

ASBESTOS-CONTAINING BUILDING MATERIALS RE-ASSESSMENT REPORT

Grandview Public School

684 Hwy # 7A
Bethany, Ontario

Presented to:

Trillium Lakelands District School Board

Box 420, County Road 36
Lindsay, Ontario
K9V 4S4

Attention: Daniel Whalen

September 2020

Maple Project No. 18736-33

Executive Summary

2020 Asbestos-Containing Building Materials Re-Assessment Report

Maple Project	School Name	Address
18736-33	Grandview Public School	684 Hwy # 7A, Bethany, 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
Vermiculite		X			X			NO
Other (roofing, caulking, etc.)				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.

TABLE OF CONTENTS

EXECUTIVE SUMMARY	<i>i</i>
1.0 INTRODUCTION	1
2.0 APPLICABLE ONTARIO REGULATIONS.....	1
2.1 ONTARIO REGULATION 278/05 (ASBESTOS)	1
2.2 ONTARIO REGULATION 347	2
3.0 SURVEY SCOPE AND METHODOLOGY.....	2
3.1 INVENTORY METHODOLOGY.....	3
3.2 ASBESTOS ASSESSMENT CRITERIA	3
3.3 LIMITATIONS AND OMISSIONS FROM SCOPE	4
3.4 SAMPLING STRATEGY AND ANALYTICAL METHODS	5
3.5 DRAWINGS	6
4.0 INVENTORY FINDINGS.....	6
4.1 SPRAYED FIREPROOFING (FRIABLE).....	7
4.2 THERMAL MECHANICAL INSULATION (FRIABLE)	7
4.3 TEXTURE FINISH (FRIABLE)	7
4.4 ACOUSTIC CEILING TILES (POTENTIALLY FRIABLE).....	7
4.5 VINYL SHEET FLOORING (POTENTIALLY FRIABLE).....	7
4.6 VINYL FLOOR TILE (NON-FRIABLE)	8
4.7 ASBESTOS CEMENT PRODUCTS "TRANSITE" (NON-FRIABLE)	8
4.8 DRYWALL JOINT COMPOUND (DJC)	8
4.9 PLASTER	8
4.10 VERMICULITE.....	8
5.0 RECOMMENDATIONS.....	8
5.1 GENERAL RECOMMENDATIONS	8
5.2 SPECIFIC RECOMMENDATIONS	9
6.0 LIMITATIONS.....	9
 APPENDIX I	 ROOM-BY-ROOM ASBESTOS INVENTORY
APPENDIX II	DRAWINGS
APPENDIX III	POTENTIAL ASBESTOS-CONTAINING MATERIAL IDENTIFICATION SHEET

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:	Grandview Public School
Building Address:	684 Hwy # 7A, Bethany, Ontario
Number of Floors:	2 (no basement)
Approximate Square Footage:	45,149
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)

Asbestos and non-asbestos mechanical insulations were identified in the building. A brief description of the insulations is provided below categorized by mechanical system type. Further, 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, including elbows, valves, tees, hangers, etc. where insulated are insulated with parging cement previously confirmed to contain Chrysotile asbestos or are insulated with non-asbestos materials (i.e. Fibreglass). All pipe fittings were found to be in GOOD condition unless listed below.

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)

Asbestos-containing vinyl floor tiles are present in various areas of the building. All tiles were found to be in GOOD condition. Refer to the Room-by-Room Inventory in Appendix I for details regarding location and quantity.

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

Asbestos-containing transite is present in the form of pipes (i.e. rain water leaders and roof drains) and panels on the exterior soffit. All transite was 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 do 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 Vermiculite

Vermiculite insulation is a natural occurring material that is used as a loose mineral fill for the voids of the block walls in buildings to increase the insulation value. Some of the by-product or fines of this product contains several types of asbestos. Vermiculite insulation is known to be concealed inside the block walls within the building and is not visible until the blocks have been broken. Asbestos containing vermiculite has been identified within the building.

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.

The assessment confirmed the presence of ACM mechanical insulations within the building (Refer to room-by-room Inventory for condition and quantities). Should any proposed renovations likely cause disturbance of the mechanical insulations, the materials would require removal using Type 2, Type 3 or Glove Bag Asbestos procedures as appropriate for the work being performed.

The removal or disturbance of vermiculite will require Type 3 Asbestos procedures. Clean-up of any vermiculite debris will require Type 2 Asbestos Clean-up Procedures. All access into solid wall and ceiling cavities should be completed using Type 2 precautions.

If asbestos-containing vinyl floor tiles are likely to be disturbed, the tiles should be removed using Type 1 Asbestos procedures (provided no power tools are used and the material is wetted). The use of power tools would require Type 3 Asbestos procedures.

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 ACM was identified in GOOD condition. As such no immediate recommendations are warranted at this time.

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.

The liability of Maple or its staff will be limited to the lesser of the fees paid or actual damages incurred by the Client. Maple will not be responsible for any consequential or indirect damages. Maple will only be liable for damages resulting from negligence of Maple; all claims by the Client shall be deemed relinquished if not made within two years after last date of services provided.

