

ADDENDUM NO. 3

March 6, 2026

The following additions, deletions, modifications and clarifications issued herein are hereby an integral part of the Tender and Contract Documents. Minor Typographic or spelling mistakes in the Contract Documents which do not significantly affect the meaning of the sentence or phrase in which they occur may not necessarily be corrected by Addenda.

GENERAL

1. Ensure that all parties submitting bids are aware of this **Addendum No. 3** and its contents.
2. **Contents:** Addendum No.3 - in its entirety consists of the following:
 - .1 Four (4) typed pages of instructions
 - .2 Forty Nine (49) pages of specifications:
 - '02 80 00 Designated Substance Report',
 - 'Project Specific Designated Substance Survey Report',
 - '02 80 10 Abatement Subcontractors' and
 - '02 82 10 Type 1 Asbestos Abatement'
 - .3 Three (3) full size drawings (30"x42"), A02, A03, A07
 - .4 Kitchen Addendum No.2 – Two (2) typed page of instructions
 - .5 Structural Addendum No.1 – One (1) typed page of instructions and two (2) drawings 30"x42"
 - .6 Mechanical Addendum No.2 – One (1) typed page of instructions and three (3) drawings 30"x42"
 - .7 Electrical Addendum No.1 – One (1) typed page of instructions and two (2) drawings 30"x42"

QUESTIONS & ANSWERS

QUESTION 1: In the arch drawings A03 & A05 the total fixtures are 63 units, but in electrical drawings E2.0 & E3.4 are 24 units and these 24 units are subject to removal and reinstall, how about other fixtures, it's part of new order items or it will be provided by the client.

ANSWER 1: Refer to drawing E1.0 Abbreviation Table for (ER, PR, ER/RP) annotations as indicated on lighting layouts. Additionally, refer to drawing E3.0 for Electrical Re & Re scope of work notes.

QUESTION 2: The Panel LP-QO with note "New L:P-QO in drawings E4.0 schedule of load is a new panel that need to pricing? Because in the drawings E2.0 – demolition layout, there is panel name LP-QO (notified as RM), subject for removal, so this old panel is no longer to re-use, please confirm?

ANSWER 2: Correct, existing not to be re-used. Provide new per construction documents.

QUESTION 3: Why are we cutting and removing the section of slab on grade at the left side of the existing culinary classroom x132, when there is no new plumbing underground work over there. please confirm?

ANSWER 3: Floor cutting scope of work has been removed. Above ceiling plumbing for exterior hose bib scope of work has been removed. Existing plumbing and hose bib to remain as is.

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QUESTION 4: Please provide plumbing fixture specifications for items 18 and 29 on the K1 Equipment List & Services

ANSWER 4: Please see attached Food Service Addendum for items, which includes clarification that these items are to be supplied by the food service sub-contractor and installed by the mechanical sub-contractor.

QUESTION 5: Food Service Sub-Contractors are asking for an extension of the closing date.

ANSWER 5: The Tender close date has been extended one week to Tuesday March 17, 2026.

QUESTION 6: Can you clearly identify scope of new millwork and clearly identify scope of salvaged millwork.

ANSWER 6: Cosmetology Millwork is identified in a schedule on A07. Items 83, 84, 85, 86 based on their age and condition shall be evaluated by millwork contractor for relocation with refurbishment or replaced entirely. Contractor to utilize millwork from both existing classrooms to outfit the new classroom.

QUESTION 7: Can the supply and install of the food service equipment be an allowance?

ANSWER 7: The specified food service equipment is to be included in the tender bid and will not be changed to an allowance.

QUESTION 8: Typically, we see Firelite Plus or Pyran Platinum L in applications like this. Especially when its only a 20-minute fire rating. Can we identify Firelite Plus or Pyran Platinum L as an approved alternative?

ANSWER 8: Refer to specification section update below.

AMENDMENTS TO SPECIFICATIONS

Item 1: Section 00 00 10 TABLE OF CONTENTS:

.1	ADD items as follows:		
	“ 02 80 00	Designated Substance Report	1
		Project Specific Designated Substance Survey Report	34
	02 80 10	Abatement Subcontractors	1
	02 82 10	Type 1 Asbestos Abatement	13”

Item 2: Section 00 21 10 STIPULATED PRICE BID FORM:

.1 REVISE item 1.1 to read:
“DATE OF TENDER CLOSE: 4:00:00 P.M., TUESDAY **MARCH 17, 2026**”

Item 3: Section 02 80 00 DESIGNATED SUBSTANCE REPORT

.1 ADD section 02 80 00 Designated Substance Report (1 page) enclosed.
.2 ADD 34 page report entitled ‘Project Specific Designated Substance Survey Report’ by JD Environmental Consultants Inc.

Item 4: Section 02 80 10 ABATEMENT SUBCONTRACTORS

.1 ADD section ‘02 80 10 Abatement Subcontractors’ in its entirety.

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Item 5: Section 02 82 10 TYPE 1 ASBESTOS ABATEMENT

- .1 ADD section '02 82 10 Type 1 Asbestos Abatement' in its entirety.

Item 6: Section 08 80 50 GLAZING

- .1 REVISE item 2.1.2 to read as follows:
".2 Fire Rated Glazing ('FRG'): Fire rated glazing.....Intumescent laminated **or ceramic fire rated** glazing to be supplied by:
.1 Fireswiss by Glas Trosch
.2 Pyrostop by Pilkington
.3 ContraFlam by Vetrotech
.4 **Firelite Plus**
.5 **Pyran Platinum L**"

Item 7: Section 09 65 17 RESILIENT SAFETY FLOORING

- .1 REVISE item 2.1.2 to read as follows:
".2 Slip Resistant Sheet Vinyl (SSF):
(1) To ASTM F 1303, **Type 2, Grade 1, heavy duty safety flooring with moisture resistant backing Class A.**
(2) Slip resistance rating: Conforming to ASTM D2047, 0.92.
(3) Thickness: **2.5 - 3 mm**, Width: 2000 mm, Length: 15 m, **Weight: 3.1 - 3.4 kg/sq.m.**
(4) Colour: To be selected by Consultant.
(5) Location: For use in Culinary Arts Classroom
(6) Acceptable product and manufacturer: **'Altro Stronghold 30' by Altro, 'Tarasafe Plus' by GerFlor, 'Polysafe Apex 55' by Polyflor** or approved alternative."

Item 8: Section 09 65 19 RESILIENT TILE FLOORING

- .1 ADD item 2.1.1.7 to read as follows:
".7 **Expona Commercial, by Polyflor**"

AMENDMENTS TO DRAWINGS

Item 9: Drawing A07 SCHEDULES & AD DRAWING:

- .1 REPLACE: full size 30" x 42" drawing, 'A02' with enclosed ' A02 PARTIAL GROUND FLOOR DEMOLITION PLANS'.
.2 REPLACE: full size 30" x 42" drawing, 'A03' with enclosed ' A03 PARTIAL GROUND FLOOR PROPOSED PLAN'.
.3 REPLACE: full size 30" x 42" drawing, 'A07' with enclosed ' A07 SCHEDULES & AD DETAILS'.

FOOD SERVICES/KITCHEN

Item 10: FOOD SERVICES/KITCHEN:

- .1 Food Service Addendum No.2 – Two (2) typed page of instructions. dated March 5, 2026 attached

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STRUCTURAL

Item 11: STRUCTURAL:

- .1 Structural Addendum No.1 – One (1) typed page of instructions, dated March 6, 2026 attached
- .2 REPLACE: full size 30" x 42" drawing, 'S01' with enclosed ' S01 GENERAL NOTES + TYPICAL DETAILS'.
- .2 REPLACE: full size 30" x 42" drawing, 'S02' with enclosed ' S02 GENERAL NOTES + TYPICAL DETAILS'.

MECHANICAL / ELECTRICAL

Item 12: MECHANICAL:

- .1 Mechanical Addendum M-02 – One (1) typed page of instructions, dated March 6, 2026 and one page of specification section 22 42 00, attached
- .2 REPLACE: full size 30" x 42" drawing, 'M1.0' with enclosed ' M1.0 DRAWING LIST, SYMBOL LIST, NOTES, SCHEDULES, DETAILS'.
- .3 REPLACE: full size 30" x 42" drawing, 'M2.2' with enclosed ' M2.2 GROUND FLOOR & SECOND FLOOR DEMOLITION – PLUMBING & FIRE PROTECTION'.
- .4 REPLACE: full size 30" x 42" drawing, 'M5.1' with enclosed ' M5.1 EQUIPMENT SCHEDULES'.

Item 13: ELECTRICAL:

- .1 Electrical Addendum E-011 – One (1) typed page of instructions. dated March 3, 2026 attached
- .2 REPLACE: full size 30" x 42" drawing, 'E1.0' with enclosed ' E1.0 SYMBOL LIST AND DETAILS'.
- .3 REPLACE: full size 30" x 42" drawing, 'E4.0' with enclosed ' E4.0 POWER RISER DIAGRAM'.

End of Addendum No. 3

Part 1 General

- .1 ASBESTOS AUDIT UPDATE Report
- .2 Refer to report pertaining to hazardous materials and abatement survey and findings prepared by others bound within the specifications for convenience only.
- .2 This report outlines the hazardous materials discovered at this site.

A HAZARDOUS BUILDING MATERIAL ASSISSMENT (Pre-Construction) of the building was carried out for the Owner by:

JD Environnemental Consulting Inc.

JD Environmental File: **213**
Report is dated **March 4, 2026**

Jason De Sousa
Director of Operations

- .4 The specification sections related to Asbestos Survey or Abatement forms part of the Contract Documents but contains information that is not prepared by the Architect or their sub consultants. The referenced asbestos reports and asbestos abatement specifications were not prepared by or under the supervision of the Architect. While every effort has been made to attempt to provide comprehensive abatement testing information for the purposes of design and tendering, the Architect claims no responsibility or liability for the accuracy of the information contained in the report.
- .5 Refer also to Division 1 and Section 01 35 30 and coordinate with this Section.

Part 2 Products

- 2.1 1. Refer to documents noted above.

Part 3 Execution

- .1 Inspection and Testing will be paid for under Cash Allowances.

END OF SECTION



JD ENVIRONMENTAL
CONSULTING INC.

Presented to:

Halton Catholic District School Board

Courtney Abrahams

802 Drury Lane, Burlington, ON

L7R 2Y2

March 4, 2026

JD Environmental Project No. 213



PROJECT SPECIFIC DESIGNATED SUBSTANCE SURVEY REPORT

**NOTRE DAME CATHOLIC SECONDARY SCHOOL
2333 HEADON FOREST DRIVE, BURLINGTON
(COSMETOLOGY & CULINARY ARTS RENOVATION)**



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[**Attachment A- Laboratory Analytical Report for Asbestos Bulk Samples**](#)

[**Attachment B- Laboratory Analytical Report for Lead Bulk Samples**](#)

1 Introduction

JD Environmental Consulting Inc. visited the site on February 26, 2026 in order to conduct a Project Specific Designated Substance Survey within specific locations of Notre Dame Catholic Secondary School. The survey was performed based on the result of an upcoming Cosmetology and Culinary Arts Interior Renovation in accordance with the drawings prepared by Hossak Architecture on behalf of the HCDSB. For the purpose of this report, “The Site” is considered as Notre Dame Catholic Secondary School located at 2333 Headon Forest Drive, Burlington.

Areas encompassed in the survey included the Cosmetology Room (130B), the Culinary Arts Room (132), Portions of the 1st and 2nd Floor Corridors, and Room 228.

As part of the assessment, JD Environmental conducted a visual review of all accessible areas which was supplemented with representative bulking sampling for asbestos and lead.

The Occupation Health and Safety Act defines 11 designated substances which are subjected to individual government regulations. It is mandatory to conduct a designated substance survey prior to the start of any renovation or construction project in order to identify if any designated substances are present and may be potentially disturbed by work of the project. The 11 designated substances include:

<i>Acrylonitrile</i>	<i>Isocyanates</i>	<i>Arsenic</i>	<i>Coke Oven Emissions</i>
<i>Benzene</i>	<i>Silica</i>	<i>Mercury</i>	<i>Lead</i>
<i>Vinyl Chloride</i>	<i>Asbestos</i>	<i>Ethylene Oxide</i>	

Although not considered “Designated Substances” mould and polychlorinated biphenyls (PCBs) are subjected to similar guidelines and are often treated in a parallel fashion. As a result, a visual review for mould amplification sites and polychlorinated biphenyls (PCBs) were also encompassed in the survey.

2 Regulations and Guidelines

The following is a list of the regulations and guidelines that were incorporated during the completion of the survey.

- Occupational Health and Safety Act R.S.O. 1990, c. 0.1
“30 (1) Before beginning a project, the owner shall determine whether any designated substances are present at the project site and shall prepare a list of all designated substances that are present at the site.” -Occupational Health and Safety Act R.S.O. 1990, c. 0.1
- Ontario Regulation 278/05: Designated Substance — Asbestos on Construction Projects and in Buildings and Repair Operations

In general, the major requirement in this regulation is that an asbestos survey be recorded in a building. If asbestos is confirmed to be present, an Asbestos Management Program must be prepared for the building.

This regulation applies to all buildings where known or suspect asbestos-containing materials are present. Building owners, contractors, and employees participating in a project are subjected to this regulation. In instances where building repairs, demolition, alterations or maintenance work are occurring, this regulation also takes effect.

- Ontario Regulation 347- Waste Management
- Ontario Regulation 490/09- Designated Substances
- Ontario Regulation 362- Waste Management- PCB's
- Environmental Abatement Council of Canada (EACC) "Lead Guideline for Construction, Renovation, Maintenance or Repair", October 2014.
- Ministry of Labour (MOL) Document, "Guideline - Lead on Construction Projects", September 2004
- Environmental Abatement Council of Canada (EACC) "Mould Abatement Guidelines Edition 3 (2015)
- Ministry of Labour (MOL) Document, "Guideline - Silica on Construction Projects", September 2004

3 Survey Methodology and Restrictions

3.1 Survey Scope

The Designated Substance Survey included a visual review of the building in conjunction with bulk sampling for suspect asbestos and lead-containing materials (as required).

The designated substance survey encompassed all accessible areas and was primarily conducted on a visual basis. No demolition or destructive investigations were performed. Views within solid wall, ceiling, or floor cavities were not made unless existing damage was present or access was possible by means of hatches or the presence of lay-in ceiling tiles.

Due to the non-intrusive nature of the assessment, concealed materials may be present that were not necessarily documented in this report.

Based on our knowledge of the building, only asbestos, silica, lead, and mercury are anticipated to be present that may be impacted by the project.

The balance of the designated substances would not be suspected to be present and/or observed based on JD Environmental's knowledge of the building. These remaining designated substances would more so be expected to be found in manufacturing or industrial settings and will therefore no longer be noted or referenced in this report.

3.2 Asbestos-Containing Materials (ACM)

An inventory of the presence and condition of asbestos-containing materials was recorded. Each material sampled was assigned a unique sample number allocated by JD Environmental.

Representative bulk samples of building materials were collected in the frequency required under Table 1, Subsection 3(3) of Ontario Regulation 278/05- Designated Substances – Asbestos on Construction Projects and in Buildings and Repair Operations. Each type of homogeneous material was categorized into individual "Sample Sets". In general, the quantity of bulk samples included within each "Sample Set" was either 3, 5, or 7 based on the amount of the material that was observed to be present.

To collect a bulk sample, a small amount of the material (i.e. the size of a penny) was extracted using a non-powered hand tool such as a chisel. Bulk sample locations are chosen in areas containing existing damage or within inconspicuous areas. The bulk samples were then placed in plastic bags, sealed, labelled, and transported to the laboratory.

Asbestos bulk samples were submitted to EMC Scientific ("EMC"), an independent commercial laboratory following the Code for the Determination of Asbestos in Bulk Samples, which is prescribed by the Ontario Ministry of Labour Regulation 278/05 (Code for the Determination of Asbestos for Bulk Samples, August 23, 1985). EMC Scientific is accredited under the U.S. National Voluntary Laboratory Accreditation Program (NVLAP) to ensure consistent, accurate and defensible results. Bulk samples were analysed using the Polarized Light Microscopy ("PLM") method.

If the presence of asbestos is detected, the type of asbestos as well as the percentage (by dry weight) will be expressed in the report along with the coinciding third party analytical report.

In applicable circumstances, if a material was determined to be asbestos-containing, the laboratory was instructed to cease analysis of the remaining samples in the subject Sample Set.

Where asbestos-containing materials were identified, their condition was documented and categorized as either: good, fair, or poor.

3.3 Asbestos Bulk Sampling Exclusions

JD Environmental did not sample materials that would damage their integrity and/or components including, but not limited to: caulking, fire doors, cementitious levelling compound, acoustic ceiling tile adhesive, gaskets in piping, mastics, cementitious mortar on the back side of ceramic tile applications, ceramic tile grout, internal components of boilers and other mechanical equipment, and components of electrical equipment.

Asbestos may also be present in the form of vermiculite insulation in cavities within concrete or cement block walls (used as in-fill insulation). Confirmatory testing of any such materials may be undertaken as the need arises (i.e., at the time of renovations, modifications or demolition).

In addition, JD Environmental did not collect bulk samples of roofing materials. Samples of roofing materials should be performed as part of a project-specific designated substance survey when the roof is scheduled for replacement and/or repairs. The sampling should be completed in tandem with a qualified roof contractor in order to complete the repairs of the sample locations. This statement is particularly important in regards to flattop roof systems.

3.4 Lead-Containing Materials

An inventory of the presence and condition of lead-containing materials was recorded. Each material sampled was assigned a unique sample number allocated to it by JD Environmental. The assessment included representative lead sampling of paints, mortars, grout etc. (as required). Only major paint colour applications were sampled as part of the assessment.

To collect a bulk sample, a small amount of the material (i.e. the size of a penny) was extracted using a non-powered hand tool such as a chisel. Bulk sample locations are chosen in areas containing existing damage or within inconspicuous locations. The bulk samples were then placed in plastic bags, sealed, labelled, and transported to the laboratory.

Lead bulk samples were analyzed by EMSL Canada (“EMSL”). EMSL is AIHA (American Industrial Hygiene Association) and NIOSH (National Institute of Occupational Safety and Health) accredited laboratory.

The samples were analyzed using Flame Atomic Absorption Spectrometry in accordance with EPA Method SW 846 3050B/7000B Flame Atomic Absorption Spectrophotometry. Results of paint analysis will be reported as the percentage of lead by weight of the total sample (% by wt.). Results of mortar analysis will be reported as the mass of lead in the total sample (mg/kg).

3.5 Mercury

The assessment for mercury was performed on a non-destructive, visual basis. No sampling pertaining to mercury products was completed as part of this assessment.

Mercury is often used in thermometers, barometers, manometers, switches and relays, fluorescent light tubes and other devices due to its electrical conductivity properties and liquid state at standard temperature and pressure.

The disposal of common mercury waste (i.e. thermostats or fluorescent light tubes) is controlled by the Ontario Ministry of Environment, Conservation and Parks (MECP) Regulation, O. Reg. 347, R.R.O. 1990 (as amended by O. Reg. 334/13).

3.6 Silica

The assessment for silica was performed on a non-destructive, visual basis. No sampling pertaining to silica products was completed as part of this assessment.

Silica is historically known to be present in all concrete, cement, tile, brick, masonry, mortar, etc.

3.7 Mould & Water Damage

The assessment for mould and water damage was conducted in accordance with standard industry practice as set out by the following entities:

- *The Environmental Abatement Council of Canada (EACC)*
- *The Canadian Construction Association (CCA) “Mould Guidelines for the Canadian Construction Industry”*
- *Institute of Inspection, Cleaning and Restoration Certification (IICRC) Standard S500/S520*

Although there are no “regulatory requirements” in Ontario for mould investigations, the above noted guidelines have been accepted as the industry standard.

The assessment for mould was performed on a non-destructive, visual basis. No sampling pertaining to mould was completed as part of this assessment.

3.8 Polychlorinated Biphenyls (PCBs)

PCBs are primarily known to be present in caulking, transformers, fluorescent light ballasts, paints/coatings, etc.

PCBs were banned from manufacturing and import in North America in 1977.

Dry-type transformers and fluorescent light ballasts with T8 style fluorescent light tubes would not be suspected to contain PCBs.

Handling, waste management and storage of suspect PCB containing materials should be followed as outlined by O. Reg. 362/90, R.R.O. 1990 (as amended by O. Reg. 232/11). In addition, requirements outlined in the federal regulation SOR/2008-273, as amended, made under the Canadian Environmental Protection Act (CEPA) should be followed.

4 Site Observations

4.1 Visual Assessment

The site is a two-storey high school that was originally constructed in 1989.

General findings are outlined below:

- General building materials and finishes within the assessed areas consist of the following:

Building Component	Material/Description
Floors	Vinyl Floor Tiles, Ceramic
Walls	Masonry Block
Ceilings	Acoustic Ceiling Tiles
Deck	Corrugated Metal, Concrete
Beams	Steel (with Sprayed Fireproofing)
Pipe Systems	Un-Insulated, Fibreglass
Duct Systems	Un-Insulated, Fibreglass

- Corkboards and white boards were installed in the assessed areas which are anticipated to be removed to facilitate the proposed renovations. It should be noted that JD Environmental did not have access to presumed asbestos-containing mastic used to affix the cork and whiteboards to the walls.

Representative photographs of the assessed areas were taken and are included below.



Figure 1: View of Cosmetology Room (130B).



Figure 2: View of Culinary Arts Room (132).



Figure 3: View of Room 228.

5 Asbestos Findings

The following is a summary of the suspect asbestos-containing materials identified within the building. Only materials observed within the building and were sampled are outlined and described below.

Thirty-two (32) representative bulk samples of suspect asbestos-containing materials were collected to satisfy the requirements set forth by Ontario Regulation 278/05 and to determine the potential presence of asbestos. The samples were delivered to EMC Scientific, a third-party accredited laboratory, by JD Environmental following the fieldwork.

It is possible that the laboratory analyzed additional materials or layers that were detected and/or included with the submitted samples. Subsequently, **a total of forty (40) samples were analyzed.**

A summary of the PLM bulk sample results are provided in Table 1 below. Refer to Attachment A to review the copy of the laboratory report prepared and issued by EMC Scientific.

TABLE 1: PLM ASBESTOS BULK SAMPLE RESULTS			
Sample ID	Sample Area	Material Sampled	Result
S-01A	130B	Masonry Block Primer	None Detected
		Masonry Block Mortar	None Detected
S-01B		Masonry Block Primer	None Detected
		Masonry Block Mortar	None Detected
S-01C	132	Masonry Block Primer	None Detected
		Masonry Block Mortar	None Detected
S-01D		Masonry Block Primer	None Detected
		Masonry Block Mortar	None Detected
S-01E	228	Masonry Block Primer	None Detected
		Masonry Block Mortar	None Detected
S-02A	130B	Acoustic Ceiling Tile 01	None Detected
S-02B	132	Acoustic Ceiling Tile 01	None Detected
S-02C	228	Acoustic Ceiling Tile 01	None Detected
S-03A	130B	Vinyl Floor Tile 01	None Detected
		Black Mastic	None Detected
S-03B		Vinyl Floor Tile 01	None Detected
		Black Mastic	None Detected
S-03C	132	Vinyl Floor Tile 01	None Detected
		Black Mastic	None Detected
S-04A	130B	Sprayed Fireproofing	None Detected
S-04B	132	Sprayed Fireproofing	None Detected
S-04C	132	Sprayed Fireproofing	None Detected
S-05A	130B	Wall Caulking	None Detected
S-05B	132	Wall Caulking	None Detected
S-05C	228	Wall Caulking	None Detected
S-06A	130B	Vinyl Baseboard Mastic	None Detected
S-06B	132	Vinyl Baseboard Mastic	None Detected
S-06C	228	Vinyl Baseboard Mastic	None Detected

TABLE 1: PLM ASBESTOS BULK SAMPLE RESULTS			
Sample ID	Sample Area	Material Sampled	Result
S-07A	130B	Door Glazing Putty	2% Chrysotile
S-07B	132	Door Glazing Putty	2% Chrysotile
S-07C	228	Door Glazing Putty	2% Chrysotile
S-08A	130B	Millwork Caulking	None Detected
S-08B	132	Millwork Caulking	None Detected
S-08C	228	Millwork Caulking	None Detected
S-09A	130B	Door Frame Caulking	None Detected
S-09B	132	Door Frame Caulking	None Detected
S-09C	228	Door Frame Caulking	None Detected
S-10A	130B	Anti-Sweat Sink Mastic	1% Chrysotile
S-10B	132	Anti-Sweat Sink Mastic	1% Chrysotile
S-10C	132	Anti-Sweat Sink Mastic	1% Chrysotile

A summary of the building materials sampled during the current site review is outlined below.

- **Masonry Block Mortar/Primer:**

Masonry block walls were observed to be present throughout the assessed areas.

A total of five (5) bulk samples (Sample Set S-01) of masonry block mortar/primer were collected and examined to determine the potential presence of asbestos in the material. The laboratory review and analysis of Sample Set S-01 established that the masonry block mortar/primer in the project areas does not contain asbestos.

- **Acoustic Ceiling Tiles:**

No asbestos-containing acoustic ceiling tiles were identified to be present in the assessed areas.

Two (2) visually distinct types of ceiling tiles were observed in the project areas as described below.

- AT-01: (2'x4' Random Pinhole Large Fissure)

AT-01 was observed to be present as the predominant ceiling tile in the assessed areas.

Three (3) bulk samples (Sample Set S-02) of AT-01 were collected and examined to determine the potential presence of asbestos in the material. The laboratory review and analysis of Sample Set S-02 established that AT-01 does not contain asbestos.

- AT-02: (2'x4' Random Pinhole Small Fissure)

AT-02 was observed to be present in the Corridors and as replacement tiles in the assessed areas.

No bulk samples of AT-02 were collected as a date stamp code (2009) was observed on the topside of the tile indicating that the tiles were recently manufactured and therefore not suspected to contain asbestos.

- ***Vinyl Floor Tiles:***

No asbestos-containing vinyl floor tiles were identified to be present in the assessed areas.

One (1) type of vinyl floor tile system (12"x12" Grey Streaks) was observed throughout the assessed areas.

Three (3) bulk samples (Sample Set S-03) of VFT-01 were collected and examined to determine the potential presence of asbestos in the material. The laboratory review and analysis of Sample Set S-03 established that the subject vinyl floor tiles do not contain asbestos.

Black mastic associated with the vinyl floor tiles were also included in the analysis process which confirmed that the material does not contain asbestos.

Refer to Figure 4 below to view the non-asbestos vinyl floor tiles in the project areas.



- **Sprayed Fireproofing:**

No asbestos-containing sprayed fireproofing was identified to be present in the assessed areas.

Grey fibrous sprayed fireproofing was observed to be applied to steel beams in the ceiling space of the Culinary Arts Room (132) and the Cosmetology Room (130B).

Three (3) bulk samples (Sample Set S-04) of sprayed fireproofing were collected and examined to determine the potential presence of asbestos in the material. The laboratory review and analysis of Sample Set S-04 established that the subject sprayed fireproofing does not contain asbestos.

Refer to Figure 5 below to view the non-asbestos sprayed fireproofing in the project areas.



Figure 5: View of non-asbestos sprayed fireproofing in the assessed areas (typical).

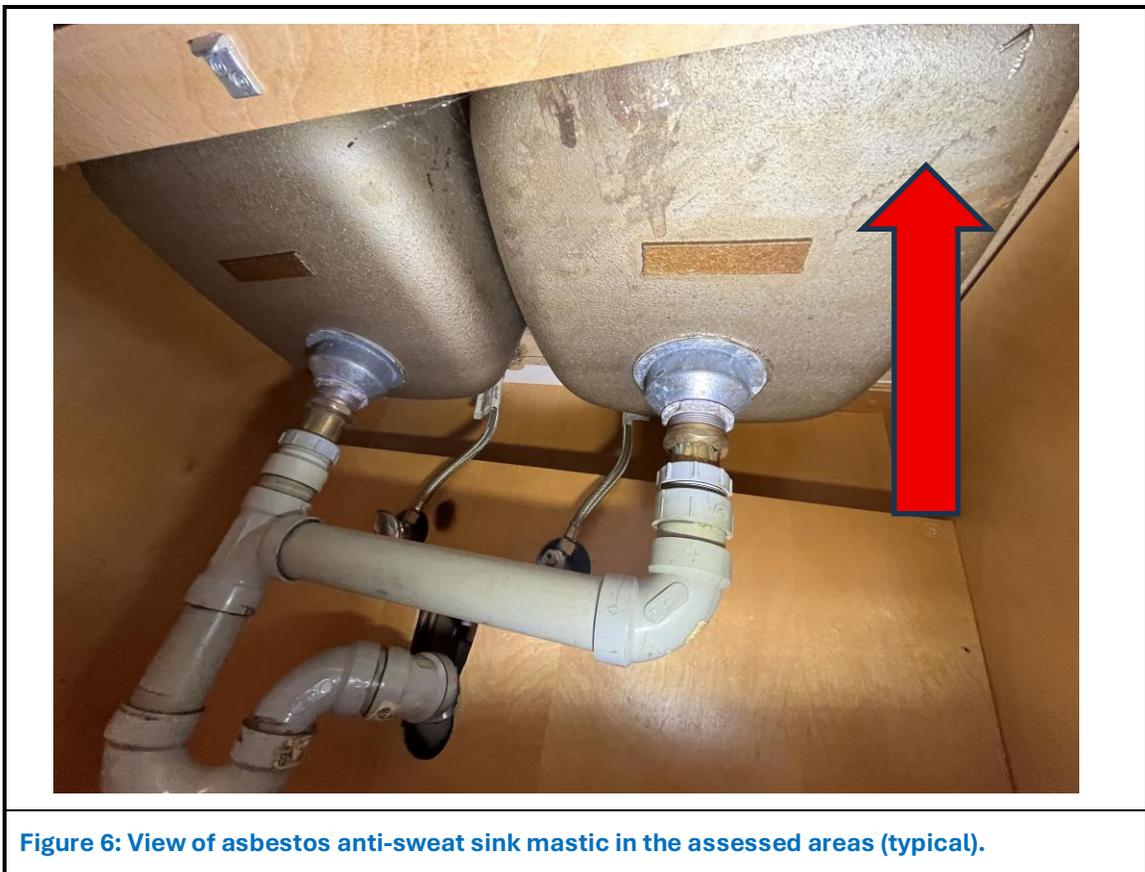
- **Anti-Sweat Sink Mastic:**

Asbestos-containing anti-sweat sink mastic was identified to be present in the assessed areas.

