEPTACLES. 20A, 120V, 1PH SINGLE RECEPTACLE (FOR DISHWASHER & COPY MACHINE) 30A, 250V, 3P DRYER RECEPTACLE SURFACE MOUNTED RACEWAY MOUNTED HORIZONTALLY WITH DEVICES AS SHOWN ON THE PLANS AND VERTICAL SECTION UP TO ACCESSIBLE CEILING. WIREMOLD #G4000 SERIES OR APPROVED EQUAL. 120V OUTLET FOR USE AS NOTED INCLUDING FINAL CONNECTION. SAME AS ABOVE, BUT 208V, 1Ø SAME AS ABOVE, BUT 208V, 3Ø ROOM CONTROL PANEL WITH DEVICES AS SHOWN. SUPPLIED & INSTALLED BY ELECTRICAL DIVISION. REFER TO SPECIFICATIONS FOR DETAILS. UNFUSED DISCONNECT SWITCH, SIZE AS NOTED. FUSED DISCONNECT SWITCH, SIZE AS NOTED. COMBINATION MAGNETIC MOTOR STARTER WITH DISCONNECT SWITCH & OVERCURRENT PROTECTION MUSHROOM STYLE PUSH BUTTON DOOR OPERATOR PUSH BUTTON C/W CONDUIT, WIRING AND INSTALLATION. ELECTRICAL PANEL, SURFACE OR FLUSH RESPECTIVELY. VOICE (TELEPHONE) OUTLET C/W 3/4" WITH 90° BEND AT TOP AND PVC END BUSHING TO ACCESSIBLE CEILING SPACE. DATA OUTLET C/W 3/4" WITH 90° BEND AT TOP AND PVC END BUSHING TO ACCESSIBLE CEILING SPACE. WIRELESS ACCESS POINT WITH DATA OUTLET C/W 3/4" WITH 90° BEND AT TOP AND PVC END BUSHING TO CABLE TRAY IN CORRIDOR CEILING SPACE. PROVIDE CABLING AS PER SPECIFICATIONS. "XD" - WHERE "X" DENOTES NUMBER OF CABLES & JACKS. VOICE/DATA OUTLET C/W 3/4" WITH 90° BEND AT TOP AND PVC END BUSHING TO ACCESSIBLE CEILING SPACE. FIRE ALARM PULL STATION C/W TAMPERPROOF COVER AND LOCAL BATTERY POWERED BUZZER FIRE ALARM HORN COMBINATION FIRE ALARM HORN & STROBE FIRE ALARM STROBE LIGHT. "XCD" - WHERE X DENOTES CANDELA RATING OTHER THAN MINIMUM 15cd. PHOTOELECTRIC SMOKE DETECTOR	DUCT MOUNTED PHOTOELECTRIC SMOKE DETECTOR RATE OF RISE HEAT DETECTOR FIXED TEMPERATURE (135°F OR 190°F) HEAT DETECTOR SPRINKLERS FLOW SWITCH SPRINKLERS SYSTEM VALVE SUPERVISORY SWITCH SPRINKLERS SYSTEM LOW PRESSURE SWITCH SUPERVISORY MAGNETIC HOLD OPEN DEVICE BY DIVISION 16 TO SUIT DOOR. PROVIDE 120V POWER CONNECTION AND FIRE ALARM RELEASE SIGNAL UPON LOCAL SMOKE DETECTOR AND GENERAL FIRE ALARM SIGNAL. IN-HOUSE PHONE HANDSET TIED TO PA SYSTEM PUBLIC ADDRESS SYSTEM SPEAKER PUBLIC ADDRESS SYSTEM HORN TYPE SPEAKER PLUG-IN CLOCK PUBLIC ADDRESS SYSTEM PRIVACY/CALL SWITCH PROGRAM BELL TIED TO EXISTING SYSTEM SECURITY SYSTEM - DOOR CONTACT SECURITY SYSTEM - MOTION SENSOR SECURITY SYSTEM - GLASS BREAKER DETECTOR SECURITY SYSTEM - MOTION SENSOR (OLD STYLE) ELECTRIC STRIKE CARD READER PANIC BUTTON LOCKDOWN BUTTON AV OUTLET FOR PROJECTOR VGA MONITOR OUTLET C/W 41mm CONDUIT TO AV OUTLET FOR PROJECTOR CALL ASSISTIVE SYSTEM - DOME LIGHT. 1 LED LAMP CEILING RECESS MOUNTED FIXTURE, WHITE LENS., 4 WATT, 120V, EDWARDS: 9505-1011 CALL ASSISTIVE SYSTEM - PULL CORD STATION MOUNTED AT 900MMAFF. CALL ASSISTIVE SYSTEM - HORN/STROBE WHITE, MOUNTED HIGH IN GENERAL OFFICE, ACTIVATED BY EACH PULL CORD STATION. ONE FOR EACH WASHROOM. PROVIDE LAMACOID LABELS TO SUIT EXISTING ELECTRICAL EQUIPMENT/DEVICE TO REMAIN. EXISTING ELECTRICAL EQUIPMENT/DEVICE TO BE RELOCATED. EXISTING ELECTRICAL EQUIPMENT/DEVICE IN RELOCATED POSITION. EXISTING ELECTRICAL EQUIPMENT/DEVICE TO BE REMOVED. NEW ELECTRICAL EQUIPMENT/DEVICE DENOTES TAMPERPROOF HAND DRYER GROUND FAULT INTERRUPTER WEATHERPROOF DENOTES DIMMER DENOTES WIREGUARD DENOTES MOTORISED DAMPER POWER CONNECTION CIRCUIT NUMBER DENOTES LOAD FED DIRECTLY FROM BREAKER #1 IN PANEL '1A'. CIRCUIT NUMBER DENOTES LOAD FED FROM BREAKER #1 IN PANEL '1A' AND CONTROLLED BY SWITCH #1. DASHED LINE INDICATES EXISTING EQUIPMENT/DEVICE TO BE REMOVED UNLESS NOTED OTHERWISE.