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

Sincerely,

MAPLE ENVIRONMENTAL INC.
Environment, Health and Safety Consultants

Prepared By:



Richards Reboks
Senior Project Technologist

Reviewed By:




Kyle Prosser
Senior Project Manager

C:\Users\Daniel Prosia\Google Drive\18700 - 18799\18736 TLDSB, 2020 Reassessment, ACM\Schools (Asbestos)\Grandview\18736-33 Grandview PS Report.doc


APPENDIX I
ROOM-BY-ROOM ASBESTOS INVENTORY

APPENDIX I - ROOM BY ROOM ASBESTOS INVENTORY

	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-Caposite	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		
	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
48512	Grandview Public School	1	101	Hallway-H5	No	Yes	CL	CT	1	N/D			V/C 42-BS-02						
48513	Grandview Public School	1	101	Hallway-H5	Yes	Yes	WL	VER		ACTINOLITE/TERMOLITE	1	G	V/C 12890-02			D			Hidden Inside the hollow blocks
48514	Grandview Public School	1	101	Hallway-H5	Yes	No	TP	TP		20% CHRYSOTILE	25 LF	G	V/C 42-BS-08			D			
48515	Grandview Public School	1	101	Hallway-H5	Yes	Yes	PI	PI-PC		35% CHRYSOTILE	40 Fittings	G	V/C 42-BS-09			D			
48549	Grandview Public School	1	102	Hallway-H4	No	Yes	CL	CT	1	N/D			V/C 42-BS-02						
48550	Grandview Public School	1	102	Hallway-H4	Yes	Yes	WL	VER		ACTINOLITE/TERMOLITE	1	G	V/C 12890-02			D			Hidden Inside the hollow blocks
48551	Grandview Public School	1	102	Hallway-H4	Yes	Yes	PI	PI-PC		35% CHRYSOTILE	12 Fittings	G	V/C 42-BS-09			D			
48558	Grandview Public School	1	103	Library	No	No	FL	VFT	4	N/D			V/C 42-BS-11						
48560	Grandview Public School	1	103	Library	No	Yes	CL	CT	1	N/D			V/C 42-BS-02						
48559	Grandview Public School	1	103A	Library Offices	No	No	FL	VFT	4	N/D			V/C 42-BS-11						
48561	Grandview Public School	1	103A	Library Offices	No	Yes	CL	CT	1	N/D			V/C 42-BS-02						
48552	Grandview Public School	1	104	Main Office	No	Yes	CL	CT	1	N/D			V/C 42-BS-02						
48555	Grandview Public School	1	104	Main Office	Yes	Yes	WL	VER		ACTINOLITE/TERMOLITE	1	G	V/C 12890-02			D			Hidden Inside the hollow blocks
	Grandview Public School	1	104	V.P Office	Yes	No	FL	VFT		1% CHRYSOTILE	125 SF	G	18920-S01A-C			A			
48553	Grandview Public School	1	105	V.P Office	No	Yes	CL	CT	1	N/D			V/C 42-BS-02						
48556	Grandview Public School	1	105	V.P Office	Yes	Yes	WL	VER		ACTINOLITE/TERMOLITE	1	G	V/C 12890-02			D			Hidden Inside the hollow blocks
	Grandview Public School	1	106	Principal's Office	Yes	No	FL	VFT		1% CHRYSOTILE	125 SF	G	V/C 18920-S01A-C			A			
48554	Grandview Public School	1	106	Principal's Office	No	Yes	CL	CT	1	N/D			V/C 42-BS-02						
48557	Grandview Public School	1	106	Principal's Office	Yes	Yes	WL	VER		ACTINOLITE/TERMOLITE	1	G	V/C 12890-02			D			Hidden Inside the hollow blocks
48565	Grandview Public School	1	107	Hallway-H2	No	Yes	CL	CT	3	N/D			42-BS-10A						
48566	Grandview Public School	1	107	Hallway-H2	Yes	Yes	PI	PI-PC		35% CHRYSOTILE	25 Fittings	G	V/C 42-BS-09			D			