Three (3) bulk samples (Sample Set S-10) of anti-sweat sink mastic were collected and examined to determine the potential presence of asbestos in the material. The laboratory review and analysis of Sample Set S-10 established that the subject material contains **1% Chrysotile asbestos.**

The Cosmetology Room has 1 sink with asbestos anti-sweat mastic and the Culinary Arts Room has 4 sinks with asbestos anti-sweat mastic.

Refer to Figure 6 below to view the asbestos anti-sweat sink mastic in the project areas.



- **Vinyl Baseboard Mastic:**

No asbestos-containing vinyl baseboard mastic was identified to be present in the assessed areas.

Three (3) bulk samples (Sample Set S-06) of vinyl baseboard mastic were collected and examined to determine the potential presence of asbestos in the material. The laboratory review and analysis of Sample Set S-06 established that the subject material does not contain asbestos.

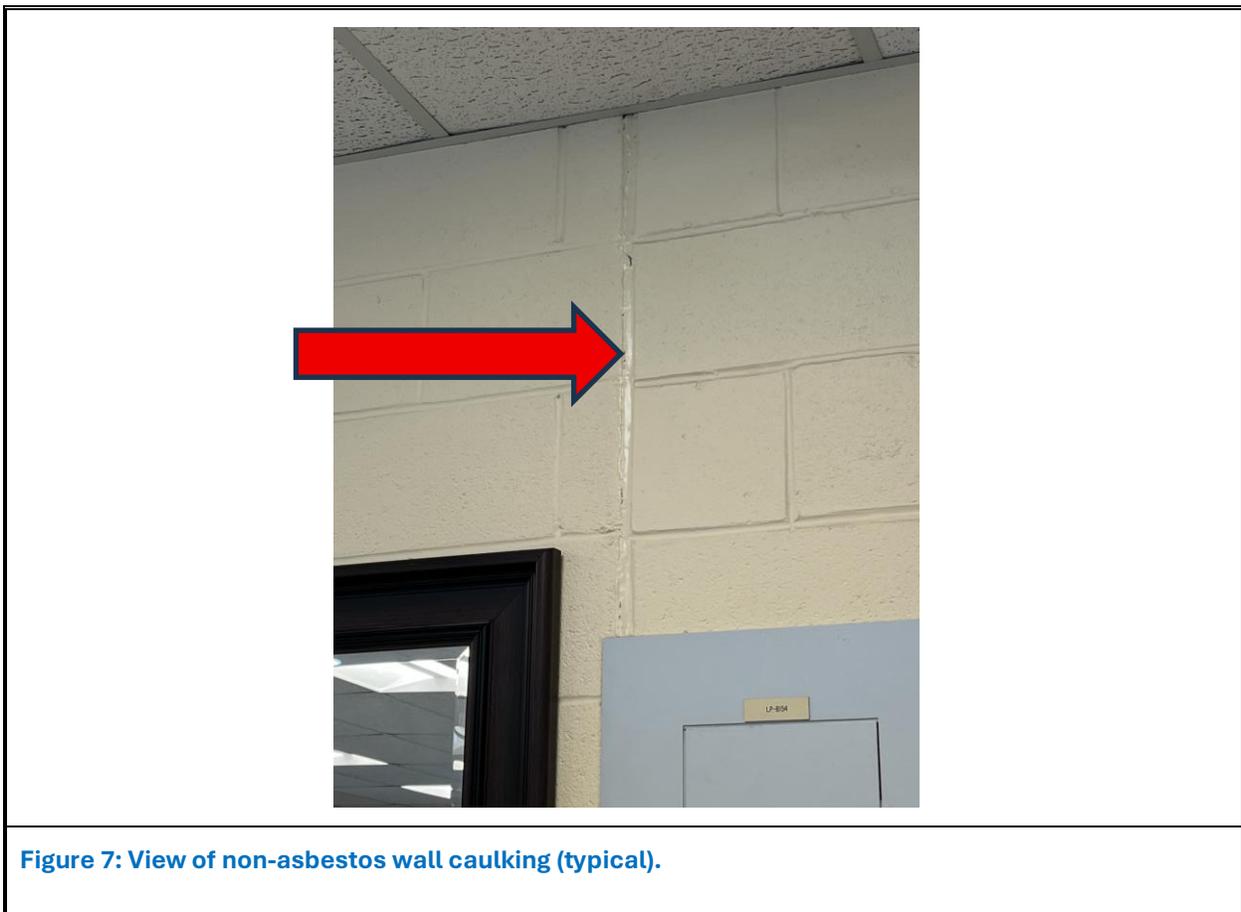
- **Caulking Applications:**

Asbestos and non-asbestos caulking were identified to be present in the project areas. The various types of caulking observed to be present are summarized below. Confirmed asbestos-containing caulking is highlighted.

Wall Caulking:

Wall caulking was observed to be present throughout the assessed areas.

Three (3) bulk samples (Sample Set S-05) of wall caulking were collected and examined to determine the potential presence of asbestos in the material. The laboratory review and analysis of Sample Set S-05 established that the subject material does not contain asbestos.



Door Glazing Putty:

Asbestos-containing black door glazing putty was observed to be applied in-between glass and the doors in the assessed areas.

Three (3) bulk samples (Sample Set S-07) of black door glazing putty were collected and examined to determine the potential presence of asbestos in the material. The laboratory review and analysis of Sample Set S-07 established that the subject material contains **2% Chrysotile asbestos.**



Figure 8: View of asbestos black door glazing putty (typical).

Millwork Caulking:

Caulking was observed to be applied along the perimeter of millwork where it meets with the walls.

Three (3) bulk samples (Sample Set S-08) of millwork caulking were collected and examined to determine the potential presence of asbestos in the material. The laboratory review and analysis of Sample Set S-08 established that the subject material does not contain asbestos.



Figure 9: View of non-asbestos millwork caulking (typical).

Door Frame Caulking:

Door frame caulking was observed to be applied along the perimeter of doors in the assessed areas.

Three (3) bulk samples (Sample Set S-09) of door frame caulking were collected and examined to determine the potential presence of asbestos in the material. The laboratory review and analysis of Sample Set S-09 established that the subject material does not contain asbestos.



Figure 10: View of non-asbestos door frame caulking (typical).

6 Lead

The following is a summary of the suspect lead-containing materials identified within the assessed areas. Only those materials observed within the project area and were sampled are outlined below.

Seven (7) bulk paint samples and one (1) bulk mortar sample were collected to undergo lead analysis. The samples were delivered to EMSL, a third party accredited laboratory, by JD Environmental following the fieldwork.

A summary of the lead analytical results is provided in Table 2 below. Refer to Attachment B to review the copy of the laboratory report prepared and issued by EMSL.

TABLE 2: LEAD BULK SAMPLE RESULTS			
Sample ID	Sample Area	Material Sampled	Result
Pb-01	130B (Wall)	Beige Paint	<0.0064%
Pb-02	130B (Wall)	Light Brown Paint	<0.0064%
Pb-03	130B (Wall)	White Paint	<0.0064%
Pb-04	132 (Wall)	Beige Paint	<0.0064%
Pb-05	Blue Paint (Door Frame)	Blue Paint	<0.0080%
Pb-06	228	Masonry Block Mortar	34 mg/Kg
Pb-07	228 (Wall)	Purple Paint	<0.0085%
Pb-08	228 (Wall)	Grey Paint	<0.0064%

In accordance with EACC Guidelines, lead concentration values that are above 0.1% or 1000 mg/Kg are considered to be “lead-containing”.

Based on the analytical results achieved and the observations made during the fieldwork, no major sources of lead-containing products or materials were identified during the survey.

7 Mercury, Silica, and PCBs

Mercury:

Mercury is present in all fluorescent light tubes although the light fixtures present in the project areas were confirmed to be LED and are therefore not suspected to contain mercury as depicted in Figure 11 below.

The assessed areas were observed to contain electronic thermostats which would not be suspect to contain mercury as depicted in Figure 12 below.

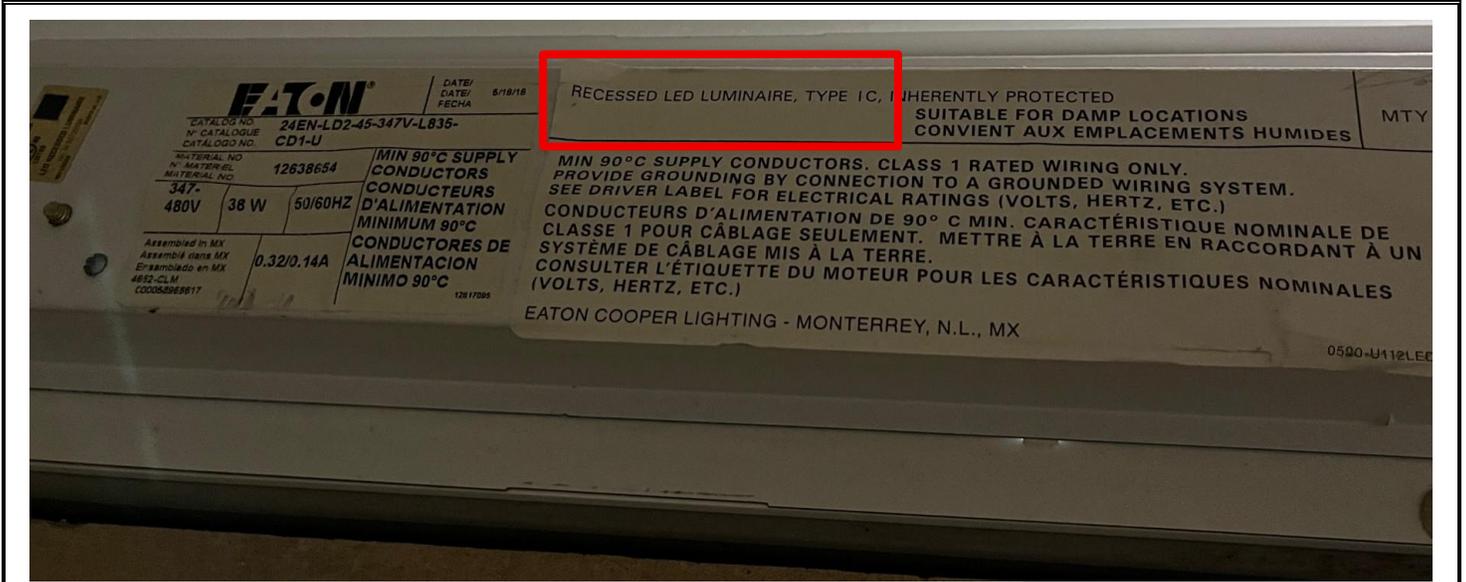


Figure 11: View of backside of LED light fixture.



Figure 12: View of electronic thermostat.

Silica:

Silica is known to be present in all concrete, cement, tile, brick, masonry, mortar, etc.

Polychlorinated Biphenyls (PCBs)

No major sources of PCBs were observed to be present within the assessed areas.

8 Mould & Water Damage

No obvious visible mould growth was observed to be present in the assessed areas at the time of the survey.

Several stained acoustic ceiling tiles were observed to be present in the Cosmetology Room and the Culinary Arts Room.

Water staining was observed to be present on the bottom board below the sink in the Cosmetology Room and the Culinary Arts Room as depicted in Figures 13 and 14 below.



Figure 13: View of staining below sink in Cosmetology Room.

Figure 14: View of staining below sink in Culinary Arts Room.

It is possible that concealed mould growth is present that was not currently reviewed. JD Environmental should be notified in the event that any water damage or suspect mould growth be discovered during construction activities.

9 Recommendations

Asbestos:

Based on our review of the building and the laboratory results achieved, asbestos-containing materials were identified to be present in the surveyed areas in the form of:

- *Black door glazing putty*
- *Anti-sweat sink mastic*

The removal of asbestos-containing materials above requires the use of Type 1 Asbestos Procedures in accordance with Ontario Regulation 278/05. Type 1 procedures do not allow the use of power tools.

JD Environmental did not have access behind corkboard and whiteboards at the time of the assessment. It is possible the suspect asbestos-containing mastic is present that was not identified/accessible during the assessment. As a result, **it is recommended that once the corkboards and whiteboards are removed from the project area walls, the General Contractor should contact JD Environmental to return to the site and collect bulk samples for the determination of asbestos content** (if mastic adhesive is present). Refer to Figures 15 to 17 below for representative views of corkboards and whiteboards scheduled to be removed that may contain suspect asbestos mastic behind.

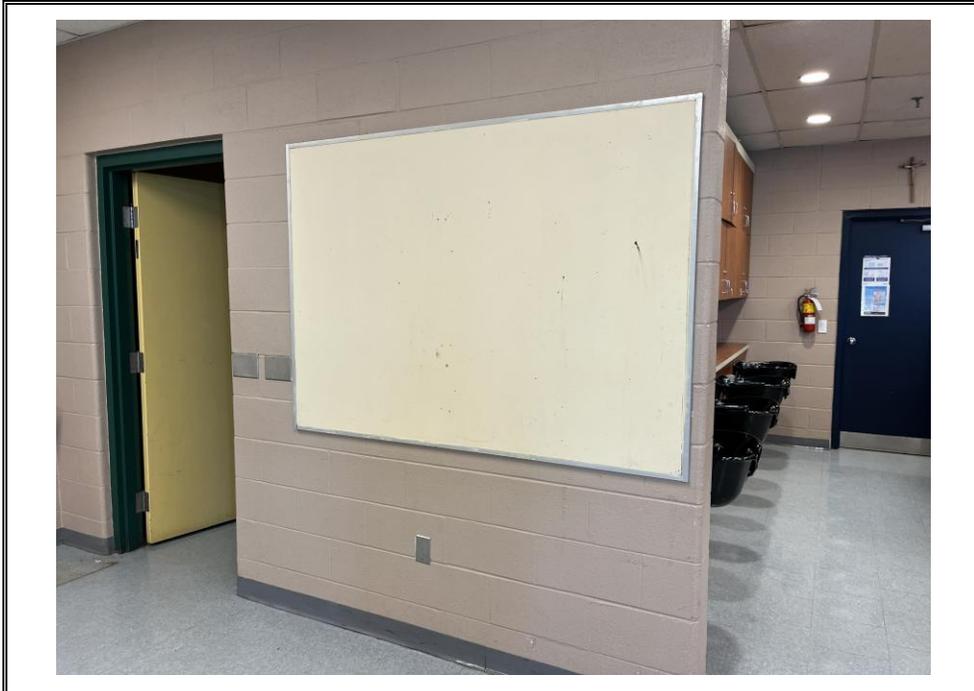


Figure 15: View of corkboard in the Cosmetology Room with possible ACM mastic behind.

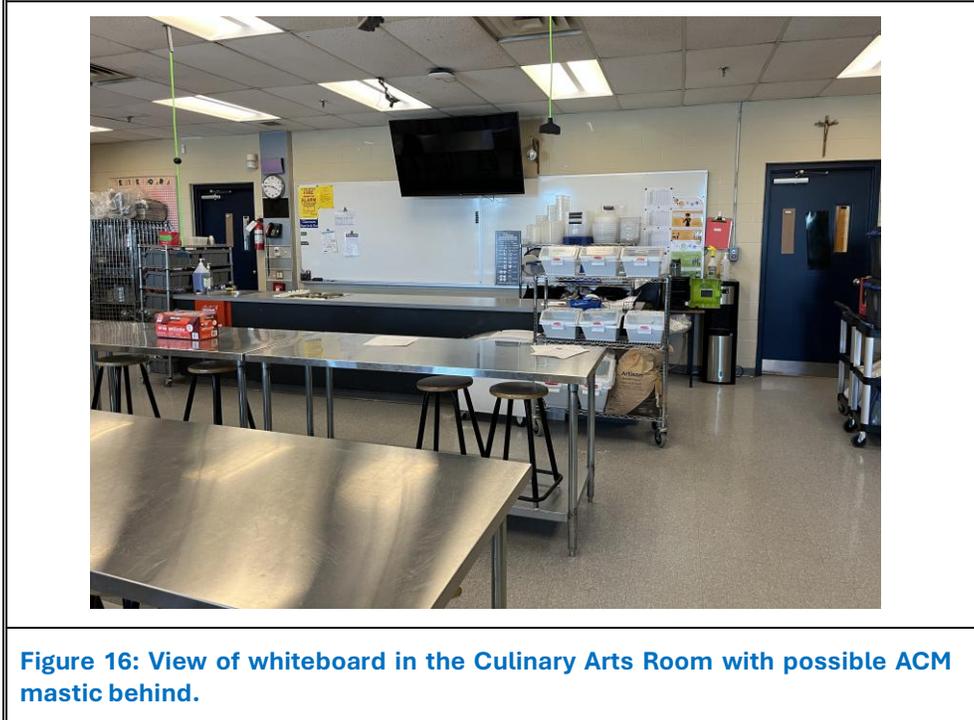


Figure 16: View of whiteboard in the Culinary Arts Room with possible ACM mastic behind.



Figure 17: View of whiteboards and chalkboard in Room 228 with possible ACM mastic behind.

Lead:

Based on our review of the project areas and the laboratory results achieved, no lead-containing paints or mortar were identified in the assessed areas.

Workers should utilize general construction health and safety practices if disturbing “low-level lead” materials which in general include the following:

- Keep dust to a minimum by implementing adequate dust suppression techniques in the Work Area to reduce the release of airborne particulates.
- Install a wash station for workers to use following the completion of work.
- Avoid the use of power tools, heat applications, and “aggressive means” of demolition.

Silica:

The disturbance of materials containing silica should be conducted in accordance with Ontario Ministry of Labour Guideline- Silica on Construction Projects, 2004. The following general engineering controls should be considered.

- *Implement dust suppression techniques when performing any cutting, grinding, drilling, or other demolition activities.*
- *Don appropriate respirators and protective clothing (i.e. Tyvek suits).*
- *Provide a wash station to workers on-site.*
- *Avoid the use of compressed air or dry sweeping.*
- *Isolate Work Area from the public or occupied areas by means of physical barriers as required.*

Mould:

The removal of stained acoustic ceiling tiles and the bottom board below sink (outlined above) requires the use of EACC Level 1 Mould Remediation Procedures.

Level 1 procedures are permitted to be performed by building maintenance or a General Contractor.

In the event that mould amplification sites greater than 10 square feet be discovered during the interior renovation/repairs, the contractor should consider notifying JD Environmental in order to assess and document site conditions accordingly.

10 Limitations

This report has been prepared for the sole use of the Client. Any use which a third party makes of the report, or reliance on, or decisions to be based on it, is the responsibility of such third parties.

JD Environmental Consulting has not evaluated health risks associated with building occupant exposure to hazardous materials (i.e. designated substances, mould, etc.) which may be identified in this report. Evaluation of health risks on an individual should only be made by a licensed medical practitioner who has knowledge of the individual's medical history.

The information and recommendations detailed in this report were carried out by a trained professional following industry accepted work practices and procedures. Recommendations provided in this report have been generated in accordance with accepted industry regulations, guidelines and practices. These regulations, guidelines and practices are considered acceptable as of the date of this report.

In preparing this report, JD Environmental relied on information supplied by Others, including independent testing laboratories (where applicable). The assessment and recommendations in this report have been made based on conditions observed at the time of the assessment and are limited to the areas investigated. Unidentified materials or designated substances may be present in the areas assessed due to concealed or subsurface conditions.

The material in this report reflects JD Environmental's best judgment in light of the information available at the time of the investigation.

JD Environmental accepts no responsibility for damages suffered by any third party as a result of decisions made or actions conducted. No other warranties are implied or expressed.

Regards,



Jason De Sousa
Director of Operations
JD Environmental Consulting Inc.

**Attachment A:
Laboratory Analytical Report for
Asbestos Bulk Samples**

Laboratory Analysis Report

To:

Jason De Sousa
 JD Environmental Consulting Inc.
 3279 Sharp Road
 Burlington, Ontario
 L7M 0J5

EMC LAB REPORT NUMBER: A131288
Job/Project Name: Notre Dame, Burlington
Analysis Method: Polarized Light Microscopy – EPA 600
Date Received: Feb 27/26 **Date Analyzed:** Mar 3/26
Analyst: Fabio Anunciacao
Reviewed By: Malgorzata Sybydlo

No. of Phases Analyzed: 40
Job No: 213
Number of Samples: 32
Date Reported: Mar 3/26

Client's Sample ID	Lab Sample No.	Description/Location	Sample Appearance	SAMPLE COMPONENTS (%)		
				Asbestos Fibres	Non-asbestos Fibres	Non-fibrous Material
S-01A	A131288-1	Masonry block mortar / primer – 130B	2 Phases: a) White, primer b) Grey, cementitious material	ND ND		100 100
S-01B	A131288-2	Masonry block mortar / primer – 130B	2 Phases: a) White, primer b) Grey, cementitious material	ND ND		100 100
S-01C	A131288-3	Masonry block mortar / primer – 132	2 Phases: a) White, primer b) Grey, cementitious material	ND ND		100 100
S-01D	A131288-4	Masonry block mortar / primer – 132	2 Phases: a) White, primer b) Grey, cementitious material	ND ND		100 100
S-01E	A131288-5	Masonry block mortar / primer – 228	2 Phases: a) White, primer b) Grey, cementitious material	ND ND		100 100
S-02A	A131288-6	AT-01 – 130B	Grey, ceiling tile	ND	75	25
S-02B	A131288-7	AT-01 – 132	Grey, ceiling tile	ND	75	25
S-02C	A131288-8	AT-01 – 228	Grey, ceiling tile	ND	75	25
S-03A	A131288-9	VFT-01 – 130B	2 Phases: a) Grey, vinyl floor tile b) Black, mastic	ND ND		100 100
S-03B	A131288-10	VFT-01 – 130B	2 Phases: a) Grey, vinyl floor tile	ND		100

EMC LAB REPORT NUMBER: A131288

Client's Job/Project Name/No.: 213

Analyst: Fabio Anunciacao

Client's Sample ID	Lab Sample No.	Description/Location	Sample Appearance	SAMPLE COMPONENTS (%)		
				Asbestos Fibres	Non-asbestos Fibres	Non-fibrous Material
			b) Black, mastic	ND		100
S-03C	A131288-11	VFT-01 – 132	2 Phases: a) Grey, vinyl floor tile b) Black, mastic	ND ND		100 100
S-04A	A131288-12	SFP – 130B	White, fibrous material	ND	90	10
S-04B	A131288-13	SFP – 132	White, fibrous material	ND	90	10
S-04C	A131288-14	SFP – 132	White, fibrous material	ND	90	10
S-05A	A131288-15	Wall caulking – 130B	White, caulking	ND		100
S-05B	A131288-16	Wall caulking – 132	White, caulking	ND		100
S-05C	A131288-17	Wall caulking – 228	White, caulking	ND		100
S-06A	A131288-18	Vinyl baseboard caulking – 130B	Beige, mastic	ND		100
S-06B	A131288-19	Vinyl baseboard caulking – 132	Beige, mastic	ND		100
S-06C	A131288-20	Vinyl baseboard caulking – 228	Beige, mastic	ND		100
S-07A	A131288-21	Door glass putty – 130B	Black, caulking	Chrysotile	2	98
S-07B	A131288-22	Door glass putty – 132	Black, caulking	Chrysotile	2	98
S-07C	A131288-23	Door glass putty – 228	Black, caulking	Chrysotile	2	98
S-08A	A131288-24	Millwork caulking – 130B	White, caulking	ND		100

EMC LAB REPORT NUMBER: A131288

Client's Job/Project Name/No.: 213

Analyst: Fabio Anunciacao

Client's Sample ID	Lab Sample No.	Description/Location	Sample Appearance	SAMPLE COMPONENTS (%)		
				Asbestos Fibres	Non-asbestos Fibres	Non-fibrous Material
S-08B	A131288-25	Millwork caulking – 132	White, caulking	ND		100
S-08C	A131288-26	Millwork caulking – 132	White, caulking	ND		100
S-09A	A131288-27	Door frame caulking – 130B	Grey, caulking	ND		100
S-09B	A131288-28	Door frame caulking – 132	Grey, caulking	ND		100
S-09C	A131288-29	Door frame caulking – 228	Grey, caulking	ND		100
S-10A	A131288-30	Anti-sweat sink mastic – 130B	Black and gold, mastic	Chrysotile	1	99
S-10B	A131288-31	Anti-sweat sink mastic – 132	Black and gold, mastic	Chrysotile	1	99
S-10C	A131288-32	Anti-sweat sink mastic – 132	Black and gold, mastic	Chrysotile	1	99

Note:

1. Bulk samples are analyzed using Polarized Light Microscopy (PLM) and dispersion staining techniques. The analytical procedures are in accordance with EPA 600/R-93/116 method.
2. The results are only related to the samples analyzed. **ND** = None Detected (no asbestos fibres were observed), **NA** = Not Analyzed (analysis stopped due to a previous positive result).
3. This report may not be reproduced, except in full without the written approval of EMC Scientific Inc. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. Government.
4. The Ontario Regulatory Threshold for asbestos is 0.5%. The limit of quantification (LOQ) is 0.5%.
5. Vinyl floor tiles may contain very fine asbestos fibres which the PLM method cannot detect. TEM analysis may be necessary to confirm the absence of asbestos.

**Attachment B:
Laboratory Analytical Report for Lead
Bulk Samples**



EMSL Canada Inc.

2756 Slough Street, Mississauga, ON L4T 1G3

Phone/Fax: (289) 997-4602 / (289) 997-4607

<http://www.EMSL.com>

torontolab@emsl.com

EMSL Canada Or 552603862
CustomerID: 55JDEC23
CustomerPO:
ProjectID:

Attn: **Jason De Sousa**
JD Environmental Consulting Inc.
3279 Sharp Road
Burlington, ON L7M 0J5

Phone: (905) 220-1093
Fax:
Received: 2/27/2026 09:57 AM
Collected: 2/26/2026

Project: 213 - Notre Dame, Burlington

Test Report: Lead in Paint Chips by Flame AAS (SW 846 3050B/7000B)*

<i>Client SampleDescription</i>	<i>Collected</i>	<i>Analyzed</i>	<i>Weight</i>	<i>RDL</i>	<i>Lead Concentration</i>
Pb-01 552603862-0001	2/26/2026 Site: Beige Paint - 130B	2/27/2026	0.2550 g	0.0064 % wt	<0.0064 % wt
Pb-02 552603862-0002	2/26/2026 Site: L. Brown Paint - 130B	2/27/2026	0.2540 g	0.0064 % wt	<0.0064 % wt
Pb-03 552603862-0003	2/26/2026 Site: White Paint - 130B	2/27/2026	0.2505 g	0.0064 % wt	<0.0064 % wt
Pb-04 552603862-0004	2/26/2026 Site: Beige Paint - 132	2/27/2026	0.2593 g	0.0064 % wt	<0.0064 % wt
Pb-05 552603862-0005	2/26/2026 Site: Blue Paint - 132	2/27/2026	0.2002 g	0.0080 % wt	<0.0080 % wt
Pb-07 552603862-0007	2/26/2026 Site: Purple Paint - 228	2/27/2026	0.1892 g	0.0085 % wt	<0.0085 % wt
Pb-08 552603862-0008	2/26/2026 Site: Grey Paint - 228	2/27/2026	0.2578 g	0.0064 % wt	<0.0064 % wt

Rowena Fanto, Lead Supervisor
or other approved signatory

EMSL maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. The report reflects the samples as received. Results are generated from the field sampling data (sampling volumes and areas, locations, etc.) provided by the client on the Chain of Custody. Samples are within quality control criteria and met method specifications unless otherwise noted. * Analysis following Lead in Paint by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 0.0064% wt based on the minimum sample weight per our SOP. "<" (less than) result signifies the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. Definitions of modifications are available upon request.

Samples analyzed by EMSL Canada Inc. Mississauga, ON AIHA LAP, LLC-ELLAP Accredited #196142

Initial report from 03/03/2026 12:14:44



EMSL Canada Inc.

2756 Slough Street, Mississauga, ON L4T 1G3
Phone/Fax: (289) 997-4602 / (289) 997-4607
<http://www.EMSL.com> torontolab@emsl.com

EMSL Canada Or 552603862
CustomerID: 55JDEC23
CustomerPO:
ProjectID:

Attn: **Jason De Sousa**
JD Environmental Consulting Inc.
3279 Sharp Road
Burlington, ON L7M 0J5

Phone: (905) 220-1093
Fax:
Received: 2/27/2026 09:57 AM
Collected: 2/26/2026

Project: 213 - Notre Dame, Burlington

Test Report: Lead by Flame AAS (SW 846 3050B/7000B)*

<i>Client SampleDescription</i>	<i>Collected</i>	<i>Analyzed</i>	<i>Weight (g)</i>	<i>RDL</i>	<i>Lead Concentration</i>
Pb-06 552603862-0006	2/26/2026	2/27/2026	0.5065 g	32 mg/Kg	34 mg/Kg
Site: Masonry Block Mortar - 228					

Rowena Fanto, Lead Supervisor
or other approved signatory

EMSL maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. The report reflects the samples as received. Results are generated from the field sampling data (sampling volumes and areas, locations, etc.) provided by the client on the Chain of Custody. Samples are within quality control criteria and met method specifications unless otherwise noted.
* Analysis following Lead in Soil/Solids by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 40 mg/kg based on the minimum sample weight per our SOP. Unless noted, results in this report are not blank corrected. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. Definitions of modifications are available upon request.
Samples analyzed by EMSL Canada Inc. Mississauga, ON

Initial report from 03/03/2026 12:14:44

Part 1 General

- .1 Refer to the 'Project Specific Designated Substance Survey Report' prepared by others bound within specifications for convenience only.
- .2 Refer to 'Section 02 82 10 Type 1 Asbestos Abatement' specification.
- .3 The abatement sub-trade is to be selected and carried by the General Contractor from the following list for this project:

Caliber Environmental Construction Services Inc.