ELECTRICAL LEGEND	
ABBREVIATION	
E	EXISTING TO REMAIN
R	EXISTING TO BE DEMOLISHED/REMOVED
N	NEW MATERIAL/EQUIPMENT/SERVICES
REL	MATERIAL/EQUIPMENT/SERVICES TO BE RELOCATED.
ER	EXISTING IN RELOCATED POSITION
WP	WEATHER PROOF
NIC	NOT IN CONTRACT

GENERAL NOTES

- IT IS MANDATORY FOR THE ELECTRICAL CONTRACTOR TO VISIT SITE AND REVIEW EXISTING CONDITIONS AND DEMOLITION SCOPE OF WORK TO SUIT EXISTING ARCHITECTURAL AND STRUCTURAL CONDITIONS AND MECHANICAL DRAWINGS.
- CAREFULLY EXAMINE OTHER EXISTING UTILITY LINES SUCH AS GAS, WATER ETC. PRIOR TO START THE ELECTRICAL CONSTRUCTION WORKS AND COORDINATE WITH OTHER TRADES AND REPORT OF ANY DISCREPANCY PRIOR TO PROCEEDING.
- REFER TO ALL DRAWINGS FOR EXISTING, DEMOLISH, AND NEW WORK, ALSO PROVIDE ALL LIGHT OR POWER CIRCUITS AS REQUIRED WIRING, CONDUITS AND ALL ACCESSORIES TO CONNECT NEW LIGHT AND EQUIPMENT.
- LOCATIONS OF ALL NEW ELECTRICAL EQUIPMENT SHALL BE CONFIRMED WITH ENGINEER AND CLIENT ON SITE PRIOR TO INSTALLATION.

NEW LIGHTING SCHEDULE		LAMP				MOUNTING			ACCEPTABLE MANUFACTURER
SYMBOL	PRODUCT DESCRIPTION	VOLTAGE	QUANTITY	WATTAGE	TYPE	RECESSED	SURFACE	SUSPENDED	
	2'X4' LED RECESSED PANEL LIGHT FIXTURE LED MODEL#COLUMBIA- CBT24 -LSCS 4000K, 6000LM	120V	40	LED	X	-	-	-	COLUMBIA LIGHTING.
	1'X4' LED RLB LIGHT FIXTURE LED MODEL#COLUMBIA- RLB4-40LV-FAM-EDU, 4000K, 6000LM	120V	30	LED	-	X	-	-	COLUMBIA LIGHTING.
	LED WALL MOUNTED PANEL LIGHT FIXTURE LED FOR ELEVATOR PIT MODEL# LIXEM-42-LW-RFA-EDU	120V	30	LED	-	-	-	X	COLUMBIA LIGHTING.
	2'X2' LED RECESSED PANEL LIGHT FIXTURE LED MODEL#COLUMBIA- CBT24 -LSCS 4000K, 6000LM	120V	30	LED	-	-	-	X	COLUMBIA LIGHTING.

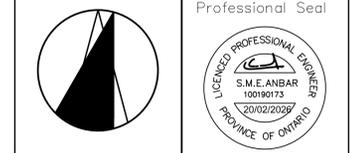


Revisions				
Ref.	No.	Description	Date	Initial
△	1	ISSUED FOR COORDINATION	2026/02/04	
△	2	ISSUED FOR COORDINATION	2026/02/19	
△	3	ISSUED FOR COORDINATION	2026/02/27	
△	4	ISSUED FOR TENDER	2026/03/02	
△	5	ISSUED FOR ADDENDUM #2	2026/03/05	

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Title:
 KEY PLAN, ELECTRICAL LEGEND AND LIGHT SCHEDULE.

Drawn by:	Date: JANUARY 2026
Checked by:	Plotted:
Scale: AS SHOWN	Issued:
Job No.: 25116	Drawing No.: E-01
Set No.:	of:



NXRCFX SERIES

FX ROOM CONTROLLER

DATE: _____ LOCATION: _____
 TYPE: _____ PROJECT: _____
 CATALOG #: _____

FEATURES

- Single or dual relay versions for ON/OFF or bi-level control
- Approved for use with controlled receptacles
- Single or dual 0-10V interface for full range dimming control
- FX bus enabled, allows for up to 32 room controllers per NX Zone Segment
- SmartPORT™ auto configuration support for NX Occupancy Sensors, Daylight Sensors and Smart Wall Stations
- Intelligently and automatically responds to sensors and switches in the most efficient manner
- Schedules are held in the devices themselves with Integral Time Clock requiring no additional devices for scheduling
- Advanced configuration, power metering, and control through either NX Area Controller or NX Lighting Controls mobile app



SPECIFICATIONS

CONSTRUCTION

- Housing: GSM UL Rated 94 HB Plastic
- Gray
- 4 oz. (113.4g)
- 5.75" (146.05MM) L x 3.85" (97.79MM) W x 1.30" (33.02MM) H
- Complies with requirements for use in a plenum area
- Plenum rated for external junction box mounting

MOUNTING

- Mounts directly to an external junction box through an extended 1/2" chase nipple

ELECTRICAL

- Input: 120/277/347VAC, 20A Max, 50/60 Hz
- Single feed connection regardless of one or two relays
- Output:
 - 20A, Tungsten, 120VAC only
 - 20A, Magnetic Ballast
 - 1A, Electronic Ballast
 - 1 H.P. Motor @120V, 3/4 H.P. @277V, 1/2 H.P. @347V
- Low Voltage Ports
 - Class 2

ELECTRICAL (CONTINUED)

- 24VDC, 250mA MAX (all outputs combined)
- RS485 digital communication
- Standby Power (W)
 - 120VAC: 12W
 - 277VAC: 15W
 - 347VAC: 15W
- Dimming
 - Class 2/Class 1
 - Installation as Class 1 requires 600 volt insulation on dimming conductors sharing a conduit with line voltage conductors
- Power Metering
 - NXRC devices are factory calibrated to provide power metering accuracy of +/- 5% (Rating assumes standard load within specified voltage and temperature rating for NXRC, all values provided in Watts)

OPERATING ENVIRONMENT

- Operating temperature: 32° to 104°F (0° to 40°C)
- Relative humidity (non-condensing): 0% to 95%

CERTIFICATIONS

- Comforms with UL916 and Certified to CAN/CSA C22.2 No. 205-M1983
- IC Approved
- Title 24 compliance
- This product meets federal procurement law requirements under the Buy American Act (FAR 52.225-9) and Trade Agreements Act (FAR 52.225-1). See [Buy American Solutions](#).
- 5 year limited warranty