48572	Grandview Public School	1	108	Classroom-1	Yes	No	FL	VFT	5	5% CHRYSOTILE	1	G	V/C 42-BS-12			A			
48573	Grandview Public School	1	108	Classroom-1	No	No	WL	DJC		N/D			42-BS-15A						
48574	Grandview Public School	1	108	Classroom-1	Yes	Yes	WL	VER		ACTINOLITE/TERMOLITE	1	G	V/C 12890-02			D			Hidden Inside the hollow blocks
48575	Grandview Public School	1	108	Classroom-1	No	Yes	CL	CT	3	N/D			V/C 42-BS-10						
48576	Grandview Public School	1	108	Classroom-1	Yes	Yes	PI	PI-PC		35% CHRYSOTILE	06 Fittings	G	V/C 42-BS-09			D			
48577	Grandview Public School	1	109	Classroom-2	Yes	No	FL	VFT	5	5% CHRYSOTILE	1	G	42-BS-12A			A			
48578	Grandview Public School	1	109	Classroom-2	No	No	WL	DJC		N/D			42-BS-15D						
48579	Grandview Public School	1	109	Classroom-2	Yes	Yes	WL	VER		ACTINOLITE/TERMOLITE	1	G	V/C 12890-02			D			Hidden Inside the hollow blocks
48580	Grandview Public School	1	109	Classroom-2	No	Yes	CL	CT	3	N/D			V/C 42-BS-10						
48581	Grandview Public School	1	109	Classroom-2	No	Yes	PI	PI-PC		35% CHRYSOTILE			V/C 42-BS-09						Abated 2016.
48586	Grandview Public School	1	110	Classroom-3	No	No	FL	VFT	4	N/D			V/C 42-BS-11						
48587	Grandview Public School	1	110	Classroom-3	Yes	Yes	WL	VER		ACTINOLITE/TERMOLITE	1	G	V/C 12890-02			D			Hidden Inside the hollow blocks
48588	Grandview Public School	1	110	Classroom-3	No	Yes	CL	CT	3	N/D			V/C 42-BS-10						
48589	Grandview Public School	1	110	Classroom-3	Yes	Yes	PI	PI-PC		35% CHRYSOTILE	10 Fittings	G	V/C 42-BS-09			D			
48590	Grandview Public School	1	111	Classroom-5	No	No	FL	VFT	4	N/D			42-BS-11A						
48591	Grandview Public School	1	111	Classroom-5	Yes	Yes	WL	VER		ACTINOLITE/TERMOLITE	1	G	V/C 12890-02			D			Hidden Inside the hollow blocks
48592	Grandview Public School	1	111	Classroom-5	No	Yes	CL	CT	3	N/D			V/C 42-BS-10						
48593	Grandview Public School	1	111	Classroom-5	Yes	Yes	PI	PI-PC		35% CHRYSOTILE	04 Fittings	G	V/C 42-BS-09			D			
48616	Grandview Public School	1	112	Classroom-7	No	No	FL	VFT	2				V/C 42-BS-03						Replaced VFT-White with blue specks
48617	Grandview Public School	1	112	Classroom-7	Yes	Yes	WL	VER		ACTINOLITE/TERMOLITE	1	G	V/C 12890-02			D			Hidden Inside the hollow blocks
48618	Grandview Public School	1	112	Classroom-7	No	Yes	CL	CT	3	N/D			V/C 42-BS-10						
48619	Grandview Public School	1	112	Classroom-7	Yes	Yes	PI	PI-PC		35% CHRYSOTILE	04 Fittings	G	V/C 42-BS-09			D			
48657	Grandview Public School	1	113	Stair # 2 (S2)	Yes	Yes	WL	VER		ACTINOLITE/TERMOLITE	1	G	V/C 12890-02			D			July 2018 Survey - Hidden inside hollow block.
48604	Grandview Public School	1	114	Classroom-8	No	No	FL	VFT	4	N/D			V/C 42-BS-11						
48607	Grandview Public School	1	114	Classroom-8	Yes	Yes	WL	VER		ACTINOLITE/TERMOLITE	1	G	V/C 12890-02			D			Hidden Inside the hollow blocks
48610	Grandview Public School	1	114	Classroom-8	No	Yes	CL	CT	3	N/D			V/C 42-BS-10						
48613	Grandview Public School	1	114	Classroom-8	Yes	Yes	PI	PI-PC		35% CHRYSOTILE	04 Fittings	G	V/C 42-BS-09			D			

