

ASBESTOS-CONTAINING BUILDING MATERIALS RE-ASSESSMENT REPORT

King Albert Public School

49 Glenelg Street West
Lindsay, Ontario
K9V 2T9

Presented to:

Trillium Lakelands District School Board

Box 420, County Road 36
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Attention: Daniel Whalen

September 2020

Maple Project No. 18736-35

Executive Summary

2020 Asbestos-Containing Building Materials Re-Assessment Report

Maple Project	School Name	Address
18736-35	King Albert Public School	49 Glenelg Street West Lindsay, Ontario

Maple Environmental Inc. was retained by Trillium Lakelands District School Board to perform a re-assessment of known asbestos-containing building materials within the subject building.

The findings and recommendations of the current assessment are summarized below. Please refer to the main body of the report for details.

FINDINGS

Asbestos-containing materials (ACM) identified within the building at the time of the assessment are as follows:

ASBESTOS BUILDING MATERIALS SUMMARY							
MATERIAL	ASBESTOS			FRIABILITY			Remedial Work Required
	Yes	No	Suspect	Friable	Non-Friable	Potentially	
Sprayed Fireproofing		X		X			NO
Textured Finish		X		X			NO
Mechanical Insulations	Pipe Fittings	X		X			NO
	Pipe Straight	X		X			NO
	Ductwork	X		X			NO
	Mechanical Equip.	X		X			NO
Ceiling Tiles		X				X	NO
Vinyl Sheet Flooring		X				X	NO
Vinyl Floor Tiles		X			X		NO
Asbestos Cement (Transite)	X				X		NO
Plaster			X			X	NO
Drywall Joint Compound			X		X		NO
Other (felt, roofing, caulking, etc.)		X	X		X		NO

Please refer to Room by Room Inventory in Appendix I to view location, quantities, and condition of ACM observed within the building at the time of the assessment.

Executive Summary

2020 Asbestos-Containing Building Materials Re-Assessment Report

RECOMMENDATIONS

As asbestos-containing materials were found to be present within the building, Ontario Regulation 278/05 requires that the Trillium Lakelands District School Board's Asbestos Management Plan must apply to this building. In addition, an annual re-assessment of all ACM must be performed.

All asbestos-containing materials identified within the building were observed to be in GOOD condition and therefore no immediate recommendations are warranted.

General Statement

This report should be read in its entirety and is not a stand-alone report. Please refer to the Trillium Lakelands District School Board Overview Report provided under a separate cover to review information relevant to Regulations, Inventory Scope and Methodology, Sampling Strategies, Analytical Methods, Assessment Criteria, and the assessment limitations. Further, this Executive Summary must be read in conjunction with the main body of this report below.

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1.0 INTRODUCTION

MAPLE Environmental Inc. ("MAPLE") was retained by the Trillium Lakelands District School Board (TLDSB) to perform a re-assessment of known asbestos-containing building materials within all TLDSB schools where asbestos was previously confirmed to be present (by others).

The assessment was completed in accordance with the requirement of Ontario Regulation 278/05 to complete a re-assessment on an annual basis.

The following report presents the findings and recommendations of the assessment for the specific building listed.

SUMMARY OF BUILDING INFORMATION	
School Name:	King Albert Public School
Building Address:	49 Glenelg Street West, Lindsay, Ontario
Number of Floors:	3 (including basement)
Approximate Square Footage:	16,760
Assessed by:	Richards Reboks
Assessment Date:	July 31, 2020

2.0 APPLICABLE ONTARIO REGULATIONS

Applicable Ontario Regulations for each of the materials included in the investigation are briefly described below.

2.1 Ontario Regulation 278/05 (Asbestos)

The Ontario Ministry of Labour Regulation 278/05 requires a detailed asbestos inventory be performed in all buildings where friable and non-friable asbestos-containing materials (ACM) are present. The inventory must be available at the work place and must identify the type and location of asbestos-containing materials on a room-by-room basis, where necessary.

Each individual building report prepared by MAPLE meets or exceeds the requirements for an asbestos survey under Ontario Regulation 278/05.

Ontario Regulation 278/05 applies to buildings with regards to maintenance, renovation or demolition work where ACM is present and may be disturbed. The regulation requires all buildings where asbestos is known to be part of the building materials to implement an Asbestos Management Program

(AMP). TLDSB has prepared and maintains an AMP of which the current Re-Assessment report is part of.

2.2 Ontario Regulation 347

Ontario Regulation 347 applies to the transport of waste from the location of generation to a landfill site authorized to receive specific wastes. The regulation also prescribes procedures on how the specific wastes are to be handled at the landfill site.

The major requirements of the building owner and the person(s) removing the waste are to ensure that:

- The waste is appropriately packaged and labelled;
- The transport vehicle is appropriately placard; and
- The waste is to be transported as directly as possible to the landfill site once it leaves the site.

Some wastes require the Owner to register a Generator (of waste) number and many wastes require classification that can restrict or even prohibit their disposal in landfill.

It is important to note that the building owner can be held responsible for the waste until the waste disposal site accepts it.

3.0 SURVEY SCOPE AND METHODOLOGY

The surveys were performed on a Room-by-Room basis within each building included in the scope of the assessment where asbestos was previously identified (by others).

The scope of the surveys included all friable and major non-friable materials suspected to contain asbestos. The term friable is applied to a material that can be readily reduced to dust or powder by hand or moderate pressure. Asbestos materials that are friable have a much greater potential to release airborne asbestos fibres when disturbed.

Typical friable asbestos materials include; sprayed fireproofing or thermal insulation, textured (stippled) plaster, and thermal mechanical insulation. Typical non-friable materials include: asbestos cement (transite) products, caulking, vinyl floor tiles, asbestos textiles and gaskets. Additional materials such as ceiling tiles and drywall joint compounds are classified as non-friable, but because of their ability to release dust when disturbed they are considered as "potentially friable" for the purpose of this report.

3.1 Inventory Methodology

In order to determine the location of the materials included in the assessment, each room or area was entered where practical (i.e.: where access was possible without the demolition of walls, roof or ceilings or destruction of flooring) where asbestos materials were previously identified. An investigation of areas of the building where asbestos was not previously identified was not included in the scope of the current project.