Note: 1. For (2) relay models the maximum combined output of both relays: 20A



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Rev: 05/27/24

3810A_NXRCFX_SPEC_R03



NXRCFX SERIES

FX ROOM CONTROLLER

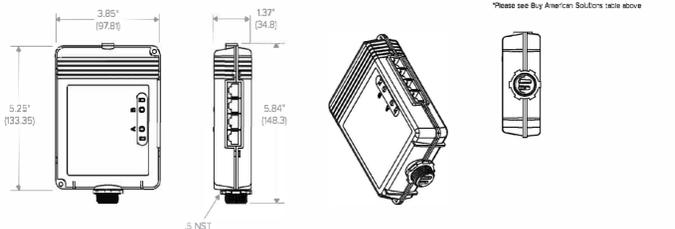
DATE: _____ LOCATION: _____
 TYPE: _____ PROJECT: _____
 CATALOG #: _____

ORDERING GUIDE

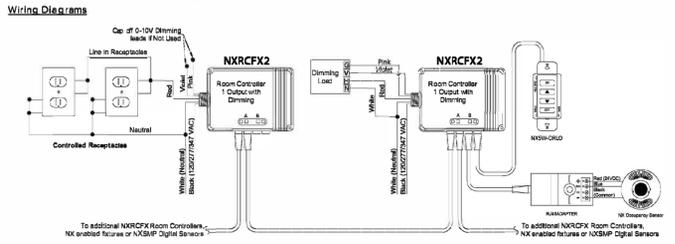
Example: NXRCFX2-1RD-UNV

CATALOG #	Model	UNV	BAAT/AA
NXRCFX2-2RD	NX Room Controller, FX Bus Compatible, 1 SPST Switched, One 0-10VDC Dimming Output	UNV	BAAT/AA
NXRCFX2-1RD	NX Room Controller, FX Bus Compatible, 1 SPST Switched, One 0-10VDC Dimming Output	UNV	120/277/347VAC
NXRCFX2-2RD	NX Room Controller, FX Bus Compatible, 2 SPST Switched, Two 0-10VDC Dimming Output	UNV	120/277/347VAC

DIMENSIONS



ADDITIONAL INFORMATION



Pink wire replaces previous gray wire. Units with a gray instead of pink wire should be wired as the pink wire shown in the diagram.



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Rev: 05/27/24

3810A_NXRCFX_SPEC_R03



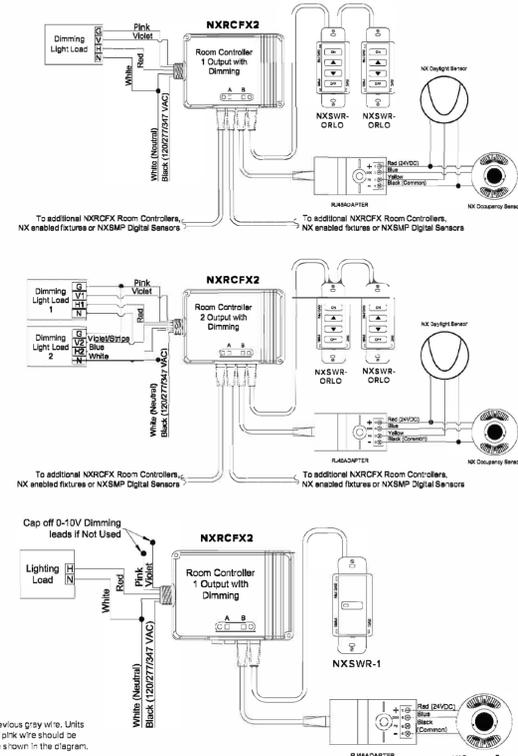
NXRCFX SERIES

FX ROOM CONTROLLER

DATE: _____ LOCATION: _____
 TYPE: _____ PROJECT: _____
 CATALOG #: _____

ADDITIONAL INFORMATION (CONTINUED)

Wiring Diagrams (Continued)



Pink wire replaces previous gray wire. Units with a gray instead of pink wire should be wired as the pink wire shown in the diagram.



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Rev: 05/27/24

3810A_NXRCFX_SPEC_R03



CBT LSCS 120-347V

BACKLIT TROFFER

DATE: _____ LOCATION: _____
 TYPE: _____ PROJECT: _____
 CATALOG #: _____

tradeSELECT™

FEATURES

- Switchable Lumen technology: 4400/3300/2750 lumens (1x4, 2x2), 5500/4400/3300 lumens (2x4)
- Switchable CCT technology: 3500/4000/5000K
- 0-10V % Dim to Off driver (stands off) provides superior dimming capabilities
- IC rated
- Backlit design and frosted lens provides smooth, even illumination across the face of the luminaire
- All CBT LSCS Generation B fixtures are priced as single fixtures and must be ordered as single fixtures. Standard packaging is a master carton containing four individually boxed fixtures.

SERVICE PROGRAMS



Typical Dimensions and Weights			
	CBT14 (1x4)	CBT22 (2x2)	CBT24 (2x4)
Length	11.9" / 303 mm	23.7" / 603 mm	23.7" / 603 mm
Width	4.7" / 123 mm	23.7" / 603 mm	4.7" / 123 mm
Height	2.0" / 50 mm	2.0" / 50 mm	2.0" / 50 mm
Weight	4.99 lbs / 2.25 kg	4.92 lbs / 2.23 kg	9.37 lbs / 4.25 kg

SPECIFICATIONS

CONSTRUCTION

- Aluminum lens frame has a matte white finish
- Luminaire housing is die formed cold gauge steel
- Low profile design is ideal for shallow plenum applications

OPTICS

- Acrylic micro-optics over each LED provide edge to edge illumination without penetration or bright spots
- Frosted acrylic textured lens provides smooth surface brightness

INSTALLATION

- Integrate T-bar clips for secure mounting to 9/16" and 5/8" grid ceiling
- For surface mount applications use surface mount kit accessories
- For plaster or masonry installations use flange kit accessories
- For cable mount applications use surface mount kit accessory and cable kit accessory

ELECTRICAL

- 80,000 hour LEDs at L90 for reduced maintenance
- Operates at 120-347V, 1/16 minimum low-voltage trim recommended when paired with a 0-10V dimmer
- 0-10V % Dim to Off driver is stands off. See additional info on page 6
- Switchable luminaire default settings at highest: lumen output and 3500K

PACKAGING

- All CBT LSCS Generation B fixtures are priced as single fixtures and must be ordered as single fixtures. Standard packaging is a master carton containing four individually boxed fixtures. It is to be noted in receiving documents that one master carton includes four individually boxed fixtures and should be received as four fixtures
- Ordering example: If a customer orders 21 fixtures they will receive 10 master cartons containing four fixtures and 11 individually boxed fixtures.

WARRANTY

- 5 year warranty

CERTIFICATIONS

- All luminaires are built to UL 1598 standards and bear appropriate cULus labels
- Data location label standard
- Adheres to LM79, LM80, and TM21 industry standards for photometrics and lifetime calculations
- DLC (DesignLights Consortium) Qualified
- Please refer to the DLC website for specific product qualifications at [www.designlights.org](#)
- UL Sanitation Certified to NSF 2 Food Equipment standard for non-food zones
- *tested in accordance with ISO 14644-1, suitable for ISO Class 4 positive and negative pressure clean rooms

KEY DATA

Lumen Range	2855 - 5997
Wattage Range	23W - 45W
Efficacy Range (LPW)	113 - 143
Reported Life (Hours)	1,000,000



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Rev: 10/09/23

CCL_CBT_120-347_LED_SPE_R07



CBT LSCS 120-347V

BACKLIT TROFFER

DATE: _____ LOCATION: _____
 TYPE: _____ PROJECT: _____
 CATALOG #: _____

ORDERING GUIDE

Example: CBT14-B LSCS EDD

CATALOG #	Model	Size	Generation	Selectable	Driver
CBT14-B LSCS EDD	CBT	14	1/4	B - Generation B	LSCS Lumen Selectable CCT Standalone
CBT22-B LSCS EDD	CBT	22	2/2		
CBT24-B LSCS EDD	CBT	24	2/4		

