

# TABARET HALL, OTTAWA, ON HAZARDOUS MATERIALS SURVEY AND 2022 REASSESSMENT



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Prepared for:

University of Ottawa

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McINTOSH PERRY

## TABLE OF CONTENTS

REASSESSMENT SURVEY 2022.....	I
EXECUTIVE SUMMARY .....	II
1.0 INTRODUCTION .....	1
2.0 PROPERTY DESCRIPTION .....	2
3.0 FINDINGS & RECOMMENDATIONS.....	2
<i>Designated Substances</i> .....	2
3.1 Asbestos.....	2
3.1.1 Fireproofing.....	8
3.1.2 Mechanical Pipe Insulation .....	8
3.1.3 Flexible Duct Connector .....	9
3.1.4 Heat Shield or Heat Shield Insulation .....	9
3.1.5 Texture Finishes.....	9
3.1.6 Plaster .....	9
3.1.7 Loose-Fill Insulation .....	10
3.1.8 Drywall Joint Compound .....	10
3.1.9 Ceiling Tiles.....	10
3.1.10 Vinyl Floor Tiles.....	11
3.1.11 Vinyl Sheet Floor.....	15
3.1.12 Brick Mortar.....	15
3.1.13 Concrete Block Mortar .....	15
3.1.14 Ceramic Wall / Floor Tile Grout .....	15
3.1.15 Transite (Asbestos Cement) .....	16
3.1.16 Caulking & Glazing .....	16
3.1.17 Tar .....	16
3.1.18 Cementitious Coating.....	16
3.1.19 Wallpaper .....	16
3.1.20 Fire Doors .....	17
3.1.21 Roofing Material .....	17

3.2	Lead .....	18
3.2.1	Paint Finishes.....	18
3.2.2	Battery Packs .....	20
3.3	Mercury.....	21
3.3.1	Thermostat Switches.....	21
3.3.2	Fluorescent Light Tubes .....	21
3.3.3	Pressure Gauges and Float Switches.....	21
3.4	Silica.....	21
	Other Hazardous Materials .....	22
3.5	Polychlorinated Biphenyls (PCBs) .....	22
3.5.1	Light Ballasts.....	22
3.5.2	Transformers .....	22
3.6	Ozone Depleting Substances (ODSs) and Other Halocarbon.....	23
3.7	Radioactive Materials.....	23
3.8	Underground and Above Ground Storage Tanks (USTs and ASTs) .....	23
3.9	Mould.....	24
3.9.1	Mould .....	24
3.9.2	Water Damage.....	24
4.0	GENERAL CONSIDERATIONS AND LIMITATIONS .....	25

Appendix A – Regulatory Requirements

Appendix B – Survey Methodology & Background Information

Appendix C – Laboratory Certificate of Analysis

Appendix D– Site Photographs

Appendix E – Asbestos Containing Materials Checklist

Appendix F – Hazardous Containing Materials Checklist

Appendix G – Site Sampling & Location Plans

## REASSESSMENT SURVEY 2022

McIntosh Perry Limited (MPL) was retained by the University of Ottawa, to complete to a hazardous materials survey of Marchand Residence located at 75 Laurier Avenue, Ottawa, Ontario. The survey was conducted from August 22<sup>nd</sup> to 30<sup>th</sup>, 2019. The reassessment was completed on August 29<sup>th</sup>, 2022.

The purpose of the reassessment was to evaluate the condition and quantity of previously reported asbestos-containing materials (ACM) and develop corrective action plans as required for the purposes of long-term management.

The assessment and reassessment determined the following findings and recommendations.

### Summary of the Reassessment Findings:

- ACM Drywall Joint Compound (DJC) was observed to be in Good, Fair, and Poor Condition in select areas throughout the subject building.
- ACM Plaster finishes on Walls and Ceilings were observed to be in Good, Fair, and Poor Condition in select areas throughout the subject building.
- ACM Mechanical Pipe Straight Insulation was observed to be in Good condition in select areas of the subject building.
- ACM Mechanical Pipe Fitting/Elbow Insulation was observed to be in Good and Poor condition in select areas of the subject building.
- ACM Ceiling Tiles were observed to be in Good, Fair, and Poor Condition in select areas of the subject building.
- ACM Caulking on Interior Window Frames (Black) was observed to be in Good condition in select areas throughout of the subject building.
- ACM Brick Mortar was observed to be in Good Condition in select areas of the subject building.
- Water damaged materials were observed in select locations during the site survey.
- Mould affected materials were observed in select locations during the site survey.

### Summary of Recommendations:

- Perform a reassessment of asbestos materials on an annual basis.
- Perform a pre-construction assessment and remove all asbestos-containing materials (ACM) prior to alterations or maintenance work if ACM may be disturbed by the work.
- Follow appropriate safe work procedures when handling or disturbing asbestos.
- Sample any presumed ACM prior to alteration or maintained work if presumed ACM may be disturbed by the work.



## EXECUTIVE SUMMARY

McIntosh Perry Limited (MPL) was retained by the University of Ottawa, to complete a hazardous materials survey for Tabaret Hall located at 75 Laurier Avenue, Ottawa, Ontario. The survey was conducted from August 22<sup>nd</sup> to 30<sup>th</sup>, 2019. The Reassessment Survey was completed on August 29<sup>th</sup>, 2022.

The purpose of the survey was to determine the presence of building materials containing Designated Substances and other hazardous materials, as defined under the Ontario Occupational Health and Safety Act. Designated Substances are eleven chemical agents prescribed under Ontario Regulation 490/09. In addition, a visual assessment was conducted for the presence of polychlorinated biphenyls (PCBs), radioactive materials, ozone depleting substances (ODSs), other halocarbons and mould.

Based on the assessment conducted by MPL, the following ACMs were identified or suspected to be present in the building:

Table A: Summary of Asbestos-Containing Materials Identified

Material Description	Friable?	Location	Type of Asbestos
Drywall Joint Compound	-	Throughout Building	Chrysotile
Plaster	Yes	Throughout Building	Chrysotile
Mechanical Pipe Insulation	Yes	Specific Areas Only	Chrysotile
Vinyl Floor Tiles	No	Specific Areas Only	Chrysotile
Ceiling Tiles	-	Specific Areas Only	Chrysotile
Caulking	No	Throughout Building	Chrysotile
Brick Mortar	No	Specific Areas Only	Chrysotile
Fire doors	No	Throughout Building	Suspected
Roofing Materials	-	Roof	Suspected

Note: Please refer to the complete report for specific details and recommendations.

All repairs or removal of asbestos-containing materials must be conducted according to Ontario Regulation 278/05, Regulation respecting Asbestos on Construction Projects and in Buildings and Repair Operations - made under the Occupational Health and Safety Act. Asbestos containing waste must also be handled and disposed of according to Ontario Regulation 347/90 as amended – made under the Environmental Protection Act. Any suspect building materials encountered that were not assessed as part of this survey, should be assumed to contain asbestos until proven otherwise by analytical testing;

Sub-trades working with or in close proximity to asbestos-containing material should be informed of its presence.

Given that asbestos containing materials (ACMs) have been identified and will likely remain in place, an Asbestos Management Plan (AMP) is therefore required and an inventory of ACMs must be kept on site. All ACMs must be routinely inspected to ensure no damage has occurred, and the inventory must be updated once

in each 12-month period and as may be required based on expected changing site conditions, abatement and/or renovation activities.

Based on the assessment conducted by MPL, the following Designated Substances and Hazardous Materials were identified or suspected to be present in the building:

Table B: Summary of Designated Substances & Hazardous Materials Identified

Material Description	Location
Lead Paint	Specific Areas Only
Lead Acid Batteries	Throughout Building
Mercury Vapour	Throughout Building
Ozone Depleted Substances	Specific Areas Only
Silica	Throughout Building
Mould	Specific Areas Only

Note: Please refer to the complete report for specific details and recommendations.

Designated Substances are regulated under Ontario Regulation 490/09 — Designated Substances, made under the Ontario Health and Safety Act, which applies to controlling designated substances in the workplace.

In addition to Ontario Regulation 490/09, the following guidelines must also be adhered to when conducting work activities that involve disturbance of the above-mentioned materials:

- Guideline: Lead on Construction Projects, issued April 2011 by the Occupational Health and Safety branch of the Ministry of Labour
- Guideline: Silica on Construction Projects issued April 2011 by the Occupational Health and Safety branch of the Ministry of Labour.
- Environmental Abatement Council of Canada (EACC) Mould Abatement Guidelines.

Prior to any renovations or demolition activities within building, designated substances and hazardous materials must be decommissioned by a licensed contractor such that they are contained and not released to the environment during decommissioning as per O. Reg. 347/09- made under the Environmental Protection Act.

Any suspect building materials encountered that were not assessed as part of this survey, should be assumed to contain designated substances or hazardous materials until proven otherwise by analytical testing.

This report should be made available to contractors tendering on any renovation or demolition work. In turn, all contractors requesting tenders from subcontractors shall furnish this report to subcontractors.

This executive summary is not to be used alone. This report should be reviewed in its entirety.

DRAFT

# McINTOSH PERRY

January 17, 2023

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Hazardous Materials Survey and 2022 Reassessment  
McIntosh Perry Limited Reference No. Z1920014HZ / CCC-230252-00

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## 1.0 INTRODUCTION

In accordance with your instructions, McIntosh Perry Limited (MPL) carried out a Hazardous Materials Survey at Tabaret Hall, the institutional building located at 75 Laurier Avenue, Ottawa, Ontario. The site is situated on the northwest corner of the intersection of Cumberland Street and Laurier Avenue. The survey of the building was conducted from August 22nd to 30th, 2019. The Reassessment Survey was completed on August 29<sup>th</sup>, 2022.

The purpose of the survey was to determine the presence of building materials containing Designated Substances and other hazardous materials, as defined under the Ontario Occupational Health and Safety Act. Designated Substances are eleven chemical agents prescribed under Ontario Regulation 490/09. In addition, a visual assessment was conducted for the presence of polychlorinated biphenyls (PCBs), radioactive materials, ozone depleting substances (ODSs), other halocarbons and mould.

MPL completed the following,

- Visual review of the building to identify materials which could contain Designated Substances and hazardous materials;
- Bulk sampling and analysis of building materials suspected of containing asbestos (if required);
- Bulk sampling and analysis of representative paints and finishes suspected of containing lead (if required);
- Review of previously completed Hazardous Materials Survey(s) and historical building record(s); and,
- Recommendations for appropriate action where required.

## 2.0 PROPERTY DESCRIPTION

The subject building is a five (5) storey university building which contains lecture halls, lab spaces and University's central administration offices. The subject building was observed to be constructed with reinforced concrete; supported by steel trusses, beams and columns between 1905 and 1931. The interior walls were observed to be gypsum wallboard, plaster and concrete block. Within the subject building, ceilings were observed to be suspended ceiling tiles, plaster with select areas containing gypsum wallboard. The floors were generally polished concrete with the exception of select units containing vinyl floor tiles and carpet.

## 3.0 FINDINGS & RECOMMENDATIONS

### Designated Substances

### 3.1 Asbestos

#### Findings

A total of one hundred and seventy (170) bulk samples were collected during the survey and sent to an accredited laboratory for analysis. A summary of potential asbestos-containing samples collected along with the sample location, type and friability are presented in Table 1.

Laboratory certificates of analysis for asbestos are included in Appendix C.

Table 1:  
Asbestos Laboratory Results

Sample ID	Location	Material	Type and Content	Friability
Sample Set #1				
BS 1.1	Room L012	VFT – 12" x 12" Beige w/ Black Dots	None Detected	N/A
BS 1.2	Room L012	VFT – 12" x 12" Beige w/ Black Dots	None Detected	N/A
BS 1.3	Room L012	VFT – 12" x 12" Beige w/ Black Dots	None Detected	N/A
		Mastic (Black)	None Detected	N/A
BS 2.1	Room W1032	VFT-12"x12" Grey w/ Black Dots	None Detected	N/A
BS 2.2	Room W1032	VFT-12"x12" Grey w/ Black Dots	None Detected	N/A
		Mastic (Black)	None Detected	N/A
BS 2.3	Room W1032	VFT-12"x12" Grey w/ Black Dots	None Detected	N/A
BS 3.1	Room M153	VFT-12"x12" Grey w/ Beige and Blue Flakes	None Detected	N/A
		Mastic (Yellow)	None Detected	N/A
BS 3.2	Room M153	VFT-12"x12" Grey w/ Beige and Blue Flakes	None Detected	N/A



Sample ID	Location	Material	Type and Content	Friability
BS 3.2	Room M153	Mastic (Yellow)	None Detected	N/A
BS 3.3	Room M153	VFT-12"x12" Grey w/ Beige and Blue Flakes	None Detected	N/A
		Mastic (Yellow)	None Detected	N/A
BS 4.1	Room M153	VFT-12"x12" Off White w/ Blue Flakes	None Detected	N/A
BS 4.2	Room M153	VFT-12"x12" Off White w/ Blue Flakes	None Detected	N/A
		Mastic (Yellow)	None Detected	N/A
BS 4.3	Room M153	VFT-12"x12" Off White w/ Blue Flakes	None Detected	N/A
BS 5.1	Room C111	VFT-12"x12" Brown w/ Multicolour Flakes	None Detected	N/A
		Mastic (Yellow)	None Detected	N/A
BS 5.2	Room C111	VFT-12"x12" Brown w/ Multicolour Flakes	None Detected	N/A
		Mastic (Yellow)	None Detected	N/A
BS 5.3	Room C111	VFT-12"x12" Brown w/ Multicolour Flakes	None Detected	N/A
		Mastic (Yellow)	None Detected	N/A
BS 6.1	Room M155	VFT-12"x12" Light Blue w/ Grey Flakes	None Detected	N/A
		Mastic (Brown)	None Detected	N/A
BS 6.2	Room M155	VFT-12"x12" Light Blue w/ Grey Flakes	None Detected	N/A
		Mastic (Brown)	None Detected	N/A
BS 6.3	Room M155	VFT-12"x12" Light Blue w/ Grey Flakes	None Detected	N/A
BS 7.1	Room M418	VFT-12"x12" Beige Camo w/ Grey Streaks	None Detected	N/A
BS 7.2	Room M418	VFT-12"x12" Beige Camo w/ Grey Streaks	None Detected	N/A
BS 7.3	Room M418	VFT-12"x12" Beige Camo w/ Grey Streaks	None Detected	N/A
BS 8.1	Room M386	Interior Window Caulking (Black)	1% Chrysotile	Non-Friable
BS 8.2	Room M386	Interior Window Caulking (Black)	Stop Positive	Non-Friable
BS 8.3	Room M386	Interior Window Caulking (Black)	Stop Positive	Non-Friable
BS 9.1	Room N0122B	VFT-12"x12" Off White w/ Small Grey Streaks	None Detected	N/A
BS 9.2	Room N0122B	VFT-12"x12" Off White w/ Small Grey Streaks	None Detected	N/A
BS 9.3	Room N0122B	VFT-12"x12" Off White w/ Small Grey Streaks	None Detected	N/A
		Mastic (Black)	None Detected	N/A
BS 10.1	Room N0019	VFT-12"x12" Brown w/ White Streaks	None Detected	N/A
		Mastic (Black)	None Detected	N/A
BS 10.2	Room N0019	VFT-12"x12" Brown w/ White Streaks	None Detected	N/A
		Mastic (Black)	None Detected	N/A

Sample ID	Location	Material	Type and Content	Friability
BS 10.3	Room N0019	VFT-12"x12" Brown w/ White Streaks	None Detected	N/A
		Mastic (Black)	None Detected	N/A
BS 11.1	Room N0026	Concrete Block Mortar	None Detected	N/A
BS 11.2	Room N0026	Concrete Block Mortar	None Detected	N/A
BS 11.3	Room N0026	Concrete Block Mortar	None Detected	N/A
BS 12.1	Room W030A	VFT-12"x12" Blue w/ Grey and White Streaks	None Detected	N/A
BS 12.2	Room W030A	VFT-12"x12" Blue w/ Grey and White Streaks	None Detected	N/A
BS 12.3	Room W030A	VFT-12"x12" Blue w/ Grey and White Streaks	None Detected	N/A
BS 13.1	Room W030B	VFT-12"x12" Light Blue w/ Black Dots	None Detected	N/A
		Mastic (Black)	None Detected	N/A
BS 13.2	Room W030B	VFT-12"x12" Light Blue w/ Black Dots	None Detected	N/A
		Mastic (Black)	None Detected	N/A
BS 13.3	Room W030B	VFT-12"x12" Light Blue w/ Black Dots	None Detected	N/A
		Mastic (Black)	None Detected	N/A
BS 14.1	Room W0037	VFT-12"x12"-Beige w/ Brown Streaks	0.5% Chrysotile	Non-Friable
		Mastic (Black)	None Detected	N/A
BS 14.2	Room W0037	VFT-12"x12"-Beige w/ Brown Streaks	Stop Positive	Non-Friable
		Mastic (Black)	None Detected	N/A
BS 14.3	Room W0037	VFT-12"x12"-Beige w/ Brown Streaks	Stop Positive	Non-Friable
		Mastic (Black)	None Detected	N/A
BS 15.1	Room W335	Mechanical Pipe Straight Insulation	3% Chrysotile	Friable
BS 15.2	Room W335	Mechanical Pipe Straight Insulation	Stop Positive	Friable
BS 15.3	Room W335	Mechanical Pipe Straight Insulation	Stop Positive	Friable
BS 16.1	Room C303	Wallpaper (Beige)	None Detected	N/A
BS 16.2	Room C303	Wallpaper (Beige)	None Detected	N/A
BS 16.3	Room C303	Wallpaper (Beige)	None Detected	N/A
BS 17.1	Room C216	Textured Wallpaper	None Detected	N/A
BS 17.2	Room C216	Textured Wallpaper	None Detected	N/A
BS 17.3	Room C216	Textured Wallpaper	None Detected	N/A
BS 18.1	Room C111	VFT-12"x12" Light Green w/ Multicolour Flakes	None Detected	N/A
			None Detected	N/A

Sample ID	Location	Material	Type and Content	Friability
BS 18.2	Room C111	VFT-12"x12" Light Green w/ Multicolour Flakes	None Detected	N/A
		Mastic (Yellow)	None Detected	N/A
BS 18.3	Room C111	VFT-12"x12" Light Green w/ Multicolour Flakes	None Detected	N/A
		Mastic (Yellow)	None Detected	N/A
BS 19.1	Room C217D	Floor Levelling Compound	None Detected	N/A
BS 19.2	Room C217D	Floor Levelling Compound	None Detected	N/A
BS 19.3	Room C217D	Floor Levelling Compound	None Detected	N/A
BS 20.1	Room C217D	VSF-Terrazzo Mosaic Pattern (Beige)	None Detected	N/A
BS 20.2	Room C217D	VSF-Terrazzo Mosaic Pattern (Beige)	None Detected	N/A
BS 20.3	Room C217D	VSF-Terrazzo Mosaic Pattern (Beige)	None Detected	N/A
BS 21.1	Room C111	VFT-12"x12"-Grey w/ Multicolour Flakes	None Detected	N/A
		Mastic (Yellow)	None Detected	N/A
BS 21.2	Room C111	VFT-12"x12"-Grey w/ Multicolour Flakes	None Detected	N/A
		Mastic (Yellow)	None Detected	N/A
BS 21.3	Room C111	VFT-12"x12"-Grey w/ Multicolour Flakes	None Detected	N/A
		Mastic (Yellow)	None Detected	N/A
BS 22.1	Room C207C	Wallpaper (Grey w/ Brown Streaks)	None Detected	N/A
BS 22.2	Room C207C	Wallpaper (Grey w/ Brown Streaks)	None Detected	N/A
BS 22.3	Room C207C	Wallpaper (Grey w/ Brown Streaks)	None Detected	N/A
BS 23.1	Room C01B	Brick Mortar (Light Grey)	None Detected	N/A
BS 23.2	Room C01B	Brick Mortar (Light Grey)	None Detected	N/A
BS 23.3	Room C01B	Brick Mortar (Light Grey)	None Detected	N/A
BS 24.1	Room C111A	VFT-12"x12"-Brown Camo w/ Grey and Black Flakes	None Detected	N/A
		Mastic (Yellow)	None Detected	N/A
BS 24.2	Room C111A	VFT-12"x12"-Brown Camo w/Grey and Black Flakes	None Detected	N/A
		Mastic (Yellow)	None Detected	N/A
BS 24.3	Room C111A	VFT-12"x12"-Brown Camo w/ Grey and Black Flakes	None Detected	N/A
		Mastic (Yellow)	None Detected	N/A
BS 25.1	Room C111	VFT-12"x12" - Off-white w/ Multicolour Flakes	None Detected	N/A
		Mastic (Yellow)	None Detected	N/A
BS 25.2	Room C111	VFT-12"x12" - Off-white w/ Multicolour Flakes	None Detected	N/A
		Mastic (Yellow)	None Detected	N/A
BS 25.3	Room C111	VFT-12"x12" - Off-white w/ Multicolour Flakes	None Detected	N/A
BS 26.1	Room L200	VFT-12"x12" Red w/ Grey Flakes	None Detected	N/A
BS 26.2	Room L200	VFT-12"x12" Red w/ Grey Flakes	None Detected	N/A
BS 26.3	Room L200	VFT-12"x12" Red w/ Grey Flakes	None Detected	N/A
BS 27.1	Room L250	Wallpaper (White)	None Detected	N/A

Sample ID	Location	Material	Type and Content	Friability
BS 27.2	Room L250	Wallpaper (White)	None Detected	N/A
BS 27.3	Room L250	Wallpaper (White)	None Detected	N/A
BS 28.1	Room L242	Firestop Caulking (Red)	None Detected	N/A
BS 28.2	Room L242	Firestop Caulking (Red)	None Detected	N/A
BS 28.3	Room L242	Firestop Caulking (Red)	None Detected	N/A
BS 29.1	Room L056	SCT-2'x2'-Pinholes with Large Fissures	1% Chrysotile	-
BS 29.2	Room L056	SCT-2'x2'-Pinholes with Large Fissures	Stop Positive	-
BS 29.3	Room L056	SCT-2'x2'-Pinholes with Large Fissures	Stop Positive	-
BS 30.1	Room W009	SCT-2'x4'-Pinholes with Large Fissures	None Detected	N/A
BS 30.2	Room W33A	SCT-2'x4'-Pinholes with Large Fissures	None Detected	N/A
BS 30.3	Room M282	SCT-2'x4'-Pinholes with Large Fissures	None Detected	N/A
BS 31.1	Room C455	Brick Mortar (Dark Grey)	1% Chrysotile	Non-Friable
BS 31.2	Room C455	Brick Mortar (Dark Grey)	Stop Positive	Non-Friable
BS 31.3	Room C455	Brick Mortar (Dark Grey)	Stop Positive	Non-Friable
BS 32.1	Room C459	VFT-12"x12" Beige with Brown Streaks	None Detected	N/A
		Mastic (Black)	None Detected	N/A
BS 32.2	Room C459	VFT-12"x12" Beige with Brown Streaks	None Detected	N/A
		Mastic (Black)	None Detected	N/A
BS 32.3	Room C459	VFT-12"x12" Beige with Brown Streaks	None Detected	N/A
		Mastic (Black)	None Detected	N/A
BS 33.1	Room C459	VFT-12"x12" Off-white with Multicolour Flakes	None Detected	N/A
		Mastic (Black)	None Detected	N/A
BS 33.2	Room C459	VFT-12"x12" Off-white with Multicolour Flakes	None Detected	N/A
		Mastic (Black)	None Detected	N/A
BS 33.3	Room C459	VFT-12"x12" Off-white with Multicolour Flakes	None Detected	N/A
		Mastic (Black)	None Detected	N/A
BS 34.1	Room C459	VFT-12"x12" Beige with Brown Spots and Streaks	None Detected	N/A
		Mastic (Black)	None Detected	N/A
BS 34.2	Room C459	VFT-12"x12" Beige with Brown Spots and Streaks	None Detected	N/A
		Mastic (Black)	None Detected	N/A
BS 34.3	Room C459	VFT-12"x12" Beige with Brown Spots and Streaks	None Detected	N/A
		Mastic (Black)	None Detected	N/A
BS 35.1	Room W261	Window Caulking (Black)	1% Chrysotile	Non-Friable

Sample ID	Location	Material	Type and Content	Friability
BS 35.2	Room W261	Window Caulking (Black)	Stop Positive	Non-Friable
BS 35.3	Room W261	Window Caulking (Black)	Stop Positive	Non-Friable
BS 36.1	Room W261	Floor Tar (Black)	None Detected	N/A
BS 36.2	Room W261	Floor Tar (Black)	None Detected	N/A
BS 36.3	Room W261	Floor Tar (Black)	None Detected	N/A
BS 37.1	Room C219A	SCT-2'x4'-Square Pattern w/ Pinholes	None Detected	N/A
BS 37.2	Room C219A	SCT-2'x4'-Square Pattern w/ Pinholes	None Detected	N/A
BS 37.3	Room C219A	SCT-2'x4'-Square Pattern w/ Pinholes	None Detected	N/A
BS 38.1	Room C216	SCT-2'x2'-Pinholes w/ Texture	None Detected	N/A
BS 38.2	Room C216	SCT-2'x2'-Pinholes w/ Texture	None Detected	N/A
BS 38.3	Room C216	SCT-2'x2'-Pinholes w/ Texture	None Detected	N/A
BS 39.1	Room W210	Wall Tile Grout	None Detected	N/A
BS 39.2	Room W210	Wall Tile Grout	None Detected	N/A
BS 39.3	Room W210	Wall Tile Grout	None Detected	N/A
BS 40.1	Room W0039	Drywall Joint Compound	1% Chrysotile	-
BS 40.2	Room M082	Drywall Joint Compound	Stop Positive	-
BS 40.3	Room N0122B	Drywall Joint Compound	Stop Positive	-
BS 40.4	Room C119	Drywall Joint Compound	Stop Positive	-
BS 40.5	Room N205	Drywall Joint Compound	Stop Positive	-
BS 40.6	Room L246	Drywall Joint Compound	Stop Positive	-
BS 40.7	Room M380A	Drywall Joint Compound	Stop Positive	-
BS 40.8	Room C450	Drywall Joint Compound	Stop Positive	-
BS 40.9	Room C459	Drywall Joint Compound	Stop Positive	-
BS 40.10	Room C459	Drywall Joint Compound	Stop Positive	-
BS 40.11	Room C452	Drywall Joint Compound	Stop Positive	-
Sample Set #2				
BS 41.1	Room L046	VFT-12"x12"-Yellow and Beige	None Detected	N/A
BS 41.2	Room L046	VFT-12"x12"-Yellow and Beige	None Detected	N/A
BS 41.3	Room L046	VFT-12"x12"-Yellow and Beige	None Detected	N/A
BS 42.1	Room L054	VFT-12"x12"-Beige w/White, Orange and Brown	None Detected	N/A
BS 42.2	Room L054	VFT-12"x12"-Beige w/White, Orange and Brown	None Detected	N/A
BS 42.3	Room L054	VFT-12"x12"-Beige w/White, Orange and Brown	None Detected	N/A



Sample ID	Location	Material	Type and Content	Friability
BS 44.1	Room L070	VSF-Sandy Brown	None Detected	N/A
BS 44.2	Room L070	VSF-Sandy Brown	None Detected	N/A
BS 44.3	Room L070	VSF-Sandy Brown	None Detected	N/A
BS 27.1	Room A321	Drywall Joint Compound	Stop Positive	-
BS 27.2	Room A501	Drywall Joint Compound	Stop Positive	-
BS 27.3	Room A601	Drywall Joint Compound	Stop Positive	-
BS 27.4	Room A701	Drywall Joint Compound	Stop Positive	-
BS 27.5	Room A702	Drywall Joint Compound	Stop Positive	-
BS 27.6	Room A708B	Drywall Joint Compound	Stop Positive	-
BS 27.7	Room A708B	Drywall Joint Compound	Stop Positive	-
BS 40.12	Room L040	Drywall Joint Compound	Stop Positive	-
BS 40.13	Room L040	Drywall Joint Compound	Stop Positive	-
BS 40.14	Room L064	Drywall Joint Compound	Stop Positive	-
BS 40.15	Room L072	Drywall Joint Compound	Stop Positive	-
BS 40.16	Room L072A	Drywall Joint Compound	Stop Positive	-
BS 40.17	Room L072A	Drywall Joint Compound	Stop Positive	-
BS 40.18	Room L054	Drywall Joint Compound	Stop Positive	-

N/A – Not Applicable

VFT – Vinyl Floor Tiles

SCT-Suspended Ceiling Tiles

Stop Positive – Material considered being asbestos-containing as per O. Reg. 278/05.

Please refer to Appendix E – Asbestos-Containing Materials Checklist for material conditions, approximate quantities (where applicable), and recommended actions.

The following building materials (if present) were investigated for asbestos content,

### 3.1.1 Fireproofing

No fireproofing was observed in the subject building.

### 3.1.2 Mechanical Pipe Insulation

#### 3.1.2.1 Mechanical Pipe Straight Insulation

Previously identified asbestos-containing mechanical pipe straight insulation was observed in Rooms C01, L062, C111, N103 and N107A. This material is considered friable was observed to be in good condition.

Mechanical pipe straight insulation was observed and sampled in Room W335. The laboratory analytical results of the samples collected indicate that this material contains 3% Chrysotile asbestos. This material is considered friable and was observed to be in good condition.

#### *3.1.2.2 Mechanical Piping Elbows/Fittings Insulation*

Previously identified asbestos-containing mechanical pipe elbows/fittings insulation was observed in Rooms M0013, M0016, M0018, M0019, N001A, N002, C01, C01B, C01D, L064B, L070D, C111, N103, and N107A. This material is considered to be friable. This material was observed to be in good condition, with the exception of select areas that was observed to be in poor condition.

#### *3.1.2.3 Mechanical Piping Hangers Insulation*

No mechanical pipe hanger insulation was observed in the subject building.

#### *3.1.2.4 HVAC Duct Insulation*

HVAC duct insulation observed within the subject building. MPL made several incisions throughout to investigate its composition, and it was visually identified as fiberglass, and therefore not suspected of containing asbestos.

#### *3.1.2.5 Other Mechanical Insulation*

No other mechanical insulation was observed in the subject building.

### **3.1.3 Flexible Duct Connector**

Flexible duct connectors were observed in C03A and W329. This material was visually identified as a non-asbestos containing material (i.e. rubber).

### **3.1.4 Heat Shield or Heat Shield Insulation**

No heat shield insulation were observed in the subject building.

### **3.1.5 Texture Finishes**

Previously identified texture finishes containing 6% Chrysotile asbestos was identified to be present in L139A. This material is considered friable and was observed to be in fair condition.

### **3.1.6 Plaster**

Previously identified ceiling plaster was observed in Room C013, L040, L040A, L042, L044, L044 (A,C), L046, L046 (A,B,C,D, E, F, G,H, J, K, L), L050A, L054, L056, L058, L062, L064, L064A, L070A, L072A, L070D, L072A L111, L115, L117, L119, L121, L123, L125, L129, L131, L139, L139A, L141, M386, M386B, C401A, and M401. This material contains between 3% to 35% Chrysotile asbestos and is considered friable. Since plaster is a homogeneous material, all areas must be treated as asbestos-containing unless additional bulk sampling and analysis proves otherwise. This material was observed in good condition with the exception of select areas that were observed in fair and poor condition during the 2022 Reassessment.

Previously identified ceiling plaster containing 1% Actinolite asbestos is present in Room L133, N100 and M400. This material is considered friable and was observed to be in good condition. Since plaster is a homogeneous

material, all areas must be treated as asbestos-containing unless additional bulk sampling and analysis proves otherwise. This material was observed in good condition.

Previously identified wall plaster containing 2% Chrysotile asbestos was in Room L244B. This material was observed in good condition with the exception of select areas that were observed in fair and poor condition during the 2022 Reassessment.

### **3.1.7 Loose-Fill Insulation**

Previously identified loose fill insulation has been is known to be present within the columns outside Room N122. This material contains 2% Actinolite asbestos.

### **3.1.8 Drywall Joint Compound**

Drywall joint compound was observed throughout the subject building and sampled from Rooms C013, L040, L046, L054, L064, L070A, L072, L072A, N0119, N0130, N120, A321, C452, C459, A501, A601, A701. The laboratory analytical results of the samples collected indicate that this material contains 1% Chrysotile asbestos. Since drywall joint compound is a homogeneous material, all areas must be treated as asbestos-containing unless additional bulk sampling and analysis proves otherwise. This material was observed in good condition with the exception of select areas that were observed in fair and poor condition during the 2022 Reassessment.

Previously identified drywall joint compound was observed in Room W0025, W0027, W0031, M081, C105B, C105L, and M414. This material contains 2% Chrysotile asbestos. Since drywall joint compound is a homogeneous material, all areas must be treated as asbestos-containing unless additional bulk sampling and analysis proves otherwise. This material was observed in good condition with the exception of select areas that were observed in fair and poor condition during the 2022 Reassessment.

### **3.1.9 Ceiling Tiles**

Several different types of ceiling tiles were observed and sampled within the subject building as follows:

- Previously identified suspended ceiling tiles (2'x4' - White FRB CL1) is known to be present in Rooms N0100, N0101, N0102, N0103, N0128 and N0129. This material contains 1% Chrysotile asbestos and was observed to be in good condition.
- Previously identified suspended ceiling tiles (2'x4'-Pinholes and Large Fissures) containing 1% Chrysotile asbestos is present in L340. This material was observed to be in good condition, with exception to select areas observed to be in poor condition during the 2022 Reassessment.
- Previously identified suspended ceiling tiles (2'x4'-White Tone) were observed in Rooms W007, W0011(A, B, C, D, E, F, G, H), W0013, W0015, W0021, W0029, W0031, W0031(A, B, C, D), W0045, C012, C012A, C017B, C017D, M089, M092, N0105, W021, W023, W023(A, B, C, D, E, F, G), W024, W027, W030, W030A and W035. This material contains 2% Chrysotile asbestos and was observed

to be in good condition, with exception to select areas observed to be in poor condition during the 2022 Reassessment.

- Suspended ceiling tiles (2'x2'-Pinholes and Large Fissures) were observed and sampled from Rooms L056, and W032. The laboratory analytical results of samples collected indicate that this material contains 1% Chrysotile asbestos. This material was observed to be in good condition.
- Suspended ceiling tiles (2'x4'-Pinholes and Large Fissures) were observed and sampled from Rooms W009, M282, and W333A. The laboratory analytical results of samples collected indicate that this material does not contain asbestos.
- Suspended ceiling tiles (2'x4'-Square Pattern w/ Pinholes) were observed and sampled from Room C219A. The laboratory analytical results of samples collected indicate that this material does not contain asbestos.
- Suspended ceiling tiles (2'x2'-Pinholes w/ Texture) were observed and sampled from Room C216. The laboratory analytical results of samples collected indicate that this material does not contain asbestos.
- Suspended ceiling tiles (2'x4'-Pinholes w/ Small Fissures) was observed in Room M281, M281 (A, B), M283, M286 (A, B) and M287(A, B). The date stamp on the back of the ceiling tiles indicate they were manufactured in 2014 and therefore does not contain asbestos.
- Suspended ceiling tiles (2'x4'-Pinholes w/Small Fissures) were observed in Rooms C06, C015 (A-G), C017, C018, L046, L070, M086, N0116, N0122. The date stamp on the back of the ceiling tiles indicate they were manufactured in 2015 and therefore does not contain asbestos.

### 3.1.10 Vinyl Floor Tiles

Several different types of vinyl floor tiles were observed and sampled within the subject building as follows:

- Previously identified vinyl floor tiles (12"x12"-Beige with Beige Stripes) were observed in Room C108. This material contains 11% Chrysotile asbestos. This material is considered non-friable and was observed to be in good condition.
- Previously identified vinyl floor tiles (12"x12"- Beige w/ Brown Mottling) were observed in Rooms W0017, W0033, L046K and L242. This material contains 8.7% Chrysotile asbestos. This material is considered to be non-friable and was observed to be in good condition.
- Previously identified vinyl floor tiles (12"x12"- Cream and Brown Coloured) were observed in Rooms W0011H, W0017, W0023, W0033, W0035, W0037, W0041, W0043, N009, C450C, and C459. This material contains 8.7% Chrysotile asbestos. This material is considered to be non-friable and was

observed to be in good condition with the exception of select areas that were observed to be in fair condition.

Visually similar vinyl floor tile was observed enclosed under a 2<sup>nd</sup> layer of flooring in Room W0029. Although the condition of the vinyl floor tiles could not be assessed, this material is non-friable and considered to be enclosed within multiple layers and can remain in place until renovation and/or replacement, as long as it is not damaged or disturbed.

- Previously identified vinyl floor tiles (9"x9"-Green and White Stripes) were observed in Room N101. This material contains 2-10% Chrysotile asbestos. This material is considered to be non-friable and was observed to be in good condition.
- Previously identified vinyl floor tiles (9"x9"-Green and White) were observed in Rooms L070D, L072A, N0105, N200, N200(A, B, C) and N223. This material contains 2-10% Chrysotile asbestos. This material is considered to be non-friable and was observed to be in good condition.
- Previously identified vinyl floor tiles (9"x9"- Green) were observed in Rooms C08, N0105, N0130, N104, N105, N107, N109, N112, and N114. This material contains 2-10% Chrysotile asbestos. This material is considered to be non-friable and was observed to be in good condition.
- Previously identified vinyl floor tiles (9"x9"- Grey Coloured) were observed in Room C02, N108, N111. This material contains 15%-33% Chrysotile asbestos. This material is considered to be non-friable and was observed to be in good condition.
- Previously identified vinyl floor tiles (9"x9"- White and Black) were observed in Rooms C207C and C123. This material contains 2-10% Chrysotile asbestos. This material is considered to be non-friable and was observed to be in good condition.
- Previously identified vinyl floor tiles (9"x9") which are concealed under a 2nd layer of flooring in Room C107 and contains 3-5% Chrysotile asbestos. Although the condition of the vinyl floor tiles could not be assessed, this material is non-friable and considered to be enclosed within multiple layers and can remain in place until renovation and/or replacement, as long as it is not damaged or disturbed.
- Vinyl floor tiles (12"x12"-Beige w/ Brown Streaks) was observed and sampled from Rooms W0037, C401A, M401A. The laboratory analytical results for the samples collected indicate that this material contains 0.5% Chrysotile asbestos. This material is considered non-friable and was observed to be in good condition. The associated mastic (Black) was also determined not to contain asbestos.
- Previously identified vinyl floor tiles (12"x12"-Grey w/Specks) were observed in Room L318. The laboratory analytical results indicate that this material does not contain asbestos.