636 Edward Ave, Richmond Hill, ON L4C 0V4
905 884-5500
Contact: Jimmy Ball (416) 997-6890
jball@caliberenv.com

McGowan Insulations Ltd.

345 Barton St Stoney Creek, Ontario L8E 2L2
905 549-1844
Contact: Dan Foley (905) 981-8053
dfoley@mcgowan.on.ca

- .4 The specification sections related to Asbestos Survey and Abatement forms part of the Contract Documents but contains information that is not prepared by the Architect or their sub consultants. The referenced asbestos reports and asbestos abatement specifications were not prepared by or under the supervision of the Architect. While every effort has been made to attempt to provide comprehensive abatement testing information for the purposes of design and tendering, the Architect claims no responsibility or liability for the accuracy of the information contained in the report.
- .5 Refer also to Division 1 and coordinate with this Section.

Part 2 Products

2.1

1. Refer to documents noted above.

Part 3 Execution

- .1 Inspection and Testing will be paid for under Cash Allowances.

END OF SECTION

1. GENERAL

1.1 General And Related Work

1.1.1 It is the intention that work performed following the procedures outlined this section will result in the abatement and disposal or decontamination of all asbestos-containing materials or materials contaminated by asbestos during the specified work.

1.1.2 All work outlined in this section is to be performed in accordance with Ontario Regulation 278/05.

1.1.3 This specification section should be read in conjunction with the “Project Specific Designated Substance Survey Report” prepared by JD Environmental Consulting Inc. (dated March 4, 2026).

1.2 Overall Project Scope of Work

1.2.1 The scope of the renovation involves a Cosmetology and Culinary Arts Interior Renovation in accordance with the drawings prepared by Hossak Architecture on behalf of the Halton Catholic District School Board (HCDSB).

1.3 Site Conditions

1.3.1 Anti-sweat sink mastic contains 1% Chrysotile asbestos.

1.3.2 Door glazing putty contains 2% Chrysotile asbestos.

1.3.3 The following building materials within the project areas were sampled and confirmed NOT to contain asbestos:

1.3.3.1 Vinyl baseboard mastic.

1.3.3.2 Wall Caulking.

1.3.3.3 Millwork Caulking.

1.3.3.4 Door Frame Caulking.

1.3.3.5 Masonry block mortar and primer.

1.3.3.6 Sprayed fireproofing.

1.3.3.7 Vinyl floor tiles and associated black mastic.

1.3.3.8 Acoustic ceiling tiles.

1.3.4 No known sources of lead-containing materials (mortars and/or paints) are present in the project areas.

1.3.5 Walls in the project area consist of masonry block.

1.4 Outline of Work for Asbestos Abatement

1.4.1 Using Type 1 asbestos procedures remove and dispose of the following from the Cosmetology Room:

1.4.1.1 **1 door assembly set (Main Door)** common the Corridor as depicted in Figure 1 below.

1.4.1.1.1 Include the removal of the door assembly components in their entirety including but not limited to: asbestos-containing black door glazing putty, non-ACM perimeter frame caulking, metal framing, doors, glass panes, etc.

1.4.1.2 **2 doors only** as depicted in Figure 2 below.

1.4.1.3 **1 door only** common with the Corridor as depicted in Figure 4 below.

1.4.1.3.1 The abatement contractor is NOT responsible to remove the door frames shown in Figure 2 and Figure 4 as the door frame caulking does not contain asbestos.

1.4.2 Using Type 1 asbestos procedures remove and dispose of a total of 5 sinks containing asbestos anti-sweat mastic as depicted in Figure 3 below.

1.4.2.1 The Cosmetology Room has 1 sink with asbestos anti-sweat mastic, and the Culinary Arts Room has 4 sinks with asbestos anti-sweat mastic.

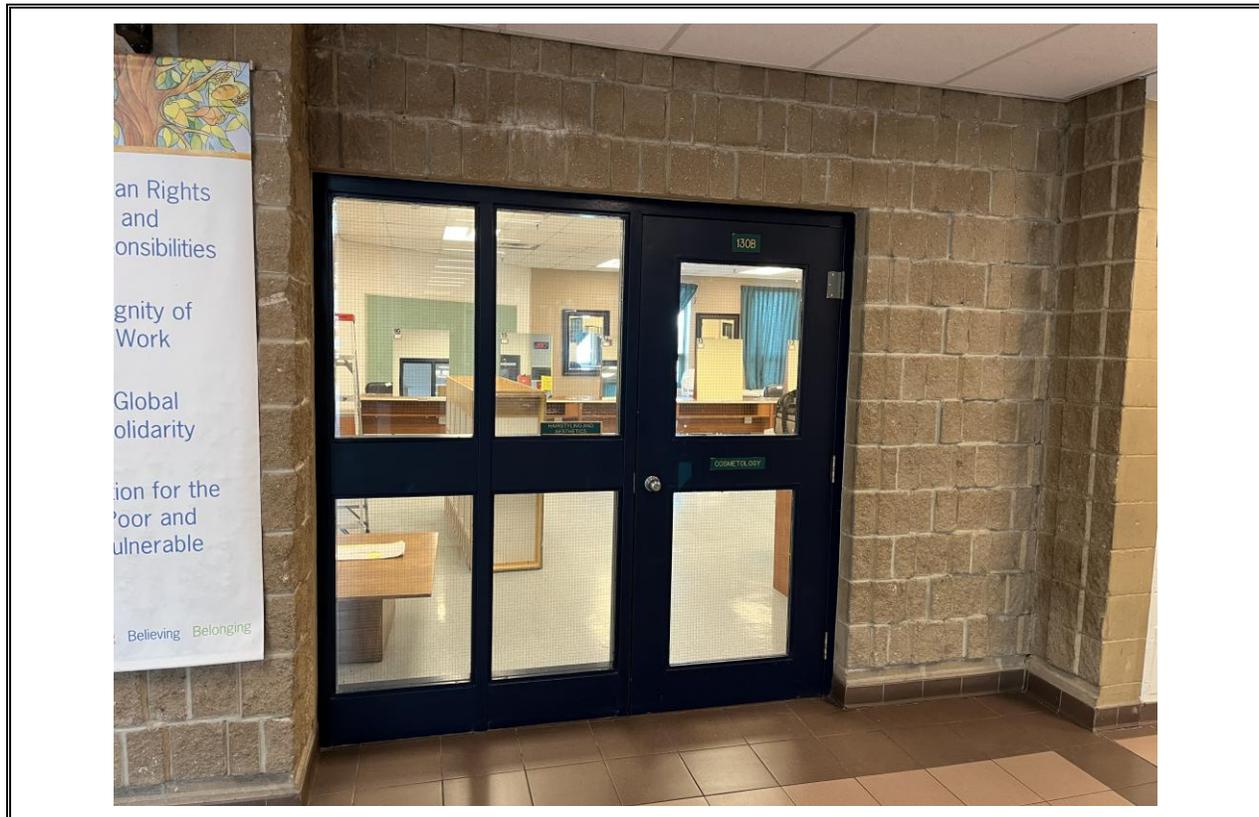


Figure 1: View of asbestos black door glazing putty (typical) associated with main door of the Cosmetology Room.

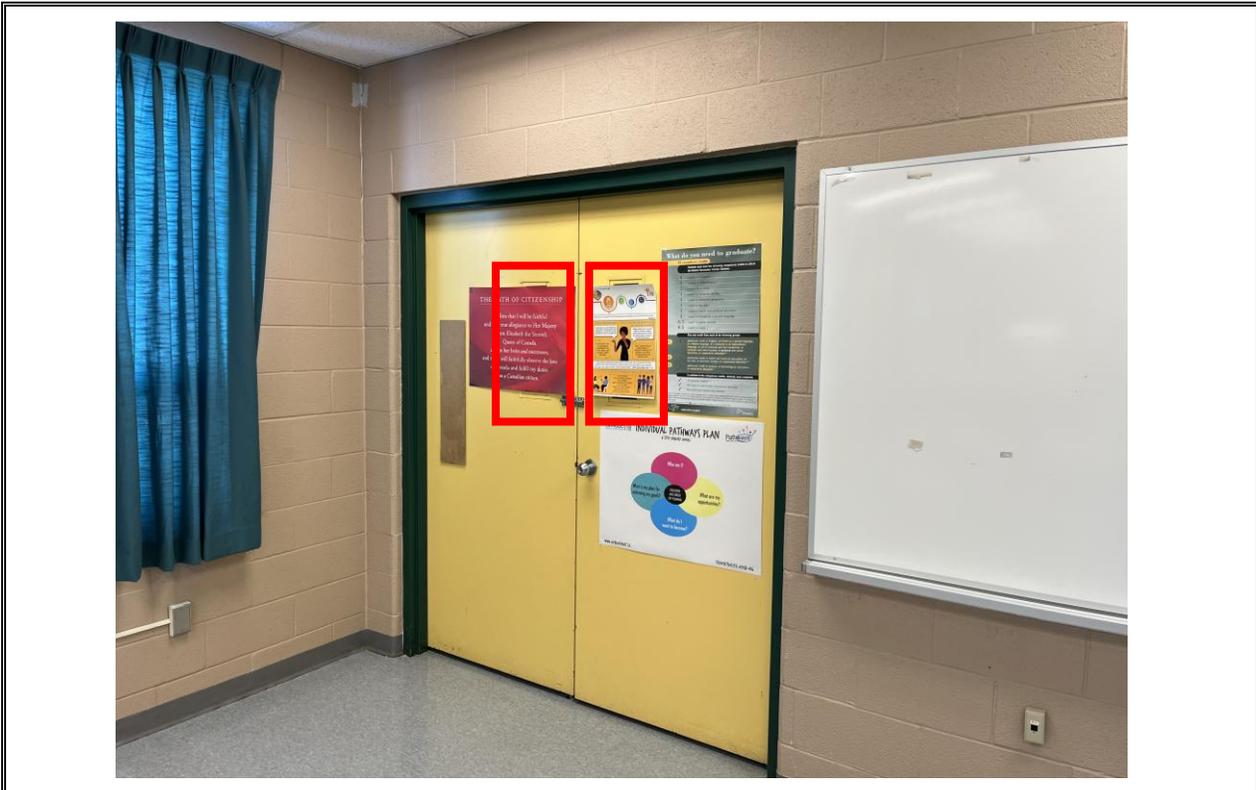


Figure 2: View of asbestos black door glazing putty (typical) on double doors in the Cosmetology Room. Abatement Contractor is only responsible to remove the 2 doors (i.e. no framing).



Figure 3: View of asbestos anti-sweat sink mastic in the assessed areas (typical).



Figure 4: View of asbestos black door glazing putty (typical) on single door in the Cosmetology Room. Abatement Contractor is only responsible for removing the door (i.e. no framing).

- 1.4.3 Removal of asbestos-containing materials outlined in this section is to be performed without the use of power tools.
- 1.4.4 Install a rip proof polyethylene drop sheet below the Asbestos Work Areas.
- 1.4.5 Post asbestos warning signage and caution tape at entrance to the Work Area.
- 1.4.6 Abatement contractor to make every effort to minimize/avoid damages to surrounding finishes during work.
- 1.4.7 Abatement contractor is responsible to make good any damages caused during abatement work.
- 1.4.8 Abatement contractor to wrap doors and sinks with rip proof polyethylene and tape prior to disposal.
- 1.4.9 Dispose of as asbestos waste, all materials removed by work of this project, unless specified otherwise. Segregation of asbestos versus non-asbestos materials is permitted if the contractor chooses.
- 1.4.10 The General Contractor is responsible to disconnect all plumbing components associated with the sinks scheduled to be removed.**

1.5 **Schedule**

1.5.1 Project schedule to be coordinated in conjunction with the Owner and the General Contractor.

1.6 **Quality Assurance & Supervision**

1.6.1 Provide instruction and training to all workers including the following:

1.6.1.1 Hazards of asbestos exposure.

1.6.1.2 The use and care of personal protection equipment required during abatement work including but not limited to:

1.6.1.2.1 Equipment limitations.

1.6.1.2.2 Inspection, care, proper fit of respirators and maintenance of equipment.

1.6.2 Personal hygiene procedures required when performing the work.

1.6.3 Instruction and training must be provided by a competent/qualified individual.

1.6.4 The onsite supervisor must have the appropriate authority to direct all aspects of the abatement work including but not limited to, health and safety policies and procedures, abatement methods, labour scheduling, equipment inventory requirements.

1.6.5 The onsite supervisor must be present during any work that may disturb an asbestos containing material. One supervisor is required for every ten (10) workers.

1.6.6 Should a replacement supervisor be necessary, advance notice is required.

1.6.7 Additional work incurred due to contamination shall be charged to the contractor and at no cost to the Owner or the Abatement Consultant.

1.7 **Definitions**

1.7.1 Asbestos: means any of the fibrous silicates including Actinolite, Amosite, Anthophyllite, Chrysotile, Crocidolite and Tremolite.

1.7.2 Abatement Consultant: Owner's or the Owners Agent chosen professional in charge of providing inspection and air monitoring services during abatement work.

1.7.3 Asbestos Abatement Contractor: Contractor or sub-contractor executing the abatement procedures of this specification.

1.7.4 Asbestos-Containing Material(s): Building materials identified to contain asbestos as previously defined including but not limited to bulk building materials, dust and/or debris.

- 1.7.5 Asbestos Work Area: The defined area where abatement or disturbance of asbestos containing materials.
- 1.7.6 Competent Worker: is qualified because of knowledge, training and experience to perform the required work that is familiar with Ontario Regulation 278/05, the provisions of the regulations that apply to the required work and has knowledge of all potential or actual danger to health or safety related to the work.
- 1.7.7 Friable Material: a material, that when dry, can be crumbled, pulverized or powdered by hand pressure or is crumbled, pulverized or powdered by the nature of its state.
- 1.7.8 HEPA Filter: The acronym refers to high efficiency particulate air filter (HEPA) that is at least 99.97 per cent efficient in collecting a 0.3 micrometre particulate or aerosol.
- 1.7.9 PCM: The acronym referring to the optical microscopy technique used to analyse air samples collected to determine airborne fibre concentrations.
- 1.7.10 Polyethylene: is polyethylene sheeting or rip-proof polyethylene sheeting used to provide a uninterrupted non-porous covering to shield substrate materials or Occupied Areas from damage and/or contamination by Asbestos.
- 1.7.11 Occupied Area: areas of the building not included in the specified Asbestos Work Area.
- 1.7.12 Personnel: All contractors, sub-contractors, supervisors and employees providing services related to the work of this specification.
- 1.7.13 Remove: refers to the removal and disposal of asbestos-containing materials according to Regulation 278.05 as amended.
- 1.7.14 TEM: The acronym refers to microscopy technique in which a beam of electrons is transmitted through an ultra-thin specimen, interacting with the specimen as it passes through creating a detailed image of the materials electron configuration.

1.8 Regulations

- 1.8.1 The contractor must abide by all federal, provincial, and client specific requirements. Should a conflict arise as to the proper procedure to be followed than the more stringent requirement will take precedence.
- 1.8.2 Work shall be performed according to the appropriate regulations including but not limited to:

- 1.8.2.1 Ministry of Labour, Training and Skills Development Occupational Health and Safety Act Regulations for Construction Projects including Revised Statutes of Ontario 1990, Chapter 0.1 and
- 1.8.2.2 Ministry of Labour, Training and Skills Development Ontario Regulation 278/05 as amended.
- 1.8.2.3 Ministry of Transportation Regulations for shipping asbestos waste.
- 1.8.2.4 Transportation of Dangerous Goods Act for shipping asbestos waste.
- 1.8.2.5 Ministry of the Environment, Conservation and Parks Regulations for the disposal of asbestos waste, including R.R.O. 1990, Reg. 347 as amended.

1.9 Notification

- 1.9.1 Notify licensed landfill site as per Ontario Regulation 347.
- 1.9.2 Inform all project stakeholders, contractors, etc. of the presence of asbestos-containing materials known to be present on site.

1.10 Submittals

- 1.10.1 Submit prior to starting work:
 - 1.10.1.1 Submit, in writing, confirmation of good standing with Workplace Safety and Insurance Board (WSIB) Clearance certificates:
 - 1.10.2 Submit the following information regarding personnel prior to starting work:
 - 1.10.2.1 The planned on-site supervisory CV's.
 - 1.10.2.2 Ministry of Training, Colleges and Universities course 253S certificates.
 - 1.10.2.3 Proof of training on the hazards of asbestos, respirator use/maintenance, use of personal protection equipment, decontamination procedures and abatement work procedures for each worker.
 - 1.10.2.4 Fit test certificates for each worker for the appropriate respirator for the abatement work being completed as outlined in Table 2 of Ontario Regulation 278/05.
 - 1.10.3 Submit the following prior to isolating the work area:
 - 1.10.3.1 Official statement indicating all Ground Fault Interrupter Panels have been inspected and approved by the Electrical Safety Authority.
 - 1.10.3.2 MSDS information for all chemicals or materials to be used as part of the abatement.
 - 1.10.4 Submit the following upon completion of the work.
 - 1.10.4.1 Manifests, waybills, bills of lading for asbestos waste.

1.11 **Personal Protective Equipment (PPE)**

- 1.11.1 Provide non-powered half-face respirators with P100 high efficiency (HEPA) filters if requested by a worker.
- 1.11.2 Authorized visitors must be provided with appropriate training, personal protection equipment and approved respirators for entrance into the Asbestos Work Area.
- 1.11.3 Have replacement filters provided to the worker as required.
- 1.11.4 Respirators shall:
 - 1.11.4.1 Be certified by the National Institute of Occupational Safety and Health (NIOSH).
 - 1.11.4.2 Fit so there is an effective seal between the respirator and the worker's face.
 - 1.11.4.3 Facial hair interferes with the seal between the respirator and the face.
 - 1.11.4.4 Workers must be clean shaven in areas where the respirator meets the face.
 - 1.11.4.5 Be assigned exclusively to each worker.
 - 1.11.4.6 Be cared for, maintained and stored in a locations according to the manufacturer's instructions and/or specifications.
 - 1.11.4.7 Be repaired according to manufacturer's instructions as required.
- 1.11.5 Workers must have qualitative or quantitative fit-testing completed for the respirator being used in the Asbestos Work Area.
 - 1.11.5.1 Fit test procedures must be completed by a competent individual as defined by the Occupational Health and Safety Act.
- 1.11.6 Personnel protective clothing provided must:
 - 1.11.6.1 Be composed of a material that does not easily retain or allow penetration of asbestos fibres through the material.
 - 1.11.6.2 Include a hood and full body covering that fits securely at the neck, wrists and ankles.
 - 1.11.6.3 Be replaced or repaired if torn or ripped.
- 1.11.7 Decontaminate all personal protective clothing using a HEPA Vacuum or by wet wiping before exiting the Asbestos Work Area:
 - 1.11.7.1 Dispose of contaminated personal protective clothing as an asbestos-containing material.
- 1.11.8 Smoking, eating, drinking and chewing in the Asbestos Work Area is strictly prohibited.

1.11.9 Personal protection equipment including but not limited to hard hats, safety shoes as required by applicable construction safety regulations are mandatory.

2. PRODUCTS AND FACILITIES

2.1 Materials and Equipment

2.1.1 All materials and equipment brought to work site must be in good condition and free of asbestos or similar fibrous materials.

2.1.2 Airless Sprayer: Powered pressure washer that allows wetting agent to mix with water, uses no forced or compressed air, and has a nozzle to regulate power and pressure.

2.1.3 Amended Water: Water with wetting agent added for purpose of reducing surface tension to allow thorough wetting of ACM.

2.1.4 Asbestos Waste Container: An impermeable container acceptable to the designated landfill site and Ministry of the Environment, Conservation and Parks. The container may be comprised of one of the following:

2.1.4.1 A 6 mil (0.15 mm) labelled yellow sealed polyethylene bag, inside a second clear 6 mil (0.15 mm) sealed polyethylene bag.

2.1.4.2 A 6 mil (0.15 mm) sealed polyethylene bag, positioned inside or outside a rigid sealed container of sufficient strength to prevent perforation of the container during filling, transportation and disposal.

2.1.4.3 Label containers with both official languages as required by the Ontario Ministry of the Environment, Conservation and Parks Regulation 347 as amended and Regulation 278/05.

2.1.5 Ground Fault Panel: Electrical panel is defined as follows:

2.1.5.1 The panel and all components must be CSA approved and inspected and passed by the Electrical Safety Authority.

2.1.5.2 The panel shall include a main power switch for total disconnect, ground fault interrupter display lights, a test switch to ensure panel is operating correctly and a reset switch.

2.1.6 HEPA Vacuum: refers to high efficiency particulate air filter (HEPA) equipped vacuum that is at least 99.97 per cent efficient in collecting a 0.3 micrometre particulate.

2.1.7 Hose: All hoses used must be leak-proof, abrasion resistant capable of withstanding typical wear and tear for the work being performed and be capable and designed to effectively transport hot water.

- 2.1.8 OSB: The acronym refers to Oriented Strand Board, or also referred to as sterling board.
- 2.1.9 Polyethylene Sheeting: shall be defined as polyethylene sheeting with a minimum thickness of 6 mil (0.15 mm). To be used only one time in accordance with Ontario Regulation 278/05 as amended.
- 2.1.10 Lockdown Agent: means a liquid adhesive that is typically applied to surfaces to ensure any non-visible residual dust or debris is adhered upon. The agent must have been manufactured with the intent that its application will not interfere with the installation of post abatement products (fireproofing, texture coating, paints etc.) and it must have appropriate temperature tolerances based on intended use and cannot leave residual staining on the substrate.
- 2.1.11 Protective Clothing: means a material that does not easily retain or allow penetration of asbestos fibres through the material and is composed of a hood and full body covering that fits securely at the neck, wrists and ankles.
- 2.1.12 Rip-Proof Polyethylene Sheeting: shall be defined as 8 mil (0.20 mm) including a 5 mil (0.13 mm) strands weaved together with 2 layers of 1.5 mil (0.05 mm) poly laminate or similar. To be used only one time in accordance with Ontario Regulation 278/05.
- 2.1.13 Sprayer: shall be defined as a manual pump sprayer with a spray attachment if suitable.
- 2.1.14 Tape: may include any tape suitable for sealing polyethylene sheeting to substrate materials, or similar polyethylene sheeting and will maintain its intended use during periods of heat, cold, humidity and the application of water.

3. EXECUTION

3.1 Site Preparation

- 3.1.1 Shut down or isolate the HVAC system(s) providing service to the Asbestos Work Area.
- 3.1.1.1 Install 6 mil (0.15 mm) rip proof polyethylene sheeting cover openings in supply and return air ducts/ diffusers and seal.
- 3.1.1.2 If possible, ensure the HVAC system servicing the remainder of the building will not be disrupted during work.
- 3.1.1.3 The HVAC system shall remain shut down or isolated until completion of work, unless openings in supply and return air ducts/ diffusers can be effectively covered.

- 3.1.1.4 Complete work at predetermined times after shutting down HVAC systems servicing the Asbestos Work Area(s).
- 3.1.2 Place rip proof polyethylene drop sheet below asbestos Work Areas.
- 3.1.3 Install asbestos warning signs outside of Work Areas.
- 3.1.4 Use amended water for wetting asbestos-containing materials, using an approved method of applying the water (airless sprayers, pump sprayers etc.).

3.2 Asbestos Removal- General

- 3.2.1 Asbestos Work Area must be kept in a clean and tidy condition at all times.
- 3.2.2 Work must be completed so that no airborne asbestos, asbestos-containing material debris or waste water leaves the Asbestos Work Area.
- 3.2.3 Remove ACM using only non-powered hand-held tools.
- 3.2.4 The use of powered tools, compressed air and forced air is strictly prohibited.
- 3.2.5 Wet asbestos-containing materials prior to disturbance and maintain the material in a wet state throughout the abatement.
- 3.2.6 Place all waste in asbestos waste bags/containers regularly.
- 3.2.6.1 Break material only if unavoidable.
- 3.2.7 Clean Asbestos Work Area frequently with HEPA vacuum or with wet cleaning methods.
- 3.2.8 Dispose of polyethylene drop sheets and enclosures as asbestos waste.

3.3 Waste Transportation and Handling

- 3.3.1 Follow proper waste classification procedures.
- 3.3.2 Separate asbestos waste, metals, non-asbestos waste, and place in the appropriate bins.
- 3.3.3 Transport asbestos waste through agreed upon routes to the Asbestos Waste Bin.
- 3.3.3.1 Transportation cart must be covered to bring asbestos waste through Occupied Areas.
- 3.3.4 Transport sealed and labelled Asbestos Waste Containers from the Asbestos Work Area to the waste bin.
- 3.3.4.1 All asbestos waste bins must be covered and locked when not being transported.

- 3.3.4.2 In case of a spill the workers transporting waste cleanup spilled asbestos - containing materials according to Ontario Regulation 278/05 Type 2 precautions and procedures.
- 3.3.5 Decontaminate equipment when leaving from Asbestos Work Area if removed prior to completion.
 - 3.3.5.1 Place equipment and tools that cannot be cleaned in appropriate Asbestos Waste Containers.
- 3.3.6 Removal of Asbestos Waste Containers from the Asbestos Work Area shall include the following:
 - 3.3.6.1 Remove any visible dust/debris contamination from the surface of the waste container using a fresh damp cloth.
 - 3.3.6.2 At the entrance to Asbestos Work Area, place the Asbestos Waste Container in a second Asbestos Waste Container and seal.
 - 3.3.6.3 Remove from the Asbestos Work Area.
- 3.3.7 Asbestos contaminated waste must be transported to a landfill licensed by Ontario Ministry of the Environment, Conservation and Parks.
 - 3.3.7.1 Co-operate with Ministry of the Environment, Conservation and Parks. Follow all instructions for remedial cleanup work as issued at the landfill to maintain environmental conditions, at no cost to the Owner.

End of Section

DEMOLITION NOTES

CONTRACTOR TO FIELD VERIFY ALL EXISTING SITE CONDITIONS PRIOR TO CONSTRUCTION.

ALL REMOVALS AND DEMOLITION TO BE COORDINATED WITH MECHANICAL, ELECTRICAL, DRAWINGS PRIOR TO DEMOLITION START FOR ADDITIONAL DEMOLITION DOCUMENTS AND DETAILS SEE MECH. AND ELEC. DWGS.

GENERAL CONTRACTOR TO X-RAY ALL EXISTING CONCRETE FLOOR SLABS AND ROOF ASSEMBLY AS REQUIRED PRIOR TO DEMOLITION CORING. SEE SPECIFICATIONS.

REMOVED AREAS TO BE THOROUGHLY CLEANED TO OWNER SATISFACTION. REMOVAL OF ALL CONSTRUCTION DUST, DEBRIS AND MATERIALS AS PER SPECIFICATION SECTION 01 74 11.

GENERAL CONTRACTOR IS RESPONSIBLE TO REVIEW ASBESTOS REPORT IN SPECIFICATION FOR EXTENT OF ALL DESIGNATED SUBSTANCE AND HAZARDOUS MATERIALS SURVEYS AND EXTENT OF ABATEMENT WORK.

1 REMOVE EXISTING FLOORING, GLUE, BASEBOARD, ETC. IN ENTIRE ROOM. PREPARE ALL EXISTING CONCRETE FLOOR SLABS FOR NEW FINISH (INCLUDING PATCHING, LEVELING, SKIM-COATING, ETC.) TO THE SATISFACTION OF FLOORING SUBGRADER. CONTRACTOR TO INCLUDE CONTINGENCY FOR REPAIRS REQUIRED TO SUBBASE PRIOR TO NEW FLOORING. REFER TO FINISH SCHEDULE AND SPEC FOR NEW FLOOR FINISH MATERIAL AND BASE. ENSURE NEW FLOOR FINISH IS LEVEL, SEAMLESS IN HEIGHT BETWEEN EXISTING ADJACENT FLOOR FINISHES (NO TRANSITIONS).

2 EXISTING 300mm CONCRETE SLAB ON GRADE AND GRANULAR SUBBASE TO BE CUT AS REQUIRED TO SUIT PLUMBING WORK. TYPICAL FOR AREA SHOWN IN HATCH INDICATED. REFER TO MECHANICAL DRAWINGS. EXACT EXTENT TO BE CONFIRMED ON SITE. CONTRACTOR TO SCAN FLOOR PRIOR TO ANY CUTTING ON SITE.

3 CONTRACTOR TO PATCH WALL, PRIME AND REPAINT ALL WALLS IN ENTIRE ROOM. CONTRACTOR TO REMOVE ALL WALL SURFACE MOUNTED ITEMS, FIXTURES, MIRRORS, DEVICES, CAGES, FACE PLATES, AND ETC. CONTRACTOR TO REINSTALL SURFACE MOUNTED ITEMS. REFER TO INTERIOR ELEVATIONS FOR ADDITIONAL SURFACE TREATMENTS AND FINISHES. CONTRACTOR TO PAINT WINDOW WELLS AND SILLS. REFER TO ROOM FINISH SCHEDULE AND SPEC.

