

**ADDENDUM # 4**

<b>Project</b>	Nelson H.S. Renovations	<b>Project No.</b>	2323
<b>Location</b>	4181 New Street, Burlington, Ontario	<b>Date of Issue</b>	2024 06 04
<b>Owner</b>	The Halton District School Board	<b>File</b>	2323/7.1.3

This Addendum forms part of the Contract Documents and amends the original Drawings and Specifications, dated 2024 05 13, as noted below.

Ensure all parties submitting bids are aware of all items included in this Addendum. Read, interpret and coordinate the items contained herein with the Contract Documents and include all related costs as part of the Bid Price. Acknowledge receipt of this Addendum before submitting your bid.

This Consultant Addendum consists of 4 pages + noted attachments.

**A4-1 DRAWINGS A207, A208, A209, A210, A211 & A212 PARTIAL RENOVATION PLANS (not issued)**

- .1 Replace 'PW6' with 16mm GB-AR on 64mm Metal studs on existing on existing column up to u/s of existing retained beam cladding.
- .2 Replace Renovation Note no. 29 with 'SC01 To provide 2 hour fire resistance rating for new structural support angles, c-channels, structural beams supporting existing roof slabs at **RTU-1, RTU-2, RTU-4 and RTU-5**'

**A4-2 DRAWING A213 ROOF PARTIAL RENOVATION PLAN (reissued)**

- .1 Replace drawing with re-issued drawing
- .2 Add dimensions to existing gridlines

**A4-3 MECHANICAL**

- .1 Refer to the attached Mechanical Addendum M-03 prepared by RDZ Engineering dated June 3, 2024

**A4-4 BIDDER QUESTIONS**

Q1 – Is it possible to provide gridline dimensions on structural drawings. There are no dimensions on architectural or structural.

A1 – Refer to item A4-2 above

Q2 – Will the building be occupied during required work or is it empty? Can all work be done during regular daytime hours?

A2 – The Building is an operational high school. During summer vacation it will be for the most part vacant, but during the school year will be in operation. The school will make available areas for work during the school year for renovations in increments to be determined as conceptually shown on phasing plans. Work can be done during regular daytime hours during both summer and operational sessions. During the

school year reasonable cooperation will be required to allow school operations to continue.

Q3 – Key Plan on drawing S1 shows area 3/S2 however there is no detail 3 on S2, please advise.

A3 – There is no area 3 as referenced on the key plan.

Q4 – Can we get verification as to which Phase areas 1 and 2 are in as they don't seem to be captured in the phasing plans?

A4 – RTU-2, RTU-5 are in Phase 1 Summer 2024; RTU-1, RTU-3 and RTU-4 are estimated to be delivered and installed in Fall 2024.

Q5 – Please see below Kilmer Environmental request for AAON equipment to be considered equal for the RTU's:

Subject: REQUEST FOR EQUAL  
Project: Nelson High School Renovations  
Address: 4181 New Street Burlington ON  
Project#: 2323

We respectfully request your consideration of the items listed below as equal to those specified on the above noted project.

This equipment would be quoted in accordance with the Tender Documents

Section	Tag	Product	Manufacturer
23 70 00		RTU-1,2,3,4,5 Natural Gas Fired & DX Cooled	
Air Handling Units		AAON	

A5 – RTU-2 has already been pre-purchased from Trane. AAON is acceptable for packaged rooftop unit (RTU-5).

Q6 – Please see question from an insulation subcontractor below:

DWG M6.2: The Exterior Thermal Insulation Specification on this drawing does not match the Exterior Insulation Specification found in Section 20 05 25, Item #3.06. Please review and advise.

A6 – Both type of insulation are acceptable as long as they meet the required performance.

Q7 – 1. Please confirm only 21 of 58 unit ventilators are pre-purchased as per addendum 1.

A7 – Per mechanical addendum M-01, a total of twenty-one (21) unit ventilators in the 1963 addition have been pre-purchased.

Q8 – Please clarify if UV-8 comes with CU-2, condenser for UV-8 didn't show on roof drawing M3.10.

A8 – UV-8 is to be provided with CU-2. Refer to Addendum M-03 for unit location on roof.

Q9 – On page 213-214 there is a mechanical supplementary bid form. How is that to be submitted?

A9 – Per instruction on bid form, email completed form by time of bid closing to Giovanni Rea ([giovanni@rdzeng.ca](mailto:giovanni@rdzeng.ca)). This supplementary bid form must be submitted within 1 hour of bid closing.

Q10 – On page 9 of the tender documents, it states to submit the subcontractor list, but there is no list provided in the bid documents, or a place to put this information on Bids and Tenders.

A10 – Not required.

Q11 – The following drawing was not issued in the Addendum # 2 – DWG A104 – Conceptual Implementation & Phasing Plans. Please review and advise.