Note: 1. EDD - Dim to Off Standard. See additional detail on page 6

STOCKED OPTIONS

Catalog No.	SKU UPC	Master Carton UPC	Description	Rating	Lumens	Watts	LPW	Warranty	Notes	
					3500K	4000K	5000K	3500K	4000K	
CBT14-B LSCS EDD	8402443032	084024430324	14 Backlit Troffer, 4400/3300/2750 lumens, 3500/4000/5000K, Dim to Off Factory Installed 0.5W (IM) Battery, CCT: 160 35 Comp	LED	2855	302	297	23	124	129
CBT22-B LSCS EDD	8402443032	084024430324	22 Backlit Troffer, 4400/3300/2750 lumens, 3500/4000/5000K, Dim to Off Factory Installed 0.5W (IM) Battery, CCT: 160 35 Comp	LED	5920	350	342	27	127	134
CBT24-B LSCS EDD	8402443032	084024430324	24 Backlit Troffer, 4400/3300/2750 lumens, 3500/4000/5000K, Dim to Off Factory Installed 0.5W (IM) Battery, CCT: 160 35 Comp	LED	9360	460	454	38	131	138
CBT14-B LSCS EDD	8402443032	084024430324	14 Backlit Troffer, 4400/3300/2750 lumens, 3500/4000/5000K, Dim to Off Factory Installed 0.5W (IM) Battery, CCT: 160 35 Comp	LED	2855	302	297	23	124	129
CBT22-B LSCS EDD	8402443032	084024430324	22 Backlit Troffer, 4400/3300/2750 lumens, 3500/4000/5000K, Dim to Off Factory Installed 0.5W (IM) Battery, CCT: 160 35 Comp	LED	5920	350	342	27	127	134
CBT24-B LSCS EDD	8402443032	084024430324	24 Backlit Troffer, 4400/3300/2750 lumens, 3500/4000/5000K, Dim to Off Factory Installed 0.5W (IM) Battery, CCT: 160 35 Comp	LED	9360	460	454	38	131	138

MADE TO ORDER OPTIONS

Catalog Number	UPC	Description	Color	Qty
CBT14-A LSCS EDD-ELL14*	8402443038	14 Backlit LED Troffer, 4400/3300/2750 lumens, 3500/4000/5000K, Dim to Off Factory Installed 0.5W (IM) Battery, CCT: 160 35 Comp	White	1
CBT22-A LSCS EDD-ELL14*	8402443038	22 Backlit LED Troffer, 4400/3300/2750 lumens, 3500/4000/5000K, Dim to Off Factory Installed 0.5W (IM) Battery, CCT: 160 35 Comp	White	1
CBT24-A LSCS EDD-ELL14*	8402443038	24 Backlit LED Troffer, 4400/3300/2750 lumens, 3500/4000/5000K, Dim to Off Factory Installed 0.5W (IM) Battery, CCT: 160 35 Comp	White	1
CBT14-A LSCS EDD-C888	8023494648	14 Backlit LED Troffer, 4400/3300/2750 lumens, 3500/4000/5000K, Dim to Off Factory Installed 0.5W (IM) Battery, CCT: 160 35 Comp	White	1
CBT22-A LSCS EDD-C888	8023494648	22 Backlit LED Troffer, 4400/3300/2750 lumens, 3500/4000/5000K, Dim to Off Factory Installed 0.5W (IM) Battery, CCT: 160 35 Comp	White	1
CBT24-A LSCS EDD-C888	8023494648	24 Backlit LED Troffer, 4400/3300/2750 lumens, 3500/4000/5000K, Dim to Off Factory Installed 0.5W (IM) Battery, CCT: 160 35 Comp	White	1
CBT14-A LSCS EDD-ELL14-C888*	8023494648	14 Backlit LED Troffer, 4400/3300/2750 lumens, 3500/4000/5000K, Dim to Off Factory Installed 0.5W (IM) Battery, CCT: 160 35 Comp	White	1
CBT22-A LSCS EDD-ELL14-C888*	8023494648	22 Backlit LED Troffer, 4400/3300/2750 lumens, 3500/4000/5000K, Dim to Off Factory Installed 0.5W (IM) Battery, CCT: 160 35 Comp	White	1
CBT24-A LSCS EDD-ELL14-C888*	8023494648	24 Backlit LED Troffer, 4400/3300/2750 lumens, 3500/4000/5000K, Dim to Off Factory Installed 0.5W (IM) Battery, CCT: 160 35 Comp	White	1

* ELL14 options are only available for use with 0-10V Dim to Off Factory Installed 0.5W (IM) Battery, CCT: 160 35 Comp. ELL14 options are only available for use with 0-10V Dim to Off Factory Installed 0.5W (IM) Battery, CCT: 160 35 Comp. ELL14 options are only available for use with 0-10V Dim to Off Factory Installed 0.5W (IM) Battery, CCT: 160 35 Comp. ELL14 options are only available for use with 0-10V Dim to Off Factory Installed 0.5W (IM) Battery, CCT: 160 35 Comp.



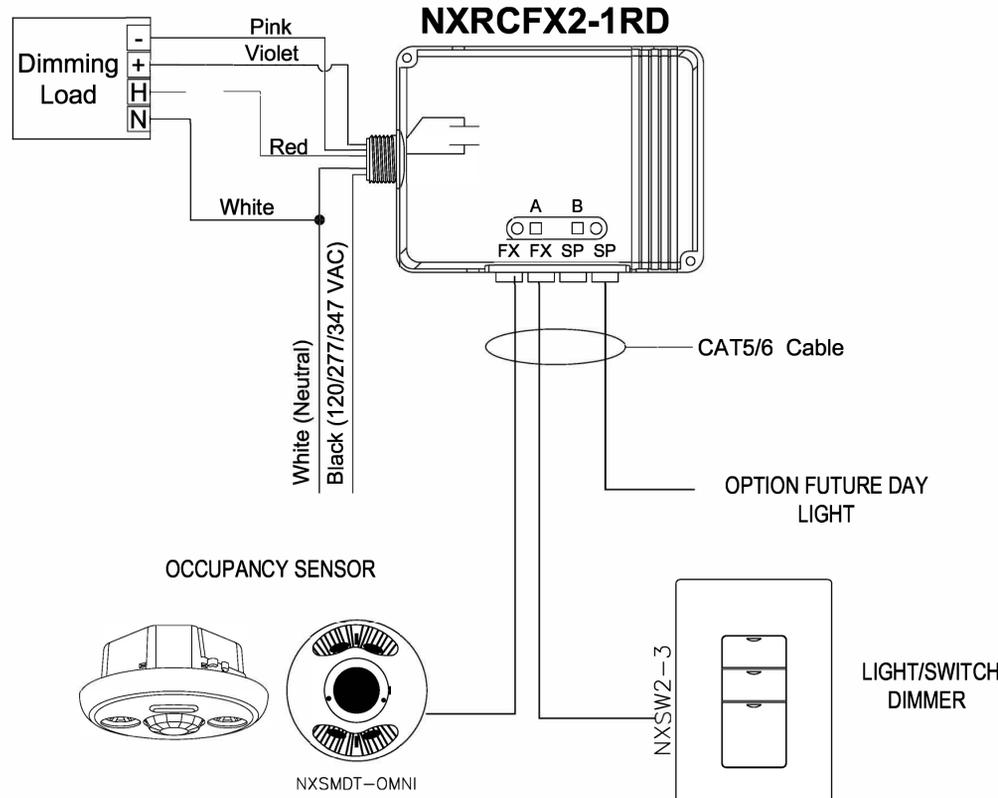
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Rev: 10/09/23