- Previously identified vinyl floor tiles (12"x12"-Light Brown w/Specks) were observed in Room L318. The laboratory analytical results indicate that this material does not contain asbestos.
- Vinyl floor tiles (12"x12"-Beige w/ Black Dots) was observed and sampled from Room L012. The laboratory analytical results for the samples collected indicate that this material does not contain asbestos. The associated mastic (Black) was also determined not to contain asbestos.
- Vinyl floor tiles (12"x12"-Grey w/ Black Dots) was observed and sampled from Room W1032. The laboratory analytical results for the samples collected indicate that this material does not contain asbestos. The associated mastic (Yellow) was also determined not to contain asbestos.
- Vinyl floor tiles (12"x12"-Grey w/ Beige and Blue Flakes) was observed and sampled from Room M153. The laboratory analytical results for the samples collected indicate that this material does not contain asbestos. The associated mastic (Yellow) was also determined not to contain asbestos.
- Vinyl floor tiles (12"x12"-Off White w/ Blue Flakes) was observed and sampled from Room M153. The laboratory analytical results for the samples collected indicate that this material does not contain asbestos. The associated mastic (Yellow) was also determined not to contain asbestos.
- Vinyl floor tiles (12"x12"-Brown w/ Multicolour Flakes) was observed and sampled from Room C111. The laboratory analytical results for the samples collected indicate that this material does not contain asbestos. The associated mastic (Yellow) was also determined not to contain asbestos.
- Vinyl floor tiles (12"x12"-Light Blue w/ Grey Flakes) was observed and sampled from Room M155. The laboratory analytical results for the samples collected indicate that this material does not contain asbestos. The associated mastic (Brown) was also determined not to contain asbestos.
- Vinyl floor tiles (12"x12"-Beige Camo w/ Grey Streaks) was observed and sampled from Room M418. The laboratory analytical results for the samples collected indicate that this material does not contain asbestos.
- Vinyl floor tiles (12"x12"-Off White w/ Small Grey Streaks) was observed and sampled from Room N0122B. The laboratory analytical results for the samples collected indicate that this material does not contain asbestos. The associated mastic (Black) was also determined not to contain asbestos.
- Vinyl floor tiles (12"x12"-Brown and White Streaks) was observed and sampled from Room N0019. The laboratory analytical results for the samples collected indicate that this material does not contain asbestos. The associated mastic (Black) was also determined not to contain asbestos.
- Vinyl floor tiles (12"x12"-Blue w/ Grey and White Streaks) was observed and sampled from Room W030A. The laboratory analytical results for the samples collected indicate that this material does not contain asbestos.

- Vinyl floor tiles (12"x12"-Light Blue w/ Black Dots) was observed and sampled from Room W030B. The laboratory analytical results for the samples collected indicate that this material does not contain asbestos. The associated mastic (Black) was also determined not to contain asbestos.
- Vinyl floor tiles (12"x12"-Light Green w/ Multicolour Flakes) was observed and sampled from Room C111. The laboratory analytical results for the samples collected indicate that this material and its associated mastic (Yellow) do not contain asbestos.
- Vinyl floor tiles (12"x12"-Grey w/ Multicolour Flakes) was observed and sampled from Room C111. The laboratory analytical results for the samples collected indicate that this material does not contain asbestos. The associated mastic (Yellow) was also determined not to contain asbestos.
- Vinyl floor tiles (12"x12"-Brown Camo w/ Grey and Black Flakes) was observed and sampled from Room C111A. The laboratory analytical results for the samples collected indicate that this material does not contain asbestos. The associated mastic (Yellow) was also determined not to contain asbestos.
- Vinyl floor tiles (12"x12"-Off White w/ Multicolour Flakes) were observed and sampled from Room C111A. and C459. The laboratory analytical results for the samples collected indicate that this material does not contain asbestos. The associated mastic (Yellow) was also determined not to contain asbestos.
- Vinyl floor tiles (12"x12"-Red w/ Grey Flakes) was observed and sampled from Room L200. The laboratory analytical results for the samples collected indicate that this material does not contain asbestos.
- Vinyl floor tiles (12"x12"-Beige w/ Brown Streaks) was observed and sampled from Room C459. The laboratory analytical results for the samples collected indicate that this material does not contain asbestos. The associated mastic (Black) was also determined not to contain asbestos.
- Vinyl floor tiles (12"x12"-Beige w/ Brown Spots and Streaks) was observed and sampled from Room C459. The laboratory analytical results for the samples collected indicate that this material does not contain asbestos. The associated mastic (Black) was also determined not to contain asbestos.
- Vinyl floor tiles (12"x12"-Yellow and Beige) was observed and sampled from Room L046. The laboratory analytical results for the samples collected indicate that this material does not contain asbestos.
- Vinyl floor tiles (12"x12"-Beige w/White, Orange and Brown) was observed and sampled from Room L054. The laboratory analytical results for the samples collected indicate that this material does not contain asbestos.

- Vinyl floor tiles (12"x12"-White w/Blue and Pink) was observed and sampled from Room L058. The laboratory analytical results for the samples collected indicate that this material does not contain asbestos.

### **3.1.11 Vinyl Sheet Floor**

Several different types of vinyl sheet flooring were observed and sampled within the subject building as follows:

- Previously identified vinyl sheet flooring concealed under a layer of vinyl floor tiles contains 3% Chrysotile asbestos and is known to be present in Room N109. Although the condition of the vinyl floor tiles could not be assessed, this material is non-friable and considered to be enclosed within multiple layers and can remain in place until renovation and/or replacement, as long as it is not damaged or disturbed.
- Vinyl sheet flooring (Terrazzo Mosaic Pattern) was observed and sampled in Room C217D. The laboratory analytical results of the vinyl sheet flooring samples collected indicate that this material does not contain asbestos.
- Vinyl sheet flooring (Sandy Brown) was sampled from L070. The laboratory analytical results of the vinyl sheet flooring samples collected indicate that this material does not contain asbestos.

### **3.1.12 Brick Mortar**

Several different types of brick mortar were observed within the subject building as follows:

- Brick mortar (Dark Grey) was observed sampled from crawl space of the building in Rooms C455, C455A, C456 and C458. The laboratory analytical results indicate that this material contains 1% Chrysotile asbestos. This material is considered non-friable and was observed to be in poor condition.
- Brick mortar (Light Grey) was sampled from the interior of the building in Room C01B. The laboratory analytical results indicate that this material does not contain asbestos.

### **3.1.13 Concrete Block Mortar**

Concrete block mortar was sampled from the interior of the building in Room N0026. The laboratory analytical results indicate that this material does not contain asbestos.

### **3.1.14 Ceramic Wall / Floor Tile Grout**

Ceramic wall tile grout was sampled from Room W210. The laboratory analytical results indicate that this material does not contain asbestos.

### 3.1.15 *Transite (Asbestos Cement)*

No transite materials were observed in the subject building.

### 3.1.16 *Caulking & Glazing*

Several different types of caulking materials were observed within the subject building as follows:

- Interior window caulking (Black) was observed and sampled in Room W261, M381, M381A, M383, M386(B, E, F). The laboratory analytical results indicate that this material contains 1% Chrysotile asbestos. This material is considered to be non-friable and was observed in fair condition.
- Firestop caulking (Red) was observed and sampled from Room L242. The laboratory analytical results for the samples collected indicate that this material does not contain asbestos.
- Previously identified glazing (Black) was identified to contain 10% Chrysotile asbestos in Room C304. This material is considered non-friable and was observed to be in good condition.

### 3.1.17 *Tar*

Floor tar (Black) material was observed and sampled from Room W261. The laboratory analytical results for the samples collected indicate that this material does not contain asbestos.

### 3.1.18 *Cementitious Coating*

Previously identified floor levelling compound was observed and sampled in Room W005 and N117. The laboratory analytical results of cementitious coating samples collected indicate that this material does not contain asbestos.

Previously identified floor levelling compound (Tan) was observed and sampled in Room M086. The laboratory analytical results of cementitious coating samples collected indicate that this material does not contain asbestos.

Previously identified floor levelling compound (Grey) was observed and sampled in Room M086. The laboratory analytical results of cementitious coating samples collected indicate that this material does not contain asbestos.

Cementitious floor coating finish were observed and sampled from Room C217D. The laboratory analytical results of cementitious coating samples collected indicate that this material does not contain asbestos.

### 3.1.19 *Wallpaper*

Several different types of wallpaper materials were observed within the subject building as follows:

- Wallpaper (White) was observed and sampled in Room L250. The laboratory analytical results of samples collected indicate that this material does not contain asbestos.

- Wallpaper (Grey with Brown Streaks) was observed and sampled in Room C207C. The laboratory analytical results of samples collected indicate that this material does not contain asbestos.

### 3.1.20 Fire Doors

Fire doors were observed at various locations throughout the subject building. To avoid possible damage, no bulk samples of the internal door insulation materials were collected. Prior to removal and/or replacement, fire doors should be examined and tested for asbestos content. Fire doors should be considered to contain asbestos until bulk samples and analysis proves otherwise. All fire doors were observed to be in good condition.

### 3.1.21 Roofing Material

To avoid damage and compromising the integrity of roofing material, no bulk samples of the roofing materials were collected. Prior to removal and/or replacement, roofing materials should be examined and tested for asbestos content. Roofing materials should be considered to contain asbestos until bulk samples and analysis proves otherwise.

### Recommendations

- Asbestos-containing materials identified to be in poor condition must be repaired/removed immediately, following Type 1/2/3 asbestos abatement work procedures as detailed in O. Reg. 278/05 and disposed of as asbestos waste under O. Reg. 347;
- Asbestos-containing materials that have been identified to be in fair condition should be either repaired (where possible) and/or closely monitored for signs of further deterioration. Depending on type of material and location, these materials should be scheduled for removal if there is potential risk of exposure to worker and/or occupants;
- Materials identified to contain asbestos that are in good condition and do not pose a risk to workers or occupants can be managed in place. Prior to renovation/demolition activities that may disturb the ACMs, these materials must be removed following appropriate Type 1/2/3 asbestos abatement work procedures as detailed in O. Reg. 278/05 and disposed of as asbestos waste under O. Reg. 347;
- Please refer to Appendix E – Asbestos-Containing Materials Checklist for material conditions, approximate quantities (where applicable), and recommended actions;
- Entry into ceiling spaces where asbestos-containing ceiling tiles are present will require Type 1/2 asbestos abatement procedures.
- Prior to renovation/demolition of materials which are assumed to be asbestos-containing (suspect materials which were not sampled, i.e., roofing materials and fire doors), these materials must either be tested for asbestos content or removed following appropriate asbestos abatement work procedures (Type 1/2/3) as detailed in O. Reg. 278/05 and disposed of as asbestos waste under O. Reg. 347;



- All repairs or removal of asbestos-containing materials must be conducted according to Ontario Regulation 278/05, Regulation respecting Asbestos on Construction Projects and in Buildings and Repair Operations - made under the Occupational Health and Safety Act. Asbestos containing waste must also be handled and disposed of according to Ontario Regulation 347/90 as amended – made under the Environmental Protection Act. Any suspect building materials encountered that were not assessed as part of this survey, should be assumed to contain asbestos until proven otherwise by analytical testing;
- Sub-trades working with or in close proximity to asbestos-containing material should be informed of its presence; and
- Given that asbestos containing materials (ACMs) have been identified and will likely remain in place, an Asbestos Management Plan (AMP) is therefore required and an inventory of ACMs must be kept on site. All ACMs must be routinely inspected to ensure no damage has occurred, and the inventory must be updated once in each 12-month period and as may be required based on expected changing site conditions, abatement and/or renovation activities.

## 3.2 Lead

### Findings

#### 3.2.1 Paint Finishes

A total of eight (8) paint samples from the subject building were collected and analyzed for lead content. Current and previous results of bulk sampling testing are summarized in Table 2 and the laboratory certificate of analysis can be found in Appendix C.

Table 2:  
Lead Sampling Locations and Laboratory Results

Sample I.D.	Location	Material	Colour	Lead Concentration Weight by Conc. (%)
Pb-01	Room W261	Wall Paint	Light Blue	0.938
Pb-02	Room N003	Pipe Paint	Off White	0.0442
Pb-03	Room L130	Door Frame Paint	Brown	<0.0016
Pb-04	Room L137	Radiator Paint	Pink	0.0756
Pb-05	Room M282	Wall Paint	Beige/Tan	5.86
Pb-06	Room N333A	Wall Paint	Off White	0.0053
Pb-07	Room M387A	Wall Paint	White	<0.0005
Pb-08	Room C459	Wall Paint	Off-white	0.0009

Sample I.D.	Location	Material	Colour	Lead Concentration Weight by Conc. (%)
Previously Identified Lead-paint Samples and Locations				
TBT-B-LBP-110906-01	Room W003	Door Frame Paint	Brown/Orange	<0.04
TBT-G-LBP-110906-02	Room L070B	Wall Paint	Beige	0.24
TBT-G-LBP-110906-04	Room W021A	Wall & Door Paint	Blue	0.07
TBT-G-LBP-110906-05	Room L040	Wall Paint	Beige/Green	0.60
TBT-G-LBP-110906-06	Room M086	Walls & Windowsill Paint	Dark Pink	0.03
TBT-G-LBP-110906-07	Room N0126	Door Paint	Purple	<0.04
TBT-1-LBP-110906-08	Room C109	Door Frame Paint	Light Green	<0.06
TBT-1-LBP-110906-09	Room C109	Door Frame Paint	Dark Green	<0.04
TBT-1-LBP-110906-10	Room C149	Column Paint	Pink	0.46
TBT-1-LBP-110906-11	Room W112	Wall & Column Paint	Grey	<0.05
TBT-1-LBP-110906-12	Room M164	Door Paint	Blue	<0.03
Pb-1	Room L378J	Wall Paint	White	1.7
Pb-2	Room L378	Door Frame Paint	Grey	0.1040
Pb-3	L-Wing Window	Window Frame Paint	White	0.0107
Pb-4	Room C304	Wall Paint	White	<0.0020
Pb-5	Room C304	Door Frame Paint	Grey	<0.0020
LP-01	Stairwell F	Wall Paint	Beige	0.19

The paint finishes highlighted in blue in the above table were determined to contain low concentrations of lead which are less than or equal to 0.1%. These paint finishes were observed to be in good condition with the exception of select areas that were observed to be in poor condition.

The paint finishes highlighted in pink in the above table are considered lead-containing paints or surface coatings with concentrations greater than 0.1% lead by weight. These paint finishes were observed to be in good condition with the exception of select areas that were observed to be in poor condition.

All remaining paints tested were below the laboratory limit of detection for lead. However, all other paints throughout the subject building that are not mentioned in this report must be considered to be lead-containing unless sampling and analysis proves otherwise.

Laboratory certificate of analysis for the paint sample is also included in Appendix C.

### 3.2.2 Battery Packs

MPL identified lead-containing acid battery packs throughout the subject building. These battery packs were observed on walls and above exits throughout the surveyed building.

Lead may also be present in the following materials in the building:

- Solder used on copper domestic water lines;
- Solder used in bell fittings for cast iron pipes;
- Solder used in electrical equipment;
- Ceramic tile glaze; and
- Concrete and mortar products, etc.

### Recommendations

Paints identified to contain lead that are in poor condition must be immediately repaired and/or stabilized following a minimum Type 1/2 lead abatement procedures as per OMOL "Lead on Construction Project" dated April 2011.

Paints identified to contain lead that are in fair condition should be either repaired (where possible) and/or closely monitored for signs of further deterioration.

Paints identified to contain lead that are in good condition and do not pose a risk to workers or occupants can be managed in place.

Detailed worker protection protocols are outlined in the OMOL Guideline "Lead on Construction Projects" dated April 2011. Generally, the removal of the lead-based paint with the use of a chemical gel or paste, or a power tool equipped with a HEPA filter is considered a Type 1 operation. The removal of lead-based paint by scraping or sanding using non-powered hand tools is considered a Type 2 operation. The removal of lead-based paint using abrasive blasting, or power tools without a HEPA filter, is considered a Type 3 operation, and requires the most stringent worker protection protocols (similar to asbestos); Furthermore, high temperature cutting or welding would also require Type 3 Operations under the Guideline for Lead on Construction Projects. If this type of work is required, it may be prudent to chemically remove the lead paint in selected locations prior to performing any high temperature cutting or welding.

All lead materials that are removed must follow the Ministry of Labour and Environmental Abatement Council of Ontario Lead Guidelines.

Please refer to Appendix F – Hazardous Materials Checklist for material conditions, approximate quantities (where applicable), and recommended actions.

Precautions should be taken as required during major renovations and demolition projects to ensure that workers' exposure levels to airborne lead does not exceed 0.05 mg/m<sup>3</sup>. This can be achieved by:

- providing workers with proper training;

- providing the workers with respiratory protection;
- wetting the surface of the materials to prevent dust emissions; and,
- providing workers with hygiene facilities to properly wash prior to exiting the work area.

Sub-trades working with or in close proximity to lead based paint should be informed of its presence.

All waste material must be handled and disposed of according to the Revised Regulation of Ontario 347/90 as amended – made under the Environmental Protection Act. Lead waste generated may also be subject to Leachate Criteria (Schedule 4) of this regulation.

### 3.3 Mercury

#### *Findings*

#### **3.3.1 Thermostat Switches**

MPL did not observe thermostats containing liquid mercury within the subject building.

#### **3.3.2 Fluorescent Light Tubes**

MPL identified fluorescent light fixtures throughout the surveyed area containing 2 to 4 fluorescent light tubes per fixture. Mercury is likely to be present in vapor form in the fluorescent light tubes.

#### **3.3.3 Pressure Gauges and Float Switches**

MPL identified pressure gauges containing liquid mercury in Room N005 in the subject building. MPL also identified suspected float switches that may contain liquid mercury within the subject building. They were observed in good condition.

#### *Recommendations*

Please refer to Appendix F – Hazardous Materials Checklist for equipment conditions, approximate quantities (where applicable), and recommended actions.

Precautions must be taken to prevent mercury liquid/vapours from becoming airborne during building demolition. Exposure to mercury is regulated under Ontario Regulation 490/09, Designated Substances - made under the Occupational Health and Safety Act." Prior to renovations to the building, all mercury containing fluorescent light tubes, thermostats, and equipment must be removed and stored in a safe, secure location and/or properly disposed of in accordance with R.R.O. 1990, Regulation 347 General – Waste Management, made under the Environmental Protection Act.

### 3.4 Silica

#### *Findings*

Silica is expected to be present in building materials such as concrete, brick, mortar and ceramic tiles located throughout the structures. Free crystalline silica ( $\alpha$ -Quartz) may be a component in ceiling tiles and gypsum

board. Silica (including free crystalline silica) may also be a component of concrete and brick surfaces noted in the building.

### *Recommendations*

Please refer to Appendix F – Hazardous Materials Checklist for equipment conditions, approximate quantities (where applicable), and recommended actions.

Precautions should be taken as required during major renovations and demolition projects on concrete (i.e. coring through concrete slabs, demolition of masonry, etc.) to ensure that workers' exposure levels to airborne silica does not exceed 0.05 mg/m<sup>3</sup>.

This can be achieved by:

- providing workers with proper training;
- providing the workers with respiratory protection;
- wetting the surface of the materials to prevent dust emissions; and,
- providing workers with facilities to properly wash prior to exiting the work area.

Demolition work that is likely to impact silica-containing materials should be carried out in accordance with the requirement detailed in the Ontario Ministry of Labour document entitled "Guideline: Silica on Construction Projects", dated April 2011.

### *Other Hazardous Materials*

## **3.5 Polychlorinated Biphenyls (PCBs)**

### *Findings*

#### **3.5.1 Light Ballasts**

The subject building is illuminated by LED and fluorescent lights. MPL assessed representative ballasts in the building, and these ballasts were identified as non-PCBs content. These light ballasts were observed to be manufactured by Quicktronic.

#### **3.5.2 Transformers**

MPL did not observe any PCBs containing electrical transformers within the subject building.

### *Recommendations*

Please refer to Appendix F – Hazardous Materials Checklist for equipment conditions, approximate quantities (where applicable), and recommended actions.

Prior to any renovations, all light ballasts containing or suspected of containing PCBs that will be affected by the work, must be decommissioned by a licensed contractor such that PCBs are contained and not released to the environment during decommissioning and properly disposed of.

### 3.6 Ozone Depleting Substances (ODSs) and Other Halocarbon

#### *Findings*

A visual assessment for equipment potentially containing ODSs and other halocarbons was conducted. MPL observed equipment such as refrigerators, water fountains, water coolers, freezers, etc. which contain or are suspected of containing ODSs or other halocarbons.

#### *Recommendations*

Please refer to Appendix F – Hazardous Materials Checklist for equipment conditions, approximate quantities (where applicable), and recommended actions.

Under the management of a licensed contractor, equipment containing R-22 and R-134a does not represent a significant threat to human health or the environment however, a licensed contractor must decommission equipment such that CFCs are contained and not released to the environment during servicing or operation.

### 3.7 Radioactive Materials

#### *Findings*

A visual assessment of the subject building was conducted to determine if any electrical components containing radioactive materials were present. MPL did not observe any electrical components containing radioactive materials.

#### *Recommendations*

Since no radioactive materials were observed or suspected to be present during the site survey, no further action is required.

### 3.8 Underground and Above Ground Storage Tanks (USTs and ASTs)

#### *Findings*

A visual survey of the subject building was conducted to determine if any USTs and ASTs were present. No USTs and ASTs were present within the surveyed area.

#### *Recommendations*

Since no underground and/or above ground storage tanks (USTs and ASTs) were observed or suspected to be present during the site survey, no further action is required.



### 3.9 Mould

#### *Findings*

#### **3.9.1 Mould**

A visual survey of the subject building was conducted to determine if any mould was present. MPL identified select areas throughout the subject building, where materials were affected by mould growth.

#### **3.9.2 Water Damage**

A visual survey of the subject building was conducted to determine if any water damaged was present. MPL identified select areas throughout the subject building, where materials were affected by water damage.

#### *Recommendations*

Please refer to Appendix F – Hazardous Materials Checklist for equipment conditions, approximate quantities (where applicable), and recommended actions.

Water stained/damaged ceiling tiles observed throughout the subject building should be replaced as part of regular maintenance and the underlying cause of the water leakage should be identified and repaired;

Water stained/damaged building materials that are also determined to contain asbestos must be replaced following appropriate asbestos abatement procedures as outlined in O. Reg. 278/05.

This report should be made available to contractors tendering on any renovation or demolition work. In turn, all contractors requesting tenders from subcontractors shall furnish this report to subcontractors.

## 4.0 GENERAL CONSIDERATIONS AND LIMITATIONS

The information presented in this report is based on information provided by others, direct visual observation made by personnel with McIntosh Perry Limited (MPL), and the results of laboratory testing as identified herein.

It should be noted that there might be hazardous materials in locations not visible during our investigation. In the event such material is encountered during demolition operations in the building, this material should be tested and dealt with accordingly.

The findings detailed in this report are based upon the information available at the time of preparation of the report. No investigative method eliminates the possibility of obtaining imprecise or incomplete information. Professional judgement was exercised in gathering and analyzing the information obtained and in the formulation of our conclusions and recommendations.

MPL does not certify or warrant the environmental status of the property nor the building on the property.

Please note that the passage of time affects the information provided in the report. Environmental conditions of a site can change. Opinions relating to the site conditions are based upon information that existed at the time that the conclusions were formulated.

The client expressly agrees that it has entered into this agreement with MPL, both on its own behalf and as agent on behalf of its employees and principals.

The client expressly agrees that MPL's employees and principals shall have no personal liability to the client in respect of a claim, whether in contract, tort and/or any other cause of action in law. Accordingly, the client expressly agrees that it will bring no proceedings and take no action in any court of law against any of MPL's employees or principals in their personal capacity.

We trust that we have detailed our findings clearly and that we have satisfactorily addressed the scope of work you require at this time. In the event you wish us to review our findings with you, or require our services further in this regard, please do not hesitate to contact our office.

Yours truly,

MCINTOSH PERRY LIMITED



Lauren Hamilton, B.Eng.  
Project Technician  
Hazardous Materials/ Environmental Health & Safety



John Tufts, B.Sc.  
Project Manager  
Hazardous Materials/ Environmental Health & Safety

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## APPENDIX A

### Regulatory Requirements

## REGULATORY REQUIREMENTS

In Ontario, there is a total of eleven Designated Substances. These substances have been regulated under Ontario Regulation 490/09 — *Designated Substances*, made under the Ontario Health and Safety Act, which applies to controlling designated substances in the workplace.

In addition to the Ontario Regulation 490/09 noted above, the following were observed for this survey:

Guideline: Lead on Construction Projects, issued April 2011 by the Occupational Health and Safety branch of the Ministry of Labour

Guideline: Silica on Construction Projects issued April 2011 by the Occupational Health and Safety branch of the Ministry of Labour.

The Occupational Health and Safety Act (OHSA), R.S.O. 1990, c.0.1, s.30 (1) specifies that: "Before beginning a project, the owner shall determine whether any Designated Substances are present at the project site and shall prepare a list of all Designated Substances that are present at the site.

Section 30 of The Act requires that the list of Designated Substances be provided to prospective contractors and subcontractors who may do work on a site and come into contact at the site with Designated Substances.

The Ministry of Labour has designated the following substances:

- Acrylonitrile
- Arsenic
- Asbestos
- Benzene
- Coke Oven Emissions
- Ethylene Oxide
- Isocyanates
- Lead
- Mercury
- Silica
- Vinyl Chloride

Ontario Regulation 278/05 (O. Reg. 278/05), the Regulation respecting Asbestos on Construction Projects and in Buildings and Repair Operations, made under the Occupational Health and Safety Act (OHSA), requires owners of a building to identify Asbestos-containing Materials (ACMs) prior to potential disturbance of the materials.

In addition, an owner of a building is required to have an Asbestos Management Plan (AMP) if ACMs (friable or non-friable) are present in the building and are to remain in place. An inventory of ACMs must be kept on site. All ACMs must be routinely inspected to ensure no damage has occurred, and the inventory must be updated once in each 12-month period and as may be required based on expected changing site conditions, abatement and/or renovation activities. Removal of all asbestos containing materials is required prior to building demolition.

In addition to the Designated Substances, the building was also surveyed for the presence of other hazardous materials such as polychlorinated biphenyls (PCBs), radioactive materials, ozone depleting substances (ODSs), other halocarbons, and mould.

We understand that this survey has been conducted to comply with the regulatory requirements of Ontario Regulation 278/05.

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## APPENDIX B

### Survey Methodology & Background Information



## SURVEY METHODOLOGY

For the purpose of this survey, not all Designated Substances or suspect hazardous material were sampled. Selective sampling was carried out only for substances that were suspected to be present or those deemed to have a likely source of origin in the survey areas.

Materials that were homogeneous in nature and/or similar in appearance to other materials tested were considered to be of similar composition. The likelihood of ACMs being present in inaccessible areas such as above gypsum board ceilings or behind gypsum wallboards was determined by assessing the presence of asbestos-containing systems in adjacent areas. Equipment such as boilers, motors, blowers, electrical panels, fire doors etc., were not de-energized or disassembled to examine internal components or materials. These items should be considered to contain hazardous materials until proven otherwise.

During the survey, representative samples of suspect building materials were collected and sent to CAELA accredited independent laboratory for analysis. Laboratory Certificate of Analysis are attached in Appendix C.

Other potential hazardous materials were identified by visual observation and/or by reviewing Material Safety Data Sheets (MSDS) and/or safety labels where available.

### Investigated Areas

The survey included all accessible areas and ceiling space within Tabaret Hall as required under our scope of work. No destructive investigations were performed as part of this survey. Photographs of the areas investigated can be found in Appendix D.

The assessment was directed on the interior structure and finishes of the building. It did not consider current or past owner or occupant articles within the building (i.e. contents, furniture, etc.) and does not report on possible contaminants in the soil under and surrounding the building, or contents of vessels, drums, etc. that may be concealed.

### Sampling and Assessment Methodologies

Sampling was conducted as part of this assessment. Results for asbestos and lead samples can be found in the Findings & Recommendation Section 3.0.

A historical review of previous designated substance survey reports and abatement reports was examined as part of this survey. Due to concerns regarding certain historical analytical results, mainly in 2008 and prior years, confirmatory re-sampling was conducted for selected materials previously identified not to contain asbestos. However, building materials previously identified to be asbestos-containing were not re-sampled. The reports are listed as follows,

- Designated Substance Inventory by Conestoga-Rovers & Associates (dated December 2007, CRA Project No. 45870(12));
- Asbestos Sampling Memorandum by Conestoga-Rovers & Associates (dated April 3, 2003, CRA Project No. 7966-M27);
- Asbestos Sampling Memorandum by Conestoga-Rovers & Associates (dated June 9, 2006, CRA Project No. 7966-M-108);

- Asbestos Sampling Report by CM3 Environmental (dated June 3, 2016, CM3 Project No. TLW 1051);
- Asbestos Sampling Report by CM3 Environmental (dated July 11<sup>th</sup>, 2016, CM3 Project No. TLW 1085);
- Asbestos Sampling Report by CM3 Environmental (dated July 18<sup>th</sup>, 2016, CM3 Project No. TLW 1097);
- Asbestos Air Sampling Report by CM3 Environmental (dated May 14<sup>th</sup>, 2019, CM3 Project No. AN-1119);
- Asbestos Abatement Report by CM3 Environmental (dated August 2<sup>nd</sup>, 2016, CM3 Project No. TLW 1118);
- Investigation, Potential Asbestos Debris by CM3 Environmental (dated June 11<sup>th</sup>, 2018, CM3 Project No. TLW 1550);
- Pre-contamination Inspection by CM3 Environmental (dated July 29<sup>th</sup>, 2018, CM3 Project No. TLW 1118);
- Daily Inspection Report by CM3 Environmental (dated January 12<sup>th</sup>, 2019, CM3 Project No. TLW 1118);
- Daily Inspection Report by CM3 Environmental (dated July 30<sup>th</sup>, 2019, CM3 Project No. TLW 1118);
- Daily Inspection Report by CM3 Environmental (dated November 16<sup>th</sup>, 2017, CM3 Project No. TLW 1550);
- Daily Inspection Report by CM3 Environmental (dated November 17<sup>th</sup>, 2017, CM3 Project No. TLW 1550);
- Daily Inspection Report by CM3 Environmental (dated November 18<sup>th</sup>, 2017, CM3 Project No. TLW 1550);
- Daily Inspection Report by CM3 Environmental (dated November 20<sup>th</sup>, 2017, CM3 Project No. TLW 1550);
- Daily Inspection Report by CM3 Environmental (dated November 21<sup>st</sup>, 2017, CM3 Project No. TLW 1550);
- Daily Inspection Report by CM3 Environmental (dated November 22<sup>nd</sup>, 2017, CM3 Project No. TLW 1550);
- Daily Inspection Report by CM3 Environmental (dated November 27<sup>th</sup>, 2017, CM3 Project No. TLW 1550);
- Asbestos Sampling Report by CM3 Environmental (dated October 12<sup>th</sup>, 2017, CM3 Project No. TLW 1554);
- Mould & Particulate Sampling Report by CM3 Environmental (dated March 16<sup>th</sup>, 2018, CM3 Project No. TLW 1863);
- Asbestos Sampling Report by CM3 Environmental (dated June 25<sup>th</sup>, 2018, CM3 Project No. TLW 1962);
- Asbestos Sampling Report by CM3 Environmental (dated June 1<sup>st</sup>, 2018, CM3 Project No. TLW 1962);
- Asbestos Sampling Report by CM3 Environmental (dated August 22, 2018, CM3 Project No. TLW 2079);

- Asbestos Sampling Report by CM3 Environmental (dated October 22<sup>nd</sup>, 2018, CM3 Project No. TLW 2190);
- Asbestos Sampling Report by CM3 Environmental (dated June 1<sup>st</sup>, 2018, CM3 Project No. TLW 1962);
- Asbestos Sampling Report by CM3 Environmental (dated October 22<sup>nd</sup>, 2018, CM3 Project No. TLW 2190);
- Asbestos Abatement Summary Report by CM3 Environmental (dated January 14<sup>th</sup>, 2019, CM3 Project No. TLW 2296);
- Project Specific Designated Substances Survey Report by CM3 Environmental (dated February 7<sup>th</sup>, 2019, CM3 Project No. TLW 2302);
- Pre-Construction Asbestos Containing Materials Assessment by CM3 Environmental (dated October 10<sup>th</sup>, 2017, CM3 Project No. TLW 1550);
- Investigation, Potential Asbestos Debris by CM3 Environmental (dated May 30<sup>th</sup>, 2018, CM3 Project No. TLW 1550);
- Asbestos Abatement Project Summary Report by EHS (dated December 13<sup>th</sup>, 2012, EHS Project No. 04-0033-12-041);
- Final Air Clearance Sample Results by EHS (dated December 2<sup>nd</sup>, 2013, EHS Project No. 04-0033-12-049);
- Final Air Clearance Sample Results by EHS (dated April 13<sup>th</sup>, 2013, EHS Project No. 04-0033-12-049);
- Asbestos Abatement Project Summary Report by EHS (dated July 22<sup>nd</sup>, 2013, EHS Project No. 04-0033-12-049);
- Asbestos Abatement Project Summary Report by EHS (dated September 6<sup>th</sup>, 2013, EHS Project No. 04-0033-13-023);
- Potential Airborne Asbestos Testing Report by EHS (dated August 6<sup>th</sup>, 2013, EHS Project No. 04-0033-13-040);
- Asbestos Abatement Project Summary Report by EHS (dated November 20<sup>th</sup>, 2013, EHS Project No. 04-0033-13-053);
- Asbestos Abatement Project Summary Report by EHS (dated April 1<sup>st</sup>, 2015, EHS Project No. 04-0033-15-003);
- Asbestos Containing Material Review by EHS (dated March 11<sup>th</sup>, 2015, EHS Project No. 04-0033-15-012);
- Potential Asbestos Parging Assessment by EHS (dated April 22<sup>nd</sup>, 2015, EHS Project No. 04-0033-15-012);
- Asbestos Abatement Project Summary Report by EHS (dated August 4<sup>th</sup>, 2015, EHS Project No. 04-0033-15-012);
- Asbestos Abatement Project Summary Report by EHS (dated October 28<sup>th</sup>, 2015, EHS Project No. 04-0033-15-036);

- Final Air Clearance Sample Results by EHS (dated April 2<sup>nd</sup>, 2013, EHS Project No. 04-0033-12-049);
- Pre-Construction Asbestos Containing Materials Assessment by EHS (dated June 12<sup>th</sup>, 2014, EHS Project No. 04-0033-14-028);
- Pre-Construction Asbestos Containing Materials Assessment by EHS (dated June 11<sup>th</sup>, 2014, EHS Project No. 04-0033-14-027);
- Asbestos Sampling Report by EHS (dated April 30<sup>th</sup>, 2014, EHS Project No. 04-0033-14-016);
- Asbestos Sampling Report by EHS (dated February 2016, EHS Project No. 04-0033-16-005);
- Asbestos & Lead Sampling Report by EHS (dated October 29<sup>th</sup>, 2013, EHS Project No. 04-0033-13-059);
- Potential Asbestos Materials Assessment by EHS (dated August 11<sup>th</sup>, 2014, EHS Project No. 04-0033-14-038);
- Potential Asbestos Materials Assessment by EHS (dated August 28<sup>th</sup>, 2014, EHS Project No. 04-0033-14-043);
- Asbestos Sampling Report by EHS (dated April 6<sup>th</sup>, 2016, EHS Project No. 04-0033-16-012);
- Asbestos Sampling Report by EHS (dated April 14<sup>th</sup>, 2016, EHS Project No. 04-0033-16-015);
- Project Specific Asbestos Analysis Report by EHS (dated May 12<sup>th</sup>, 2011, EHS Project No. 04-0033-11-003);
- Potential Asbestos Sampling Report by EHS (dated November 25<sup>th</sup>, 2011, EHS Project No. 04-0033-11-026);
- Potential Asbestos Sampling Report by EHS (dated April 26<sup>th</sup>, 2012, EHS Project No. 04-0033-12-014);
- Project Specific Asbestos Sampling Report by EHS (dated July 20<sup>th</sup>, 2012, EHS Project No. 04-0033-12-029);
- Asbestos Abatement Project Summary Report by EHS (dated August 21<sup>st</sup>, 2012, EHS Project No. 04-0033-12-032);
- Asbestos Sampling Report by EHS (dated August 21<sup>st</sup>, 2012, EHS Project No. 04-0033-12-032);
- Potential Asbestos-Containing Materials Investigation Report by EHS (dated October 30<sup>th</sup>, 2012, EHS Project No. 04-0033-12-038);
- Potential Asbestos-Containing Materials Investigation Report by EHS (dated October 29<sup>th</sup>, 2012, EHS Project No. 04-0033-12-039);
- Additional Drywall Joint Compound Analysis Report by EHS (dated November 5<sup>th</sup>, 2012, EHS Project No. 04-0033-12-040);
- Potential Asbestos-Containing Materials Investigation Report by EHS (dated October 30<sup>th</sup>, 2012, EHS Project No. 04-0033-12-040);
- Potential Asbestos Sampling Report by EHS (dated January 28<sup>th</sup>, 2013, EHS Project No. 04-0033-13-002);

- Potential Asbestos Sampling Report by EHS (dated February 25<sup>th</sup>, 2013, EHS Project No. 04-0033-13-002);
- Potential Asbestos Sampling Report by EHS (dated March 6<sup>th</sup>, 2013, EHS Project No. 04-0033-13-002);
- Potential Asbestos Sampling Report by EHS (dated March 11<sup>th</sup>, 2013, EHS Project No. 04-0033-13-002);
- Potential Asbestos Sampling Report by EHS (dated March 13<sup>th</sup>, 2013, EHS Project No. 04-0033-13-002);
- Potential Asbestos Sampling Report by EHS (dated April 2<sup>nd</sup>, 2013, EHS Project No. 04-0033-13-002);
- Pre-Construction Asbestos Containing Materials Assessment by EHS (dated May 16<sup>th</sup>, 2014, EHS Project No. 04-0033-14-012);
- Pre-Construction Hazardous Materials Assessment by EHS (dated May 16<sup>th</sup>, 2013, EHS Project No. 04-0033-13-023);
- Concealed Vinyl Flooring Asbestos Assessment Report by EHS (dated July 24<sup>th</sup>, 2013, EHS Project No. 04-0033-13-023);
- Potential Asbestos Sampling Report by EHS (dated July 10<sup>th</sup>, 2013, EHS Project No. 04-0033-13-023);
- Potential Asbestos Sampling Report by EHS (dated October 22<sup>nd</sup>, 2013, EHS Project No. 04-0033-13-053);
- Potential Asbestos Sampling Report by EHS (dated December 8<sup>th</sup>, 2014, EHS Project No. 04-0033-14-053);
- Additional Asbestos Sampling Report by EHS (dated July 15<sup>th</sup>, 2015, EHS Project No. 04-0033-15-012);
- Asbestos Sampling Report by EHS (dated June 23<sup>rd</sup>, 2015, EHS Project No. 04-0033-15-012);
- Additional Asbestos Sampling Report by EHS (dated July 24<sup>th</sup>, 2015, EHS Project No. 04-0033-15-012);
- Additional Asbestos Sampling Report by EHS (dated August 21<sup>st</sup>, 2015, EHS Project No. 04-0033-15-012);
- Additional Asbestos Sampling Report by EHS (dated July 30<sup>th</sup>, 2015, EHS Project No. 04-0033-15-012);
- Asbestos Sampling Report by EHS (dated September 14<sup>th</sup>, 2015, EHS Project No. 04-0033-15-027);
- Project Specific Asbestos Sampling Report by EHS (dated September 14<sup>th</sup>, 2015, EHS Project No. 04-0033-15-030);
- Asbestos Abatement Summary Report by EHS (dated April 1, 2015, EHS Project No. 04-0033-15-003);
- Asbestos Incident Report by EHS (dated August 15<sup>th</sup>, 2012, EHS Project No. 04-0033-12-032);
- Pre-Construction Hazardous Materials Assessment by CM3 Environmental (dated May 2017, CM3 Project No. TLW 1366);

## Asbestos

### *Background Information on Asbestos*

Asbestos is a generic name that has been given to a group of naturally occurring fibrous minerals. In the past, asbestos was commonly used as a component in building materials such as insulation, fireproofing and acoustic or decorative panels. Although there are many types of asbestos, the three main forms of commercial importance in Ontario are chrysotile, amosite and crocidolite.