A11 – Refer to Addendum No. 3

Q12 – Mechanical Insulation, Section 20 05 25, Item 2.07 Insulation Jackets and Finishes - Item 2.07.2 : Roll form sheet and fittings – minimum 15 mm (1/2") thick white PVC, Please review and advise on the thickness requirement.

A12 – PVC shall be 15mil (0.4mm) thick.

Q13 – Detail 3/A600, boxing of the steel columns what kind of material are they? Please clarify.

A13 – Refer to item A4-1.

Q14 – Within Addendum no. 2 - Spec section 09 96 46 was added. Please confirm which SC scope is to include this work.

A14 – Spec section 09 96 46 – Intumescent Painting work BY SC01 GENERAL

Q15 – Can you please confirm if our work is within the hoarded area during the school year (September - June) it can be completed during regular hours?

A15 – Revise Section 01 35 00 Item 1.8.2 as follows: "... Work performed within existing facility may be performed to the following times:

.1 July 1 to August 31 (Summer) : Mondays to Fridays, between the hours of 7:00 am and 11:00 pm.

.2 September 1 to June 30 (School Operation): Mondays to Fridays, between the hours of 7:00 am and 11:00 pm.

.3 Saturday and Sunday work may be performed as necessary with prior arrangement with the school Board.

Q16 – In regards to note 11 on A207, can you please confirm that these openings will be cut and removed by SC02 and only the infill is by SC01?

A16 – Duct penetration wall openings demo by SC02 DEMO&ABATEMENT.  
Masonry patchwork around new penetration BY SC01 GENERAL.

Q17 – Please confirm that the closing date has been revised to June 6th @3:00pm as per the addendum as Bids and Tender still states June 4th?

A17 – Correct: Closing Date is June 6<sup>th</sup> at 3:00pm

END OF ADDENDUM #4





# MECHANICAL ADDENDUM M-03

**RDZ**  
**ENG**

Project Name: HDSB Nelson High School Renovations Date: June 3, 2024  
Project Address: 4181 New Street,  
Burlington, ON L7L 1T3  
Project No.: 23178

## Mechanical Addendum M-03

Include for the following additions, deletions, and/or clarifications in your bid amount. Indicate in the space provided on the bid form that you have received and included for the requirements of this addendum.

### 1. SPECIFICATIONS

#### 1.1. SECTION 20 05 25: MECHANICAL INSULATION

##### .1 Revise article 2.07.2 as indicated below:

.2 Roll Form Sheet and Fitting Covers – minimum 15 mil (0.4mm) thick white PVC, 25/50 fire/smoke rated tested in accordance with ULC S102, complete with installation and sealing accessories. Acceptable products are:

- .1 Proto Corp. "LoSMOKE";
- .2 The Sure-Fit System "SMOKE-LESS 25/50";
- .3 Johns Manville Inc. "Zeston" 300.

#### 1.2. SECTION 23 70 00: ROOFTOP UNITS

##### .1 Revise article 2.01.12 as indicated below:

##### .12 ACCEPTABLE MANUFACTURERS

- .1 Trane;
- .2 Daikin;
- .3 Johnson Controls;
- .4 AAON.

# MECHANICAL ADDENDUM M-03



Project No.: 23178  
Date: June 3, 2024

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## 2. DRAWINGS

### 2.1. M-3.2: PARTIAL GROUND FLOOR NEW WORK PLAN - HVAC

- .1 Route refrigerant lines for 'UV-8' as indicated. Secure pipes to side of building up to low roof.

### 2.2. M-3.10: PARTIAL ROOF NEW WORK PLAN - HVAC

- .1 Locate condensing unit 'CU-2' for 'UV-8' on low roof as indicated. Run refrigerant lines between indoor and outdoor units as indicated.

## 3. ATTACHMENTS

### 3.1. DRAWINGS

- .1 M3.2: Partial Ground Floor New Work Plan - HVAC
- .2 M3.10: Partial Roof New Work Plan - HVAC

**End of Mechanical Addendum M-03**



2050 Guelph Line  
Burlington, Ontario

4181 NEW STREET  
Burlington, Ontario

**RDZ**  
**ENG**

**RDZ ENGINEERS LTD**  
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Vaughan, Ontario L4K 4A5  
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sn/der

Consultants  
Mechanical and Electrical Consultants  
**RDZ Engineering Ltd**  
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Tel: - -

**Kalos Engineering Inc**  
300 York Boulevard,  
Hamilton, Ontario, L8R 3K6  
Tel: 905-333-9119

A detailed floor plan of a large, multi-story building, likely a museum or gallery. The plan shows various rooms, corridors, and a central courtyard. A specific area on the right side of the plan is highlighted with a black rectangular box and labeled 'MUSEUM' and 'GALLERY'.