APPENDIX I - ROOM BY ROOM ASBESTOS INVENTORY

 <div>MAPLE ENVIRONMENTAL INC. ENVIRONMENTAL HEALTH & SAFETY CONSULTANTS</div>	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-Paraging Cement PI-CP: Pipe Insulation-Caposite	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
	CONDITION G: Good F: Fair P: Poor							

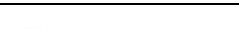
ID	Facility	Floor #	Room #	Room name	Has ACM	Friable	Struct. Elem.	Application	Material	Type	Qty	Condition	Sample #	Action	Ref #	Comments 1	Comments 2	Comments 3	Notes
48606	Grandview Public School	1	114B	Classroom-8B	No	No	FL	VFT	4	N/D			V/C 42-BS-11						
48609	Grandview Public School	1	114B	Classroom-8B	Yes	Yes	WL	VER		ACTINOLITE/TERMOLITE	1	G	V/C 12890-02			D			Hidden Inside the hollow blocks
48612	Grandview Public School	1	114B	Classroom-8B	No	Yes	CL	CT	3	N/D			V/C 42-BS-10						
48615	Grandview Public School	1	114B	Classroom-8B	Yes	Yes	PI	PI-PC		35% CHRYSOTILE	04 Fittings	G	V/C 42-BS-09			D			
48605	Grandview Public School	1	115	Classroom-8A	No	No	FL	VFT	4	N/D			V/C 42-BS-11						
48608	Grandview Public School	1	115	Classroom-8A	Yes	Yes	WL	VER		ACTINOLITE/TERMOLITE	1	G	V/C 12890-02			D			Hidden Inside the hollow blocks
48611	Grandview Public School	1	115	Classroom-8A	No	Yes	CL	CT	3	N/D			V/C 42-BS-10						
48614	Grandview Public School	1	115	Classroom-8A	Yes	Yes	PI	PI-PC		35% CHRYSOTILE	04 Fittings	G	V/C 42-BS-09			D			
48594	Grandview Public School	1	116	Classroom-6	No	No	FL	VFT	4	N/D			V/C 42-BS-11						
48596	Grandview Public School	1	116	Classroom-6	No	No	WL	DJC		N/D			42-BS-15C						
48598	Grandview Public School	1	116	Classroom-6	Yes	Yes	WL	VER		ACTINOLITE/TERMOLITE	1	G	V/C 12890-02			D			Hidden Inside the hollow blocks
48600	Grandview Public School	1	116	Classroom-6	No	Yes	CL	CT	3	N/D			V/C 42-BS-10						
48602	Grandview Public School	1	116	Classroom-6	Yes	Yes	PI	PI-PC		35% CHRYSOTILE	04 Fittings	G	V/C 42-BS-09			D			
48595	Grandview Public School	1	116A	Classroom-6A	No	No	FL	VFT	4	N/D			V/C 42-BS-11						
48597	Grandview Public School	1	116A	Classroom-6A	No	No	WL	DJC		N/D			42-BS-15C						
48599	Grandview Public School	1	116A	Classroom-6A	Yes	Yes	WL	VER		ACTINOLITE/TERMOLITE	1	G	V/C 12890-02			D			Hidden Inside the hollow blocks
48601	Grandview Public School	1	116A	Classroom-6A	No	Yes	CL	CT	3	N/D			V/C 42-BS-10						
48603	Grandview Public School	1	116A	Classroom-6A	Yes	Yes	PI	PI-PC		35% CHRYSOTILE	04 Fittings	G	V/C 42-BS-09			D			
48582	Grandview Public School	1	117	Classroom-4	No	No	FL	VFT	5				V/C 42-BS-12						Replaced VFT-White with blue specks
48583	Grandview Public School	1	117	Classroom-4	Yes	Yes	WL	VER		ACTINOLITE/TERMOLITE	1	G	V/C 12890-02			D			Hidden Inside the hollow blocks
48584	Grandview Public School	1	117	Classroom-4	No	Yes	CL	CT	3	N/D			V/C 42-BS-10						
48585	Grandview Public School	1	117	Classroom-4	Yes	Yes	PI	PI-PC		35% CHRYSOTILE	05 Fittings	G	V/C 42-BS-09			D			
48562	Grandview Public School	1	118	Hallway-H3	No	Yes	CL	CT	1	N/D			V/C 42-BS-02						
48563	Grandview Public School	1	118	Hallway-H3	Yes	Yes	WL	VER		ACTINOLITE/TERMOLITE	1	G	V/C 12890-02			D			Hidden Inside the hollow blocks
48564	Grandview Public School	1	118	Hallway-H3	Yes	Yes	PI	PI-PC		35% CHRYSOTILE	10 Fittings	G	V/C 42-BS-09			D			
48571	Grandview Public School	1	119	Girl's Washroom-3 by H3	No	No	CL	DJC		N/D			V/C 42-BS-15						
48569	Grandview Public School	1	120	Custodian-3 by H3	No	No	CL	DJC		N/D			42-BS-15E						
48570	Grandview Public School	1	120	Custodian-3 by H3	No	Yes	PI	PI-PC		35% CHRYSOTILE			V/C 42-BS-09						Removed 2015
48567	Grandview Public School	1	121	Boy's Washroom-4 by H3	No	No	CL	DJC		N/D			V/C 42-BS-15						Vermiculite may be present above drywall ceiling
48568	Grandview Public School	1	121	Boy's Washroom-4 by H3	Yes	Yes	WL	VER		ACTINOLITE/TERMOLITE	1	G	V/C 12890-02			D			Hidden Inside the hollow blocks
48534	Grandview Public School	1	122	Gym	Yes	No	FL	VFT	1	<0.25% CHRYSOTILE	1	G	42-BS-01A-C			A			July 2018 Survey - Removed in 2018 Results < 0.5%, treat as proactively ACM
48536	Grandview Public School	1	122	Gym	Yes	Yes	WL	VER		ACTINOLITE/TERMOLITE	1	G	V/C 12890-02			D			Hidden Inside the hollow blocks
48535	Grandview Public School	1	122A	Stage	Yes	No	FL	VFT	1	<0.25% CHRYSOTILE	1	G	42-BS-01A-C			A			July 2018 Survey - Removed in 2018 Results < 0.5%, treat as proactively ACM
48537	Grandview Public School	1	122A	Stage	Yes	Yes	WL	VER		ACTINOLITE/TERMOLITE	1	G	V/C 12890-02			D			Hidden Inside the hollow blocks
48531	Grandview Public School	1	122B	Gym Storage	Yes	No	FL	VFT	1	<0.25% CHRYSOTILE	1	G	V/C 42-BS-01			A			July 2018 Survey - Removed in 2018 Results < 0.5%, treat as proactively ACM
48532	Grandview Public School	1	122B	Gym Storage	Yes	Yes	WL	VER		ACTINOLITE/TERMOLITE	1	G	V/C 12890-02			D			Hidden Inside the hollow blocks
48533	Grandview Public School	1	122B	Gym Storage	Yes	No	TP	TP		20% CHRYSOTILE	10 LF	G	42-BS-08A & B			D			
48538	Grandview Public School	1	123	Girl's Change Room	No	No	FL	VFT	7	N/D			42-BS-14C						
48539	Grandview Public School	1	123	Girl's Change Room	No	No	CL	DJC		N/D			42-BS-15F						
48540	Grandview Public School	1	124	Boy's Change Room	No	No	FL	VFT	7	N/D			V/C 42-BS-14						
48541	Grandview Public School	1	124	Boy's Change Room	No	No	CL	DJC		N/D			V/C 42-BS-15						
48542	Grandview Public School	1	125	Custodian-4 by H5	No	No	FL	VFT	7	N/D			V/C 42-BS-14						
48543	Grandview Public School	1	125	Custodian-4 by H5	No	No	CL	DJC		N/D			V/C 42-BS-15						