CCL_CBT_120-347_LED_SPE_R07

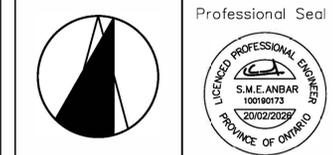


Ref. No.	Description	Date	Initial
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4	ISSUED FOR TENDER	2026/03/02	
5	ISSUED FOR ADDENDUM #2	2026/03/05	

Project:
ECOLE ELEMENTAIRE ANTONINE-MAILLET
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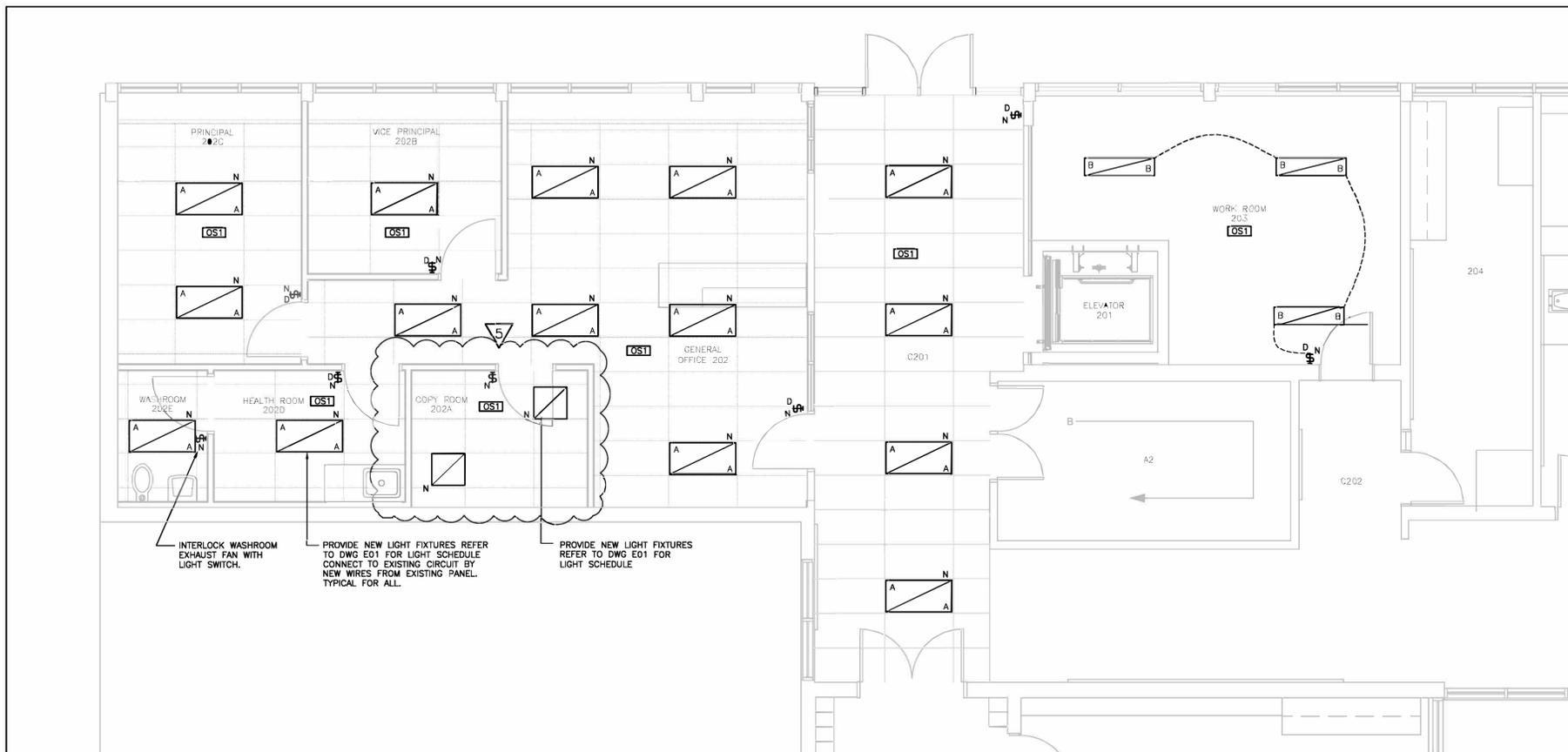
Title:
LIGHTING CONTROL DETAILS

Drawn by:	Date:
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Scale:	Issued:
Job No.:	Drawing No.:
Set No.:	