True North

[illegible]

Drawing Title

# PARTIAL GROUND FLOOR NEW WORK PLAN - HVAC

Scale: 1:100 Date: 10/05/2024

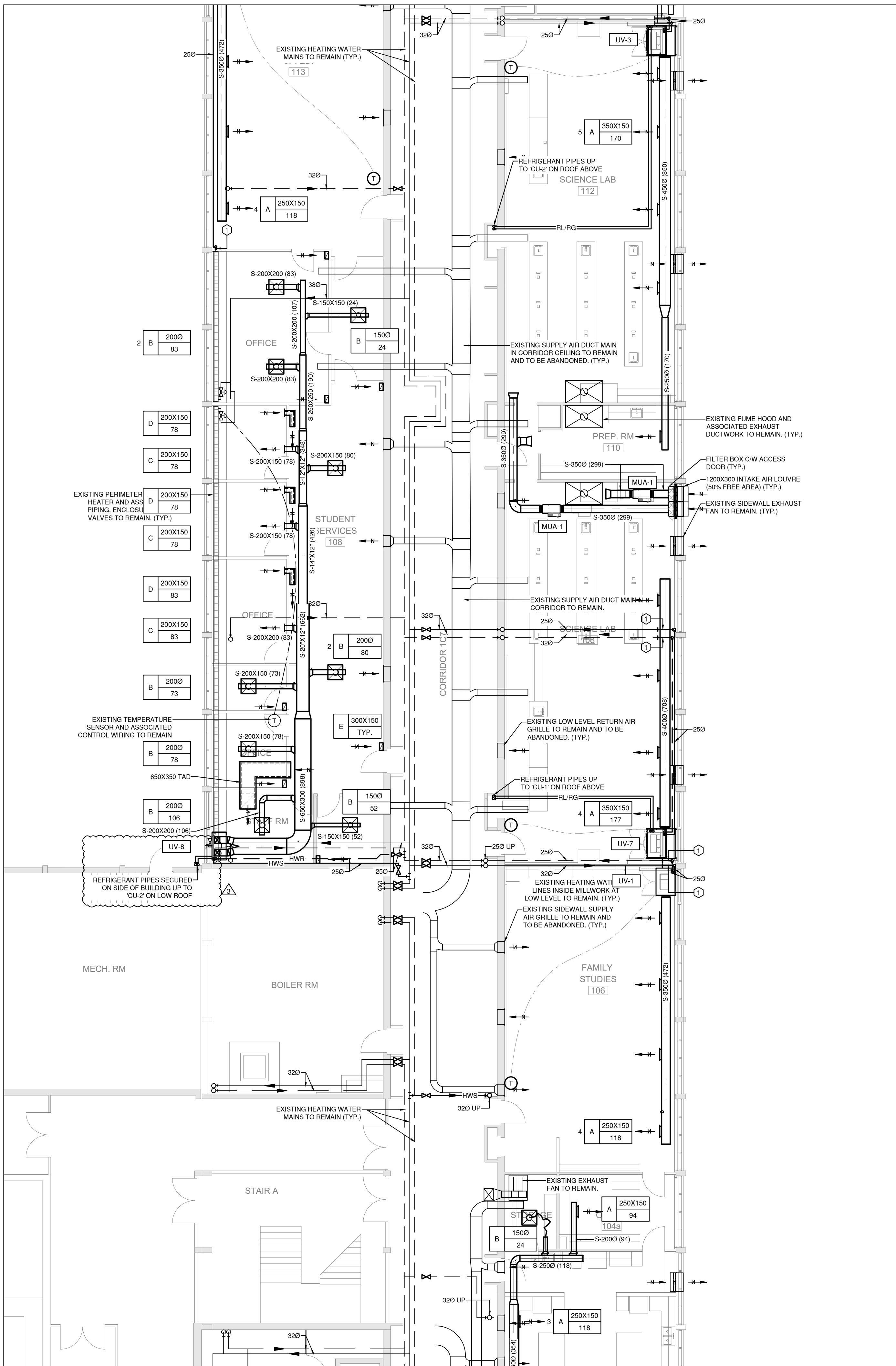
Drawn by: SL | Checked by: VK

Job No

2323

Drawing No.

## M3.2



1 PARTIAL GROUND FLOOR PLAN  
M3.2 Scale: 1:100



1. ANY ROOF RELATED WORK IS TO BE EXECUTED BY HDSB APPROVED VENDORS AND COMPATIBLE ROOFING MATERIAL ARE TO BE USED. CONTRACTOR IS RESPONSIBLE TO NOTIFY AND COORDINATE WORK ON ROOF WITH ALL PARTIES PRIOR TO CONSTRUCTION.
2. PATCH, SEAL, AND MAKE GOOD OF ALL ROOF OPENINGS. ALL ROOFING WORK TO BE PROVIDED BY HDSB'S PRE-QUALIFIED ROOFING CONTRACTORS.
3. PAINT FULL CIRCUMFERENCE OF GAS PIPE YELLOW AS PER CSA B149.1. LABEL GAS PIPING COMPLETE WITH GAS PRESSURE ON WEATHERPROOF LABELS AS PER CSA B149.1.



## M3.10