4 CONTRACTOR TO REMOVE WALL MOUNTED BOARD (WHITEBOARD, BLACKBOARD AND TACKBOARD) AND MIRROR. CONTRACTOR TO NOTE SOME WALL MOUNTED BOARDS FASTENED TO EACH OTHER. CONTRACTOR TO PATCH, GRIND AND MAKE SMOOTH EXISTING WALL OF ANY EXCESS AND STUBBORN GLUE. CONTRACTOR TO REPAIR WALL AS REQUIRED PRIOR TO PRIMING AND PAINTING.

5 EXISTING WALL MOUNTED BOARD TO REMAIN. CONTRACTOR TO COVER AND PROTECT DURING CONSTRUCTION. CONTRACTOR TO PAINT AROUND AND REMOVE ANY EXCESS PAINT AS REQUIRED.

6 EXISTING WINDOW AND FRAME TO REMAIN. CONTRACTOR TO CLEAN GLAZING, AND PREPARE FRAME FOR NEW PAINT FINISH.

7 CONTRACTOR TO REMOVE EXISTING WINDOW COVERINGS AND HAND OVER TO THE BOARD FOR REUSE ELSEWHERE. MANUAL BLINDS TO BE REMOVED, CLEANED AND REINSTALLED.

8 CONTRACTOR TO REMOVE EXISTING HM DOOR, FRAME AND SCREEN. MAKE GOOD OPENING FOR NEW HM DOOR AND FRAME. CONTRACTOR TO HAND OVER EXISTING HARDWARE TO OWNER FOR REUSE. REFER TO DOOR SCHEDULE.

9 CONTRACTOR TO REMOVE EXISTING DOOR AS REQUIRED TO COMPLETE CONSTRUCTION ACTIVITIES. CONTRACTOR TO STORE DOOR IN SAFE PLACE AND REINSTALL UPON COMPLETION OF SCOPE OF WORK. DOOR AND FRAME TO BE PAINTED AS GOOD AS NEW.

10 CONTRACTOR TO REMOVE HALF HEIGHT WOOD STUD CHASE WALL. CONTRACTOR TO REPAIR FLOOR AS REQUIRED.

11 CONTRACTOR TO DISCONNECT AND REMOVE WASHER/DRYER. CONTRACTOR TO PREPARE CONNECTION FOR NEW APPLIANCE. REFER TO MECH. AND ELEC. DWGS.

12 CONTRACTOR TO DISCONNECT AND REMOVE EXISTING SINK. REFER TO PROPOSED PLAN FOR LOCATION OF NEW PLUMBING FIXTURES. CONTRACTOR TO CUT EXISTING BLOCK AND CONCRETE SLAB AS REQUIRED FOR NEW PLUMBING. REFER TO MECH. DWGS.

13 CONTRACTOR TO REMOVE EXISTING MILLWORK ISLAND WITH SINK. CONTRACTOR TO DEMOLISH EXISTING FLOOR AS REQUIRED TO CAP EXISTING PLUMBING FIXTURE. REFER TO MECH. DWGS.

14 EXISTING MODULAR CONTROL PANEL TO REMAIN. CONTRACTOR TO COVER AND PROTECT DURING CONSTRUCTION. CONTRACTOR TO PAINT AROUND AND REMOVE ANY EXCESS PAINT AS REQUIRED. REFER TO ELEC. DWGS.

15 EXISTING ELECTRICAL PANEL, REFER TO ELEC. DWGS. CONTRACTOR TO PATCH REMOVED PANELS WITH MASONRY BLOCK TYP.

16 CONC. BLOCK WALL TO BE DEMOLISHED FOR MECH. ELEC. & PLUMBING WORK AND BE RECONSTRUCTED.

DEMOLITION RCP NOTES

REPLACE DAMAGED CEILING TILES AND GRID AS RESULT OF MECHANICAL/ELECTRICAL WORK. TYP.

EXISTING CEILING GRID TO REMAIN. TYP.

EXISTING ELECTRICAL SYSTEM ON LUTRON LIGHTING AND CONTROLS. CONTRACTOR TO MAKE NOTE OF WIRED AND WIRELESS DEVICES EXISTING LOCATION PRIOR TO REMOVAL. TO ENSURE DEVICES ARE RETURN TO THEIR PREVIOUS LOCATION, ITS THE CONTRACTOR'S RESPONSIBILITY THAT ALL EXISTING ELECTRICAL DEVICES MEET LUTRON COMMISSIONING REQUIREMENTS. TYP.

CONTRACTOR TO REMOVE AND REPLACE LAY-IN-ACOUSTIC CEILING TILES IN ENTIRE ROOM. REFER TO SPEC'S FOR TYPE.

EXISTING GRID TO REMAIN. CONTRACTOR TO CLEAN, PRIME AND PAINT. CONTRACTOR TO DEMOLISH AND RELOCATE AS REQUIRED FOR MECH. AND ELEC. WORK.

CONTRACTOR TO REMOVE CEILING MOUNTED MIRROR AND HAND OVER TO OWNER.

EXISTING PROJECTOR TV TO BE DISCONNECTED AND RELOCATED OR HAND OVER TO OWNER. REFER TO ELEC. DWGS. TYP.

EXISTING LIGHTING TO REMAIN. FIXTURES TO BE DISCONNECTED AND REMOVED AS REQUIRED FOR MECHANICAL WORK ABOVE CEILING. TYP. REFER TO ELEC. DWGS. FOR RELOCATED FIXTURES.

REMOVE EXISTING DIFFUSERS, RETURN GRILLS AND MECHANICAL DEVICES. REFER TO MECH. DWGS.

REMOVE EXISTING SPRINKLERS. REFER TO MECH. DWGS.

CONTRACTOR TO REMOVE CEILING PANELS AND GRID AS REQUIRED IN NOTED EXTENTS FOR PROPOSED SCOPE OF WORK. CEILING TO BE REINSTATED BACK TO EXISTING CONDITIONS WHEN COMPLETE. CONTRACTOR TO REPLACE ANY DAMAGED TILES.

MILLWORK GENERAL NOTES

CONTRACTOR TO PROVIDE MILLWORK CONDITION REPORT TO BE COORDINATED WITH ANMAC CONTRACTOR TO REFRESH DAMAGED PIECES. CONTRACTOR TO REFER TO SPEC FOR REFINISHING AND REFINISHING.

MILLWORK WITH CONCEALED PLUMBING. CONTRACTOR TO SITE VERIFY CENTER OF PIPE AND SIZE OF PLUMBING FOR EACH FIXTURE. TO ENSURE NEW MECHANICAL CONNECTIONS CAN SUIT EXISTING MILLWORK PANELS. REFER TO MECH. DWGS. TYP.

CONTRACTOR TO REFINISH CABINET SURFACES THROUGHOUT THE APPLICATION OF A NEW FINISH OVER THE EXISTING OR AS EXTENSIVE AS THE REMOVAL OF THE EXISTING FINISH. REPAIR AND PATCHING OF PHYSICAL DEFECTS.

CONTRACTOR TO REFACE DOORS, DRAWERS, CABINET FACE AND FINISHED EDGES THROUGHOUT TO HAVE A COHESIVE FINISH LOOK ACROSS ALL PIECES OF SIMILAR CONSTRUCTION OR TYPE. MINIMUM (3) FINISHES TO BE SELECTED BY CONSULTANT.

CONTRACTOR TO ALLOCATE AN ALLOWANCE FOR NEW HARDWARE, INCLUDING HINGES, PULLS, CATCHES AND LOCKS WHERE THE EXISTING HARDWARE CANNOT BE SALVAGED OR COMPONENTS ARE MISSING TO COMPLETE A PIECE OF RELOCATED MILLWORK. CONTRACTOR TO MATCH FINISH WITH EXISTING MILLWORK HARDWARE. TYP. CONTRACTOR TO KEY EXISTING LOCKS AND NEW LOCKS TO MATCH TYPE.

CONTRACTOR TO REPLACE DAMAGED SHELVES IN RELOCATED MILLWORK PIECES. TYP.

METHOD OF REPAIR AND PATCHING UP TO THE CONTRACTOR, CRAFTSMANSHIP AND FABRICATION TO MEET ANMAC STANDARDS.

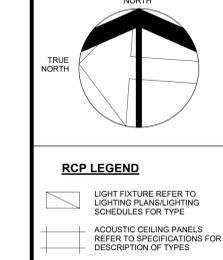
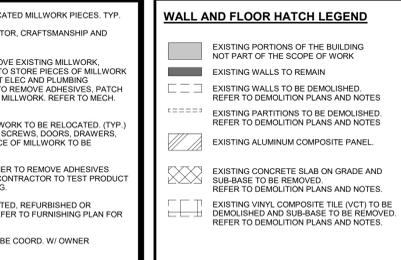
CONTRACTOR TO SAFELY AND CAREFULLY REMOVE EXISTING MILLWORK, CABINETS, CHASES & SHELVING. CONTRACTOR TO STORE PIECES OF MILLWORK IN A SAFE PLACE. CONTRACTOR TO DISCONNECT ELEC. AND PLUMBING FIXTURES PRIOR TO REMOVALS. CONTRACTOR TO REMOVE ADHESIVES, PATCH AND REPAIR EXISTING WALL UPON REMOVAL OF MILLWORK. REFER TO MECH. AND ELEC. DWGS. TYP.

CONTRACTOR TO SELECT BEST PIECES OF MILLWORK TO BE RELOCATED. (TYP.) CONTRACTOR TO UTILIZE EXISTING HARDWARE, SCREWS, DOORS, DRAWERS, AND PANELS AS REQUIRED TO COMPLETE A PIECE OF MILLWORK TO BE RELOCATED.

CONTRACTOR TO CARRY MIN. 10 SQ M OF CLEANER TO REMOVE ADHESIVES FROM EXISTING MILLWORK TO BE RELOCATED. CONTRACTOR TO TEST PRODUCT IN INCONSPICUOUS AREA PRIOR TO PROCEEDING.

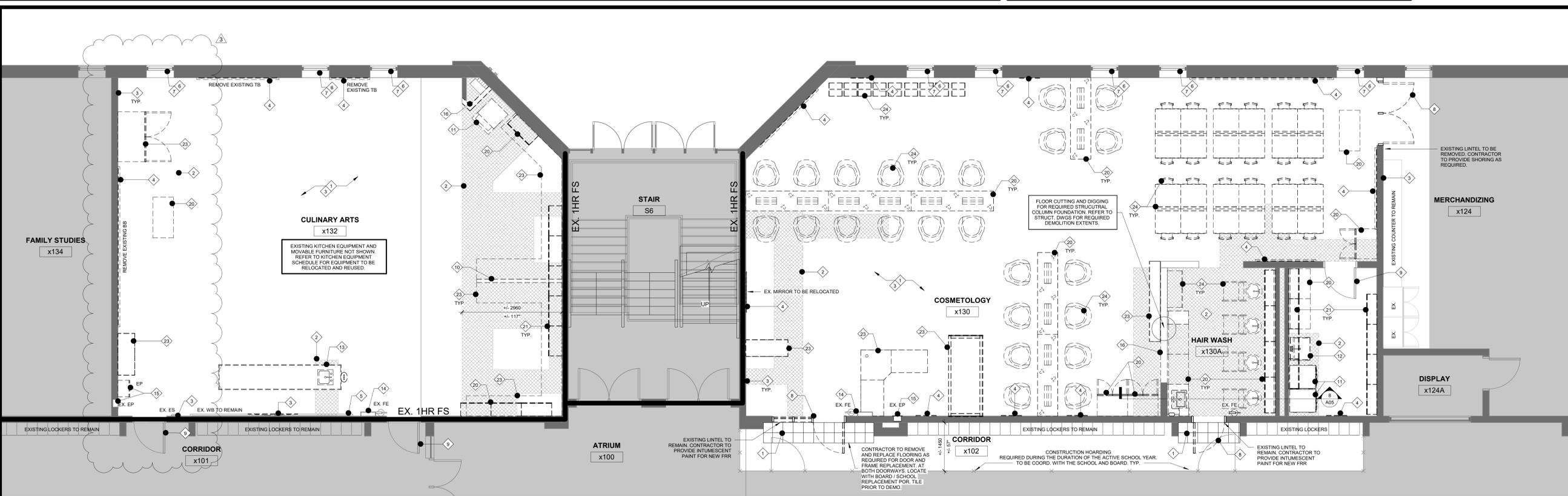
CONTRACTOR TO VERIFY PIECES TO BE RELOCATED, REFINISHED OR DISCARDED WITH OWNER AND CONSULTANT. REFER TO FURNISHING PLAN FOR RELOCATED AND NEW MILLWORK.

FURNITURE TO BE STORED AND RELOCATED TO BE COORD. W/ OWNER.

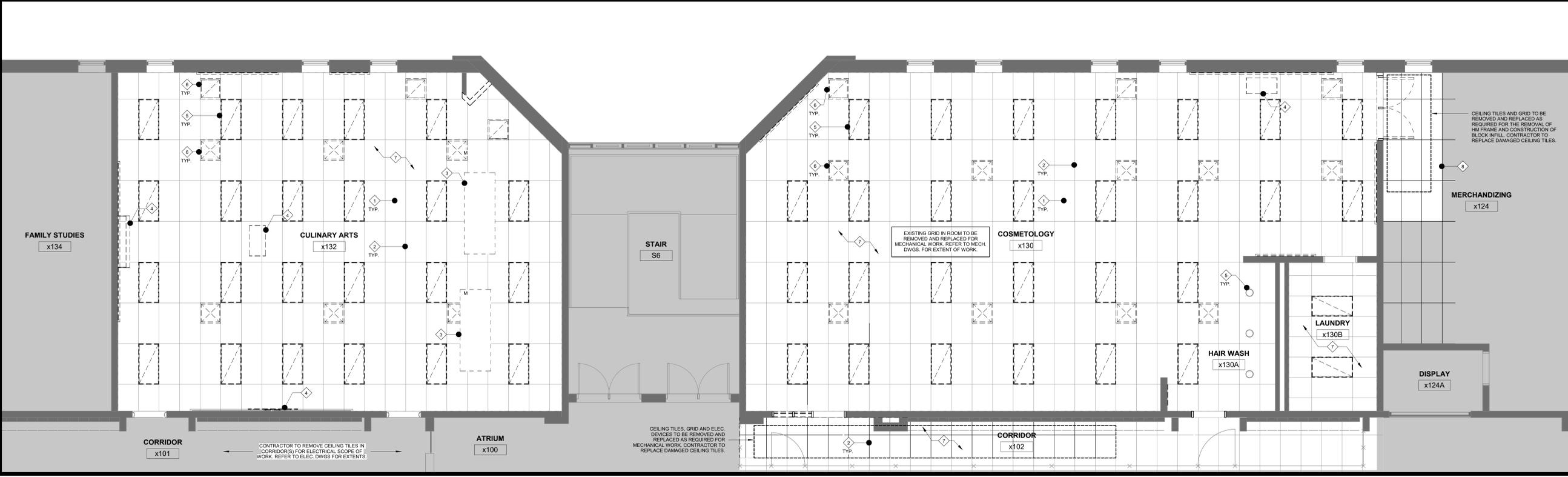


ABBREVIATIONS

AFF	ABOVE FINISH FLOOR
BRG	BLOCK
CB	CONCRETE BLOCK
CC	CONTROL JOINT
CONT	CONTINUOUS
CW	COMPLETE WITH
DWG	DRAWING
DWG	EXPOSED CEILING
EWP/M	EXPOSED WATERPROOF MEMBRANE
FL	FLOOR DRAIN
GLZ	GLAZING
GYP	GYPSUM BOARD
HD	HUB DRAIN
HM	HOLLOW METAL
LAP	LAY-IN ACOUSTIC CEILING
LAP-	LAY-IN ACOUSTIC PANEL
LCR	IN CERAMIC COATING
LVT	LUXURY VINYL TILE / PLANK
MCP	MODULAR CONTROL PANEL
NC	NOT INCLUDED IN CONTRACT
O.C	ON CENTER
DWS/J	OPEN WEB STEEL JOIST
PF	PRE-FINISHED
PR	PAINT
PTD	PAPER TOWEL DISPENSER
RD	ROOF DRAIN
RR	RESILIENT RUBBER BASE
S.CONC	SEALED CONCRETE
SFF	SAFETY SHEET FLOOR
STP	SHORT THROW PROJECTOR
TB	TACKBOARD
WB	WHITE BOARD
WM	WIRE MOLD



1 PARTIAL GROUND FLOOR PLAN - DEMOLITION
SCALE: 1:50



3 PARTIAL GROUND FLOOR PLAN - DEMOLITION RCP
SCALE: 1:50

ONTARIO ASSOCIATION OF ARCHITECTS
MAR 6/26
PRISILLA LADOUCEUR
LICENCE 8028

CERTIFICATE OF PRACTICE #4292

NOTRE DAME CSS - COSMETOLOGY & CULINARY ARTS INTERIOR RENOVATION
2333 HEADON FOREST DR.
BURLINGTON, ON L7M 3J6
LEGAL DESCRIPTION:
PART OF LOT 14, CONVESSION 1
CITY OF BURLINGTON
REGIONAL MUNICIPALITY OF HALTON

HALTON CATHOLIC DISTRICT SCHOOL BOARD
802 DURURY LANE, (905) 632-6300
BURLINGTON ON L7R 2Y2
Abramms@ncdsb.on.ca

PARTIAL GROUND FLOOR DEMOLITION PLANS

HOSSACK ARCHITECTURE
153 - 1939 IRONGRAVE WAY
BURLINGTON, ON L7R 1Y7
(905) 818-8384
hossack@hossack.com

NO.	DESCRIPTION	DATE
1	ADDENDUM NO 3	26 03 08
2	ISSUED FOR TENDER	26 02 18
3	ISSUED FOR PERMIT	26 02 09

DRAWINGS ARE NOT TO BE SCALED. CONTRACTOR MUST CHECK AND VERIFY ALL DIMENSIONS AND CONDITIONS ON THE PROJECT AND MUST REPORT ANY DISCREPANCIES TO THE CONSULTANTS BEFORE PROCEEDING WITH THE WORK. THE USE OF THIS DRAWING OR WITH THE HELP OF ENGINEER WITHOUT THE WRITTEN APPROVAL OF THE CONSULTANTS.

SCALE: As indicated
PROJECT: 24140B
DATE: 26 02 18
DRAWING: DRAWING
CHECKED: PL
DRAWN: AM
A02
PRINT DATE: 2026-03-03 11:46 PM
REVIT FILE: T:\2024\24140\02\Revit.RVT

CONSTRUCTION NOTES

- NEW LVT FLOORING COMPLETE WITH WALL AND MILLWORK BASE IN ENTIRE ROOM. FEATHER FLOOR TO ENSURE FLOOR IS LEVEL AND TRANSITIONS SEAMLESSLY TO CORRIDOR AND ADJACENT ROOMS. REFER TO FLOOR FINISH PLAN, ROOM FINISH SCHEDULE, AND SPECIFICATIONS.
- NEW SAFETY SHEET FLOORING COMPLETE WITH WALL BASE IN ENTIRE ROOM. FEATHER FLOOR TOWARDS FLOOR DRAINS. ENSURE SHEET FLOOR TRANSITIONS SEAMLESSLY TO CORRIDOR AND ADJACENT ROOMS. REFER TO FLOOR FINISH PLAN, ROOM FINISH SCHEDULE, AND SPECIFICATIONS.
- NEW OR EXISTING FLOOR DRAIN. REFER TO MECH. DWGS. REFER TO SPECIFICATIONS. TYP.
- NEW CERAMIC WALL TILE, GROUT, ETC. ON WALL. REFER TO INTERIOR ELEVATION FOR EXTENTS. REFER TO SPECS FOR NEW FINISH AND MATERIAL. COLOURS TO BE SELECTED BY CONSULTANT. ALLOW FOR FIELD AND ACCENT AT EACH ELEVATION. TYP.
- NEW FLOOR FINISH ON 30mm CONCRETE SLAB ON GRADE (C.O.S.) AND COMPACTED GRANULAR SUB-BASE (M.F.L.). TYPICAL FOR ALL AREAS SHOWN IN HATCH INDICATED. NEW CONCRETE SLAB TO BE SLOPED MIN. 1% TO FLOOR DRAINS WHERE APPLICABLE. REFER TO SPECS, REFER TO MECH. AND ELEC. DWGS FOR PIPE AND CONDUITS.
- CONTRACTOR TO PATCH AND MAKE GOOD EXISTING WALLS IN ENTIRE ROOM. TYP.

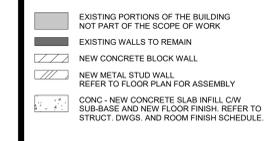
- CONTRACTOR TO PRIME AND PAINT ENTIRE WALL COLOUR TO BE SELECTED BY CONSULTANT.
- CONTRACTOR TO PAINT EXISTING WINDOW FRAMES AND BULLNOSE BLOCK WINDOW SILLS. COLOURS TO BE SELECTED BY CONSULTANT. PRIOR TO NEW WINDOW COVERS TO BE INSTALLED OR REINSTALLED.
- EXISTING WHITE BOARD TO REMAIN. CONTRACTOR TO PROTECT AND PAINT AROUND. CONTRACTOR TO PROTECT DURING CONSTRUCTION.
- CONTRACTOR TO INFILL BLOCK OPENING. REFER TO INTERIOR ELEVATION FOR EXTENTS. CONTRACTOR TO TOOTH-IN TYP. BLOCK WIDTH TO MATCH EXISTING. C.O.S.
- NEW CONCRETE BLOCK CHASE WALL FOR EYE WASH SYSTEM AND PLUMBING. FLOOR TO STRUCTURE ABOVE. REFER TO MECH. DWGS FOR PLUMBING COORD. TYP.
- CONTRACTOR TO REFER TO FURNISHING PLAN FOR MILLWORK TYP. REFER TO MILLWORK SCHEDULE FOR SPECIFIC NOTES. CONTRACTOR TO REFER TO KITCHEN DRAWINGS FOR EQUIPMENT DETAILS. REFER TO CULINARY ARTS EQUIPMENT SCHEDULE FOR SPECIFIC NOTES.

- CONTRACTOR TO ENSURE ALL PENETRATIONS IN EXISTING WALL ARE PATCHED TO MEET 30 MIN FIRE SEPARATION. CONTRACTOR TO BRING CONCERNS TO CONSULTANT PRIOR TO ACTION. REFER TO MECH. DWGS FOR FIRE SEPARATION DETAILS AND NOTES AS REQ'D.
- EXISTING HM DOOR AND FRAME TO BE REPLACED WITH FIRE RATED CLOSURES. REFER TO DOOR SCHEDULE AND SPECS.
- EXISTING HM DOOR AND FRAME TO REMAIN. CONTRACTOR TO PATCH, PRIME AND PAINT. CORRIDOR DOORS TO MATCH EXISTING. INTERIOR DOORS COLOUR TO BE SELECTED BY CONSULTANT. REFER TO DOOR SCHEDULE.
- EXISTING TO REMAIN.
- BY OTHERS. NOT INCLUDED IN CONTRACT.
- NEW CONCRETE BLOCK CHASE WALL, FLOOR TO CEILING. COORD. WITH MECH. DWGS AND ELEC. DWGS. FOR CONNECTIONS AND PIPING.

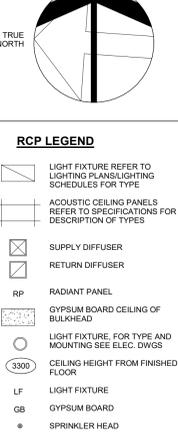
CONSTRUCTION RCP NOTES

- NEW LAY IN ACOUSTIC CERAMIC COATED PANELS THROUGHOUT ROOM. REFER TO SPECIFICATIONS.
- EXISTING CEILING GRID TO REMAIN. CONTRACTOR TO REPAIR ANY DAMAGED SECTIONS. CEILING GRID TO BE PRIMED AND PAINTED. COLOUR TO BE SELECTED BY CONSULTANT. REFER TO SPECIFICATIONS.
- EXISTING OR RELOCATED LIGHT FIXTURE. FIXTURES TO BE REMOVED AND REINSTALLED FOR REQUIRED MECHANICAL WORK. REFER TO ELEC. DWGS. TYP.
- EXISTING OR RELOCATED SPEAKER/DIFFUSER/ EXHAUST RETURN BY DIV. 15. REFER TO MECH. DWGS. TYP.
- EXISTING OR RELOCATED SPRINKLER HEAD BY DIV. 15. REFER TO MECH. DWGS. TYP.
- CONTRACTOR TO REUSE EXISTING WALL OPENING FOR EXTERIOR LOUVERS AND VENT. CONTRACTOR TO PRIME, PAINT AND MAKE NEW AS REQUIRED. CONFIRM AND SIZE ON SITE. CONTRACTOR TO PATCH AND REWORK EXTERIOR WALLS INCLUDING GULKING AS REQUIRED. REFER TO MECH. DWGS. FOR LOCATION. TYP.

WALL AND FLOOR HATCH LEGEND



RCP LEGEND



ABBREVIATIONS

AFF	ABOVE FINISH FLOOR
BR	BRICK
CB	CONCRETE BLOCK
CJ	CONTROL JOINT
CONT	CONTINUOUS
CW	COMPLETE WITH
CWT	CERAMIC WALL TILE
DWG	DRAWING
EXP	EXPOSED CEILING
EWP	EXPOSED WATERPROOF MEMBRANE
FL	FLOOR DRAIN
GL	GLAZING
GYP	GYPSUM BOARD
HD	HUB DRAIN
HM	HOLLOW METAL
LAP	LAY-IN ACOUSTIC CEILING
LAP-C	LAY-IN ACOUSTIC PANEL
LVT	LUXURY VINYL TILE / PLANK
MCP	MODULAR CONTROL PANEL
NC	NOT INCLUDED IN CONTRACT
O.C.	ON CENTER
OSF	OPEN WEB STEEL JOIST
PF	PRE-FINISHED
PAINT	PAINT
PTD	PAPER TOWEL DISPENSER
RD	ROOF DRAIN
RR	RESILIENT RUBBER BASE
S.CONC	SEALED CONCRETE
SFF	SAFETY SHEET FLOOR
STP	SHORT THROW PROJECTOR
T&B	T&B BOARD
WB	WHITE BOARD
WM	WIRE MOLD

NO.	DESCRIPTION	DATE
1	ADDENDUM NO. 3	26 03 08
2	ISSUED FOR TENDER	26 02 18
3	ISSUED FOR PERMIT	26 02 09

DRAWINGS ARE NOT TO BE SCALED. CONTRACTOR MUST CHECK AND VERIFY ALL DIMENSIONS AND CONDITIONS ON THE PROJECT AND MUST REPORT ANY DISCREPANCIES TO THE CONSULTANTS BEFORE PROCEEDING WITH THE WORK. THE USE OF THIS DRAWING ON PART THEREOF IS FORBIDDEN WITHOUT THE WRITTEN APPROVAL OF THE CONSULTANTS.