Representative views were made above accessible suspended ceiling systems. Drywall or plaster ceilings were accessed via existing ceiling access panels only. The inventory did not include destructive testing of building systems or finishes to observe possible hidden conditions.

3.2 Asbestos Assessment Criteria

The recommendations and suggestions made as part of this report with respect to asbestos have taken into consideration the condition and accessibility of the asbestos-containing material as well as other factors such as water damage, vibration, air movement, and general activities in the area.

Where ACM is found to be in GOOD condition and not likely to deteriorate or fall, the general recommendation would be to re-evaluate the condition of the material on an annual basis (required by Regulation 278/05). This recommendation can be subject to change if the material is located in a manner that persons untrained in asbestos awareness could physically damage it.

Where the ACM is found to be damaged (i.e. FAIR or POOR condition), a recommendation to have the material cleaned-up, repaired, removed, enclosed, or encapsulated is offered. The recommendation will also indicate which asbestos procedure should be used to perform the remedial work (i.e. Type 1, Type 2, Type 3, or Glove Bag Removal Methods).

In each area or room inventoried, the quantity, condition (GOOD, FAIR, or POOR) and accessibility (A, B, C, D or E) of each suspect material was recorded.

The definitions for condition and accessibility items are as follows:

- | | |
|-----------------|---|
| GOOD | Material is intact with no visible signs of damage. |
| FAIR | Material is visibly damaged but can be repaired. |
| POOR | Material is damaged beyond repair and likely needs to be removed. |
| Access A | Accessible to all occupants of the building. |

Access B	Accessible to Maintenance personnel without the use of a ladder (i.e. Mechanical Room, pipe chase etc.).
Access C	Accessible to Maintenance personnel with the use of a ladder and is exposed to view without removing building components.
Access D	Accessible to Maintenance personnel with the use of a ladder and is concealed from viewing due to a building component (i.e. above a removable ceiling).
Access E	Not accessible without demolition of a building component (i.e. above a fixed ceiling system).

The asbestos related information collected during the previous assessments was confirmed and the room-by-room data updated to reflect the current information.

3.3 Limitations and Omissions from Scope

Due to the nature of building construction, some limitations exist in regards to the possible thoroughness of any building materials inventory. The field observations, measurements, and analysis are considered sufficient in detail and scope to form a reasonable basis for the findings presented in this report. MAPLE warrants that the findings and conclusions contained herein have been made in accordance with generally accepted evaluation methods in the industry and applicable regulations at the time of the performance of the inventory.

It is possible that conditions may exist which could not be reasonably identified within the scope of the inventory or which were not apparent during the site investigation. MAPLE believes that the information collected during the inventory period concerning the property is reliable. No other warranties are implied or expressed.

In addition, during a standard asbestos assessment, performed for the purposes of regulatory compliance, it is industry practice to exclude some non-friable materials in the inventory. Examples of such assumptions include; elevator brakes, roofing felts and mastics, high voltage wiring, mechanical packing and gaskets, underground services or piping, fire-doors, window caulking, levelling compound, and/or materials used in operating equipment. As such, these materials were not sampled at the time of this survey and where present are assumed to be asbestos containing until proven otherwise.

3.4 Sampling Strategy and Analytical Methods

As the majority of materials were previously sampled by others, the requirement for sampling during the current survey was limited. Where samples were collected, they conformed to the criteria outlined below and in compliance with O. Reg. 278/05.

A small volume of the material was removed either from a damaged section or cut out of intact material and then repaired by sealing with tape to prevent the release of fibres. The collected samples were placed in plastic bags, sealed and labelled and then sent to an independent laboratory for analysis. To ensure quality results, the independent laboratory chosen is NVLAP accredited and successfully participates in an "Asbestos Proficiency Analytical Testing Program" and as such, these laboratories are responsible for their findings.

The collection of samples was performed in accordance with regulatory sampling requirements and with sufficient frequency to obtain a general pattern of asbestos use within the building. Due to building renovations or modifications that have occurred, the consistency of the application of asbestos materials may not be uniform throughout the entire building. It is important to note that without sampling every wall, pipe section, ceiling tile etc. it is not possible to identify the possible asbestos content in every material present in the building. For this reason, materials similar in appearance to those sampled elsewhere in the building were visually identified as being homogeneous and thus are assumed to be composed of the same material, thus additional sampling is not required.

In accordance with Reg. 278/05, samples were collected at the following frequency.

Material Type	No. Samples
Sprayed Fireproofing	Up to 7
Texture Coat	Up to 7
Pipe Fitting Insulation	3
Pipe Straight Insulation	3
Ductwork Insulation	3
Ceiling Tiles	3
Vinyl Sheeting Flooring	3
Vinyl Floor Tile	3
Plaster Finishes	Up to 7
Drywall Compound	Up to 7

An independent NVLAP accredited laboratory, was used to analyse the collected samples. Analysis was performed following the Code of Practice for the identification of asbestos in bulk material, as detailed in Ontario Regulation 278/05. Bulk samples were analysed using the Polarized Light Microscopy ("PLM") Technique with Dispersion Staining. The identification of asbestos fibre in bulk material is based on a collective set of parameters

dependent on the unique shape and crystallographic properties of each fibre as viewed through the microscope. This method is useful for the qualitative identification of asbestos and the semi-quantitative determination of asbestos content in bulk materials expressed as a percent of projected area. The method identifies types of asbestos and also measures percent of asbestos as perceived by the analyst in comparison to standard area projections or trained experience.

Given the composition of some vinyl floor products, the PLM analysis method is often prone to yielding false negative analysis results. Therefore it may be prudent that the Transmission Electron Microscopy (TEM) analysis method be used to determine the asbestos content in the vinyl floor products, if negative results are obtain from the laboratory analysis.