APPENDIX I - ROOM BY ROOM ASBESTOS INVENTORY

	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-Parping Cement PI-CP: Pipe Insulation-Capstone	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 WC: Window Caulking	VSF: Vinyl Sheet Flooring V/C: Visually Consistent w/ Other Sampled Material			
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
48734	Grandview Public School	1	126	Boy's Washroom-7 by H5	No	No	WL	PL		N/D			18132 S01A-C						Sampled 18132
48545	Grandview Public School	1	126	Boy's Washroom-7 by H5	No	No	CL	DJC		N/D			V/C 42-BS-15						
48527	Grandview Public School	1	128	Staff Room	No	No	FL	VFT	7	N/D			42-BS-14A						
48528	Grandview Public School	1	128	Staff Room	Yes	Yes	WL	VER		ACTINOLITE/TERMOLITE	1	G	V/C 12890-02			D			Hidden Inside the hollow blocks
48529	Grandview Public School	1	128	Staff Room	No	Yes	CL	CT	3	N/D			V/C 42-BS-10						
48530	Grandview Public School	1	128	Staff Room	Yes	No	TP	TP		20% CHRYSOTILE	25 LF	G	V/C 42-BS-08			D			
48522	Grandview Public School	1	129	Girl's Washroom-6 by H6	No	Yes	CL	CT	3	N/D			V/C 42-BS-10						
48523	Grandview Public School	1	129	Girl's Washroom-6 by H6	Yes	No	TP	TP		20% CHRYSOTILE	12 LF	G	V/C 42-BS-08			D			
48524	Grandview Public School	1	130	Photocopy Room	No	No	FL	VFT	7	N/D			42-BS-14B						
48525	Grandview Public School	1	130	Photocopy Room	No	Yes	CL	CT	3	N/D			V/C 42-BS-10						
48526	Grandview Public School	1	130	Photocopy Room	Yes	No	TP	TP		20% CHRYSOTILE	18 LF	G	V/C 42-BS-08			D			
48516	Grandview Public School	1	131	EA Room by H6	No	No	FL	VFT	6	N/D			V/C 42-BS-13						
48517	Grandview Public School	1	131	EA Room by H6	No	Yes	CL	CT	3	N/D			V/C 42-BS-10						
48518	Grandview Public School	1	131	EA Room by H6	Yes	No	TP	TP		20% CHRYSOTILE	20 LF	G	V/C 42-BS-08			D			
48519	Grandview Public School	1	132	Electrical Room	No	No	FL	VFT	6	N/D			42-BS-13C						
48520	Grandview Public School	1	132	Electrical Room	No	Yes	CL	CT	3	N/D			V/C 42-BS-10						
48521	Grandview Public School	1	132	Electrical Room	Yes	No	TP	TP		20% CHRYSOTILE	10 LF	G	42-BS-08C			D			
48544	Grandview Public School	1	133	Boiler Room	No		N/A	N/A	N/A	N/D	N/A	N/A	N/A			N/A			
48546	Grandview Public School	1	134	Staff Washroom-5 by H5	Yes	No	FL	VFT	5	5% CHRYSOTILE	1	G	V/C 42-BS-12			A			
48547	Grandview Public School	1	134	Staff Washroom-5 by H5	No	No	CL	DJC		N/D			V/C 42-BS-15						
48548	Grandview Public School	1	134	Staff Washroom-5 by H5	No	No	WL	DJC		N/D			V/C 42-BS-15						
48658	Grandview Public School	1	136	Stair # 1 (S1)	Yes	Yes	WL	VER		ACTINOLITE/TERMOLITE	1	G	V/C 12890-02			D			July 2018 Survey - Hidden inside hollow block.
48507	Grandview Public School	1	NA	Classroom-17	No	No	FL	VFT	6	N/D			42-BS-13B						Demolished
48508	Grandview Public School	1	NA	Classroom-17	No	Yes	CL	CT	3	N/D			V/C 42-BS-10						Demolished
48504	Grandview Public School	1	NA	Classroom-18	No	No	FL	VFT	3	5% CHRYSOTILE			42-BS-07B & C						Demolished
48505	Grandview Public School	1	NA	Classroom-18	No	Yes	CL	CT	1	N/D			V/C 42-BS-02						Demolished
48506	Grandview Public School	1	NA	Classroom-18	No	Yes	CL	CT	3	N/D			V/C 42-BS-10						Demolished
48501	Grandview Public School	1	NA	Classroom-19	No	No	FL	VFT	3	5% CHRYSOTILE			42-BS-07A						Demolished
48502	Grandview Public School	1	NA	Classroom-20	No	No	FL	VFT	4	N/D			V/C 42-BS-11						Demolished
48503	Grandview Public School	1	NA	Classroom-20	No	Yes	CL	CT	3	N/D			V/C 42-BS-10						Demolished
48499	Grandview Public School	1	NA	Classroom-21	No	No	FL	VFT	6	N/D			V/C 42-BS-13						Demolished
48500	Grandview Public School	1	NA	Classroom-21	No	Yes	CL	CT	4	N/D			N/S						Demolished
48497	Grandview Public School	1	NA	Classroom-22	No	No	FL	VFT	6	N/D			42-BS-13A						Demolished
48498	Grandview Public School	1	NA	Classroom-22	No	Yes	CL	CT	3	N/D			42-BS-02A & B						Demolished
48487	Grandview Public School	1	NA	Classroom-23	No	No	FL	VFT	4	N/D			V/C 42-BS-11						Demolished
48488	Grandview Public School	1	NA	Classroom-23	No	Yes	CL	CT	3	N/D			V/C 42-BS-10						Demolished
48485	Grandview Public School	1	NA	Classroom-24	No	No	FL	VFT	7	N/D			V/C 42-BS-14						Demolished
48486	Grandview Public School	1	NA	Classroom-24	No	Yes	CL	CT	2	N/D			42-BS-04A-C						Demolished
48509	Grandview Public School	1	NA	Hallway-H6	No	No	FL	VSF	1	N/D			V/C 42-BS-06						Demolished
48510	Grandview Public School	1	NA	Hallway-H6	No	Yes	CL	CT	1	N/D			V/C 42-BS-02			C			Demolished
48511	Grandview Public School	1	NA	Hallway-H6	No	No	TP	TP		20% CHRYSOTILE			V/C 42-BS-08						Demolished
48491	Grandview Public School	1	NA	Hallway-H7	No	No	FL	VSF	1	N/D			42-BS-06B & C						Demolished
48492	Grandview Public School	1	NA	Hallway-H7	No	Yes	CL	CT	1	N/D			V/C 42-BS-02						Demolished
48493	Grandview Public School	1	NA	Hallway-H7	No	Yes	CL	CT	3	N/D			V/C 42-BS-10						Demolished
48483	Grandview Public School	1	NA	Hallway-H8	No	No	FL	VSF	1	N/D			42-BS-06A						Demolished
48484	Grandview Public School	1	NA	Hallway-H8	No	Yes	CL	CT	1	N/D			42-BS-02C						Demolished
48494	Grandview Public School	1	NA	Hallway-H9	No	No	FL	VSF	1	N/D			V/C 42-BS-06						Demolished
48495	Grandview Public School	1	NA	Hallway-H9	No	Yes	CL	CT	1	N/D			V/C 42-BS-02						Demolished
48496	Grandview Public School	1	NA	Hallway-H9	No	Yes	CL	CT	3	N/D			V/C 42-BS-10						Demolished