CERTIFICATE OF PRACTICE #4292

NOTRE DAME CSS - COSMETOLOGY & CULINARY ARTS INTERIOR RENOVATION

2333 HEADON FOREST DR. BURLINGTON, ON L7M 3J6
LEGAL DESCRIPTION:
PART OF LOT 14, CONFESSION 1
CITY OF BURLINGTON
REGIONAL MUNICIPALITY OF HALTON



802 DURRY LANE, (905) 652-6300
BURLINGTON ON L7R 2Y2. abraham@notredame.org

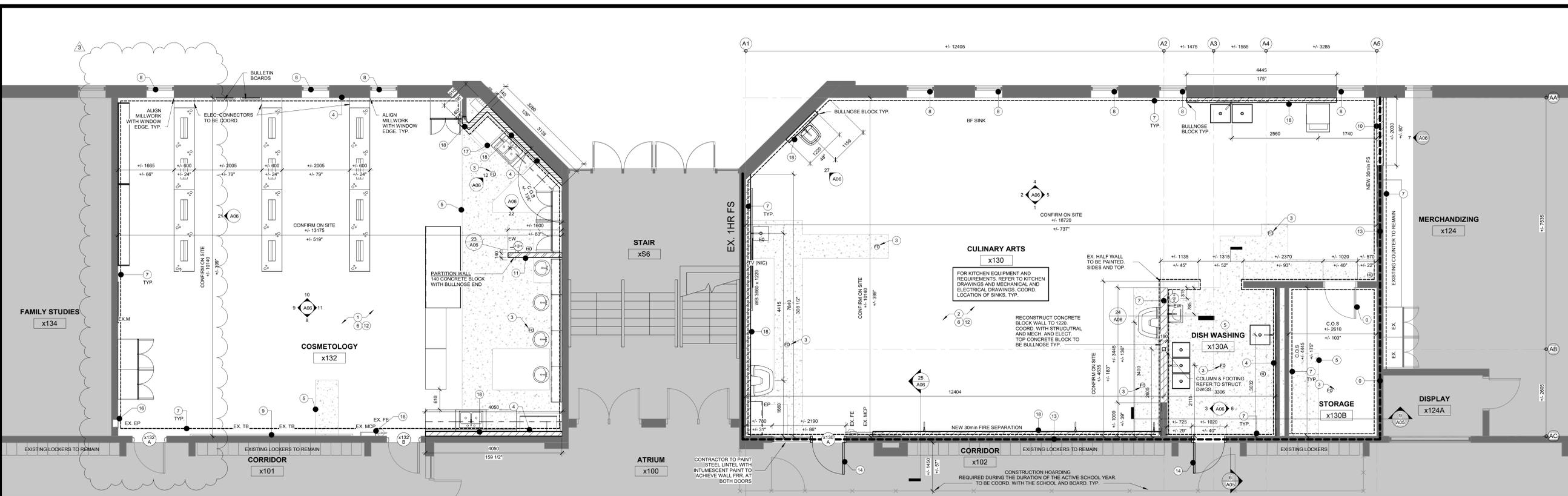
PARTIAL GROUND FLOOR PROPOSED PLAN

HOSSACK ARCHITECTURE

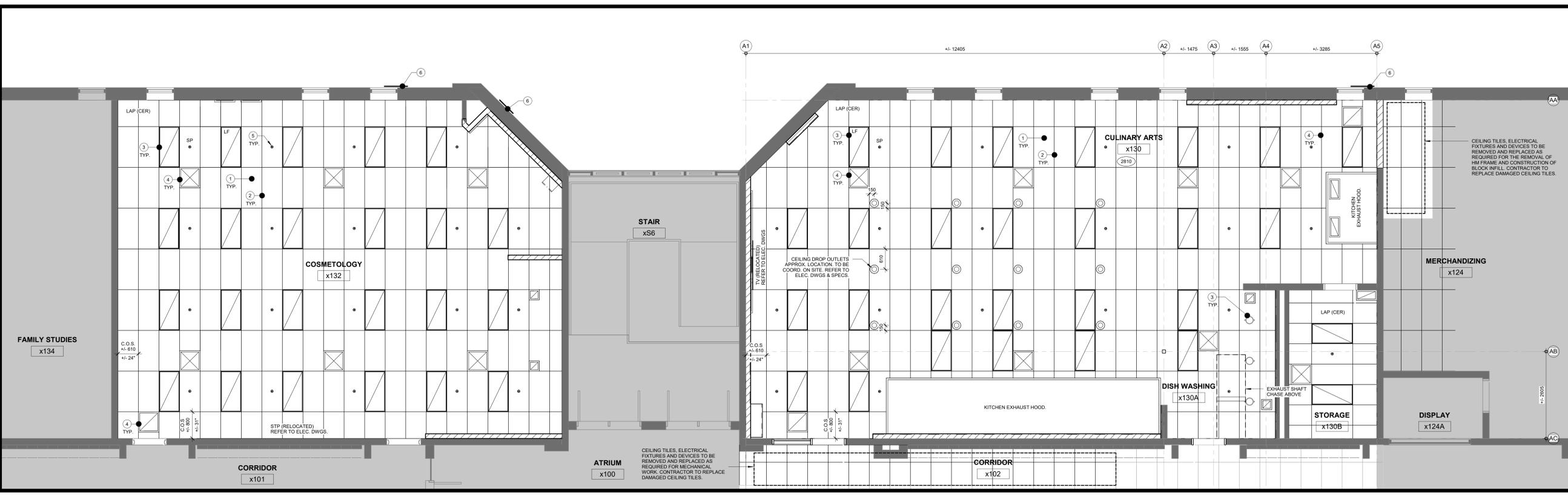


153 - 1939 IRONDALE WAY
SUITE 101
BURLINGTON ON L7R 1Y8
(905) 818-8384

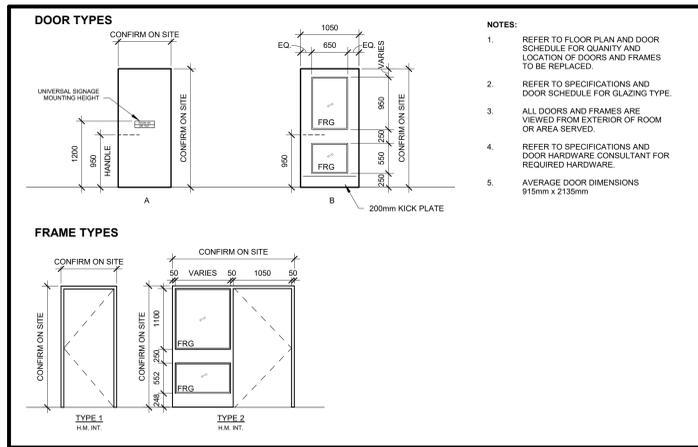
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DATE	26 02 18	DRAWN	AM
CHECKED	PL	PROJECT	A03
PRINT DATE	2026-03-03 11:45:15 PM	REVIT FILE	T:\2024\241402\Revit\RV7



1 PARTIAL GROUND FLOOR PLAN - PROPOSED
SCALE: 1 : 50



2 PARTIAL GROUND FLOOR PLAN - PROPOSED RCP
SCALE: 1 : 50



- NOTES:**
- REFER TO FLOOR PLAN AND DOOR SCHEDULE FOR QUANTITY AND LOCATION OF DOORS AND FRAMES TO BE REPLACED.
 - REFER TO SPECIFICATIONS AND DOOR SCHEDULE FOR GLAZING TYPE.
 - ALL DOORS AND FRAMES ARE VIEWED FROM EXTERIOR OF ROOM OR AREA SERVED.
 - REFER TO SPECIFICATIONS AND DOOR HARDWARE CONSULTANT FOR REQUIRED HARDWARE.
 - AVERAGE DOOR DIMENSIONS 915mm x 2135mm

DOOR SCHEDULE

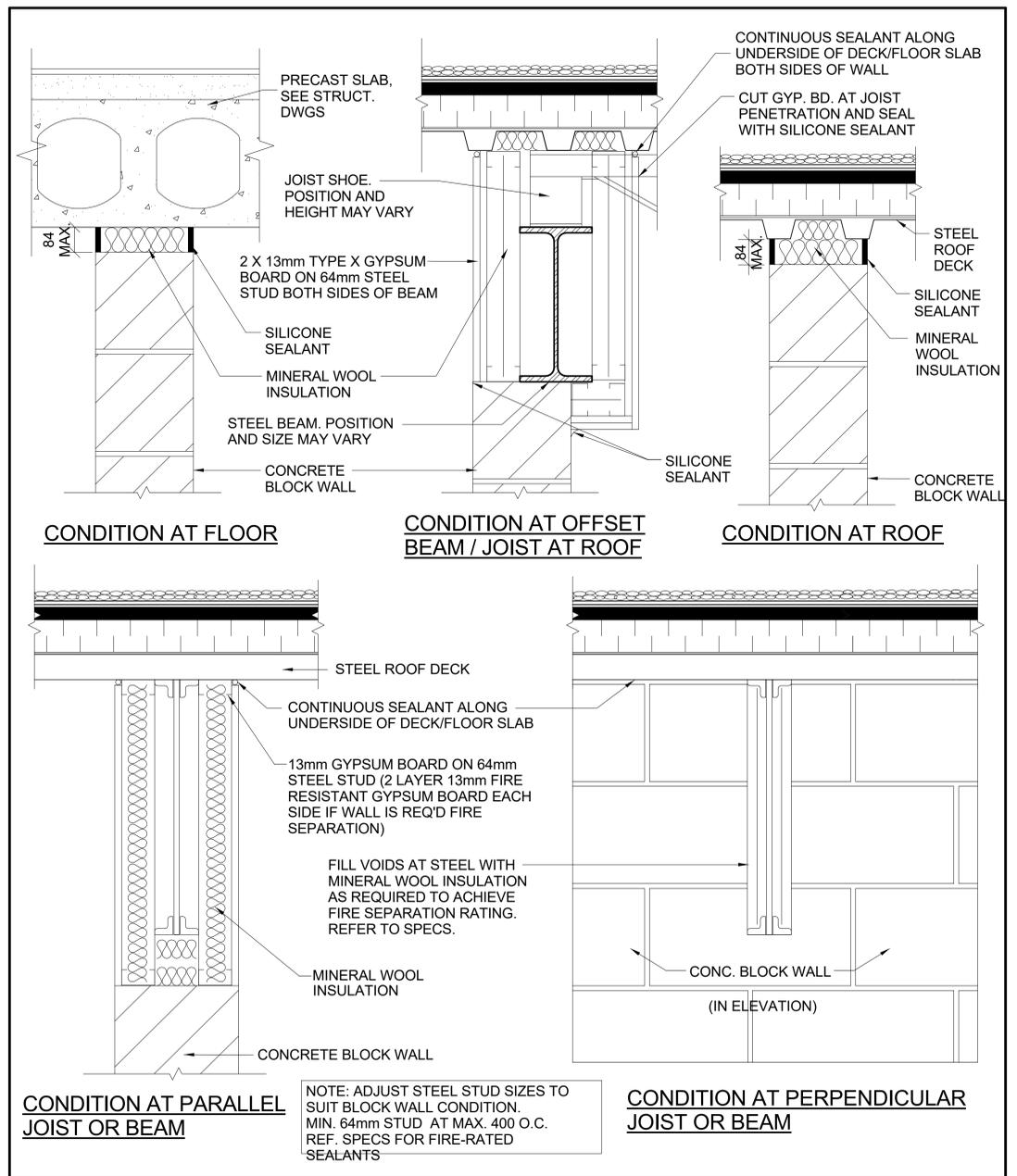
No.	FROM	TO	DIRECTION	ASSEMBLY				FIRE REQ.	CLIMATIC	OPERATION	SECURITY	COMMENTS
				DOORS	FRAMES	GLAZING	INSULATED					
x130	A	CULINARY ARTS	TRILUM	EX	HM	P	FRG	No	EX-90	No	No	DOOR AND FRAME TO BE COORDINATED WITH EX. OPENING
x132	A	COSMETOLOGY	CORRIDOR	EX	HM	P	EX.FRG	No	EX-90	No	No	EXISTING FR RATED DOOR AND FRAME TO BE PAINTED.
x132	B	COSMETOLOGY	CORRIDOR	EX	HM	P	EX.FRG	No	EX-90	No	No	EXISTING FR RATED DOOR AND FRAME TO BE PAINTED.
x152	A	CULINARY ARTS	STORAGE	EX	HM	P	FRG	No	EX-90	No	No	EXISTING DOOR TO BE PAINTED. COLOUR TO BE SELECTED BY CONSULTANT
x153	A	DISH WASHING	CORRIDOR	A	HM	P	FRG	No	20	No	No	DOOR AND FRAME TO BE COORDINATED WITH EX. OPENING

NOTRE DAME CSS INTERIOR RENOVATION - ROOM FINISH SCHEDULE

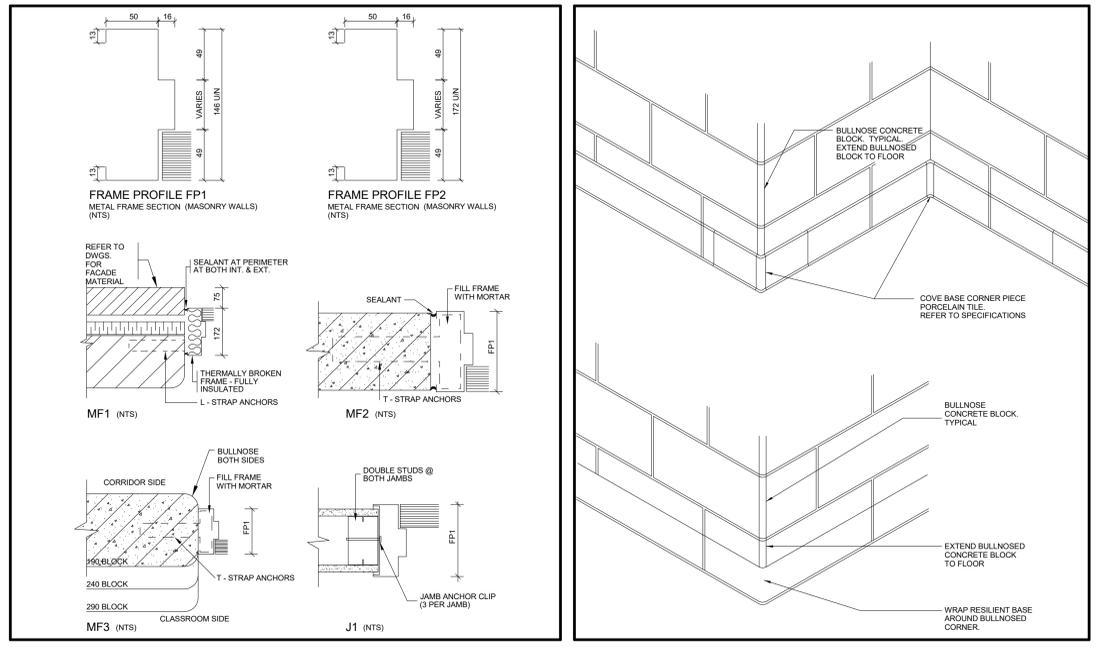
NO	NAME	FLOOR		WALL		CEILING		REMARKS	
		FIN	BASE	MATL	FIN	MATL	FIN		HEIGHT (mm)
GROUND FLOOR									
x124	MERCHANDISING	EX	RR	EX	P	EX LAP	-	2810 C.O.S	PAIN'T WALL AND NEW WALL BASE ALONG FULL LENGTH OF WALL. REPLACE DAMAGED CEILING TILES W. EXISTING TILES. PAINT COLOUR TO MATCH EXISTING. TO BE CONFIRMED BY CONSULTANT
x130	CULINARY ARTS	SSF	RR	EX	P	LAP (CER)	P	2810 C.O.S	NEW CEILING TILES. CEILING GRID TO BE REPLACED. ALL WALLS TO BE PAINTED. CWT & STAINLESS STEEL BACKSPLASH WERE INDICATED. ON INT. ELEV. TO BE READ IN CONJUNCTION WITH KITCHEN DWGS TYP. FOR ALL FINISHES. MECHANICALLY FASTENED CLAMPING FLOOR DRAIN TO BE USED WITH SSF. REFER TO MECH. DWGS. TYP.
x130A	DISHWASHING	SSF	RR	EX	P	CWT / P	LAP (CER)	2810 C.O.S	NEW CEILING TILES. CEILING GRID TO BE PAINTED. STAINLESS STEEL BACKSPLASH AT DISHWASHING. INT. ELEV. TO BE READ IN CONJUNCTION WITH KITCHEN DWGS TYP. FOR ALL FINISHES. MECHANICALLY FASTENED CLAMPING FLOOR DRAIN TO BE USED WITH SSF. REFER TO MECH. DWGS. TYP.
x130B	STORAGE	SSF	RR	EX	P	LAP (CER)	P	2810 C.O.S	NEW CEILING TILES. CEILING GRID TO BE PAINTED. INT. ELEV. TO BE READ IN CONJUNCTION WITH KITCHEN DWGS TYP. FOR ALL FINISHES. MECHANICALLY FASTENED CLAMPING FLOOR DRAIN TO BE USED WITH SSF. REFER TO MECH. DWGS. TYP.
x132	COSMETOLOGY	LVT	RR	EX	P	CWT / P	LAP (CER)	2810 C.O.S	NEW CEILING TILES. CEILING GRID TO BE PAINTED. CWT BACKSPLASH AND ACCENT WALL. REFER TO INT. ELEV.
x101	CORRIDOR	EX	EX	EX	EX	EX	EX	EX	EXISTING TO REMAIN. CONTRACTOR TO CLEAN AS SET OUT IN THE SPECIFICATIONS ASSOCIATED WITH THE WORK AREA. CONTRACTOR TO REPLACE DAMAGE CEILING TILES AND GRID AS A RESULT OF ELECTRICAL / MECHANICAL WORK.
x102	CORRIDOR	EX	EX	EX	EX	EX	EX	EX	EXISTING TO REMAIN. CONTRACTOR TO CLEAN AS SET OUT IN THE SPECIFICATIONS ASSOCIATED WITH THE WORK AREA. CONTRACTOR TO REPLACE DAMAGE CEILING TILES AND GRID AS A RESULT OF ELECTRICAL / MECHANICAL WORK.
SECOND FLOOR									
x228	CLASSROOM	EX	RR	EX	P	EX LAP	-	2810 C.O.S	PAIN'T WALL AND NEW WALL BASE ALONG EXTENT OF NEW WALL. CONTRACTOR TO PAINT ADJACENT WALLS. WHERE WALL MOUNTED BOARDS ARE REMOVED CONTRACTOR TO PAINT WALL PRIOR TO PAINTING. REPLACE DAMAGED CEILING TILES AND GRID. PAINT COLOUR TO MATCH EXISTING. TO BE CONFIRMED BY CONSULTANT
x202	CORRIDOR	EX	EX	EX	EX	EX	EX	EX	EXISTING TO REMAIN. CONTRACTOR TO CLEAN AS SET OUT IN THE SPECIFICATIONS ASSOCIATED WITH THE WORK AREA. CONTRACTOR TO REPLACE DAMAGE CEILING TILES AND GRID AS A RESULT OF ELECTRICAL / MECHANICAL WORK.

NOTRE DAME - COSMETOLOGY MILLWORK NOTES

ITEM	QTY	DESCRIPTION	RELOCATED	NEW	APPROX. DIMENSIONS C.O.S	NOTES
70	6	DOUBLE SIDED STYLING STATION	Y		2450W 900H 610D	EXISTING PIECES TO BE REFINISHED WITH NEW LAMINATE EDGING TO MATCH EXISTING. ELECTRICAL CONDUIT TO BE DISCONNECTED TO SEPARATE WIRING PIECES AND RECONNECTED UPON RELOCATION. MIRRORS TO BE THOROUGHLY CLEANED AND ADHESIVES REMOVED. CONTRACTOR TO UN ATTACH AND RE ATTACH MIRRORS FOR TRANSPORTATION AS REQ'D.
71	LOT	STYLING CHAIRS	Y			EXISTING CHAIRS TO BE RELOCATED OR REPLACED (BY OTHERS)
72	LOT	MOBILE MANICURE TABLES	Y		1065W 765H 460D	NIC. BY OTHERS
73	LOT	STUDENT CHAIRS	Y			NIC. BY OTHERS
74	2	MANNEQUIN CUBBIE	Y		2440W 2200H 355D	NEW UNIT. REFER TO INT. ELEVATION
75	2	STORAGE CABINET - BLOW DRYERS	Y		900W 2200H 610D	EXISTING PIECE TO BE REFINISHED WITH NEW LAMINATE TO MATCH PROPOSED MILLWORK. DAMAGED INTERIOR COMPONENTS SUCH AS SHELVES TO BE REPLACED AS REQ'D. HARDWARE TO BE REPLACED AS REQ'D. CONTRACTOR TO REHANG AND REALIGN DOORS. TYP. NEW CONTINUOUS COUNTER TOPS AT PROPOSED LOCATIONS. **CONTRACTOR MAY CHOOSE TO BUILD NEW UNIT ENTIRELY - IF MORE FEASIBLE
76	LOT	COLOUR CARTS	Y			NIC. BY OTHERS
77	1	DOUBLE SIDED STORAGE	Y		2440W 1220H 1040D	NEW UNIT. REFER TO INT. ELEVATION
78	2	TEACHERS DESK	Y		1220W 765H 610D	EXISTING DESKS TO BE RELOCATED REFER TO ELEC DWGS FOR POWER AND DATA. GROMMETS. TYP.
79	LOT	TEACHERS CHAIR	Y			NIC. BY OTHERS
80	1	STORAGE CLOSET w. COAT RACK	Y		900W 2200H 635D	NEW UNIT. REFER TO INT. ELEVATIONS
81	1	WASHING MACHINE	Y			NIC. BY OTHERS, MAYTAG - STACKED
82	1	DRYER	Y			NIC. BY OTHERS, MAYTAG - STACKED
83	2	BASE CABINET w. DOUBLE SINK	Y		VARIES C.O.S. 900W 900H 640D	EXISTING PIECES TO BE REFINISHED WITH NEW LAMINATE. INCLUDING DOORS, DRAWER FRONTS, CABINET FACES AND FINISHED ENDS. DAMAGED INTERIOR COMPONENTS SUCH AS SHELVES TO BE REPLACED. HARDWARE TO BE REPLACED AS REQ'D. LOCKS TO BE REKEYED AS REQ'D. CONTRACTOR TO REHANG AND REALIGN DOORS. TYP. SINKS TO BE DISCONNECTED AND RECONNECTED WHERE RELOCATED. REFER TO MECH. DWGS FOR CONDITIONS OF SINKS. NEW CONTINUOUS COUNTER TOPS AT PROPOSED LOCATIONS. **CONTRACTOR MAY CHOOSE TO BUILD NEW UNIT ENTIRELY - IF MORE FEASIBLE
84	3	BASE CABINET w. DOUBLE DOORS AND DRAWERS	Y		VARIES C.O.S. 900W 900H 640D	EXISTING PIECES TO BE REFINISHED WITH NEW LAMINATE. INCLUDING DOORS, DRAWER FRONTS, CABINET FACES AND FINISHED ENDS. DAMAGED INTERIOR COMPONENTS SUCH AS SHELVES TO BE REPLACED. HARDWARE TO BE REPLACED AS REQ'D. LOCKS TO BE REKEYED AS REQ'D. CONTRACTOR TO REHANG AND REALIGN DOORS. TYP. **CONTRACTOR MAY CHOOSE TO BUILD NEW UNIT ENTIRELY - IF MORE FEASIBLE
85	6	UPPER CABINET w. DOUBLE DOORS	Y		VARIES C.O.S. 900W 800H 360D	EXISTING PIECES TO BE REFINISHED WITH NEW LAMINATE. INCLUDING DOORS, DRAWER FRONTS, CABINET FACES AND FINISHED ENDS. DAMAGED INTERIOR COMPONENTS SUCH AS SHELVES TO BE REPLACED. HARDWARE TO BE REPLACED AS REQ'D. LOCKS TO BE REKEYED AS REQ'D. CONTRACTOR TO REHANG AND REALIGN DOORS. TYP. **CONTRACTOR MAY CHOOSE TO BUILD NEW UNIT ENTIRELY - IF MORE FEASIBLE
86	2	UPPER CABINET w. SINGLE DOOR	Y		VARIES C.O.S. 400W 800H 360D	EXISTING PIECES TO BE REFINISHED WITH NEW LAMINATE. INCLUDING DOORS, DRAWER FRONTS, CABINET FACES AND FINISHED ENDS. DAMAGED INTERIOR COMPONENTS SUCH AS SHELVES TO BE REPLACED. HARDWARE TO BE REPLACED AS REQ'D. LOCKS TO BE REKEYED AS REQ'D. CONTRACTOR TO REHANG AND REALIGN DOORS. TYP. **CONTRACTOR MAY CHOOSE TO BUILD NEW UNIT ENTIRELY - IF MORE FEASIBLE
87	3	FILLER STRIP	Y		50mm x VARIABLE HEIGHT	NEW FILLER STRIPS WHERE MILLWORK IS ADJACENT A WALL. REFER TO INTERIOR ELEVATIONS FOR LOCATIONS. CONTRACTOR TO MAKE USE OF LEFTOVER SALVAGEABLE MILLWORK COMPONENTS OR FABRICATE NEW PIECES TO MATCH MILLWORK FINISH. TYP.
88	2	STORAGE CABINET - QUAD DOORS	Y		900W 2200H 320D	NEW UNIT. REFER TO INT. ELEVATIONS
89	4	HAIR WASHING STATION	Y		VARIES C.O.S. 1070W 2650H 320D	EXISTING PIECES TO BE REFINISHED WITH NEW LAMINATE EDGING TO MATCH EXISTING. UPPER AND LOWER CABINETS MAY BE TWO PIECES. CONTRACTOR TO DISASSEMBLE CAREFULLY. COUNTER BACKSPLASH TO BE REPLACED. HARDWARE TO BE ATTACHED TO EXISTING WALL. LOCKS TO BE REKEYED AS REQ'D. CONTRACTOR TO REHANG AND REALIGN DOORS. TYP. SINKS TO BE DISCONNECTED AND RECONNECTED WHERE RELOCATED. REFER TO MECH. DWGS FOR SINKS TYP.
90	4	HAIR WASHING CHAIR	Y			EXISTING CHAIRS TO BE RELOCATED OR REPLACED (BY OTHERS)
91	1	YELLOW HAZARDOUS CABINET	Y		1100W 1150H 460D	EXISTING CABINET TO BE RELOCATED.
92	1	FILLER COUNTER TOP	Y		SITE MEASURE	CORNER FILLER COUNTER TOP AND BASE
93	1	FILLER ELECTRICAL CHASE	Y		SITE MEASURE	EXISTING ELECTRICAL CHASE AT DOUBLE SIDED STYLING STATION. CONTRACTOR TO PROVIDE NEW FILLER AS REQUIRED.
94	2	BULLETIN BOARD	Y		610W 1600H	BULLETIN BOARD WITH FRAME. REFER TO INT. ELEVATIONS



3 AD DETAIL - AT TOP OF WALL - TYPICAL FIRE SEPARATION CONSTRUCTION
SCALE: NTS



2 AD DETAIL - DOOR JAMBS
SCALE: 1:50

1 AD DETAIL - TYPICAL WALL BASE CONSTRUCTION
SCALE: NTS

NO.	DESCRIPTION	DATE
1	ADDENDUM NO. 3	26 03 06
2	ISSUED FOR TENDER	26 02 18
3	ISSUED FOR PERMIT	20 02 09
4	DATE	



NOTRE DAME CSS - COSMETOLOGY & CULINARY ARTS INTERIOR RENOVATION

2333 HEADON FOREST DR.
BURLINGTON, ON L7M 3J6

HALTON CATHOLIC DISTRICT SCHOOL BOARD

802 DURURY LANE, (905) 632-6300
BURLINGTON ON L7R 2Y2

SCHEDULES & AD DETAILS

HOSSACK ARCHITECTURE

SCALE: As indicated	PROJECT: 24140B
DATE: 26 02 18	DRAWING: AM
CHECKED: PL	PL: A07
PRINT DATE: 2026-03-04 4:01:40 PM	REVIT FILE: T:\2024\24140\02\Revit\RV1



Notre Dame CSS- Cosmo & Culinary Int. Reno
Project N0. 241140B

SECTION 11 40 00

FOOD SERVICE EQUIPMENT

Addendum - No. FS-2

March 5, 2026

Refer to Foodservice Equipment Drawings and Foodservice Equipment Specifications dated 02-18-2026 Issued for Tender.

Add the following items to the scope of the foodservices contract.

1) Item 18 Barrier Free Hand Sink

Quantity: 1
Size: 559 x 610 x 622 (864 AFF) mm high (22" x 24" x 24 ½" (34" AFF) High
Type: Eagle handicapped accessible hand sink model HSAP-14-ADA FE-B c/w electronic -eye splash mount faucet, with towel dispenser, deck mount soap dispenser, basket drain and required wall brackets.
Alt. Manufacturers: Antonee

2) Item 29 Bradley Hand sink

Quantity: 2
Size: 914 x 660 x 900 mm high (36" x 26" x 39" high)
Type: Bradley Tri Founts model MF29449 - 3 person wash fountain, sensor activated, thermostatic mixing valve. ADA compliant.
Finish: Tereon solid surface- Empire gray
Towel Dispenser: Bobrick B-72974 Automatic roll paper towel dispenser.
Soap dispenser: Bobrick B 2112 liquid wall mount soap dispenser
Note: Mount dispensers at rear wall above sink.

3) Item 61 Eye Wash Station

Quantity: 1
Size: 374 x 355 x 150 high
Type: T & S eye wash wall mount model EW-7360B-TMV c/w thermostatic mixing valve EW-9201EF.
Installation: Mount unit on wall, eyewash nozzles to be 838 mm to 1143 mm above the floor.

Note: Requires a tempered water supply (hot & cold water inlet) ready for plumbing connection by Mechanical Division

4) Item 62 Hand Sink (hands Free)

Quantity: 1
Size: 450 x 360 x 890 mm high (18" x 14" x 2'-10") High
Type: Antonee model HS-1412 c/w Electronic eye for a "Hands Free" hand wash sink c/w SS pedestal base with front access panel.
Faucet: Electronic eye faucet T & S EC-3101.
Accessories: Anti scald valve, temperature adjustment valve, P trap and tail piece

Towel Dispenser: Bobrick B-72974 Automatic roll paper towel dispenser.
Soap dispenser: Bobrick B 2112 liquid wall mount soap dispenser
Note: Mount dispensers at rear wall above sink.
Alternate Manuf: Tarrison equal.

END OF FOODSERVICE ADDENDUM No. FS-2

Halton Catholic District School Board

Notre Dame CSS

STRUCTURAL ADDENDUM No. 1
PROJECT ADDENDUM No. 3

March 6, 2026

The following amendments/clarifications to the Tender Documents are considered to form part of this Tender.

No consideration will be given for extras and/or changes due to the Bidder not being familiar with the contents of this Addendum.

Bidders are to acknowledge this Addendum by signing and enclosing this addendum of this document with their submission.

The following Addendum has been issued to make clarifications, revisions, additions and/or deletions to the various areas of the Request for Tender.

This addendum shall be incorporated in the specifications and drawings and shall form part of the contract documents:

1. AMENDMENTS TO DRAWINGS:

A. Drawing S01:

- a. Added Proposed wall connection to existing wall typical detail at chase wall.
- b. Added masonry notes.

B. Drawing S02:

- a. Removed previously indicated "slab on grade to be removed" at gridline 1-A to 1-D.
- b. Removed previously indicated "proposed slab on grade" at gridline 1-A to 1-D.

2. ATTACHMENTS TO THIS DOCUMENT:

- Drawings S01, and S02.

Sincerely,

Per: JP Campana, P.Eng.
Kalos Engineering Inc.