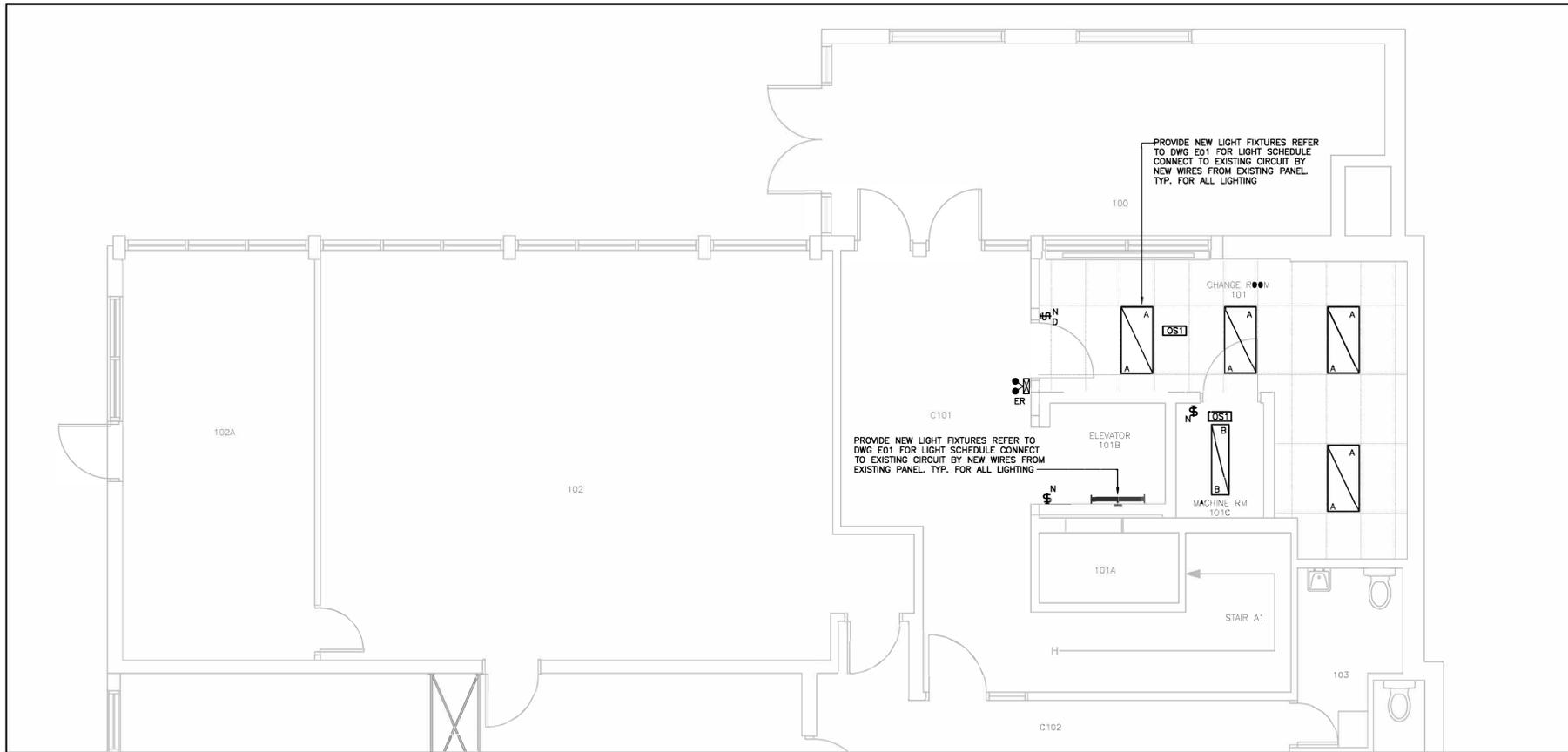
25116

E-2-(1)

of:



SECOND FLOOR - LIGHTING & SERVICES - NEW WORK
SCALE: 1:50



GROUND FLOOR - LIGHTING & SERVICES - NEW WORK
SCALE: 1:50

NOTES:
CONTRACTOR TO ALLOW FOR REMOVING THE CEILING AND ASSOCIATED DEVICES AS REQUIRED TO INSTALL THE NEW CONDUITS AND WIRING FOR THE NEW EQUIPMENT. REINSTATE THE CEILING AND ALL ASSOCIATED DEVICES AT THE COMPLETION OF THE WORK.
PROVIDE A FIRE ALARM VERIFICATION FOR ALL NEW EQUIPMENT AND FOR ANY EXISTING REMOVED/REINSTATE DEVICE.
FOR LIGHTING CONTROL REFER TO DRAWING E3-1

Revisions				
Ref.	No.	Description	Date	Initial
△	1	ISSUED FOR COORDINATION	2026/02/04	
△	2	ISSUED FOR COORDINATION	2026/02/19	
△	3	ISSUED FOR COORDINATION	2026/02/27	
△	4	ISSUED FOR TENDER	2026/03/02	
△	5	ISSUED FOR ADDENDUM #2	2026/03/05	

Project:
ECOLE ELEMENTAIRE
ANTONINE-MAILLET
615 RIDGEWAY AVE
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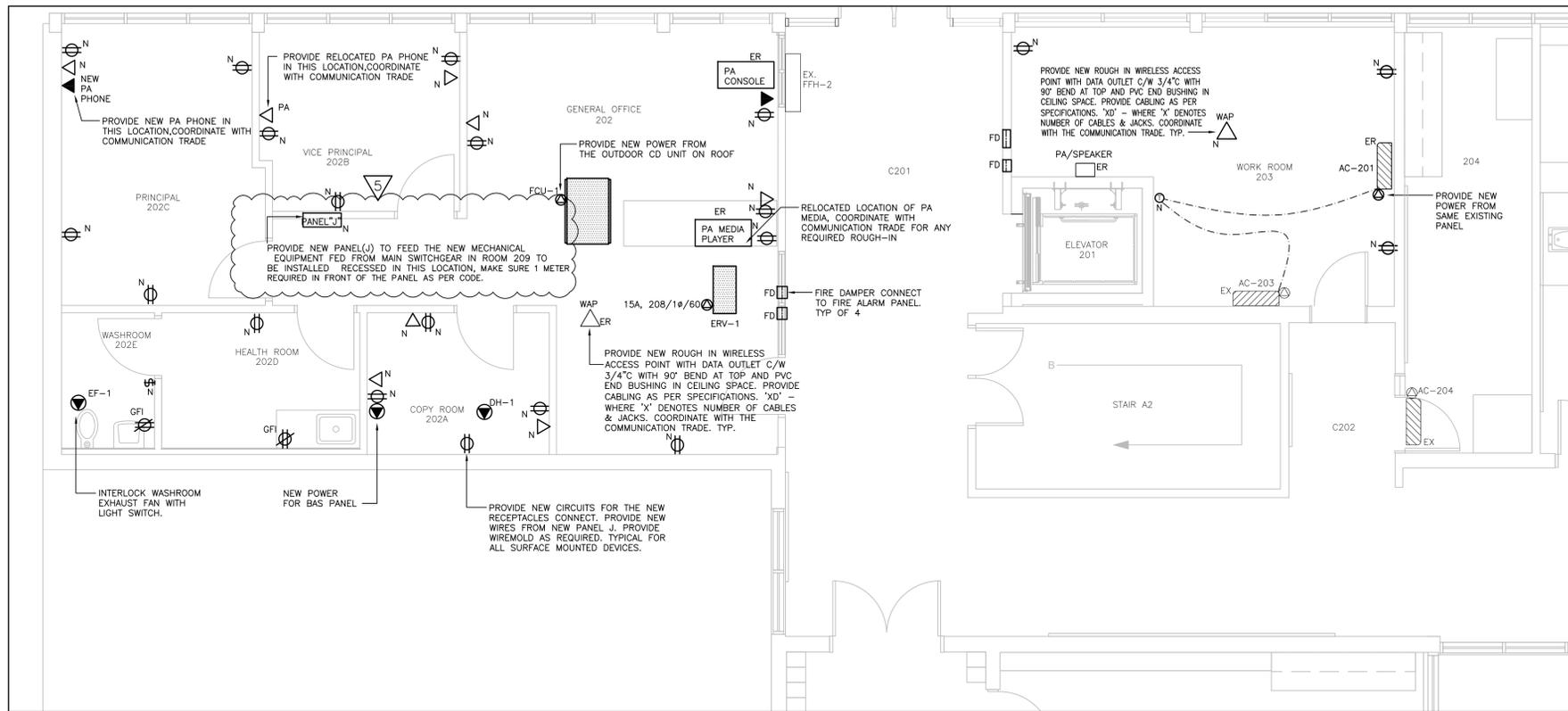
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Title:
GROUND AND SECOND FLOORS
LIGHTING - NEW WORK