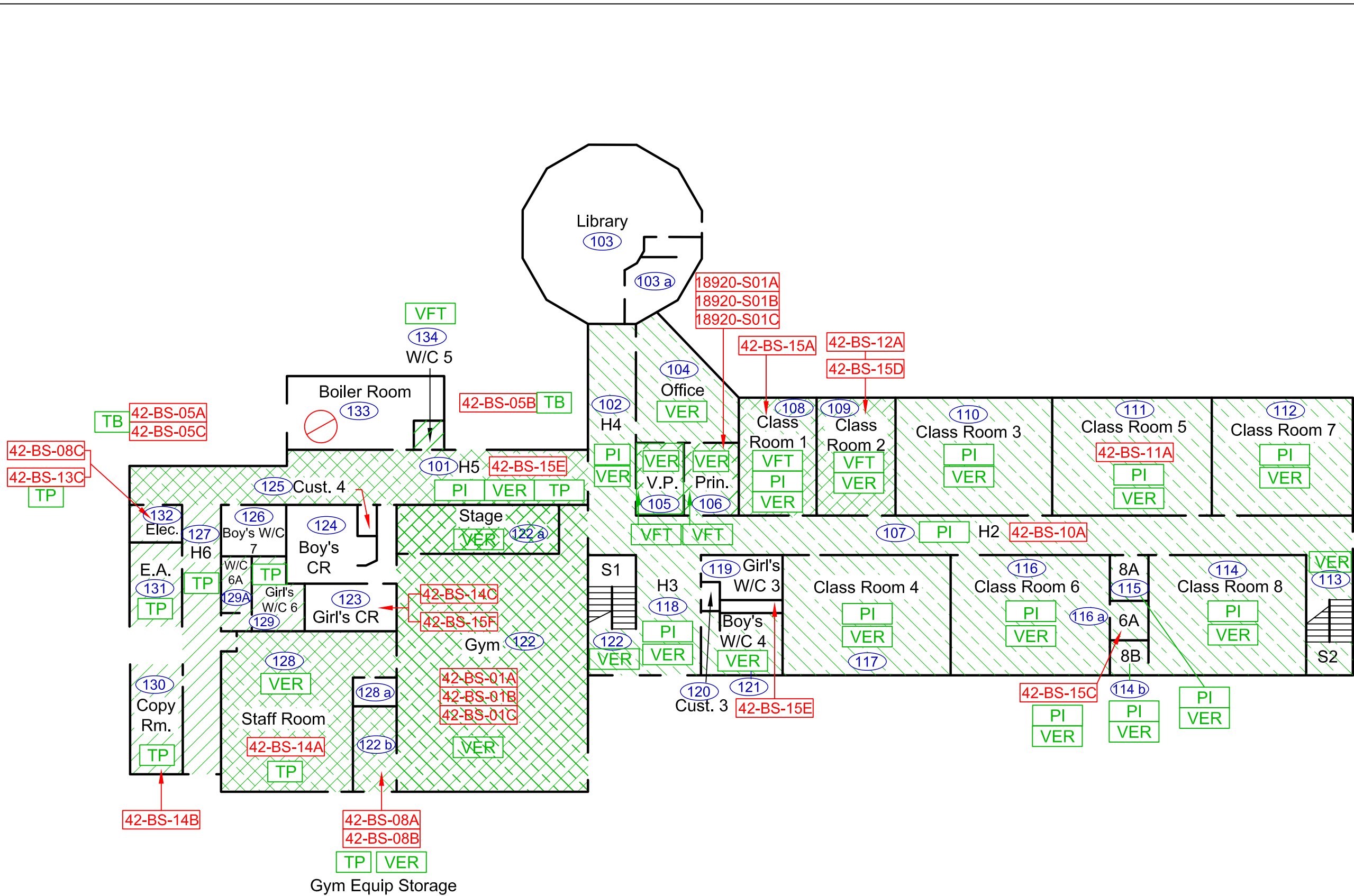
APPENDIX I - ROOM BY ROOM ASBESTOS INVENTORY

	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-Caposite	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
	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
48489	Grandview Public School	1	NA	Room-25 (Storage)	No	No	FL	VFT	5	5% CHRYSOTILE			V/C 42-BS-12						Demolished
48490	Grandview Public School	1	NA	Room-25 (Storage)	No	Yes	CL	CT	3	N/D			V/C 42-BS-10						Demolished
48659	Grandview Public School	2	201	Stair # 1	Yes	Yes	WL	VER		ACTINOLITE/TERMOLITE	1	G	V/C 12890-02			D			July 2018 Survey - Hidden inside hollow block.
48648	Grandview Public School	2	203	Custodian-1	No	No	CL	DJC		N/D			42-BS-15B						
48649	Grandview Public School	2	203	Custodian-1	Yes	Yes	WL	VER		ACTINOLITE/TERMOLITE	1	G	V/C 12890-02			D			Hidden Inside the hollow blocks
48650	Grandview Public School	2	203	Custodian-1	Yes	No	FL	VFT	2	5% CHRYSOTILE	1	G	V/C 42-BS-03			A			
48641	Grandview Public School	2	204	Classroom-9	No	No	FL	VFT	4	N/D			V/C 42-BS-11						NOTED IN PREVIOUS REPORT - NOT OBSERVED
48642	Grandview Public School	2	204	Classroom-9	Yes	Yes	WL	VER		ACTINOLITE/TERMOLITE	1	G	V/C 12890-02			D			Hidden Inside the hollow blocks
48643	Grandview Public School	2	204	Classroom-9	No	Yes	CL	CT	3	N/D			V/C 42-BS-10						
48635	Grandview Public School	2	205	Classroom-11	No	No	FL	VFT	4	N/D			42-BS-11C						
48636	Grandview Public School	2	205	Classroom-11	Yes	Yes	WL	VER		ACTINOLITE/TERMOLITE	1	G	V/C 12890-02			D			Hidden Inside the hollow blocks
48637	Grandview Public School	2	205	Classroom-11	No	Yes	CL	CT	3	N/D			V/C 42-BS-10						
48626	Grandview Public School	2	206	Classroom-13	No	No	FL	VFT	1	<0.25% CHRYSOTILE			V/C 42-BS-01						Removed 2015
48627	Grandview Public School	2	206	Classroom-13	Yes	Yes	WL	VER		ACTINOLITE/TERMOLITE	1	G	V/C 12890-02			D			Hidden Inside the hollow blocks
48628	Grandview Public School	2	206	Classroom-13	No	Yes	CL	CT	3	N/D			V/C 42-BS-10						
48654	Grandview Public School	2	207	Classroom-15	No	No	FL	VFT	5				42-BS-12C						Replaced VFT-White with blue specks
48655	Grandview Public School	2	207	Classroom-15	Yes	Yes	WL	VER		ACTINOLITE/TERMOLITE	1	G	V/C 12890-02			D			Hidden Inside the hollow blocks
48656	Grandview Public School	2	207	Classroom-15	No	Yes	CL	CT	3	N/D			42-BS-10B						
48620	Grandview Public School	2	208	Classroom-16	No	No	FL	VFT	2				42-BS-03B						Replaced VFT-White with blue specks
48621	Grandview Public School	2	208	Classroom-16	Yes	Yes	WL	VER		ACTINOLITE/TERMOLITE	1	G	V/C 12890-02			D			Hidden Inside the hollow blocks
48622	Grandview Public School	2	208	Classroom-16	No	Yes	CL	CT	3	N/D			42-BS-10C						
48660	Grandview Public School	2	209	Stair # 2	Yes	Yes	WL	VER		ACTINOLITE/TERMOLITE	1	G	V/C 12890-02			D			July 2018 Survey - Hidden inside hollow block.
48623	Grandview Public School	2	210	Classroom-14	Yes	No	FL	VFT	2	5% CHRYSOTILE	1	G	42-BS-03A			A			