An Asbestos-Containing Material (ACM) is defined by O. Reg. 278/05 as a material that contains 0.5% or more asbestos by dry weight. ACMs are placed into two general classes, "friable" and "non-friable" ACMs. Friable ACMs are those materials that when dry can be crumbled, pulverized and reduced to powder by hand pressure. Typical friable ACMs include acoustical or decorative texture coats, fireproofing and thermal insulation. Non-friable ACMs are much more durable as they are held together by a binder such as cement, vinyl or asphalt. Typical non-friable ACMs include floor tiles, fire blankets, roofing materials and cementitious products such as wallboards, pipes or siding.

It has been recognized that hazardous situations may exist in buildings where asbestos-containing materials are found. This is especially true where asbestos fibres may become airborne as a result of material ageing, physical damage, and water damage or air movement.

In contrast, there is little reason for concern if the asbestos is in good condition, has not been damaged and is not in a location where it is likely to be disturbed.

### *Asbestos Survey Methodology*

The asbestos survey included the identification of potential friable and non-friable asbestos-containing materials within the surveyed areas of the subject building.

The likelihood of ACMs being present in inaccessible areas such as above gypsum wallboard ceilings and walls was determined by assessing the presence of asbestos-containing materials in adjacent areas.

Fiberglass insulation was not submitted for analysis as it can be identified visually as non-asbestos material.

Building materials suspected of containing asbestos were identified and representative sampling and laboratory testing of these materials was conducted. The number of bulk material samples collected from a homogeneous area was in accordance with Table 1. O. Reg. 278/05 s. 3 (3) below. Building materials suspected of containing asbestos were collected using wetting techniques and hand sampling tools.

Table 1 - O. Reg. 278/05 s. 3(3): Minimum Asbestos Bulk Material Sample Requirements

Item	Type of material	Size of area of homogeneous material	Minimum number of bulk material samples to be collected
1.	Surfacing material, including without limitation, material that is applied to surfaces by spraying, by troweling or	Less than 90 square metres	3
		90 or more square metres, but less than 450 square metres	5



	otherwise, such as acoustical plaster on ceilings and fireproofing materials on structural members	450 or more square metres	7
2.	Thermal insulation, except as described in item 3	any size	3
3.	Thermal insulation patch	Less than 2 linear metres or 0.5 square metres	1
4.	Other material	Any size	3

Preliminary identification of the samples was made using polarized light microscopy (PLM), with confirmation of presence and type of asbestos made by dispersion staining optical microscopy. This analytical procedure follows the U.S. Environmental Protection Agency Test Method EPA/600/R-93/116 Method for the Determination of Asbestos in Bulk Building Materials, June 1993.

All bulk samples were analysed for asbestos content by Paracel Laboratories Ltd., an independent laboratory. Paracel is a fully accredited facility for asbestos analysis and is accredited under National Voluntary Laboratory Accreditation (NVLAP Lab Codes 200812-0 and 200863-0). Paracel is accredited for asbestos bulk analysis in PLM in Ottawa and Mississauga, respectively. For the Scope of Accreditation under the (CALA) Membership Number 1262, Paracel is accredited for asbestos in air samples by PCM.

Vinyl floors tiles were analyzed using the phase light microscopy (PLM) method of analysis. However, given the composition of vinyl floor products, the PLM analysis method may be prone to yielding false negative analytical results. Therefore, prior to removal or replacement, vinyl floor products previously identified to be negative, should undergo additional analysis by Transmission Electron Microscopy (TEM) to confirm asbestos content, if any.

Materials identified to contain asbestos were assessed on the relative possibility of fibre release into the air due to a combination of their condition and accessibility.

### *Evaluation of ACMs Based on Condition*

In evaluating an ACM's condition, the following criteria was applied:

- Good – Material shows no signs of damage and/or is encapsulated. Asbestos-containing material could remain in place until eventual building demolition or major renovation.
- Fair – Material shows signs of minor damage (<5% damage) or otherwise near the end of useful life. This includes minor shrinking, cracking, delamination and/ or other damage. Material should be monitored closely and scheduled to be repaired, encapsulated or removed.
- Poor – Damage is greater than 5% to any ACM material and is highly recommended to be removed, repaired or encapsulated.

*Note: The above evaluation criteria was also applied to other hazardous materials where applicable. Please refer to the Asbestos and Hazardous Materials Checklist in Appendix E & F for further details.*

## **Lead**

### *Background Information on Lead*

Lead was a common additive in exterior and hard-wearing paint applications. Lead was used to prolong shelf life of paint and to increase its flexibility and durability to wear and weather. Acute exposure to lead by inhalation or ingestion may cause headaches, fatigue, nausea, abdominal cramps and joint pain. Chronic exposures can cause reduced haemoglobin production and reduced lifespan. It has also been known to impact the body's central and peripheral nervous systems and brain function and has been linked to learning disabilities in children.

Currently in Ontario, there is no regulatory limit that determines what concentration of lead constitutes a "lead containing material". On October 21, 2010, Health Canada, under the *Hazardous Products Act*, stated that the lead content in surface-coating materials, furniture, toys and other articles for children, should not exceed 90 mg/kg (0.009%, 90 ppm). However, this is intended for the importation or sale of products within Canada. Therefore, this is not to be misconstrued as a limit established to define a lead-containing material or a limit with respect to lead on construction projects.

The Environmental Abatement Council of Canada (EACC) has also developed the "*Lead Guideline for Construction, Renovation, Maintenance or Repair*" dated October 2014, which discusses the classification, handling, disturbance and removal of lead-containing materials. For the purpose of this guideline, paints or surface coatings containing less than or equal to 0.1% lead by weight (1000 mg/kg or 1000 ppm) are considered low-level lead paints or surface coatings. If these materials (and their respective surfaces) are disturbed in a non-aggressive manner and performed using adequate dust control procedures, then worker protection from the inhalation of lead is not required.

Furthermore, paints or surface coatings containing greater than 0.1% lead by weight are considered lead-containing paints or surface coatings. If these materials (and their respective surfaces) are disturbed, appropriate lead abatement procedures must always be followed.

Exposure to lead-containing materials is regulated under Ontario Regulation 490/09, *Designated Substances* - made under the Occupational Health and Safety Act. Care must be taken to prevent lead-containing particles from becoming airborne during the disturbance of lead-containing surfaces (i.e., during renovation or demolition projects). All lead abatement work must follow procedures outlined in the Guideline Lead on Construction Projects, issued in September 2004 (amended in April 2011) by the Occupational Health and Safety branch of the Ministry of Labour (Type 1-3). Similarly, the lead abatement work procedures outlined in the EACC Lead Guideline for Construction, Renovation, Maintenance or Repair (October 2014) may also be implemented (Class 1-3).

Lead is known to have been used in solder on copper plumbing fixtures, in lead conduit pipes, in lead-calcium battery plates, ammunition, and in nuclear and X-ray shielding devices. However, these materials were not sampled during this investigation, but were noted where applicable.

To verify lead content in paints, representative bulk samples of paint and finishes suspected of containing lead were collected. Bulk samples were scraped down to the building base structure, with all possible layer's present, placed in sealed plastic bags and labeled; and then submitted to an independent laboratory for analysis. Samples were treated with a dilute nitric acid sample digestion prior to filtration. Analysis utilized for lead detection in filtered samples was inductively coupled plasma optical emission spectrometry (ICP-OES).

## Mercury

### *Background Information on Mercury*

Mercury is known to cause poisoning in humans through the inhalation of vapours, ingestion of contaminated materials or skin absorption through direct contact with the liquid.

Precautions must be taken to prevent mercury vapours from becoming airborne during renovations or demolition of the building. Exposure to airborne mercury is regulated under the Revised O. Reg. 490/09 as amended – Regulation respecting Mercury – made under the Occupational Health and Safety Act; and under O. Reg. 558, which amended O. Reg. 347/90 (General - Waste Management), mercury is classified as a Schedule 2(b) Hazardous Waste Chemical. Its hazardous waste number is U151.

Mercury is found in products such as thermostats, temperature and pressure gauges, fluorescent lamps and batteries. Mercury in products can be released to the environment through breakage, or disposal at the end of a product's useful life. Improper disposal of these mercury products poses a health and environmental risk to everyone. In addition, the disposal of mercury-containing products can create wastes that are often classified as hazardous. Wastes that leach mercury in concentrations exceeding Ontario Regulation 347/90 (General - Waste Management) limits are also considered hazardous.

The mercury in thermostat switch contains approximately 3-4 grams of mercury in a glass ampoule, typically attached to a metal coil. Mercury-containing switches have been used in thermostats for over 40 years.

Mercury is an essential component in fluorescent lamps and HID lamps. The mercury is in a vapour form and in the phosphor coating on the lamp tube. Estimates of the mercury content contained in compact, 4 foot, and 8-foot lamps are 10 mg, 23 mg, and 46 mg respectively.

Most fluorescent lamps qualify as hazardous waste when removed from service and are therefore prohibited from disposal in the solid waste stream. Fluorescent lamps would be classified as 146T on your facility Generator Registration Report under O. Reg. 347/90 - General Waste Management, as amended by O. Reg. 558/00. Under this regulation, if the leachate results exceed 0.1 milligrams of mercury per litre for a given waste, then the facility must treat the waste as hazardous waste. Most fluorescent and HID lamps will exceed the leachate toxicity limit; therefore, these wastes must be registered and treated as hazardous waste or sent for recycling.

## Silica

### *Background Information on Silica*

Silica is expected to be present in building materials such as concrete, brick, mortar and ceramic tiles located throughout the structures. Free crystalline silica ( $\alpha$ -Quartz) may be a component in ceiling tiles and gypsum board. Silica (including free crystalline silica) may also be a component of concrete and brick surfaces noted in the building.

Exposure to airborne silica is regulated under Ontario Regulation 490/09, *Designated Substances* - made under the Occupational Health and Safety Act.

## Polychlorinated Biphenyls (PCBs)

### *Background Information on PCBs*

Polychlorinated Biphenyls (PCBs) were commonly used as dielectric insulating fluid in electrical equipment such as transformers and capacitors, and in the fluorescent and HID lamp ballasts. The production of PCBs in the North America started in 1929 and was banned at the beginning of 1979. After 1981, no manufacturers produced fluorescent and HID lamps with PCB-containing ballasts.

PCBs are not a designated substance under the Occupational Health and Safety Act.

### *PCB Regulations (SOR/2008-273)*

The *PCB Regulations* (the Regulations) set specific deadlines for ending the use of PCBs in concentrations at or above 50 mg/kg, eliminating all PCBs and equipment containing PCBs currently in storage and limiting the period of time PCBs can be stored before being destroyed. The Regulations also establish sound practices for the better management of the remaining PCBs in use (i.e. those with content of less than 50 mg/kg), until their eventual elimination, to prevent contamination of dielectric fluids and dispersion of PCBs in small quantities into other liquids.

## Ozone Depleting Substances (ODSs) and Other Halocarbons

### *Background Information on ODSs*

Within Ontario, the general use of ozone depleting substances (ODSs) and other halocarbons is controlled through Regulation 463/10 of the Environmental Protection Act. Production of ODSs in the form of hydro chlorofluorocarbons (HCFCs) and chlorofluorocarbons (CFCs) ceased in Canada in 1993 as a result of their ozone-depleting characteristics. Importation of CFCs into Canada ceased in 1997 and total ban was placed on their use since 2010. The use of these materials is still permitted in existing equipment, but equipment must be serviced by a licensed contractor such that CFCs are contained and not released to the environment during servicing or operation.

### Radioactive Materials

There are two types of smoke detectors commonly found in building (residential, institutional, commercial, industrial, etc.). Photoelectric-type smoke detectors detect smoke using an optical sensor, whereas ionization-type smoke detectors use an ionization chamber containing radioactive material. The ionization type is cheaper and is particularly common in older buildings. A typical modern detector contains about 1.0 microcurie of the radioactive element americium, a decrease from 3 microcurie in 1978. The use of sealed radioactive material sources in fire detection systems is still permitted and regulated by the Canadian Nuclear Safety Commission (CNSC) and the Canadian Nuclear Safety Act. The radioactive sources in smoke alarms are sealed and contained within a metal case inside the smoke detector and must not be damaged or tampered with.

### Mould & Water Damage

Mould growth inside buildings is due to excess moisture caused by leakages, condensation or capillary movement of water into the building. Toxic moulds such as *Stachybotrys chartarum* and some species of *Aspergillus* spp. are greenish-black, wet and slimy moulds that grow on soaking wet cellulose-based materials. They are often found near water leaks or where drying is very slow and can form after flooding if insufficient cleanup and drying occurred. They will generally not occur if materials are kept dry.

MPL conducted a general visual assessment for any obvious signs of visible mould and/or water damage. Based on our visual observations, the following guidelines were used in providing our recommendations for remedial action where required:

- Institute of Inspection Cleaning and Restoration Certification (IICRC) S520 Standard and Reference for Professional Mould Remediation,
- The Canadian Construction Association (CCA) Mould Guidelines for the Canadian construction industry (CCA document 82-2004)
- Environmental Abatement Council of Canada (EACC) Mould Abatement Guidelines.

### Other Designated Substances

*Select Designated Substances (acrylonitrile, arsenic, coke oven emissions, ethylene oxide, isocyanates, benzene, or vinyl chloride) are not expected to be present in the building in matrix or sufficient quantities to cause an exceedance of Ministry of Labour exposure guidelines. As such, no sampling was conducted for these materials.*

## Vinyl Chloride

Vinyl chloride (monomer) is likely to be present in stable form within poly vinyl-chloride (PVC) piping and conduits and as a component of interior finishes. Such building materials are not considered to be hazardous in their current matrix/composition.

## Acrylonitrile

Acrylonitrile or ACN (also known as vinyl cyanide) is an explosive, flammable liquid used in the manufacture of acrylic fibres, rubber-like materials and pesticide fumigants. Acrylonitrile was not noted and would not be expected to be present in the project specific area/surveyed area/subject building.

## Arsenic

Arsenic is used in metallurgy for hardening copper, lead and alloys, in pigment production, in the manufacture of certain types of glass, in insecticides, fungicides and rodenticides, as a by-product in the smelting of copper ores, and as a dopant material in semiconductor manufacturing. Arsenic or arsenic compounds were not noted and are not expected to be present in the project specific area/surveyed area/subject building.

## Benzene

Benzene or benzol is a colourless liquid. It is used as an intermediate in the production of styrene, phenol, cyclohexane, and other organic chemicals, and in the manufacture of detergents, pesticides, solvents, and paint removers. It is also found in gasoline. Benzene may be present in stable form in roofing materials, paints and adhesives located throughout the subject building. Such building materials are not considered to be hazardous in their current matrix/composition.

## Coke Oven Emissions

Coke oven emission is benzene soluble fraction of total particulate matter of the substances emitted into the atmosphere from metallurgical coke ovens.

## Ethylene Oxides

Ethylene oxide is a colourless gas liquefying below 12°C. It is used generally as a fumigant and sterilizing agent for medical equipment. It is used generally as a fumigant and sterilizing agent for medical equipment.

## Isocyanates

Isocyanates compounds may be present in stable form in paint finishes, varnishes, and polyurethane plastics, synthetic rubbers, foams and adhesives. Such building materials are not considered to be hazardous in their current matrix/composition.



In order to reduce the potential for exposure to workers or occupants, any suspect hazardous building material(s) that are not detailed within this survey due to inaccessibility and/or are discovered during renovation/demolition activities, must be properly assessed and/or tested prior to their disturbance.

DRAFT

DRAFT

## APPENDIX C

### Laboratory Analytical Reports

## Certificate of Analysis

### McIntosh Perry Limited (Concord)

6240 Hwy 7, Suite 200  
Woodbridge, ON L4H 0R2  
Attn: Diana Banakh

Client PO:  
Project: Z1920014HZ (Tabaret Hall)  
Custody:

Report Date: 13-Dec-2019  
Order Date: 18-Nov-2019

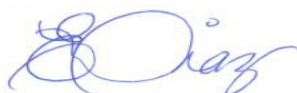
Revised Report

**Order #: 1947154**

This Certificate of Analysis contains analytical data applicable to the following samples as submitted :

Paracel ID	Client ID
1947154-01.1	BS1.1 VFT Beige With Black Dots - L012
1947154-01.2	BS1.1 VFT Beige With Black Dots - L012
1947154-02.1	BS1.2 VFT Beige With Black Dots - L012
1947154-02.2	BS1.2 VFT Beige With Black Dots - L012
1947154-03.1	BS1.3 VFT Beige With Black Dots - L012
1947154-03.2	BS1.3 VFT Beige With Black Dots - L012
1947154-04.1	BS2.1 VFT Grey With Black Dots - W1032
1947154-04.2	BS2.1 VFT Grey With Black Dots - W1032
1947154-05.1	BS2.2 VFT Grey With Black Dots - W1032
1947154-05.2	BS2.2 VFT Grey With Black Dots - W1032
1947154-06.1	BS2.3 VFT Grey With Black Dots - W1032
1947154-06.2	BS2.3 VFT Grey With Black Dots - W1032
1947154-07.1	BS3.1 VFT Grey With Beige and Blue Flakes - M153
1947154-07.2	BS3.1 VFT Grey With Beige and Blue Flakes - M153
1947154-08.1	BS3.2 VFT Grey With Beige and Blue Flakes - M153
1947154-08.2	BS3.2 VFT Grey With Beige and Blue Flakes - M153
1947154-09.1	BS3.3 VFT Grey With Beige and Blue Flakes - M153
1947154-09.2	BS3.3 VFT Grey With Beige and Blue Flakes - M153
1947154-10.1	BS4.1 VFT Off White With Blue Flakes - M153
1947154-10.2	BS4.1 VFT Off White With Blue Flakes - M153
1947154-11.1	BS4.2 VFT Off White With Blue Flakes - M153
1947154-11.2	BS4.2 VFT Off White With Blue Flakes - M153
1947154-12.1	BS4.3 VFT Off White With Blue Flakes - M153
1947154-12.2	BS4.3 VFT Off White With Blue Flakes - M153
1947154-13.1	BS5.1 VFT Brown With Multicolour Flakes - C111
1947154-13.2	BS5.1 VFT Brown With Multicolour Flakes - C111

Approved By:



Emma Diaz  
Senior Analyst

Any use of these results implies your agreement that our total liability in connection with this work, however arising, shall be limited to the amount paid by you for this work, and that our employees or agents shall not under any circumstances be liable to you in connection with this work.

Certificate of Analysis

Report Date: 13-Dec-2019

**Client:** McIntosh Perry Limited (Concord)

Order Date: 18-Nov-2019

**Client PO:**

**Project Description:** Z1920014HZ (Tabaret Hall)

1947154-14.1	BS5.2 VFT Brown With Multicolour Flakes - C111
1947154-14.2	BS5.2 VFT Brown With Multicolour Flakes - C111
1947154-15.1	BS5.3 VFT Brown With Multicolour Flakes - C111
1947154-15.2	BS5.3 VFT Brown With Multicolour Flakes - C111
1947154-16.1	BS6.1 VFT Light Blue With Grey Flakes - M155
1947154-16.2	BS6.1 VFT Light Blue With Grey Flakes - M155
1947154-17.1	BS6.2 VFT Light Blue With Grey Flakes - M155
1947154-17.2	BS6.2 VFT Light Blue With Grey Flakes - M155
1947154-18.1	BS6.3 VFT Light Blue With Grey Flakes - M155
1947154-18.2	BS6.3 VFT Light Blue With Grey Flakes - M155
1947154-19	BS7.1 VFT Beige Camo With Grey Streaks - 4th Floor M418 Hallway
1947154-20	BS7.2 VFT Beige Camo With Grey Streaks - 4th Floor M418 Hallway
1947154-21	BS7.3 VFT Beige Camo With Grey Streaks - 4th Floor M418 Hallway
1947154-22	BS8.1 VFT Interior Window Caulking
1947154-23	BS8.2 VFT Interior Window Caulking
1947154-24	BS8.3 VFT Interior Window Caulking
1947154-25.1	BS9.1 VFT Off White With Small Grey Streaks - N0122B
1947154-25.2	BS9.1 VFT Off White With Small Grey Streaks - N0122B
1947154-26.1	BS9.2 VFT Off White With Small Grey Streaks - N0122B
1947154-26.2	BS9.2 VFT Off White With Small Grey Streaks - N0122B
1947154-27.1	BS9.3 VFT Off White With Small Grey Streaks - N0122B
1947154-27.2	BS9.3 VFT Off White With Small Grey Streaks - N0122B
1947154-28.1	BS10.1 VFT Brown With White Streaks - N0019 Stairs
1947154-28.2	BS10.1 VFT Brown With White Streaks - N0019 Stairs
1947154-29.1	BS10.2 VFT Brown With White Streaks - N0019 Stairs
1947154-29.2	BS10.2 VFT Brown With White Streaks - N0019 Stairs
1947154-30.1	BS10.3 VFT Brown With White Streaks - N0019 Stairs
1947154-30.2	BS10.3 VFT Brown With White Streaks - N0019 Stairs
1947154-31	BS11.1 Concrete Block Mortar - N0026 Caged Storage Area
1947154-32	BS11.2 Concrete Block Mortar - N0026 Caged Storage Area
1947154-33	BS11.3 Concrete Block Mortar - N0026 Caged Storage Area
1947154-34	BS12.1 VFT Blue With Grey and White Streaks W030A
1947154-35	BS12.2 VFT Blue With Grey and White Streaks W030A
1947154-36	BS12.3 VFT Blue With Grey and White Streaks W030A
1947154-37.1	BS13.1 VFT Light Blue With Black Dots - W030B
1947154-37.2	BS13.1 VFT Light Blue With Black Dots - W030B
1947154-38.1	BS13.2 VFT Light Blue With Black Dots - W030B
1947154-38.2	BS13.2 VFT Light Blue With Black Dots - W030B
1947154-39.1	BS13.3 VFT Light Blue With Black Dots - W030B
1947154-39.2	BS13.3 VFT Light Blue With Black Dots - W030B
1947154-40.1	BS14.1 VFT Beige With Brown Streaks - W0037
1947154-40.2	BS14.1 VFT Beige With Brown Streaks - W0037
1947154-41.1	BS14.2 VFT Beige With Brown Streaks - W0037
1947154-41.2	BS14.2 VFT Beige With Brown Streaks - W0037

Certificate of Analysis

**Client:** McIntosh Perry Limited (Concord)

Report Date: 13-Dec-2019

Order Date: 18-Nov-2019

**Client PO:**

**Project Description:** Z1920014HZ (Tabaret Hall)

1947154-42.1	BS14.3 VFT Beige With Brown Streaks - W0037
1947154-42.2	BS14.3 VFT Beige With Brown Streaks - W0037
1947154-43	BS15.1 Parging Compound On Foam Pipe Straight - W335
1947154-44	BS15.2 Parging Compound On Foam Pipe Straight - W335
1947154-45	BS15.3 Parging Compound On Foam Pipe Straight - W335
1947154-46	BS16.1 Wallpaper Beige - C303
1947154-47	BS16.2 Wallpaper Beige - C303
1947154-48	BS16.3 Wallpaper Beige - C303
1947154-49	BS17.1 Wallpaper Textured - C216
1947154-50	BS17.2 Wallpaper Textured - C216
1947154-51	BS17.3 Wallpaper Textured - C216
1947154-52.1	BS18.1 VFT - Light Green With Multicolour Flakes - C111
1947154-52.2	BS18.1 VFT - Light Green With Multicolour Flakes - C111
1947154-53.1	BS18.2 VFT - Light Green With Multicolour Flakes - C111
1947154-53.2	BS18.2 VFT - Light Green With Multicolour Flakes - C111
1947154-54.1	BS18.3 VFT - Light Green With Multicolour Flakes - C111
1947154-54.2	BS18.3 VFT - Light Green With Multicolour Flakes - C111
1947154-55	BS19.1 Floor Levelling Compound - C217D
1947154-56	BS19.2 Floor Levelling Compound - C217D
1947154-57	BS19.3 Floor Levelling Compound - C217D
1947154-58	BS20.1 VSF Terrazo Mosaic Pattern Beige - C217D
1947154-59	BS20.2 VSF Terrazo Mosaic Pattern Beige - C217D
1947154-60	BS20.3 VSF Terrazo Mosaic Pattern Beige - C217D
1947154-61.1	BS21.1 VFT - Grey With Multicolour Flakes - C111
1947154-61.2	BS21.1 VFT - Grey With Multicolour Flakes - C111
1947154-62.1	BS21.2 VFT - Grey With Multicolour Flakes - C111
1947154-62.2	BS21.2 VFT - Grey With Multicolour Flakes - C111
1947154-63.1	BS21.3 VFT - Grey With Multicolour Flakes - C111
1947154-63.2	BS21.3 VFT - Grey With Multicolour Flakes - C111
1947154-64	BS22.1 Wall Paper Grey With Brown Streak - C207C
1947154-65	BS22.2 Wall Paper Grey With Brown Streak - C207C
1947154-66	BS22.3 Wall Paper Grey With Brown Streak - C207C
1947154-67	BS23.1 Brick Mortar - C01B
1947154-68	BS23.2 Brick Mortar - C01B
1947154-69	BS23.3 Brick Mortar - C01B
1947154-70.1	BS24.1 VFT - Brown Camo With Grey and Black Flakes - C111A
1947154-70.2	BS24.1 VFT - Brown Camo With Grey and Black Flakes - C111A
1947154-71.1	BS24.2 VFT - Brown Camo With Grey and Black Flakes - C111A
1947154-71.2	BS24.2 VFT - Brown Camo With Grey and Black Flakes - C111A
1947154-72.1	BS24.3 VFT - Brown Camo With Grey and Black Flakes - C111A
1947154-72.2	BS24.3 VFT - Brown Camo With Grey and Black Flakes - C111A
1947154-73.1	BS25.1 VFT - Offwhite With Multicolour Flakes - C111
1947154-73.2	BS25.1 VFT - Offwhite With Multicolour Flakes - C111
1947154-74.1	BS25.2 VFT - Offwhite With Multicolour Flakes - C111

Certificate of Analysis

Report Date: 13-Dec-2019

**Client:** McIntosh Perry Limited (Concord)

Order Date: 18-Nov-2019

**Client PO:**

**Project Description:** Z1920014HZ (Tabaret Hall)

1947154-74.2	BS25.2 VFT - Offwhite With Multicolour Flakes - C111
1947154-75.1	BS25.3 VFT - Offwhite With Multicolour Flakes - C111
1947154-75.2	BS25.3 VFT - Offwhite With Multicolour Flakes - C111
1947154-76	BS26.1 VFT Red With Grey Flakes - L200
1947154-77	BS26.2 VFT Red With Grey Flakes - L200
1947154-78	BS26.3 VFT Red With Grey Flakes - L200
1947154-79	BS27.1 Wall Paper White - L250
1947154-80	BS27.2 Wall Paper White - L250
1947154-81	BS27.3 Wall Paper White - L250
1947154-82	BS28.1 Firestop - L242
1947154-83	BS28.2 Firestop - L242
1947154-84	BS28.3 Firestop - L242
1947154-85	BS29.1 SCT 2" x 2" - Pinholes With Large Fissures - L056
1947154-86	BS29.2 SCT 2" x 2" - Pinholes With Large Fissures - L056
1947154-87	BS29.3 SCT 2" x 2" - Pinholes With Large Fissures - L056
1947154-88	BS30.1 SCT 2" x 4" - Pinholes With Large Fissures - W009
1947154-89	BS30.2 SCT 2" x 4" - Pinholes With Large Fissures - W33A
1947154-90	BS30.3 SCT 2" x 4" - Pinholes With Large Fissures - M282
1947154-91.1	BS31.1 Brick Mortar - AHIC
1947154-91.2	BS31.1 Brick Mortar - AHIC
1947154-92.1	BS31.2 Brick Mortar - AHIC
1947154-92.2	BS31.2 Brick Mortar - AHIC
1947154-93.1	BS31.3 Brick Mortar - AHIC
1947154-93.2	BS31.3 Brick Mortar - AHIC
1947154-94.1	BS32.1 VFT Beige With Brown Streaks - Attic Corridor
1947154-94.2	BS32.1 VFT Beige With Brown Streaks - Attic Corridor
1947154-95.1	BS32.2 VFT Beige With Brown Streaks - Attic Corridor
1947154-95.2	BS32.2 VFT Beige With Brown Streaks - Attic Corridor
1947154-96.1	BS32.3 VFT Beige With Brown Streaks - Attic Corridor
1947154-96.2	BS32.3 VFT Beige With Brown Streaks - Attic Corridor
1947154-97.1	BS33.1 VFT Offwhite With Multicolour Streaks - Attic
1947154-97.2	BS33.1 VFT Offwhite With Multicolour Streaks - Attic
1947154-98.1	BS33.2 VFT Offwhite With Multicolour Streaks - Attic
1947154-98.2	BS33.2 VFT Offwhite With Multicolour Streaks - Attic
1947154-99.1	BS33.3 VFT Offwhite With Multicolour Streaks - Attic
1947154-99.2	BS33.3 VFT Offwhite With Multicolour Streaks - Attic
1947154-AA.1	BS34.1 VFT Beige With Brown Spots and Streaks - Attic
1947154-AA.2	BS34.1 VFT Beige With Brown Spots and Streaks - Attic
1947154-AB.1	BS34.2 VFT Beige With Brown Spots and Streaks - Attic
1947154-AB.2	BS34.2 VFT Beige With Brown Spots and Streaks - Attic
1947154-AC.1	BS34.3 VFT Beige With Brown Spots and Streaks - Attic
1947154-AC.2	BS34.3 VFT Beige With Brown Spots and Streaks - Attic
1947154-AD	BS35.1 Window Caulking - Chappel Balcony
1947154-AE	BS35.2 Window Caulking - Chappel Balcony

Certificate of Analysis

Report Date: 13-Dec-2019

**Client:** McIntosh Perry Limited (Concord)

Order Date: 18-Nov-2019

**Client PO:**

**Project Description:** Z1920014HZ (Tabaret Hall)

1947154-AF	BS35.3 Window Caulking - Chappel Balcony
1947154-AG	BS36.1 Tar Flooring - Chappel Balcony
1947154-AH	BS36.2 Tar Flooring - Chappel Balcony
1947154-AI	BS36.3 Tar Flooring - Chappel Balcony
1947154-AJ	BS37.1 SCT - 2" x 4" - Square Pattern With Pinholes- C219A
1947154-AK	BS37.2 SCT - 2" x 4" - Square Pattern With Pinholes- C219A
1947154-AL	BS37.3 SCT - 2" x 4" - Square Pattern With Pinholes- C219A
1947154-AM	BS38.1 SCT - 2" x 2" - Pinhole With Texture - C216
1947154-AN	BS38.2 SCT - 2" x 2" - Pinhole With Texture - C216
1947154-AO	BS38.3 SCT - 2" x 2" - Pinhole With Texture - C216
1947154-AP	BS39.1 Walltile Grout - W210 Men's W/R
1947154-AQ	BS39.2 Walltile Grout - W210 Men's W/R
1947154-AR	BS39.3 Walltile Grout - W210 Men's W/R
1947154-AS	BS40.1 Drywall Joint Compound
1947154-AT	BS40.2 Drywall Joint Compound
1947154-AU	BS40.3 Drywall Joint Compound
1947154-AV	BS40.4 Drywall Joint Compound
1947154-AW	BS40.5 Drywall Joint Compound
1947154-AX	BS40.6 Drywall Joint Compound
1947154-AY	BS40.7 Drywall Joint Compound
1947154-AZ	BS40.8 Drywall Joint Compound
1947154-BA	BS40.9 Drywall Joint Compound
1947154-BB	BS40.10 Drywall Joint Compound
1947154-BC	BS40.11 Drywall Joint Compound



Certificate of Analysis

Report Date: 13-Dec-2019

Client: McIntosh Perry Limited (Concord)

Order Date: 18-Nov-2019

Client PO:

Project Description: Z1920014HZ (Tabaret Hall)

**Asbestos, PLM Visual Estimation    \*\*MDL - 0.5%\*\***

Parcel ID	Sample Date	Colour	Description	Asbestos Detected	Material Identification	% Content
1947154-01.1	18-Nov-19	Beige	Vinyl Floor Tile	No	Client ID: BS1.1 VFT Beige With Black Dots - L012	
					Non-Fibers	100
1947154-01.2	18-Nov-19				Client ID: BS1.1 VFT Beige With Black Dots - L012	
					[Z-01]	
					not analyzed	
1947154-02.1	18-Nov-19	Beige	Vinyl Floor Tile	No	Client ID: BS1.2 VFT Beige With Black Dots - L012	
					Non-Fibers	100
1947154-02.2	18-Nov-19	Black	Mastic	No	Client ID: BS1.2 VFT Beige With Black Dots - L012	
					Non-Fibers	100
1947154-03.1	18-Nov-19	Beige	Vinyl Floor Tile	No	Client ID: BS1.3 VFT Beige With Black Dots - L012	
					Non-Fibers	100
1947154-03.2	18-Nov-19	Black	Mastic	No	Client ID: BS1.3 VFT Beige With Black Dots - L012	
					Non-Fibers	100
1947154-04.1	18-Nov-19	Grey	Vinyl Floor Tile	No	Client ID: BS2.1 VFT Grey With Black Dots - W1032	
					Non-Fibers	100
1947154-04.2	18-Nov-19				Client ID: BS2.1 VFT Grey With Black Dots - W1032	
					[Z-01a]	
					not analyzed	
1947154-05.1	18-Nov-19	Grey	Vinyl Floor Tile	No	Client ID: BS2.2 VFT Grey With Black Dots - W1032	
					Non-Fibers	100
1947154-05.2	18-Nov-19	Yellow	Mastic	No	Client ID: BS2.2 VFT Grey With Black Dots - W1032	
					Non-Fibers	100
1947154-06.1	18-Nov-19	Grey	Vinyl Floor Tile	No	Client ID: BS2.3 VFT Grey With Black Dots - W1032	
					Non-Fibers	100
1947154-06.2	18-Nov-19				Client ID: BS2.3 VFT Grey With Black Dots - W1032	
					[Z-01a]	
					not analyzed	

Certificate of Analysis

Report Date: 13-Dec-2019

Client: McIntosh Perry Limited (Concord)

Order Date: 18-Nov-2019

Client PO:

Project Description: Z1920014HZ (Tabaret Hall)

**Asbestos, PLM Visual Estimation    \*\*MDL - 0.5%\*\***

Parcel ID	Sample Date	Colour	Description	Asbestos Detected	Material Identification	% Content
1947154-07.1	18-Nov-19	Beige	Vinyl Floor Tile	No	Client ID: BS3.1 VFT Grey With Beige and Blue Flakes - M153	
					Non-Fibers	100
1947154-07.2	18-Nov-19	Yellow	Mastic	No	Client ID: BS3.1 VFT Grey With Beige and Blue Flakes - M153	
					Non-Fibers	100
1947154-08.1	18-Nov-19	Beige	Vinyl Floor Tile	No	Client ID: BS3.2 VFT Grey With Beige and Blue Flakes - M153	
					Non-Fibers	100
1947154-08.2	18-Nov-19	Yellow	Mastic	No	Client ID: BS3.2 VFT Grey With Beige and Blue Flakes - M153	
					Non-Fibers	100
1947154-09.1	18-Nov-19	Beige	Vinyl Floor Tile	No	Client ID: BS3.3 VFT Grey With Beige and Blue Flakes - M153	
					Non-Fibers	100
1947154-09.2	18-Nov-19	Yellow	Mastic	No	Client ID: BS3.3 VFT Grey With Beige and Blue Flakes - M153	
					Non-Fibers	100
1947154-10.1	18-Nov-19	Off-white	Vinyl Floor Tile	No	Client ID: BS4.1 VFT Off White With Blue Flakes - M153	
					Non-Fibers	100
1947154-10.2	18-Nov-19				Client ID: BS4.1 VFT Off White With Blue Flakes - M153	[Z-01a]
					not analyzed	
1947154-11.1	18-Nov-19	Off-white	Vinyl Floor Tile	No	Client ID: BS4.2 VFT Off White With Blue Flakes - M153	
					Non-Fibers	100
1947154-11.2	18-Nov-19	Yellow	Mastic	No	Client ID: BS4.2 VFT Off White With Blue Flakes - M153	
					Non-Fibers	100
1947154-12.1	18-Nov-19	Off-white	Vinyl Floor Tile	No	Client ID: BS4.3 VFT Off White With Blue Flakes - M153	
					Non-Fibers	100
1947154-12.2	18-Nov-19				Client ID: BS4.3 VFT Off White With Blue Flakes - M153	[Z-01a]
					not analyzed	