3.5 Drawings

Drawings provided for each building indicate the following (where present):

- ◇ Location Numbers (reference to Room-by-Room asbestos data)
- ◇ Asbestos-Containing Sprayed Fireproofing
- ◇ Asbestos-Containing Texture Finishes
- ◇ Asbestos Containing Ceiling Tiles
- ◇ Asbestos-Containing Flooring Materials
- ◇ Presence of Asbestos-Containing Mechanical Insulations will not be specifically indicated on the drawings; however, a general statement regarding the presence of ACM mechanical insulations, where present, has been indicated on the drawings.
- ◇ Presence of asbestos-containing drywall joint compound and hard plaster will not be specifically identified on the drawings; however, a general statement regarding the presence of these ACM materials, where present, has been indicated on the drawings.

4.0 INVENTORY FINDINGS

The following is a brief discussion of the extent to which Asbestos-Containing Materials (ACM) was identified in the building. The discussion is organized under the headings of materials that are generally suspected of containing asbestos. Refer to the Room-by-Room Survey Inventory in Appendix I for a detailed description and location of all ACM.

Destructive testing was not conducted and as such some areas within the building were not accessible for an assessment (i.e. above solid ceilings, behind walls). Access for viewing within wall and ceiling cavities was not always possible. Suspect asbestos materials may be present within ceiling and wall cavities that were not identified in this report. This comment is particularly important for materials such as mechanical insulation. Caution should be taken when demolishing solid wall finishes within the building.

4.1 Sprayed Fireproofing (Friable)

No sprayed fireproofing was observed in the building.

4.2 Thermal Mechanical Insulation (Friable)

No asbestos-containing mechanical insulations are present in the building. It is important to note that mechanical systems may be present within walls and ceiling cavities or pipe chases that were not accessible during this assessment. The presence of ACM mechanical insulations in these locations should be suspected.

Pipe Systems:

Pipe Fittings, where insulated are insulated with non-asbestos fibreglass and/or armaflex materials.

Pipe Straights, where insulated are insulated with non-asbestos fibreglass and/or armaflex materials.

Ductwork:

Duct systems were either insulated with non-asbestos fibreglass or were un-insulated.

Mechanical Equipment:

Mechanical equipment was observed to be externally un-insulated.

4.3 Texture Finish (Friable)

No asbestos-containing texture finishes were identified to be present within the building.

4.4 Acoustic Ceiling Tiles (Potentially Friable)

No asbestos-containing ceiling tiles were identified to be present within the building.

4.5 Vinyl Sheet Flooring (Potentially Friable)

No asbestos-containing vinyl sheet flooring was identified to be present within the building.

4.6 Vinyl Floor Tile (Non-Friable)

No asbestos-containing vinyl floor tiles were identified to be present within the building.

4.7 Asbestos Cement Products "Transite" (Non-Friable)

Asbestos-containing cement products, commonly referred to as transite, were present in the form of panels present above the windows on the building materials. All transite materials were found to be in GOOD condition. Refer to the Room-by-Room Inventory in Appendix I for details regarding location and quantity.

4.8 Drywall Joint Compound (DJC)

While previous sample results indicated drywall joint compound sampled at the Site does not contain asbestos, it should be noted that the concentration of asbestos within drywall joint compound is historically known to be potentially inconsistently distributed. Further, it is possible that various phases of construction and renovations have occurred at the Site. Therefore, the number of samples previously collected may not be representative of all drywall joint compound finishes in the building.

4.9 Plaster

While previous sample results indicated all plaster finishes sampled at the Site does not contain asbestos, note that the concentration of asbestos within plaster is historically known to be potentially inconsistently distributed. Further, it is possible that various phases of construction and renovations have occurred at the Site. Therefore, the number of samples previously collected may not be representative of all plaster finishes in the building.

4.10 Other

Grey felt material present below carpet was sampled by Maple and found not to contain asbestos.

5.0 RECOMMENDATIONS

5.1 General Recommendations

Due to the presence of ACM within the building, TLDSB must maintain their existing Asbestos Management Program for this property.

A re-assessment of known ACM is to be conducted at least once annually.

It is important to note that due to the presence of solid walls and ceiling systems, ACM may be present in concealed locations not identified in this report.

Removal or disturbance of transite cement products requires the use of Type 1 Asbestos procedures (provided no power tools are used and the material is wetted). If power tools are required Type 3 Asbestos procedures need be applied.

Materials suspected of containing asbestos should be sampled prior to disturbance. Suspect materials include; drywall joint compound, plaster, roofing materials, caulking, etc. unless previously confirmed to contain asbestos.

5.2 Specific Recommendations

All asbestos-containing materials identified within the building were observed to be in GOOD condition and therefore no immediate recommendations are warranted.

6.0 LIMITATIONS

Due to the nature of building construction some limitations exist as to the possible thoroughness of the subject investigation. The field observations are considered sufficient in detail and scope to form a reasonable basis for the findings presented in this report. MAPLE warrants that the findings and conclusions contained herein have been made in accordance with generally accepted evaluation methods in the industry and applicable regulations at the time of the performance of the assessment.

It is possible that conditions may exist which could not be reasonably identified within the scope of the investigation or which were not apparent during the site investigation. MAPLE believes that the information collected during the investigation period concerning the property is reliable. No other warranties are implied or expressed.

Information provided by Maple is intended for Client use only. Any use by a third party, of reports or documents authored by Maple, or any reliance by a third party on or decisions made by a third party based on the findings described in said documents, is the sole responsibility of such third parties. Maple accepts no responsibility for damages suffered by any third party as a result of decisions made or actions conducted.

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Please contact Maple Environmental Inc. at (905) 257-4408 for inquiries regarding this project.