48624	Grandview Public School	2	210	Classroom-14	Yes	Yes	WL	VER		ACTINOLITE/TERMOLITE	1	G	V/C 12890-02			D			Hidden Inside the hollow blocks
48625	Grandview Public School	2	210	Classroom-14	No	Yes	CL	CT	3	N/D			V/C 42-BS-10						
48629	Grandview Public School	2	211	Photocopy Room-14A	Yes	No	FL	VFT	2	5% CHRYSOTILE	1	G	V/C 42-BS-03			A			
48630	Grandview Public School	2	211	Photocopy Room-14A	Yes	Yes	WL	VER		ACTINOLITE/TERMOLITE	1	G	V/C 12890-02			D			Hidden Inside the hollow blocks
48631	Grandview Public School	2	211	Photocopy Room-14A	No	No	CL	DJC		N/D			42-BS-15G						
48632	Grandview Public School	2	212	Classroom-12	No	No	FL	VFT	4	N/D			42-BS-11B						
48633	Grandview Public School	2	212	Classroom-12	Yes	Yes	WL	VER		ACTINOLITE/TERMOLITE	1	G	V/C 12890-02			D			Hidden Inside the hollow blocks
48634	Grandview Public School	2	212	Classroom-12	No	Yes	CL	CT	3	N/D			V/C 42-BS-10						
48638	Grandview Public School	2	213	Classroom-10	No	No	FL	VFT	4	N/D			V/C 42-BS-11						VFT-2 Noted in previous report- Observed VFT1
48639	Grandview Public School	2	213	Classroom-10	Yes	Yes	WL	VER		ACTINOLITE/TERMOLITE	1	G	V/C 12890-02			D			Hidden Inside the hollow blocks
48640	Grandview Public School	2	213	Classroom-10	No	Yes	CL	CT	3	N/D			V/C 42-BS-10						
48646	Grandview Public School	2	214	Girl's Washroom	No	No	CL	DJC		N/D			V/C 42-BS-15						
48647	Grandview Public School	2	214	Girl's Washroom	Yes	Yes	WL	VER		ACTINOLITE/TERMOLITE	1	G	V/C 12890-02			D			Hidden Inside the hollow blocks
48651	Grandview Public School	2	215	Custodian-2	No	No	CL	DJC		N/D			V/C 42-BS-15						
48652	Grandview Public School	2	215	Custodian-2	Yes	Yes	WL	VER		ACTINOLITE/TERMOLITE	1	G	V/C 12890-02			D			Hidden Inside the hollow blocks
48653	Grandview Public School	2	215	Custodian-2	No	Yes	PI	PI-PC		35% CHRYSOTILE			42-BS-09A-C						Removed 2015
48644	Grandview Public School	2	216	Boy's Washroom	No	No	CL	DJC		N/D			V/C 42-BS-15						
48645	Grandview Public School	2	216	Boy's Washroom	Yes	Yes	WL	VER		ACTINOLITE/TERMOLITE	1	G	V/C 12890-02			D			Hidden Inside the hollow blocks
48479	Grandview Public School	NA		EXTERIOR	No	No	RF	RM	NA	ACM ASSUMED	1	G	NS			C			sample prior to renovation
48480	Grandview Public School	NA		EXTERIOR	No	No	WN	WC	NA	ACM ASSUMED	1	G	NS			A, C			sample prior to renovation
48481	Grandview Public School	NA		Outside Exit-1	Yes	No	WL	TB	1	20% CHRYSOTILE	1	G	42-BS-05A & C			C			
48482	Grandview Public School	NA		Outside Exit-1	Yes	No	WL	TB	1	20% CHRYSOTILE	1	G	42-BS-05B			C			

APPENDIX II

DRAWINGS



LEGEND

- 01-BS-01A

Jacques Whitford Sample Locations
- #

Ebase Number
- No Access

CONFIRMED ACM

SYMBOL	DESCRIPTION
	Friable Asbestos-Containing Material
	Non-Friable Asbestos-Containing Material
	Pipe Insulation (Friable Asbestos-Containing Material)
	Vermiculite Insulation (Friable Asbestos-Containing Material)
	Transite Pipe / Board (Non-Friable Asbestos-Containing Material)
	Vinyl Floor Tile (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.

Grandview Public School

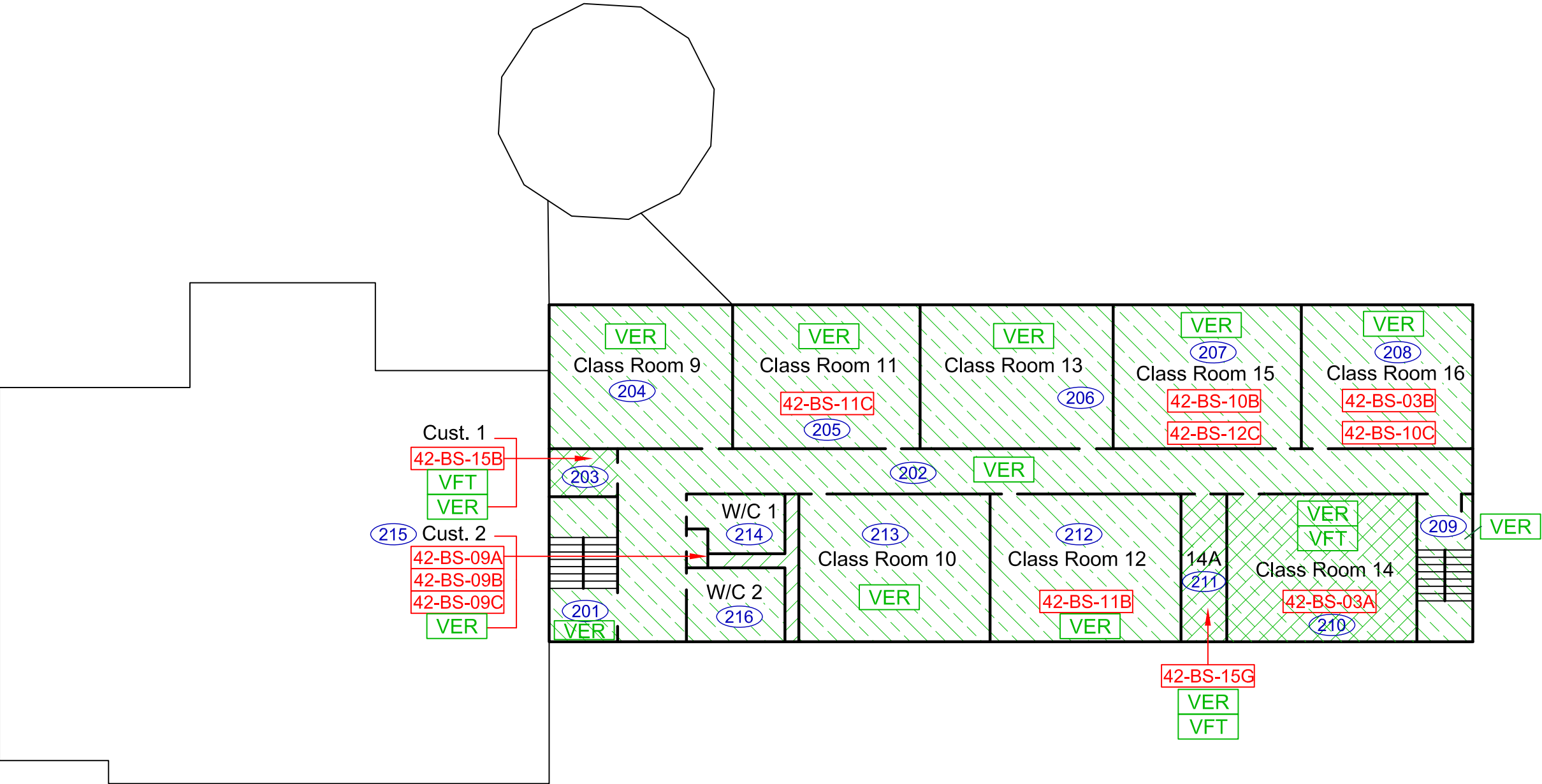
684 HWY #7A
Bethany, Ontario

First Floor Plan

Asbestos Materials Re-Assessment Survey

CLIENT: Trillium Lakelands District School Board

PROJECT NUMBER: 18736-33	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



No Access

CONFIRMED ACM

SYMBOL	DESCRIPTION
	Friable Asbestos-Containing Material
	Non-Friable Asbestos-Containing Material
	Pipe Insulation (Friable Asbestos-Containing Material)
	Vermiculite Insulation (Friable Asbestos-Containing Material)
	Transite Pipe / Board (Non-Friable Asbestos-Containing Material)
	Vinyl Floor Tile (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.

Grandview Public School

684 HWY #7A
Bethany, Ontario

Second Floor Plan

Asbestos Materials Re-Assessment Survey

CLIENT: Trillium Lakelands District School Board

PROJECT NUMBER: 18736-33

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	Light grey	12 x 12	42-BS-01A-C	Gym	<0.25% (Treat as proactive PCM)
VFT-2	Vinyl Floor Tiles	Light green	12x 12	42-BS-03A-C	Room 14, 16 & 13	5% Chrysotile
VFT-3	Vinyl Floor Tiles	Cream with maroon streaks	12x 12	42-BS-07A-C	Room 19 & 18	5% Chrysotile
VFT-4	Vinyl Floor Tiles	Cream with blue smears	12 x 12	42-BS-11A-C	Rm 5 ,11 & 12	None
VFT-5	Vinyl Floor Tiles	Beige	12 x 12	42-BS-12A-C	Room-2, 10 & 15	5% Chrysotile
VFT-6	Vinyl Floor Tiles	Cream with brown streaks	12 x 12	42-BS-13A-C	Room 22 ,17 & Electrical Storage	None
VFT-7	Vinyl Floor Tiles	Brown with grey smears	12 x 12	42-BS-14A-C	Staff Rm, Photocopy Rm & Girl's Change Rm	None
CT-1	Ceiling Tiles	Small fissure pimhole pattern	2 x 4	42-BS-02A-C	Room 22, 22 & H8	None
CT-2	Ceiling Tiles	Dot pattern	1 x 1	42-BS-04A-C	Room 24	None
CT-3	Ceiling Tiles	Medium fissure pimhole pattern	2 x 4	42-BS-10A-C	H2, Room 15 & 16	None
CT-4	Ceiling Tiles	Fibber Glass	2 x 4	Not sampled	Not Applicable	None
VSF-1	Vinyl Sheet Flooring	Cream with blue streaks		42-BS-06A-C	Hallway 8 & 7	None