Certificate of Analysis

Report Date: 13-Dec-2019

Client: McIntosh Perry Limited (Concord)

Order Date: 18-Nov-2019

Client PO:

Project Description: Z1920014HZ (Tabaret Hall)

**Asbestos, PLM Visual Estimation    \*\*MDL - 0.5%\*\***

Parcel ID	Sample Date	Colour	Description	Asbestos Detected	Material Identification	% Content
1947154-13.1	18-Nov-19	Brown	Vinyl Floor Tile	No	Client ID: BS5.1 VFT Brown With Multicolour Flakes - C111	
					Non-Fibers	100
1947154-13.2	18-Nov-19	Yellow	Mastic	No	Client ID: BS5.1 VFT Brown With Multicolour Flakes - C111	
					Non-Fibers	100
1947154-14.1	18-Nov-19	Brown	Vinyl Floor Tile	No	Client ID: BS5.2 VFT Brown With Multicolour Flakes - C111	
					Non-Fibers	100
1947154-14.2	18-Nov-19	Yellow	Mastic	No	Client ID: BS5.2 VFT Brown With Multicolour Flakes - C111	
					Non-Fibers	100
1947154-15.1	18-Nov-19	Brown	Vinyl Floor Tile	No	Client ID: BS5.3 VFT Brown With Multicolour Flakes - C111	
					Non-Fibers	100
1947154-15.2	18-Nov-19	Yellow	Mastic	No	Client ID: BS5.3 VFT Brown With Multicolour Flakes - C111	
					Non-Fibers	100
1947154-16.1	18-Nov-19	Blue	Vinyl Floor Tile	No	Client ID: BS6.1 VFT Light Blue With Grey Flakes - M155	
					Non-Fibers	100
1947154-16.2	18-Nov-19	Brown	Mastic	No	Client ID: BS6.1 VFT Light Blue With Grey Flakes - M155	
					Non-Fibers	100
1947154-17.1	18-Nov-19	Blue	Vinyl Floor Tile	No	Client ID: BS6.2 VFT Light Blue With Grey Flakes - M155	
					Non-Fibers	100
1947154-17.2	18-Nov-19	Brown	Mastic	No	Client ID: BS6.2 VFT Light Blue With Grey Flakes - M155	
					Non-Fibers	100
1947154-18.1	18-Nov-19	Blue	Vinyl Floor Tile	No	Client ID: BS6.3 VFT Light Blue With Grey Flakes - M155	
					Non-Fibers	100
1947154-18.2	18-Nov-19				Client ID: BS6.3 VFT Light Blue With Grey Flakes - M155	[Z-01a]
					not analyzed	

Certificate of Analysis

Report Date: 13-Dec-2019

Client: McIntosh Perry Limited (Concord)

Order Date: 18-Nov-2019

Client PO:

Project Description: Z1920014HZ (Tabaret Hall)

**Asbestos, PLM Visual Estimation    \*\*MDL - 0.5%\*\***

Parcel ID	Sample Date	Colour	Description	Asbestos Detected	Material Identification	% Content
1947154-19	18-Nov-19	Beige	Vinyl Floor Tile	No	Client ID: BS7.1 VFT Beige Camo With Grey Streaks - 4th Floor M418 Hallway	
					Non-Fibers	100
1947154-20	18-Nov-19	Beige	Vinyl Floor Tile	No	Client ID: BS7.2 VFT Beige Camo With Grey Streaks - 4th Floor M418 Hallway	
					Non-Fibers	100
1947154-21	18-Nov-19	Beige	Vinyl Floor Tile	No	Client ID: BS7.3 VFT Beige Camo With Grey Streaks - 4th Floor M418 Hallway	
					Non-Fibers	100
1947154-22	18-Nov-19	Black	Caulking	Yes	Client ID: BS8.1 VFT Interior Window Caulking	
					Chrysotile	1
					Non-Fibers	99
1947154-23	18-Nov-19				Client ID: BS8.2 VFT Interior Window Caulking	
					not analyzed	
1947154-24	18-Nov-19				Client ID: BS8.3 VFT Interior Window Caulking	
					not analyzed	
1947154-25.1	18-Nov-19	Off-white	Vinyl Floor Tile	No	Client ID: BS9.1 VFT Off White With Small Grey Streaks - N0122B	
					Non-Fibers	100
1947154-25.2	18-Nov-19				Client ID: BS9.1 VFT Off White With Small Grey Streaks - N0122B	[Z-01a]
					not analyzed	
1947154-26.1	18-Nov-19	Off-white	Vinyl Floor Tile	No	Client ID: BS9.2 VFT Off White With Small Grey Streaks - N0122B	
					Non-Fibers	100
1947154-26.2	18-Nov-19				Client ID: BS9.2 VFT Off White With Small Grey Streaks - N0122B	[Z-01a]
					not analyzed	
1947154-27.1	18-Nov-19	Off-white	Vinyl Floor Tile	No	Client ID: BS9.3 VFT Off White With Small Grey Streaks - N0122B	
					Non-Fibers	100
1947154-27.2	18-Nov-19	Black	Mastic	No	Client ID: BS9.3 VFT Off White With Small Grey Streaks - N0122B	
					Non-Fibers	100

Certificate of Analysis

Report Date: 13-Dec-2019

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Order Date: 18-Nov-2019

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Project Description: Z1920014HZ (Tabaret Hall)

**Asbestos, PLM Visual Estimation    \*\*MDL - 0.5%\*\***

Parcel ID	Sample Date	Colour	Description	Asbestos Detected	Material Identification	% Content
1947154-28.1	18-Nov-19	Brown	Vinyl Floor Tile	No	Client ID: BS10.1 VFT Brown With White Streaks - N0019 Stairs	
					Non-Fibers	100
1947154-28.2	18-Nov-19	Black	Mastic	No	Client ID: BS10.1 VFT Brown With White Streaks - N0019 Stairs	
					Non-Fibers	100
1947154-29.1	18-Nov-19	Brown	Vinyl Floor Tile	No	Client ID: BS10.2 VFT Brown With White Streaks - N0019 Stairs	
					Non-Fibers	100
1947154-29.2	18-Nov-19	Black	Mastic	No	Client ID: BS10.2 VFT Brown With White Streaks - N0019 Stairs	
					Non-Fibers	100
1947154-30.1	18-Nov-19	Brown	Vinyl Floor Tile	No	Client ID: BS10.3 VFT Brown With White Streaks - N0019 Stairs	
					Non-Fibers	100
1947154-30.2	18-Nov-19	Black	Mastic	No	Client ID: BS10.3 VFT Brown With White Streaks - N0019 Stairs	
					Non-Fibers	100
1947154-31	18-Nov-19	Grey	Mortar	No	Client ID: BS11.1 Concrete Block Mortar - N0026 Caged Storage Area	
					Non-Fibers	100
1947154-32	18-Nov-19	Grey	Mortar	No	Client ID: BS11.2 Concrete Block Mortar - N0026 Caged Storage Area	
					Non-Fibers	100
1947154-33	18-Nov-19	Grey	Mortar	No	Client ID: BS11.3 Concrete Block Mortar - N0026 Caged Storage Area	
					Non-Fibers	100
1947154-34	18-Nov-19	Blue	Vinyl Floor Tile	No	Client ID: BS12.1 VFT Blue With Grey and White Streaks W030A	
					Non-Fibers	100
1947154-35	18-Nov-19	Blue	Vinyl Floor Tile	No	Client ID: BS12.2 VFT Blue With Grey and White Streaks W030A	
					Non-Fibers	100
1947154-36	18-Nov-19	Blue	Vinyl Floor Tile	No	Client ID: BS12.3 VFT Blue With Grey and White Streaks W030A	
					Non-Fibers	100

Certificate of Analysis

Report Date: 13-Dec-2019

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Order Date: 18-Nov-2019

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Project Description: Z1920014HZ (Tabaret Hall)

**Asbestos, PLM Visual Estimation \*\*MDL - 0.5%\*\***

Parcel ID	Sample Date	Colour	Description	Asbestos Detected	Material Identification	% Content
1947154-37.1	18-Nov-19	Blue	Vinyl Floor Tile	No	Client ID: BS13.1 VFT Light Blue With Black Dots - W030B	
					Non-Fibers	100
1947154-37.2	18-Nov-19	Black	Mastic	No	Client ID: BS13.1 VFT Light Blue With Black Dots - W030B	
					Non-Fibers	100
1947154-38.1	18-Nov-19	Blue	Vinyl Floor Tile	No	Client ID: BS13.2 VFT Light Blue With Black Dots - W030B	
					Non-Fibers	100
1947154-38.2	18-Nov-19	Black	Mastic	No	Client ID: BS13.2 VFT Light Blue With Black Dots - W030B	
					Non-Fibers	100
1947154-39.1	18-Nov-19	Blue	Vinyl Floor Tile	No	Client ID: BS13.3 VFT Light Blue With Black Dots - W030B	
					Non-Fibers	100
1947154-39.2	18-Nov-19	Black	Mastic	No	Client ID: BS13.3 VFT Light Blue With Black Dots - W030B	
					Non-Fibers	100
1947154-40.1	18-Nov-19	Beige	Vinyl Floor Tile	Yes	Client ID: BS14.1 VFT Beige With Brown Streaks - W0037	[AS-PT]
					Chrysotile	0.5
					Non-Fibers	99.5
1947154-40.2	18-Nov-19	Black	Mastic	No	Client ID: BS14.1 VFT Beige With Brown Streaks - W0037	
					Non-Fibers	100
1947154-41.1	18-Nov-19				Client ID: BS14.2 VFT Beige With Brown Streaks - W0037	
					not analyzed	
1947154-41.2	18-Nov-19	Black	Mastic	No	Client ID: BS14.2 VFT Beige With Brown Streaks - W0037	
					Non-Fibers	100
1947154-42.1	18-Nov-19				Client ID: BS14.3 VFT Beige With Brown Streaks - W0037	
					not analyzed	
1947154-42.2	18-Nov-19	Black	Mastic	No	Client ID: BS14.3 VFT Beige With Brown Streaks - W0037	
					Non-Fibers	100

Certificate of Analysis

Report Date: 13-Dec-2019

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Order Date: 18-Nov-2019

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Project Description: Z1920014HZ (Tabaret Hall)

**Asbestos, PLM Visual Estimation    \*\*MDL - 0.5%\*\***

Parcel ID	Sample Date	Colour	Description	Asbestos Detected	Material Identification	% Content
1947154-43	18-Nov-19	White	Parging Compound	Yes	Client ID: BS15.1 Parging Compound On Foam Pipe Straight - W335	
					Chrysotile	3
					Non-Fibers	97
1947154-44	18-Nov-19				Client ID: BS15.2 Parging Compound On Foam Pipe Straight - W335	
					not analyzed	
1947154-45	18-Nov-19				Client ID: BS15.3 Parging Compound On Foam Pipe Straight - W335	
					not analyzed	
1947154-46	18-Nov-19	Beige	Wallpaper	No	Client ID: BS16.1 Wallpaper Beige - C303	
					[Z-01c]	
1947154-47	18-Nov-19	Beige	Wallpaper	No	Client ID: BS16.2 Wallpaper Beige - C303	
					[Z-01c]	
1947154-48	18-Nov-19	Beige	Wallpaper	No	Client ID: BS16.3 Wallpaper Beige - C303	
					[Z-01c]	
1947154-49	18-Nov-19	Beige	Wallpaper	No	Client ID: BS17.1 Wallpaper Textured - C216	
					Cellulose	30
					Non-Fibers	70
1947154-50	18-Nov-19	Beige	Wallpaper	No	Client ID: BS17.2 Wallpaper Textured - C216	
					Cellulose	30
					Non-Fibers	70
1947154-51	18-Nov-19	Beige	Wallpaper	No	Client ID: BS17.3 Wallpaper Textured - C216	
					Cellulose	30
					Non-Fibers	70
1947154-52.1	18-Nov-19	Green	Vinyl Floor Tile	No	Client ID: BS18.1 VFT - Light Green With Multicolour Flakes - C111	
					Non-Fibers	100



Certificate of Analysis

Report Date: 13-Dec-2019

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Order Date: 18-Nov-2019

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Project Description: Z1920014HZ (Tabaret Hall)

**Asbestos, PLM Visual Estimation    \*\*MDL - 0.5%\*\***

Parcel ID	Sample Date	Colour	Description	Asbestos Detected	Material Identification	% Content
1947154-52.2	18-Nov-19				Client ID: BS18.1 VFT - Light Green With Multicolour Flakes - C111 not analyzed	[Z-01]
1947154-53.1	18-Nov-19	Green	Vinyl Floor Tile	No	Client ID: BS18.2 VFT - Light Green With Multicolour Flakes - C111 Non-Fibers	100
1947154-53.2	18-Nov-19	Yellow	Mastic	No	Client ID: BS18.2 VFT - Light Green With Multicolour Flakes - C111 Non-Fibers	100
1947154-54.1	18-Nov-19	Green	Vinyl Floor Tile	No	Client ID: BS18.3 VFT - Light Green With Multicolour Flakes - C111 Non-Fibers	100
1947154-54.2	18-Nov-19	Yellow	Mastic	No	Client ID: BS18.3 VFT - Light Green With Multicolour Flakes - C111 Non-Fibers	100
1947154-55	18-Nov-19	Grey	Leveling Compound	No	Client ID: BS19.1 Floor Levelling Compound - C217D Non-Fibers	100
1947154-56	18-Nov-19	Grey	Leveling Compound	No	Client ID: BS19.2 Floor Levelling Compound - C217D Non-Fibers	100
1947154-57	18-Nov-19	Grey	Leveling Compound	No	Client ID: BS19.3 Floor Levelling Compound - C217D Non-Fibers	100
1947154-58	18-Nov-19	Beige	Vinyl Sheet Flooring	No	Client ID: BS20.1 VSF Terrazo Mosaic Pattern Beige - C217D Cellulose MMVF Non-Fibers	20 5 75
1947154-59	18-Nov-19	Beige	Vinyl Sheet Flooring	No	Client ID: BS20.2 VSF Terrazo Mosaic Pattern Beige - C217D Cellulose MMVF Non-Fibers	20 5 75

Certificate of Analysis

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Client: McIntosh Perry Limited (Concord)

Order Date: 18-Nov-2019

Client PO:

Project Description: Z1920014HZ (Tabaret Hall)

**Asbestos, PLM Visual Estimation    \*\*MDL - 0.5%\*\***

Parcel ID	Sample Date	Colour	Description	Asbestos Detected	Material Identification	% Content
1947154-60	18-Nov-19	Beige	Vinyl Sheet Flooring	No	<b>Client ID: BS20.3 VSF Terrazo Mosaic Pattern Beige - C217D</b>	
					Cellulose	20
					MMVF	5
					Non-Fibers	75
1947154-61.1	18-Nov-19	Grey	Vinyl Floor Tile	No	<b>Client ID: BS21.1 VFT - Grey With Multicolour Flakes - C111</b>	
					Non-Fibers	100
1947154-61.2	18-Nov-19	Yellow	Mastic	No	<b>Client ID: BS21.1 VFT - Grey With Multicolour Flakes - C111</b>	
					Non-Fibers	100
1947154-62.1	18-Nov-19	Grey	Vinyl Floor Tile	No	<b>Client ID: BS21.2 VFT - Grey With Multicolour Flakes - C111</b>	
					Non-Fibers	100
1947154-62.2	18-Nov-19	Yellow	Mastic	No	<b>Client ID: BS21.2 VFT - Grey With Multicolour Flakes - C111</b>	
					Non-Fibers	100
1947154-63.1	18-Nov-19	Grey	Vinyl Floor Tile	No	<b>Client ID: BS21.3 VFT - Grey With Multicolour Flakes - C111</b>	
					Non-Fibers	100
1947154-63.2	18-Nov-19	Yellow	Mastic	No	<b>Client ID: BS21.3 VFT - Grey With Multicolour Flakes - C111</b>	
					Non-Fibers	100
1947154-64	18-Nov-19	Grey	Wallpaper	No	<b>Client ID: BS22.1 Wall Paper Grey With Brown Streak - C207C</b>	
					Cellulose	20
					Non-Fibers	80
1947154-65	18-Nov-19	Grey	Wallpaper	No	<b>Client ID: BS22.2 Wall Paper Grey With Brown Streak - C207C</b>	
					Cellulose	20
					Non-Fibers	80
1947154-66	18-Nov-19	Grey	Wallpaper	No	<b>Client ID: BS22.3 Wall Paper Grey With Brown Streak - C207C</b>	
					Cellulose	20
					Non-Fibers	80

Certificate of Analysis

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Project Description: Z1920014HZ (Tabaret Hall)

**Asbestos, PLM Visual Estimation    \*\*MDL - 0.5%\*\***

Parcel ID	Sample Date	Colour	Description	Asbestos Detected	Material Identification	% Content
1947154-67	18-Nov-19	Grey	Mortar	No	Client ID: BS23.1 Brick Mortar - C01B	
					Non-Fibers	100
1947154-68	18-Nov-19	Grey	Mortar	No	Client ID: BS23.2 Brick Mortar - C01B	
					Non-Fibers	100
1947154-69	18-Nov-19	Grey	Mortar	No	Client ID: BS23.3 Brick Mortar - C01B	
					Non-Fibers	100
1947154-70.1	18-Nov-19	Brown	Vinyl Floor Tile	No	Client ID: BS24.1 VFT - Brown Camo With Grey and Black Flakes - C111A	
					Non-Fibers	100
1947154-70.2	18-Nov-19	Yellow	Mastic	No	Client ID: BS24.1 VFT - Brown Camo With Grey and Black Flakes - C111A	
					Non-Fibers	100
1947154-71.1	18-Nov-19	Brown	Vinyl Floor Tile	No	Client ID: BS24.2 VFT - Brown Camo With Grey and Black Flakes - C111A	
					Non-Fibers	100
1947154-71.2	18-Nov-19	Yellow	Mastic	No	Client ID: BS24.2 VFT - Brown Camo With Grey and Black Flakes - C111A	
					Non-Fibers	100
1947154-72.1	18-Nov-19	Brown	Vinyl Floor Tile	No	Client ID: BS24.3 VFT - Brown Camo With Grey and Black Flakes - C111A	
					Non-Fibers	100
1947154-72.2	18-Nov-19	Yellow	Mastic	No	Client ID: BS24.3 VFT - Brown Camo With Grey and Black Flakes - C111A	
					Non-Fibers	100
1947154-73.1	18-Nov-19	Off-white	Vinyl Floor Tile	No	Client ID: BS25.1 VFT - Offwhite With Multicolour Flakes - C111	
					Non-Fibers	100
1947154-73.2	18-Nov-19	Yellow	Mastic	No	Client ID: BS25.1 VFT - Offwhite With Multicolour Flakes - C111	
					Non-Fibers	100
1947154-74.1	18-Nov-19	Off-white	Vinyl Floor Tile	No	Client ID: BS25.2 VFT - Offwhite With Multicolour Flakes - C111	
					Non-Fibers	100

Certificate of Analysis

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Project Description: Z1920014HZ (Tabaret Hall)

**Asbestos, PLM Visual Estimation \*\*MDL - 0.5%\*\***

Parcel ID	Sample Date	Colour	Description	Asbestos Detected	Material Identification	% Content
1947154-74.2	18-Nov-19				Client ID: BS25.2 VFT - Offwhite With Multicolour Flakes - C111 not analyzed	[Z-01a]
1947154-75.1	18-Nov-19	Off-white	Vinyl Floor Tile	No	Client ID: BS25.3 VFT - Offwhite With Multicolour Flakes - C111 Non-Fibers	100
1947154-75.2	18-Nov-19				Client ID: BS25.3 VFT - Offwhite With Multicolour Flakes - C111 not analyzed	[Z-01a]
1947154-76	18-Nov-19	Red	Vinyl Floor Tile	No	Client ID: BS26.1 VFT Red With Grey Flakes - L200 Non-Fibers	100
1947154-77	18-Nov-19	Red	Vinyl Floor Tile	No	Client ID: BS26.2 VFT Red With Grey Flakes - L200 Non-Fibers	100
1947154-78	18-Nov-19	Red	Vinyl Floor Tile	No	Client ID: BS26.3 VFT Red With Grey Flakes - L200 Non-Fibers	100
1947154-79	18-Nov-19	White	Wallpaper	No	Client ID: BS27.1 Wall Paper White - L250 Cellulose Non-Fibers	10 90
1947154-80	18-Nov-19	White	Wallpaper	No	Client ID: BS27.2 Wall Paper White - L250 Cellulose Non-Fibers	10 90
1947154-81	18-Nov-19	White	Wallpaper	No	Client ID: BS27.3 Wall Paper White - L250 Cellulose Non-Fibers	40 60
1947154-82	18-Nov-19	Red	Firestop	No	Client ID: BS28.1 Firestop - L242 Non-Fibers	100
1947154-83	18-Nov-19	Red	Firestop	No	Client ID: BS28.2 Firestop - L242 Non-Fibers	100

Certificate of Analysis

Report Date: 13-Dec-2019

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Order Date: 18-Nov-2019

Client PO:

Project Description: Z1920014HZ (Tabaret Hall)

**Asbestos, PLM Visual Estimation \*\*MDL - 0.5%\*\***

Parcel ID	Sample Date	Colour	Description	Asbestos Detected	Material Identification	% Content
1947154-84	18-Nov-19	Red	Firestop	No	Client ID: BS28.3 Firestop - L242	
					Non-Fibers	100
1947154-85	18-Nov-19	Grey	Ceiling Tile	Yes	Client ID: BS29.1 SCT 2" x 2" - Pinholes With Large Fissures - L056	
					Chrysotile	1
					Cellulose	40
					MMVF	30
					Non-Fibers	29
1947154-86	18-Nov-19				Client ID: BS29.2 SCT 2" x 2" - Pinholes With Large Fissures - L056	
					not analyzed	
1947154-87	18-Nov-19				Client ID: BS29.3 SCT 2" x 2" - Pinholes With Large Fissures - L056	
					not analyzed	
1947154-88	18-Nov-19	Grey	Ceiling Tile	No	Client ID: BS30.1 SCT 2" x 4" - Pinholes With Large Fissures - W009	
					Cellulose	40
					MMVF	30
					Non-Fibers	20
					Other fibers	10
1947154-89	18-Nov-19	Grey	Ceiling Tile	No	Client ID: BS30.2 SCT 2" x 4" - Pinholes With Large Fissures - W33A	
					Cellulose	40
					MMVF	30
					Non-Fibers	20
					Other fibers	10
1947154-90	18-Nov-19	Grey	Ceiling Tile	No	Client ID: BS30.3 SCT 2" x 4" - Pinholes With Large Fissures - M282	
					Cellulose	40
					MMVF	30
					Non-Fibers	20
					Other fibers	10

Certificate of Analysis

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**Asbestos, PLM Visual Estimation    \*\*MDL - 0.5%\*\***

Parcel ID	Sample Date	Colour	Description	Asbestos Detected	Material Identification	% Content
1947154-91.1	18-Nov-19	Grey	Mortar	Yes	Client ID: BS31.1 Brick Mortar - AHIC	
					Chrysotile	1
					Non-Fibers	99
1947154-91.2	18-Nov-19	Red	Brick	No	Client ID: BS31.1 Brick Mortar - AHIC	
					Non-Fibers	100
1947154-92.1	18-Nov-19				Client ID: BS31.2 Brick Mortar - AHIC	
					not analyzed	
1947154-92.2	18-Nov-19				Client ID: BS31.2 Brick Mortar - AHIC	
					[Z-01a]	
1947154-93.1	18-Nov-19				Client ID: BS31.3 Brick Mortar - AHIC	
					not analyzed	
1947154-93.2	18-Nov-19				Client ID: BS31.3 Brick Mortar - AHIC	
					[Z-01a]	
1947154-94.1	18-Nov-19	Beige	Vinyl Floor Tile	Yes	Client ID: BS32.1 VFT Beige With Brown Streaks - Attic Corridor	
					Chrysotile	1
					Non-Fibers	99
1947154-94.2	18-Nov-19	Black	Mastic	No	Client ID: BS32.1 VFT Beige With Brown Streaks - Attic Corridor	
					Non-Fibers	100
1947154-95.1	18-Nov-19				Client ID: BS32.2 VFT Beige With Brown Streaks - Attic Corridor	
					not analyzed	
1947154-95.2	18-Nov-19	Black	Mastic	No	Client ID: BS32.2 VFT Beige With Brown Streaks - Attic Corridor	
					Non-Fibers	100
1947154-96.1	18-Nov-19				Client ID: BS32.3 VFT Beige With Brown Streaks - Attic Corridor	
					not analyzed	

Certificate of Analysis

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**Asbestos, PLM Visual Estimation \*\*MDL - 0.5%\*\***

Parcel ID	Sample Date	Colour	Description	Asbestos Detected	Material Identification	% Content
1947154-96.2	18-Nov-19	Black	Mastic	No	Client ID: BS32.3 VFT Beige With Brown Streaks - Attic Corridor	
					Non-Fibers	100
1947154-97.1	18-Nov-19	Off-white	Vinyl Floor Tile	No	Client ID: BS33.1 VFT Offwhite With Multicolour Streaks - Attic	
					Non-Fibers	100
1947154-97.2	18-Nov-19	Black	Mastic	No	Client ID: BS33.1 VFT Offwhite With Multicolour Streaks - Attic	
					Non-Fibers	100
1947154-98.1	18-Nov-19	Off-white	Vinyl Floor Tile	No	Client ID: BS33.2 VFT Offwhite With Multicolour Streaks - Attic	
					Non-Fibers	100
1947154-98.2	18-Nov-19	Black	Mastic	No	Client ID: BS33.2 VFT Offwhite With Multicolour Streaks - Attic	
					Non-Fibers	100
1947154-99.1	18-Nov-19	Off-white	Vinyl Floor Tile	No	Client ID: BS33.3 VFT Offwhite With Multicolour Streaks - Attic	
					Non-Fibers	100
1947154-99.2	18-Nov-19	Black	Mastic	No	Client ID: BS33.3 VFT Offwhite With Multicolour Streaks - Attic	
					Non-Fibers	100
1947154-AA.1	18-Nov-19	Beige	Vinyl Floor Tile	No	Client ID: BS34.1 VFT Beige With Brown Spots and Streaks - Attic	
					Non-Fibers	100
1947154-AA.2	18-Nov-19	Black	Mastic	No	Client ID: BS34.1 VFT Beige With Brown Spots and Streaks - Attic	
					Non-Fibers	100
1947154-AB.1	18-Nov-19	Beige	Vinyl Floor Tile	No	Client ID: BS34.2 VFT Beige With Brown Spots and Streaks - Attic	
					Non-Fibers	100
1947154-AB.2	18-Nov-19	Black	Mastic	No	Client ID: BS34.2 VFT Beige With Brown Spots and Streaks - Attic	
					Non-Fibers	100
1947154-AC.1	18-Nov-19	Beige	Vinyl Floor Tile	No	Client ID: BS34.3 VFT Beige With Brown Spots and Streaks - Attic	
					Non-Fibers	100



Certificate of Analysis

Report Date: 13-Dec-2019

Client: McIntosh Perry Limited (Concord)

Order Date: 18-Nov-2019

Client PO:

Project Description: Z1920014HZ (Tabaret Hall)

**Asbestos, PLM Visual Estimation    \*\*MDL - 0.5%\*\***

Parcel ID	Sample Date	Colour	Description	Asbestos Detected	Material Identification	% Content
1947154-AC.2	18-Nov-19	Black	Mastic	No	Client ID: BS34.3 VFT Beige With Brown Spots and Streaks - Attic	
					Non-Fibers	100
1947154-AD	18-Nov-19	Black	Caulking	Yes	Client ID: BS35.1 Window Caulking - Chappel Balcony	
					Chrysotile	1
					Non-Fibers	94
					Other fibers	5
1947154-AE	18-Nov-19				Client ID: BS35.2 Window Caulking - Chappel Balcony	
					not analyzed	
1947154-AF	18-Nov-19				Client ID: BS35.3 Window Caulking - Chappel Balcony	
					not analyzed	
1947154-AG	18-Nov-19	Black	Tar flooring	No	Client ID: BS36.1 Tar Flooring - Chappel Balcony	
					[AS-PRE]	
					Non-Fibers	100
1947154-AH	18-Nov-19	Black	Tar flooring	No	Client ID: BS36.2 Tar Flooring - Chappel Balcony	
					[AS-PRE]	
					Non-Fibers	100
1947154-AI	18-Nov-19	Black	Tar flooring	No	Client ID: BS36.3 Tar Flooring - Chappel Balcony	
					[AS-PRE]	
					Non-Fibers	100
1947154-AJ	18-Nov-19	Grey	Ceiling Tile	No	Client ID: BS37.1 SCT - 2" x 4" - Square Pattern With Pinholes- C219A	
					Cellulose	40
					MMVF	30
					Non-Fibers	30
1947154-AK	18-Nov-19	Grey	Ceiling Tile	No	Client ID: BS37.2 SCT - 2" x 4" - Square Pattern With Pinholes- C219A	
					Cellulose	40
					MMVF	30
					Non-Fibers	30

Certificate of Analysis

Report Date: 13-Dec-2019

Client: McIntosh Perry Limited (Concord)

Order Date: 18-Nov-2019

Client PO:

Project Description: Z1920014HZ (Tabaret Hall)

**Asbestos, PLM Visual Estimation \*\*MDL - 0.5%\*\***

Parcel ID	Sample Date	Colour	Description	Asbestos Detected	Material Identification	% Content
1947154-AL	18-Nov-19	Grey	Ceiling Tile	No	<b>Client ID: BS37.3 SCT - 2" x 4" - Square Pattern With Pinholes- C219A</b>	
					Cellulose	40
					MMVF	30
					Non-Fibers	30
1947154-AM	18-Nov-19	Grey	Ceiling Tile	No	<b>Client ID: BS38.1 SCT - 2" x 2" - Pinhole With Texture - C216</b>	
					Cellulose	40
					MMVF	30
					Non-Fibers	30
1947154-AN	18-Nov-19	Grey	Ceiling Tile	No	<b>Client ID: BS38.2 SCT - 2" x 2" - Pinhole With Texture - C216</b>	
					Cellulose	40
					MMVF	30
					Non-Fibers	30
1947154-AO	18-Nov-19	Grey	Ceiling Tile	No	<b>Client ID: BS38.3 SCT - 2" x 2" - Pinhole With Texture - C216</b>	
					Cellulose	40
					MMVF	30
					Non-Fibers	30
1947154-AP	18-Nov-19	White	Grout	No	<b>Client ID: BS39.1 Walltile Grout - W210 Men's W/R</b>	
					Non-Fibers	100
1947154-AQ	18-Nov-19	White	Grout	No	<b>Client ID: BS39.2 Walltile Grout - W210 Men's W/R</b>	
					Non-Fibers	100
1947154-AR	18-Nov-19	White	Grout	No	<b>Client ID: BS39.3 Walltile Grout - W210 Men's W/R</b>	
					Non-Fibers	100
1947154-AS	18-Nov-19	Grey	Drywall Joint Compound	No	<b>Client ID: BS40.1 Drywall Joint Compound</b>	
						[Z-01b]
					Cellulose	5
					MMVF	3
					Non-Fibers	92

Certificate of Analysis

Client: McIntosh Perry Limited (Concord)

Client PO:

Report Date: 13-Dec-2019

Order Date: 18-Nov-2019

Project Description: Z1920014HZ (Tabaret Hall)

**Asbestos, PLM Visual Estimation    \*\*MDL - 0.5%\*\***

Parcel ID	Sample Date	Colour	Description	Asbestos Detected	Material Identification	% Content
1947154-AT	18-Nov-19	White	Drywall Joint Compound	Yes	Client ID: BS40.2 Drywall Joint Compound	
					Chrysotile	1
					Non-Fibers	99
1947154-AU	18-Nov-19				Client ID: BS40.3 Drywall Joint Compound	
					not analyzed	
1947154-AV	18-Nov-19				Client ID: BS40.4 Drywall Joint Compound	
					not analyzed	
1947154-AW	18-Nov-19				Client ID: BS40.5 Drywall Joint Compound	
					not analyzed	
1947154-AX	18-Nov-19				Client ID: BS40.6 Drywall Joint Compound	
					not analyzed	
1947154-AY	18-Nov-19				Client ID: BS40.7 Drywall Joint Compound	
					not analyzed	
1947154-AZ	18-Nov-19				Client ID: BS40.8 Drywall Joint Compound	
					not analyzed	
1947154-BA	18-Nov-19				Client ID: BS40.9 Drywall Joint Compound	
					not analyzed	
1947154-BB	18-Nov-19				Client ID: BS40.10 Drywall Joint Compound	
					not analyzed	
1947154-BC	18-Nov-19				Client ID: BS40.11 Drywall Joint Compound	
					not analyzed	

\* MMVF: Man Made Vitreous Fibers: Fiberglass, Mineral Wool, Rockwool, Glasswool

\*\* Analytes in bold indicate asbestos mineral content.

## Certificate of Analysis

Client: McIntosh Perry Limited (Concord)

Client PO:

Report Date: 13-Dec-2019

Order Date: 18-Nov-2019

Project Description: Z1920014HZ (Tabaret Hall)

## Analysis Summary Table

Analysis	Method Reference/Description	Lab Location	NVLAP Lab Code *	Analysis Date
Asbestos, PLM Visual Estimation	by EPA 600/R-93/116	1 - Mississauga	200863-0	25-Nov-19

\* Reference to the NVLAP term does not permit the user of this report to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government.

Mississauga Lab: 15 - 6800 Kitimat Rd Mississauga, Ontario, L5N 5M1

## Qualifier Notes

## Sample Qualifiers :

AS-PRE: Due to the difficult nature of the bulk sample (interfering fibers/binders), additional NOB preparation was required prior to analysis

AS-PT: Asbestos quantitation by PLM Point Count method.

Z-01: Insufficient sample.

Z-01a: No sample present.

Z-01b: Sample appears to be drywall.

Z-01c: Sample appears to be paint.

## Work Order Revisions | Comments

Revision 1: This report has been revised to reflect the removal of qualifiers on indistinct sample layers.

REVISION 2: Report has been revised to include results from work order 1947182 per client.