Drawn by:	Date: JANUARY 2026
Checked by:	Plotted:
Scale: AS SHOWN	Issued:
Job No.: 25116	Drawing No.: E-3
Set No.:	of:



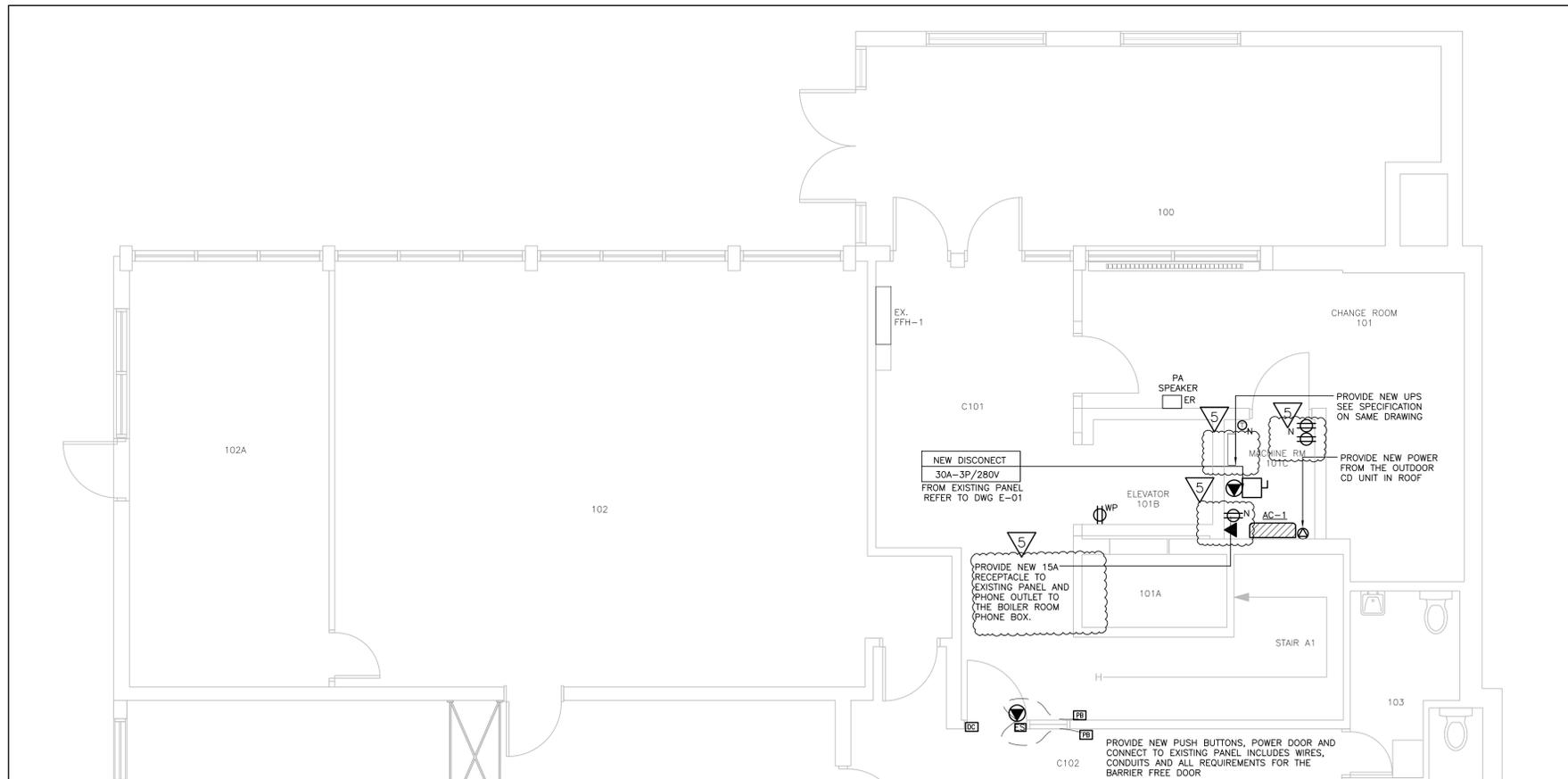
SECOND FLOOR — POWER — NEW WORK
SCALE: 1:50

GENERAL NOTES

- IT IS MANDATORY FOR THE ELECTRICAL CONTRACTOR TO VISIT SITE AND REVIEW EXISTING CONDITIONS AND DEMOLITION SCOPE OF WORK TO SUIT EXISTING ARCHITECTURAL AND STRUCTURAL CONDITIONS AND MECHANICAL DRAWINGS.
- CAREFULLY EXAMINE OTHER EXISTING UTILITY LINES SUCH AS GAS, WATER ETC. PRIOR TO START THE ELECTRICAL CONSTRUCTION WORKS AND COORDINATE WITH OTHER TRADES AND REPORT OF ANY DISCREPANCY PRIOR TO PROCEEDING.
- REFER TO ELECTRICAL AND MECHANICAL LAYOUTS FOR EXACT LOCATION OF ALL EQUIPMENT PROVIDE ALL REQUIRED DISCONNECTS, WIRES, STARTERS UP TO THE EXISTING PANEL BOARDS.
- LOCATIONS OF ALL NEW DISCONNECT SWITCHES, VFDS AND STARTERS SHALL BE CONFIRMED WITH DIVISION 15 PRIOR TO INSTALLATION.
- CONTRACTOR TO PROVIDE AND CONNECT ALL NEW RECEPTACLES, POWER, VOICE AND DATA UP TO EXISTING PANEL BOARDS AND EXISTING DATA AND VOICE RACKS. COMPLETE WITH ALL REQUIRED WIRES, CONDUITS AND CIRCUIT BREAKERS IF REQUIRED.

IMPORTANT NOTES:

- CONTRACTOR TO REMOVE AND RELOCATE THE POWER REQUIRED FOR AC-201 AS SHOWN PROVIDE AND CONNECT ALL NEW POWER, WIRES, CONDUITS AND CONTROL UP TO EXISTING PANEL BOARDS.
- CONTRACTOR TO REMOVE AND RELOCATE THE POWER REQUIRED FOR AC-201 AS SHOWN PROVIDE AND CONNECT ALL NEW POWER, WIRES, CONDUITS AND CONTROL UP TO EXISTING PANEL BOARDS.