GENERAL NOTES

- CHECK ALL DIMENSIONS ON THESE DRAWINGS WITH ALL OTHER DRAWINGS, INCLUDING BUT NOT LIMITED TO DRAWINGS PREPARED ARCHITECTURAL, MECHANICAL OR ELECTRICAL CONSULTANTS. REPORT ANY INCONSISTENCIES TO THE ENGINEER PRIOR TO COMMENCING WITH THE WORK. DO NOT SCALE THE DRAWINGS.
- THE DESIGN LIVE LOADS ARE INDICATED ON THE DRAWINGS. CONSTRUCTION LOADS SHALL NOT EXCEED THE DESIGN LOADS.
- THE COMPLETED STRUCTURE IS SHOWN ON THE DRAWINGS. THE CONTRACTOR SHALL PROVIDE ALL TEMPORARY BRACING, SHORING AND ANY OTHER TEMPORARY OR PERMANENT MEASURES AS REQUIRED DURING CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE ALL TEMPORARY SUPPORT OF EXISTING OR ADJACENT STRUCTURES AS REQUIRED. ALL BRACING AND SHORING IS THE RESPONSIBILITY OF THE CONTRACTOR.
- CONSTRUCTION FEATURES NOT FULLY SHOWN ARE COMPATIBLE TO SIMILAR CONSTRUCTION. THE CONTRACTOR SHALL VERIFY THE EXISTING OR ADJACENT STRUCTURES AS REQUIRED. ALL BRACING AND SHORING IS THE RESPONSIBILITY OF THE CONTRACTOR.
- REFER TO OTHER CONSULTANTS DRAWINGS FOR DETAILS OF OPENINGS, FITS, CHAMFERS, DEPRESSIONS NOT INDICATED ON THE STRUCTURAL DRAWINGS.
- ALL CONSTRUCTION SHALL BE IN CONFORMANCE WITH THE LATEST ONTARIO BUILDING CODE, LATEST APPLICABLE REGULATIONS AND GOOD CONSTRUCTION PRACTICES.
- THE STRUCTURAL DRAWINGS SHALL BE READ IN CONJUNCTION WITH ALL OTHER CONTRACT DRAWINGS AND SPECIFICATIONS.
- CLARIFY ANY QUERIES WITH THE ENGINEER REGARDING THE INTERPRETATION OF THE DRAWINGS, PRIOR TO THE COMMENCEMENT OF ANY WORK.
- EXISTING LINTELS AT CULINARY DOORS TO BE PAINTED WITH INTUMESCENT PAINT FOR NEW FRR, REFER TO ARCH DRAWINGS.

SUBMITTALS

- SUBMIT FOR REVIEW BY THE CONSULTANT, DETAILED SHOP DRAWINGS FOR ALL STRUCTURAL WORK INCLUDING BUT NOT LIMITED TO: STRUCTURAL STEEL, AND TEMPORARY SHORING.
- THE SCALE OF THE DRAWINGS SHALL BE SUCH THAT THE DETAILS OF THE STRUCTURAL WORK ARE CLEARLY SHOWN, AND IN NO CASE SMALLER THAN 1/4"=1'-0" (1:50).
- THE STRUCTURAL DRAWINGS SHALL NOT BE REPRODUCED, IN WHOLE OR IN PART, FOR USE AS SHOP DRAWINGS.
- EACH DRAWING SUBMITTED FOR STRUCTURAL STEEL AND TEMPORARY SHORING SHALL BEAR THE SEAL AND SIGNATURE OF A QUALIFIED PROFESSIONAL ENGINEER LICENSED IN THE PROVINCE OF ONTARIO.
- CONTRACTOR SHALL ALLOW FOR A 5 WORKING DAY TURN AROUND TIME FOR STRUCTURAL CONSULTANT TO REVIEW THE SHOP DRAWINGS.

STRUCTURAL STEEL NOTES

- ALL STRUCTURAL STEEL ELEMENTS, INCLUDING DESIGN OF ELEMENTS AND CONNECTIONS SHALL BE IN ACCORDANCE WITH CAN/CSA S16.
- ALL STRUCTURAL STEEL SHALL CONFORM TO CSA G40.21 (300M) EXCEPT W SECTIONS AND PLATES G40.21 (350M), HSS MEMBERS G40.21 (350M) CLASS C OR ASTM A500 GRADE C, ANCHOR BOLTS ASTM A307, COLD FORM SECTIONS ASTM A575 GRADE 350W. UNLESS OTHERWISE NOTED, ALL SECTIONS SHALL BE PRIME PAINTED WITH THE SURFACE PREPARATION AND PAINTING PROCEDURES IN ACCORDANCE WITH CAN/CSA S85.10.
- ALL WELDING SHALL BE CARRIED OUT IN ACCORDANCE WITH CAN/CSA W58. THE STEEL FABRICATOR SHALL BE FULLY QUALIFIED UNDER THE REQUIREMENTS BY THE CANADIAN WELDING BUREAU IN CONFORMANCE WITH CAN/CSA W47.1.
- DESIGN ALL MOMENT AND SHEAR CONNECTIONS FOR THE FULL CAPACITY OF THE SMALLER MEMBER IN THE CONNECTION UNLESS OTHERWISE NOTED.
- PROVIDE MINIMUM BEARING LENGTH OF STEEL MEMBERS AS FOLLOWS:
 - ON MASONRY - 6"
 - ON STEEL - 4"
- THE BASE PLATE AND BEARING PLATE GROUT SHALL BE OF THE CEMENTITIOUS NON-SHRINK TYPE.
- ERECT STRUCTURAL STEEL IN ACCORDANCE WITH CSA S16 AND IN CONFORMANCE WITH THE APPROVED SHOP DRAWINGS.

CONCRETE NOTES

- ALL STRUCTURAL CONCRETE ELEMENTS HAVE BEEN DESIGNED IN ACCORDANCE WITH CSA STANDARD CAN/CSA A23.3. ALL CONCRETE CONSTRUCTION SHALL BE IN ACCORDANCE WITH CSA STANDARD CAN/CSA A23.1.
- MINIMUM CONCRETE STRENGTH AT 28 DAYS SHALL BE:
 - FOOTINGS - 25 MPa TYPE N
 - FOUNDATION WALLS - 25 MPa TYPE F2
 - COLUMNS AND PIERS - 35 MPa TYPE C1
 - RAMP SLAB - 32 MPa TYPE C2
- THE REINFORCING STEEL SHALL CONFORM TO CSA STANDARD G30.18M-09 GRADE 300R FOR STIRRUPS AND TIES AND GRADE 400R FOR ALL OTHER REINFORCING. UNLESS OTHERWISE NOTED, THE REINFORCING LAP LENGTH SHALL BE CLASS B IN SPLICES. ALL REINFORCING HOOKS AND BENDS SHALL BE IN ACCORDANCE WITH A23.1.
- WELDED WIRE FABRIC SHALL BE IN ACCORDANCE WITH CSA C30.5. ALL MESH SHALL BE CHAINED PRIOR TO THE CONCRETE POUR. LIFTING OF THE MESH DURING THE CONCRETE POUR WILL NOT BE PERMITTED. ALL REINFORCING HOOKS AND BENDS SHALL BE IN ACCORDANCE WITH A23.1.
- THE REINFORCING COVER FOR CONCRETE SHALL BE:
 - 3" FOR CONCRETE AGAINST EARTH
 - 1 1/2" FOR FORMED CONCRETE EXPOSED TO EARTH OR WEATHER WHERE THE REINFORCING BAR IS 15M OR SMALLER
 - 2" FOR FORMED CONCRETE EXPOSED TO EARTH OR WEATHER WHERE THE REINFORCING BAR IS 20M OR LARGER
 - 1" FOR INTERIOR CONCRETE. ALL CHAIRS, BOLSTERS, SPACERS AND BAR SUPPORTS SHALL BE IN ACCORDANCE WITH A23.1.
- FOOTINGS SHALL BEAR ON NATIVE UNDISTURBED SOIL WITH A MINIMUM BEARING RESISTANCE OF:
 - 3000 psf (SL5)
 - 4000 psf (SL3)
 THE CONTRACTOR SHALL VERIFY THE CAPACITY PRIOR TO PLACEMENT OF CONCRETE.
- THE LINE OF SLOPE BETWEEN ADJACENT FOOTINGS OR EXCAVATION OR STEP-DOWN FOOTINGS SHALL NOT EXCEED A RISE OF 7 IN A RUN OF 10. STEP HEIGHT SHALL NOT EXCEED 2'-0".
- KEEP EXCAVATIONS DRY BEFORE CONCRETE IS PLACED. REMOVE ALL LOOSE MATERIAL, SOFT SOIL OR WATER PRIOR TO PLACING CONCRETE. PROVIDE A 3" MUD MAT FOR ALL FOOTINGS BELOW THE WATER TABLE.
- ALL FOOTINGS SHALL BE CENTRED ON THE WALL UNLESS OTHERWISE NOTED.
- THE FOOTING DESIGN IS BASED ON INFORMATION AVAILABLE AT THE TIME OF DESIGN. THE FOOTING DESIGN MAY BE ALTERED DURING CONSTRUCTION, IF THE SITE CONDITIONS WARRANT, BUT ONLY WITH THE EXPRESS PERMISSION OF THE ENGINEER.
- SLAB-ON-GRADE CONSTRUCTION SHALL BE CAPABLE OF SUPPORTING 500 lbs/ft² WITHOUT RELATIVE SETTLEMENT.
- PROVIDE DOWELS TO WALLS AND COLUMNS TO SUIT THE REINFORCING IN THE WALL OR COLUMN ABOVE.
- ALL ADHESIVE ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH THE HILTI HIT-HY200 (OR APPROVED EQUAL) PROCEDURES.

LOADING SUMMARY

DESIGN STANDARDS

- ONTARIO BUILDING CODE, 2024, PART 4: STRUCTURAL DESIGN
- CAN/CSA-A23.3-14, DESIGN OF CONCRETE STRUCTURES
- CAN/CSA-A23.1-16, CODE REQUIREMENTS FOR PRECAST CONCRETE STRUCTURES
- CAN/CSA-S304.1-14, MASONRY DESIGN FOR BUILDINGS
- CAN/CSA-S16-19, LIMIT STATES DESIGN OF STEEL STRUCTURES

SNOW, ICE AND RAIN LOADS

APPLIED PER CODE - PART 4, SECTION 4.1.6

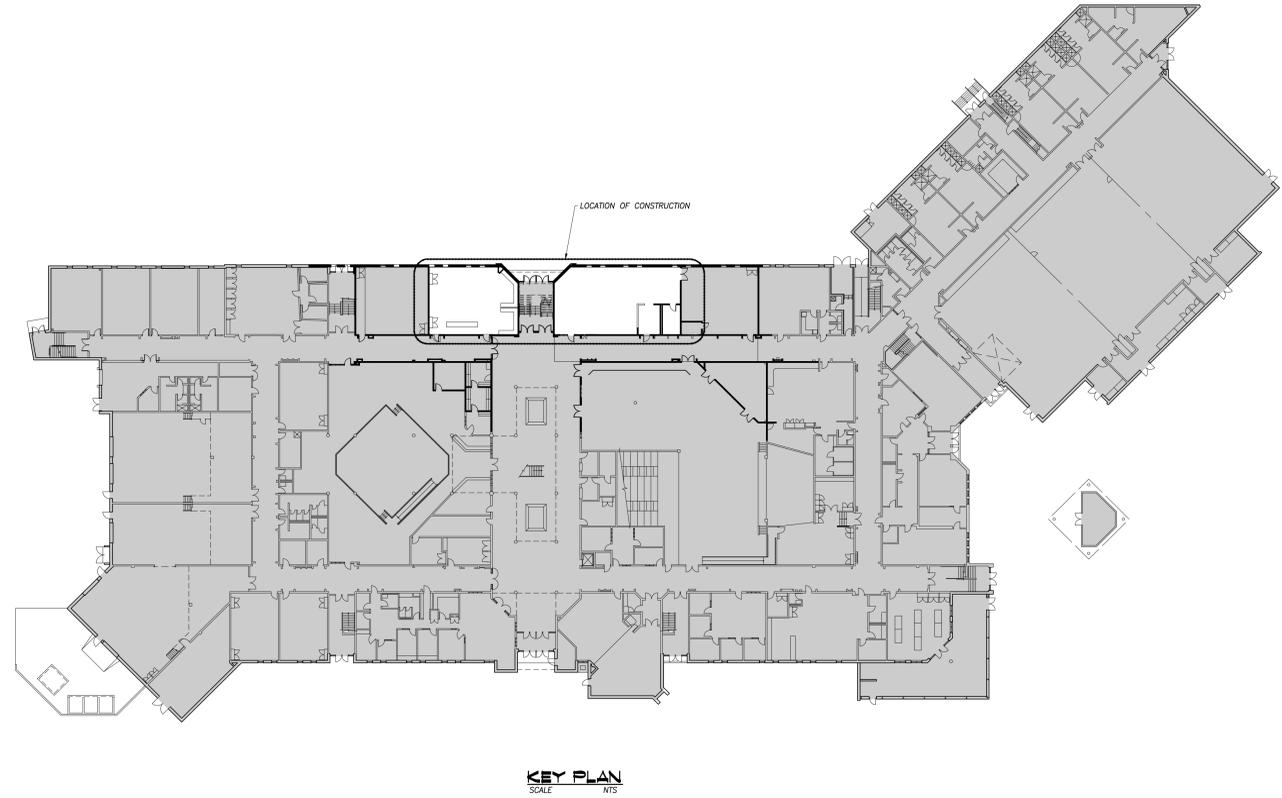
IMPORTANCE FACTOR, <i>I_s</i>	0.9 (SL5)	1.15 (ULS)
GROUND SNOW LOAD, <i>S_g</i>	1.4 kPa (29.24 PSF)	
ASSOCIATED RAIN LOAD, <i>S_r</i>	0.4 kPa (8.4 PSF)	
WIND EXPOSURE FACTOR, <i>C_w</i>	1.0	
ROOF SNOW LOAD, <i>S_s</i>	1.78 kPa (36.5 PSF)	
DRIFT LOADS PER CLAUSE 4.1.6.2.8		
SLOPE FACTORS PER CLAUSE 4.1.6.2.(5) TO (7)		

ROOF LOADS

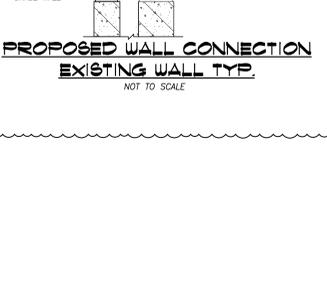
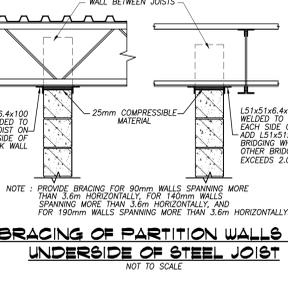
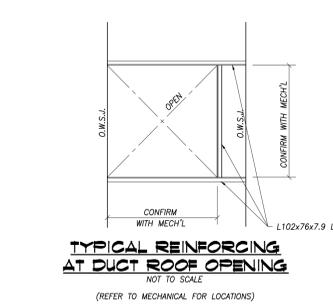
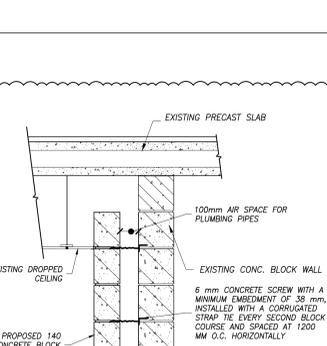
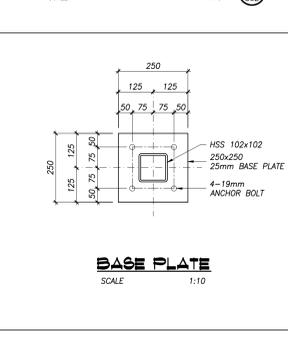
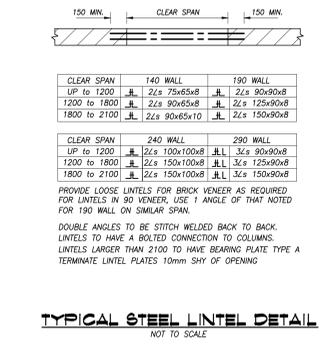
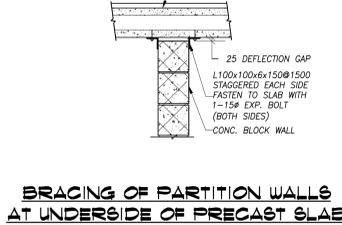
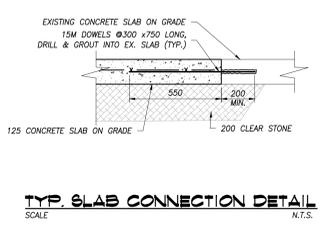
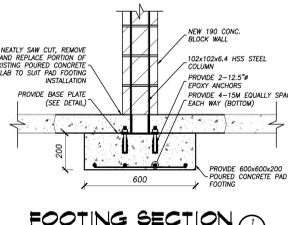
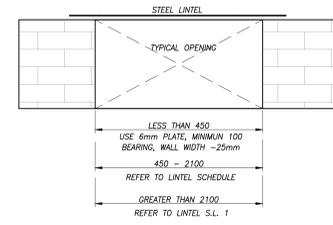
DEAD LOAD:	1.35 kPa
SNOW LOAD:	1.75 kPa + SPU

MASONRY NOTES

- ALL STRUCTURAL ELEMENTS HAVE BEEN DESIGNED IN ACCORDANCE WITH CSA STANDARD S304.1. ALL MASONRY CONSTRUCTION SHALL BE IN ACCORDANCE WITH CSA STANDARD A371. ALL MASONRY CONNECTORS, REINFORCING AND TYPING SHALL BE IN ACCORDANCE WITH CSA A370. ALL MORTAR AND GROUT SHALL BE IN ACCORDANCE WITH A179.
- ALL CONCRETE BLOCKS SHALL BE NORMAL WEIGHT TYPE 1/15/A/M UNLESS OTHERWISE NOTED. MORTAR SHALL BE TYPE S FOR LOADBEARING AND TYPE N FOR NON-LOADBEARING.
- VERTICAL CONTROL JOINTS SHALL BE PROVIDED AT A MAXIMUM SPACING OF 20'-0". REFER TO ARCHITECTURAL DRAWING FOR DETAILS AND LOCATIONS.
- TRIM ALL OPENINGS WITH 2-15M BARS.
- GROUT SHALL CONSIST OF ON ONE PART PORTLAND CEMENT, THREE PARTS SAND (MAXIMUM AGGREGATE SIZE SHALL BE 3/4" WITH WATER TO PROVIDE A MINIMUM 10MPa COMPRESSIVE STRENGTH AT 28 DAYS. SLUMP SHALL BE 8" TO 10".
- ALL CELLS CONTAINING REINFORCING SHALL BE GROUTED SOLID. TWO BLOCK COURSES BELOW BEARING PLATES SHALL BE GROUTED SOLID.
- THE MASONRY SHALL BE CONSTRUCTED EVENLY WITH MAXIMUM LIFTS OF 1200 PER DAY. DO NOT TOOTH AND BOND OR STACK BOND MASONRY. RAISE BACK ENDS OF UNFINISHED WALLS.
- ALL MORTAR JOINTS SHALL BE TOOLED (CONCAVE). A MINIMUM BED JOINT OF 1/4" IS REQUIRED FOR THE STARTING COURSE TO A MAXIMUM OF 3/4". THE BED JOINTS SHALL BE 3/4".
- PROVIDE VERTICAL AND HORIZONTAL REINFORCING AS FOLLOWS UNLESS NOTED OTHERWISE ON THE DRAWINGS:
 - 8" CONCRETE BLOCK - 15M VERTICAL AT 32" O.C. & HEAVY DUTY TRUSS TYPE HORIZONTAL REINFORCING EVERY SECOND COURSE.
 - 1" FOR INTERIOR CONCRETE. ALL CHAIRS, BOLSTERS, SPACERS AND BAR SUPPORTS SHALL BE IN ACCORDANCE WITH A23.1.
- DO NOT EXTEND HORIZONTAL REINFORCING THROUGH CONTROL JOINTS UNLESS OTHERWISE NOTED.
- PROVIDE A STEEL LINTEL OVER ALL OPENINGS OR RECESSES INCLUDING OPENINGS FOR MECHANICAL AND ELECTRICAL COMPONENTS. ALL EXTERIOR LINTELS TO BE HOT DIP GALVANIZED.
- BUILD THE MASONRY SOLID AROUND ALL BEAM LINTEL AND JOIST POCKETS. INSTALL BEARING PLATES AT THE SPECIFIED ELEVATION AND GROUT THE PLATE INTO THE WALL A MINIMUM OF 16".
- PROVIDE TEMPORARY BRACING AS REQUIRED TO SUPPORT THE MASONRY WALLS IN CONSTRUCTION. PROTECT THE MASONRY WALLS FROM THE ELEMENTS AT ALL TIMES EXCEPT DURING CONSTRUCTION PROGRESS.



KEY PLAN
SCALE: NTS



NO.	DESCRIPTION	DATE
3	ISSUED FOR STRUCTURAL ADDENDUM #1	2024/03/09
2	ISSUED FOR TENDER	2024/02/10
1	ISSUED FOR PERMIT	2024/02/09

DRAWINGS ARE NOT TO BE SCALED. CONTRACTOR MUST CHECK AND VERIFY ALL DIMENSIONS AND CONDITIONS ON THE PROJECT, AND MUST REPORT ANY DISCREPANCIES TO THE CONSULTANTS BEFORE PROCEEDING WITH THE WORK. THE USE OF THIS DRAWING OR PART THEREOF IS FORBIDDEN WITHOUT THE WRITTEN APPROVAL OF THE CONSULTANTS.

KALOS
Engineering Inc.

PROJECT #2421
302 YORK BOULEVARD
4TH FLOOR
HALTOW, ONTARIO
M2H 3P1

**NOTRE DAME CSS -
COSMETOLOGY &
CULINARY ARTS
INTERIOR RENOVATION**

2333 HEADON FOREST DR.
BURLINGTON, ON L7M 3X6

HALTON CATHOLIC DISTRICT SCHOOL BOARD

822 DUNDAS ST. W.
BURLINGTON ON L7R 2Y2

(905) 632-6300
Abraham@hcdsb.org

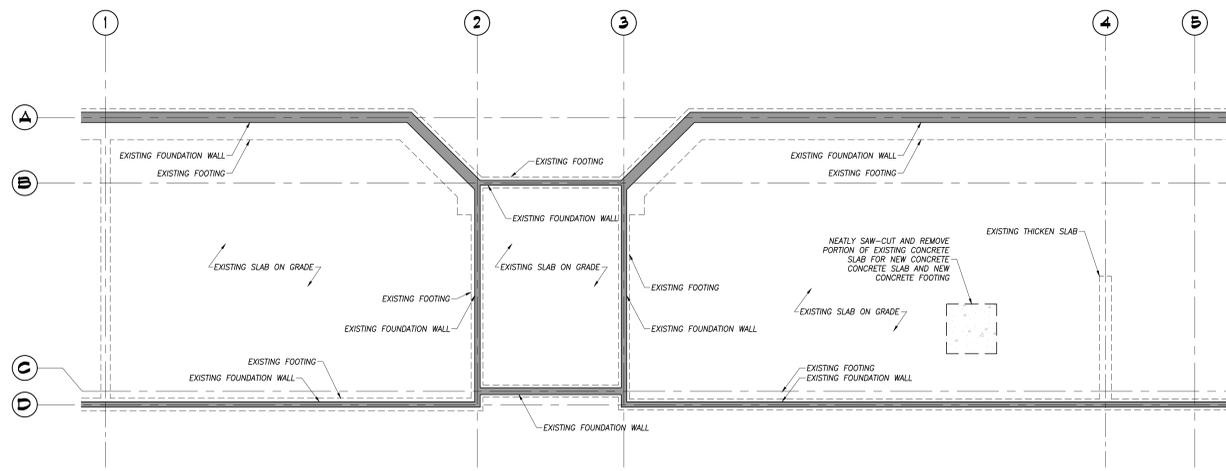
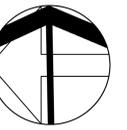
**GENERAL NOTES +
TYPICAL DETAILS**

HOSSACK & ASSOCIATES ARCHITECTS

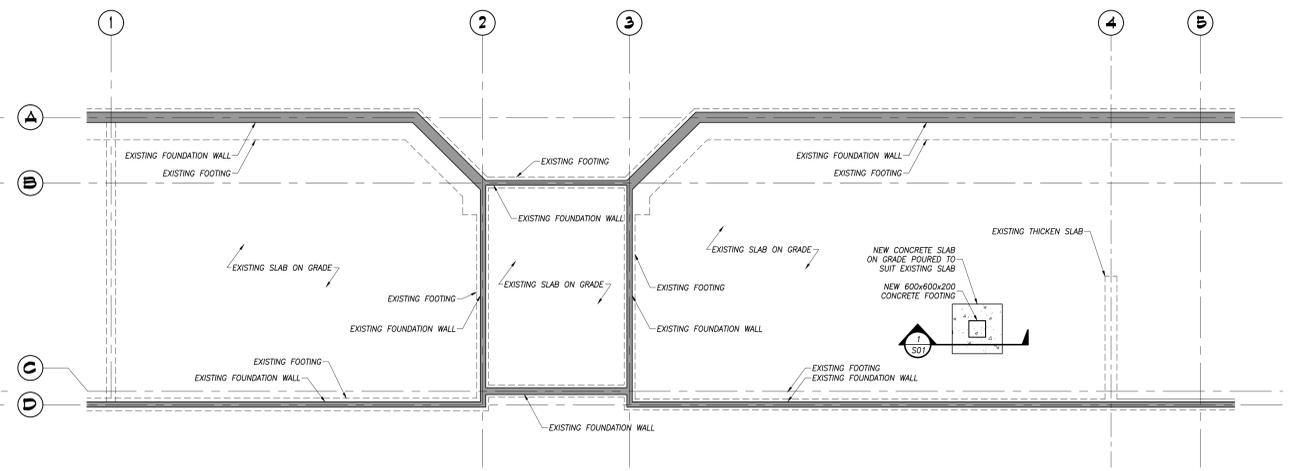
2135 DUNDAS STREET
MISSISSAUGA, ONTARIO L5L 6M8
Tel: (905) 896-2244 Fax: (905) 897-8396

SCALE	AS NOTED	PROJECT	25199
DATE	MAR 2024	DRAWING	S01
DRAWN	FS	CHECKED	JPC
PRINT DATE	DEC 23, 2025	FILE	

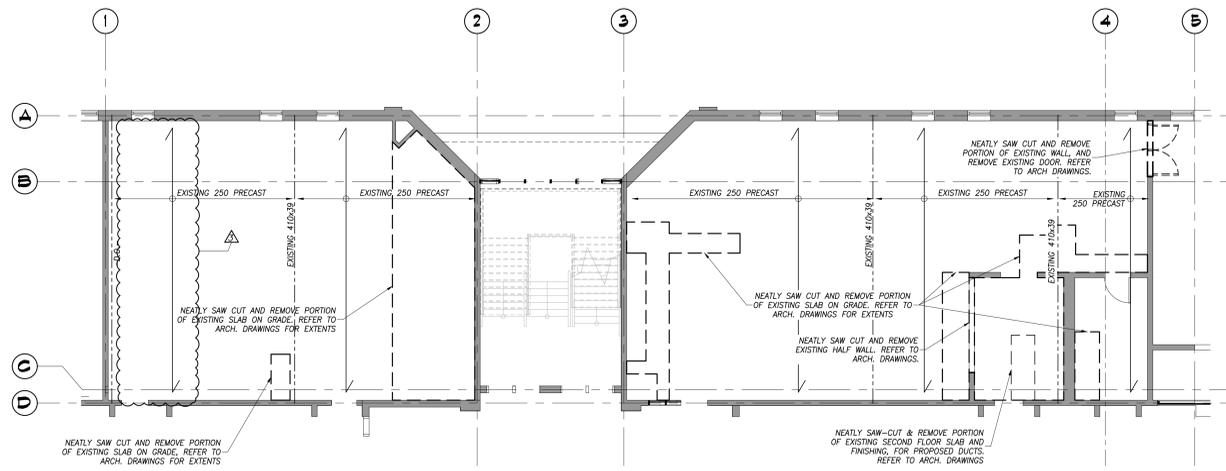
NOTE:
STRUCTURAL INFORMATION WAS REFERENCED FROM EXISTING DRAWINGS
PREPARED BY MICHAEL TORSENEY ARCHITECTS INC., DATED OCT 29 1988.



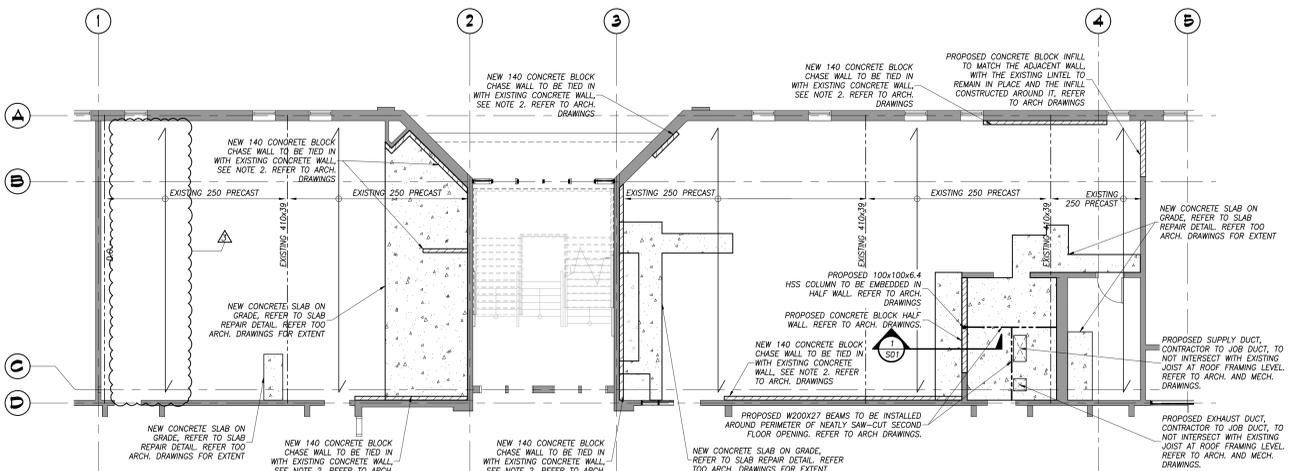
PARTIAL FOUNDATION PLAN - DEMOLITION
SCALE 1:100



PARTIAL FOUNDATION PLAN - PROPOSED
SCALE 1:100



PARTIAL SECOND FLOOR FRAMING PLAN - DEMOLITION
SCALE 1:100



PARTIAL SECOND FLOOR FRAMING PLAN - PROPOSED
SCALE 1:100

NOTE:
1. EXISTING LINTELS AT CULINARY DOORS TO BE PAINTED WITH INTUMESCENT PAINT FOR NEW FIRE. REFER TO ARCH. DRAWINGS.
2. 6mm CONC. SCREW MIN 38 EMBEDMENT, WITH CORRUGATED STRAP TIE EVERY SECOND BLOCK COURSE.

NO.	DESCRIPTION	DATE
3	ISSUED FOR STRUCTURAL ADDENDUM #1	2024/03/08
2	ISSUED FOR TENDER	2024/02/19
1	ISSUED FOR PERMIT	2024/02/09
0	DESCRIPTION	DATE

DRAWINGS ARE NOT TO BE SCALED. CONTRACTOR MUST CHECK AND VERIFY ALL DIMENSIONS AND CONDITIONS ON THE PROJECT, AND MUST REPORT ANY DISCREPANCIES TO THE CONSULTANTS BEFORE PROCEEDING WITH THE WORK. THE USE OF THIS DRAWING OR PART THEREOF IS FORBIDDEN WITHOUT THE WRITTEN APPROVAL OF THE CONSULTANTS.



PROJECT #24021
300 YORK BOULEVARD
L6M 3M9

HALTON, ONTARIO
905-531-1119

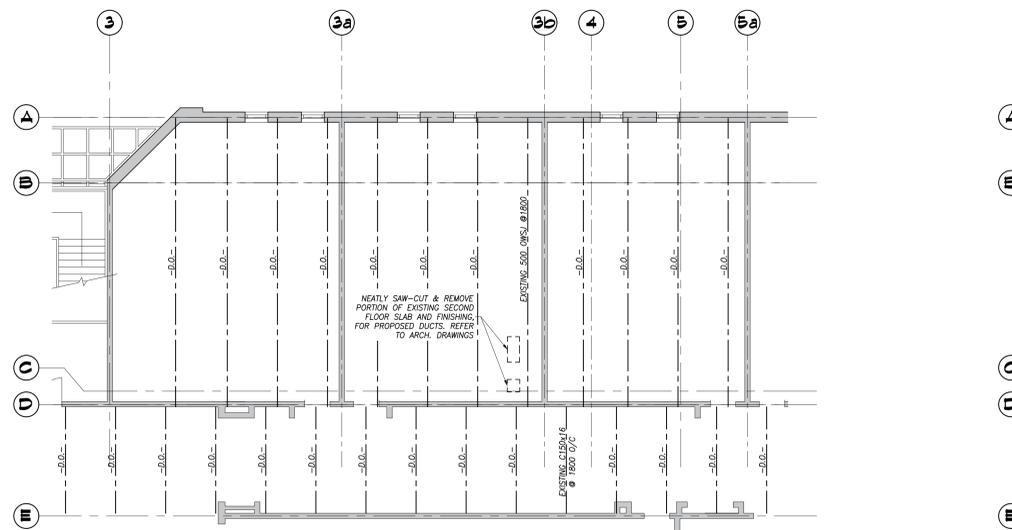
NOTRE DAME CSS -
COSMETOLOGY &
CULINARY ARTS
INTERIOR RENOVATION

2333 HEADON FOREST DR.
BURLINGTON, ON L7M 3X6

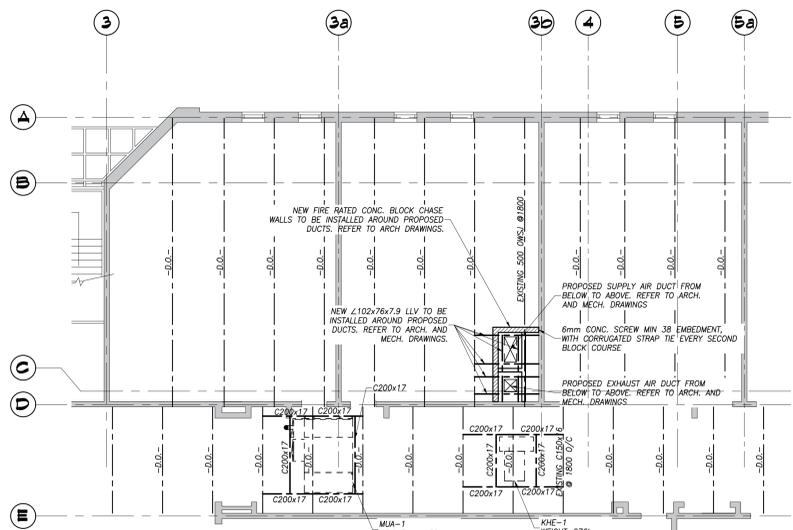


802 DURLBY LANE
BURLINGTON ON L7R 2Y2

(905) 632-6300
Abrahams@hcdsb.org



PARTIAL ROOF FLOOR FRAMING PLAN - DEMOLITION
SCALE 1:100



PARTIAL ROOF FLOOR FRAMING PLAN - PROPOSED
SCALE 1:100

GENERAL NOTES +
TYPICAL DETAILS

HOSSACK
& ASSOCIATES
ARCHITECTS



2145 DUNDAS STREET
WEST, SUITE 100
TORONTO, ONTARIO M5G 1S6
Tel: (416) 593-8344 Fax: (416) 593-8346

SCALE	PROJECT
AS NOTED	25199
DATE MAR 2024	DRAWING
DRAWN FS	
CHECKED JPC	S02
PRINT DATE	DEC 23, 2025
FILE	

NOTE:
STRUCTURAL INFORMATION WAS REFERENCED FROM EXISTING DRAWINGS
PREPARED BY MICHAEL TORSEMY ARCHITECTS INC., DATED OCT 29 1988.

MECHANICAL ADDENDUM M-02

The logo for RDZ ENG, consisting of the letters 'RDZ' stacked above 'ENG' in a white, sans-serif font, set against a dark blue square background.

Project Name: HCDSB Notre Dame CSS Date: March 6, 2026
Cosmo & Culinary Interior Renovation
Project Address: 2333 Headon Forest Dr.,
Burlington, ON L7M 3X6
Project No.: 25192

Mechanical Addendum M-02

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. DRAWINGS

1.1. M1.0: DRAWING LIST, SYMBOL LIST, NOTES, SCHEDULES, DETAILS

.1 Grease trap sizing and specification updated to be 75 GPM.

1.2. M2.2: GROUND FLOOR & SECOND FLOOR DEMOLITION - PLUMBING & FIRE PROTECTION

.1 Existing DCW & hose bibb to remain. Existing double bowl sinks to be removed in lieu of being relocated.

1.3. M5.1: EQUIPMENT SCHEDULES

.1 Schedule of Grease Interceptor revised.

2. SPECIFICATIONS

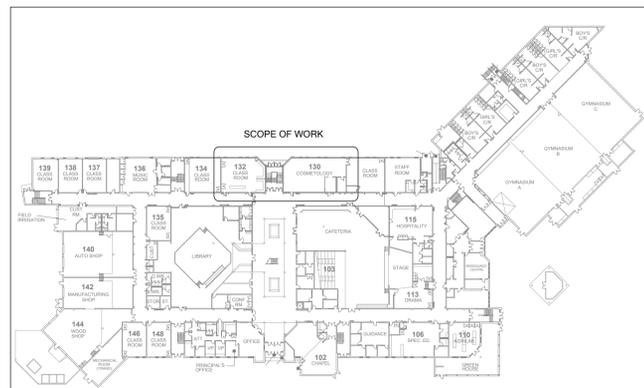
2.1. 22 42 00 PLUMBING FIXTURES & FITTINGS

.1 Fixture S-2 revised to include new double bowl sinks.

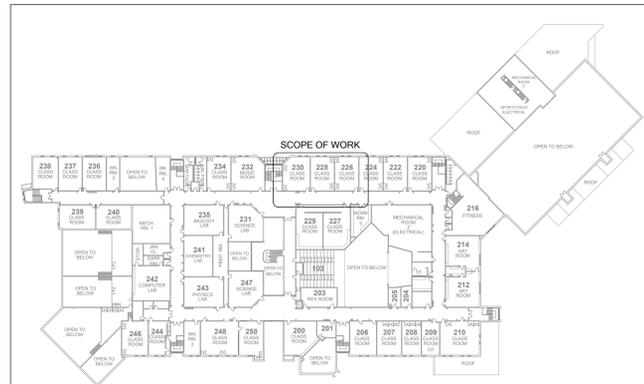
3. ATTACHMENTS

- .1 M1.0: Drawing list, Symbol List, Notes, Schedules, Details
- .2 M2.2: Ground Floor & Second Floor Demolition - Plumbing & Fire Protection
- .3 M5.1: Equipment Schedules
- .4 22 42 00 Plumbing Fixtures & Fittings

End of Mechanical Addendum M-02



1 GROUND FLOOR KEY PLAN
M1.0 Scale: 1:1000



2 SECOND FLOOR KEY PLAN
M1.0 Scale: 1:1000

GENERAL NOTES

- CONTRACTOR SHALL VISIT SITE PRIOR TO SUBMITTING BID TO VERIFY EXISTING CONDITIONS AND TO CONFIRM THAT EQUIPMENT AND SERVICES CAN BE INSTALLED AS INDICATED ON THE DRAWINGS. CONTRACTOR TO INCLUDE FOR ALL COSTS ASSOCIATED TO FACILITATE INSTALLATION. IT IS THE CONTRACTORS RESPONSIBILITY TO NOTIFY THE ENGINEERS OF ANY DISCREPANCIES, OMISSIONS, AND INTERFERENCES.
- ENSURE THAT ALL NEW AND EXISTING EQUIPMENT REQUIRING MAINTENANCE IS ACCESSIBLE AND THAT ACCESS REQUIREMENTS ARE NOT OBSTRUCTED BY NEW OR EXISTING SERVICES. PROVIDE ACCESS DOORS/PANELS TO MATCH BASE BUILDING STANDARDS WHERE REQUIRED.
- PROVIDE ALL REQUIRED SCANNING, CORING/CUTTING AND PATCHING TO PERFORM THE SCOPE OF WORK AS OUTLINED IN THE DRAWINGS.
- WHERE INDICATED ON DRAWINGS, DISCONNECT AND REMOVE EXISTING MECHANICAL WORK, INCLUDING HANGERS, SUPPORTS, INSULATION, ETC. DISCONNECT AT POINT OF SUPPLY, REMOVE OBSOLETE CONNECTING SERVICES AND MAKE SYSTEM SAFE. CUT BACK OBSOLETE PIPING BEHIND FINISHES AND CAP WATER-TIGHT UNLESS OTHERWISE SPECIFIED.
- CONTRACTOR IS TO BE RESPONSIBLE FOR THE REMOVAL AND DISPOSAL OF ALL PIPING, DUCTWORK AND EQUIPMENT, AS SHOWN ON THE DEMOLITION PLAN.
- INSULATE ALL NEW PIPING, DUCTWORK AND ANY EXISTING PIPING AND DUCTWORK WHERE INSULATION HAS BEEN REMOVED OR DAMAGED BY THIS WORK. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENT.
- WHERE EXISTING MECHANICAL SERVICES EXTEND THROUGH, OR ARE IN AN AREA TO SERVE ITEMS WHICH ARE TO REMAIN, MAINTAIN SERVICES IN OPERATION, REPORT ANY DISCREPANCIES TO CONSULTANT PRIOR TO REMOVAL OF SERVICES.
- WHERE CONNECTING TO EXISTING SERVICES, CONTRACTOR TO MATCH ALL EXISTING PIPE/DUCT SIZES AND PROVIDE TRANSITIONS WHERE REQUIRED.
- NOT ALL EQUIPMENT CONNECTIONS ARE SHOWN. REFER TO MANUFACTURERS LITERATURE FOR ALL PIPING AND DUCTWORK CONNECTIONS.
- NEW DIGITAL/ELECTRONIC CONTROLS TO BE COMPATIBLE WITH EXISTING BAS ON SITE.
- CONTRACTOR TO FLUSH AND CLEAN ALL NEW WORK THOROUGHLY TO WHERE THE SYSTEMS CAN BE ISOLATED FOR THIS WORK AS PER THE SPECIFICATIONS PRIOR TO TIE IN TO THE EXISTING WORK/EQUIPMENT.
- ALL HVAC PIPING TO AND INCLUDING 50MMØ (2") SHALL BE SCREWED, PIPING 65MMØ (2.5") AND OVER SHALL BE WELDED. REFER TO SPECIFICATIONS FOR DETAILS.
- CONTRACTOR TO REVIEW GROUNDING AND PIPING SUPPORTS FOR EXISTING GAS PIPING. PROVIDE NEW AS REQUIRED TO MEET CURRENT CODE REQUIREMENT.
- APPLY FOR, OBTAIN, AND PAY FOR ALL PERMITS, FEES AND SERVICE CONNECTIONS FOR THE WORK AND THE INSPECTIONS REQUIRED BY AUTHORITIES HAVING JURISDICTION IN THE AREA WHERE THE WORK WILL TAKE PLACE, INCLUDING TSSA AND ESA. HAVE THE WORK INSPECTED AND CERTIFIED BY FS (FUEL SAFETY REG.) BRANCH OF TSSA.
- CONTRACTOR TO PROVIDE FIRESTOP FOR ALL EXISTING PIPE AND DUCT PENETRATIONS THROUGH FIRE RATED WALL WHERE MISSING IN BOILER ROOM AND FAN ROOMS AS PER SPECIFICATIONS.
- COORDINATE ALL TEMPORARY SHUT DOWNS WITH THE SCHOOL BOARD. PROVIDE ISOLATION VALVES AS REQUIRED.
- SURVEY ALL AFFILIATED WORK AREAS AND REPORT ANOMALIES AND DISCREPANCIES TO CONSULTANT.
- PIPE FREEZING MAY BE USED TO CONNECT NEW PIPING TO EXISTING WITHOUT DRAINING EXISTING PIPING.
- CONTRACTOR TO NOTIFY ENGINEER PRIOR TO THE INSTALLATION OF ANY WALLS AND/OR CEILINGS, OR THE BACKFILL OF ANY DRAINAGE TRENCHES THAT WILL CONCEAL MECHANICAL SERVICES TO SCHEDULE AN INSPECTION. CONTRACTOR TO NOTIFY ENGINEER A MINIMUM OF 3 BUSINESS DAYS IN ADVANCE TO SCHEDULE THE INSPECTION.

FIRE PROTECTION GENERAL NOTES

- SPRINKLER CONTRACTOR SHALL VISIT THE SITE PRIOR TO SUBMITTING BID TO VERIFY EXISTING CONDITIONS AND TO CONFIRM THAT EQUIPMENT AND SERVICES CAN BE INSTALLED AS INDICATED ON THE DRAWINGS. CONTRACTOR TO INCLUDE FOR ALL COSTS ASSOCIATED TO FACILITATE INSTALLATION. IT IS THE CONTRACTORS RESPONSIBILITY TO NOTIFY THE ENGINEERS OF ANY DISCREPANCIES, OMISSIONS, AND INTERFERENCES.
- ALL FIRE PROTECTION (SPRINKLER) SYSTEMS ARE TO BE HYDRAULICALLY CALCULATED, DESIGNED, AND SEALED BY A PROFESSIONAL ENGINEER BY THE FIRE PROTECTION CONTRACTOR, IN ACCORDANCE WITH NFPA 10, 13, & 14, ONTARIO BUILDING CODE AND FIRE CODE, AND AS PER THE REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION, INCLUDE 10% HYDRAULIC SAFETY FACTOR.
- CONTRACTOR TO SUBMIT HYDRAULIC CALCULATIONS AND SPRINKLER DRAWINGS TO CONSULTANT FOR REVIEW AS A SHOP DRAWING AT THE START OF CONSTRUCTION.
- PROVIDE ALL REQUIRED CLOSEOUT DOCUMENTS TO ENGINEER FOR REVIEW AND RECORD, INCLUDING SPRINKLER TEST CERTIFICATE, NFPA CONFORMANCE LETTER STAMPED BY A PROFESSIONAL ENGINEER, ETC.
- REFER TO ARCHITECTURAL, INTERIOR DESIGN, MECHANICAL, ELECTRICAL, STRUCTURAL, ETC. DRAWINGS FOR ALL WALL AND STRUCTURE LOCATIONS AND REFLECTED CEILING PLANS FOR TYPES OF CEILINGS, LOCATIONS OF BULKHEADS, STRUCTURAL ELEMENTS, DUCTS, PIPES, LIGHTS, CEILING FIXTURES, AND OTHER SPECIAL FEATURE DETAILS.
- PROVIDE SPRINKLER PROTECTION BELOW ALL OBSTRUCTIONS OVER 1.2m (4FT) WIDE INCLUDING DUCTS, MECHANICAL PLATFORMS, EQUIPMENT, ETC.
- COORDINATE SPRINKLER HEAD LAYOUT AND PIPING WITH ALL OTHER TRADES ON SITE.
- IN GENERAL, PROVIDE SPRINKLER HEADS CENTERED ON CEILING TILES.
- FIRE PROTECTION HEADS, PIPING AND ZONING ARE SHOWN FOR GENERAL COORDINATION ONLY. COORDINATE ACTUAL PIPING INSTALLATION WITH ALL TRADES AND CONSTRUCTION ASSEMBLIES FOR INTERFERENCES AND OBSTRUCTIONS.
- COORDINATE AND SUPPLY ALL ACCESS DOORS FOR VALVES AND EQUIPMENT ACCESS. COORDINATE FINAL LOCATION WITH THE REFLECTED CEILING PLAN AND INTERIOR DESIGNER.
- PROVIDE FIRE EXTINGUISHERS AS REQUIRED ACCORDING TO THE ONTARIO FIRE CODE AND AUTHORITY HAVING JURISDICTION.
- SPRINKLER CONTRACTOR TO REVIEW THE AREA OF WORK AND INCLUDE FOR THE REMOVAL OF ALL 12"Ø AND 3/4"Ø BRANCH PIPING AND REPLACING WITH BRANCH PIPING SIZED ACCORDING TO NFPA 13 REQUIREMENTS. ALL PIPING TO BE MINIMUM 1"Ø EXCEPT AS PERMITTED IN CHAP. 8.15 OF NFPA 13
- AT PROJECT COMPLETION AND PRIOR TO CLOSEOUT, SUBMIT NFPA CONFORMANCE LETTER STAMPED BY A PROFESSIONAL ENGINEER.
- SPRINKLER CONTRACTOR TO INCLUDE IN PRICING FOR THE REMOVAL OF ADDITIONAL FIVE (5) EXISTING HEADS AND ASSOCIATED PIPING, PLUS THE INSTALLATION OF ADDITIONAL FIVE (5) NEW HEADS C/W TEN (10) FEET OF PIPING, FOUR (4) ELBOWS, AND ASSOCIATED HANGERS, ETC. FOR EACH OF THE FIVE NEW HEADS.

MECHANICAL DRAWING LIST

DRAWING NO.	DRAWING NAME
M1.0	DRAWING LIST, SYMBOL LIST, NOTES, SCHEDULES, DETAILS
M2.1	GROUND & SECOND FLOOR DEMOLITION - HVAC
M2.2	GROUND & SECOND FLOOR DEMOLITION - PLUMBING & FIRE PROTECTION
M3.1	GROUND & SECOND FLOOR NEW WORK - HVAC
M3.2	GROUND FLOOR NEW WORK - PLUMBING
M3.3	GROUND & SECOND FLOOR DEMOLITION & NEW WORK - FIRE PROTECTION
M3.4	PARTIAL MECHANICAL ROOM FLOOR PLANS & ROOF PLAN
M3.5	ROOF PLAN NEW WORK - PLUMBING
M4.1	CONTROLS DIAGRAMS
M5.1	EQUIPMENT SCHEDULES
M6.1	DETAILS 1
M6.2	DETAILS 2
M6.3	DETAILS 3

GREASE TRAP (G1-1) SIZING & SPECIFICATION

(OBC 7.4.4.3.(8))

TRIPLE COMPARTMENT SINK
 SIZE: 18" x 24" x 15" DEEP x3 BOWLS
 VOLUME: 19440 CU.IN. (84 USG)

TRIPLE COMPARTMENT RINSE SINK FLOW RATE
 $84 \text{ USG} \times 0.75 / 120 \text{ SEC} = 31 \text{ GPM}$

DISHWASHER = 15 GPM

SOILED DISH TABLE SINGLE COMPARTMENT SINK
 SIZE: 24" x 24" x 12" DEEP
 VOLUME: 6912 CU.IN. (30 USG)

VEGETABLE SINK FLOW RATE
 $30 \text{ USG} \times 0.75 / 120 \text{ SEC} = 11 \text{ GPM}$

TOTAL = 57 GPM

WATTS GREASE TRAP WD-175, 75 GPM, 150 LBS GREASE CAPACITY

PLUMBING GENERAL NOTES

- DOMESTIC WATER PIPING SHALL BE TYPE "L" COPPER PIPING CERTIFIED TO ASTM B42, PRESSURE TEST ALL JOINTS IN ACCORDANCE WITH LOCAL CODES PRIOR TO APPLYING INSULATION. INSULATION SHALL BE EQUAL TO JOHNS-MANVILLE "MICRO LOK", RIGID, MOULDED, SECTIONAL FIBERGLASS PIPE INSULATION. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- ALL SANITARY DRAINS AND MAIN VENT STACKS SHALL BE CAST IRON (DWV) TO CAN/CSA B70. HARD TEMPERED COPPER (DWV) PERMITTED FOR SANITARY DRAINAGE PIPING UNDER 3". PVC DRAINAGE PIPING IS NOT PERMITTED UNLESS SPECIFICALLY NOTED IN THE DRAWINGS AND SPECIFICATIONS.
- UNDERGROUND DRAINAGE PIPING SHALL BE PVC DR35 RIGID SEWER PIPING. REFER TO SPECIFICATIONS FOR ADDITIONAL INFO.
- PROVIDE BACKFLOW PREVENTORS TO ALL EQUIPMENT CONNECTIONS COMPLETE WITH DRAIN TO NEAREST HUB DRAIN. MOUNT BACKFLOW PREVENTORS IN ACCESSIBLE LOCATION A.F.F.
- PROVIDE TRAP SEAL PRIMER AND VENT FOR ALL FLOOR DRAINS AND HUB DRAINS.
- PROVIDE A MINIMUM CLEARANCE OF 2" AROUND ALL PIPES (INCLUDING INSULATION) THROUGH A PIPE SLEEVE. COORDINATE SIZING AND LOCATIONS WITH STRUCTURAL ENGINEER AND GENERAL TRADES.
- INCLUDE FOR ALL PIPING TESTING DURING INSTALLATION AS PER LOCAL CODES, INCLUDING BALL TESTS, PRESSURE TESTS, ETC.
- SUBMIT AS-BUILT DRAWINGS TO CONSULTANT OF ALL UNDERGROUND DRAINAGE AND VENT PIPING AT THE COMPLETION OF THE UNDERGROUND PIPING INSTALLATION.

CONTROLS

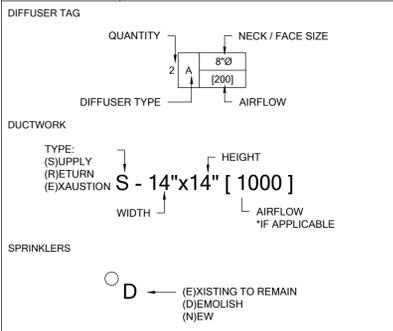
SYMBOL	DESCRIPTION
	FAN
	GRILLE (SUPPLY / RETURN / EXHAUST)
	MOTORIZED DAMPER
	CONTROL VALVE (2-WAY & 3-WAY)
	SENSORS (AIR OR WATER) (TEMPERATURE / HUMIDITY / CARBON DIOXIDE)
	CONTROL WIRING
(AI)	ANALOG INPUT
(AO)	ANALOG OUTPUT
(DI)	DIGITAL INPUT
(DO)	DIGITAL OUTPUT

DEMOLITION LEGEND

SYMBOL	DESCRIPTION
E	EXISTING TO REMAIN
D	DEMOLISH, REMOVE AND DISPOSE OF EQUIPMENT, DUCTWORK, SERVICES, ETC.
R	RELOCATE ITEM
	EXISTING TO REMAIN
	DEMOLISH OR RELOCATE
	NEW

TAGS

SYMBOL	DESCRIPTION
	EQUIPMENT TAG
	AIRFLOW DIRECTION
CTE	CONNECT TO EXISTING
(###)	FLOW IN L/S



DUCTWORK

SYMBOL	DESCRIPTION
	SUPPLY AIR DUCT UP & DOWN
	RETURN / EXHAUST AIR DUCT UP & DOWN
	ROUND DUCT UP & DOWN
	SQUARE ELBOW WITH TURNING VANES
	DUCTWORK FLEXIBLE CONNECTION
	EXTERNALLY INSULATED DUCTWORK (REFER TO SPECIFICATIONS FOR THICKNESS)
	DUCT CONTINUATION (ROUND & RECTANGULAR)
	SUPPLY AIR DIFFUSER C/W FLEX DUCT & SPIN ON CONNECTION WITH BALANCING DAMPER
	SUPPLY / RETURN GRILLE
	RETURN / EXHAUST GRILLE
FD	FIRE DAMPER
SD	SMOKE DAMPER
	TEMPERATURE SENSOR
	SWITCH
	OCCUPANCY SENSOR
	VOC SENSOR
	CONTROL WIRING

MECHANICAL PIPING

SYMBOL	DESCRIPTION
	PIPE DOWN
	PIPE UP
	PIPE UP & DOWN
	VALVE
	BALANCING VALVE
	CHECK VALVE
	STRAINER
	PRESSURE REDUCING VALVE
	ELECTRONIC CONTROL VALVE (2-WAY & 3-WAY)
	PIPE CONTINUATION
CD	CONDENSATE DRAINAGE PIPING
G	NATURAL GAS PIPING
	FLOW DIRECTION
CAP	CAPPED PIPE

PLUMBING AND DRAINAGE

SYMBOL	DESCRIPTION
	P-TRAP
	CLEAN OUT (FLOOR & CEILING)
FD	ROUND FLOOR DRAIN
HD	HUB DRAIN
	PIPE WYE CONNECTION
	PIPE ELBOW
	PIPE TEE
	DOMESTIC COLD WATER (DCW) PIPING
	DOMESTIC HOT WATER (DHW) PIPING
SAN	SANITARY DRAINAGE (SAN) PIPING
	VENT PIPING
	DOMESTIC HOT WATER RECIRC. (DHWRC) PIPING

FIRE PROTECTION

SYMBOL	DESCRIPTION
	SEMI RECESSED SPRINKLER HEAD
	FIRE EXTINGUISHER C/W WALL BRACKET

NO.	DESCRIPTION	DATE
3	ISSUED FOR ADDENDUM M.02	26 03 06
2	ISSUED FOR TENDER	26 02 18
1	ISSUED FOR BUILDING PERMIT	26 02 06

DRAWINGS ARE NOT TO BE SCALED. CONTRACTOR MUST CHECK AND VERIFY ALL DIMENSIONS AND CONDITIONS ON THE PROJECT, AND MUST REPORT ANY DISCREPANCIES TO THE CONSULTANT BEFORE PROCEEDING WITH THE WORK. THE USE OF THIS DRAWING OR PART THEREOF IS FORBIDDEN WITHOUT THE WRITTEN APPROVAL OF THE CONSULTANTS.