Paracel ID: 1947154



10f2

Head Office  
300-2319 St. Laurent Blvd.  
Ottawa, Ontario K1G 4J8  
p: 1-800-749-1947  
e: paracel@paracellabs.com

Chain of Custody  
(Lab Use Only)

Client Name: McIntosh Perry

Project Reference: Z1920014H2 (Tabaret Hall)

Contact Name: Diana Banakh

Quote #: 19-651

Address: 6240 Highway 7, Suite 200, Concord, Ontario L4K 2A3

PO #:

Email Address: d.banakh@mcintoshperry.com

Telephone: 905-856-5200

Turnaround Time:

☐ Immediate ☐ 1 Day  
☐ 4 Hour ☐ 2 Day  
☐ 8 Hour ☒ Regular

6 days  
Date Required:

## ASBESTOS &amp; MOLD ANALYSIS

Matrix: ☐ Air ☒ Bulk ☐ Tape Lift ☐ Swab ☐ Other Regulatory Guideline: ☒ ON ☐ QC ☐ AB ☐ SK ☐ Other:

Analyses: ☐ Microscopic Mold ☐ Culturable Mold ☐ Bacteria GRAM ☐ PCM Asbestos ☒ PLM Asbestos ☐ Chatfield Asbestos ☐ TEM Asbestos

Paracel Order Number:

1947154

Sample ID		Sampling Date	Air Volume (L)	Analysis Required	Asbestos - Bulk		Positive Stop?
					Identify Distinct Building Materials to Be Analyzed		
BS1.1-1.3	VFT Beige with black dots - L012		N/A	PLM			X
BS2.1-2.3	VFT Grey with black dots - W1032		N/A	PLM			X
BS3.1-3.3	VFT Grey with beige and blue flakes - M153		N/A	PLM			X
BS4.1-4.3	VFT off white with blue flakes - M153		N/A	PLM			X
BS5.1-5.3	VFT Brown with multicolour flakes - C111		N/A	PLM			X
BS6.1-6.3	VFT light blue with grey flakes - M155		N/A	PLM			X
BS7.1-7.3	VFT beige camo with grey streaks - 4th floor M418 Hallway		N/A	PLM			X
BS8.1-8.3	VFT Interior Window Caulking		N/A	PLM			X
BS9.1-9.3	VFT off white with small grey streaks - N0122B		N/A	PLM			X
BS10.1-10.3	VFT brown with white streaks - N0019 stairs		N/A	PLM			X
BS11.1-11.3	Concrete Block Mortar - N0026 Caged Storage Area		N/A	PLM			X
BS12.1-12.3	VFT Blue with grey and white streaks W030A		N/A	PLM			X
BS13.1-13.3	VFT light blue with black dots - W030B		N/A	PLM			X
BS14.1-14.3	VFT beige with brown streaks - W0037		N/A	PLM			X
BS15.1-15.3	Parging compound on foam pipe straight - W335		N/A	PLM			X
BS16.1-16.3	Wallpaper Beige - C303		N/A	PLM			X
BS17.1-17.3	Wallpaper Textured - C216		N/A	PLM			X
BS18.1-18.3	VFT - Light Green with multicolour flakes - C111		N/A	PLM			X
BS19.1-19.3	Floor levelling Compound - C217D		N/A	PLM			X
BS20.1-20.3	VFT - Terrazzo Mosaic pattern Beige - C217D		N/A	PLM			X

Cynthia Q. NOV 18/2019 16:35 Initial

p. 2 of 2

Parcel ID: 1947154

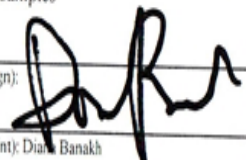
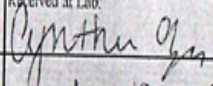
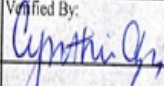


BS21.1-21.3	VFT - Grey with multicolour flakes - C111		N/A	PLM			x
BS22.1-22.3	Wall paper grey with brown streak - C207C		N/A	PLM			x
BS23.1-23.3	Brick mortar - C01B		N/A	PLM			x
BS24.1-24.3	VFT - Brown Camo with grey and black flakes - C111A		N/A	PLM			x
BS25.1-25.3	VFT - Offwhite with multicolour flakes - C111		N/A	PLM			x
BS26.1-26.3	VFT Red with grey flakes - L200		N/A	PLM			x
BS27.1-27.3	Wall paper white - L250		N/A	PLM			x
BS28.1-28.3	Firestop - L242		N/A	PLM			x
BS29.1-29.3	SCT 2" x 2" - Pinholes with large fissures - L056		N/A	PLM			x
BS30.1-30.3	SCT 2" x 4" - Pinholes with large fissures - W009, W33A, M282		N/A	PLM			x
BS31.1-31.3	Brick Mortar - AHIC		N/A	PLM			x
BS32.1-32.3	VFT Beige with brown streaks - Attic corridor		N/A	PLM			x
BS33.1-33.3	VFT Offwhite with multicolour streaks - Attic		N/A	PLM			x
BS34.1-34.3	VFT Beige with brown spots and streaks - Attic		N/A	PLM			x
BS35.1-35.3	Window caulking - Chappel Balcony		N/A	PLM			x
BS36.1-36.3	Tar Flooring - Chapel Balcony		N/A	PLM			x
BS37.1-37.3	SCT - 2" x 4" - Square pattern with pinholes - C219A		N/A	PLM			x
BS38.1-38.3	SCT - 2" x 2" - Pinhole with Texture - C216		N/A	PLM			x
BS39.1-39.3	Walltile Grout - W210 Men's W/R		N/A	PLM			x
BS40.1-40.11	Drywall joint compound		N/A	PLM			x

\* If left blank, Parcel will analyze all materials identified during analysis

\*\* If left blank, Parcel will analyze all materials as individual samples (at additional cost) per EPA 600/R-93/116

Comments: 197 samples

Relinquished By (Sign): 		Received at Depot:		Received at Lab: 		Method of Delivery: <u>United</u>	
Relinquished By (Print): Diana Banakh				Verified By: 			
Date/Time:		Date/Time:		Date/Time: NOV 18/2019 16:35		Date/Time: NOV 19/2019 9:53	



## Certificate of Analysis

### McIntosh Perry Limited (Concord)

6240 Hwy 7, Suite 200  
Woodbridge, ON L4H 0R2  
Attn: Diana Banakh

Client PO:  
Project: Z1920014HZ (Colonel By Hall)  
Custody:

Report Date: 13-Dec-2019  
Order Date: 18-Nov-2019

Revised Report

**Order #: 1947182**

This Certificate of Analysis contains analytical data applicable to the following samples as submitted :

Paracel ID	Client ID
1947182-67	BS41.1 VFT Yellow and Beige - L046
1947182-68	BS41.2 VFT Yellow and Beige - L046
1947182-69.1	BS41.3 VFT Yellow and Beige - L062
1947182-70	BS42.1 VFT Beige with White / Orange / Brown - L054
1947182-71	BS42.2 VFT Beige with White / Orange / Brown - L054
1947182-72	BS42.3 VFT Beige with White / Orange / Brown - L054
1947182-73.1	BS43.1 VFT White with Blue and Pink - L058
1947182-74.1	BS43.2 VFT White with Blue and Pink - L058
1947182-75.1	BS43.3 VFT White with Blue and Pink - L058
1947182-80	BS44.1 VSF-Sandy Brown-L070
1947182-81	BS44.2 VSF-Sandy Brown-L070
1947182-82	BS44.3 VSF-Sandy Brown-L070
1947182-83	BS27.1 Drywall - A321
1947182-84	BS27.2 Drywall - A501
1947182-85	BS27.3 Drywall - A601
1947182-86	BS27.4 Drywall - A701
1947182-87	BS27.5 Drywall - A702
1947182-88	BS27.6 Drywall - A708B
1947182-89	BS27.7 Drywall - A708B
1947182-90	BS40.12 Drywall - L040
1947182-91	BS40.13 Drywall - L040
1947182-92	BS40.14 Drywall - L064
1947182-93	BS40.15 Drywall - L072
1947182-94	BS40.16 Drywall - L072A
1947182-95	BS40.17 Drywall - L072A
1947182-96	BS40.18 Drywall - L054

Approved By:



Emma Diaz  
Senior Analyst



Certificate of Analysis

Report Date: 13-Dec-2019

Client: McIntosh Perry Limited (Concord)

Order Date: 18-Nov-2019

Client PO:

Project Description: Z1920014HZ (Colonel By Hall)

**Asbestos, PLM Visual Estimation    \*\*MDL - 0.5%\*\***

Parcel ID	Sample Date	Colour	Description	Asbestos Detected	Material Identification	% Content
1947182-67	30-Aug-19	Yellow	Vinyl Floor Tile	No	Client ID: BS41.1 VFT Yellow and Beige - L046	
					Non-Fibers	100
1947182-68	30-Aug-19	Yellow	Vinyl Floor Tile	No	Client ID: BS41.2 VFT Yellow and Beige - L046	
					Non-Fibers	100
1947182-69.1	30-Aug-19	Yellow	Vinyl Floor Tile	No	Client ID: BS41.3 VFT Yellow and Beige - L062	
					Non-Fibers	100
1947182-70	30-Aug-19	Beige	Vinyl Floor Tile	No	Client ID: BS42.1 VFT Beige with White / Orange / Brown - L054	
					Non-Fibers	100
1947182-71	30-Aug-19	Beige	Vinyl Floor Tile	No	Client ID: BS42.2 VFT Beige with White / Orange / Brown - L054	
					Non-Fibers	100
1947182-72	30-Aug-19	Beige	Vinyl Floor Tile	No	Client ID: BS42.3 VFT Beige with White / Orange / Brown - L054	
					Non-Fibers	100
1947182-73.1	30-Aug-19	White	Vinyl Floor Tile	No	Client ID: BS43.1 VFT White with Blue and Pink - L058	
					Non-Fibers	100
1947182-74.1	30-Aug-19	White	Vinyl Floor Tile	No	Client ID: BS43.2 VFT White with Blue and Pink - L058	
					Non-Fibers	100
1947182-75.1	30-Aug-19	White	Vinyl Floor Tile	No	Client ID: BS43.3 VFT White with Blue and Pink - L058	
					Non-Fibers	100
1947182-80	30-Aug-19	Sandy	Vinyl Floor Tile	No	Client ID: BS44.1 VSF-Sandy Brown-L070	
					Non-Fibers	100
1947182-81	30-Aug-19	Sandy	Vinyl Floor Tile	No	Client ID: BS44.2 VSF-Sandy Brown-L070	
					Non-Fibers	100
1947182-82	30-Aug-19	Sandy	Vinyl Floor Tile	No	Client ID: BS44.3 VSF-Sandy Brown-L070	
					Non-Fibers	100

Certificate of Analysis

Report Date: 13-Dec-2019

Client: McIntosh Perry Limited (Concord)

Order Date: 18-Nov-2019

Client PO:

Project Description: Z1920014HZ (Colonel By Hall)

**Asbestos, PLM Visual Estimation    \*\*MDL - 0.5%\*\***

Parcel ID	Sample Date	Colour	Description	Asbestos Detected	Material Identification	% Content
1947182-83	30-Aug-19	Beige	Drywall Joint Compound	Yes	Client ID: BS27.1 Drywall - A321	
					Chrysotile	1
					Non-Fibers	99
1947182-84	30-Aug-19				Client ID: BS27.2 Drywall - A501	
					not analyzed	
1947182-85	30-Aug-19				Client ID: BS27.3 Drywall - A601	
					not analyzed	
1947182-86	30-Aug-19				Client ID: BS27.4 Drywall - A701	
					not analyzed	
1947182-87	30-Aug-19				Client ID: BS27.5 Drywall - A702	
					not analyzed	
1947182-88	30-Aug-19				Client ID: BS27.6 Drywall - A708B	
					not analyzed	
1947182-89	30-Aug-19				Client ID: BS27.7 Drywall - A708B	
					not analyzed	
1947182-90	30-Aug-19				Client ID: BS40.12 Drywall - L040	
					not analyzed	
1947182-91	30-Aug-19				Client ID: BS40.13 Drywall - L040	
					not analyzed	
1947182-92	30-Aug-19				Client ID: BS40.14 Drywall - L064	
					not analyzed	
1947182-93	30-Aug-19				Client ID: BS40.15 Drywall - L072	
					not analyzed	
1947182-94	30-Aug-19				Client ID: BS40.16 Drywall - L072A	
					not analyzed	

## Certificate of Analysis

Client: McIntosh Perry Limited (Concord)

Client PO:

Report Date: 13-Dec-2019

Order Date: 18-Nov-2019

Project Description: Z1920014HZ (Colonel By Hall)

**Asbestos, PLM Visual Estimation    \*\*MDL - 0.5%\*\***

Parcel ID	Sample Date	Colour	Description	Asbestos Detected	Material Identification	% Content
1947182-95	30-Aug-19				Client ID: BS40.17 Drywall - L072A	
					not analyzed	
1947182-96	30-Aug-19				Client ID: BS40.18 Drywall - L054	
					not analyzed	

**\*\* Analytes in bold indicate asbestos mineral content.****Analysis Summary Table**

Analysis	Method Reference/Description	Lab Location	NVLAP Lab Code	*	Analysis Date
Asbestos, PLM Visual Estimation	by EPA 600/R-93/116	1 - Mississauga	200863-0		20-Nov-19

\* Reference to the NVLAP term does not permit the user of this report to claim product certification , approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government.

Mississauga Lab: 15 - 6800 Kitimat Rd Mississauga, Ontario, L5N 5M1

**Work Order Revisions | Comments**

REVISION 1: Report updated to reflect exclusion of samples BS 23.1 to BS 27.14 from report per client.



Paracel ID: 1947182



Head Office  
300-2319 St. Laurent Blvd  
Ottawa, Ontario K1G 4J8  
p 1-800-749-1947  
e: paracel@paracellabs.com

Chain of Custody  
(Lab Use Only)

Client Name: McIntosh Perry

Project Reference: Z1920014HZ (Colonel By Hall)

Contact Name: Diana Banakh

Quote #: 19-651

Address: 6240 Highway 7, Suite 200, Concord, Ontario L4K 2A3

PO #:

Email Address: d.banakh@mcintoshperry.com

Telephone: 905-856-5200

Turnaround Time:

☐ Immediate ☐ 1 Day  
☐ 4 Hour 2 Day  
☐ 8 Hour x Regular

6 days  
Date Required:

## ASBESTOS &amp; MOLD ANALYSIS

Matrix: ☐ Air ☒ Bulk ☐ Tape Lift ☐ Swab ☐ Other Regulatory Guideline: ☒ ON ☐ QC ☐ AB ☐ SK ☐ Other:

Analyses: ☐ Microscopic Mold ☐ Culturable Mold ☐ Bacteria GRAM ☐ PCM Asbestos ☒ X PLM Asbestos ☐ Chatfield Asbestos ☐ TEM Asbestos

Paracel Order Number:

1947182

## Asbestos - Bulk

Sample ID		Sampling Date	Air Volume (L)	Analysis Required	Identify Distinct Building Materials to Be Analyzed	Positive Stop?
BS1.1-1.3	VFT Blue - A301, A604, A604	August 30th, 2019	N/A	PLM		X
BS2.1-2.3	SCT Pinholes with Texture - B109C, B109C, D503	August 30th, 2019	N/A	PLM		X
BS3.1-3.3	VFT White with green and orange flakes - B103, B103, B103	August 30th, 2019	N/A	PLM		X
BS4.1-4.3	SCT Pinholes varying sizes - B109C, B109C, B109C	August 30th, 2019	N/A	PLM		X
BS5.1-5.3	VFT Grey with black - B204, B204, B204	August 30th, 2019	N/A	PLM		X
BS6.1-6.3	VFT Beige with white / black / grey spots - B210, B210, B210	August 30th, 2019	N/A	PLM		X
BS7.1-7.3	Firestop caulking brown - B406B, B406B, B406B	August 30th, 2019	N/A	PLM		X
BS8.1-8.3	VFT black - B522, B522, B522	August 30th, 2019	N/A	PLM		X
BS9.1-9.3	Cement insulation - B602, B602, B602	August 30th, 2019	N/A	PLM		X
BS10.1-10.3	Acoustic tile - B701, B701, B701	August 30th, 2019	N/A	PLM		X
BS11.1-11.3	Concrete block mortar - A24A, B901, B901	August 30th, 2019	N/A	PLM		X
BS12.1-12.3	Interior window caulking - B824, B524, B524	August 30th, 2019	N/A	PLM		X
BS13.1-13.3	VFT white with green flakes - C09, C09, C09	August 30th, 2019	N/A	PLM		X
BS14.1-14.3	VFT white with grey spots - D05A, D05A, D05A	August 30th, 2019	N/A	PLM		X
BS15.1-15.3	Wall mastic - D014, D014, D014	August 30th, 2019	N/A	PLM		X
BS16.1-16.3	Pipe caulking - D107, D107A, D107A	August 30th, 2019	N/A	PLM		X
BS17.1-17.3	VFT white with grey flakes - D511, D504, D504	August 30th, 2019	N/A	PLM		X
BS18.1-18.3	VSF grey with white and dark grey flakes - E09, E09, E09	August 30th, 2019	N/A	PLM		X
BS19.1-19.3	VFT grey - E018B, E018B, E018B	August 30th, 2019	N/A	PLM		X
BS20.1-20.3	SCT screw on acoustic tile - E018B, E018B, E018B	August 30th, 2019	N/A	PLM		X

Chain of Custody (Asbestos) - Rev. 2.0 Nov. 2017



BS21.1-21.3	Pipe straight insulation - E018D, E018D, E018D	August 30th, 2019	N/A	PLM		x
BS22.1-22.3	Floor mastic - E101B, E101B, E101B	August 30th, 2019	N/A	PLM		x
BS23.1-23.3	VFT yellow and beige - L046, L046, L062	August 30th, 2019	N/A	PLM		x
BS24.1-24.3	VFT beige with white / orange / brown - L054, L054, L054	August 30th, 2019	N/A	PLM		x
BS25.1-25.7	VFT white with blue and pink - L058, L058, L058	August 30th, 2019	N/A	PLM		x
BS26.1-26.3	VFT Sandy brown - L070, L070, L070	August 30th, 2019	N/A	PLM		x
BS27.1-27.14	Drywall - A321, A501, A601, A701, A702, A708B, A708B, L040, L040, L064, L072, L072	August 30th, 2019	N/A	PLM		x
BS28.1-28.7	Ceiling texture coat - C101, C101, C101, C101, C101, C101, C101	August 30th, 2019	N/A	PLM		x
BS29.1-29.7	Ceiling plaster - C03, C03, C03, C03, C03, C03, C03	August 30th, 2019	N/A	PLM		x
BS30.1-30.3	VFT yellow with black and brown streaks - A01, A01, A01	August 30th, 2019	N/A	PLM		x
BS31.1-31.3	VFT grey with black dots - A04, A04, A04	August 30th, 2019	N/A	PLM		x
BS32.1-32.3	VFT beige with black dots - A04, A04, A04	August 30th, 2019	N/A	PLM		x
BS33.1-33.3	VFT light grey with grey flakes - A114, A114, B114	August 30th, 2019	N/A	PLM		x
BS34.1-34.3	VFT cream with pink/green/grey flakes - A114, A114, A114	August 30th, 2019	N/A	PLM		x
BS35.1-35.3	Pipe fitting insulation - A201B, A201B, A201B	August 30th, 2019	N/A	PLM		x
BS36.1-36.3	VSF grey with blue and brown - A301, A315, A315	August 30th, 2019	N/A	PLM		x
BS37.1-37.3	Firestop pink - A201D, A201D, A321	August 30th, 2019	N/A	PLM		x
BS38.1-38.3	VFT white - A201, A321, A501	August 30th, 2019	N/A	PLM		x
BS39.1-39.3	Firestop red - A201C, A501C, A601	August 30th, 2019	N/A	PLM		x
BS40.1-40.3	VFT pink - A505, A505, A605	August 30th, 2019	N/A	PLM		x
BS41.1-41.3	VFT black with white and grey spots - A519, A519, A519	August 30th, 2019	N/A	PLM		x
BS42.1-42.3	VFT yellow tile with brown and tile streaks - A604, A604, A604	August 30th, 2019	N/A	PLM		x
BS43.1-43.3	Ceiling tile - A705, A705, A601	August 30th, 2019	N/A	PLM		x
BS44.1-44.3	Carpet mastic - A714, A614, A614	August 30th, 2019	N/A	PLM		x
BS45.1-45.3	Door caulking - A802, A802, A802	August 30th, 2019	N/A	PLM		x

\* If left blank, Parcel will analyze all materials identified during analysis \*\* If left blank, Parcel will analyze all materials as individual samples (at additional cost) per EPA 600/R-93/116

Comments: 233 samples

Method of Delivery:

United.

Relinquished By (Sign):	Received at Depot:	Received at Lab:	Verified By:
Relinquished By (Print): Diana Banakh			
Date/Time:	Date/Time:	Date/Time: Nov 18/2019 16:35	Date/Time: Nov 19/2019

12:37



## Certificate of Analysis

### McIntosh Perry Limited (Concord)

6240 Hwy 7, Suite 200  
Woodbridge, ON L4H 0R2  
Attn: Diana Banakh

Client PO:  
Project: Z1920014HZ (Tabaret Hall)  
Custody:

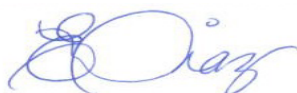
Report Date: 26-Nov-2019  
Order Date: 18-Nov-2019

**Order #: 1947154**

This Certificate of Analysis contains analytical data applicable to the following samples as submitted :

Paracel ID	Client ID
1947154-01.1	BS1.1 VFT Beige With Black Dots - L012
1947154-01.2	BS1.1 VFT Beige With Black Dots - L012
1947154-02.1	BS1.2 VFT Beige With Black Dots - L012
1947154-02.2	BS1.2 VFT Beige With Black Dots - L012
1947154-03.1	BS1.3 VFT Beige With Black Dots - L012
1947154-03.2	BS1.3 VFT Beige With Black Dots - L012
1947154-04.1	BS2.1 VFT Grey With Black Dots - W1032
1947154-04.2	BS2.1 VFT Grey With Black Dots - W1032
1947154-05.1	BS2.2 VFT Grey With Black Dots - W1032
1947154-05.2	BS2.2 VFT Grey With Black Dots - W1032
1947154-06.1	BS2.3 VFT Grey With Black Dots - W1032
1947154-06.2	BS2.3 VFT Grey With Black Dots - W1032
1947154-07.1	BS3.1 VFT Grey With Beige and Blue Flakes - M153
1947154-07.2	BS3.1 VFT Grey With Beige and Blue Flakes - M153
1947154-08.1	BS3.2 VFT Grey With Beige and Blue Flakes - M153
1947154-08.2	BS3.2 VFT Grey With Beige and Blue Flakes - M153
1947154-09.1	BS3.3 VFT Grey With Beige and Blue Flakes - M153
1947154-09.2	BS3.3 VFT Grey With Beige and Blue Flakes - M153
1947154-10.1	BS4.1 VFT Off White With Blue Flakes - M153
1947154-10.2	BS4.1 VFT Off White With Blue Flakes - M153
1947154-11.1	BS4.2 VFT Off White With Blue Flakes - M153
1947154-11.2	BS4.2 VFT Off White With Blue Flakes - M153
1947154-12.1	BS4.3 VFT Off White With Blue Flakes - M153
1947154-12.2	BS4.3 VFT Off White With Blue Flakes - M153
1947154-13.1	BS5.1 VFT Brown With Multicolour Flakes - C111
1947154-13.2	BS5.1 VFT Brown With Multicolour Flakes - C111

Approved By:



Emma Diaz  
Senior Analyst

Any use of these results implies your agreement that our total liability in connection with this work, however arising, shall be limited to the amount paid by you for this work, and that our employees or agents shall not under any circumstances be liable to you in connection with this work.

Certificate of Analysis

Report Date: 26-Nov-2019

**Client:** McIntosh Perry Limited (Concord)

Order Date: 18-Nov-2019

**Client PO:**

**Project Description:** Z1920014HZ (Tabaret Hall)

1947154-14.1	BS5.2 VFT Brown With Multicolour Flakes - C111
1947154-14.2	BS5.2 VFT Brown With Multicolour Flakes - C111
1947154-15.1	BS5.3 VFT Brown With Multicolour Flakes - C111
1947154-15.2	BS5.3 VFT Brown With Multicolour Flakes - C111
1947154-16.1	BS6.1 VFT Light Blue With Grey Flakes - M155
1947154-16.2	BS6.1 VFT Light Blue With Grey Flakes - M155
1947154-17.1	BS6.2 VFT Light Blue With Grey Flakes - M155
1947154-17.2	BS6.2 VFT Light Blue With Grey Flakes - M155
1947154-18.1	BS6.3 VFT Light Blue With Grey Flakes - M155
1947154-18.2	BS6.3 VFT Light Blue With Grey Flakes - M155
1947154-19	BS7.1 VFT Beige Camo With Grey Streaks - 4th Floor M418 Hallway
1947154-20	BS7.2 VFT Beige Camo With Grey Streaks - 4th Floor M418 Hallway
1947154-21	BS7.3 VFT Beige Camo With Grey Streaks - 4th Floor M418 Hallway
1947154-22	BS8.1 VFT Interior Window Caulking
1947154-23	BS8.2 VFT Interior Window Caulking
1947154-24	BS8.3 VFT Interior Window Caulking
1947154-25.1	BS9.1 VFT Off White With Small Grey Streaks - N0122B
1947154-25.2	BS9.1 VFT Off White With Small Grey Streaks - N0122B
1947154-26.1	BS9.2 VFT Off White With Small Grey Streaks - N0122B
1947154-26.2	BS9.2 VFT Off White With Small Grey Streaks - N0122B
1947154-27.1	BS9.3 VFT Off White With Small Grey Streaks - N0122B
1947154-27.2	BS9.3 VFT Off White With Small Grey Streaks - N0122B
1947154-28.1	BS10.1 VFT Brown With White Streaks - N0019 Stairs
1947154-28.2	BS10.1 VFT Brown With White Streaks - N0019 Stairs
1947154-29.1	BS10.2 VFT Brown With White Streaks - N0019 Stairs
1947154-29.2	BS10.2 VFT Brown With White Streaks - N0019 Stairs
1947154-30.1	BS10.3 VFT Brown With White Streaks - N0019 Stairs
1947154-30.2	BS10.3 VFT Brown With White Streaks - N0019 Stairs
1947154-31	BS11.1 Concrete Block Mortar - N0026 Caged Storage Area
1947154-32	BS11.2 Concrete Block Mortar - N0026 Caged Storage Area
1947154-33	BS11.3 Concrete Block Mortar - N0026 Caged Storage Area
1947154-34	BS12.1 VFT Blue With Grey and White Streaks W030A
1947154-35	BS12.2 VFT Blue With Grey and White Streaks W030A
1947154-36	BS12.3 VFT Blue With Grey and White Streaks W030A
1947154-37.1	BS13.1 VFT Light Blue With Black Dots - W030B
1947154-37.2	BS13.1 VFT Light Blue With Black Dots - W030B
1947154-38.1	BS13.2 VFT Light Blue With Black Dots - W030B
1947154-38.2	BS13.2 VFT Light Blue With Black Dots - W030B
1947154-39.1	BS13.3 VFT Light Blue With Black Dots - W030B
1947154-39.2	BS13.3 VFT Light Blue With Black Dots - W030B
1947154-40.1	BS14.1 VFT Beige With Brown Streaks - W0037
1947154-40.2	BS14.1 VFT Beige With Brown Streaks - W0037
1947154-41.1	BS14.2 VFT Beige With Brown Streaks - W0037
1947154-41.2	BS14.2 VFT Beige With Brown Streaks - W0037



Certificate of Analysis

**Client:** McIntosh Perry Limited (Concord)

Report Date: 26-Nov-2019

Order Date: 18-Nov-2019

**Client PO:**

**Project Description:** Z1920014HZ (Tabaret Hall)

1947154-42.1	BS14.3 VFT Beige With Brown Streaks - W0037
1947154-42.2	BS14.3 VFT Beige With Brown Streaks - W0037
1947154-43	BS15.1 Parging Compound On Foam Pipe Straight - W335
1947154-44	BS15.2 Parging Compound On Foam Pipe Straight - W335
1947154-45	BS15.3 Parging Compound On Foam Pipe Straight - W335
1947154-46	BS16.1 Wallpaper Beige - C303
1947154-47	BS16.2 Wallpaper Beige - C303
1947154-48	BS16.3 Wallpaper Beige - C303
1947154-49	BS17.1 Wallpaper Textured - C216
1947154-50	BS17.2 Wallpaper Textured - C216
1947154-51	BS17.3 Wallpaper Textured - C216
1947154-52.1	BS18.1 VFT - Light Green With Multicolour Flakes - C111
1947154-52.2	BS18.1 VFT - Light Green With Multicolour Flakes - C111
1947154-53.1	BS18.2 VFT - Light Green With Multicolour Flakes - C111
1947154-53.2	BS18.2 VFT - Light Green With Multicolour Flakes - C111
1947154-54.1	BS18.3 VFT - Light Green With Multicolour Flakes - C111
1947154-54.2	BS18.3 VFT - Light Green With Multicolour Flakes - C111
1947154-55	BS19.1 Floor Levelling Compound - C217D
1947154-56	BS19.2 Floor Levelling Compound - C217D
1947154-57	BS19.3 Floor Levelling Compound - C217D
1947154-58	BS20.1 VSF Terrazo Mosaic Pattern Beige - C217D
1947154-59	BS20.2 VSF Terrazo Mosaic Pattern Beige - C217D
1947154-60	BS20.3 VSF Terrazo Mosaic Pattern Beige - C217D
1947154-61.1	BS21.1 VFT - Grey With Multicolour Flakes - C111
1947154-61.2	BS21.1 VFT - Grey With Multicolour Flakes - C111
1947154-62.1	BS21.2 VFT - Grey With Multicolour Flakes - C111
1947154-62.2	BS21.2 VFT - Grey With Multicolour Flakes - C111
1947154-63.1	BS21.3 VFT - Grey With Multicolour Flakes - C111
1947154-63.2	BS21.3 VFT - Grey With Multicolour Flakes - C111
1947154-64	BS22.1 Wall Paper Grey With Brown Streak - C207C
1947154-65	BS22.2 Wall Paper Grey With Brown Streak - C207C
1947154-66	BS22.3 Wall Paper Grey With Brown Streak - C207C
1947154-67	BS23.1 Brick Mortar - C01B
1947154-68	BS23.2 Brick Mortar - C01B
1947154-69	BS23.3 Brick Mortar - C01B
1947154-70.1	BS24.1 VFT - Brown Camo With Grey and Black Flakes - C111A
1947154-70.2	BS24.1 VFT - Brown Camo With Grey and Black Flakes - C111A
1947154-71.1	BS24.2 VFT - Brown Camo With Grey and Black Flakes - C111A
1947154-71.2	BS24.2 VFT - Brown Camo With Grey and Black Flakes - C111A
1947154-72.1	BS24.3 VFT - Brown Camo With Grey and Black Flakes - C111A
1947154-72.2	BS24.3 VFT - Brown Camo With Grey and Black Flakes - C111A
1947154-73.1	BS25.1 VFT - Offwhite With Multicolour Flakes - C111
1947154-73.2	BS25.1 VFT - Offwhite With Multicolour Flakes - C111
1947154-74.1	BS25.2 VFT - Offwhite With Multicolour Flakes - C111

Certificate of Analysis

Report Date: 26-Nov-2019

**Client:** McIntosh Perry Limited (Concord)

Order Date: 18-Nov-2019

**Client PO:**

**Project Description:** Z1920014HZ (Tabaret Hall)

1947154-74.2	BS25.2 VFT - Offwhite With Multicolour Flakes - C111
1947154-75.1	BS25.3 VFT - Offwhite With Multicolour Flakes - C111
1947154-75.2	BS25.3 VFT - Offwhite With Multicolour Flakes - C111
1947154-76	BS26.1 VFT Red With Grey Flakes - L200
1947154-77	BS26.2 VFT Red With Grey Flakes - L200
1947154-78	BS26.3 VFT Red With Grey Flakes - L200
1947154-79	BS27.1 Wall Paper White - L250
1947154-80	BS27.2 Wall Paper White - L250
1947154-81	BS27.3 Wall Paper White - L250
1947154-82	BS28.1 Firestop - L242
1947154-83	BS28.2 Firestop - L242
1947154-84	BS28.3 Firestop - L242
1947154-85	BS29.1 SCT 2" x 2" - Pinholes With Large Fissures - L056
1947154-86	BS29.2 SCT 2" x 2" - Pinholes With Large Fissures - L056
1947154-87	BS29.3 SCT 2" x 2" - Pinholes With Large Fissures - L056
1947154-88	BS30.1 SCT 2" x 4" - Pinholes With Large Fissures - W009
1947154-89	BS30.2 SCT 2" x 4" - Pinholes With Large Fissures - W33A
1947154-90	BS30.3 SCT 2" x 4" - Pinholes With Large Fissures - M282
1947154-91.1	BS31.1 Brick Mortar - AHIC
1947154-91.2	BS31.1 Brick Mortar - AHIC
1947154-92.1	BS31.2 Brick Mortar - AHIC
1947154-92.2	BS31.2 Brick Mortar - AHIC
1947154-93.1	BS31.3 Brick Mortar - AHIC
1947154-93.2	BS31.3 Brick Mortar - AHIC
1947154-94.1	BS32.1 VFT Beige With Brown Streaks - Attic Corridor
1947154-94.2	BS32.1 VFT Beige With Brown Streaks - Attic Corridor
1947154-95.1	BS32.2 VFT Beige With Brown Streaks - Attic Corridor
1947154-95.2	BS32.2 VFT Beige With Brown Streaks - Attic Corridor
1947154-96.1	BS32.3 VFT Beige With Brown Streaks - Attic Corridor
1947154-96.2	BS32.3 VFT Beige With Brown Streaks - Attic Corridor
1947154-97.1	BS33.1 VFT Offwhite With Multicolour Streaks - Attic
1947154-97.2	BS33.1 VFT Offwhite With Multicolour Streaks - Attic
1947154-98.1	BS33.2 VFT Offwhite With Multicolour Streaks - Attic
1947154-98.2	BS33.2 VFT Offwhite With Multicolour Streaks - Attic
1947154-99.1	BS33.3 VFT Offwhite With Multicolour Streaks - Attic
1947154-99.2	BS33.3 VFT Offwhite With Multicolour Streaks - Attic
1947154-AA.1	BS34.1 VFT Beige With Brown Spots and Streaks - Attic
1947154-AA.2	BS34.1 VFT Beige With Brown Spots and Streaks - Attic
1947154-AB.1	BS34.2 VFT Beige With Brown Spots and Streaks - Attic
1947154-AB.2	BS34.2 VFT Beige With Brown Spots and Streaks - Attic
1947154-AC.1	BS34.3 VFT Beige With Brown Spots and Streaks - Attic
1947154-AC.2	BS34.3 VFT Beige With Brown Spots and Streaks - Attic
1947154-AD	BS35.1 Window Caulking - Chappel Balcony
1947154-AE	BS35.2 Window Caulking - Chappel Balcony

## Certificate of Analysis

Report Date: 26-Nov-2019

Client: McIntosh Perry Limited (Concord)

Order Date: 18-Nov-2019

## Client PO:

Project Description: Z1920014HZ (Tabaret Hall)

1947154-AF	BS35.3 Window Caulking - Chappel Balcony
1947154-AG	BS36.1 Tar Flooring - Chappel Balcony
1947154-AH	BS36.2 Tar Flooring - Chappel Balcony
1947154-AI	BS36.3 Tar Flooring - Chappel Balcony
1947154-AJ	BS37.1 SCT - 2" x 4" - Square Pattern With Pinholes- C219A
1947154-AK	BS37.2 SCT - 2" x 4" - Square Pattern With Pinholes- C219A
1947154-AL	BS37.3 SCT - 2" x 4" - Square Pattern With Pinholes- C219A
1947154-AM	BS38.1 SCT - 2" x 2" - Pinhole With Texture - C216
1947154-AN	BS38.2 SCT - 2" x 2" - Pinhole With Texture - C216
1947154-AO	BS38.3 SCT - 2" x 2" - Pinhole With Texture - C216
1947154-AP	BS39.1 Walltile Grout - W210 Men's W/R
1947154-AQ	BS39.2 Walltile Grout - W210 Men's W/R
1947154-AR	BS39.3 Walltile Grout - W210 Men's W/R
1947154-AS	BS40.1 Drywall Joint Compound
1947154-AT	BS40.2 Drywall Joint Compound
1947154-AU	BS40.3 Drywall Joint Compound
1947154-AV	BS40.4 Drywall Joint Compound
1947154-AW	BS40.5 Drywall Joint Compound
1947154-AX	BS40.6 Drywall Joint Compound
1947154-AY	BS40.7 Drywall Joint Compound
1947154-AZ	BS40.8 Drywall Joint Compound
1947154-BA	BS40.9 Drywall Joint Compound
1947154-BB	BS40.10 Drywall Joint Compound
1947154-BC	BS40.11 Drywall Joint Compound

Certificate of Analysis

Report Date: 26-Nov-2019

Client: McIntosh Perry Limited (Concord)

Order Date: 18-Nov-2019

Client PO:

Project Description: Z1920014HZ (Tabaret Hall)

**Asbestos, PLM Visual Estimation \*\*MDL - 0.5%\*\***

Parcel ID	Sample Date	Colour	Description	Asbestos Detected	Material Identification	% Content
1947154-01.1	18-Nov-19	Beige	Vinyl Floor Tile	No	Client ID: BS1.1 VFT Beige With Black Dots - L012	
					Non-Fibers	100
1947154-01.2	18-Nov-19				Client ID: BS1.1 VFT Beige With Black Dots - L012	
					[Z-01]	
					not analyzed	
1947154-02.1	18-Nov-19	Beige	Vinyl Floor Tile	No	Client ID: BS1.2 VFT Beige With Black Dots - L012	
					Non-Fibers	100
1947154-02.2	18-Nov-19	Black	Mastic	No	Client ID: BS1.2 VFT Beige With Black Dots - L012	
					Non-Fibers	100
1947154-03.1	18-Nov-19	Beige	Vinyl Floor Tile	No	Client ID: BS1.3 VFT Beige With Black Dots - L012	
					Non-Fibers	100
1947154-03.2	18-Nov-19	Black	Mastic	No	Client ID: BS1.3 VFT Beige With Black Dots - L012	
					Non-Fibers	100
1947154-04.1	18-Nov-19	Grey	Vinyl Floor Tile	No	Client ID: BS2.1 VFT Grey With Black Dots - W1032	
					Non-Fibers	100
1947154-04.2	18-Nov-19				Client ID: BS2.1 VFT Grey With Black Dots - W1032	
					[Z-01a]	
					not analyzed	
1947154-05.1	18-Nov-19	Grey	Vinyl Floor Tile	No	Client ID: BS2.2 VFT Grey With Black Dots - W1032	
					Non-Fibers	100
1947154-05.2	18-Nov-19	Yellow	Mastic	No	Client ID: BS2.2 VFT Grey With Black Dots - W1032	
					Non-Fibers	100
1947154-06.1	18-Nov-19	Grey	Vinyl Floor Tile	No	Client ID: BS2.3 VFT Grey With Black Dots - W1032	
					Non-Fibers	100
1947154-06.2	18-Nov-19				Client ID: BS2.3 VFT Grey With Black Dots - W1032	
					[Z-01a]	
					not analyzed	

Certificate of Analysis

Report Date: 26-Nov-2019

Client: McIntosh Perry Limited (Concord)

Order Date: 18-Nov-2019

Client PO:

Project Description: Z1920014HZ (Tabaret Hall)

**Asbestos, PLM Visual Estimation \*\*MDL - 0.5%\*\***

Parcel ID	Sample Date	Colour	Description	Asbestos Detected	Material Identification	% Content
1947154-07.1	18-Nov-19	Beige	Vinyl Floor Tile	No	Client ID: BS3.1 VFT Grey With Beige and Blue Flakes - M153	
					Non-Fibers	100
1947154-07.2	18-Nov-19	Yellow	Mastic	No	Client ID: BS3.1 VFT Grey With Beige and Blue Flakes - M153	
					Non-Fibers	100
1947154-08.1	18-Nov-19	Beige	Vinyl Floor Tile	No	Client ID: BS3.2 VFT Grey With Beige and Blue Flakes - M153	
					Non-Fibers	100
1947154-08.2	18-Nov-19	Yellow	Mastic	No	Client ID: BS3.2 VFT Grey With Beige and Blue Flakes - M153	
					Non-Fibers	100
1947154-09.1	18-Nov-19	Beige	Vinyl Floor Tile	No	Client ID: BS3.3 VFT Grey With Beige and Blue Flakes - M153	
					Non-Fibers	100
1947154-09.2	18-Nov-19	Yellow	Mastic	No	Client ID: BS3.3 VFT Grey With Beige and Blue Flakes - M153	
					Non-Fibers	100
1947154-10.1	18-Nov-19	Off-white	Vinyl Floor Tile	No	Client ID: BS4.1 VFT Off White With Blue Flakes - M153	
					Non-Fibers	100
1947154-10.2	18-Nov-19				Client ID: BS4.1 VFT Off White With Blue Flakes - M153	
					not analyzed	(Z-01a)
1947154-11.1	18-Nov-19	Off-white	Vinyl Floor Tile	No	Client ID: BS4.2 VFT Off White With Blue Flakes - M153	
					Non-Fibers	100
1947154-11.2	18-Nov-19	Yellow	Mastic	No	Client ID: BS4.2 VFT Off White With Blue Flakes - M153	
					Non-Fibers	100
1947154-12.1	18-Nov-19	Off-white	Vinyl Floor Tile	No	Client ID: BS4.3 VFT Off White With Blue Flakes - M153	
					Non-Fibers	100
1947154-12.2	18-Nov-19				Client ID: BS4.3 VFT Off White With Blue Flakes - M153	
					not analyzed	(Z-01a)

Certificate of Analysis

Report Date: 26-Nov-2019

Client: McIntosh Perry Limited (Concord)

Order Date: 18-Nov-2019

Client PO:

Project Description: Z1920014HZ (Tabaret Hall)

**Asbestos, PLM Visual Estimation    \*\*MDL - 0.5%\*\***

Parcel ID	Sample Date	Colour	Description	Asbestos Detected	Material Identification	% Content
1947154-13.1	18-Nov-19	Brown	Vinyl Floor Tile	No	Client ID: BS5.1 VFT Brown With Multicolour Flakes - C111	
					Non-Fibers	100
1947154-13.2	18-Nov-19	Yellow	Mastic	No	Client ID: BS5.1 VFT Brown With Multicolour Flakes - C111	
					Non-Fibers	100
1947154-14.1	18-Nov-19	Brown	Vinyl Floor Tile	No	Client ID: BS5.2 VFT Brown With Multicolour Flakes - C111	
					Non-Fibers	100
1947154-14.2	18-Nov-19	Yellow	Mastic	No	Client ID: BS5.2 VFT Brown With Multicolour Flakes - C111	
					Non-Fibers	100
1947154-15.1	18-Nov-19	Brown	Vinyl Floor Tile	No	Client ID: BS5.3 VFT Brown With Multicolour Flakes - C111	
					Non-Fibers	100
1947154-15.2	18-Nov-19	Yellow	Mastic	No	Client ID: BS5.3 VFT Brown With Multicolour Flakes - C111	
					Non-Fibers	100
1947154-16.1	18-Nov-19	Blue	Vinyl Floor Tile	No	Client ID: BS6.1 VFT Light Blue With Grey Flakes - M155	
					Non-Fibers	100
1947154-16.2	18-Nov-19	Brown	Mastic	No	Client ID: BS6.1 VFT Light Blue With Grey Flakes - M155	
					Non-Fibers	100
1947154-17.1	18-Nov-19	Blue	Vinyl Floor Tile	No	Client ID: BS6.2 VFT Light Blue With Grey Flakes - M155	
					Non-Fibers	100
1947154-17.2	18-Nov-19	Brown	Mastic	No	Client ID: BS6.2 VFT Light Blue With Grey Flakes - M155	
					Non-Fibers	100
1947154-18.1	18-Nov-19	Blue	Vinyl Floor Tile	No	Client ID: BS6.3 VFT Light Blue With Grey Flakes - M155	
					Non-Fibers	100
1947154-18.2	18-Nov-19				Client ID: BS6.3 VFT Light Blue With Grey Flakes - M155	
					not analyzed	(Z-01a)

Certificate of Analysis

Client: McIntosh Perry Limited (Concord)

Client PO:

Report Date: 26-Nov-2019

Order Date: 18-Nov-2019

Project Description: Z1920014HZ (Tabaret Hall)

**Asbestos, PLM Visual Estimation \*\*MDL - 0.5%\*\***

Parcel ID	Sample Date	Colour	Description	Asbestos Detected	Material Identification	% Content
1947154-19	18-Nov-19	Beige	Vinyl Floor Tile	No	Client ID: BS7.1 VFT Beige Camo With Grey Streaks - 4th Floor M418 Hallway	
					Non-Fibers	100
1947154-20	18-Nov-19	Beige	Vinyl Floor Tile	No	Client ID: BS7.2 VFT Beige Camo With Grey Streaks - 4th Floor M418 Hallway	
					Non-Fibers	100
1947154-21	18-Nov-19	Beige	Vinyl Floor Tile	No	Client ID: BS7.3 VFT Beige Camo With Grey Streaks - 4th Floor M418 Hallway	
					Non-Fibers	100
1947154-22	18-Nov-19	Black	Caulking	Yes	Client ID: BS8.1 VFT Interior Window Caulking	
					Chrysotile	1
					Non-Fibers	99
1947154-23	18-Nov-19				Client ID: BS8.2 VFT Interior Window Caulking	
					not analyzed	
1947154-24	18-Nov-19				Client ID: BS8.3 VFT Interior Window Caulking	
					not analyzed	
1947154-25.1	18-Nov-19	Off-white	Vinyl Floor Tile	No	Client ID: BS9.1 VFT Off White With Small Grey Streaks - N0122B	
					Non-Fibers	100
1947154-25.2	18-Nov-19				Client ID: BS9.1 VFT Off White With Small Grey Streaks - N0122B	
					not analyzed	[Z-01a]
1947154-26.1	18-Nov-19	Off-white	Vinyl Floor Tile	No	Client ID: BS9.2 VFT Off White With Small Grey Streaks - N0122B	
					Non-Fibers	100
1947154-26.2	18-Nov-19				Client ID: BS9.2 VFT Off White With Small Grey Streaks - N0122B	
					not analyzed	[Z-01a]
1947154-27.1	18-Nov-19	Off-white	Vinyl Floor Tile	No	Client ID: BS9.3 VFT Off White With Small Grey Streaks - N0122B	
					Non-Fibers	100
1947154-27.2	18-Nov-19	Black	Mastic	No	Client ID: BS9.3 VFT Off White With Small Grey Streaks - N0122B	
					Non-Fibers	100



Certificate of Analysis

Report Date: 26-Nov-2019

Client: McIntosh Perry Limited (Concord)

Order Date: 18-Nov-2019

Client PO:

Project Description: Z1920014HZ (Tabaret Hall)

**Asbestos, PLM Visual Estimation    \*\*MDL - 0.5%\*\***

Parcel ID	Sample Date	Colour	Description	Asbestos Detected	Material Identification	% Content
1947154-28.1	18-Nov-19	Brown	Vinyl Floor Tile	No	Client ID: BS10.1 VFT Brown With White Streaks - N0019 Stairs	
					Non-Fibers	100
1947154-28.2	18-Nov-19	Black	Mastic	No	Client ID: BS10.1 VFT Brown With White Streaks - N0019 Stairs	
					Non-Fibers	100
1947154-29.1	18-Nov-19	Brown	Vinyl Floor Tile	No	Client ID: BS10.2 VFT Brown With White Streaks - N0019 Stairs	
					Non-Fibers	100
1947154-29.2	18-Nov-19	Black	Mastic	No	Client ID: BS10.2 VFT Brown With White Streaks - N0019 Stairs	
					Non-Fibers	100
1947154-30.1	18-Nov-19	Brown	Vinyl Floor Tile	No	Client ID: BS10.3 VFT Brown With White Streaks - N0019 Stairs	
					Non-Fibers	100
1947154-30.2	18-Nov-19	Black	Mastic	No	Client ID: BS10.3 VFT Brown With White Streaks - N0019 Stairs	
					Non-Fibers	100
1947154-31	18-Nov-19	Grey	Mortar	No	Client ID: BS11.1 Concrete Block Mortar - N0026 Caged Storage Area	
					Non-Fibers	100
1947154-32	18-Nov-19	Grey	Mortar	No	Client ID: BS11.2 Concrete Block Mortar - N0026 Caged Storage Area	
					Non-Fibers	100
1947154-33	18-Nov-19	Grey	Mortar	No	Client ID: BS11.3 Concrete Block Mortar - N0026 Caged Storage Area	
					Non-Fibers	100
1947154-34	18-Nov-19	Blue	Vinyl Floor Tile	No	Client ID: BS12.1 VFT Blue With Grey and White Streaks W030A	
					Non-Fibers	100
1947154-35	18-Nov-19	Blue	Vinyl Floor Tile	No	Client ID: BS12.2 VFT Blue With Grey and White Streaks W030A	
					Non-Fibers	100
1947154-36	18-Nov-19	Blue	Vinyl Floor Tile	No	Client ID: BS12.3 VFT Blue With Grey and White Streaks W030A	
					Non-Fibers	100

Certificate of Analysis

Report Date: 26-Nov-2019

Client: McIntosh Perry Limited (Concord)

Order Date: 18-Nov-2019

Client PO:

Project Description: Z1920014HZ (Tabaret Hall)

**Asbestos, PLM Visual Estimation    \*\*MDL - 0.5%\*\***

Parcel ID	Sample Date	Colour	Description	Asbestos Detected	Material Identification	% Content
1947154-37.1	18-Nov-19	Blue	Vinyl Floor Tile	No	Client ID: BS13.1 VFT Light Blue With Black Dots - W030B	
					Non-Fibers	100
1947154-37.2	18-Nov-19	Black	Mastic	No	Client ID: BS13.1 VFT Light Blue With Black Dots - W030B	
					Non-Fibers	100
1947154-38.1	18-Nov-19	Blue	Vinyl Floor Tile	No	Client ID: BS13.2 VFT Light Blue With Black Dots - W030B	
					Non-Fibers	100
1947154-38.2	18-Nov-19	Black	Mastic	No	Client ID: BS13.2 VFT Light Blue With Black Dots - W030B	
					Non-Fibers	100
1947154-39.1	18-Nov-19	Blue	Vinyl Floor Tile	No	Client ID: BS13.3 VFT Light Blue With Black Dots - W030B	
					Non-Fibers	100
1947154-39.2	18-Nov-19	Black	Mastic	No	Client ID: BS13.3 VFT Light Blue With Black Dots - W030B	
					Non-Fibers	100
1947154-40.1	18-Nov-19	Beige	Vinyl Floor Tile	Yes	Client ID: BS14.1 VFT Beige With Brown Streaks - W0037	[AS-PT]
					Chrysotile	0.5
					Non-Fibers	99.5
1947154-40.2	18-Nov-19	Black	Mastic	No	Client ID: BS14.1 VFT Beige With Brown Streaks - W0037	
					Non-Fibers	100
1947154-41.1	18-Nov-19				Client ID: BS14.2 VFT Beige With Brown Streaks - W0037	
					not analyzed	
1947154-41.2	18-Nov-19	Black	Mastic	No	Client ID: BS14.2 VFT Beige With Brown Streaks - W0037	
					Non-Fibers	100
1947154-42.1	18-Nov-19				Client ID: BS14.3 VFT Beige With Brown Streaks - W0037	
					not analyzed	
1947154-42.2	18-Nov-19	Black	Mastic	No	Client ID: BS14.3 VFT Beige With Brown Streaks - W0037	
					Non-Fibers	100

Certificate of Analysis

Report Date: 26-Nov-2019

Client: McIntosh Perry Limited (Concord)

Order Date: 18-Nov-2019

Client PO:

Project Description: Z1920014HZ (Tabaret Hall)

**Asbestos, PLM Visual Estimation    \*\*MDL - 0.5%\*\***

Parcel ID	Sample Date	Colour	Description	Asbestos Detected	Material Identification	% Content
1947154-43	18-Nov-19	White	Parging Compound	Yes	Client ID: BS15.1 Parging Compound On Foam Pipe Straight - W335 Chrysotile Non-Fibers	3 97
1947154-44	18-Nov-19				Client ID: BS15.2 Parging Compound On Foam Pipe Straight - W335 not analyzed	
1947154-45	18-Nov-19				Client ID: BS15.3 Parging Compound On Foam Pipe Straight - W335 not analyzed	
1947154-46	18-Nov-19	Beige	Wallpaper	No	Client ID: BS16.1 Wallpaper Beige - C303 Non-Fibers	[Z-01c] 100
1947154-47	18-Nov-19	Beige	Wallpaper	No	Client ID: BS16.2 Wallpaper Beige - C303 Non-Fibers	[Z-01c] 100
1947154-48	18-Nov-19	Beige	Wallpaper	No	Client ID: BS16.3 Wallpaper Beige - C303 Non-Fibers	[Z-01c] 100
1947154-49	18-Nov-19	Beige	Wallpaper	No	Client ID: BS17.1 Wallpaper Textured - C216 Cellulose Non-Fibers	 30 70
1947154-50	18-Nov-19	Beige	Wallpaper	No	Client ID: BS17.2 Wallpaper Textured - C216 Cellulose Non-Fibers	 30 70
1947154-51	18-Nov-19	Beige	Wallpaper	No	Client ID: BS17.3 Wallpaper Textured - C216 Cellulose Non-Fibers	 30 70
1947154-52.1	18-Nov-19	Green	Vinyl Floor Tile	No	Client ID: BS18.1 VFT - Light Green With Multicolour Flakes - C111 Non-Fibers	 100

Certificate of Analysis

Report Date: 26-Nov-2019

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Order Date: 18-Nov-2019

Client PO:

Project Description: Z1920014HZ (Tabaret Hall)

**Asbestos, PLM Visual Estimation    \*\*MDL - 0.5%\*\***

Parcel ID	Sample Date	Colour	Description	Asbestos Detected	Material Identification	% Content
1947154-52.2	18-Nov-19				Client ID: BS18.1 VFT - Light Green With Multicolour Flakes - C111 not analyzed	[Z-01]
1947154-53.1	18-Nov-19	Green	Vinyl Floor Tile	No	Client ID: BS18.2 VFT - Light Green With Multicolour Flakes - C111 Non-Fibers	100
1947154-53.2	18-Nov-19	Yellow	Mastic	No	Client ID: BS18.2 VFT - Light Green With Multicolour Flakes - C111 Non-Fibers	100
1947154-54.1	18-Nov-19	Green	Vinyl Floor Tile	No	Client ID: BS18.3 VFT - Light Green With Multicolour Flakes - C111 Non-Fibers	100
1947154-54.2	18-Nov-19	Yellow	Mastic	No	Client ID: BS18.3 VFT - Light Green With Multicolour Flakes - C111 Non-Fibers	100
1947154-55	18-Nov-19	Grey	Leveling Compound	No	Client ID: BS19.1 Floor Levelling Compound - C217D Non-Fibers	100
1947154-56	18-Nov-19	Grey	Leveling Compound	No	Client ID: BS19.2 Floor Levelling Compound - C217D Non-Fibers	100
1947154-57	18-Nov-19	Grey	Leveling Compound	No	Client ID: BS19.3 Floor Levelling Compound - C217D Non-Fibers	100
1947154-58	18-Nov-19	Beige	Vinyl Sheet Flooring	No	Client ID: BS20.1 VSF Terrazo Mosaic Pattern Beige - C217D Cellulose MMVF Non-Fibers	20 5 75
1947154-59	18-Nov-19	Beige	Vinyl Sheet Flooring	No	Client ID: BS20.2 VSF Terrazo Mosaic Pattern Beige - C217D Cellulose MMVF Non-Fibers	20 5 75

Certificate of Analysis

Report Date: 26-Nov-2019

Client: McIntosh Perry Limited (Concord)

Order Date: 18-Nov-2019

Client PO:

Project Description: Z1920014HZ (Tabaret Hall)

**Asbestos, PLM Visual Estimation \*\*MDL - 0.5%\*\***

Parcel ID	Sample Date	Colour	Description	Asbestos Detected	Material Identification	% Content
1947154-60	18-Nov-19	Beige	Vinyl Sheet Flooring	No	<b>Client ID: BS20.3 VSF Terrazo Mosaic Pattern Beige - C217D</b>	
					Cellulose	20
					MMVF	5
					Non-Fibers	75
1947154-61.1	18-Nov-19	Grey	Vinyl Floor Tile	No	<b>Client ID: BS21.1 VFT - Grey With Multicolour Flakes - C111</b>	
					Non-Fibers	100
1947154-61.2	18-Nov-19	Yellow	Mastic	No	<b>Client ID: BS21.1 VFT - Grey With Multicolour Flakes - C111</b>	
					Non-Fibers	100
1947154-62.1	18-Nov-19	Grey	Vinyl Floor Tile	No	<b>Client ID: BS21.2 VFT - Grey With Multicolour Flakes - C111</b>	
					Non-Fibers	100
1947154-62.2	18-Nov-19	Yellow	Mastic	No	<b>Client ID: BS21.2 VFT - Grey With Multicolour Flakes - C111</b>	
					Non-Fibers	100
1947154-63.1	18-Nov-19	Grey	Vinyl Floor Tile	No	<b>Client ID: BS21.3 VFT - Grey With Multicolour Flakes - C111</b>	
					Non-Fibers	100
1947154-63.2	18-Nov-19	Yellow	Mastic	No	<b>Client ID: BS21.3 VFT - Grey With Multicolour Flakes - C111</b>	
					Non-Fibers	100
1947154-64	18-Nov-19	Grey	Wallpaper	No	<b>Client ID: BS22.1 Wall Paper Grey With Brown Streak - C207C</b>	
					Cellulose	20
					Non-Fibers	80
1947154-65	18-Nov-19	Grey	Wallpaper	No	<b>Client ID: BS22.2 Wall Paper Grey With Brown Streak - C207C</b>	
					Cellulose	20
					Non-Fibers	80
1947154-66	18-Nov-19	Grey	Wallpaper	No	<b>Client ID: BS22.3 Wall Paper Grey With Brown Streak - C207C</b>	
					Cellulose	20
					Non-Fibers	80

Certificate of Analysis

Report Date: 26-Nov-2019

Client: McIntosh Perry Limited (Concord)

Order Date: 18-Nov-2019

Client PO:

Project Description: Z1920014HZ (Tabaret Hall)

**Asbestos, PLM Visual Estimation    \*\*MDL - 0.5%\*\***

Parcel ID	Sample Date	Colour	Description	Asbestos Detected	Material Identification	% Content
1947154-67	18-Nov-19	Grey	Mortar	No	Client ID: BS23.1 Brick Mortar - C01B	
					Non-Fibers	100
1947154-68	18-Nov-19	Grey	Mortar	No	Client ID: BS23.2 Brick Mortar - C01B	
					Non-Fibers	100
1947154-69	18-Nov-19	Grey	Mortar	No	Client ID: BS23.3 Brick Mortar - C01B	
					Non-Fibers	100
1947154-70.1	18-Nov-19	Brown	Vinyl Floor Tile	No	Client ID: BS24.1 VFT - Brown Camo With Grey and Black Flakes - C111A	
					Non-Fibers	100
1947154-70.2	18-Nov-19	Yellow	Mastic	No	Client ID: BS24.1 VFT - Brown Camo With Grey and Black Flakes - C111A	
					Non-Fibers	100
1947154-71.1	18-Nov-19	Brown	Vinyl Floor Tile	No	Client ID: BS24.2 VFT - Brown Camo With Grey and Black Flakes - C111A	
					Non-Fibers	100
1947154-71.2	18-Nov-19	Yellow	Mastic	No	Client ID: BS24.2 VFT - Brown Camo With Grey and Black Flakes - C111A	
					Non-Fibers	100
1947154-72.1	18-Nov-19	Brown	Vinyl Floor Tile	No	Client ID: BS24.3 VFT - Brown Camo With Grey and Black Flakes - C111A	
					Non-Fibers	100
1947154-72.2	18-Nov-19	Yellow	Mastic	No	Client ID: BS24.3 VFT - Brown Camo With Grey and Black Flakes - C111A	
					Non-Fibers	100
1947154-73.1	18-Nov-19	Off-white	Vinyl Floor Tile	No	Client ID: BS25.1 VFT - Offwhite With Multicolour Flakes - C111	
					Non-Fibers	100
1947154-73.2	18-Nov-19	Yellow	Mastic	No	Client ID: BS25.1 VFT - Offwhite With Multicolour Flakes - C111	
					Non-Fibers	100
1947154-74.1	18-Nov-19	Off-white	Vinyl Floor Tile	No	Client ID: BS25.2 VFT - Offwhite With Multicolour Flakes - C111	
					Non-Fibers	100

Certificate of Analysis

Report Date: 26-Nov-2019

Client: McIntosh Perry Limited (Concord)

Order Date: 18-Nov-2019

Client PO:

Project Description: Z1920014HZ (Tabaret Hall)

**Asbestos, PLM Visual Estimation \*\*MDL - 0.5%\*\***

Parcel ID	Sample Date	Colour	Description	Asbestos Detected	Material Identification	% Content
1947154-74.2	18-Nov-19				Client ID: BS25.2 VFT - Offwhite With Multicolour Flakes - C111 not analyzed	[Z-01a]
1947154-75.1	18-Nov-19	Off-white	Vinyl Floor Tile	No	Client ID: BS25.3 VFT - Offwhite With Multicolour Flakes - C111 Non-Fibers	100
1947154-75.2	18-Nov-19				Client ID: BS25.3 VFT - Offwhite With Multicolour Flakes - C111 not analyzed	[Z-01a]
1947154-76	18-Nov-19	Red	Vinyl Floor Tile	No	Client ID: BS26.1 VFT Red With Grey Flakes - L200 Non-Fibers	100
1947154-77	18-Nov-19	Red	Vinyl Floor Tile	No	Client ID: BS26.2 VFT Red With Grey Flakes - L200 Non-Fibers	100
1947154-78	18-Nov-19	Red	Vinyl Floor Tile	No	Client ID: BS26.3 VFT Red With Grey Flakes - L200 Non-Fibers	100
1947154-79	18-Nov-19	White	Wallpaper	No	Client ID: BS27.1 Wall Paper White - L250 Cellulose Non-Fibers	10 90
1947154-80	18-Nov-19	White	Wallpaper	No	Client ID: BS27.2 Wall Paper White - L250 Cellulose Non-Fibers	10 90
1947154-81	18-Nov-19	White	Wallpaper	No	Client ID: BS27.3 Wall Paper White - L250 Cellulose Non-Fibers	40 60
1947154-82	18-Nov-19	Red	Firestop	No	Client ID: BS28.1 Firestop - L242 Non-Fibers	100
1947154-83	18-Nov-19	Red	Firestop	No	Client ID: BS28.2 Firestop - L242 Non-Fibers	100

Certificate of Analysis

Report Date: 26-Nov-2019

Client: McIntosh Perry Limited (Concord)

Order Date: 18-Nov-2019

Client PO:

Project Description: Z1920014HZ (Tabaret Hall)

**Asbestos, PLM Visual Estimation \*\*MDL - 0.5%\*\***

Parcel ID	Sample Date	Colour	Description	Asbestos Detected	Material Identification	% Content
1947154-84	18-Nov-19	Red	Firestop	No	Client ID: BS28.3 Firestop - L242	
					Non-Fibers	100
1947154-85	18-Nov-19	Grey	Ceiling Tile	Yes	Client ID: BS29.1 SCT 2" x 2" - Pinholes With Large Fissures - L056	
					Chrysotile	1
					Cellulose	40
					MMVF	30
					Non-Fibers	29
1947154-86	18-Nov-19				Client ID: BS29.2 SCT 2" x 2" - Pinholes With Large Fissures - L056	
					not analyzed	
1947154-87	18-Nov-19				Client ID: BS29.3 SCT 2" x 2" - Pinholes With Large Fissures - L056	
					not analyzed	
1947154-88	18-Nov-19	Grey	Ceiling Tile	No	Client ID: BS30.1 SCT 2" x 4" - Pinholes With Large Fissures - W009	
					Cellulose	40
					MMVF	30
					Non-Fibers	20
					Other fibers	10
1947154-89	18-Nov-19	Grey	Ceiling Tile	No	Client ID: BS30.2 SCT 2" x 4" - Pinholes With Large Fissures - W33A	
					Cellulose	40
					MMVF	30
					Non-Fibers	20
					Other fibers	10
1947154-90	18-Nov-19	Grey	Ceiling Tile	No	Client ID: BS30.3 SCT 2" x 4" - Pinholes With Large Fissures - M282	
					Cellulose	40
					MMVF	30
					Non-Fibers	20
					Other fibers	10



Certificate of Analysis

Report Date: 26-Nov-2019

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Project Description: Z1920014HZ (Tabaret Hall)

**Asbestos, PLM Visual Estimation \*\*MDL - 0.5%\*\***

Parcel ID	Sample Date	Colour	Description	Asbestos Detected	Material Identification	% Content
1947154-91.1	18-Nov-19	Grey	Mortar	Yes	Client ID: BS31.1 Brick Mortar - AHIC	
					Chrysotile	1
					Non-Fibers	99
1947154-91.2	18-Nov-19	Red	Brick	No	Client ID: BS31.1 Brick Mortar - AHIC	
					Non-Fibers	100
1947154-92.1	18-Nov-19				Client ID: BS31.2 Brick Mortar - AHIC	
					not analyzed	
1947154-92.2	18-Nov-19				Client ID: BS31.2 Brick Mortar - AHIC	
					[Z-01a]	
1947154-93.1	18-Nov-19				Client ID: BS31.3 Brick Mortar - AHIC	
					not analyzed	
1947154-93.2	18-Nov-19				Client ID: BS31.3 Brick Mortar - AHIC	
					[Z-01a]	
1947154-94.1	18-Nov-19	Beige	Vinyl Floor Tile	Yes	Client ID: BS32.1 VFT Beige With Brown Streaks - Attic Corridor	
					Chrysotile	1
					Non-Fibers	99
1947154-94.2	18-Nov-19	Black	Mastic	No	Client ID: BS32.1 VFT Beige With Brown Streaks - Attic Corridor	
					Non-Fibers	100
1947154-95.1	18-Nov-19				Client ID: BS32.2 VFT Beige With Brown Streaks - Attic Corridor	
					not analyzed	
1947154-95.2	18-Nov-19	Black	Mastic	No	Client ID: BS32.2 VFT Beige With Brown Streaks - Attic Corridor	
					Non-Fibers	100
1947154-96.1	18-Nov-19				Client ID: BS32.3 VFT Beige With Brown Streaks - Attic Corridor	
					not analyzed	

Certificate of Analysis

Report Date: 26-Nov-2019

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Order Date: 18-Nov-2019

Client PO:

Project Description: Z1920014HZ (Tabaret Hall)

**Asbestos, PLM Visual Estimation \*\*MDL - 0.5%\*\***

Parcel ID	Sample Date	Colour	Description	Asbestos Detected	Material Identification	% Content
1947154-96.2	18-Nov-19	Black	Mastic	No	Client ID: BS32.3 VFT Beige With Brown Streaks - Attic Corridor	
					Non-Fibers	100
1947154-97.1	18-Nov-19	Off-white	Vinyl Floor Tile	No	Client ID: BS33.1 VFT Offwhite With Multicolour Streaks - Attic	
					Non-Fibers	100
1947154-97.2	18-Nov-19	Black	Mastic	No	Client ID: BS33.1 VFT Offwhite With Multicolour Streaks - Attic	
					Non-Fibers	100
1947154-98.1	18-Nov-19	Off-white	Vinyl Floor Tile	No	Client ID: BS33.2 VFT Offwhite With Multicolour Streaks - Attic	
					Non-Fibers	100
1947154-98.2	18-Nov-19	Black	Mastic	No	Client ID: BS33.2 VFT Offwhite With Multicolour Streaks - Attic	
					Non-Fibers	100
1947154-99.1	18-Nov-19	Off-white	Vinyl Floor Tile	No	Client ID: BS33.3 VFT Offwhite With Multicolour Streaks - Attic	
					Non-Fibers	100
1947154-99.2	18-Nov-19	Black	Mastic	No	Client ID: BS33.3 VFT Offwhite With Multicolour Streaks - Attic	
					Non-Fibers	100
1947154-AA.1	18-Nov-19	Beige	Vinyl Floor Tile	No	Client ID: BS34.1 VFT Beige With Brown Spots and Streaks - Attic	
					Non-Fibers	100
1947154-AA.2	18-Nov-19	Black	Mastic	No	Client ID: BS34.1 VFT Beige With Brown Spots and Streaks - Attic	
					Non-Fibers	100
1947154-AB.1	18-Nov-19	Beige	Vinyl Floor Tile	No	Client ID: BS34.2 VFT Beige With Brown Spots and Streaks - Attic	
					Non-Fibers	100
1947154-AB.2	18-Nov-19	Black	Mastic	No	Client ID: BS34.2 VFT Beige With Brown Spots and Streaks - Attic	
					Non-Fibers	100
1947154-AC.1	18-Nov-19	Beige	Vinyl Floor Tile	No	Client ID: BS34.3 VFT Beige With Brown Spots and Streaks - Attic	
					Non-Fibers	100

Certificate of Analysis

Report Date: 26-Nov-2019

Client: McIntosh Perry Limited (Concord)

Order Date: 18-Nov-2019

Client PO:

Project Description: Z1920014HZ (Tabaret Hall)

**Asbestos, PLM Visual Estimation    \*\*MDL - 0.5%\*\***

Parcel ID	Sample Date	Colour	Description	Asbestos Detected	Material Identification	% Content
1947154-AC.2	18-Nov-19	Black	Mastic	No	Client ID: BS34.3 VFT Beige With Brown Spots and Streaks - Attic	
					Non-Fibers	100
1947154-AD	18-Nov-19	Black	Caulking	Yes	Client ID: BS35.1 Window Caulking - Chappel Balcony	
					Chrysotile	1
					Non-Fibers	94
					Other fibers	5
1947154-AE	18-Nov-19				Client ID: BS35.2 Window Caulking - Chappel Balcony	
					not analyzed	
1947154-AF	18-Nov-19				Client ID: BS35.3 Window Caulking - Chappel Balcony	
					not analyzed	
1947154-AG	18-Nov-19	Black	Tar flooring	No	Client ID: BS36.1 Tar Flooring - Chappel Balcony	
					[AS-PRE]	
					Non-Fibers	100
1947154-AH	18-Nov-19	Black	Tar flooring	No	Client ID: BS36.2 Tar Flooring - Chappel Balcony	
					[AS-PRE]	
					Non-Fibers	100
1947154-AI	18-Nov-19	Black	Tar flooring	No	Client ID: BS36.3 Tar Flooring - Chappel Balcony	
					[AS-PRE]	
					Non-Fibers	100
1947154-AJ	18-Nov-19	Grey	Ceiling Tile	No	Client ID: BS37.1 SCT - 2" x 4" - Square Pattern With Pinholes- C219A	
					Cellulose	40
					MMVF	30
					Non-Fibers	30
1947154-AK	18-Nov-19	Grey	Ceiling Tile	No	Client ID: BS37.2 SCT - 2" x 4" - Square Pattern With Pinholes- C219A	
					Cellulose	40
					MMVF	30
					Non-Fibers	30

Certificate of Analysis

Report Date: 26-Nov-2019

Client: McIntosh Perry Limited (Concord)

Order Date: 18-Nov-2019

Client PO:

Project Description: Z1920014HZ (Tabaret Hall)

**Asbestos, PLM Visual Estimation \*\*MDL - 0.5%\*\***

Parcel ID	Sample Date	Colour	Description	Asbestos Detected	Material Identification	% Content
1947154-AL	18-Nov-19	Grey	Ceiling Tile	No	<b>Client ID: BS37.3 SCT - 2" x 4" - Square Pattern With Pinholes- C219A</b>	
					Cellulose	40
					MMVF	30
					Non-Fibers	30
1947154-AM	18-Nov-19	Grey	Ceiling Tile	No	<b>Client ID: BS38.1 SCT - 2" x 2" - Pinhole With Texture - C216</b>	
					Cellulose	40
					MMVF	30
					Non-Fibers	30
1947154-AN	18-Nov-19	Grey	Ceiling Tile	No	<b>Client ID: BS38.2 SCT - 2" x 2" - Pinhole With Texture - C216</b>	
					Cellulose	40
					MMVF	30
					Non-Fibers	30
1947154-AO	18-Nov-19	Grey	Ceiling Tile	No	<b>Client ID: BS38.3 SCT - 2" x 2" - Pinhole With Texture - C216</b>	
					Cellulose	40
					MMVF	30
					Non-Fibers	30
1947154-AP	18-Nov-19	White	Grout	No	<b>Client ID: BS39.1 Walltile Grout - W210 Men's W/R</b>	
					Non-Fibers	100
1947154-AQ	18-Nov-19	White	Grout	No	<b>Client ID: BS39.2 Walltile Grout - W210 Men's W/R</b>	
					Non-Fibers	100
1947154-AR	18-Nov-19	White	Grout	No	<b>Client ID: BS39.3 Walltile Grout - W210 Men's W/R</b>	
					Non-Fibers	100
1947154-AS	18-Nov-19	Grey	Drywall Joint Compound	No	<b>Client ID: BS40.1 Drywall Joint Compound</b>	
						[Z-01b]
					Cellulose	5
					MMVF	3
					Non-Fibers	92

Certificate of Analysis

Report Date: 26-Nov-2019

Client: McIntosh Perry Limited (Concord)

Order Date: 18-Nov-2019

Client PO:

Project Description: Z1920014HZ (Tabaret Hall)

**Asbestos, PLM Visual Estimation \*\*MDL - 0.5%\*\***

Parcel ID	Sample Date	Colour	Description	Asbestos Detected	Material Identification	% Content
1947154-AT	18-Nov-19	White	Drywall Joint Compound	Yes	Client ID: BS40.2 Drywall Joint Compound	
					Chrysotile	1
					Non-Fibers	99
1947154-AU	18-Nov-19				Client ID: BS40.3 Drywall Joint Compound	
					not analyzed	
1947154-AV	18-Nov-19				Client ID: BS40.4 Drywall Joint Compound	
					not analyzed	
1947154-AW	18-Nov-19				Client ID: BS40.5 Drywall Joint Compound	
					not analyzed	
1947154-AX	18-Nov-19				Client ID: BS40.6 Drywall Joint Compound	
					not analyzed	
1947154-AY	18-Nov-19				Client ID: BS40.7 Drywall Joint Compound	
					not analyzed	
1947154-AZ	18-Nov-19				Client ID: BS40.8 Drywall Joint Compound	
					not analyzed	
1947154-BA	18-Nov-19				Client ID: BS40.9 Drywall Joint Compound	
					not analyzed	
1947154-BB	18-Nov-19				Client ID: BS40.10 Drywall Joint Compound	
					not analyzed	
1947154-BC	18-Nov-19				Client ID: BS40.11 Drywall Joint Compound	
					not analyzed	

\* MMVF: Man Made Vitreous Fibers: Fiberglass, Mineral Wool, Rockwool, Glasswool

\*\* Analytes in bold indicate asbestos mineral content.

## Certificate of Analysis

Client: McIntosh Perry Limited (Concord)

Client PO:

Report Date: 26-Nov-2019

Order Date: 18-Nov-2019

Project Description: Z1920014HZ (Tabaret Hall)

## Analysis Summary Table

Analysis	Method Reference/Description	Lab Location	NVLAP Lab Code *	Analysis Date
Asbestos, PLM Visual Estimation	by EPA 600/R-93/116	1 - Mississauga	200863-0	25-Nov-19

\* Reference to the NVLAP term does not permit the user of this report to claim product certification , approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government.

Mississauga Lab: 15 - 6800 Kitimat Rd Mississauga, Ontario, L5N 5M1

## Qualifier Notes

## Sample Qualifiers :

AS-PRE: Due to the difficult nature of the bulk sample (interfering fibers/binders), additional NOB preparation was required prior to analysis

AS-PT: Asbestos quantitation by PLM Point Count method.

Z-01: Insufficient sample.

Z-01a: No sample present.

Z-01b: Sample appears to be drywall.

Z-01c: Sample appears to be paint.

## Work Order Revisions | Comments

None



Paracel ID: 1947154



10f2

Head Office  
300-2319 St. Laurent Blvd.  
Ottawa, Ontario K1G 4J8  
p: 1-800-749-1947  
e: paracel@paracellabs.com

Chain of Custody  
(Lab Use Only)

Client Name: McIntosh Perry

Project Reference: Z1920014H2 (Tabaret Hall)

Contact Name: Diana Banakh

Quote #: 19-651

Address: 6240 Highway 7, Suite 200, Concord, Ontario L4K 2A3

PO #:

Email Address: d.banakh@mcintoshperry.com

Telephone: 905-856-5200

Turnaround Time:

☐ Immediate ☐ 1 Day  
☐ 4 Hour ☐ 2 Day  
☐ 8 Hour ☒ Regular

6 days  
Date Required:

## ASBESTOS &amp; MOLD ANALYSIS

Matrix: ☐ Air ☒ Bulk ☐ Tape Lift ☐ Swab ☐ Other Regulatory Guideline: ☒ ON ☐ QC ☐ AB ☐ SK ☐ Other:

Analyses: ☐ Microscopic Mold ☐ Culturable Mold ☐ Bacteria GRAM ☐ PCM Asbestos ☒ PLM Asbestos ☐ Chatfield Asbestos ☐ TEM Asbestos

Paracel Order Number:

1947154

Sample ID		Sampling Date	Air Volume (L)	Analysis Required	Asbestos - Bulk		Positive Stop?
					Identify Distinct Building Materials to Be Analyzed		
BS1.1-1.3	VFT Beige with black dots - L012		N/A	PLM			X
BS2.1-2.3	VFT Grey with black dots - W1032		N/A	PLM			X
BS3.1-3.3	VFT Grey with beige and blue flakes - M153		N/A	PLM			X
BS4.1-4.3	VFT off white with blue flakes - M153		N/A	PLM			X
BS5.1-5.3	VFT Brown with multicolour flakes - C111		N/A	PLM			X
BS6.1-6.3	VFT light blue with grey flakes - M155		N/A	PLM			X
BS7.1-7.3	VFT beige camo with grey streaks - 4th floor M418 Hallway		N/A	PLM			X
BS8.1-8.3	VFT Interior Window Caulking		N/A	PLM			X
BS9.1-9.3	VFT off white with small grey streaks - N0122B		N/A	PLM			X
BS10.1-10.3	VFT brown with white streaks - N0019 stairs		N/A	PLM			X
BS11.1-11.3	Concrete Block Mortar - N0026 Caged Storage Area		N/A	PLM			X
BS12.1-12.3	VFT Blue with grey and white streaks W030A		N/A	PLM			X
BS13.1-13.3	VFT light blue with black dots - W030B		N/A	PLM			X
BS14.1-14.3	VFT beige with brown streaks - W0037		N/A	PLM			X
BS15.1-15.3	Parging compound on foam pipe straight - W335		N/A	PLM			X
BS16.1-16.3	Wallpaper Beige - C303		N/A	PLM			X
BS17.1-17.3	Wallpaper Textured - C216		N/A	PLM			X
BS18.1-18.3	VFT - Light Green with multicolour flakes - C111		N/A	PLM			X
BS19.1-19.3	Floor levelling Compound - C217D		N/A	PLM			X
BS20.1-20.3	VFT - Terrazzo Mosaic pattern Beige - C217D		N/A	PLM			X

Cynthia Q. NOV 18/2019 16:35 Initial



p. 2 of 2

Parcel ID: 1947154

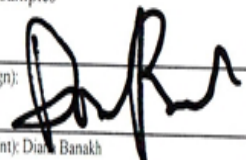
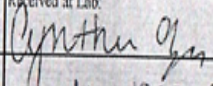
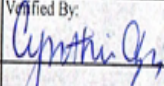


BS21.1-21.3	VFT - Grey with multicolour flakes - C111		N/A	PLM			x
BS22.1-22.3	Wall paper grey with brown streak - C207C		N/A	PLM			x
BS23.1-23.3	Brick mortar - C01B		N/A	PLM			x
BS24.1-24.3	VFT - Brown Camo with grey and black flakes - C111A		N/A	PLM			x
BS25.1-25.3	VFT - Offwhite with multicolour flakes - C111		N/A	PLM			x
BS26.1-26.3	VFT Red with grey flakes - L200		N/A	PLM			x
BS27.1-27.3	Wall paper white - L250		N/A	PLM			x
BS28.1-28.3	Firestop - L242		N/A	PLM			x
BS29.1-29.3	SCT 2" x 2" - Pinholes with large fissures - L056		N/A	PLM			x
BS30.1-30.3	SCT 2" x 4" - Pinholes with large fissures - W009, W33A, M282		N/A	PLM			x
BS31.1-31.3	Brick Mortar - AHIC		N/A	PLM			x
BS32.1-32.3	VFT Beige with brown streaks - Attic corridor		N/A	PLM			x
BS33.1-33.3	VFT Offwhite with multicolour streaks - Attic		N/A	PLM			x
BS34.1-34.3	VFT Beige with brown spots and streaks - Attic		N/A	PLM			x
BS35.1-35.3	Window caulking - Chappel Balcony		N/A	PLM			x
BS36.1-36.3	Tar Flooring - Chapel Balcony		N/A	PLM			x
BS37.1-37.3	SCT - 2" x 4" - Square pattern with pinholes - C219A		N/A	PLM			x
BS38.1-38.3	SCT - 2" x 2" - Pinhole with Texture - C216		N/A	PLM			x
BS39.1-39.3	Walltile Grout - W210 Men's W/R		N/A	PLM			x
BS40.1-40.11	Drywall joint compound		N/A	PLM			x

\* If left blank, Parcel will analyze all materials identified during analysis

\*\* If left blank, Parcel will analyze all materials as individual samples (at additional cost) per EPA 600/R-93/116

Comments: 197 samples

Relinquished By (Sign): 		Received at Depot:		Received at Lab: 		Method of Delivery: <u>United</u>	
Relinquished By (Print): Diana Banakh				Verified By: 			
Date/Time:		Date/Time:		Date/Time: NOV 18/2019 16:35		Date/Time: NOV 19/2019 9:53	



## Certificate of Analysis

### McIntosh Perry Limited (Concord)

6240 Hwy 7, Suite 200  
Woodbridge, ON L4H 0R2  
Attn: Diana Banakh

Client PO:  
Project: Z1920014HZ (Tabaret Hall)  
Custody:

Report Date: 21-Nov-2019  
Order Date: 18-Nov-2019

**Order #: 1947115**

This Certificate of Analysis contains analytical data applicable to the following samples as submitted:

Paracel ID	Client ID
1947115-01	Pb.1
1947115-02	Pb.2
1947115-03	Pb.3
1947115-04	Pb.4
1947115-05	Pb.5
1947115-06	Pb.6
1947115-07	Pb.7
1947115-08	Pb.8

Approved By:



Milan Ralitsch, PhD  
Senior Technical Manager

Any use of these results implies your agreement that our total liability in connection with this work, however arising shall be limited to the amount paid by you for this work, and that our employees or agents shall not under circumstances be liable to you in connection with this work

Certificate of Analysis

Client: McIntosh Perry Limited (Concord)

Client PO:

Report Date: 21-Nov-2019

Order Date: 18-Nov-2019

Project Description: Z1920014HZ (Tabaret Hall)

**Analysis Summary Table**

Analysis	Method Reference/Description	Extraction Date	Analysis Date
Metals, ICP-MS	EPA 6020 - Digestion - ICP-MS	20-Nov-19	20-Nov-19

**Sample and QC Qualifiers Notes**

- 1- GEN01 :Elevated Reporting Limits due to limited sample volume.
- 2- QM-4X : The spike recovery was outside of QC acceptance limits due to elevated analyte concentration.

**Sample Data Revisions**

None

**Work Order Revisions/Comments:**

None

**Other Report Notes:**

n/a: not applicable  
ND: Not Detected  
MDL: Method Detection Limit  
Source Result: Data used as source for matrix and duplicate samples  
%REC: Percent recovery.  
RPD: Relative percent difference.

Certificate of Analysis  
Client: McIntosh Perry Limited (Concord)  
Client PO:

Report Date: 21-Nov-2019

Order Date: 18-Nov-2019

Project Description: Z1920014HZ (Tabaret Hall)

## Sample Results

Lead				Matrix: Paint
				Sample Date: 09-Aug-19
Paracel ID	Client ID	Units	MDL	Result
1947115-01	Pb.1	% by Wt.	0.0005	0.938
1947115-02	Pb.2	% by Wt.	0.0005	0.0442
1947115-03	Pb.3	% by Wt.	0.0005	<0.0016 [1]
1947115-04	Pb.4	% by Wt.	0.0005	0.0756
1947115-05	Pb.5	% by Wt.	0.0005	5.86
1947115-06	Pb.6	% by Wt.	0.0005	0.0053
1947115-07	Pb.7	% by Wt.	0.0005	<0.0005
1947115-08	Pb.8	% by Wt.	0.0005	0.0009

## Laboratory Internal QA/QC

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
<b>Matrix Blank</b>									
Lead	ND	0.0005	% by Wt.						
<b>Matrix Duplicate</b>									
Lead	5.98	0.0150	% by Wt.	5.86			2.0	50	
<b>Matrix Spike</b>									
Lead	6.97	0.0005	% by Wt.	5.86	882	70-130			QM-4X

Chain of Custody- Lead- uOttawa1\_filled.xlsx

DRAFT

## APPENDIX D

### Site Photographs



Photo 1: View of asbestos-containing vinyl floor tiles (9"x9"-White and Black) observed to be in good condition in C207C.



Photo 2: View of asbestos-containing vinyl floor tiles (12"x12"-Cream and Brown Coloured) observed to be in good condition in Room W0041.

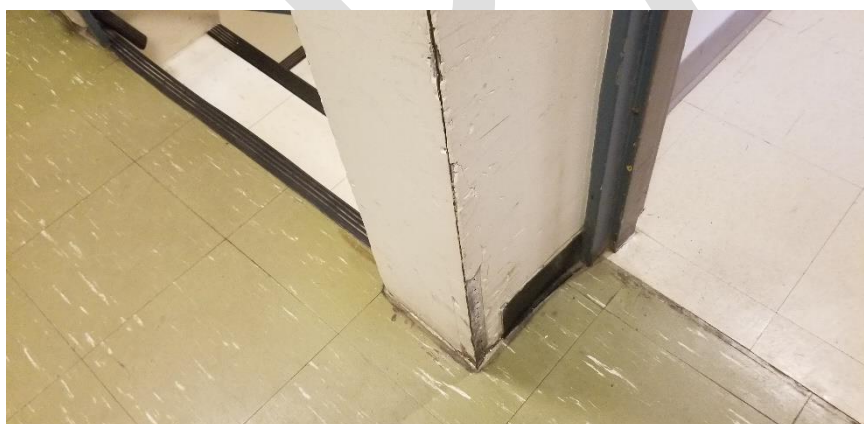


Photo 3: View of asbestos-containing vinyl floor tiles (9"x9"-Green w/ White Stripes) observed to be in good condition in Room N0130 along with asbestos-containing drywall joint compound observed to be in poor condition.





Photo 4: View of asbestos-containing drywall joint compound observed to be in poor condition in Room C452



Photo 5: View of asbestos-containing vinyl floor tiles (9"x9"-Grey Coloured) observed to be in good condition in Room C08.



Photo 6: View of water stained asbestos-containing ceiling tiles (2'x4"-White Tone) observed in Room W0011B.





Photo 7: View of the asbestos-containing brick mortar observed to be in poor condition in Room C455.



Photo 8: View of asbestos-containing mechanical pipe fitting insulation observed to be in good condition in Room C01B.

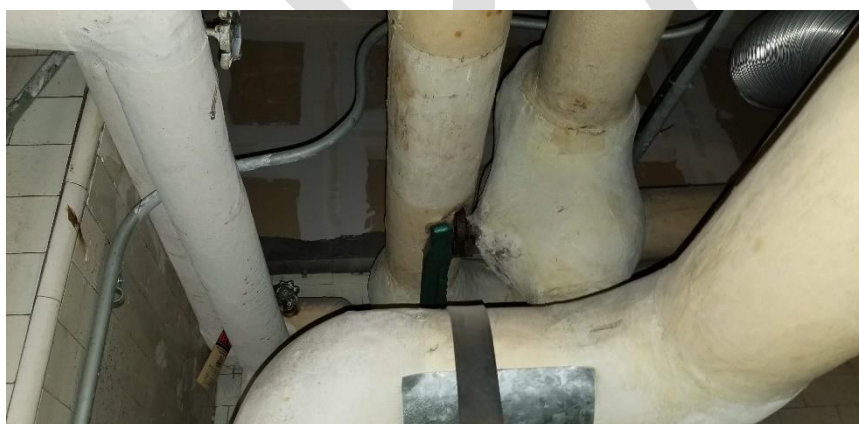


Photo 9: View of asbestos-containing mechanical pipe fitting insulation observed to be in good condition in Room C01D.

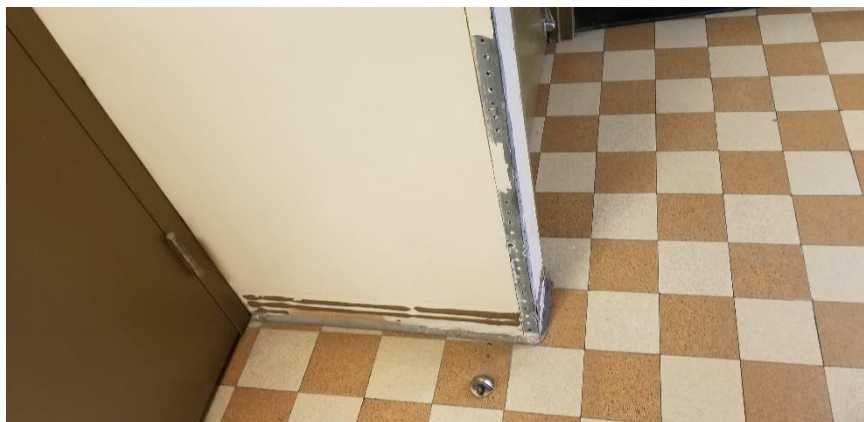


Photo 10: View of asbestos-containing drywall joint compound observed to be in poor condition outside room N120.



Photo 11: View of asbestos-containing ceiling plaster observed to be in poor condition in Room C401A.



Photo 12: View of asbestos-containing ceiling plaster observed to be in poor condition in Room M386.



Photo 13: View of asbestos-containing window frame caulking observed to be in fair condition in Room M386F.



Photo 14: View of non-asbestos containing suspended ceiling tiles (2'x4'-Square Pattern with Pinholes) observed in Room C219.



Photo 15: View of mould and water damage observed on pipe fittings and straights in Room C01D.





Photo 16: View of mold impacted drywall observed in Room N0109.

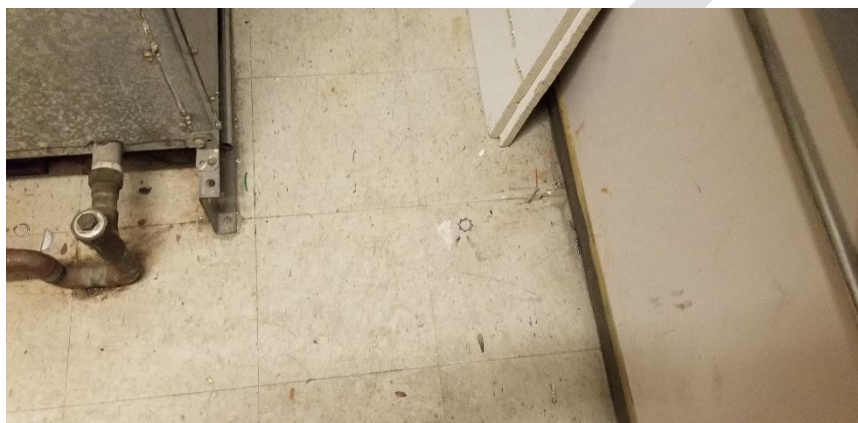


Photo 17: View of non-asbestos containing vinyl floor tiles (12"x12"-Off White with Small Grey Streaks) observed in Room N0122B.



Photo 18: View of asbestos-containing suspended ceiling tiles (2'x4"-White Tone) observed to be in good condition in Room C012A.



Photo 19: View of non-PCB Containing light ballasts observed in C459.



Photo 20: Typical view of low-level lead containing pink paint finish observed to be in good condition on radiators and walls throughout the subject building.



Photo 21: Typical view of water damaged ceiling tiles observed in select locations throughout the subject building.



Photo 22: Typical view of poor condition (peeling) lead-containing paint observed in select locations throughout the subject building.



Photo 23: View of asbestos-containing drywall joint compound on wall observed to be in fair condition in Room W021C.



Photo 24: View of asbestos-containing plaster ceiling observed to be in poor condition in Room C09.





Photo 25: View of asbestos-containing drywall joint compound on wall observed to be in poor condition in Room N100E.



Photo 26: View of asbestos-containing drywall joint compound on wall observed to be in poor condition in Room M155.



Photo 27: View of asbestos-containing plaster wall/pillar observed to be in poor condition in Room M368B.





Photo 28: View of asbestos-containing drywall joint compound on wall observed to be in poor condition in Room M396.



Photo 29: View of asbestos-containing plaster wall/pillar observed to be in poor condition in Room M411.

## APPENDIX E

### Asbestos-Containing Materials Checklists

Floor/Level	Location	Type of ACM	Asbestos Confirmed/ Suspected	Friable/Non-Friable	Damaged/ Deteriorated	Accessibility	Level of Work Near Material	Approx. Quantity	Unit	Recommended Action	Comments
00	Throughout Level	Ceiling Plaster (White and Beige Layers)	Confirmed	Friable	Good Condition	Difficult	Low	-	-	Manage in Place	
00	Throughout Level	Drywall Joint Compound	Confirmed	-	Good Condition	Easy	Low	-	-	Manage in Place	
00	Throughout Level	Fire Doors	Confirmed	-	Good Condition	Easy	Low	-	-	Manage in Place	
00	Room M0013	Mechanical Pipe Fittings/Elbows Insulation	Confirmed	Friable	Good Condition	Moderate	Low	4	C	Manage in Place	
00	Room M0016	Mechanical Pipe Fittings/Elbows Insulation	Confirmed	Friable	Good Condition	Moderate	Low	7	C	Manage in Place	
00	Room M0018	Mechanical Pipe Fittings/Elbows Insulation	Confirmed	Friable	Good Condition	Moderate	Low	12	C	Manage in Place	
00	Room M0019	Mechanical Pipe Fittings/Elbows Insulation	Confirmed	Friable	Good Condition	Moderate	Low	8	C	Manage in Place	
00	Room N001A	Mechanical Pipe Fittings/Elbows Insulation	Confirmed	Friable	Good Condition	Moderate	Low	5	C	Manage in Place	
00	Room N002	Mechanical Pipe Fittings/Elbows Insulation	Confirmed	Friable	Good Condition	Moderate	Low	4	C	Manage in Place	
00	Room N009	Vinyl Floor Tiles (12"x12"-Cream and Brown Coloured)	Confirmed	Non-Friable	Fair Condition	Easy	Low	80	C	Monitor Condition of Material. Consider Removal or Repair.	
00	Room W007	Suspended Ceiling Tile (2'x4'-White Tone)	Confirmed	-	Good Condition	Difficult	Low	40	SF	Manage in Place	
00	Room W009	Drywall Joint Compound	Confirmed	Non-Friable	Fair Condition	Easy	Low	1	SF	Monitor Condition of Material. Consider Removal or Repair.	Wall
00	Room W0011	Suspended Ceiling Tile (2'x4'-White Tone)	Confirmed	-	Good Condition	Difficult	Low	170	SF	Manage In Place	
00	Room W0011A	Suspended Ceiling Tile (2'x4'-White Tone)	Confirmed	-	Good Condition	Difficult	Low	44	SF	Manage In Place	
00	Room W0011B	Suspended Ceiling Tile (2'x4'-White Tone)	Confirmed	-	Poor Condition	Difficult	Low	1	C	Repair or Remove Following Type 1 Abatement Procedures	
00	Room W0011C	Suspended Ceiling Tile (2'x4'-White Tone)	Confirmed	-	Good Condition	Difficult	Low	52	SF	Manage In Place	

Floor/Level	Location	Type of ACM	Asbestos Confirmed/ Suspected	Friable/Non-Friable	Damaged/ Deteriorated	Accessibility	Level of Work Near Material	Approx. Quantity	Unit	Recommended Action	Comments
00	Room W0011D	Suspended Ceiling Tile (2'x4'-White Tone)	Confirmed	-	Good Condition	Difficult	Low	53	SF	Manage In Place	
00	Room W0011E	Suspended Ceiling Tile (2'x4'-White Tone)	Confirmed	-	Good Condition	Difficult	Low	55	SF	Manage In Place	
00	Room W0011E	Suspended Ceiling Tile (2'x4'-White Tone)	Confirmed	-	Poor Condition	Difficult	Low	2	C	Repair or Remove Following Type 1 Abatement Procedures	
00	Room W0011F	Suspended Ceiling Tile (2'x4'-White Tone)	Confirmed	-	Poor Condition	Difficult	Low	1	C	Repair or Remove Following Type 1 Abatement Procedures	
00	Room W0011G	Suspended Ceiling Tile (2'x4'-White Tone)	Confirmed	-	Good Condition	Moderate	Low	50	SF	Manage In Place	
00	Room W0011G	Suspended Ceiling Tile (2'x4'-White Tone)	Confirmed	-	Poor Condition	Difficult	Low	2	C	Repair or Remove Following Type 1 Abatement Procedures	
00	Room W0011H	Suspended Ceiling Tile (2'x4'-White Tone)	Confirmed	-	Good Condition	Moderate	Low	40	SF	Manage In Place	
00	Room W0011H	Vinyl Floor Tiles (12"x12"-Cream and Brown Coloured)	Confirmed	Non-Friable	Good Condition	Easy	Low	45	SF	Manage in Place	
00	Room W0013	Suspended Ceiling Tile (2'x4'-White Tone)	Confirmed	-	Good Condition	Difficult	Low	260	SF	Manage in Place	
00	Room W0015	Suspended Ceiling Tile (2'x4'-White Tone)	Confirmed	-	Good Condition	Difficult	Low	130	SF	manage in Place	
00	Room W0017	Vinyl Floor Tiles (12"x12"-Cream and Brown Coloured)	Confirmed	Non-Friable	Good Condition	Easy	Low	25	SF	Manage in Place	
00	Room W0017	Vinyl Floor Tiles (12"x12"-Beige with Brown Mottling)	Confirmed	Non-Friable	Good Condition	Easy	Low	90	SF	Manage in Place	
00	Room W0023	Vinyl Floor Tiles (12"x12"-Cream and Brown Coloured)	Confirmed	Non-Friable	Good Condition	Easy	Low	390	SF	Manage in Place	
00	Room W0021	Suspended Ceiling Tile (2'x4'-White Tone)	Confirmed	-	Good Condition	Difficult	Low	120	SF	Manage in Place	
00	Room W0025	Drywall Joint Compound	Confirmed	-	Good Condition	Easy	Low	Throughout	-	Manage in Place	
00	Room W0027	Drywall Joint Compound	Confirmed	-	Good Condition	Easy	Low	Throughout	-	Manage in Place	
00	Room W0029	Suspended Ceiling Tile (2'x4'-White Tone)	Confirmed	-	Good Condition	Difficult	Low	216	SF	Manage in Place	
00	Room W0029	Vinyl Floor Tiles (12"x12"-Cream and Brown Coloured)	Confirmed	Non-Friable	Good Condition	Enclosed	Low	120	SF	Manage in Place	
00	Room W0031	Drywall Joint Compound	Confirmed	-	Good Condition	Easy	Low	Throughout	-	Manage in Place	

Floor/Level	Location	Type of ACM	Asbestos Confirmed/ Suspected	Friable/Non-Friable	Damaged/ Deteriorated	Accessibility	Level of Work Near Material	Approx. Quantity	Unit	Recommended Action	Comments
00	Room W0031	Suspended Ceiling Tile (2'x4'-White Tone)	Confirmed	-	Good Condition	Difficult	Low	120	SF	Manage in Place	
00	Room W0031A	Suspended Ceiling Tile (2'x4'-White Tone)	Confirmed	-	Good Condition	Difficult	Low	120	SF	Manage in Place	
00	Room W0031B	Suspended Ceiling Tile (2'x4'-White Tone)	Confirmed	-	Good Condition	Difficult	Low	120	SF	Manage in Place	
00	Room W0031C	Suspended Ceiling Tile (2'x4'-White Tone)	Confirmed	-	Good Condition	Difficult	Low	120	SF	Manage in Place	
00	Room W0031D	Suspended Ceiling Tile (2'x4'-White Tone)	Confirmed	-	Good Condition	Difficult	Low	120	SF	Manage in Place	
00	Room W0033	Vinyl Floor Tiles (12"x12"-Beige with Brown Mottling)	Confirmed	Non-Friable	Good Condition	Easy	Low	90	SF	Manage in Place	
00	Room W0033	Vinyl Floor Tiles (12"x12"-Cream and Brown Coloured)	Confirmed	Non-Friable	Good Condition	Easy	Low	25	SF	Manage in Place	
00	Room W0035	Vinyl Floor Tiles (12"x12"-Cream and Brown Coloured)	Confirmed	Non-Friable	Good Condition	Easy	Low	70	SF	Manage in Place	
00	Room W0037	Vinyl Floor Tiles (12"x12"-Cream and Brown Coloured)	Confirmed	Non-Friable	Good Condition	Easy	Low	80	SF	Manage in Place	
00	Room W0041	Vinyl Floor Tiles (12"x12"-Cream and Brown Coloured)	Confirmed	Non-Friable	Good Condition	Easy	Low	175	SF	Manage in Place	
00	Room W0043	Vinyl Floor Tiles (12"x12"-Cream and Brown Coloured)	Confirmed	Non-Friable	Good Condition	Easy	Low	120	SF	Manage in Place	
00	Room W0045	Suspended Ceiling Tile (2'x4'-White Tone)	Confirmed	-	Good Condition	Difficult	Low	120	SF	Manage in Place	
0	Throughout Level	Ceiling Plaster (White and Beige Layers)	Confirmed	Friable	Good Condition	Difficult	Low	-	-	Manage in Place	
0	Throughout Level	Drywall Joint Compound	Confirmed	-	Good Condition	Easy	Low	-	-	Manage in Place	
0	Throughout Level	Fire Doors	Confirmed	-	Good Condition	Easy	Low	-	-	Manage in Place	
0	Room C01	Mechanical Pipe Straight Insulation	Confirmed	Friable	Good Condition	Moderate	Low	40	LF	Manage in Place	
0	Room C01	Mechanical Pipe Fittings/Elbows Insulation	Confirmed	Friable	Good Condition	Moderate	Low	14	C	Manage in Place	

Floor/Level	Location	Type of ACM	Asbestos Confirmed/ Suspected	Friable/Non-Friable	Damaged/ Deteriorated	Accessibility	Level of Work Near Material	Approx. Quantity	Unit	Recommended Action	Comments
0	Room C01B	Mechanical Pipe Fittings/Elbows Insulation	Confirmed	Friable	Good Condition	Moderate	Low	7	C	Manage in Place	
0	Room C01B	Mechanical Pipe Fittings/Elbows Insulation	Confirmed	Friable	Poor Condition	Moderate	Low	2	C	Remove Following Type 2 (Glovebag) Abatement Procedures	
0	Room C01D	Mechanical Pipe Fittings/Elbows Insulation	Confirmed	Friable	Good Condition	Moderate	Low	38	C	Manage in Place	
0	Room C02	Vinyl Floor Tiles (9"x9"-Grey Coloured)	Confirmed	Non-Friable	Good Condition	Easy	Low	85	SF	Manage in Place	
0	Room C04	Drywall Joint Compound	Confirmed	Non-Friable	Fair Condition	Easy	Low	12	SF	Monitor Condition of Material. Consider Removal or Repair.	
0	Room C05	Drywall Joint Compound	Confirmed	Non-Friable	Fair Condition	Easy	Low	4	SF	Monitor Condition of Material. Consider Removal or Repair.	Bulkhead
0	Room C08	Vinyl Floor Tiles (9"x9"-Green Coloured)	Confirmed	Non-Friable	Good Condition	Easy	Low	82	SF	Manage in Place	
0	Room C09	Ceiling Plaster (White and Beige Layers)	Confirmed	Friable	Poor Condition	Easy	Low	2	SF	Repair or Remove Following Type 1/2 Abatement Procedures	
0	Room C012	Suspended Ceiling Tile (2'x4'-White Tone)	Confirmed	-	Good Condition	Easy	Low	624	SF	Manage in Place	
0	Room C012A	Suspended Ceiling Tile (2'x4'-White Tone)	Confirmed	-	Good Condition	Difficult	Low	410	SF	Manage in Place	
0	Room C013	Drywall Joint Compound	Confirmed	-	Poor Condition	Easy	Low	1	SF	Repair or Remove Following Type 1 Abatement Procedures	
0	Room C013	Ceiling Plaster (White and Beige Layers)	Confirmed	Friable	Poor Condition	Difficult	Low	3	SF	Remove Following Type 2 (Glovebag) Abatement Procedures	
0	Room C015B	Drywall Joint Compound	Confirmed	-	Good Condition	Easy	Low	Throughout	-	Manage in Place	
0	Room C015L	Drywall Joint Compound	Confirmed	-	Good Condition	Easy	Low	Throughout	-	Manage in Place	
0	Room C017B	Suspended Ceiling Tile (2'x4'-White Tone)	Confirmed	-	Good Condition	Difficult	Low	60	SF	Manage in Place	
0	Room C017D	Suspended Ceiling Tile (2'x4'-White Tone)	Confirmed	-	Good Condition	Difficult	Low	100	SF	Manage In Place	
0	Room L040	Drywall Joint Compound	Confirmed	-	Good Condition	Easy	Low	Throughout	-	Manage in Place	

Floor/Level	Location	Type of ACM	Asbestos Confirmed/ Suspected	Friable/Non- Friable	Damaged/ Deteriorated	Accessibility	Level of Work Near Material	Approx. Quantity	Unit	Recommended Action	Comments
0	Room L040	Ceiling Plaster (White and Beige Layers)	Confirmed	Friable	Good Condition	Difficult	Low	750	SF	Manage in Place	
0	Room L040A	Ceiling Plaster (White and Beige Layers)	Confirmed	Friable	Good Condition	Difficult	Low	60	SF	Manage in Place	

Floor/Level	Location	Type of ACM	Asbestos Confirmed/ Suspected	Friable/Non-Friable	Damaged/ Deteriorated	Accessibility	Level of Work Near Material	Approx. Quantity	Unit	Recommended Action	Comments
0	Room L042	Ceiling Plaster (White and Beige Layers)	Confirmed	Friable	Good Condition	Difficult	Low	150	SF	Manage in Place	
0	Room L044	Ceiling Plaster (White and Beige Layers)	Confirmed	Friable	Good Condition	Difficult	Low	190	SF	Manage in Place	
0	Room L044A	Ceiling Plaster (White and Beige Layers)	Confirmed	Friable	Good Condition	Difficult	Low	170	SF	Manage in Place	
0	Room L044C	Ceiling Plaster (White and Beige Layers)	Confirmed	Friable	Good Condition	Difficult	Low	130	SF	Manage in Place	
0	Room L046	Drywall Joint Compound	Confirmed	-	Poor Condition	Easy	Low	1	SF	Repair or Remove Following Type 1 Abatement Procedures	
0	Room L046	Ceiling Plaster (White and Beige Layers)	Confirmed	Friable	Good Condition	Difficult	Low	270	SF	Manage in Place	
0	Room L046A	Ceiling Plaster (White and Beige Layers)	Confirmed	Friable	Good Condition	Difficult	Low	130	SF	Manage in Place	
0	Room L046B	Ceiling Plaster (White and Beige Layers)	Confirmed	Friable	Good Condition	Difficult	Low	85	SF	Manage in Place	
0	Room L046C	Ceiling Plaster (White and Beige Layers)	Confirmed	Friable	Good Condition	Difficult	Low	195	SF	Manage in Place	
0	Room L046D	Ceiling Plaster (White and Beige Layers)	Confirmed	Friable	Good Condition	Difficult	Low	100	SF	Manage in Place	
0	Room L046E	Ceiling Plaster (White and Beige Layers)	Confirmed	Friable	Good Condition	Difficult	Low	110	SF	Manage in Place	
0	Room L046F	Ceiling Plaster (White and Beige Layers)	Confirmed	Friable	Good Condition	Difficult	Low	190	SF	Manage in Place	
0	Room L046G	Ceiling Plaster (White and Beige Layers)	Confirmed	Friable	Good Condition	Difficult	Low	130	SF	Manage in Place	
0	Room L046H	Ceiling Plaster (White and Beige Layers)	Confirmed	Friable	Good Condition	Difficult	Low	70	SF	Manage in Place	
0	Room L046J	Ceiling Plaster (White and Beige Layers)	Confirmed	Friable	Good Condition	Difficult	Low	80	SF	Manage in Place	
0	Room L046K	Ceiling Plaster (White and Beige Layers)	Confirmed	Friable	Good Condition	Difficult	Low	270	SF	Manage in Place	
0	Room L046K	Vinyl Floor Tiles (12"x12"-Beige with Brown Mottling)	Confirmed	Non-Friable	Good Condition	Easy	Low	70	SF	Manage in Place	
0	Room L046L	Ceiling Plaster (White and Beige Layers)	Confirmed	Friable	Good Condition	Difficult	Low	50	SF	Manage in Place	
0	Room L046O	Drywall Joint Compound	Confirmed	Non-Friable	Fair Condition	Easy	Low	1	SF	Monitor Condition of Material. Consider Removal or Repair.	Wall



Floor/Level	Location	Type of ACM	Asbestos Confirmed/ Suspected	Friable/Non- Friable	Damaged/ Deteriorated	Accessibility	Level of Work Near Material	Approx. Quantity	Unit	Recommended Action	Comments
0	Room L050A	Ceiling Plaster (White and Beige Layers)	Confirmed	Friable	Good Condition	Difficult	Low	80	SF	Manage in Place	

Floor/Level	Location	Type of ACM	Asbestos Confirmed/ Suspected	Friable/Non-Friable	Damaged/ Deteriorated	Accessibility	Level of Work Near Material	Approx. Quantity	Unit	Recommended Action	Comments
0	Room L054	Drywall Joint Compound	Confirmed	-	Good Condition	Easy	Low	Throughout	-	Manage in Place	
0	Room L054	Ceiling Plaster (White and Beige Layers)	Confirmed	Friable	Good Condition	Difficult	Low	325	SF	Manage in Place	
0	Room L054	Wall Plaster	Confirmed	Friable	Fair Condition	Easy	Low	1	SF	Monitor Condition of Material. Consider Removal or Repair.	
0	Room L056	Suspended Ceiling Tiles (2'x2'-Pinholes and Large Fissures)	Confirmed	-	Good Condition	Difficult	Low	172	SF	Manage in Place	
0	Room L056	Ceiling Plaster (White and Beige Layers)	Confirmed	Friable	Good Condition	Difficult	Low	165	SF	Manage in Place	
0	Room L058	Ceiling Plaster (White and Beige Layers)	Confirmed	Friable	Good Condition	Difficult	Low	180	SF	Manage in Place	
0	Room L058	Suspended Ceiling Tiles (2'x2'-Pinholes and Large Fissures)	Confirmed	-	Good Condition	Difficult	Low	172	SF	Manage in Place	
0	Room L058	Suspended Ceiling Tiles (2'x2'-Pinholes and Large Fissures)	Confirmed	-	Poor Condition	Difficult	Low	2	C	Repair or Remove Following Type 1 Abatement Procedures	Water Damage
0	Room L062	Ceiling Plaster (White and Beige Layers)	Confirmed	Friable	Good Condition	Difficult	Low	480	SF	Manage in Place	
0	Room L062	Mechanical Pipe Straight Insulation	Confirmed	Friable	Good Condition	Moderate	Low	75	LF	Manage in Place	
0	Room L064	Ceiling Plaster (White and Beige Layers)	Confirmed	Friable	Fair Condition	Difficult	Low	55	SF	Monitor Condition of Material. Consider Removal or Repair.	
0	Room L064	Drywall Joint Compound	Confirmed	-	Poor Condition	Easy	Low	8	SF	Repair or Remove Following Type 1 Abatement Procedures	
0	Room L064A	Ceiling Plaster (White and Beige Layers)	Confirmed	Friable	Fair Condition	Difficult	Low	45	SF	Monitor Condition of Material. Consider Removal or Repair.	
0	Room L064B	Mechanical Pipe Fittings/Elbows Insulation	Confirmed	Friable	Good Condition	Moderate	Low	4	C	Manage in Place	
0	Room L070A	Ceiling Plaster (White and Beige Layers)	Confirmed	Friable	Poor Condition	Difficult	Low	10	SF	Manage in Place	
0	Room L070A	Drywall Joint Compound	Confirmed	-	Poor Condition	Easy	Moderate	3	SF	Repair or Remove Following Type 1 Abatement Procedures	
0	Room L070D	Mechanical Pipe Fittings/Elbows Insulation	Confirmed	Friable	Good Condition	Moderate	Low	1	C	Manage in Place	

Floor/Level	Location	Type of ACM	Asbestos Confirmed/ Suspected	Friable/Non-Friable	Damaged/ Deteriorated	Accessibility	Level of Work Near Material	Approx. Quantity	Unit	Recommended Action	Comments
0	Room L070D	Ceiling Plaster (White and Beige Layers)	Confirmed	Friable	Poor Condition	Difficult	Low	10	SF	Repair or Remove Following Type 1/2 Abatement Procedures	
0	Room L070D	Vinyl Floor Tiles (9"x9"-Green and White)	Confirmed	Non-Friable	Good Condition	Easy	Low	190	SF	Manage in Place	
0	Room L072	Drywall Joint Compound	Confirmed	-	Good Condition	Easy	Low	Throughout	-	Manage in Place	
0	Room L072A	Drywall Joint Compound	Confirmed	-	Good Condition	Easy	Low	Throughout	-	Manage in Place	
0	Room L072A	Vinyl Floor Tiles (9"x9"-Green and White)	Confirmed	Non-Friable	Good Condition	Easy	Low	130	SF	Manage in Place	
0	Room L072A	Ceiling Plaster (White and Beige Layers)	Confirmed	Friable	Good Condition	Difficult	Low	165	SF	Manage in Place	
0	Room M081	Drywall Joint Compound	Confirmed	-	Good Condition	Easy	Low	Throughout	-	Manage in Place	
0	Room M089	Suspended Ceiling Tile (2'x4'-White Tone)	Confirmed	-	Good Condition	Difficult	Low	172	SF	Manage in Place	
0	Room M089	Suspended Ceiling Tile (2'x4'-White Tone)	Confirmed	-	Fair Condition	Difficult	Low	2	C	Repair or Remove Following Type 1 Abatement Procedures	Water Damage
0	Room M092	Suspended Ceiling Tile (2'x4'-White Tone)	Confirmed	-	Good Condition	Difficult	Low	80	SF	Manage in Place	
0	Room N0100	Suspended Ceiling Tile (2'x4'-White FRB-CL-1)	Confirmed	-	Good Condition	Difficult	Low	210	SF	Manage in Place	
0	Room N0101	Suspended Ceiling Tile (2'x4'-White FRB-CL-1)	Confirmed	-	Good Condition	Difficult	Low	140	SF	Manage in Place	
0	Room N0102	Suspended Ceiling Tile (2'x4'-White FRB-CL-1)	Confirmed	-	Good Condition	Difficult	Low	85	SF	Manage in Place	
0	Room N0103	Suspended Ceiling Tile (2'x4'-White FRB-CL-1)	Confirmed	-	Good Condition	Difficult	Low	120	SF	Manage in Place	
0	Room N0105	Suspended Ceiling Tile (2'x4'-White Tone)	Confirmed	-	Good Condition	Difficult	Low	25	SF	Manage in Place	
0	Room N0105	Vinyl Floor Tiles (9"x9"-Green Coloured)	Confirmed	Non-Friable	Good Condition	Easy	Low	20	SF	Manage in Place	
0	Room N0105	Vinyl Floor Tiles (9"x9"-Green and White)	Confirmed	Non-Friable	Good Condition	Easy	Low	5	SF	Manage in Place	
0	Room N0119	Drywall Joint Compound	Confirmed	-	Poor Condition	Easy	Low	3	SF	Repair or Remove Following Type 1 Abatement Procedures	

Floor/Level	Location	Type of ACM	Asbestos Confirmed/ Suspected	Friable/Non-Friable	Damaged/ Deteriorated	Accessibility	Level of Work Near Material	Approx. Quantity	Unit	Recommended Action	Comments
0	Room N0128	Suspended Ceiling Tile (2'x4'-White FRB-CL-1)	Confirmed	-	Good Condition	Difficult	Low	65	SF	Manage in Place	
0	Room N0129	Suspended Ceiling Tile (2'x4'-White FRB-CL-1)	Confirmed	-	Good Condition	Difficult	Low	80	SF	Manage in Place	
0	Room N0130	Vinyl Floor Tiles (9"x9"-Green Coloured)	Confirmed	Non-Friable	Good Condition	Easy	Low	40	SF	Manage in Place	
0	Room N0130	Drywall Joint Compound	Confirmed	-	Poor Condition	Easy	Low	1	SF	Repair or Remove Following Type 1 Abatement Procedures	
0	Room W021	Suspended Ceiling Tile (2'x4'-White Tone)	Confirmed	-	Good Condition	Difficult	Low	248	SF	Manage in Place	
0	Room W021C	Drywall Joint Compound	Confirmed	Non-Friable	Fair Condition	Difficult	Low	1	SF	Monitor Condition of Material. Consider Removal or Repair.	
0	Room W023	Suspended Ceiling Tile (2'x4'-White Tone)	Confirmed	-	Good Condition	Difficult	Low	60	SF	Manage in Place	
0	Room W023A	Suspended Ceiling Tile (2'x4'-White Tone)	Confirmed	-	Good Condition	Difficult	Low	104	SF	Manage in Place	
0	Room W023B	Suspended Ceiling Tile (2'x4'-White Tone)	Confirmed	-	Good Condition	Difficult	Low	75	SF	Manage in Place	
0	Room W023C	Suspended Ceiling Tile (2'x4'-White Tone)	Confirmed	-	Good Condition	Difficult	Low	75	SF	Manage in Place	
0	Room W023D	Suspended Ceiling Tile (2'x4'-White Tone)	Confirmed	-	Good Condition	Difficult	Low	75	SF	Manage in Place	
0	Room W023E	Suspended Ceiling Tile (2'x4'-White Tone)	Confirmed	-	Good Condition	Difficult	Low	108	SF	Manage in Place	
0	Room W023F	Suspended Ceiling Tile (2'x4'-White Tone)	Confirmed	-	Good Condition	Difficult	Low	96	SF	Manage in Place	
0	Room W023G	Suspended Ceiling Tile (2'x4'-White Tone)	Confirmed	-	Good Condition	Difficult	Low	125	SF	Manage in Place	
0	Room W024	Suspended Ceiling Tile (2'x4'-White Tone)	Confirmed	-	Good Condition	Difficult	Low	236	SF	Manage in Place	
0	Room W027	Suspended Ceiling Tile (2'x4'-White Tone)	Confirmed	-	Good Condition	Difficult	Low	1,000	SF	Manage in Place	
0	Room W030	Suspended Ceiling Tile (2'x4'-White Tone)	Confirmed	-	Good Condition	Difficult	Low	530	SF	Manage in Place	
0	Room W030A	Suspended Ceiling Tile (2'x4'-White Tone)	Confirmed	-	Good Condition	Difficult	Low	130	SF	Manage in Place	
0	Room W032	Suspended Ceiling Tiles (2'x2'-Pinholes and Large Fissures)	Confirmed	-	Good Condition	Difficult	Low	600	SF	Manage in Place	