Sincerely,

MAPLE ENVIRONMENTAL INC.
Environment, Health and Safety Consultants

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APPENDIX I
ROOM-BY-ROOM ASBESTOS INVENTORY

APPENDIX I - ROOM BY ROOM ASBESTOS INVENTORY

	STRUCTURAL ELEMENT	ACCESSIBILITY	TERMINOLOGY	CONDITION
	RF: Roof WN: Window FL: Floor CL: Ceiling WL: Wall DK: Deck BU: Beams/Joists CB: Chalkboard PT: Pipe DT: Duct BL: Boiler MC: Mechanical	A: All occupants of the facility B: Maintenance staff without a ladder C: Maintenance staff with a ladder, exposed to view without moving building components D: Maintenance staff with a ladder, concealed from view by building components E: No access without demolition or removal of fixed building components or systems	ACM: Asbestos Containing Material CT: Ceiling Tile DJC: Drywall Joint Compound FTG: Fitting LF: Linear Feet N/A: Not Applicable N/Anz: Not Analyzed N/D: None Detected PI-AC: Pipe Insulation - Aircell PI-PC: Pipe Insulation-Parging Cement PI-CP: Pipe Insulation-Caposte	PL: Plaster RM: Roofing Materials SFP: Sprayed Fireproofing SF: Square Feet TF: Texture Finish TB: Transite Board TP: Transite Pipe VI: Vermiculite Insulation VFT: Vinyl Floor Tile VSF: Vinyl Sheet Flooring V/C: Visually Consistent w/ Other Sampled Material WC: Window Caulking

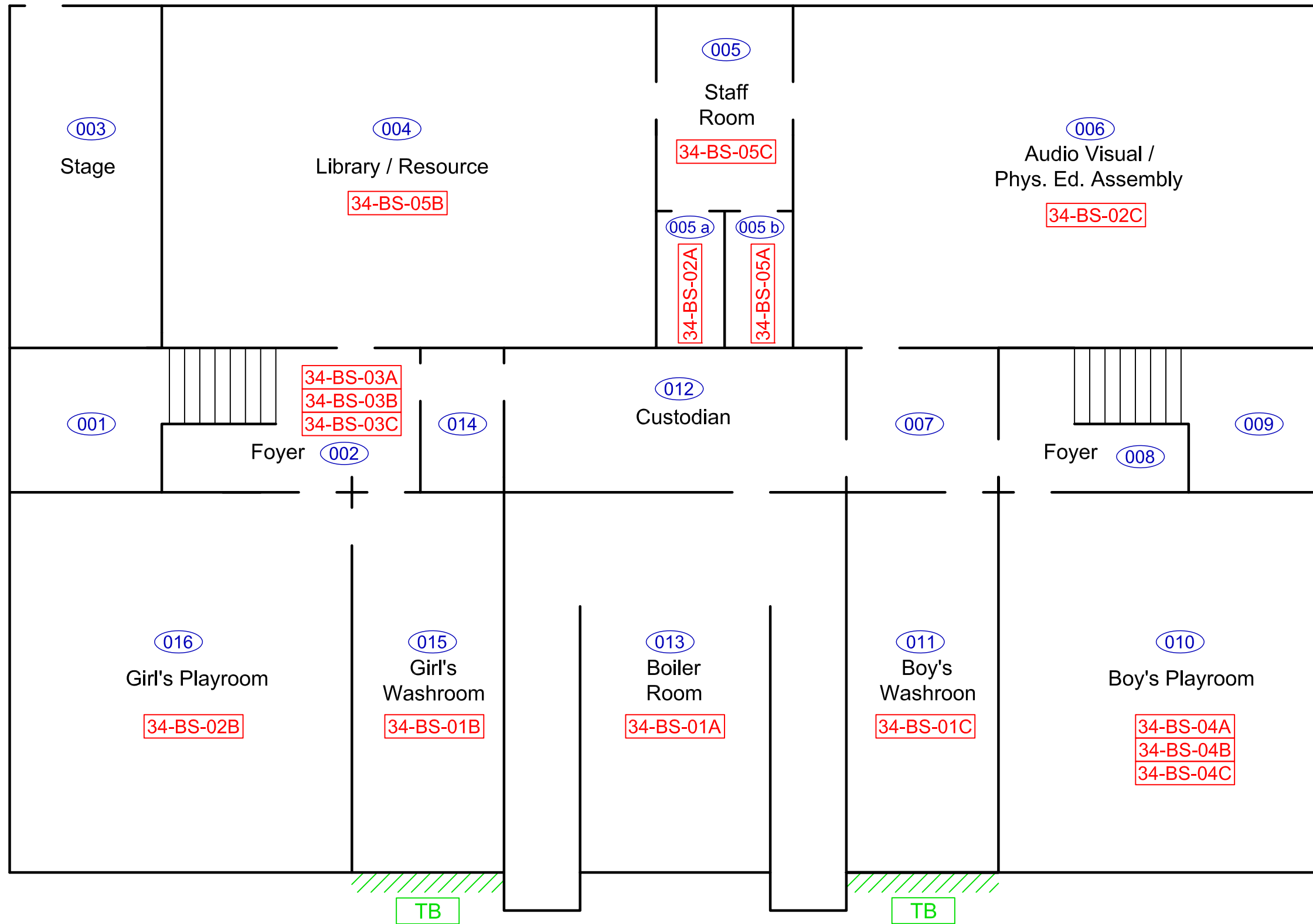
ID	Facility	Floor #	Room #	Room name	Has ACM	Friable	Struct. Elem.	Application	Material	Type	Qty	Condition	Sample #	Action	Ref #	Comments 1	Comments 2	Comments 3	Notes
52247	King Albert Public School			EXTERIOR	Yes	No	RF	RM	NA	ACM ASSUMED	1	G	NS		C				sample prior to renovation
52248	King Albert Public School			EXTERIOR	Yes	No	WN	WC	NA	ACM ASSUMED	1	G	NS		A, C				sample prior to renovation
52249	King Albert Public School			EXTERIOR	Yes	No	WL	TB		Visually Confirmed	10 SF	G	N/S		C				Above windows
52280	King Albert Public School	1	102	Hallway-H1	No	No	WL	PL		N/D			V/C 34-BS-01						
52281	King Albert Public School	1	102	Hallway-H1	No	No	CL	DJC		N/D			V/C 34-BS-02						
52303	King Albert Public School	1	103	Classroom-3	No	No	FL	VFT		N/D			V/C 34-BS-06						
52305	King Albert Public School	1	103	Classroom-3	No	No	WL	PL		N/D			V/C 34-BS-01						
52307	King Albert Public School	1	103	Classroom-3	No	Yes	CL	CT	3	N/D			V/C 34-BS-11						
52304	King Albert Public School	1	103A	Cloakroom in Classroom 3	No	No	FL	VFT	1	N/D			V/C 34-BS-06						
52306	King Albert Public School	1	103A	Cloakroom in Classroom 3	No	No	WL	PL		N/D			V/C 34-BS-01						
52308	King Albert Public School	1	103A	Cloakroom in Classroom 3	No	Yes	CL	CT	3	N/D			V/C 34-BS-11						
52300	King Albert Public School	1	105	Class Room-4	No	No	FL	VFT	2	N/D			34-BS-07C						
52301	King Albert Public School	1	105	Class Room-4	No	No	WL	PL		N/D			V/C 34-BS-01						
52302	King Albert Public School	1	105	Class Room-4	No	Yes	CL	CT	3	N/D			V/C 34-BS-11						
52294	King Albert Public School	1	106	Offices	No	No	FL	VFT	1	N/D			34-BS-06A						
	King Albert Public School	1	106	Offices	No	No	FL	Felt		N/D			18821-S01A-C						Present below carpet
52295	King Albert Public School	1	106	Offices	No	No	WL	PL		N/D			V/C 34-BS-01						
52296	King Albert Public School	1	106	Offices	No	No	WL	DJC		N/D			34-BS-02D						
52297	King Albert Public School	1	106	Offices	No	Yes	CL	CT	1	N/D			34-BS-09A & B						
52298	King Albert Public School	1	106	Offices	No	Yes	CL	CT	2	N/D			34-BS-10A & B						
52299	King Albert Public School	1	106	Offices	No	Yes	CL	CT	3	N/D			34-BS-11B & C						
52291	King Albert Public School	1	107	Class Room-2	No	No	FL	VFT	2	N/D			34-BS-07A & B						
52292	King Albert Public School	1	107	Class Room-2	No	No	WL	PL		N/D			34-BS-01D						
52293	King Albert Public School	1	107	Class Room-2	No	Yes	CL	CT	3	N/D			34-BS-11A						
52282	King Albert Public School	1	109	Classroom-1	No	No	FL	VFT	1	N/D			34-BS-06B & C						
52285	King Albert Public School	1	109	Classroom-1	No	No	WL	PL		N/D			34-BS-01E						
52288	King Albert Public School	1	109	Classroom-1	No	Yes	CL	CT	3	N/D			V/C 34-BS-11						
52283	King Albert Public School	1	109A	Cloakroom in Classroom 1	No	No	FL	VFT	1	N/D			34-BS-06B & C						
52286	King Albert Public School	1	109A	Cloakroom in Classroom 1	No	No	WL	PL		N/D			34-BS-01E						
52289	King Albert Public School	1	109A	Cloakroom in Classroom 1	No	Yes	CL	CT	3	N/D			V/C 34-BS-11						
52284	King Albert Public School	1	109B	Washroom in Classroom 1	No	No	FL	VFT	1	N/D			34-BS-06B & C						
52287	King Albert Public School	1	109B	Washroom in Classroom 1	No	No	WL	PL		N/D			34-BS-01E						
52290	King Albert Public School	1	109B	Washroom in Classroom 1	No	Yes	CL	CT	3	N/D			V/C 34-BS-11						
52309	King Albert Public School	2	202	Hallway-H2	No	No	WL	PL		N/D			V/C 34-BS-01						
52310	King Albert Public School	2	202	Hallway-H2	No	No	CL	DJC		N/D			V/C 34-BS-02						
52317	King Albert Public School	2	203	Class-6	No	No	FL	VFT	3	N/D			V/C 34-BS-08						
52318	King Albert Public School	2	203	Class-6	No	No	WL	PL		N/D			V/C 34-BS-01						
52319	King Albert Public School	2	203	Class-6	No	Yes	CL	CT	2	N/D			34-BS-10C						
52314	King Albert Public School	2	204	Supply Room	No	No	FL	VFT	3	N/D			34-BS-08A-C						
52315	King Albert Public School	2	204	Supply Room	No	No	WL	PL		N/D			34-BS-01F						
52316	King Albert Public School	2	204	Supply Room	No	Yes	CL	CT	2	N/D			V/C 34-BS-10						
52326	King Albert Public School	2	205	Class-8	No	No	WL	PL		N/D			V/C 34-BS-01						
52327	King Albert Public School	2	205	Class-8	No	No	WL	DJC		N/D			V/C 34-BS-02						
52328	King Albert Public School	2	205	Class-8	No	Yes	CL	CT	2	N/D			V/C 34-BS-10						
52329	King Albert Public School	2	205	Class-8	No	Yes	CL	CT	4	N/D			34-BS-12A-C						
52320	King Albert Public School	2	207	Classroom-7	No	No	WL	DJC		N/D			34-BS-02E						
52322	King Albert Public School	2	207	Classroom-7	No	No	WL	PL		N/D			V/C 34-BS-01						
52324	King Albert Public School	2	207	Classroom-7	No	Yes	CL	CT	1	N/D			34-BS-09C						
52325	King Albert Public School	2	207A	Class Room-7 & Cloakroom	No	Yes	CL	CT	1	N/D			34-BS-09C						
52321	King Albert Public School	2	207A	Cloakroom in Classroom 7	No	No	WL	DJC		N/D			34-BS-02E						
52323	King Albert Public School	2	207A	Cloakroom in Classroom 7	No	No	WL	PL		N/D			V/C 34-BS-01						
52330	King Albert Public School	2	208	Health Room	No	No	WL	DJC		N/D			V/C 34-BS-02						
52333	King Albert Public School	2	208	Health Room	No	No	WL	PL		N/D			V/C 34-BS-01						
52336	King Albert Public School	2	208	Health Room	No	Yes	CL	CT	1	N/D			V/C 34-BS-09						
52331	King Albert Public School	2	208A	Washroom in Health Room	No	No	WL	DJC		N/D			V/C 34-BS-02						
52334	King Albert Public School	2	208A	Washroom in Health Room	No	No	WL	PL		N/D			V/C 34-BS-01						
52337	King Albert Public School	2	208A	Washroom in Health Room	No	Yes	CL	CT	1	N/D			V/C 34-BS-09						

APPENDIX I - ROOM BY ROOM ASBESTOS INVENTORY

 <p>MAPLE ENVIRONMENTAL INC. ENVIRONMENTAL HEALTH & SAFETY CONSULTANTS</p>	STRUCTURAL ELEMENT		ACCESSIBILITY			TERMINOLOGY					
	RF: Roof WN: Window FL: Floor CL: Ceiling WL: Wall DK: Deck	B/J: Beams/Joists CB: Chalkboard PI: Pipe DT: Duct BL: Boiler MC: Mechanical	A: All occupants of the facility B: Maintenance staff without a ladder C: Maintenance staff with a ladder, exposed to view without moving building components D: Maintenance staff with a ladder, concealed from view by building components E: No access without demolition or removal of fixed building components or systems	ACM: Asbestos Containing Material CT: Ceiling Tile DJC: Drywall Joint Compound FTG: Fitting LF: Linear Feet	N/A: Not Applicable N/Anz: Not Analyzed N/D: None Detected PI-AC: Pipe Insulation - Aircell PI-PC: Pipe Insulation-Parging Cement PI-CP: Pipe Insulation-Caposte	PL: Plaster RM: Roofing Materials SFP: Sprayed Fireproofing TF: Texture Finish	TB: Transite Board TP: Transite Pipe VI: Vermiculite Insulation VFT: Vinyl Floor Tile	VSF: Vinyl Sheet Flooring V/C: Visually Consistent w/ Other Sampled Material WC: Window Caulking			
CONDITION G: Good F: Fair P: Poor											

ID	Facility	Floor #	Room #	Room name	Has ACM	Friable	Struct. Elem.	Application	Material	Type	Qty	Condition	Sample #	Action	Ref #	Comments 1	Comments 2	Comments 3	Notes	
52332	King Albert Public School	2	208B	Remedial Resource	No	No	WL	DJC		N/D			V/C 34-BS-02							
52335	King Albert Public School	2	208B	Remedial Resource	No	No	WL	PL		N/D			V/C 34-BS-01							
52338	King Albert Public School	2	208B	Remedial Resource	No	Yes	CL	CT	1	N/D			V/C 34-BS-09							
52311	King Albert Public School	2	209	Class-5	No	No	WL	PL		N/D			34-BS-01G							
52312	King Albert Public School	2	209	Class-5	No	No	WL	DJC		N/D			V/C 34-BS-02							
52313	King Albert Public School	2	209	Class-5	No	Yes	CL	CT	2	N/D			V/C 34-BS-10							
52250	King Albert Public School	B	002	Foyer Near Library	No	No	WL	PL		N/D			V/C 34-BS-01							
52251	King Albert Public School	B	002	Foyer Near Library	No	No	CL	DJC		N/D			V/C 34-BS-02							
52252	King Albert Public School	B	002	Foyer Near Library	No	No	PI	PI-SW		N/D			34-BS-03A-C							
52260	King Albert Public School	B	003	Stage	No	No	WL	PL		N/D			V/C 34-BS-01							
52261	King Albert Public School	B	003	Stage	No	No	CL	DJC		N/D			V/C 34-BS-02							
52257	King Albert Public School	B	004	Library/Resource	No	No	FL	VSF	2	N/D			34-BS-05B							
52258	King Albert Public School	B	004	Library/Resource	No	No	WL	PL		N/D			V/C 34-BS-01							
52259	King Albert Public School	B	004	Library/Resource	No	No	CL	DJC		N/D			V/C 34-BS-02							
52262	King Albert Public School	B	005	Staff Room	No	No	FL	VSF	2	N/D			34-BS-05A & C							
52263	King Albert Public School	B	005	Staff Room	No	No	FL	VSF	1	N/D			V/C 34-BS-04							
52264	King Albert Public School	B	005	Staff Room	No	No	WL	PL		N/D			V/C 34-BS-01							
52265	King Albert Public School	B	005	Staff Room	No	No	CL	DJC		N/D			34-BS-02A							
52266	King Albert Public School	B	006	Audio Visual/ Choir/ Phys. ED	No	No	FL	VSF	1	N/D			V/C 34-BS-04							
52267	King Albert Public School	B	006	Audio Visual/ Choir/ Phys. ED	No	No	WL	PL		N/D			V/C 34-BS-01							
52268	King Albert Public School	B	006	Audio Visual/ Choir/ Phys. ED	No	No	CL	DJC		N/D			34-BS-02C							
52255	King Albert Public School	B	008	Foyer Near Boy's Playroom	No	No	WL	PL		N/D			V/C 34-BS-01							
52256	King Albert Public School	B	008	Foyer Near Boy's Playroom	No	No	CL	DJC		N/D			V/C 34-BS-02							
52269	King Albert Public School	B	010	Boy's Play Room	No	No	FL	VSF	1	N/D			34-BS-04A-C							
52270	King Albert Public School	B	010	Boy's Play Room	No	No	WL	PL		N/D			V/C 34-BS-01							
52271	King Albert Public School	B	010	Boy's Play Room	No	No	CL	DJC		N/D			V/C 34-BS-02							
52272	King Albert Public School	B	011	Boy's Washroom	No	No	WL	PL		N/D			34-BS-01C							
52273	King Albert Public School	B	011	Boy's Washroom	No	No	CL	DJC		N/D			V/C 34-BS-02							
52253	King Albert Public School	B	012	Custodian Storage	No	No	WL	PL		N/D			V/C 34-BS-01							
52254	King Albert Public School	B	012	Custodian Storage	No	No	CL	DJC		N/D			V/C 34-BS-02							
52274	King Albert Public School	B	013	Boiler Room	No	No	WL	PL		N/D			34-BS-01A							
52275	King Albert Public School	B	013	Boiler Room	No	No	CL	DJC		N/D			V/C 34-BS-02							
52276	King Albert Public School	B	015	Girl's Washroom	No	No	WL	PL		N/D			34-BS-01B							
52277	King Albert Public School	B	015	Girl's Washroom	No	No	CL	DJC		N/D			V/C 34-BS-02							
52278	King Albert Public School	B	016	Girl's Playroom	No	No	WL	PL		N/D			V/C 34-BS-01							
52279	King Albert Public School	B	016	Girl's Playroom	No	No	CL	DJC		N/D			34-BS-02B							

APPENDIX II
DRAWINGS



LEGEND

- 01-BS-01A Jacques Whitford Sample Locations
- # Ebase Number

CONFIRMED ACM

SYMBOL	DESCRIPTION
	Friable Asbestos-Containing Material
	Non-Friable Asbestos-Containing Material
TB	Transite Board (Non-Friable Asbestos-Containing Material)

For Detailed Information as to Location, Type, Quantity, Condition and Access to ACM, Please Refer to the Room-by-Room Sheets Provided in the Report.



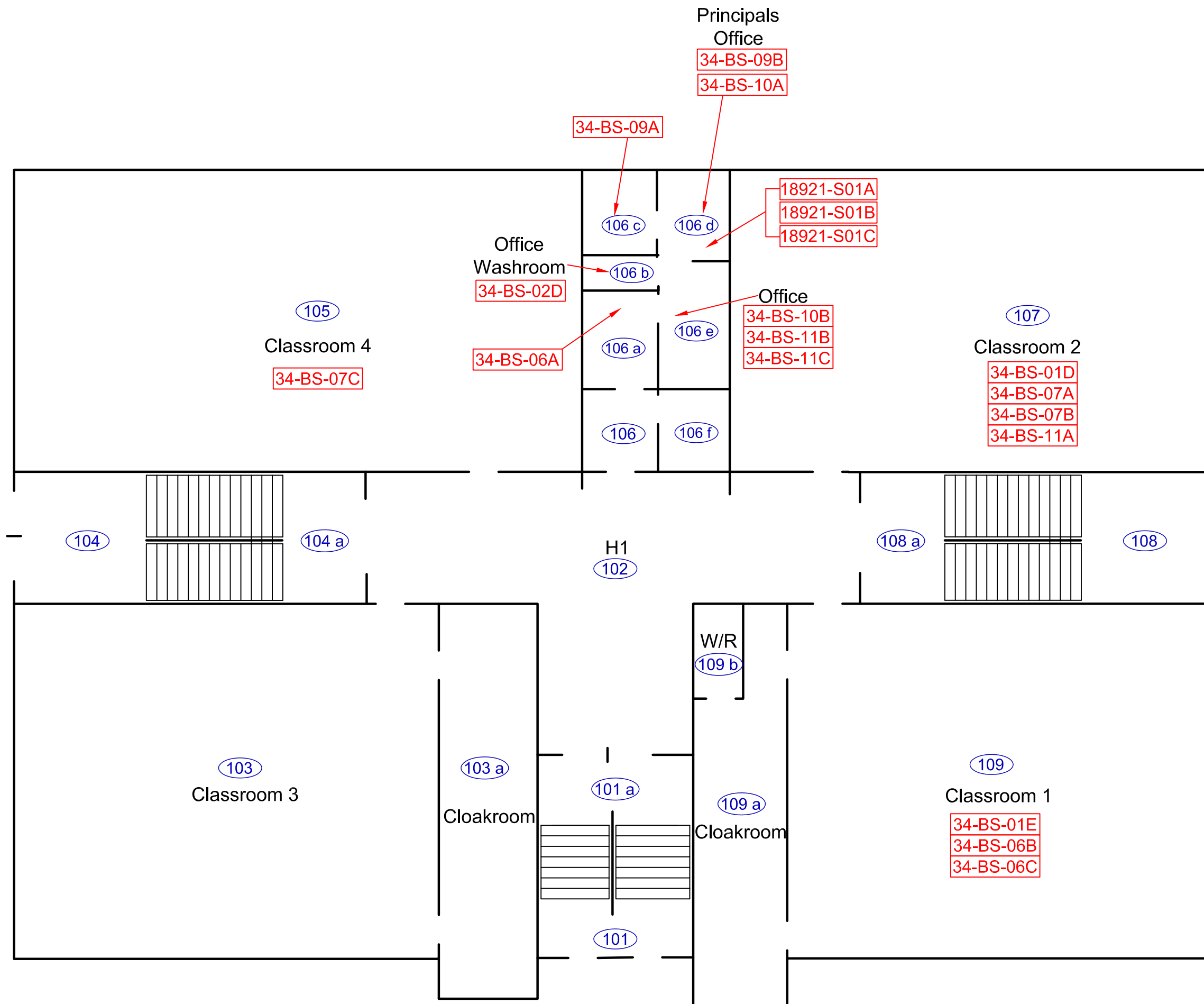
King Albert Public School
 49 Gleneig Street West
 Lindsay, Ontario

Basement Floor Plan
 Asbestos Materials Re-Assessment Survey

CLIENT: Trillium Lakelands District School Board

PROJECT NUMBER: 18736-35	DATE: September 2020	DRW BY: S. Prosser
SCALE: Not to Scale	CHK BY: K. Prosser	





LEGEND

- 01-BS-01A Jacques Whitford Sample Locations
- # Ebase Number

CONFIRMED ACM

SYMBOL	DESCRIPTION
	Friable Asbestos-Containing Material
	Non-Friable Asbestos-Containing Material
TB	Transite Board (Non-Friable Asbestos-Containing Material)

For Detailed Information as to Location, Type, Quantity, Condition and Access to ACM, Please Refer to the Room-by-Room Sheets Provided in the Report.