GROUND FLOOR — POWER — NEW WORK
SCALE: 1:50

PROVIDE NEW UPS 1000WATT, 120V, SHNIEDER ELECTRICAL APC COMPLETE WITH BATTERY BACKUP FOR 4 HOURS TO BE CONNECTED TO THE CAMERAS, COMMUNICATION SYSTEM AND DSL IN THE MACHINE ROOM.

UPS SPECIFICATIONS

MAIN INPUT VOLTAGE 120 V
 INPUT CONNECTION TYPE NEMA 5-15P
 INPUT VOLTAGE LIMITS 86...154 V ADJUSTABLE
 92...147 V
 NETWORK FREQUENCY 50/60 HZ +/- 3 HZ AUTO-SENSING
 OUTPUT VOLTAGE 120 V
 OUTPUT FREQUENCY 47...53 HZ FOR 50 HZ NOMINAL SYNC TO MAINS
 57...63 HZ FOR 60 HZ NOMINAL SYNC TO MAINS
 RATED POWER IN W 670 W
 RATED POWER IN VA 1000 VA
 OUTPUT CONNECTION TYPE 6 NEMA 5-15R
 CREST FACTOR UP TO 5 : 1
 HARMONIC DISTORTION LESS THAN 5 % AT FULL LOAD
 MAXIMUM CONFIGURABLE POWER IN VA
 1000 VA
 MAXIMUM CONFIGURABLE POWER IN W
 670 W
 TRANSFER TIME 2 MS TYPICAL
 UPS TYPE LINE INTERACTIVE
 WAVE TYPE SINE WAVE
 CONTROL PANEL LED STATUS DISPLAY WITH LOAD AND BATTERY BAR—GRAPHS AND ON LINE : ON BATTERY : REPLACE BATTERY : AND OVERLOAD INDICATORS
 ALARM ALARM WHEN ON BATTERY : DISTINCTIVE LOW BATTERY ALARM : CONFIGURABLE DELAYS
 SURGE ENERGY RATE 320 J
 NOISE SUPPRESSION FULL TIME MULTI-POLE NOISE FILTERING : 0.3% IEEE SURGE LET—THROUGH : ZERO CLAMPING
 RESPONSE TIME : MEETS UL 1449
 NUMBER OF RACK UNIT 00
 CABLE LENGTH 6 FT (1.8 M)
 NUMBER OF CABLES 1
 COLOUR BEIGE
 HEIGHT 8.5 IN (21.6 CM)
 WIDTH 6.70 IN (17.02 CM)
 DEPTH 17.30 IN (43.94 CM)
 NET WEIGHT 42.1 LB(US) (19.1 KG)
 MOUNTING LOCATION FRONT
 MOUNTING PREFERENCE NO PREFERENCE
 MOUNTING MODE NOT RACK—MOUNTABLE
 USB COMPATIBLE NO
 PROVIDED EQUIPMENT CD WITH SOFTWARE
 SMART UPS SIGNALLING RS-232 CABLE
 USER MANUAL
 NUMBER OF POWER MODULE FILLED SLOTS 0
 NUMBER OF POWER MODULE FREE SLOTS 0
 REDUNDANT NO
ENVIRONMENT
 PRODUCT CERTIFICATIONS CSA
 EQUIPMENT PROTECTION POLICY LIFETIME : \$150000
 AMBIENT AIR TEMPERATURE FOR OPERATION 32...104 °F (0...40 °C)
 AMBIENT AIR TEMPERATURE FOR STORAGE 5...113 °F (-15...45 °C)
 STORAGE ALTITUDE 0...50000 FT (0...15240 M)
 RELATIVE HUMIDITY 0...95 %
 STORAGE RELATIVE HUMIDITY 0...95 %
 ACOUSTIC LEVEL 41 DBA
 HEAT DISSIPATION 100 BTU/H
 OPERATING ALTITUDE 0...10000 FT
 BATTERIES & RUNTIME
 BATTERY TYPE LEAD—ACID BATTERY
 EXTENDED RUNTIME 0
 NUMBER OF BATTERY FILLED SLOTS 0
 NUMBER OF BATTERY FREE SLOTS 0
 BATTERY RECHARGE TIME 3 H
 NUMBER OF BATTERY REPLACEMENT QUANTITY 1
 BATTERY LIFE 3...5 YEAR(S)
 REPLACEMENT BATTERY RBC6
 BATTERY CHARGER POWER 88 W RATED

Revisions				
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Project:
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Title:
 GROUND & SECOND FLOORS
 POWER & SYSTEMS
 NEW WORK

Drawn by: Date:
 JANUARY 2026

Checked by: Plotted:

Scale: AS SHOWN Issued:

Job No.: 25116 Drawing No.:

Set No.: E-4



- GENERAL NOTES:**
- COORDINATE ALL DEVICES WITH ARCHITECTURAL DRAWINGS. AS PER CAN/ULC S524 AND VERIFY TO SUIT CAN/ULCS537.
 - COORDINATE ALL NEW AND EX. FIRE ALARM DEVICES WITH OTHER TRADES DRAWINGS.
 - COORDINATE WITH ARCHITECTURAL LAYOUT FOR EXACT LOCATION, MOUNTING HEIGHT AND QUANTITY.
 - IF REQUIRED MOUNT SUPPLY AIR DUCT SMOKE DETECTOR IN A STRAIGHT SECTION MINIMUM 3 TIMES DIAMETER OF THE DUCT AWAY FROM ANY ELBOW. INSTALL TO THE SATISFACTION OF CAN/ULC S524 AND VERIFY TO SUIT CAN/ULCS537. DUCT SMOKE DETECTOR SHALL BE MOUNTED IN ACCESSIBLE CEILING SPACE.

SHEET KEYNOTES	
1	COORDINATE ALL THE FIRE ALARM SYSTEM DEVICES LOCATIONS WITH THE OTHER TRADES AND PROVIDE ALL DEVICES, WIRING AND CONNECT TO EXISTING FIRE ALARM SYSTEM IN THE BUILDING, TYPICAL FOR ALL.
2	THE FIRE ALARM PULL STATION SHALL BE EQUIPPED WITH LEXAN FOR PUBLIC AREAS AND ALL PULL STATIONS COMPLETE WITH ENGLISH/FRENCH INSTRUCTIONS.

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Title:
 SECOND FLOOR – FIRE ALARM SYSTEM – NEW WORK

Drawn by:	Date: JANUARY 2026
Checked by:	Plotted:
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Job No.: 25116	Drawing No.: E-10
Set No.:	of: