

DETAILED ASBESTOS-CONTAINING BUILDING MATERIALS SURVEY REPORT



DURHAM DISTRICT SCHOOL BOARD VAUGHAN WILLARD PUBLIC SCHOOL 1911 DIXIE ROAD NORTH PICKERING, ONTARIO

Presented to:

Durham District School Board
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Maple Project No. 16312-096

Executive Summary

Maple Environmental Inc. ("Maple") was retained by the Durham District School Board ("DDSB") to perform a Detailed Asbestos Survey of Vaughan Willard Public School, located at 1911 Dixie Road North, Pickering, Ontario (the "Site"). The findings of the current Survey are summarized below. Please refer to the main body of this Report for details regarding all asbestos-containing materials.

FINDINGS

A summary of the asbestos-containing materials identified within the building at the time of the Current Assessment are provided in Table A.

Table A: Summary of Identified Asbestos-Containing Materials

ASBESTOS BUILDING MATERIALS SUMMARY							
MATERIAL		ASBESTOS			FRIABILITY		Remedial Work Required
		Yes	No	Suspect	Friable	Potentially Non-Friable	
Sprayed Fireproofing			X		X		NO
Texture Coat 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
Acoustic Ceiling Tiles			X			X	NO
Vinyl Sheet Flooring			X			X	NO
Textured Plaster Finishes				X		X	YES
Smooth Plaster Finishes			X			X	NO
Vinyl Floor Tiles		X					X YES
Asbestos Cement (Transite)				X			X NO
Drywall Joint Compound				X		X	YES
Vermiculite				X	X		NO
Other (Firestop)			X		X		X NO

These materials were generally observed to be in GOOD condition except for the damaged materials identified in Table B.

Table B - Summary of Damaged Suspect Asbestos-Containing Materials

Material	Condition	
	FAIR	POOR
Damaged drywall joint compound within eBase #109 (Child Care Room), within the closet	1 SF	--
Damaged drywall joint compound within eBase #134 (Storage Room)	1 SF	--
Damaged drywall joint compound within eBase #152 (Boiler Room)	5 SF	--
Damaged vinyl floor tiles within eBase #121 (Staff Room)	--	3 SF
Damaged vinyl floor tiles within eBase #131 (General Purpose Room)	--	6 SF
Damaged vinyl floor tiles within eBase #134 (Storage Room)	--	10 SF
Damaged textured plaster wall finishes within eBase #171 (Exterior)	5 SF	--

Recommendations

Using Type 1 Asbestos procedures, repair damaged drywall joint compound applied to wall and ceiling finishes within eBase #109 (1 SF) and eBase #134 (1 SF) in FAIR condition.

Using Type 1 Asbestos procedures, repair damaged drywall joint compound applied to ceiling finishes within eBase #152 (5 SF) in FAIR condition.

Using Type 1 Asbestos procedures, remove damaged vinyl floor tiles within eBase #121 (3 SF), eBase #131 (6 SF), and eBase #134 (10 SF) in POOR condition.

Using Type 2 Asbestos procedures, repair damaged textured plaster wall finishes within eBase #171 (5 SF) in FAIR condition.

As bulk samples of drywall joint compound and textured plaster were not collected as a part of the current survey or past surveys, the material is suspected to contain asbestos until representative sampling proves non-ACM.

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

Due to the presence of ACM within the building, DDSB must maintain their existing Asbestos Management Program for this property. A reassessment of known ACM is to be conducted at least once annually in accordance with O. Reg. 278/05.

Appropriate procedures for all identified ACM in the building must be observed if these materials are likely to be disturbed by scheduled renovations. Please refer to Section 5.0 of the Report to review the required disturbance procedures for these materials.

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1.0 INTRODUCTION

Maple Environmental Inc. ("Maple") was retained by the Durham District School Board ("DDSB") to conduct a detailed Asbestos Survey within Vaughan Willard Public School, located at 1911 Dixie Road North, Pickering, Ontario (the "Site"), and to provide recommendations to fulfill requirements set forth within Ontario Regulation 278/05.

The findings of the Asbestos Survey are contained in the following Report. The fieldwork was completed by Maple representative Ms. Sarah Doyle on November 15, 2017.

The Site consists of an educational facility that was originally constructed in 1956, with additions in 1965, 1980, and 2007. The floor space of the school is approximately 37,362 square feet over one level with upper Mechanical Room.

2.0 ONTARIO ASBESTOS REGULATIONS

Three regulations govern the control, handling, transport and disposal of asbestos in Ontario: Ontario Regulation 278/05, *The Regulation Respecting Asbestos on Construction Projects and in Buildings and Repair Operations* under the Occupational Health and Safety Act; Ontario Regulation 558 under the Environmental Protection Act; and the *Regulation Respecting the Handling and Offering for Transport and Transporting of Dangerous Goods*. Two of these regulations are briefly outlined below.

2.1 Ontario Regulation 278/05

Ontario Regulation 278/05 ("O.Reg. 278/05") applies to buildings with regards to maintenance, renovations or demolition work where ACM is present and may be disturbed. The regulation requires all buildings where asbestos has been used as part of the building to implement an Asbestos Management Program (AMP).

The major requirements of the AMP include:

- Preparation and maintenance of an on-site record of where asbestos material is located;
- Written notification provided to tenants or lessees occupying space where asbestos is present;
- Advise workers of the owner, other staff and outside contractors of the presence and location of ACM;
- Institute and maintain a program for the training and instruction of every worker employed in the building that is likely to work in close proximity to and may disturb asbestos. Such training must include;
 - o health effects of exposure,
 - o the use, care and disposal of personal protective equipment and personal hygiene, and
 - o work practices prescribed by the Regulation.

- Update the asbestos report minimum of every 12 months.
- Preparation of written asbestos work practices;
- Repair or removal of all damaged asbestos where it may be disturbed; and
- Other record keeping.

O.Reg. 278/05 requires that a detailed asbestos-containing building materials inventory must be performed in all buildings where asbestos materials are likely to be present. The inventory must be available at the work place and must identify the type of asbestos, and location of asbestos on a room-by-room basis. The following report meets or exceeds the requirements for an asbestos survey under O.Reg. 278/05.

2.2 Ontario Regulation 558

Ontario Regulation 558 ("O.Reg. 558") applies to the transport of asbestos waste from the location of generation to a landfill site authorized to receive asbestos waste. The method also prescribes procedures for the handling of asbestos waste 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 asbestos waste is to be transported as directly as possible to the landfill site once it leaves the Site.

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

3.0 INVENTORY SCOPE AND METHODOLOGY

The survey was performed on a non-intrusive, room-by-room basis. To determine the location of ACM in the building, the project technologist entered each room, service area, etc. where practical (i.e. where access was possible without the demolition of walls, roofs, ceilings, or flooring). Representative views were made above accessible suspended ceiling systems. Drywall or plaster ceilings were accessed via existing ceiling access panels only.

The scope of the survey included all friable and major non-friable material 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, texture coat finishes, and mechanical insulations. Typical non-friable materials include: asbestos cement (transite) products, vinyl floor tiles, and drywall joint compound. Additional materials such as acoustic ceiling tiles and vinyl sheet flooring are classified as non-friable, but because of their ability to release dust when disturbed are considered as "potentially friable" for the purpose of this report.

3.1 Asbestos Sampling Strategy and Analytical Methods

Where possible, Maple utilized the observations and representative bulk sampling results from previous Survey Reports that were made available at the time of the survey.

Maple utilized sampling data from the following sources:

- July 19, 2007 – Building Survey Consultants – Polarized Light Microscopy Bulk Sample Results (Project No. D0707600);
- May 2006 – Building Survey Consultants – Polarized Light Microscopy Bulk Sample Results (Project No. A0511984);
- August 11, 2005 – Analysis of Bulk Samples;
- June 20, 2002 – Analysis of Bulk Samples;
- March 30, 2001 – TS Health & Safety Consultants – Polarized Microscopy Results (Project No. A104); and
- September 27, 1990 – T. Harris Partnership Inc. – Bulk Sample Analysis Report.

Maple reviewed the sampling protocol of the previous reports to ensure the samples were collected with sufficient frequency to obtain a general pattern of asbestos use within the building and in accordance with O. Reg. 278/05 sampling requirements.

Due to building renovations or modifications that may have occurred in the past, the consistency of the application of asbestos in drywall and plaster may not be uniform throughout the entire Site. It is important to note that without sampling every wall, ceiling, etc. it is not possible to identify the possible asbestos content in every material present in the building. For this reason, all drywall joint compound will be considered as suspect materials until sampling proves otherwise.

3.2 Asbestos Assessment Criteria

The recommendations and suggestions made as part of this Report with respect to asbestos have taken into account the points described below. The evaluation takes into consideration the condition and accessibility of the asbestos material as well as other factors such as water damage, vibration, air movement, and general activities in the area.

Where ACM was found to be in GOOD condition with no visible damage and was not likely to deteriorate or fall during regular activities taking place in the location, the general recommendation would be to re-evaluate the condition of the material on an annual basis as required by O. Reg. 278/05. This recommendation can be subject to change if the material is located in a space where persons untrained in asbestos awareness or the general public could physically damage it and release asbestos fibres.

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 project technologist recorded the following information about the ACM identified:

- Quantity;
- Condition (GOOD, FAIR, or POOR); and
- Accessibility (A, B, C, D or E) of each suspect material.

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).

3.3 Drawings

Drawings included in Appendix III reference eBase Numbers on the Room-by-Room Asbestos Inventory (included in Appendix II). Drawings are not to scale and are to represent general areas only. Drawings indicate the general location of ACM identified as part of the assessment. However, it is important to note that it is not practicable to indicate the precise location of all ACMs.

3.4 Limitations and Omissions from Scope

As the Detailed Asbestos Survey was conducted on a non-intrusive basis, it did not include the demolition of building systems or finishes in order to observe concealed locations.

Further, during a standard ACM inventory performed for the purposes of regulatory compliance, it is industry practice to exclude some types of suspected ACMs from sampling. These materials are often excluded from sampling due to the risk of compromising the health and safety of the project technologist, other building occupants, or the integrity of the systems with which these materials are associated. Examples of such materials include; "Transite" asbestos cement piping, flex-duct connection joints, elevator brakes, roofing felts and mastics, high voltage wiring,

mechanical packing and gaskets, underground services or piping, fire-doors, and levelling compounds. Where observed, these materials were presumed to be ACM. Further, no identification was made of asbestos products directly involved in manufacturing processes, operations, or equipment.

It should be noted there was no access into eBase #201 during the current assessment.

4.0 INVENTORY FINDINGS

4.1 General

The following is a brief discussion of the extent to which ACM was identified in the building at the time of the current Survey. The discussion is organized under the headings of materials that are generally suspected of containing asbestos.

Twenty (20) bulk samples were collected for the determination of asbestos content and submitted to the lab for analysis. Due to the presence of more than one phase of material in some of the original samples the laboratory may have performed multiple analysis for some samples. Additionally, some of the samples may not have been analysed due to the positive confirmation of asbestos in a previous sample of the same material during analysis. As a result, a total of twenty-four (24) samples were analysed.

Please refer to the Room-by-Room Asbestos Inventory presented in Appendix II for more detailed information as to the location, estimated quantity, and condition of the ACM product at the time of the Survey.

Table 1 Summary of Analysis of Bulk Samples Vaughan Willard Public School			
Sample No.	Sample Location	Sample Description	Result
S01A	eBase #119	12x12 Off-White Vinyl Floor Tile	1% CH
S01B	eBase #119	12x12 Off-White Vinyl Floor Tile	NA
S01C	eBase #119	12x12 Off-White Vinyl Floor Tile	NA
S02A	eBase #120	12x12 White with Black Fleck Vinyl Floor Tile	ND
S02B	eBase #120	12x12 White with Black Fleck Vinyl Floor Tile	ND
S02C	eBase #120	12x12 White with Black Fleck Vinyl Floor Tile	ND
S03A	eBase #121A	12x12 White and Grey Fleck Vinyl Floor Tile	ND
S03B	eBase #121A	12x12 White and Grey Fleck Vinyl Floor Tile	ND
S03C	eBase #121B	12x12 White and Grey Fleck Vinyl Floor Tile	ND

Table 1 Summary of Analysis of Bulk Samples Vaughan Willard Public School			
Sample No.	Sample Location	Sample Description	Result
S04A	eBase #126	12x12 Peach Vinyl Floor Tile	1% CH
		Black Mastic	ND
S04B	eBase #127	12x12 Peach Vinyl Floor Tile	NA
		Black Mastic	ND
S04C	eBase #127	12x12 Peach Vinyl Floor Tile	NA
		Black Mastic	ND
S05A	eBase #110	12x12 Brown Fleck Vinyl Floor Tile	ND
		Black Mastic	ND
S05B	eBase #110	12x12 Brown Fleck Vinyl Floor Tile	ND
		Black Mastic	ND
S05C	eBase #110	12x12 Brown Fleck Vinyl Floor Tile	ND
		Black Mastic	ND
S06A	eBase #112	12x12 Beige with Brown Fleck Vinyl Floor Tile	ND
S06B	eBase #112A	12x12 Beige with Brown Fleck Vinyl Floor Tile	ND
		Black Mastic	ND
S06C	eBase #112A	12x12 Beige with Brown Fleck Vinyl Floor Tile	ND
		Black Mastic	ND
S07A	eBase #146	2x4 Width-Wise Fissure	ND
S07B	eBase #146	2x4 Width-Wise Fissure	ND

CH – Chrysotile, ND – None Detected, NA – Not Analysed

It should be noted that due to the presence of solid walls and ceilings (i.e. cinder block walls and above solid ceilings) throughout the survey area, access for viewing within the wall and ceiling cavities was not always possible. Suspect asbestos-containing materials may be present within wall and ceiling cavities that were not identified in this report. Caution should be taken when demolishing solid walls and ceilings within the areas being surveyed.

4.1.1 Sprayed Fireproofing (Friable)

No sprayed fireproofing was observed within the building at the time of the current assessment.

4.1.2 Mechanical Insulations (Friable)

Asbestos and non-asbestos containing mechanical insulations were identified throughout the building at the time of the assessment. Mechanical insulations are applied to the following systems:

- Pipe Systems (included insulation on pipe fittings and pipe straights);
- Duct Systems; and
- Mechanical Equipment.

Pipe Systems

Pipe Straights

No asbestos-containing pipe straight insulation was identified within the building at the time of the assessment.

Pipe straights observed within the building are either not insulated, or are insulated within fibreglass or PVC, which are not suspected to contain asbestos.

It should be noted that pipe straight insulation was previously sampled by Others (Sample A1064-02) and was found to contain **>75% Chrysotile asbestos**. The subject pipe straight insulation was not identified during the current survey, however, may still be present within the building. Caution should be taken when disturbing solid ceiling finishes as asbestos may be present above.

Additionally, brown cellulose insulation, which was not observed during the current assessment, was previously sampled by Others (Sample 600-01) and was found not to contain asbestos.

Pipe Fittings

Asbestos and non-asbestos pipe fitting insulation (which may include on elbows, valves, tees, hangars, etc.) were identified within the building at the time of the assessment.

Parging cement insulation was previously sampled by Others (A1064-05, Sample 3) and was found to contain **25-50% and 30-35% Chrysotile asbestos**. Parging cement insulation was also found not to contain asbestos (A1064-01, A1064-10, Sample #1, Sample #2, Sample 1). However, due to the positive confirmation of asbestos within a visually similar material, all parging cement insulation should be assumed to contain asbestos until specific sampling proves otherwise.

The asbestos-containing parging cement fittings were observed to be in GOOD condition at the time of the current assessment. Refer to Room-by-Room data in Appendix II for locations and quantities.

All remaining pipe fittings observed within the building are either not insulated, or insulated with fibreglass or PVC, which are not suspected to contain asbestos.

Duct Systems

Duct systems observed throughout the building are either not insulated or are insulated with fibreglass, which is not suspected to contain asbestos.

Mechanical Equipment

Mechanical systems observed throughout the building were observed to be externally not insulated and therefore not suspected to contain asbestos.

4.1.3 Texture Coat Finish (Friable)

No texture coat finishes were observed within the building at the time of the assessment.

4.1.4 Plaster (Potentially Friable)

- **Textured Plaster**

Textured plaster finishes were observed as wall finishes on the exterior of the building at the time of the assessment.

Representative samples of the material were not collected at the time of the current assessment; however, the material was previously sampled by Others (A1064-09) and was found not to contain asbestos. According to sampling protocol outlined in O. Reg 278/05, additional samples of textured plaster finishes are required in order to determine asbestos content. Textured plaster finishes are suspected to contain asbestos until sampling proves otherwise.

Suspect asbestos-containing textured plaster finishes were observed to range from GOOD to FAIR condition at the time of the current assessment. Refer to Room-by-Room data in Appendix II for quantities and conditions.

4.1.5 Acoustic Ceiling Tiles (Potentially Friable)

No asbestos-containing acoustic ceiling tiles were identified within the building at the time of the assessment.

Five (5) visually distinct types of acoustic ceiling tiles were observed within the building. A brief description of each ceiling tile is outlined below:

- AT-01 – 2x4 Small and Medium Pinhole

AT-01 was not suspected to contain asbestos as the tile was visually confirmed to be new based on the manufacturing date code (2/7/09) stamped on the back side of the tiles.

- AT-02 – 2x4 Pinhole Fleck

AT-02 was not suspected to contain asbestos as the tile was visually confirmed to be new based on the manufacturing date code (7/19/16) stamped on the back side of the tiles.

- AT-03 – 2x4 Square Pattern

AT-03 was not suspected to contain asbestos as the tile was visually confirmed to be new based on the manufacturing date code (14/6/09) stamped on the back side of the tiles.

- AT-04 – 2x4 Width-Wise Fissure

AT-04 was previously sampled by Others (Sample A1064-03) and was found not to contain asbestos. In order to meet the sampling protocol outlined in O. Reg 278/05, two (2) additional representative samples (Sample Set S07A-B) of AT-04 were collected during the current assessment and analysed for the determination of asbestos. Analysis of Sample Set S07 found that the samples do not contain asbestos.

- AT-05 – 2x4 Flat White Gypsum Board

No bulk samples of AT-05 were collected during the current assessment as the tile was visually confirmed to be constructed out of gypsum board, and therefore not suspected to contain asbestos.

4.1.6 Drywall Joint Compound (Potentially Friable)

Joint compound applied to drywall finishes was observed throughout the building at the time of the assessment.

Representative samples of the material were not collected at the time of the current assessment. Due to the various building construction phases and renovations in the building and the non-homogeneous application of asbestos in joint compound, the joint compound previously sampled may not be a true representation of all drywall finished throughout the entire building. As such, all joint compound is suspected to be asbestos-containing until representative sampling proves otherwise. It is recommended that prior to disturbing any drywall with joint compound applied, the material be sampled and asbestos content determined.

Drywall with joint compound applied was observed to range from GOOD to FAIR condition at the time of the assessment. Refer to Room-by-Room data in Appendix II for locations, conditions, and quantities.

4.1.7 Vinyl Sheet Flooring (Potentially Friable)

No vinyl sheet flooring was identified within the building at the time of the assessment.

4.1.8 Vinyl Floor Tile (Non-Friable)

Asbestos and non-asbestos vinyl floor tiles were identified within the building at the time of the assessment.

Sixteen (16) visually distinct types of vinyl floor tiles were observed within the building. A brief description of each tile is outlined below:

- VFT-01 – 12x12 Beige with Brown and Green Fleck

No bulk samples of VFT-01 were collected at the time of the assessment as building personnel notified Maple the tiles were recently installed, and therefore not suspected to contain asbestos.

- VFT-02 – 12x12 Yellow with Orange and Green Fleck

No bulk samples of VFT-02 were collected at the time of the assessment as building personnel notified Maple the tiles were recently installed, and therefore not suspected to contain asbestos.

- VFT-03 – 12x12 Pale Grey Fleck

No bulk samples of VFT-03 were collected at the time of the assessment as building personnel notified Maple the tiles were recently installed, and therefore not suspected to contain asbestos.

- VFT-04 – 12x12 White with Navy, Light Blue, and Orange Fleck

No bulk samples of VFT-04 were collected at the time of the assessment as building personnel notified Maple the tiles were recently installed, and therefore not suspected to contain asbestos.

- **VFT-05 – 12x12 Blue-Grey Fleck**

VFT-05 was observed to be present throughout the building.

No bulk samples of VFT-05 were collected at the time of the assessment as the tile was previously sampled by Others (Sample Set 984-06A-C) and was found to contain **0.5-0.75% Chrysotile asbestos**.

Asbestos-containing VFT-05 was observed to range from GOOD to POOR condition at the time of the assessment. Refer to Room-by-Room data in Appendix II for locations, quantities, and conditions.

- **VFT-06 – 9x9 Beige Streak**

VFT-06 was observed to be limited to eBase #146A at the time of the assessment.

No bulk samples of VFT-06 were collected at the time of the assessment as the tiles were observed to be 9"x9" in size which are historically known to be asbestos-containing.

Asbestos-containing VFT-06 were observed to be in GOOD condition at the time of the assessment. Refer to Room-by-Room data in Appendix II for quantities.

- **VFT-07 – 12x12 Off-White**

VFT-07 was observed to be present throughout the building.

Three (3) representative samples (Sample Set S01A-C) of VFT-07 were collected and analysed for determination of asbestos content during the current assessment. Analysis of Sample S01A found that the samples contain **1% Chrysotile asbestos**.

Asbestos-containing VFT-07 were observed to range from GOOD to POOR condition at the time of the assessment. Refer to Room-by-Room data in Appendix II for locations, quantities, and conditions.

- VFT-08 – 12x12 White with Black Fleck

Three (3) representative samples (Sample Set S02A-C) of VFT-08 were collected and analysed for determination of asbestos content during the current assessment. Analysis of Sample Set S02 found that the samples do not contain asbestos.

- VFT-09 – 1x12 White and Grey Fleck

Three (3) representative samples (Sample Set S03A-C) of VFT-09 were collected and analysed for determination of asbestos content during the current assessment.

Analysis of Sample Set S03 found that the samples do not contain asbestos.

- VFT-10 – 12x12 Off-White Fleck

No bulk samples of VFT-10 were collected at the time of the assessment as building personnel notified Maple the tiles were recently installed, and therefore not suspected to contain asbestos.

- **VFT-11 – 12x12 Peach**

VFT-11 was observed to be limited to eBase #126 and eBase #127 at the time of the assessment.

Three (3) representative samples (Sample Set S04A-C) of VFT-11 were collected and analysed for determination of asbestos content during the current assessment. Analysis of Sample S04A found that the samples contain **1% Chrysotile asbestos**. Black mastic associated with the tile was also analysed as a part of the sample set and was found not to contain asbestos.

Asbestos-containing VFT-11 was observed to be in GOOD condition at the time of the assessment. Refer to Room-by-Room data in Appendix II for quantities.

- VFT-12 – 2x2 Grey with White and Black Fleck

No bulk samples of VFT-12 were collected at the time of the assessment as building personnel notified Maple the tiles were recently installed, and therefore not suspected to contain asbestos.

- VFT-13 – 12x12 Brown Fleck

Three (3) representative samples (Sample Set S05A-C) of VFT-13 were collected and analysed for determination of asbestos content during the current assessment. Analysis of Sample Set S05 found that the samples do not contain asbestos. Black mastic associated with the tile was also analysed as a part of the sample set and was found not to contain asbestos.

- VFT-14 – 2x2 Beige with Brown and White Fleck

No bulk samples of VFT-14 were collected at the time of the assessment as building personnel notified Maple the tiles were recently installed, and therefore not suspected to contain asbestos.

- VFT-15 – 12x12 Beige with Brown Fleck

Three (3) representative samples (Sample Set S06A-C) of VFT-15 were collected and analysed for determination of asbestos content during the current assessment. Analysis of Sample Set S06 found that the samples do not contain asbestos. Black mastic associated with the tile was also analysed as a part of the sample set and was found not to contain asbestos.

- **VFT-16 – Vinyl Floor Tile**

VFT-16 was observed to be limited to eBase #146, concealed below carpet, at the time of the assessment.

No bulk samples of VFT-16 were collected at the time of the assessment as the tile was previously sampled by Others (Sample Set 984-01A-C) and was found to contain **3.9-4.8% Chrysotile asbestos**.

Asbestos-containing VFT-16 was observed to be in GOOD condition at the time of the assessment. Refer to Room-by-Room data in Appendix II for quantities.

4.1.9 Asbestos Cement Products “Transite” (Non-Friable)

Transite cement pipes were observed throughout the building at the time of the assessment.

No bulk samples were collected during the current assessment as sampling could damaged the integrity of the piping. Transite is historically known to contain Chrysotile, Amosite, and/or Crocidolite Asbestos. Visually identification of this material is usually reliable, although a non-asbestos equivalent is also available.

Suspect asbestos-containing transite cement pipes were observed to be in GOOD condition at the time of the assessment. Refer to Room-by-Room data in Appendix II for locations and quantities.

4.1.10 Vermiculite (Friable)

No vermiculite insulation was observed to be present within the surveyed area at the time of the current assessment. It should be noted that loose fill vermiculite insulation can often be resented within voids of masonry and possibly some pre-manufactured building components that would not be identified during the course of this assessment.

4.1.11 Other

- Red Firestop

No bulk samples of red firestop were collected at the time of the assessment as building personnel notified Maple the firestop was recently installed and therefore

is not suspected to contain asbestos.

5.0 RECOMMENDATIONS

5.1 Specific Recommendations

Using Type 1 Asbestos procedures, repair damaged drywall joint compound applied to wall and ceiling finishes within eBase #109 (1 SF) and eBase #134 (1 SF) in FAIR condition.

Using Type 1 Asbestos procedures, repair damaged drywall joint compound applied to ceiling finishes within eBase #152 (5 SF) in FAIR condition.

Using Type 1 Asbestos procedures, remove damaged vinyl floor tiles within eBase #121 (3 SF), eBase #131 (6 SF), and eBase #134 (10 SF) in POOR condition.

Using Type 2 Asbestos procedures, repair damaged textured plaster wall finishes within eBase #171 (5 SF) in FAIR condition.

As bulk samples of drywall joint compound and textured plaster were not collected as a part of the current survey or past surveys, the material is suspected to contain asbestos until representative sampling proves non-ACM.

As bulk samples of drywall joint compound and textured plaster finishes were not collected as a part of the current survey, the material is suspected to contain asbestos until representative sampling proves non-ACM.

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

5.2 General Recommendations

Due to the presence of ACM within the building, DDSB must maintain their existing Asbestos Management Program for this property. A reassessment 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. If solid wall or ceiling cavities are disturbed, a Type 2 enclosure should be constructed until it can be deemed if asbestos-containing vermiculite is present. If loose fill vermiculite is discovered, the material should be analysed for asbestos content or removed using Type 3 asbestos procedures.

The assessment confirmed the presence of ACM mechanical insulation within the building. 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.

Removal of vinyl floor tiles requires the use of Type 1 Asbestos procedures, provided the material is wetted and no power tools are used; should power tools be required, Type 3 Asbestos procedures apply.

Removal or disturbance of transite cement products requires the use of Type 1 Asbestos procedures, provided the material is wetted and no power tools are used; should power tools be required, Type 3 Asbestos procedures apply.

As bulk samples of drywall joint compound and textured plaster finishes were not collected as part of the current survey, the material is suspected to be asbestos-containing until representative sampling proves non-ACM.

Prior to any renovation or demolition activities that would disturb the drywall or textured plaster finishes in specific areas, additional sampling should be performed. This is due to the various phases (dates) of installation of these finishes within the building, as well as the non-homogeneous application of the distribution of asbestos within these compounds. At a minimum, all drywall with joint compound and textured plaster finishes should be presumed to be asbestos-containing.

6.0 LIMITATIONS AND EXCEPTIONS

Due to the nature of building construction some limitations exist as to the possible thoroughness of any building materials inventory. 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 writing this Current Survey Report.

It is possible that conditions may exist which could not be reasonably identified within the scope of the survey or which were not apparent during field work. Maple believes that the information collected during the survey 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.

MAPLE Environmental Inc.
Environment, Health & Safety Consultants

Prepared By:



Sarah Doyle
Project Technologist

Reviewed By:



Brad Panzer
Senior Project Manager

C:\Users\Sarah Doyle\Google Drive\16300 - 16399\16312 DDSB, Asbestos Surveys, ACM\Sites\16312-096 Vaughan Willard P.S\Report\16312-096 Vaughan Willard PS, ACM Survey Report.doc

APPENDIX I
CURRENT LABORATORY ANALYSIS REPORTS

Laboratory Analysis Report

To:

Sarah Doyle
Maple Environmental Inc.
482 South Service Road East, Suite 116
Oakville, Ontario
L6J 2X6

EMC LAB REPORT NUMBER: A35537

Job/Project Name: Vaughan Willard P.S.

Analysis Method: Polarized Light Microscopy – EPA 600

Date Received: Nov 17/17

Date Analyzed: Nov 23/17

Analysts: Philip Chung, *Analyst* & Arabee Sathiaselam, *Laboratory Supervisor*

Reviewed By: Fajun Chen, Ph.D., *Laboratory Director*

Job No: 16312-096

Number of Samples: 20

Date Reported: Nov 24/17

Client's Sample ID	Lab Sample No.	Description/Location	Sample Appearance	SAMPLE COMPONENTS (%)			
				Asbestos Fibres		Non-asbestos Fibres	Non-fibrous Material
S01A	A35537-1	12x12 Off White VFT – eBase #119	Off-white, vinyl floor tile	Chrysotile	1		99
S01B	A35537-2	12x12 Off White VFT – eBase #119	NA	NA			
S01C	A35537-3	12x12 Off White VFT – eBase #119	NA	NA			
S02A	A35537-4	12x12 White with Black Fleck VFT – eBase #120	White, vinyl floor tile	ND			100
S02B	A35537-5	12x12 White with Black Fleck VFT – eBase #120	White, vinyl floor tile	ND			100
S02C	A35537-6	12x12 White with Black Fleck VFT – eBase #120	White, vinyl floor tile	ND			100
S03A	A35537-7	12x12 White & Grey Fleck VFT – eBase #121A	White and grey, vinyl floor tile	ND			100
S03B	A35537-8	12x12 White & Grey Fleck VFT – eBase #121A	White and grey, vinyl floor tile	ND			100
S03C	A35537-9	12x12 White & Grey Fleck VFT – eBase #121B	White and grey, vinyl floor tile	ND			100
S04A	A35537-10	12x12 Peach VFT – eBase #124B	2 Phases: a) Pink, vinyl floor tile b) Black, mastic	Chrysotile ND	1		99 100
S04B	A35537-11	12x12 Peach VFT – eBase #124C	2 Phases: a) NA	NA			

EMC LAB REPORT NUMBER: A35537

Client's Job/Project No.: 16312-096

Analysts: Philip Chung, *Analyst* & Arabee Sathiascelan, *Laboratory Supervisor*

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
S04C	A35537-12	12x12 Peach VFT – eBase #124C	2 Phases: a) NA b) Black, mastic	NA ND			100
S05A	A35537-13	12x12 Brown Fleck VFT– eBase #110	2 Phases: a) Grey, vinyl floor tile b) Black, mastic	ND ND			100 100
S05B	A35537-14	12x12 Brown Fleck VFT– eBase #110	2 Phases: a) Grey, vinyl floor tile b) Black, mastic	ND ND			100 100
S05C	A35537-15	12x12 Brown Fleck VFT– eBase #110	2 Phases: a) Grey, vinyl floor tile b) Black, mastic	ND ND			100 100
S06A	A35537-16	12x12 Beige with Brown Fleck VFT – eBase #112	Beige, vinyl floor tile	ND			100
S06B	A35537-17	12x12 Beige with Brown Fleck VFT – eBase #112A	2 Phases: a) Beige, vinyl floor tile b) Black, mastic	ND ND			100 100
S06C	A35537-18	12x12 Beige with Brown Fleck VFT – eBase #112A	2 Phases: a) Beige, vinyl floor tile b) Black, mastic	ND ND			100 100
S07A	A35537-19	2x4 Width-Wise Fissure ACT – eBase #146	Grey, ceiling tile	ND		25	75
S07B	A35537-20	2x4 Width-Wise Fissure ACT – eBase #146	Grey, ceiling tile	ND		25	75

Note:

EMC LAB REPORT NUMBER: A35537

Client's Job/Project No.: 16312-096

Analysts: Philip Chung, *Analyst* & Arabee Sathiascelan, *Laboratory Supervisor*

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.

APPENDIX I-A
PREVIOUS LABORATORY ANALYSIS REPORTS -
ASBESTOS

Summary Bulk Sample Results

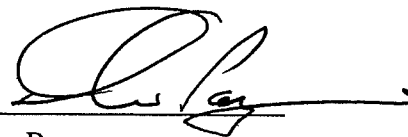
(Polarized Light Microscopy)

Project: Vaughn Willard PS / Durham District School Board

Project No.: D0707600

Date: July 19, 2007

Sample #	Location / Description	% Asbestos			% Non-Asbestos					Non-Fibrous Material
		Chrysotile	Amosite	Other	Cellulose	Mineral Wool	Fibrous Glass	Synthetic Fibres	Other	
600-01	Main Corridor Pipe Insulation Beige Layer	-	-	-	80-90%	-	-	-	-	10-20%
	Pipe Insulation Black Layer	-	-	-	70-80%	-	-	-	-	20-30%



Don Panzer
Building Survey Consultants

Summary Bulk Sample Results

(Polarized Light Microscopy)

Project: Vaughan Willard PS / Durham School Board

Project No.: A0511984

Date: May 2006

Sample #	Location / Description	% Asbestos			% Non-Asbestos					Non-Fibrous Material
		Chrysotile	Amosite	Other	Cellulose	Mineral Wool	Fibrous Glass	Synthetic Fibres	Other	
984-01a	Room 146 - Library Tile Under Carpet	4.8%	-	-	-	-	-	-	-	95.2%
984-01b	Room 146 - Library Tile Under Carpet	3.9%	-	-	-	-	-	-	-	96.1%
984-01c	Room 146 - Library Tile Under Carpet	4.5%	-	-	-	-	-	-	-	95.5%
984-02a	Classroom 102 12" Floor Tile Style 2	-	-	-	-	-	-	-	-	100%
984-02b	Classroom 102 12" Floor Tile Style 2	-	-	-	-	-	-	-	-	100%
984-02c	Classroom 110 12" Floor Tile Style 2	-	-	-	-	-	-	-	-	100%
984-03a	Classroom 102 Floor Tile 2 nd Layer	-	-	-	-	-	-	-	-	100%
984-03b	Classroom 102 Floor Tile 2 nd Layer	-	-	-	-	-	-	-	-	100%



Don Panzer
Building Survey Consultants

Summary Bulk Sample Results

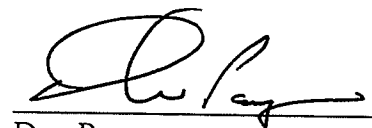
(Polarized Light Microscopy)

Project: Vaughan Willard PS / Durham School Board

Project No.: A0511984

Date: May 2006

Sample #	Location / Description	% Asbestos			% Non-Asbestos					
		Chrysotile	Amosite	Other	Cellulose	Mineral Wool	Fibrous Glass	Synthetic Fibres	Other	Non-Fibrous Material
984-04a	Custodian Room 151 12" Floor Tile Style 1	-	-	-	-	-	-	-	-	100%
984-04b	Custodian Room 151 12" Floor Tile Style 1	-	-	-	-	-	-	-	-	100%
984-04c	Work Room 119A 12" Floor Tile Style 1	-	-	-	-	-	-	-	-	100%
984-05a	Classroom 104 12" Floor Tile Style 3	-	-	-	-	-	-	-	-	100%
984-05b	Classroom 104 12" Floor Tile Style 3	-	-	-	-	-	-	-	-	100%
984-05c	Classroom 104 12" Floor Tile Style 3	-	-	-	-	-	-	-	-	100%
984-06a	Gen. Purpose Rm 131 12" Floor Tile Style 4	0.75%	-	-	-	-	-	-	-	99.25%
984-06b	Girl's Change Rm 135 12" Floor Tile Style 4	0.5%	-	-	-	-	-	-	-	99.5%
984-06c	Gen. Purpose Rm 131 12" Floor Tile Style 4	0.75%	-	-	-	-	-	-	-	99.25%



Don Panzer
Building Survey Consultants

ANALYSIS OF BULK SAMPLES

August 11, 2005

VAUGHAN WILLARD PUBLIC SCHOOL

SAMPLE DESCRIPTION	APPROXIMATE COMPOSITION		COMMENTS
	ASBESTOS FIBRE	OTHER COMPONENTS	
1 152 Boiler room; elbow (lower)	none detected	cellulose 10-20% mineral wool 20-30% non-fibrous material 60-70%	
2 152 Boiler room; elbow	none detected	cellulose 10-20% mineral wool 40-50% non-fibrous material 40-50%	

ANALYSIS OF BULK SAMPLES

June 20, 2002

VAUGHN WILLARD

SAMPLE DESCRIPTION	APPROXIMATE COMPOSITION		COMMENTS
	ASBESTOS FIBRE	OTHER COMPONENTS	
1. Corridor adjacent to the Library; 2x4 Fissure Long Ceiling Tile	amosite <10%	cellulose <10% mineral wool 60-70% non-fibrous material 20-30%	
2. Corridor adjacent to the Library; 2x4 Fissure Long Ceiling Tile	amosite <10%	cellulose <10% mineral wool 60-70% non-fibrous material 20-30%	
3. Corridor adjacent to the Library; 2x4 Fissure Long Ceiling Tile	amosite <10%	cellulose <10% mineral wool 60-70% non-fibrous material 20-30%	



POLARIZED MICROSCOPY RESULTS

Lab Project No: A 1064

Client Name: Durham District School Board

Project Name: Vaughan Willard Public School

Laboratory Sample No.	Location	Description	Asbestos Percent(vol)	Other Materials Percent(vol)
A1064-01	152 (Boiler Room)	Elbow	ND	Fibreglass 5-10% Cellulose 10-15% Non Fibrous Material >75%
A1064-02	151 (Storage)	Straight Pipe	Chrysotile >75%	Non Fibrous Material 25%

ND* (Not Detected) the detection limit by PLM method is 0.5%.

MMMF ** (Man-Made Mineral Fibres) may include fibreglass, mineral wool, slag wool, rock wool and ceramic fibres.

T - Traces

Signature:


Tony Samson

Date: March 30, 2001

Currently participate in the Analytical Quality Assurance Program Laboratory ID Number: 3179 through Ryerson Polytechnic University and administered by The Canadian Association for Environmental Analytical Laboratories.

Previously participated in AIHA Laboratory ID Number: 011677 (AIHA Bulk Asbestos Proficiency Analytical Testing Program)



POLARIZED MICROSCOPY RESULTS

Lab Project No: A 1064

Client Name: Durham District School Board

Project Name: Vaughan Willard Public School

Laboratory Sample No.	Location	Description	Asbestos Percent(vol)	Other Materials Percent(vol)
A1064-03	107 (Special Ed. Room)	2' x 4' Fissure Short Ceiling Tile	ND	Cellulose 35-45% MMMF** 45-55%
A1064-04	Corridor (Adjacent to Library)	2' x 4' Fissure Long Ceiling Tile	Amosite 1-5%	Fibreglass >75% Cellulose 1-5% Non Fibrous Material 10-15%

ND* (Not Detected) the detection limit by PLM method is 0.5%.

MMMF ** (Man-Made Mineral Fibres) may include fibreglass, mineral wool, slag wool, rock wool and ceramic fibres.

T - Traces

Signature:

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POLARIZED MICROSCOPY RESULTS

Lab Project No: A 1064

Client Name: Durham District School Board

Project Name: Vaughan Willard Public School

Laboratory Sample No.	Location	Description	Asbestos Percent(vol)	Other Materials Percent(vol)
A1064-05	149 (Storage)	Elbow	Chrysotile 25-50%	Cellulose 10-15% Non Fibrous Material 25-35%
A1064-06	Main Corridor	Straight Pipe	ND	Cellulose 35-45% Wood Fibres 45-55%

ND* (Not Detected) the detection limit by PLM method is 0.5%.

MMMF ** (Man-Made Mineral Fibres) may include fibreglass, mineral wool, slag wool, rock wool and ceramic fibres.

T - Traces

Signature:

Tony Samson

Date: March 30, 2001

Currently participate in the Analytical Quality Assurance Program Laboratory ID Number: 3179 through Ryerson Polytechnic University and administered by The Canadian Association for Environmental Analytical Laboratories.

Previously participated in AIHA Laboratory ID Number: 011677 (AIHA Bulk Asbestos Proficiency Analytical Testing Program)



POLARIZED MICROSCOPY RESULTS

Lab Project No: A 1064

Client Name: Durham District School Board

Project Name: Vaughan Willard Public School

Laboratory Sample No.	Location	Description	Asbestos Percent(vol)	Other Materials Percent(vol)
A1064-07	145 (Washroom)	1' x 1' Pinhole Ceiling Tile	ND	Wood Fibres >75% Non Fibrous Material 25%
A1064-08	145 (Washroom)	2' x 4' Pinhole Swirl Ceiling Tile	ND	Cellulose 35-45% MMMF** 45-55%

ND* (Not Detected) the detection limit by PLM method is 0.5%.

MMMF ** (Man-Made Mineral Fibres) may include fibreglass, mineral wool, slag wool, rock wool and ceramic fibres.

T - Traces

Signature: _____

Tony Samson

Date: March 30, 2001

Currently participate in the Analytical Quality Assurance Program Laboratory ID Number: 3179 through Ryerson Polytechnic University and administered by The Canadian Association for Environmental Analytical Laboratories.

Previously participated in AIHA Laboratory ID Number: 011677 (AIHA Bulk Asbestos Proficiency Analytical Testing Program)



POLARIZED MICROSCOPY RESULTS

Lab Project No: A 1064

Client Name: Durham District School Board Project Name: Vaughan Willard Public School

Laboratory Sample No.	Location	Description	Asbestos Percent(vol)	Other Materials Percent(vol)	
A1064-09	Exterior	Stucco Ceiling	ND	Cellulose	5-10%
				Non Fibrous Material	>90%
A1064-10	201 (Mechanical Room)	Elbow	ND	Cellulose	15-35%
				Non Fibrous Material	>65%

ND* (Not Detected) the detection limit by PLM method is 0.5%.

MMMF ** (Man-Made Mineral Fibres) may include fibreglass, mineral wool, slag wool, rock wool and ceramic fibres.

T - Traces

Signature:


Tony Samson

Date: March 30, 2001

Currently participate in the Analytical Quality Assurance Program Laboratory ID Number: 3179 through Ryerson Polytechnic University and administered by The Canadian Association for Environmental Analytical Laboratories.

Previously participated in AIHA Laboratory ID Number: 011677 (AIHA Bulk Asbestos Proficiency Analytical Testing Program)



Environmental Consultants

Division of ATEC Associates, Inc.

BULK SAMPLE ANALYSIS REPORT

Lab Accreditation #1274

Polarized Light Dispersion Staining Method

Client: T. HARRIS PARTNERSHIP INC.
370 DUNDAS STREET EAST
TORONTO, ONTARIO CAN M5A 2A3
Laboratory Batch #: 74-90-0781
Date Received: 09-18-90
Date Analyzed: 9-27-90
Project Identification: DURHAM BD OF ED - VAUGHN WILLARD P.S.

Sample #	Description	ASBESTOS %				PERCENT OTHER FIBROUS MATERIAL			
		CHRY	AMOS	CROC	AC/TR ANTH	FBGL	MM	CELL	OTHER
1	ELBOW INSUL/TAN BOILER RM							30-35	CACO 55-60%
2	CEILING TILE/GRAY					15-20		40-45	PERLITE 20-25% LATEX 3-5%
3	ELBOW MTL/GRAY	30-35							CACO 55-60%
4	CEILING TILE/GRAY					15-20		40-45	PERLITE 20-25% LATEX 3-5%

CHRY = Chrysotile
CROC = Crocidolite
AMOS = Amosite

ANTH = Anthophyllite
AC/TR = Actinolite/Tremolite
FBGL = Fiberglass

CELL = Cellulose
MM = Manmade
NO ENTRY = None Detected

Sample Not Homogenized

Percentages Given Are Visual Estimates

Report Must Not Be Reproduced Without Laboratory Approval

Laboratory Not Responsible For Sampling Technique

Test Report Relates Only To Items Submitted

Analyst: 

Respectfully Submitted, 

Laboratory Testing Division

CLIENT COPY

APPENDIX II
ROOM-BY-ROOM ASBESTOS INVENTORY

APPENDIX III

DRAWINGS

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
1	ID	Floor	eBASE #	Room Name	Asbestos Y/N/S	Building System	Sub System	Description	Condition G/F/P	Access A/B/C/D/E	Quantity	Unit	ACM	Friable	Sample #	Comments	Q
2	96	1	100	CLASSROOM	N	FLOOR	VFT01	12x12 Beige with Brown and Green Fleck								New	
3	96	1	100	CLASSROOM	N	FLOOR	VFT02	12x12 Yellow with Orange and Green Fleck								New	
4	96	1	100	CLASSROOM	N	WALL		Masonry Block									
5	96	1	100	CLASSROOM	N	CEILING	AT01	2x4 Small and Medium Pinhole								Date stamped (02/07/09)	
6	96	1	100	CLASSROOM	N	STRUCTURE	DECK	Corrugated Metal									
7	96	1	100	CLASSROOM	N	PIPE	STRAIGHT	Not Insulated									
8	96	1	100	CLASSROOM	N	PIPE	STRAIGHT	Fibreglass									
9	96	1	100	CLASSROOM	N	PIPE	FITTING	Not Insulated									
10	96	1	100	CLASSROOM	N	PIPE	FITTING	Fibreglass									
11	96	1	100	CLASSROOM	N	DUCT		Not Insulated									
12	96	1	100	CLASSROOM	N	DUCT		Fibreglass									
13	96	1	100	CLASSROOM	N	MECHANICAL		Not Found									
14	96	1	101	SMALL GYM	N	FLOOR	VFT01	12x12 Beige with Brown and Green Fleck								New	
15	96	1	101	SMALL GYM	N	FLOOR	VFT02	12x12 Yellow with Orange and Green Fleck								New	
16	96	1	101	SMALL GYM	N	WALL		Masonry Block									
17	96	1	101	SMALL GYM	N	CEILING	AT01	2x4 Small and Medium Pinhole								Date stamped (02/07/09)	
18	96	1	101	SMALL GYM	N	STRUCTURE	DECK	Corrugated Metal									
19	96	1	101	SMALL GYM	N	PIPE	STRAIGHT	Not Insulated									
20	96	1	101	SMALL GYM	N	PIPE	STRAIGHT	Fibreglass									
21	96	1	101	SMALL GYM	N	PIPE	FITTING	Not Insulated									
22	96	1	101	SMALL GYM	N	PIPE	FITTING	Fibreglass									
23	96	1	101	SMALL GYM	N	DUCT		Not Insulated									
24	96	1	101	SMALL GYM	N	DUCT		Fibreglass									
25	96	1	101	SMALL GYM	N	MECHANICAL		Not Found									
26	96	1	102	CLASSROOM	N	FLOOR	VFT01	12x12 Beige with Brown and Green Fleck								New	
27	96	1	102	CLASSROOM	N	FLOOR	VFT02	12x12 Yellow with Orange and Green Fleck								New	
28	96	1	102	CLASSROOM	N	WALL		Masonry Block									
29	96	1	102	CLASSROOM	N	CEILING	AT01	2x4 Small and Medium Pinhole								Date stamped (02/07/09)	
30	96	1	102	CLASSROOM	N	STRUCTURE	DECK	Corrugated Metal									
31	96	1	102	CLASSROOM	N	PIPE	STRAIGHT	Not Insulated									
32	96	1	102	CLASSROOM	N	PIPE	STRAIGHT	Fibreglass									
33	96	1	102	CLASSROOM	N	PIPE	FITTING	Not Insulated									
34	96	1	102	CLASSROOM	N	PIPE	FITTING	Fibreglass									
35	96	1	102	CLASSROOM	N	DUCT		Not Insulated									
36	96	1	102	CLASSROOM	N	DUCT		Fibreglass									
37	96	1	102	CLASSROOM	N	MECHANICAL		Not Found									
38	96	1	102	CLASSROOM	N	OTHER		Red Firestop								New	
39	96	1	103	CLASSROOM	N	FLOOR	VFT01	12x12 Beige with Brown and Green Fleck								New	
40	96	1	103	CLASSROOM	N	FLOOR	VFT02	12x12 Yellow with Orange and Green Fleck								New	
41	96	1	103	CLASSROOM	N	WALL		Masonry Block									
42	96	1	103	CLASSROOM	N	CEILING	AT01	2x4 Small and Medium Pinhole								Date stamped (02/07/09)	
43	96	1	103	CLASSROOM	N	STRUCTURE	DECK	Corrugated Metal									
44	96	1	103	CLASSROOM	N	PIPE	STRAIGHT	Not Insulated									
45	96	1	103	CLASSROOM	N	PIPE	STRAIGHT	Fibreglass									
46	96	1	103	CLASSROOM	N	PIPE	FITTING	Not Insulated									
47	96	1	103	CLASSROOM	N	PIPE	FITTING	Fibreglass									
48	96	1	103	CLASSROOM	N	DUCT		Not Insulated									
49	96	1	103	CLASSROOM	N	DUCT		Fibreglass									
50	96	1	103	CLASSROOM	N	MECHANICAL		Not Found									
51	96	1	103	CLASSROOM	N	OTHER		Red firestop								New	
52	96	1	103A	KITCHEN/STORAGE	N	FLOOR	VFT03	12x12 Pale Grey Fleck								New	
53	96	1	103A	KITCHEN/STORAGE	N	WALL		Masonry Block									
54	96	1	103A	KITCHEN/STORAGE	N	CEILING	AT02	2x4 Pinhole Fleck								Date stamped (07/19/16)	
55	96	1	103A	KITCHEN/STORAGE	N	STRUCTURE	DECK	Corrugated Metal									
56	96	1	103A	KITCHEN/STORAGE	N	PIPE	STRAIGHT	Not Insulated									
57	96	1	103A	KITCHEN/STORAGE	N	PIPE	STRAIGHT	Fibreglass									
58	96	1	103A	KITCHEN/STORAGE	N	PIPE	FITTING	Not Insulated									
59	96	1	103A	KITCHEN/STORAGE	N	PIPE	FITTING	Fibreglass									
60	96	1	103A	KITCHEN/STORAGE	N	DUCT		Fibreglass									
61	96	1	103A	KITCHEN/STORAGE	N	MECHANICAL		Not Found									
62	96	1	103B	CALM ROOM	N	FLOOR	VFT03	12x12 Pale Grey Fleck								New	
63	96	1	103B	CALM ROOM	N	WALL		Masonry Block									
64	96	1	103B	CALM ROOM	N	CEILING	AT02	2x4 Pinhole Fleck								Date stamped (07/19/16)	
65	96	1	103B	CALM ROOM	S	STRUCTURE	DECK	No Access above ceiling								Assume ACM present	
66	96	1	103B	CALM ROOM	N	PIPE	STRAIGHT	Not Found									
67	96	1	103B	CALM ROOM	N	PIPE	FITTING	Not Found									
68	96	1	103B	CALM ROOM	N	DUCT		Not Found									
69	96	1	103B	CALM ROOM	N	MECHANICAL		Not Found									

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
70	96	1	103C	WASHROOM	N	FLOOR	VFT03	12x12 Pale Grey Fleck								New	
71	96	1	103C	WASHROOM	N	WALL		Masonry Block									
72	96	1	103C	WASHROOM	N	CEILING	AT02	2x4 Pinhole Fleck								Date stamped (07/19/16)	
73	96	1	103C	WASHROOM	S	STRUCTURE	DECK	No Access above ceiling								Assume ACM present	
74	96	1	103C	WASHROOM	N	PIPE	STRAIGHT	Not Insulated									
75	96	1	103C	WASHROOM	N	PIPE	FITTING	Not Insulated									
76	96	1	103C	WASHROOM	N	DUCT		Not Found									
77	96	1	103C	WASHROOM	N	MECHANICAL		Not Found									
78	96	1	104	CLASSROOM	N	FLOOR	VFT01	12x12 Beige with Brown and Green Fleck								New	
79	96	1	104	CLASSROOM	N	FLOOR	VFT02	12x12 Yellow with Orange and Green Fleck								New	
80	96	1	104	CLASSROOM	N	WALL		Masonry Block									
81	96	1	104	CLASSROOM	N	CEILING	AT01	2x4 Small and Medium Pinhole								Date stamped (02/07/09)	
82	96	1	104	CLASSROOM	N	STRUCTURE	DECK	Corrugated Metal									
83	96	1	104	CLASSROOM	N	PIPE	STRAIGHT	Not Insulated									
84	96	1	104	CLASSROOM	N	PIPE	STRAIGHT	Fibreglass									
85	96	1	104	CLASSROOM	N	PIPE	FITTING	Not Insulated									
86	96	1	104	CLASSROOM	N	PIPE	FITTING	Fibreglass									
87	96	1	104	CLASSROOM	N	DUCT		Not Insulated									
88	96	1	104	CLASSROOM	N	DUCT		Fibreglass									
89	96	1	104	CLASSROOM	N	MECHANICAL		Not Found									
90	96	1	105	CLASSROOM	N	FLOOR	VFT01	12x12 Beige with Brown and Green Fleck								New	
91	96	1	105	CLASSROOM	N	FLOOR	VFT02	12x12 Yellow with Orange and Green Fleck								New	
92	96	1	105	CLASSROOM	N	WALL		Masonry Block									
93	96	1	105	CLASSROOM	N	CEILING	AT01	2x4 Small and Medium Pinhole								Date stamped (02/07/09)	
94	96	1	105	CLASSROOM	N	STRUCTURE	DECK	Corrugated Metal									
95	96	1	105	CLASSROOM	N	PIPE	STRAIGHT	Not Insulated									
96	96	1	105	CLASSROOM	N	PIPE	STRAIGHT	Fibreglass									
97	96	1	105	CLASSROOM	N	PIPE	FITTING	Not Insulated									
98	96	1	105	CLASSROOM	N	PIPE	FITTING	Fibreglass									
99	96	1	105	CLASSROOM	N	DUCT		Not Insulated									
100	96	1	105	CLASSROOM	N	DUCT		Fibreglass									
101	96	1	105	CLASSROOM	N	MECHANICAL		Not Found									
102	96	1	106	CLASSROOM	N	FLOOR	VFT01	12x12 Beige with Brown and Green Fleck								New	
103	96	1	106	CLASSROOM	N	FLOOR	VFT02	12x12 Yellow with Orange and Green Fleck								New	
104	96	1	106	CLASSROOM	N	WALL		Masonry Block									
105	96	1	106	CLASSROOM	N	CEILING	AT01	2x4 Small and Medium Pinhole								Date stamped (02/07/09)	
106	96	1	106	CLASSROOM	N	STRUCTURE	DECK	Corrugated Metal									
107	96	1	106	CLASSROOM	N	PIPE	STRAIGHT	Not Insulated									
108	96	1	106	CLASSROOM	N	PIPE	STRAIGHT	Fibreglass									
109	96	1	106	CLASSROOM	N	PIPE	FITTING	Not Insulated									
110	96	1	106	CLASSROOM	N	PIPE	FITTING	Fibreglass									
111	96	1	106	CLASSROOM	N	DUCT		Not Insulated									
112	96	1	106	CLASSROOM	N	DUCT		Fibreglass									
113	96	1	106	CLASSROOM	N	MECHANICAL		Not Found									
114	96	1	107	CLASSROOM	N	FLOOR	VFT01	12x12 Beige with Brown and Green Fleck								New	
115	96	1	107	CLASSROOM	N	FLOOR	VFT02	12x12 Yellow with Orange and Green Fleck								New	
116	96	1	107	CLASSROOM	N	WALL		Masonry Block									
117	96	1	107	CLASSROOM	N	CEILING	AT01	2x4 Small and Medium Pinhole								Date stamped (02/07/09)	
118	96	1	107	CLASSROOM	N	STRUCTURE	DECK	Corrugated Metal									
119	96	1	107	CLASSROOM	N	PIPE	STRAIGHT	Not Insulated									
120	96	1	107	CLASSROOM	N	PIPE	STRAIGHT	Fibreglass									
121	96	1	107	CLASSROOM	N	PIPE	FITTING	Not Insulated									
122	96	1	107	CLASSROOM	N	PIPE	FITTING	Fibreglass									
123	96	1	107	CLASSROOM	N	DUCT		Not Insulated									
124	96	1	107	CLASSROOM	N	DUCT		Fibreglass									
125	96	1	107	CLASSROOM	N	MECHANICAL		Not Found									
126	96	1	108	CLASSROOM	N	FLOOR	VFT13	12x12 Brown Fleck					ND		S05A-C		
127	96	1	108	CLASSROOM	N	FLOOR	VFT13	Black Mastic					ND		S05A-C		
128	96	1	108	CLASSROOM	N	WALL		Masonry Block									
129	96	1	108	CLASSROOM	S	WALL		Drywall	G	A	250	SF	S	NF			
130	96	1	108	CLASSROOM	N	CEILING	AT02	2x4 Pinhole Fleck								Date stamped (07/19/16)	
131	96	1	108	CLASSROOM	N	STRUCTURE	DECK	Wood									
132	96	1	108	CLASSROOM	N	PIPE	STRAIGHT	Fibreglass									
133	96	1	108	CLASSROOM	N	PIPE	STRAIGHT	PVC									
134	96	1	108	CLASSROOM	N	PIPE	FITTING	Fibreglass									
135	96	1	108	CLASSROOM	N	PIPE	FITTING	PVC									
136	96	1	108	CLASSROOM	N	DUCT		Not Insulated									
137	96	1	108	CLASSROOM	N	MECHANICAL	RADIATOR	Externally Not Insulated									

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
270	96	1	117	MUSIC ROOM	Y	FLOOR	VFT05	12x12 Blue-Grey Fleck	G	A	800	SF	CH	NF	984-06A-C		
271	96	1	117	MUSIC ROOM	N	WALL		Masonry Block									
272	96	1	117	MUSIC ROOM	N	WALL		Tectum Panels									
273	96	1	117	MUSIC ROOM	N	CEILING	AT04	2x4 Width-Wise Fissure					ND		S07A-B, A1056-03		
274	96	1	117	MUSIC ROOM	N	STRUCTURE	DECK	Corrugated Metal									
275	96	1	117	MUSIC ROOM	N	PIPE	STRAIGHT	Not Insulated									
276	96	1	117	MUSIC ROOM	N	PIPE	FITTING	Not Insulated									
277	96	1	117	MUSIC ROOM	N	DUCT		Not Insulated									
278	96	1	117	MUSIC ROOM	N	MECHANICAL		Not Found									
279	96	1	118	PREP ROOM	Y	FLOOR	VFT05	12x12 Blue-Grey Fleck	G	A	75	SF	CH	NF	984-06A-C		
280	96	1	118	PREP ROOM	N	WALL		Masonry Block									
281	96	1	118	PREP ROOM	N	CEILING	AT04	2x4 Width-Wise Fissure					ND		S07A-B, A1056-03		
282	96	1	118	PREP ROOM	N	STRUCTURE	DECK	Corrugated Metal									
283	96	1	118	PREP ROOM	N	PIPE	STRAIGHT	Fibreglass									
284	96	1	118	PREP ROOM	Y	PIPE	FITTING	Parging Cement	G	D	2	EACH	CH	F	A1064-05, Sample 3	Suspect - In foil	
285	96	1	118	PREP ROOM	N	DUCT		Not Insulated									
286	96	1	118	PREP ROOM	N	MECHANICAL		Not Found									
287	96	1	119	WORK ROOM	Y	FLOOR	VFT07	12x12 Off-White	G	A	250	SF	CH	NF	S01A-C		
288	96	1	119	WORK ROOM	N	WALL		Masonry Block									
289	96	1	119	WORK ROOM	N	CEILING	AT04	2x4 Width-Wise Fissure					ND		S07A-B, A1056-03		
290	96	1	119	WORK ROOM	N	STRUCTURE	DECK	Corrugated Metal									
291	96	1	119	WORK ROOM	N	PIPE	STRAIGHT	Not Found									
292	96	1	119	WORK ROOM	N	PIPE	FITTING	Not Found									
293	96	1	119	WORK ROOM	N	DUCT		Not Insulated									
294	96	1	119	WORK ROOM	N	MECHANICAL		Not Found									
295	96	1	120	B.F. WASHROOM	N	FLOOR	VFT08	12x12 White with Black Fleck					ND		S02A-C		
296	96	1	120	B.F. WASHROOM	N	WALL		Masonry Block									
297	96	1	120	B.F. WASHROOM	S	WALL		Drywall	G	A	25	SF	S	NF			
298	96	1	120	B.F. WASHROOM	N	CEILING	AT02	2x4 Pinhole Fleck									Date stamped (07/19/16)
299	96	1	120	B.F. WASHROOM	N	STRUCTURE	DECK	Corrugated Metal									
300	96	1	120	B.F. WASHROOM	N	PIPE	STRAIGHT	Fibreglass									
301	96	1	120	B.F. WASHROOM	S	PIPE	STRAIGHT	Transite	G	E	10	LF	S	NF			Within pipe chase, assumed to run height
302	96	1	120	B.F. WASHROOM	N	PIPE	FITTING	Not Insulated									
303	96	1	120	B.F. WASHROOM	N	PIPE	FITTING	Fibreglass									
304	96	1	120	B.F. WASHROOM	N	DUCT		Not Found									
305	96	1	120	B.F. WASHROOM	N	MECHANICAL		Not Found									
306	96	1	121	STAFF ROOM	Y	FLOOR	VFT07	12x12 Off-White	G	A	300	SF	CH	NF	S01A-C		
307	96	1	121	STAFF ROOM	Y	FLOOR	VFT07	12x12 Off-White	P	A	3	SF	CH	NF	S01A-C		
308	96	1	121	STAFF ROOM	N	WALL		Masonry Block									
309	96	1	121	STAFF ROOM	N	CEILING	AT01	2x4 Small and Medium Pinhole									Date stamped (02/07/09)
310	96	1	121	STAFF ROOM	N	STRUCTURE	DECK	Corrugated Metal									
311	96	1	121	STAFF ROOM	N	PIPE	STRAIGHT	Not Insulated									
312	96	1	121	STAFF ROOM	N	PIPE	STRAIGHT	Fibreglass									
313	96	1	121	STAFF ROOM	N	PIPE	STRAIGHT	PVC									
314	96	1	121	STAFF ROOM	N	PIPE	FITTING	Not Insulated									
315	96	1	121	STAFF ROOM	N	PIPE	FITTING	Fibreglass									
316	96	1	121	STAFF ROOM	N	PIPE	FITTING	PVC									
317	96	1	121	STAFF ROOM	N	DUCT		Not Insulated									
318	96	1	121	STAFF ROOM	N	MECHANICAL		Not Found									
319	96	1	121A	WASHROOM	N	FLOOR	VFT09	12x12 White and Grey Fleck					ND		S03A-C		
320	96	1	121A	WASHROOM	N	WALL		Masonry Block									
321	96	1	121A	WASHROOM	S	CEILING		Drywall	G	C	25	SF	S	NF			
322	96	1	121A	WASHROOM	N	STRUCTURE	DECK	Corrugated Metal									
323	96	1	121A	WASHROOM	N	PIPE	STRAIGHT	Not Insulated									
324	96	1	121A	WASHROOM	N	PIPE	STRAIGHT	Fibreglass									
325	96	1	121A	WASHROOM	N	PIPE	FITTING	Not Insulated									
326	96	1	121A	WASHROOM	N	PIPE	FITTING	Fibreglass									
327	96	1	121A	WASHROOM	N	DUCT		Not Insulated									
328	96	1	121A	WASHROOM	N	MECHANICAL		Not Found									
329	96	1	121B	WASHROOM	N	FLOOR	VFT09	12x12 White and Grey Fleck					ND		S03A-C		
330	96	1	121B	WASHROOM	N	WALL		Masonry Block									
331	96	1	121B	WASHROOM	S	CEILING		Drywall	G	C	25	SF	S	NF			
332	96	1	121B	WASHROOM	N	STRUCTURE	DECK	Corrugated Metal									
333	96	1	121B	WASHROOM	N	PIPE	STRAIGHT	Not Insulated									
334	96	1	121B	WASHROOM	N	PIPE	STRAIGHT	Fibreglass									
335	96	1	121B	WASHROOM	N	PIPE	FITTING	Not Insulated									
336	96	1	121B	WASHROOM	N	PIPE	FITTING	Fibreglass									
337	96	1	121B	WASHROOM	N	DUCT		Not Insulated									
338	96	1	121B	WASHROOM	N	MECHANICAL		Not Found									
339	96	1	122	QUIET ROOM	Y	FLOOR	VFT07	12x12 Off-White	G	A	50	SF	CH	NF	S01A-C		
340	96	1	122	QUIET ROOM	N	FLOOR	VFT10	12x12 Off-White Fleck									New
341	96	1	122	QUIET ROOM	N	WALL		Masonry Block									
342	96	1	122	QUIET ROOM	N	CEILING	AT04	2x4 Width-Wise Fissure					ND		S07A-B, A1056-03		
343	96	1	122	QUIET ROOM	S	STRUCTURE	DECK	No Access above ceiling									Due to contents, assume ACM present
344	96	1	122	QUIET ROOM	N	PIPE	STRAIGHT	Not Found									
345	96	1	122	QUIET ROOM	N	PIPE	FITTING	Not Found									
346	96	1	122	QUIET ROOM	N	DUCT		Not Found									
347	96	1	122	QUIET ROOM	N	MECHANICAL		Not Found									

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
417	96	1	133	SERVERY	Y	FLOOR	VFT05	12x12 Blue-Grey Fleck	G	A	60	SF	CH	NF	984-06A-C		
418	96	1	133	SERVERY	N	WALL		Masonry Block									
419	96	1	133	SERVERY	S	CEILING		Drywall	G	C	60	SF	S	NF			
420	96	1	133	SERVERY	S	STRUCTURE	DECK	No Access above ceiling								Assume ACM present	
421	96	1	133	SERVERY	N	PIPE	STRAIGHT	Not Insulated									
422	96	1	133	SERVERY	N	PIPE	FITTING	Not Insulated									
423	96	1	133	SERVERY	N	DUCT		Not Found									
424	96	1	133	SERVERY	N	MECHANICAL		Not Found									
425	96	1	134	STORAGE	Y	FLOOR	VFT05	12x12 Blue-Grey Fleck	G	A	60	SF	CH	NF	984-06A-C		
426	96	1	134	STORAGE	Y	FLOOR	VFT05	12x12 Blue-Grey Fleck	P	A	10	SF	CH	NF	984-06A-C	At door	
427	96	1	134	STORAGE	N	WALL		Masonry Block									
428	96	1	134	STORAGE	S	CEILING		Drywall	G	C	60	SF	S	NF			
429	96	1	134	STORAGE	S	CEILING		Drywall	F	C	1	SF	S	NF			
430	96	1	134	STORAGE	S	STRUCTURE	DECK	No Access above ceiling								Assume ACM present	
431	96	1	134	STORAGE	N	PIPE	STRAIGHT	Not Found									
432	96	1	134	STORAGE	N	PIPE	FITTING	Not Found									
433	96	1	134	STORAGE	N	DUCT		Not Found									
434	96	1	134	STORAGE	N	MECHANICAL		Not Found									
435	96	1	135	GIRL'S CHANGE ROOM	Y	FLOOR	VFT05	12x12 Blue-Grey Fleck	G	A	250	SF	CH	NF	984-06A-C		
436	96	1	135	GIRL'S CHANGE ROOM	N	WALL		Masonry Block									
437	96	1	135	GIRL'S CHANGE ROOM	S	CEILING		Drywall	G	C	300	SF	S	NF			
438	96	1	135	GIRL'S CHANGE ROOM	S	STRUCTURE	DECK	No Access above ceiling								Assume ACM present	
439	96	1	135	GIRL'S CHANGE ROOM	N	PIPE	STRAIGHT	Not Found									
440	96	1	135	GIRL'S CHANGE ROOM	N	PIPE	FITTING	Not Found									
441	96	1	135	GIRL'S CHANGE ROOM	N	DUCT		Not Found									
442	96	1	135	GIRL'S CHANGE ROOM	N	MECHANICAL		Not Found									
443	96	1	136	GIRL'S WASHROOM	N	FLOOR		Terrazzo									
444	96	1	136	GIRL'S WASHROOM	N	WALL		Masonry Block									
445	96	1	136	GIRL'S WASHROOM	S	CEILING		Drywall	G	C	200	SF	S	NF			
446	96	1	136	GIRL'S WASHROOM	S	STRUCTURE	DECK	No Access above ceiling								Assume ACM present	
447	96	1	136	GIRL'S WASHROOM	N	PIPE	STRAIGHT	Not Insulated									
448	96	1	136	GIRL'S WASHROOM	N	PIPE	FITTING	Not Insulated									
449	96	1	136	GIRL'S WASHROOM	N	DUCT		Not Found									
450	96	1	136	GIRL'S WASHROOM	N	MECHANICAL		Not Found									
451	96	1	137	STORAGE	Y	FLOOR	VFT05	12x12 Blue-Grey Fleck	G	A	60	SF	CH	NF	984-06A-C		
452	96	1	137	STORAGE	N	WALL		Masonry Block									
453	96	1	137	STORAGE	S	CEILING		Drywall	G	C	60	SF	S	NF			

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
633	96	1	1568	CORRIDOR	N	FLOOR		Terrazzo									
634	96	1	1568	CORRIDOR	N	WALL		Masonry Block									
635	96	1	1568	CORRIDOR	N	CEILING	AT01	2x4 Small and Medium Pinhole								Date stamped (02/07/09)	
636	96	1	1568	CORRIDOR	N	STRUCTURE	DECK	Wood									
637	96	1	1568	CORRIDOR	N	PIPE	STRAIGHT	Not Insulated									
638	96	1	1568	CORRIDOR	N	PIPE	STRAIGHT	Fibreglass									
639	96	1	1568	CORRIDOR	N	PIPE	FITTING	Not Insulated									
640	96	1	1568	CORRIDOR	N	PIPE	FITTING	Fibreglass									
641	96	1	1568	CORRIDOR	N	DUCT		Not Insulated									
642	96	1	1568	CORRIDOR	N	DUCT		Fibreglass									
643	96	1	1568	CORRIDOR	N	MECHANICAL		Not Found									
644	96	1	156C	CORRIDOR	N	FLOOR		Terrazzo									
645	96	1	156C	CORRIDOR	N	WALL		Masonry Block									
646	96	1	156C	CORRIDOR	N	CEILING	AT02	2x4 Pinhole Fleck								Date stamped (07/19/16)	
647	96	1	156C	CORRIDOR	N	STRUCTURE	DECK	Corrugated Metal									
648	96	1	156C	CORRIDOR	N	PIPE	STRAIGHT	Fibreglass									
649	96	1	156C	CORRIDOR	S	PIPE	STRAIGHT	Transite	G	D	60	LF	S	NF		Runs from N wall of 120 to E wall of 114A	
650	96	1	156C	CORRIDOR	S	PIPE	STRAIGHT	Transite	G	D	45	LF	S	NF		Runs from 118 to 159	
651	96	1	156C	CORRIDOR	N	PIPE	FITTING	Fibreglass									
652	96	1	156C	CORRIDOR	Y	PIPE	FITTING	Parging Cement	G	D	10	EACH	CH	F	A1064-05, Sample 3	Suspect - Wrapped in foil	
653	96	1	156C	CORRIDOR	N	DUCT		Not Insulated									
654	96	1	156C	CORRIDOR	N	MECHANICAL		Not Found									
655	96	1	156D	CORRIDOR	N	FLOOR		Ceramic									
656	96	1	156D	CORRIDOR	N	WALL		Masonry Block									
657	96	1	156D	CORRIDOR	N	WALL		Brick									
658	96	1	156D	CORRIDOR	N	CEILING 1	AT01	2x4 Small and Medium Pinhole								Date stamped (02/07/09)	
659	96	1	156D	CORRIDOR	N	CEILING 1	AT03	2x4 Square Pattern								Date stamped (14/06/09)	
660	96	1	156D	CORRIDOR	N	CEILING 2		Tectum Panels								Applied to deck	
661	96	1	156D	CORRIDOR	S	STRUCTURE	DECK	No Access above ceiling								Assume ACM present	
662	96	1	156D	CORRIDOR	N	PIPE	STRAIGHT	Not Insulated									
663	96	1	156D	CORRIDOR	N	PIPE	STRAIGHT	Fibreglass									
664	96	1	156D	CORRIDOR	N	PIPE	FITTING	Not Insulated									
665	96	1	156D	CORRIDOR	N	PIPE	FITTING	Fibreglass									
666	96	1	156D	CORRIDOR	N	DUCT		Not Insulated									
667	96	1	156D	CORRIDOR	N	DUCT		Fibreglass									
668	96	1	156D	CORRIDOR	N	MECHANICAL	RADIATOR	Externally Not Insulated									
669	96	1	157	VESTIBULE	N	FLOOR		Ceramic									
670	96	1	157	VESTIBULE	N	WALL		Masonry Block									
671	96	1	157	VESTIBULE	S	CEILING		Drywall	G	C	40	SF	S	NF			
672	96	1	157	VESTIBULE	S	STRUCTURE	DECK	No Access above ceiling								Assume ACM present	
673	96	1	157	VESTIBULE	N	PIPE	STRAIGHT	Not Found									
674	96	1	157	VESTIBULE	N	PIPE	FITTING	Not Found									
675	96	1	157	VESTIBULE	N	DUCT		Not Found									
676	96	1	157	VESTIBULE	N	MECHANICAL	RADIATOR	Externally Not Insulated									
677	96	1	158	VESTIBULE	N	FLOOR		Terrazzo									
678	96	1	158	VESTIBULE	N	WALL		Masonry Block									
679	96	1	158	VESTIBULE	N	CEILING	AT02	2x4 Pinhole Fleck								Date stamped (07/19/16)	
680	96	1	158	VESTIBULE	N	STRUCTURE	DECK	Corrugated Metal									
681	96	1	158	VESTIBULE	N	PIPE	STRAIGHT	Not Insulated									
682	96	1	158	VESTIBULE	N	PIPE	STRAIGHT	Fibreglass									
683	96	1	158	VESTIBULE	N	PIPE	FITTING	Not Insulated									
684	96	1	158	VESTIBULE	N	PIPE	FITTING	Fibreglass									
685	96	1	158	VESTIBULE	N	DUCT		Not Found									
686	96	1	158	VESTIBULE	N	MECHANICAL	RADIATOR	Externally Not Insulated									
687	96	1	159	VESTIBULE	N	FLOOR		Terrazzo									
688	96	1	159	VESTIBULE	N	WALL		Masonry Block									
689	96	1	159	VESTIBULE	N	CEILING	AT02	2x4 Pinhole Fleck								Date stamped (07/19/16)	
690	96	1	159	VESTIBULE	N	STRUCTURE	DECK	Corrugated Metal									
691	96	1	159	VESTIBULE	N	PIPE	STRAIGHT	Not Found									
692	96	1	159	VESTIBULE	N	PIPE	FITTING	Not Found									
693	96	1	159	VESTIBULE	N	DUCT		Not Found									
694	96	1	159	VESTIBULE	N	MECHANICAL	RADIATOR	Externally Not Insulated									
695	96	1	160	VESTIBULE	N	FLOOR		Ceramic									
696	96	1	160	VESTIBULE	N	WALL		Masonry Block									
697	96	1	160	VESTIBULE	N	CEILING	AT01	2x4 Small and Medium Pinhole								Date stamped (02/07/09)	
698	96	1	160	VESTIBULE	N	STRUCTURE	DECK	Corrugated Metal									
699	96	1	160	VESTIBULE	N	PIPE	STRAIGHT	Not Insulated									
700	96	1	160	VESTIBULE	N	PIPE	STRAIGHT	Fibreglass									
701	96	1	160	VESTIBULE	N	PIPE	FITTING	Not Insulated									
702	96	1	160	VESTIBULE	N	PIPE	FITTING	Fibreglass									
703	96	1	160	VESTIBULE	N	DUCT		Not Found									
704	96	1	160	VESTIBULE	N	MECHANICAL	RADIATOR	Externally Not Insulated									

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
705	96	1	161	B.F. WASHROOM	N	FLOOR		Ceramic									
706	96	1	161	B.F. WASHROOM	N	WALL		Masonry Block									
707	96	1	161	B.F. WASHROOM	N	CEILING	AT01	2x4 Small and Medium Pinhole								Date stamped (02/07/09)	
708	96	1	161	B.F. WASHROOM	N	STRUCTURE	DECK	Corrugated Metal								Limited access above ceiling	
709	96	1	161	B.F. WASHROOM	N	PIPE	STRAIGHT	Not Insulated									
710	96	1	161	B.F. WASHROOM	N	PIPE	FITTING	Not Insulated									
711	96	1	161	B.F. WASHROOM	N	DUCT		Not Insulated									
712	96	1	161	B.F. WASHROOM	N	MECHANICAL		Not Found									
713	96	1	162	GIRL'S WASHROOM	N	FLOOR		Ceramic									
714	96	1	162	GIRL'S WASHROOM	N	WALL		Masonry Block									
715	96	1	162	GIRL'S WASHROOM	N	CEILING		Drywall								New	
716	96	1	162	GIRL'S WASHROOM	S	STRUCTURE	DECK	No Access above ceiling								Assume ACM present	
717	96	1	162	GIRL'S WASHROOM	N	PIPE	STRAIGHT	Not Insulated									
718	96	1	162	GIRL'S WASHROOM	N	PIPE	FITTING	Not Insulated									
719	96	1	162	GIRL'S WASHROOM	N	DUCT		Not Found									
720	96	1	162	GIRL'S WASHROOM	N	MECHANICAL	RADIATOR	Externally Not Insulated									
721	96	1	163	BOY'S WASHROOM	N	FLOOR		Ceramic									
722	96	1	163	BOY'S WASHROOM	N	WALL		Masonry Block									
723	96	1	163	BOY'S WASHROOM	N	CEILING		Drywall								New	
724	96	1	163	BOY'S WASHROOM	S	STRUCTURE	DECK	No Access above ceiling								Assume ACM present	
725	96	1	163	BOY'S WASHROOM	N	PIPE	STRAIGHT	Not Insulated									
726	96	1	163	BOY'S WASHROOM	N	PIPE	FITTING	Not Insulated									
727	96	1	163	BOY'S WASHROOM	N	DUCT		Not Found									
728	96	1	163	BOY'S WASHROOM	N	MECHANICAL	RADIATOR	Externally Not Insulated									
729	96	1	164	STORAGE	N	FLOOR	VFT04	12x12 White with Navy, Light Blue, and Orange Fleck								New	
730	96	1	164	STORAGE	N	WALL		Masonry Block									
731	96	1	164	STORAGE	N	CEILING	AT01	2x4 Small and Medium Pinhole								Date stamped (02/07/09)	
732	96	1	164	STORAGE	N	STRUCTURE	DECK	Corrugated Metal									
733	96	1	164	STORAGE	N	PIPE	STRAIGHT	Not Found									
734	96	1	164	STORAGE	N	PIPE	FITTING	Not Found									
735	96	1	164	STORAGE	N	DUCT		Not Insulated									
736	96	1	164	STORAGE	N	DUCT		Fibreglass									
737	96	1	164	STORAGE	N	MECHANICAL		Not Found									
738	96	1	165	SEMINAR ROOM	N	FLOOR	VFT01	12x12 Beige with Brown and Green Fleck								New	
739	96	1	165	SEMINAR ROOM	N	FLOOR	VFT02	12x12 Yellow with Orange and Green Fleck								New	
740	96	1	165	SEMINAR ROOM	N	WALL		Masonry Block									
741	96	1	165	SEMINAR ROOM	N	CEILING	AT01	2x4 Small and Medium Pinhole								Date stamped (02/07/09)	
742	96	1	165	SEMINAR ROOM	N	STRUCTURE	DECK	Corrugated Metal									
743	96	1	165	SEMINAR ROOM	N	PIPE	STRAIGHT	Not Insulated									
744	96	1	165	SEMINAR ROOM	N	PIPE	STRAIGHT	Fibreglass									
745	96	1	165	SEMINAR ROOM	N	PIPE	FITTING	Not Insulated									
746	96	1	165	SEMINAR ROOM	N	PIPE	FITTING	Fibreglass									
747	96	1	165	SEMINAR ROOM	N	DUCT		Not Insulated									
748	96	1	165	SEMINAR ROOM	N	DUCT		Fibreglass									
749	96	1	165	SEMINAR ROOM	N	MECHANICAL		Not Found									
750	96	1	166	RECYCLING ROOM	N	FLOOR		Ceramic									
751	96	1	166	RECYCLING ROOM	N	WALL		Masonry Block									
752	96	1	166	RECYCLING ROOM	N	CEILING	AT01	2x4 Small and Medium Pinhole								Date stamped (02/07/09)	
753	96	1	166	RECYCLING ROOM	N	STRUCTURE	DECK	Corrugated Metal									
754	96	1	166	RECYCLING ROOM	N	PIPE	STRAIGHT	Not Insulated									
755	96	1	166	RECYCLING ROOM	N	PIPE	STRAIGHT	Fibreglass									
756	96	1	166	RECYCLING ROOM	N	PIPE	FITTING	Not Insulated									
757	96	1	166	RECYCLING ROOM	N	PIPE	FITTING	Fibreglass									
758	96	1	166	RECYCLING ROOM	N	DUCT		Not Insulated									
759	96	1	166	RECYCLING ROOM	N	DUCT		Fibreglass									
760	96	1	166	RECYCLING ROOM	N	MECHANICAL		Not Found									
761	96	1	167	CUSTODIAN ROOM	N	FLOOR		Ceramic									
762	96	1	167	CUSTODIAN ROOM	N	WALL		Masonry Block									
763	96	1	167	CUSTODIAN ROOM	N	CEILING	AT01	2x4 Small and Medium Pinhole								Date stamped (02/07/09)	
764	96	1	167	CUSTODIAN ROOM	N	STRUCTURE	DECK	Corrugated Metal									
765	96	1	167	CUSTODIAN ROOM	N	PIPE	STRAIGHT	Fibreglass									
766	96	1	167	CUSTODIAN ROOM	N	PIPE	FITTING	Fibreglass									
767	96	1	167	CUSTODIAN ROOM	N	DUCT		Not Insulated									
768	96	1	167	CUSTODIAN ROOM	N	MECHANICAL		Not Found									
769	96	1	168	VESTIBULE	N	FLOOR		Ceramic									
770	96	1	168	VESTIBULE	N	WALL		Masonry Block									
771	96	1	168	VESTIBULE	N	CEILING	AT01	2x4 Small and Medium Pinhole								Date stamped (02/07/09)	
772	96	1	168	VESTIBULE	N	STRUCTURE	DECK	Corrugated Metal									
773	96	1	168	VESTIBULE	N	PIPE	STRAIGHT	Not Insulated									
774	96	1	168	VESTIBULE	N	PIPE	STRAIGHT	Fibreglass									
775	96	1	168	VESTIBULE	N	PIPE	FITTING	Not Insulated									
776	96	1	168	VESTIBULE	N	PIPE	FITTING	Fibreglass									
777	96	1	168	VESTIBULE	N	DUCT		Not Found									
778	96	1	168	VESTIBULE	N	MECHANICAL	RADIATOR	Externally Not Insulated									

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
779	96	1	169	MECHANICAL ROOM	N	FLOOR		Concrete									
780	96	1	169	MECHANICAL ROOM	N	WALL		Masonry Block									
781	96	1	169	MECHANICAL ROOM	N	CEILING		Not Found									
782	96	1	169	MECHANICAL ROOM	N	STRUCTURE	DECK	Corrugated Metal									
783	96	1	169	MECHANICAL ROOM	N	PIPE	STRAIGHT	Not Insulated									
784	96	1	169	MECHANICAL ROOM	N	PIPE	STRAIGHT	Fibreglass									
785	96	1	169	MECHANICAL ROOM	N	PIPE	FITTING	Not Insulated									
786	96	1	169	MECHANICAL ROOM	N	PIPE	FITTING	Fibreglass									
787	96	1	169	MECHANICAL ROOM	N	DUCT		Not Insulated									
788	96	1	169	MECHANICAL ROOM	N	DUCT		Fibreglass									
789	96	1	169	MECHANICAL ROOM	N	MECHANICAL	AHU	Externally Not Insulated									
790	96	1	170	VESTIBULE	N	FLOOR		Ceramic									
791	96	1	170	VESTIBULE	N	WALL		Masonry Block									
792	96	1	170	VESTIBULE	S	WALL		Drywall	G	C	15	SF	S	NF			
793	96	1	170	VESTIBULE	N	CEILING	AT02	2x4 Pinhole Fleck									
794	96	1	170	VESTIBULE	N	STRUCTURE	DECK	Corrugated Metal								Date stamped (07/19/16)	
795	96	1	170	VESTIBULE	N	PIPE	STRAIGHT	Not Insulated									
796	96	1	170	VESTIBULE	N	PIPE	STRAIGHT	Fibreglass									
797	96	1	170	VESTIBULE	N	PIPE	FITTING	Not Insulated									
798	96	1	170	VESTIBULE	N	PIPE	FITTING	Fibreglass									
799	96	1	170	VESTIBULE	N	DUCT		Not Found									
800	96	1	170	VESTIBULE	N	MECHANICAL		Not Found									
801	96	1	171	EXTERIOR	N	FLOOR		Not Applicable									
802	96	1	171	EXTERIOR	N	WALL		Masonry Block									
803	96	1	171	EXTERIOR	N	WALL		Brick									
804	96	1	171	EXTERIOR	S	WALL		Textured Plaster	G	A	500	SF	S	F	A1064-09		
805	96	1	171	EXTERIOR	S	WALL		Textured Plaster	F	A	5	SF	S	F	A1064-09		
806	96	1	171	EXTERIOR	N	WALL		Metal Siding									
807	96	1	171	EXTERIOR	N	CEILING		Not Applicable									
808	96	1	171	EXTERIOR	N	STRUCTURE	DECK	Not Applicable									
809	96	1	171	EXTERIOR	N	STRUCTURE	SOFFIT	Wood									
810	96	1	171	EXTERIOR	N	STRUCTURE	SOFFIT	Metal									
811	96	1	171	EXTERIOR	N	PIPE	STRAIGHT	Not Found									
812	96	1	171	EXTERIOR	N	PIPE	FITTING	Not Found									
813	96	1	171	EXTERIOR	N	DUCT		Not Found									
814	96	1	171	EXTERIOR	N	MECHANICAL	Gas Meter	Externally Not Insulated									
815	96	2	201	NO ACCESS	S			NO ACCESS DURING CURRENT ASSESSMENT								Assume ACM present	