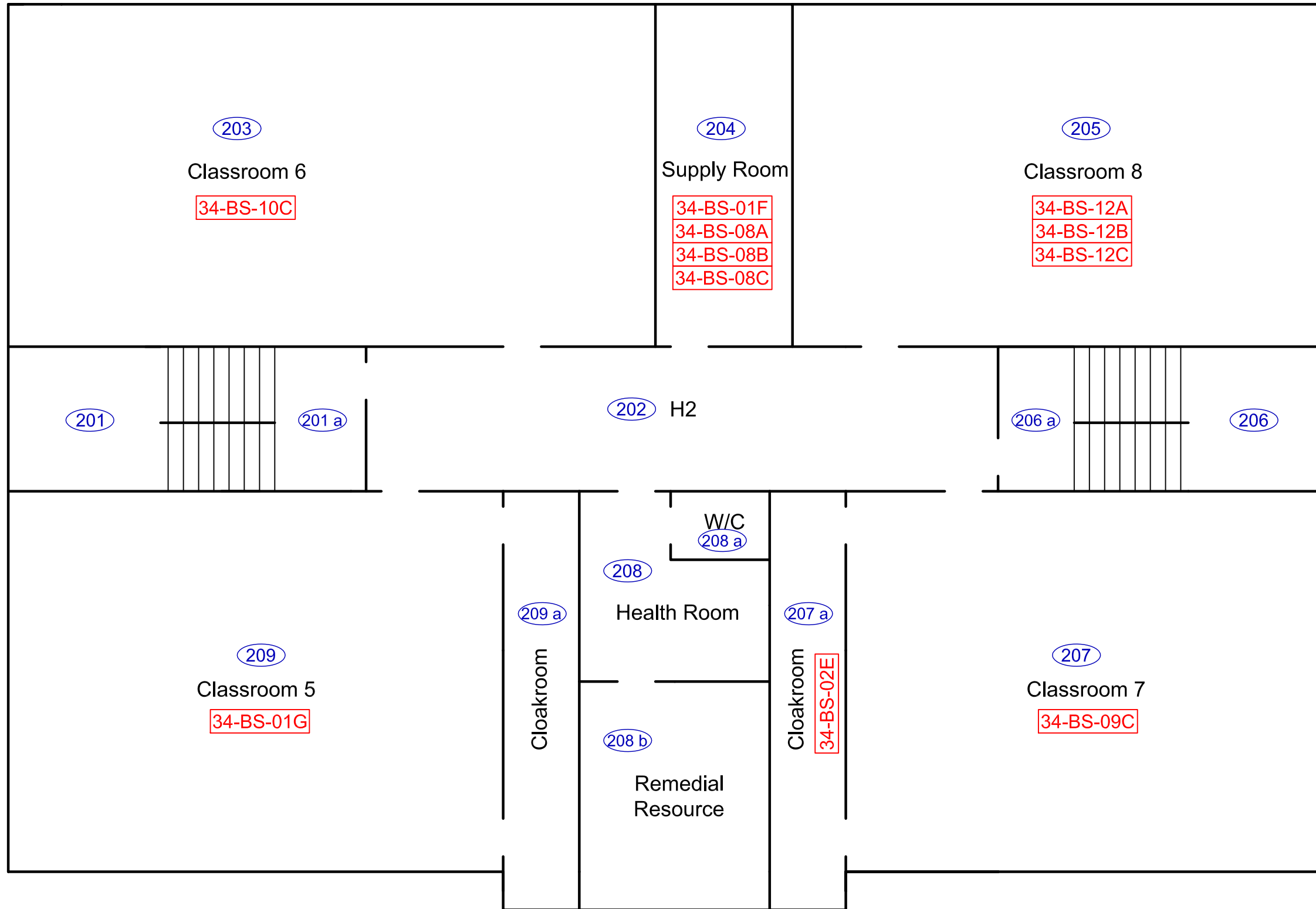
King Albert Public School
49 Gleneig Street West
Lindsay, Ontario

First Floor Plan
Asbestos Materials Re-Assessment Survey

CLIENT: Trillium Lakelands District School Board

PROJECT NUMBER: 18736-35	DATE: September 2020	DRW BY: S. Prosser
SCALE: Not to Scale	CHK BY: K. Prosser	





LEGEND

- 01-BS-01A Jacques Whitford Sample Locations
- # Ebase Number

CONFIRMED ACM

SYMBOL	DESCRIPTION
	Friable Asbestos-Containing Material
	Non-Friable Asbestos-Containing Material
	Transite Board (Non-Friable Asbestos-Containing Material)

For Detailed Information as to Location, Type, Quantity, Condition and Access to ACM, Please Refer to the Room-by-Room Sheets Provided in the Report.



King Albert Public School
49 Gleneig Street West
Lindsay, Ontario

Second Floor Plan

Asbestos Materials Re-Assessment Survey

CLIENT: Trillium Lakelands District School Board

PROJECT NUMBER: 18736-35	DATE: September 2020	DRW BY: S. Prosser
SCALE: Not to Scale	CHK BY: K. Prosser	



APPENDIX III
POTENTIAL ASBESTOS-CONTAINING MATERIAL
IDENTIFICATION SHEET

APPENDIX III - POTENTIAL ASBESTOS-CONTAINING MATERIALS INFORMATION SHEET

<i>MIN</i>	<i>Material</i>	<i>Material Description</i>	<i>Size</i>	<i>Sample Number</i>	<i>Sample Location</i>	<i>Asbestos Containing</i>
VFT-1	Vinyl Floor Tiles	White with blue specks	12x 12	34-BS-06A-C	Office & Class-1	None
VFT-2	Vinyl Floor Tiles	Cream with beige and grey mix	12x 12	34-BS-07A-C	Class-2 & 4	None
VFT-3	Vinyl Floor Tiles	Light green and dark green mix	12x 12	34-BS-08A-C	Supply Rm	None
VSF-1	Vinyl Sheet Floor	Blue		34-BS-04A-C	Boy's Play Room	None
VSF-2	Vinyl Sheet Floor	Bluish grey		34-BS-05A-C	Staff Rm & Library	None
CT-1	Ceiling Tiles	Large fissure pattern	2 x 4	34-BS-09A-C	Principal Off. & Class-7	None
CT-2	Ceiling Tiles	Medium fissure pinhole pattern	2 x 4	34-BS-10A-C	Office & Class-6	None
CT-3	Ceiling Tiles	Small fissure pinhole pattern	2 x 4	34-BS-11A-C	Class-2 & Offices	None
CT-4	Ceiling Tiles	Pinhole Pattern	1x1	34-BS-12A-C	Class-8	None
TB	Transite Board	Transite Board above windows	N/A	N/A	Multiple Locations	Visually ACM