PRELIMINARY
NOT FOR CONSTRUCTION

CERTIFICATE OF PRACTICE #4292

NOTRE DAME CSS -
COSMO & CULINARY
INTERIOR RENOVATION

2333 HEADON FOREST DR
BURLINGTON, ON L7M 3G6

LEGAL DESCRIPTION

PART OF LOT 14, CONGRESSION 1

CITY OF BURLINGTON,
REGIONAL MUNICIPALITY OF HALTON

HALTON
CATHOLIC
DISTRICT SCHOOL BOARD

802 DURURY LANE, (905) 632-6300
BURLINGTON ON L7R 2Y2, Admin@cdsdb.org

RDZ
ENG

RDZ ENGINEERS LTD
17A - 30 Pennsylvania Avenue
Vaughan, Ontario L4K 4A5
email: info@rdzeng.ca

DRAWING LIST,
SYMBOL LIST,
NOTES,
SCHEDULES,
DETAILS

SCALE	PROJECT
1:50	25192
DATE	NOV 14, 2025
DRAWN	J.A.Y.
CHECKED	V.K.
	M1.0



SCHEDULE OF GAS FIRED MAKE UP AIR UNIT

TAG	MANUFACTURER	MODEL	LOCATION	AREA SERVED	WEIGHT (KG)	DIMENSIONS			CURB HEIGHT (MM)	DESIGN AIRFLOW (L/S)	OUTDOOR AIR			AIR FILTRATION	HEATING						SUPPLY FAN						ELECTRICAL			EMERGENCY POWER	REMARKS		
						WIDTH (MM)	LENGTH (MM)	HEIGHT (MM)			%	FUEL	TURNDOWN		INPUT (KW)	OUTPUT (KW)	EAT (°C) DB	LAT (°C) DB	OAT (°C) DB	AIRFLOW (L/S)	ESP (PA)	TSP (PA)	FAN RPM	BHP	MOTOR HP	VFD	MCA	MOCp	POWER (V/PH/Hz)				
						TYPE	PRESSURE (IN. WC)	NAT. GAS			7" - 14" W.C.	15.1																				175.8	142.4
MUA-1	ENGINEERED AIR	DJS60/OMV	ROOF	CULINARY ARTS 130	1,135	2,260	2,820	1,095	600	2,454	2,454	100	50MM PLEATED MERV13	NAT. GAS	7" - 14" W.C.	15.1	175.8	142.4	-23.3	24.6	-23.3	2.454	249	647	1.051	3.66	5.0	YES	29.3	45.0	208/3/60	NO	NOTES 1-6

NOTES

- UNIT SHALL BE COMPLETE WITH A SINGLE POINT POWER CONNECTION
- FAN SHALL BE COMPLETE WITH INTERNAL VIBRATION ISOLATION SPRINGS AND FLEXIBLE CONNECTIONS.
- FAN MOTORS FOR UNIT IDENTIFIED WITH "VFD" SHALL BE PREMIUM EFFICIENCY INVERTER DUTY RATED.
- UNIT SHALL BE IN COMPLIANCE WITH ASHRAE STANDARD 90.1 EFFICIENCY REQUIREMENTS.
- UNIT PROVIDED WITH CENCON CONTROLLER WITH BAS RESET.
- REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

KITCHEN EQUIPMENT MINIMUM PLUMBING CONNECTIONS

ITEM DESCRIPTION	WASTE	VENT	CW	HW	GAS	REMARKS
SINK	38	32	12	12		TO GREASE TRAP. REFER TO LOCAL CODES OR AHJ FOR DIRECT/INDIRECT SANITARY PIPING REQUIREMENTS
WALL MOUNTED HAND SINK	32	32	12	12		
DOUBLE COMPARTMENT SOILED DISH SINK	38	32	12	12		TO GREASE TRAP. REFER TO LOCAL CODES OR AHJ FOR DIRECT/INDIRECT SANITARY PIPING REQUIREMENTS
COMMERCIAL DISHWASHER	38	32		20		TO GREASE TRAP. REFER TO LOCAL CODES OR AHJ FOR DIRECT/INDIRECT SANITARY PIPING REQUIREMENTS. INSTALL OWNER SUPPLIED DRAIN WATER TEMPERING KIT.
TRIPLE COMPARTMENT FOOD PREP SINK	50	32	12	12		TO GREASE TRAP. REFER TO LOCAL CODES OR AHJ FOR DIRECT/INDIRECT SANITARY PIPING REQUIREMENTS
FLOOR DRAIN	75	38				STRAINER TO BE NICKEL BRONZE 6"x6" OR TO ARCHITECT'S DIRECTION. PROVIDE FUNNEL FOR INDIRECT CONNECTION OR AS REQUIRED. DRAINS TO BE PRIMED AND VENTED AS PER OBC

NOTES:

- CONNECT FIXTURES AND FITTINGS WITH MINIMUM PIPE SIZE AS INDICATED IN THE ABOVE SCHEDULE. WHERE MANUFACTURER'S RECOMMENDED CONNECTION SIZE IS LARGER THAN SHOWN, INCLUDE FOR PIPING AS PER THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.
- KITCHEN EQUIPMENT ARE SELECTED AND SPECIFIED BY THE OWNER/KITCHEN DESIGNER. THE FIXTURES SHALL BE INSTALLED BY THE MECHANICAL CONTRACTOR.
- MECHANICAL CONTRACTOR TO PROVIDE ALL ANCILLARY FIXTURES, FITTINGS, P-TRAPS, STOP ANGLES, VACUUM BREAKERS, TRIM AND ROUGH-IN COMPONENTS TO COMPLETE THE INSTALLATION OF THE PLUMBING FIXTURES AS SHOWN ON THE MECHANICAL DRAWINGS AND DETAILED ON THE INTERIOR DESIGN AND ARCHITECTURAL DRAWINGS AND SPECIFICATIONS.
- FIXTURES FOR THE DISPLAY, STORAGE, PREPARATION OR PROCESSING OF FOOD OR DRINK SHALL BE INDIRECTLY CONNECTED.

SCHEDULE OF FANS

TAG	MANUFACTURER	MODEL	LOCATION	AREA SERVED	WEIGHT (KG)	CURB HEIGHT (MM)	DESIGN AIRFLOW (L/S)	ESP (Pa)	RPM	BHP	MOTOR HP	VFD	ECM MOTOR	SPEED CONTROLLER	SOUND (SONES)	ELECTRICAL				REMARKS
																FLA (A)	MCA (A)	MOP (A)	POWER (V/ØHz)	
DWE-1	GREENHECK	SQ-130HP-VG	MECH. RM. 2	DISHWASHER IN CULINARY ARTS 130	32	-	377	375	1,893	0.45	3/4	NO	YES	YES	12.4 / 10.4	10.5	13.0	25.0	120/1/60	1, 2, 6
KHE-1	GREENHECK	USF-27	ROOF	EXHAUST HOOD IN CULINARY ARTS 130	276	-	2,690	375	1,725	1.87	2.0	NO	NO	YES	14.7 / 15.2	-	3.38	6.0	600/3/60	1, 4, 5, 7
GEF-1	GREENHECK	SQ-98-VG	COSMETOLOGY 132	COSMETOLOGY 132	27	-	283	249	2,119	0.39	1.0	NO	YES	YES	19.1 / 16.2	12.6	16.0	30.0	120/1/60	1, 2, 3, 4

NOTES

- REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS
- INLINE FANS SHALL BE PROVIDED WITH NSN TYPE MOUNTING HANGARS.
- FAN C/W VARI-GREEN HOA CONTROLLER AND VOC CONTROLLER/SENSOR.
- FAN AND MOTOR TO BE HEAT AND SPARK RESISTANT.
- FAN C/W ISOLATION BASE WITH SPRING ISOLATORS DESIGNED FOR HORIZONTAL AND VERTICAL RESTRAINT FROM FAN MANUFACTURER.
- FAN C/W ALUMINUM HOUSING, ALUMINUM WHEEL, ALUMINUM ROOF CURB AND MOTORIZED DAMPER.
- UNIT SHALL BE COMPLETE WITH UL/UL LISTING FOR GREASE REMOVAL AND SHALL INCLUDE A DRAIN CONNECTION AND BOLTED ACCESS DOOR

SCHEDULE OF ELECTRIC DOMESTIC HOT WATER STORAGE HEATERS

TAG	MANUFACTURER	MODEL	DHWT LOCATION	DHWT SERVICE	SIZE DIA. x HEIGHT (IN.)	STORAGE CAPACITY (USGAL)	APPROX. WEIGHT (KG)	INPUT (kW)	NO OF ELEMENTS	RECOVERY (GPH @ 100°F RISE)	STORAGE TEMP (°F)	POWER (V/ØHz)	EXPANSION TANK	MIXING VALVE	ACCESSORIES	REMARKS
DHWT-1.2	A.O. SMITH	DEL-20	CEILING SPACE	COSMOTOLOGY	21-3/4"Ø x 22-1/4"	19	107	6	1	24	140	208/1/60	ET-1	LAWLER #310	MOUNT UNIT C/W DRAIN PAN, WATTS LFWD S LEAK DETECTION SENSOR & DCW SOLENOID VALVE. REFER TO DETAILS	

NOTES

- REFER TO SPECIFICATIONS FOR ADDITIONAL DETAILS.

SCHEDULE OF PLUMBING PUMPS

TAG	SYSTEM	OPERATION	MANUFACTURER	MODEL	FLOW (GPM)	HEAD (FT)	RPM	MOTOR HP	POWER (V/ØHz)	EMERGENCY POWER	REMARKS
DHWRP-1	DHW RECIRCULATION	RECIRC	TACO	0015-MSSF3-IFC	1.0	5	3400	33 W	115/1/60	NO	3-SPEED, INTEGRAL CHECK VALVE, PROGRAMMABLE TIMER CONTROL

NOTES

- REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS
- MOUNT PUMP NEXT TO DHWT

SCHEDULE OF EXPANSION TANKS

TAG	SYSTEM	LOCATION	MANUFACTURER	MODEL	TYPE	SIZE (DIA. x LENGTH)	VOLUME (USGAL)	ACCEPTANCE VOLUME (USGAL)	REMARKS
ET-1	DOMESTIC HOT WATER	MECHANICAL ROOM	WATTS	PLT-12	VERTICAL DIAPHRAGM	10.5"Ø x 13.5"	4.5	3.42	

NOTES

- REFER TO SPECIFICATIONS FOR ADDITIONAL DETAILS.

SCHEDULE OF GRILLES AND DIFFUSERS

TYPE	MANUFACTURER	MODEL	DESCRIPTION	VOLUME CONTROL	FINISH	OPTIONS	REMARKS
A	E.H. PRICE	SCD	SQUARE CONE DIFFUSER	YES	TO ARCH. DIRECTION	SIZE: 24"x24" (600mm x 600mm) FRAME: 31 T-BAR LAY IN	REFER TO FLOOR PLANS FOR NECK SIZE AND AIRFLOWS.
B	E.H. PRICE	80	EGG CRATE	YES	TO ARCH. DIRECTION	DUCTED: F BORDER NON-DUCTED: CORE	REFER TO FLOOR PLANS FOR SIZE OF GRILLES.

NOTES

- CONFIRM FINISH WITH ARCHITECT PRIOR TO ORDER
- REFER TO DRAWINGS FOR QUANTITIES.

SCHEDULE OF VIBRATION ISOLATION

EQUIPMENT	MANUFACTURER	TYPE OF BASE & THICKNESS (MM)	TYPE OF ISOLATION	STATIC DEFLECTION (MM)	REMARKS
HORIZONTAL HEAT PUMPS	VIBRO ACOUSTICS OR APPROVED EQUAL	-	SHR	3.8	
IN-LINE FANS	VIBRO ACOUSTICS OR APPROVED EQUAL	-	SHR	25.0	
UTILITY FANS	VIBRO ACOUSTICS OR APPROVED EQUAL	-	CSR	25.0	

NOTES:

- CSR - RESTRAINED SPRING FLOOR MOUNT
- NSN - NEOPRENE/STEEL/NEOPRENE PAD
- SHR - SPRING HANGER

SCHEDULE OF ACID NEUTRALIZER

TAG	MANUFACTURER	MODEL	LOCATION	SIZE DIA x HT (MM)	INLET / OUTLET SIZE (MM)	VENT	CAPACITY (L)	REMARKS
AN-1.2	SMS	AN-5-SI-MQ	COSMOTOLOGY	483Ø x 432	100	38	19	PROVIDE INTERCEPTOR SI-MQ C/W 47-D PH MONITORING & ALARM PANEL. ABOVE GRADE TANK

NOTES

- REFER TO SPECIFICATIONS FOR ADDITIONAL DETAILS.

SCHEDULE OF GREASE INTERCEPTOR

TAG	MANUFACTURER	MODEL	SIZE W x L x H (MM)	INLET / OUTLET SIZE (MM)	MAX FLOW RATE (GPM)	GREASE CAPACITY (LBS.)	REMARKS
GI-1	WATTS	WD-175-CSA-FC-X-4	914 x 610 x 622	100	75	150	PROVIDE METAL NON-SLIP COVER

NOTES

- REFER TO SPECIFICATIONS FOR ADDITIONAL DETAILS.
- PROVIDE EXTENSION AS REQUIRED TO ENSURE PROPER DRAINAGE TO AND FROM INTERCEPTOR
- CSA B481 APPROVED

3	ISSUED FOR ADDENDUM M-02	26 03 06
2	ISSUED FOR TENDER	26 02 18
1	ISSUED FOR BUILDING PERMIT	26 02 06
NO.	DESCRIPTION	DATE

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PRELIMINARY
NOT FOR CONSTRUCTION

CERTIFICATE OF PRACTICE #4292

**NOTRE DAME CSS -
COSMO & CULINARY
INTERIOR RENOVATION**

2333 HEADON FOREST DR
BURLINGTON, ON L7M 3J6

LEGAL DESCRIPTION

PART OF LOT 14, CONGRESSION 1

CITY OF BURLINGTON,
REGIONAL MUNICIPALITY OF HALTON

**HALTON
CATHOLIC
DISTRICT SCHOOL BOARD**

802 DURURY LANE,
BURLINGTON ON L7R 2Y2 | AtrahamC@nssb.org

**R D Z
ENG** RDZ ENGINEERS LTD
17A - 30 Pennsylvania Avenue
Vaughan, Ontario L4K 4A5
email: info@rdzeng.ca

**EQUIPMENT
SCHEDULES**

SCALE	1:50	PROJECT	25192
DATE	NOV 14, 2025	DRAWING	M5.1
DRAWN	J.A.Y.	CHECKED	V.K.

.1 Plumbing fixtures and fittings are to be in accordance with the following:

.1 S-1 Shampoo Sink

- .1 Lanvain 'Odesa' Shampoo Sink. 487 mm (19.5") long, 544 mm (21.75") wide, 250 mm (10") high, constructed from porcelain, single handle faucet with spray hose, vacuum breaker, crumb cup strainer and wall bracket.
- .2 McGuire LFBV170 Supply - CONVERTIBLE™ Commercial Faucet Supply kit, consisting of (2) stop valves, (2) risers, (2) flanges (standard), Lead Free Brass body, Chrome-plated finish, 138 - 862 kPa (20 - 125 PSI) operating pressure, 4 to 60 °C (40 to 140 °F) operating temperature, Convertible loose key/triangle handle, Quarter turn ball valve, Angle stop, C.P. wrought steel deep bell wall flange (standard), C.P. prefabricated 127 mm (5") copper sweat tube extension nipple, 305 mm (12") C.P. lavatory flexible copper riser tubes (standard), 13 mm (1/2") Sweat inlet x 10 mm (3/8") O.D. outlet, 82 °C (180 °F) maximum during high-temperature system flush, AB 100 compliant, ASME A112.18.1 compliant, ASME A112.18.2-2 (risers), CSA B125.2 compliant (risers), Certified to NSF/ANSI 372, Certified to NSF/ANSI 61, UPC compliant.
- .3 McGuire 8912 P-Trap - Heavy cast brass, 38 x 38 mm (1-1/2" x 1-1/2") size, With cleanout plug, 292 mm (11-1/2") length, Neoprene gasket, Slipnuts.
- .4 Watts SI-750-TO Interceptors - epoxy coated cast aluminum, Sediment Interceptor, Hair, Plaster & Sediment Interceptor, 51 mm (2") I.P.S. threaded connections, removable stainless steel sediment basket, Gasketed cover, Stainless steel top.
- .5 Watts CA-311 Carrier - epoxy coated, Carrier, Floor Mounted, wall Plate, welded feet, universal steel hangar support plate, Heavy gauge steel offset uprights, integral mounting brackets, Plated hardware.

S-2 Stainless Steel Sink

- .6 Franke Commercial LBD6408P-1-3 Sink - double compartment sink, 203 mm (8") centerset, Commercial sinks, with overall dimension, 508 mm (20") long, 800 mm (31-1/2") wide, 203 mm (8") high, constructed from 18 gauge Type 304 Stainless steel, Bowl dimensions are, Left bowl is 457mm (18") long and right bowl is 305mm (12") long, 406 mm (16") wide, 203 mm (8") deep, Polished to #4 satin finish, Factory installed EZ TORQUE™ fasteners, Factory applied rim seal, Center back waste location, 38 mm (1-1/2") (DN38) brass tailpiece, 89 mm (3-1/2") crumb cup strainer, Undercoated to reduce condensation and resonance, Compliances and certifications: ASME A112.19.3 compliant, CSA B45.4 compliant.
- .7 Chicago Faucets 786-GN8FCABCP Faucet - Counter mounted, Manual, Two handles, Sink faucet, Chrome-plated finish, 203 mm (8") centerset, Lead Free ANSI/NSF 61 and ANSI/NSF 372 compliant ECAST® brass construction, -377-XTAB quatern compression cartridge, 5.7 LPM (1.5 GPM) maximum flowrate, - FC 5.7 LPM (1.5 GPM) laminar flow control insert in spout inlet, plain end outlet, Rigid/swing Gooseneck spout, 133 mm (5-1/4") spout reach, -317-PR vandal-resistant 102 mm (4") metal wrist blade handles with red & blue index, Grid drain included, 13 mm (1/2") NPSM supply inlet for 10 mm (3/8") or 13 mm (1/2") flexible riser.

ELECTRICAL ADDENDUM E-01

The logo for RDZ ENG, consisting of the letters 'RDZ' stacked above 'ENG' in a white, sans-serif font, set against a dark blue square background.

Project Name: HCDSB Notre Dame CSS Date: March 3, 2026
Cosmo & Culinary Interior Renovation
Project Address: 2333 Headon Forest Dr.,
Burlington, ON L7M 3X6
Project No.: 25192
Electrical Addendum E-01

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. DRAWINGS

1.1. E1.0: SYMBOL LIST AND DETAILS

.1 The specification for receptacle type "CRT" has been provided.

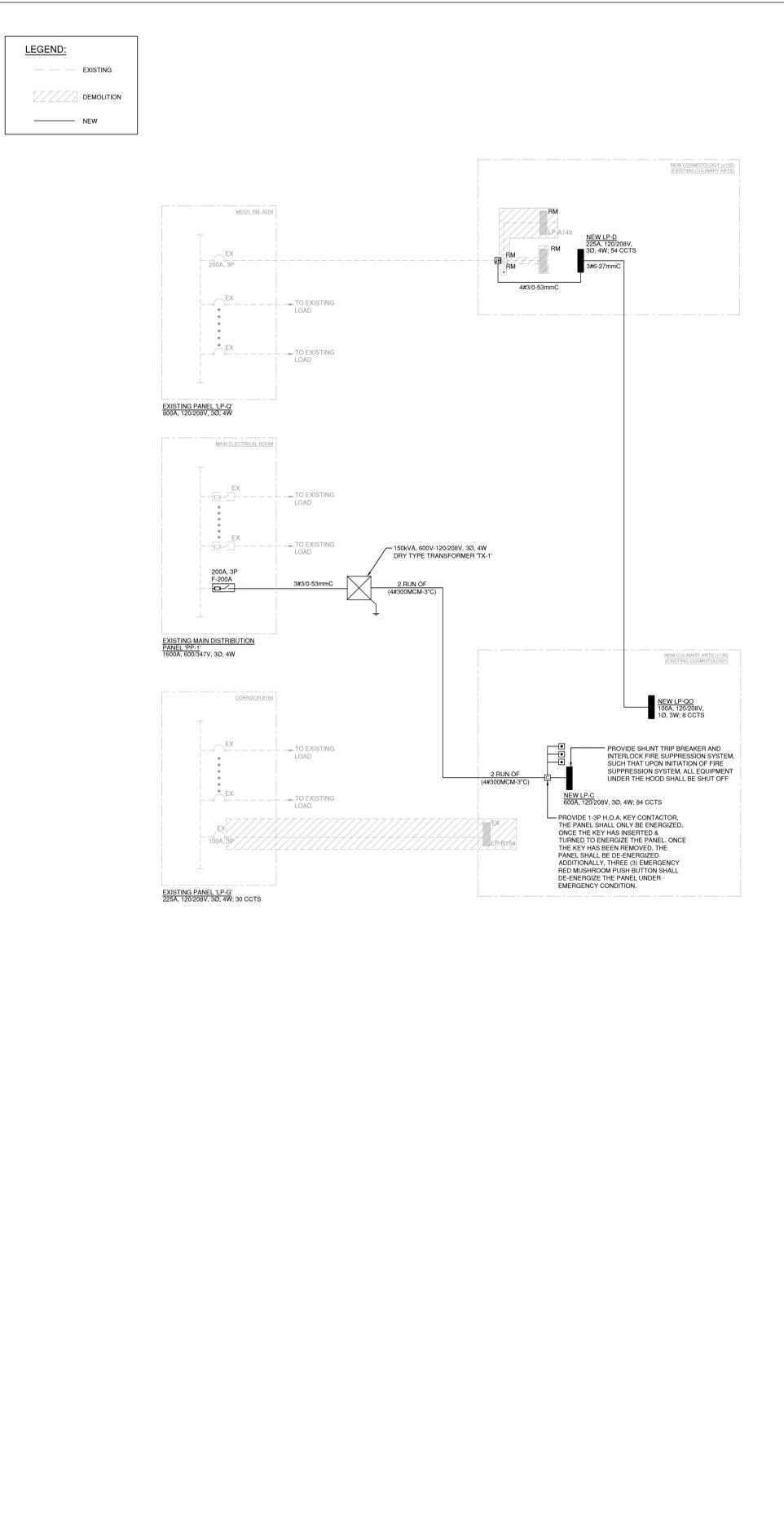
1.2. E4.0: POWER RISER DIAGRAM

.1 Six (6) 15A/1P breakers have been revised to 20A/1P breakers. Refer to drawing for details

2. ATTACHMENTS

- .1 E1.0: SYMBOL LIST AND DETAILS
- .2 E4.0: POWER RISER DIAGRAM

End of Electrical Addendum E-01



NEW PANEL LP-D
225A MAINS, 54 CCTS, 120/208V, 30, 4W
SURFACE MOUNTED PANEL
LOCATION: NEW COSMETOLOGY (x132)

DESCRIPTION	LOAD (W)	BRKR SIZE	A	B	C	BRKR SIZE	LOAD (W)	DESCRIPTION
DRYER	2000	30A/2P	1	2		15A/1P	600	WALL RECEPTACLE
			3	4		15A/1P	1200	QUAD RECEPTACLE
QUAD RECEPTACLE	1200	15A/1P	5	6		15A/1P	1200	QUAD RECEPTACLE
QUAD RECEPTACLE	1200	15A/1P	7	8		15A/1P	1200	QUAD RECEPTACLE
QUAD RECEPTACLE	1200	15A/1P	9	10		15A/1P	1200	QUAD RECEPTACLE
QUAD RECEPTACLE	1200	15A/1P	11	12		15A/1P	1200	QUAD RECEPTACLE
WASHER RECEPTACLE	1000	20A/1P	13	14		15A/1P	1200	QUAD RECEPTACLE
QUAD RECEPTACLE	1200	15A/1P	15	16		15A/1P	1200	QUAD RECEPTACLE
QUAD RECEPTACLE	1200	15A/1P	17	18		15A/1P	1200	QUAD RECEPTACLE
QUAD RECEPTACLE	1200	15A/1P	19	20		15A/1P	1200	QUAD RECEPTACLE
QUAD RECEPTACLE	1200	15A/1P	21	22		15A/1P	1200	QUAD RECEPTACLE
QUAD RECEPTACLE	1200	15A/1P	23	24		15A/1P	1200	QUAD RECEPTACLE
QUAD RECEPTACLE	1200	15A/1P	25	26		40A/2P	8000	DHWT-1
QUAD RECEPTACLE	1200	15A/1P	27	28		15A/1P	1200	QUAD RECEPTACLE
QUAD RECEPTACLE	1200	15A/1P	29	30		15A/1P	300	WALL RECEPTACLE
CONTROL PANEL RECEPTACLE	100	15A/1P	31	32		15A/1P	33	DHWFP
QUAD RECEPTACLE	1200	15A/1P	33	34		15A/1P	100	SOLENOID VALVE AND LEAK DETECTION SYSTEM CONTROLLER
QUAD RECEPTACLE	1200	15A/1P	35	36		20A/1P	500	RECEPTACLE
TO PANEL LP-QQ	1000	60A/2P	37	38		30A/1P	1800	GEF-1
DESK RECEPTACLE	250	15A/1P	39	40		40A/2P	8000	DHWT-2
SPARE		20A/1P	41	42				
SPARE		20A/1P	43	44				SPACE
SPARE		20A/1P	45	46				SPACE
SPARE		20A/1P	47	48				SPACE
SPARE		20A/1P	49	50				SPACE
SPARE		20A/1P	51	52				SPACE
SPARE		20A/1P	53	54				SPACE
TOTAL	20450						28333	
TOTAL CONNECTED LOAD							48.8	

NEW PANEL LP-C
600A MAINS, 84 CCTS, 120/208V, 30, 4W
SURFACE MOUNTED PANEL
LOCATION: NEW CULINARY ARTS (x130)

DESCRIPTION	LOAD (W)	BRKR SIZE	A	B	C	BRKR SIZE	LOAD (W)	DESCRIPTION
01- DECK OVEN	12400	50A/3P	1	2		60A/3P	14000	02- INDUCTION RANGE
SPACE FOR SHUNT			3	4				SPACE FOR SHUNT
03- GRIDDLE	8000	50A/2P	5	6		60A/3P	14000	02- INDUCTION RANGE
SPACE FOR SHUNT			7	8				SPACE FOR SHUNT
07- JET OVEN & STAND	11800	45A/3P	9	10		60A/3P	14000	02- INDUCTION RANGE
SPACE FOR SHUNT			11	12				SPACE FOR SHUNT
07- JET OVEN & STAND	11800	45A/3P	13	14		60A/3P	14000	02- INDUCTION RANGE
SPACE FOR SHUNT			15	16				SPACE FOR SHUNT
17- DEMONSTRATION MONITOR & 30- BACK BAY COUNTER	1400	15A/1P	17	18				SPACE FOR SHUNT
20- RETRACTABLE POWER CORD REEL	1000	20A/1P	19	20		15A/1P	500	22- INSTRUCTOR'S WORK TABLE
20- RETRACTABLE POWER CORD REEL	1000	20A/1P	21	22		20A/1P	1800	23- INDUCTION COOKTOP
20- RETRACTABLE POWER CORD REEL	1000	20A/1P	23	24		15A/1P	600	35- VACUUM SEALER
20- RETRACTABLE POWER CORD REEL	1000	20A/1P	25	26		15A/1P	600	41- DOUBLE SINK TABLE
20- RETRACTABLE POWER CORD REEL	1000	20A/1P	27	28		15A/1P	1000	42- MICROWAVE OVENS
53- MIXER & STAND	800	15A/1P	29	30		15A/1P	1000	44- FOOD PROCESSOR
57- DISHWASHER (VENTLESS)	16000	60A/3P	31	32		30A/2P	2000	47- DRYER
60- SANDWICH/SALAD UNIT	480	15A/1P	33	34		15A/1P	1000	46- WASHING MACHINE
63- WORK TABLE	300	15A/1P	35	36		20A/1P	1800	23- INDUCTION COOKTOP
64- WORK TABLE	300	15A/1P	37	38		15A/1P	600	67- PRINTER
SPARE		20A/1P	39	40		15A/1P	300	69- CHARGER
SPARE		20A/1P	41	42		15A/1P	50	62- HAND WASHER SENSOR
SPARE		20A/1P	43	44		15A/1P	300	RECEPTACLE
05- SALAMANDER	1800	20A/1P	45	46		15A/1P	300	FIRE SMOKE DAMPER
12&13- EXHAUST HOOD AND CONTROL PANEL	500	15A/1P	47	48		20A/1P	500	23- RETRACTABLE POWER CORD REEL
FIRE SUPPRESSION SYSTEM	500	15A/1P	49	50				
16- COFFEE MAKER	1370	15A/1P	51	52		60A/3P	14000	02- INDUCTION RANGE
BRADLEY RECEPTACLE	500	15A/1P	53	54				SPACE FOR SHUNT
SPACE		200	15A/1P	55	56			SPACE
SPACE			57	58				SPACE
SPACE			59	60				SPACE
SPACE			61	62				SPACE
SPACE			63	64				SPACE
SPACE			65	66				SPACE
SPACE			67	68				SPACE
SPACE			69	70				SPACE
SPACE			71	72				SPACE
SPACE			73	74				SPACE
SPACE			75	76				SPACE
SPACE			77	78				SPACE
SPACE			79	80				SPACE
SPACE			81	82				SPACE
SPACE			83	84				SPACE
TOTAL	72730						83550	
TOTAL CONNECTED LOAD							156.3	

NEW PANEL LP-QQ
100A MAINS, 8 CCTS, 120/208V, 10, 3W
SURFACE MOUNTED PANEL, NEMA 3R WEATHERPROOF ENCLOSURE (SIMILAR TO SCHNEIDER COBL100RB)
LOCATION: NEW CULINARY ARTS (x130)

DESCRIPTION	LOAD (W)	BRKR SIZE	A	B	BRKR SIZE	LOAD (W)	DESCRIPTION
SPARE		15A/1P	1	2	15A/1P	1000	FREEZER
31- REFRIGERATOR	850	15A/1P	3	4			SPACE
51- REFRIGERATOR (2 DOOR)	800	15A/1P	5	6			SPACE
FREEZER	1000	15A/1P	7	8			SPACE
TOTAL	2450					1000	
TOTAL CONNECTED LOAD						3.5	

3	ISSUED FOR ADDENDUM E-01	26 03 03
2	ISSUED FOR TENDER	26 02 18
1	ISSUED FOR BUILDING PERMIT	26 02 06
NO.	DESCRIPTION	DATE

DRAWINGS ARE NOT TO BE SCALED. CONTRACTOR MUST CHECK AND VERIFY ALL DIMENSIONS AND CONDITIONS ON THE PROJECT AND MUST REPORT ANY DISCREPANCIES TO THE CONSULTANTS BEFORE PROCEEDING WITH THE WORK. THE USE OF THIS DRAWING OR PART THEREOF IS FORBIDDEN WITHOUT THE WRITTEN APPROVAL OF THE CONSULTANTS.

CERTIFICATE OF PRACTICE #4292
NOTRE DAME CSS - COSMO & CULINARY INTERIOR RENOVATION
2333 HEADON FOREST DR.
BURLINGTON ON L7M 3V6
LEGAL DESCRIPTION
PART OF LOT 14, CONCESSION 1
CITY OF BURLINGTON
REGIONAL MUNICIPALITY OF HALTON



802 DURLURY LANE (905) 632-6300
BURLINGTON ON L7R 2Y2
AbrahamC@hcsdb.org
AbrahamC@hcsdb.org



POWER RISER DIAGRAM

SCALE	AS SHOWN	PROJECT
DATE		25192
DRAWN	TH	DRAWING
CHECKED	FH	E4.0
PRINT DATE		
REVIT FILE		