Floor/Level	Location	Type of ACM	Asbestos Confirmed/ Suspected	Friable/Non-Friable	Damaged/ Deteriorated	Accessibility	Level of Work Near Material	Approx. Quantity	Unit	Recommended Action	Comments
0	Room W035	Suspended Ceiling Tile (2'x4'-White Tone)	Confirmed	-	Good Condition	Difficult	Low	120	SF	Manage in Place	
1	Throughout Level	Ceiling Plaster (White and Beige Layers)	Confirmed	Friable	Good Condition	Difficult	Low	-	-	Manage in Place	
1	Throughout Level	Drywall Joint Compound	Confirmed	Non-Friable	Good Condition	Easy	Low	-	-	Manage in Place	
1	Throughout Level	Fire Doors	Confirmed	-	Good Condition	Easy	Low	-	-	Manage in Place	
1	Room C105	Drywall Joint Compound	Confirmed	Non-Friable	Fair Condition	Easy	Low	1	SF	Monitor Condition of Material. Consider Removal or Repair.	Cracks in Wall
1	Room C105B	Drywall Joint Compound	Confirmed	Non-Friable	Good Condition	Easy	Low	Throughout	-	Manage in Place	
1	Room C105L	Drywall Joint Compound	Confirmed	Non-Friable	Good Condition	Easy	Low	Throughout	-	Manage in Place	
1	Room C105K	Drywall Joint Compound	Confirmed	Non-Friable	Fair Condition	Easy	Low	2	LF	Monitor Condition of Material. Consider Removal or Repair.	Cracks in Wall
1	Room C105N	Drywall Joint Compound	Confirmed	Non-Friable	Fair Condition	Easy	Low	2	LF	Monitor Condition of Material. Consider Removal or Repair.	Cracks in Wall
1	Room C107	Vinyl Floor Tiels (9"x9")	Confirmed	Non-Friable	Good Condition	Enclosed	Low	120	SF	Manage in Place	
1	Room C107	Drywall Joint Compound	Confirmed	Non-Friable	Fair Condition	Easy	Low	2	SF	Monitor Condition of Material. Consider Removal or Repair.	Wall
1	Room C108	Vinyl Floor Tiles (12"x12"-Beige with Beige Stripes)	Confirmed	Non-Friable	Good Condition	Easy	Low	125	SF	Manage in Place	
1	Room C109	Drywall Joint Compound	Confirmed	Non-Friable	Fair Condition	Easy	Low	2	LF	Monitor Condition of Material. Consider Removal or Repair.	Wall
1	Room C111	Mechanical Pipe Straight Insulation	Confirmed	Friable	Good Condition	Difficult	Low	15	LF	Manage in Place	
1	Room C111	Mechanical Pipe Fittings/Elbows Insulation	Confirmed	Friable	Good Condition	Difficult	Low	11	C	Manage in Place	
1	Room C123	Vinyl Floor Tiles (9"x9"-White and Black)	Confirmed	Non-Friable	Good Condition	Easy	Low	80	SF	Manage in Place	
1	Room L111	Ceiling Plaster (White and Beige Layers)	Confirmed	Friable	Good Condition	Difficult	Low	185	SF	Manage in Place	
1	Room L113	Drywall Joint Compound	Confirmed	Non-Friable	Fair Condition	Easy	Low	4	SF	Monitor Condition of Material. Consider Removal or Repair.	Wall

Floor/Level	Location	Type of ACM	Asbestos Confirmed/ Suspected	Friable/Non-Friable	Damaged/ Deteriorated	Accessibility	Level of Work Near Material	Approx. Quantity	Unit	Recommended Action	Comments
1	Room L115	Ceiling Plaster (White and Beige Layers)	Confirmed	Friable	Good Condition	Difficult	Low	80	SF	Manage in Place	
1	Room L115	Ceiling Plaster (White and Beige Layers)	Confirmed	Friable	Fair Condition	Difficult	Low	2	SF	Monitor Condition of Material. Consider Removal or Repair.	Holes in Ceiling
1	Room L117	Ceiling Plaster (White and Beige Layers)	Confirmed	Friable	Good Condition	Difficult	Low	270	SF	Manage in Place	
1	Room L117	Wall Plaster	Confirmed	Friable	Fair Condition	Difficult	Low	1	SF	Monitor Condition of Material. Consider Removal or Repair.	Cracks in Wall
1	Room L119	Ceiling Plaster (White and Beige Layers)	Confirmed	Friable	Good Condition	Difficult	Low	185	SF	Manage in Place	
1	Room L121	Ceiling Plaster (White and Beige Layers)	Confirmed	Friable	Good Condition	Difficult	Low	185	SF	Manage in Place	
1	Room L121	Wall Plaster	Confirmed	Friable	Fair Condition	Difficult	Low	1	SF	Monitor Condition of Material. Consider Removal or Repair.	Cracks in Wall
1	Room L123	Ceiling Plaster (White and Beige Layers)	Confirmed	Friable	Good Condition	Difficult	Low	1,485	SF	Manage in Place	
1	Room L125	Ceiling Plaster (White and Beige Layers)	Confirmed	Friable	Good Condition	Difficult	Low	90	SF	Manage in Place	
1	Room L129	Ceiling Plaster (White and Beige Layers)	Confirmed	Friable	Good Condition	Difficult	Low	465	SF	Manage in Place	

Floor/Level	Location	Type of ACM	Asbestos Confirmed/ Suspected	Friable/Non-Friable	Damaged/ Deteriorated	Accessibility	Level of Work Near Material	Approx. Quantity	Unit	Recommended Action	Comments
1	Room L131	Ceiling Plaster (White and Beige Layers)	Confirmed	Friable	Good Condition	Difficult	Low	145	SF	Manage in Place	
1	Room L133	Ceiling Plaster (White and Beige Layer)	Confirmed	Friable	Good Condition	Difficult	Low	30	SF	Manage in Place	
1	Room L139	Ceiling Plaster (White and Beige Layers)	Confirmed	Friable	Good Condition	Difficult	Low	35	SF	Manage in Place	
1	Room L139A	Ceiling Plaster (White and Beige Layers)	Confirmed	Friable	Good Condition	Difficult	Low	180	SF	Manage in Place	
1	Room L139A	Texture Finish	Confirmed	Friable	Good Condition	Difficult	Low	180	SF	Manage in Place	
1	Room L141	Ceiling Plaster (White and Beige Layers)	Confirmed	Friable	Good Condition	Difficult	Low	160	SF	Manage in Place	
1	Room M155	Drywall Joint Compound	Confirmed	Non-Friable	Poor Condition	Difficult	Low	4	SF	Repair or Remove Following Type 1 Abatement Procedures	Wall
1	Room M158	Drywall Joint Compound	Confirmed	Non-Friable	Fair Condition	Difficult	Low	1	SF	Monitor Condition of Material. Consider Removal or Repair.	Wall
1	Room M162	Drywall Joint Compound	Confirmed	Non-Friable	Fair Condition	Difficult	Low	3	LF	Monitor Condition of Material. Consider Removal or Repair.	Wall
1	Room N100E	Drywall Joint Compound	Confirmed	Non-Friable	Fair Condition	Difficult	Low	5	SF	Monitor Condition of Material. Consider Removal or Repair.	Wall
1	Room N100E	Drywall Joint Compound	Confirmed	Non-Friable	Poor Condition	Difficult	Low	8	SF	Repair or Remove Following Type 1 Abatement Procedures	Wall
1	Room N101	Vinyl Floor Tiles (9"x9"-Green and White Stripes)	Confirmed	Non-Friable	Good Condition	Difficult	Low	95	SF	Manage in Place	
1	Room N103	Mechanical Pipe Straight Insulation	Confirmed	Friable	Good Condition	Difficult	Low	10	LF	Manage in Place	
1	Room N103	Mechanical Pipe Fittings/Elbows Insulation	Confirmed	Friable	Good Condition	Difficult	Low	4	C	Manage in Place	
1	Room N107A	Mechanical Pipe Straight Insulation	Confirmed	Friable	Good Condition	Difficult	Low	30	LF	Manage in Place	
1	Room N107A	Mechanical Pipe Fittings/Elbows Insulation	Confirmed	Friable	Good Condition	Difficult	Low	18	C	Manage in Place	
1	Room C105B	Drywall Joint Compound	Confirmed	Non-Friable	Good Condition	Easy	Low	Throughout	-	Manage in Place	



Floor/Level	Location	Type of ACM	Asbestos Confirmed/ Suspected	Friable/Non-Friable	Damaged/ Deteriorated	Accessibility	Level of Work Near Material	Approx. Quantity	Unit	Recommended Action	Comments
1	Room N104	Vinyl Floor Tiles (9"x9"-Green Coloured)	Confirmed	Non-Friable	Good Condition	Easy	Low	172	SF	Manage in Place	
1	Room N105	Vinyl Floor Tiles (9"x9"-Green Coloured)	Confirmed	Non-Friable	Good Condition	Easy	Low	160	SF	Manage in Place	
1	Room N107	Vinyl Floor Tiles (9"x9"-Green Coloured)	Confirmed	Non-Friable	Good Condition	Easy	Low	172	SF	Manage in Place	
1	Room N108	Vinyl Floor Tiles (9"x9"-Grey Coloured)	Confirmed	Non-Friable	Good Condition	Easy	Low	140	SF	Manage in Place	
1	Room N109	Vinyl Sheet Flooring	Confirmed	Non-Friable	Enclosed	Easy	Low	216	SF	Manage in Place	

Floor/Level	Location	Type of ACM	Asbestos Confirmed/ Suspected	Friable/Non-Friable	Damaged/ Deteriorated	Accessibility	Level of Work Near Material	Approx. Quantity	Unit	Recommended Action	Comments
1	Room N109	Vinyl Floor Tiles (9"x9"-Green Coloured)	Confirmed	Non-Friable	Good Condition	Easy	Low	216	SF	Manage in Place	
1	Room N111	Vinyl Floor Tiles (9"x9"-Grey Coloured)	Confirmed	Non-Friable	Good Condition	Easy	Low	180	SF	Manage in Place	
1	Room N112	Vinyl Floor Tiles (9"x9"-Green Coloured)	Confirmed	Non-Friable	Good Condition	Easy	Low	194	SF	Manage in Place	
1	Room N114	Vinyl Floor Tiles (9"x9"-Green Coloured)	Confirmed	Non-Friable	Good Condition	Easy	Low	500	SF	Manage in Place	
1	Room N120	Drywall Joint Compound	Confirmed	Non-Friable	Poor Condition	Easy	Low	2	SF	Repair or Remove Following Type 1 Abatement Procedures	
1	Room N100	Ceiling Plaster (White and Beige Layers)	Confirmed	Friable	Good Condition	Difficult	Low	600	SF	Manage in Place	
2	Throughout Level	Ceiling Plaster (White and Beige Layers)	Confirmed	Friable	Good Condition	Difficult	Low	-	-	Manage in Place	
2	Throughout Level	Drywall Joint Compound	Confirmed	Non-Friable	Good Condition	Easy	Low	-	-	Manage in Place	
2	Throughout Level	Fire Doors	Confirmed	-	Good Condition	Easy	Low	-	-	Manage in Place	
2	Room C207C	Vinyl Floor Tiles (9"x9"-White and Black)	Confirmed	Non-Friable	Good Condition	Easy	Low	70	SF	Manage in Place	
2	Room C213B	Wall Plaster	Confirmed	Friable	Fair Condition	Easy	Low	1	SF	Monitor Condition of Material. Consider Removal or Repair.	Holes in Wall
2	Room C213C	Wall Plaster	Confirmed	Friable	Fair Condition	Easy	Low	6	SF	Monitor Condition of Material. Consider Removal or Repair.	Cracks in Wall
2	Room C214	Wall Plaster	Confirmed	Friable	Fair Condition	Easy	Low	3	LF	Monitor Condition of Material. Consider Removal or Repair.	Cracks in Wall
2	Room C217B	Wall Plaster	Confirmed	Friable	Fair Condition	Easy	Low	2	LF	Monitor Condition of Material. Consider Removal or Repair.	Cracks in Wall
2	Room C217B	Wall Plaster	Confirmed	Friable	Fair Condition	Easy	Low	3	LF	Monitor Condition of Material. Consider Removal or Repair.	Cracks in Wall
2	Room C218	Wall Plaster	Confirmed	Friable	Fair Condition	Easy	Low	7	LF	Monitor Condition of Material. Consider Removal or Repair.	Cracks in Wall
2	Room L242	Vinyl Floor Tiles (12"x12"-Beige with Brown Mottling)	Confirmed	Non-Friable	Good Condition	Easy	Low	40	SF	Manage in Place	

Floor/Level	Location	Type of ACM	Asbestos Confirmed/ Suspected	Friable/Non-Friable	Damaged/ Deteriorated	Accessibility	Level of Work Near Material	Approx. Quantity	Unit	Recommended Action	Comments
2	Room M281B	Wall Plaster	Confirmed	Friable	Fair Condition	Easy	Low	3	LF	Monitor Condition of Material. Consider Removal or Repair.	Cracks in Wall
2	Room N200	Vinyl Floor Tiles (9"x9"-Green and White)	Confirmed	Non-Friable	Good Condition	Easy	Low	750	SF	Manage in Place	
2	Room N200A	Vinyl Floor Tiles (9"x9"-Green and White)	Confirmed	Non-Friable	Good Condition	Easy	Low	10	SF	Manage in Place	
2	Room N200B	Vinyl Floor Tiles (9"x9"-Green and White)	Confirmed	Non-Friable	Good Condition	Easy	Low	125	SF	Manage in Place	
2	Room N200C	Drywall Joint Compound	Confirmed	Non-Friable	Fair Condition	Easy	Low	2	SF	Monitor Condition of Material. Consider Removal or Repair.	Cracks in Wall
2	Room N200C	Vinyl Floor Tiles (9"x9"-Green and White)	Confirmed	Non-Friable	Good Condition	Easy	Low	65	SF	Manage in Place	
2	Room N211	Wall Plaster	Confirmed	Friable	Fair Condition	Easy	Low	6	SF	Monitor Condition of Material. Consider Removal or Repair.	Cracks in Wall
2	Room N223	Drywall Joint Compound	Confirmed	Non-Friable	Fair Condition	Easy	Low	4	LF	Monitor Condition of Material. Consider Removal or Repair.	Cracks in Wall
2	Room N223	Vinyl Floor Tiles (9"x9"-Green and White)	Confirmed	Non-Friable	Good Condition	Easy	Low	90	SF	Manage in Place	
2	Room W261	Interior Window Frame Caulking (Black)	Confirmed	Non-Friable	Fair Condition	Easy	Low	4	LF	Monitor Condition of Material. Consider Removal or Repair.	
2	Room L244B	Wall Plaster	Confirmed	Friable	Good Condition	Moderate	Low	150	SF	Manage in Place	
3	Throughout Level	Ceiling Plaster (White and Beige)	Confirmed	Friable	Good Condition	Difficult	Low	-	-	Manage in Place	
3	Throughout Level	Drywall Joint Compound	Confirmed	Non-Friable	Good Condition	Easy	Low	-	-	Manage in Place	
3	Throughout Level	Fire Doors	Confirmed	-	Good Condition	Easy	Low	-	-	Manage in Place	
3	Room C300	Wall Plaster	Confirmed	Friable	Fair Condition	Easy	Low	25	LF	Monitor Condition of Material. Consider Removal or Repair.	Crack in Walls
3	Room C304	Window Glazing (Black)	Confirmed	Non-Friable	Good Condition	Easy	Low	3	LF	Manage in Place	
3	Room C309	Wall Plaster	Confirmed	Friable	Fair Condition	Easy	Low	8	LF	Monitor Condition of Material. Consider Removal or Repair.	Crack in Wall

Floor/Level	Location	Type of ACM	Asbestos Confirmed/ Suspected	Friable/Non-Friable	Damaged/ Deteriorated	Accessibility	Level of Work Near Material	Approx. Quantity	Unit	Recommended Action	Comments
3	Room C313	Wall Plaster	Confirmed	Friable	Fair Condition	Easy	Low	5	LF	Monitor Condition of Material. Consider Removal or Repair.	Crack in Walls
3	Room C315	Wall Plaster	Confirmed	Friable	Fair Condition	Easy	Low	8	LF	Monitor Condition of Material. Consider Removal or Repair.	Crack in Walls
3	Room C364D	Wall Plaster	Confirmed	Friable	Fair Condition	Easy	Low	3	LF	Monitor Condition of Material. Consider Removal or Repair.	Crack in Wall
3	Room C370	Wall Plaster	Confirmed	Friable	Fair Condition	Easy	Low	10	LF	Monitor Condition of Material. Consider Removal or Repair.	Crack in Walls
3	Room C370E	Ceiling Plaster (White and Beige Layers)	Confirmed	Friable	Fair Condition	Difficult	Low	3	SF	Monitor Condition of Material. Consider Removal or Repair.	Crack in Ceiling
3	Room C374	Wall Plaster	Confirmed	Friable	Fair Condition	Easy	Low	1	LF	Monitor Condition of Material. Consider Removal or Repair.	Crack in Wall
3	Room L340	Suspended Ceiling Tiles (2'x4'-Pinholes and Large Fissures)	Confirmed	-	Good Condition	Difficult	Low	150	SF	Manage in Place	
3	Room L360	Wall Plaster	Confirmed	Friable	Fair Condition	Easy	Low	2	SF	Monitor Condition of Material. Consider Removal or Repair.	Bubble on Wall
3	Room M380	Wall Plaster	Confirmed	Friable	Fair Condition	Easy	Low	3	LF	Monitor Condition of Material. Consider Removal or Repair.	Crack in Wall
3	Room M381	Interior Window Frame Caulking (Black)	Confirmed	Non-Friable	Fair Condition	Easy	Low	4	LF	Monitor Condition of Material. Consider Removal or Repair.	
3	Room M381A	Interior Window Frame Caulking (Black)	Confirmed	Non-Friable	Fair Condition	Easy	Low	4	LF	Monitor Condition of Material. Consider Removal or Repair.	
3	Room M382	Plaster	Confirmed	Friable	Fair Condition	Difficult	Low	6	LF	Monitor Condition of Material. Consider Removal or Repair.	Crack in Pillar
3	Room M383	Interior Window Frame Caulking (Black)	Confirmed	Non-Friable	Fair Condition	Easy	Low	4	LF	Monitor Condition of Material. Consider Removal or Repair.	

Floor/Level	Location	Type of ACM	Asbestos Confirmed/ Suspected	Friable/Non-Friable	Damaged/ Deteriorated	Accessibility	Level of Work Near Material	Approx. Quantity	Unit	Recommended Action	Comments
3	Room M386	Ceiling Plaster (White and Beige Layers)	Confirmed	Friable	Poor Condition	Difficult	Low	2	SF	Repair or Remove Following Type 1/2 Abatement Procedures	
3	Room M386	Wall Plaster	Confirmed	Friable	Fair Condition	Easy	Low	1	SF	Monitor Condition of Material. Consider Removal or Repair.	
3	Room M386A	Plaster	Confirmed	Friable	Fair Condition	Easy	Low	3	SF	Monitor Condition of Material. Consider Removal or Repair.	Crack in Pillar
3	Room M386B	Ceiling Plaster (White and Beige Layers)	Confirmed	Friable	Poor Condition	Difficult	Low	1	SF	Repair or Remove Following Type 1/2 Abatement Procedures	
3	Room M386B	Ceiling Plaster (White and Beige Layers)	Confirmed	Friable	Fair Condition	Difficult	Low	1	SF	Monitor Condition of Material. Consider Removal or Repair.	Crack in Ceiling
2	Room M386B	Plaster	Confirmed	Friable	Fair Condition	Easy	Low	2	LF	Monitor Condition of Material. Consider Removal or Repair.	Crack in Pillar
2	Room M386B	Plaster	Confirmed	Friable	Poor Condition	Easy	Low	1	SF	Repair or Remove Following Type 1/2 Abatement Procedures	Crack in Pillar
3	Room M386B	Interior Window Frame Caulking (Black)	Confirmed	Non-Friable	Fair Condition	Easy	Low	4	LF	Monitor Condition of Material. Consider Removal or Repair.	
3	Room M386E	Interior Window Frame Caulking (Black)	Confirmed	Non-Friable	Fair Condition	Easy	Low	4	LF	Monitor Condition of Material. Consider Removal or Repair.	
3	Room M386F	Interior Window Frame Caulking (Black)	Confirmed	Non-Friable	Fair Condition	Easy	Low	4	LF	Monitor Condition of Material. Consider Removal or Repair.	
3	Room M386G	Wall Plaster	Confirmed	Friable	Fair Condition	Easy	Low	1	SF	Monitor Condition of Material. Consider Removal or Repair.	
3	Room M388	Ceiling Plaster (White and Beige Layers)	Confirmed	Friable	Fair Condition	Difficult	Low	4	SF	Monitor Condition of Material. Consider Removal or Repair.	Wall Bubble & Ceiling Cracks
3	Room M396	Drywall Joint Compound	Confirmed	Non-Friable	Poor Condition	Easy	Low	2	SF	Repair or Remove Following Type 1 Abatement Procedures	
3	Room W323	Wall Plaster	Confirmed	Friable	Fair Condition	Easy	Low	2	SF	Monitor Condition of Material. Consider Removal or Repair.	Crack in Walls
3	Room W325	Wall Plaster	Confirmed	Friable	Fair Condition	Easy	Low	2	SF	Monitor Condition of Material. Consider Removal or Repair.	Crack in Walls

Floor/Level	Location	Type of ACM	Asbestos Confirmed/ Suspected	Friable/Non-Friable	Damaged/ Deteriorated	Accessibility	Level of Work Near Material	Approx. Quantity	Unit	Recommended Action	Comments
3	Room W329	Ceiling Plaster (White and Beige Layers)	Confirmed	Friable	Fair Condition	Easy	Low	3	SF	Monitor Condition of Material. Consider Removal or Repair.	Crack in Ceiling
3	Room W331	Wall Plaster	Confirmed	Friable	Fair Condition	Easy	Low	6	LF	Monitor Condition of Material. Consider Removal or Repair.	Crack in Walls
3	Room W335	Mechanical Pipe Straight Insulation	Confirmed	Friable	Good Condition	Difficult	Low	6	LF	Manage in Place	
4	Throughout Level	Drywall Joint Compound	Confirmed	Non-Friable	Good Condition	Easy	Low	-	-	Monitor Condition of Material. Consider Removal or Repair.	
4	Throughout Level	Ceiling Plaster (White and Beige Layers)	Confirmed	Friable	Good Condition	Easy	Low	-	-	Manage in Place	
4	Throughout Level	Fire Doors	Suspected	-	Good Condition	Easy	Low	-	-	Manage in Place	
4	Room C401A	Vinyl Floor Tiles (12"x12"-Beige with Brown Streaks)	Confirmed	Non-Friable	Good Condition	Easy	Low	100	SF	Manage in Place	
4	Room C401A	Ceiling Plaster (White and Beige Layers)	Confirmed	Friable	Poor Condition	Difficult	Low	1	SF	Remove Following Type 2 Abatement Procedures	
4	Room C450C	Vinyl Floor Tiles (12"x12"-Cream and Brown Coloured)	Confirmed	Non-Friable	Fair Condition	Easy	Low	300	SF	Monitor Condition of Material. Consider Removal or Repair.	

Floor/Level	Location	Type of ACM	Asbestos Confirmed/ Suspected	Friable/Non-Friable	Damaged/ Deteriorated	Accessibility	Level of Work Near Material	Approx. Quantity	Unit	Recommended Action	Comments
4	Room C452	Drywall Joint Compound	Confirmed	Non-Friable	Poor Condition	Easy	Low	2	SF	Repair or Remove Following Type 1 Abatement Procedures	
4	Room C455	Brick Mortar (Dark Grey)	Confirmed	Non-Friable	Fair Condition	Easy	Low	60	SF	Monitor Condition of Material. Consider Removal or Repair.	
4	Room C455A	Brick Mortar (Dark Grey)	Confirmed	Non-Friable	Fair Condition	Easy	Low	60	SF	Monitor Condition of Material. Consider Removal or Repair.	
4	Room C456	Brick Mortar (Dark Grey)	Confirmed	Non-Friable	Fair Condition	Easy	Low	60	SF	Monitor Condition of Material. Consider Removal or Repair.	
4	Room C458	Brick Mortar (Dark Grey)	Confirmed	Non-Friable	Fair Condition	Easy	Low	60	SF	Monitor Condition of Material. Consider Removal or Repair.	
4	Room C459	Vinyl Floor Tiles (12"x12"-Cream and Brown Coloured)	Confirmed	Non-Friable	Fair Condition	Easy	Low	85	SF	Monitor Condition of Material. Consider Removal or Repair.	
4	Room C459	Drywall Joint Compound	Confirmed	-	Poor Condition	Easy	Low	15	SF	Remove Following Type 2 Abatement Procedures	
4	Room M400	Ceiling Plaster (White and Beige Layers)	Confirmed	Friable	Good Condition	Difficult	Low	80	SF	Manage in Place	
4	Room M401	Ceiling Plaster (White and Beige Layers)	Confirmed	Friable	Poor Condition	Easy	Low	4	SF	Remove Following Type 2 Abatement Procedures	Poor condition plaster observed on base of walls
4	Room M401	Vinyl Floor Tiles (12"x12"-Beige with Brown Streaks)	Confirmed	Non-Friable	Good Condition	Easy	Low	54	SF	Manage in Place	
4	Room M401	Wall Plaster	Confirmed	Friable	Fair Condition	Easy	Low	24	LF	Monitor Condition of Material. Consider Removal or Repair.	Crack in Walls
4	Room M402	Plaster	Confirmed	Friable	Fair Condition	Easy	Low	8	LF	Monitor Condition of Material. Consider Removal or Repair.	Crack in Pillar
4	Room M403	Plaster	Confirmed	Friable	Fair Condition	Easy	Low	1	LF	Monitor Condition of Material. Consider Removal or Repair.	Crack in Pillar
4	Room M404	Plaster	Confirmed	Friable	Fair Condition	Easy	Low	12	LF	Monitor Condition of Material. Consider Removal or Repair.	Crack in Pillar
4	Room M404	Plaster	Confirmed	Friable	Poor Condition	Easy	Low	1	SF	Remove Following Type 2 Abatement Procedures	Crack in Pillar
4	Room M405	Plaster	Confirmed	Friable	Fair Condition	Easy	Low	1	SF	Monitor Condition of Material. Consider Removal or Repair.	Crack in Wall



Floor/Level	Location	Type of ACM	Asbestos Confirmed/ Suspected	Friable/Non-Friable	Damaged/ Deteriorated	Accessibility	Level of Work Near Material	Approx. Quantity	Unit	Recommended Action	Comments
4	Room M406	Wall Plaster	Confirmed	Friable	Fair Condition	Easy	Low	8	LF	Monitor Condition of Material. Consider Removal or Repair.	Crack in Walls
4	Room M407	Plaster	Confirmed	Friable	Fair Condition	Easy	Low	6	LF	Monitor Condition of Material. Consider Removal or Repair.	Crack in Pillar
4	Room M408	Wall Plaster	Confirmed	Friable	Fair Condition	Easy	Low	6	LF	Monitor Condition of Material. Consider Removal or Repair.	Crack in Walls
4	Room M409A	Plaster	Confirmed	Friable	Fair Condition	Easy	Low	2	LF	Monitor Condition of Material. Consider Removal or Repair.	Crack in Pillar
4	Room M410	Wall Plaster	Confirmed	Friable	Fair Condition	Easy	Low	2	LF	Monitor Condition of Material. Consider Removal or Repair.	Crack in Wall
4	Room M411	Plaster	Confirmed	Friable	Fair Condition	Easy	Low	1	LF	Monitor Condition of Material. Consider Removal or Repair.	Crack in Pillar
4	Room M411	Plaster	Confirmed	Friable	Poor Condition	Easy	Low	2	SF	Remove Following Type 2 Abatement Procedures	Crack in Pillar
4	Room M413A	Wall Plaster	Confirmed	Friable	Fair Condition	Easy	Low	3	LF	Monitor Condition of Material. Consider Removal or Repair.	Crack in Corner
4	Room M414	Drywall Joint Compound	Confirmed	Non-Friable	Good Condition	Easy	Low	Throughout	-	Manage in Place	
4	Room M415A	Wall Plaster	Confirmed	Friable	Fair Condition	Easy	Low	12	SF	Monitor Condition of Material. Consider Removal or Repair.	Crack in Corner
4	Room M418B	Wall Plaster	Confirmed	Friable	Fair Condition	Easy	Low	1	SF	Monitor Condition of Material. Consider Removal or Repair.	Crack in Corner
4	Room M422	Ceiling Plaster (White and Beige Layers)	Confirmed	Friable	Fair Condition	Easy	Low	2	SF	Monitor Condition of Material. Consider Removal or Repair.	Ceiling Bubble
4	Room M401	Wall Plaster	Confirmed	Friable	Fair Condition	Easy	Low	30	LF	Monitor Condition of Material. Consider Removal or Repair.	Crack in Walls
5	Room A501	Drywall Joint Compound	Confirmed	Non-Friable	Good Condition	Easy	Low	Throughout	-	Manage in Place	
5	Room M501	Wall Plaster	Confirmed	Friable	Fair Condition	Easy	Low	1	SF	Monitor Condition of Material. Consider Removal or Repair.	Holes in Wall
5	Throughout Level	Ceiling Plaster (White and Beige Layers)	Confirmed	Friable	Good Condition	Easy	Low	Throughout	-	Manage in Place	

Floor/Level	Location	Type of ACM	Asbestos Confirmed/ Suspected	Friable/Non- Friable	Damaged/ Deteriorated	Accessibility	Level of Work Near Material	Approx. Quantity	Unit	Recommended Action	Comments
6	Throughout Level	Drywall Joint Compound	Confirmed	Non-Friable	Good Condition	Easy	Low	Throughout	-	Manage in Place	
Roof	Throughout Level	Roofing Materials	Suspected	-	Good Condition	Easy	Low	-	-	Manage in Place	

## APPENDIX F

### Hazardous Containing Materials Checklists

Floor/Level	Location	Type	Component	Colour	Condition	Manufacturer	Quantity #	Unit	Suspected/ Confirmed	Recommended Action	Comments
00	Throughout Level	Lead	Battery Pack	N/A	Good Condition	N/A	-	-	Confirmed	Manage in Place	
00	L-Wing Window Frame	Lead	Paint	White	Good Condition	N/A	Throughout	-	Confirmed	Manage in Place	
00	Room M093 (Stairwell F)	Lead	Paint	Beige	Good Condition	N/A	Throughout	-	Confirmed	Manage in Place	
00	Room N003	Lead	Paint	OffWhite	Good Condition	N/A	Throughout	-	Confirmed	Manage in Place	
00	Room N005	Mercury	Thermometers, Pressure Gauges, Float Switch	N/A	Good Condition	N/A	3	C	Confirmed	Manage in Place	
00	Throughout Level	Mercury	Fluorescent Light Tubes	N/A	Good Condition	Various	-	-	Confirmed	Manage in Place	
00	Throughout Level	Silica	Concrete, Mortar, Etc.	N/A	Good Condition	N/A	-	-	Confirmed	Manage in Place	
00	Room W0011B	Mould/ Water Damage	Ceiling Tiles	N/A	Poor Condition	N/A	1	C	Confirmed	Should be replaced as part of regular maintenance.	*Asbestos-containing drywall joint compound is present. Please follow.
00	Room W0011E	Water Damage	Ceiling Tiles	N/A	Poor Condition	N/A	2	C	Confirmed	Should be replaced as part of regular maintenance.	*Asbestos-containing drywall joint compound is present. Please follow.
00	Room W0011F	Mould/ Water Damage	Ceiling Tiles	N/A	Poor Condition	N/A	1	C	Confirmed	Should be replaced as part of regular maintenance.	*Asbestos-containing drywall joint compound is present. Please follow.
00	Room W0011G	Water Damage	Ceiling Tiles	N/A	Poor Condition	N/A	2	C	Confirmed	Should be replaced as part of regular maintenance.	*Asbestos-containing drywall joint compound is present. Please follow.
0	Throughout Level	Lead	Battery Pack	N/A	Good Condition	N/A	-	-	Confirmed	Manage in Place	
0	Throughout Level	Mercury	Fluorescent Light Tubes	N/A	Good Condition	Various	-	-	Confirmed	Manage in Place	

Floor/Level	Location	Type	Component	Colour	Condition	Manufacturer	Quantity #	Unit	Suspected/ Confirmed	Recommended Action	Comments
0	Throughout Level	Silica	Concrete, Mortar, Etc.	N/A	Good Condition	N/A	-	-	Confirmed	Manage in Place	
0	Room C08	Lead	Paint	OffWhite	Poor Condition	N/A	4	SF	Confirmed	Paint must be removed and/or stabilized following Class 1/2 or Type 1/2 lead Procedures as per MOL and EACC Guidelines.	
0	Room C013	Mould/ Water Damage	Drywall	N/A	Poor Condition	N/A	4	SF	Confirmed	Must be removed following Level I mould remediation procedures, as per EACC Guidelines.	*Asbestos-containing drywall joint
0	Room L040	Lead	Paint	Beige	Good Condition	NA	Throughout	-	Confirmed	Manage in Place	
0	Room L058	Water Damage	Ceiling Tiles	N/A	Poor Condition	N/A	2	C	Confirmed	Should be replaced as part of regular maintenance.	Asbestos containing Ceiling Tile
0	Room L060	Water Damage	Ceiling Tiles	N/A	Poor Condition	N/A	1	C	Confirmed	Should be replaced as part of regular maintenance.	
0	Room L070B	Lead	Paint	Beige	Good Condition	N/A	Throughout	-	Confirmed	Manage in Place	
0	Room L070B	Water Damage	Ceiling Tiles	N/A	Poor Condition	N/A	1	C	Confirmed	Should be replaced as part of regular maintenance.	
0	Room L070B	Mould/ Water Damage	Drywall	N/A	Poor Condition	N/A	20	SF	Confirmed	Must be removed following Level II mould remediation procedures, as per EACC Guidelines.	
0	Room L070D	Lead	Paint	Beige	Poor Condition	N/A	15	SF	Confirmed	Paint must be removed and/or stabilized following Class 1/2 or Type 1/2 lead Procedures as per MOL and EACC Guidelines.	

Floor/Level	Location	Type	Component	Colour	Condition	Manufacturer	Quantity #	Unit	Suspected/ Confirmed	Recommended Action	Comments
0	Room M084	Ozone Depleting Substances (ODS)	Refrigerator/Freezer/Mini- Fridge/Water Cooler	N/A	Good Condition	Various	3	C	Confirmed	Manage in Place	R134A
0	Room M086	Lead	Paint	Pink	Good Condition	N/A	Throughout	-	Confirmed	Manage in Place	
0	Room M086	Water Damage	Ceiling Tiles	N/A	Poor Condition	N/A	1	C	Confirmed	Should be replaced as part of regular maintenance.	
0	Room N0109	Mould/ Water Damage	Drywall	N/A	Poor Condition	N/A	4	SF	Confirmed	Must be removed following Level I mould remediation procedures, as per EACC Guidelines	Asbestos-containing drywall joint compound is present. Please follow
0	Room N0116	Ozone Depleting Substances (ODS)	Refrigerator/Freezer/Mini- Fridge/Water Cooler	N/A	Good Condition	Frigidaire	2	C	Confirmed	Manage in Place	R134A
0	Room W021A	Lead	Paint	Blue	Good Condition	N/A	Throughout	-	Confirmed	Manage in Place	
0	Room W027B	Ozone Depleting Substances (ODS)	Refrigerator/Freezer/Mini- Fridge/Water Cooler	N/A	Good Condition	Kelvinator	1	C	Confirmed	Manage in Place	
0	Room W032	Ozone Depleting Substances (ODS)	Refrigerator/Freezer/Mini- Fridge/Water Cooler	N/A	Good Condition	N/A	1	C	Confirmed	Manage in Place	
1	Throughout Level	Lead	Battery Pack	N/A	Good Condition	N/A	-	-	Confirmed	Manage in Place	
1	Room C149	Lead	Paint	Pink	Good Condition	N	-	-	Confirmed	Manage in Place	
1	Room L137	Lead	Paint	Pink	Good Condition	N/A	10	SF	Confirmed	Manage in Place	
1	Throughout Level	Mercury	Fluorescent Light Tubes	N/A	Good Condition	Various	-	-	Confirmed	Manage in Place	
1	Throughout Level	Silica	Concrete, Mortar, Etc.	N/A	Good Condition	N/A	-	-	Confirmed	Manage in Place	
2	Throughout Level	Lead	Battery Pack	N/A	Good Condition	N/A	-	-	Confirmed	Manage in Place	
2	Room M282	Lead	Paint	Beige/Tan	Good Condition	N/A	Throughout	-	Confirmed	Manage in Place	
2	Room W261	Lead	Paint	Light Blue	Good Condition	N/A	Throughout	-	Confirmed	Manage in Place	
2	Throughout Level	Mercury	Fluorescent Light Tubes	N/A	Good Condition	Various	-	-	Confirmed	Manage in Place	
2	Throughout Level	Silica	Concrete, Mortar, Etc.	N/A	Good Condition	N/A	-	-	Confirmed	Manage in Place	
2	Room C209	Ozone Depleting Substances (ODS)	Refrigerator/Freezer/Mini- Fridge/Water Cooler	N/A	Good Condition	Amana	1	C	Confirmed	Manage in Place	
2	Room M089	Water Damage	Ceiling Tiles	N/A	Fair Condition	N/A	1	C	Confirmed	Should be replaced as part of regular maintenance.	Asbestos containing Ceiling Tile

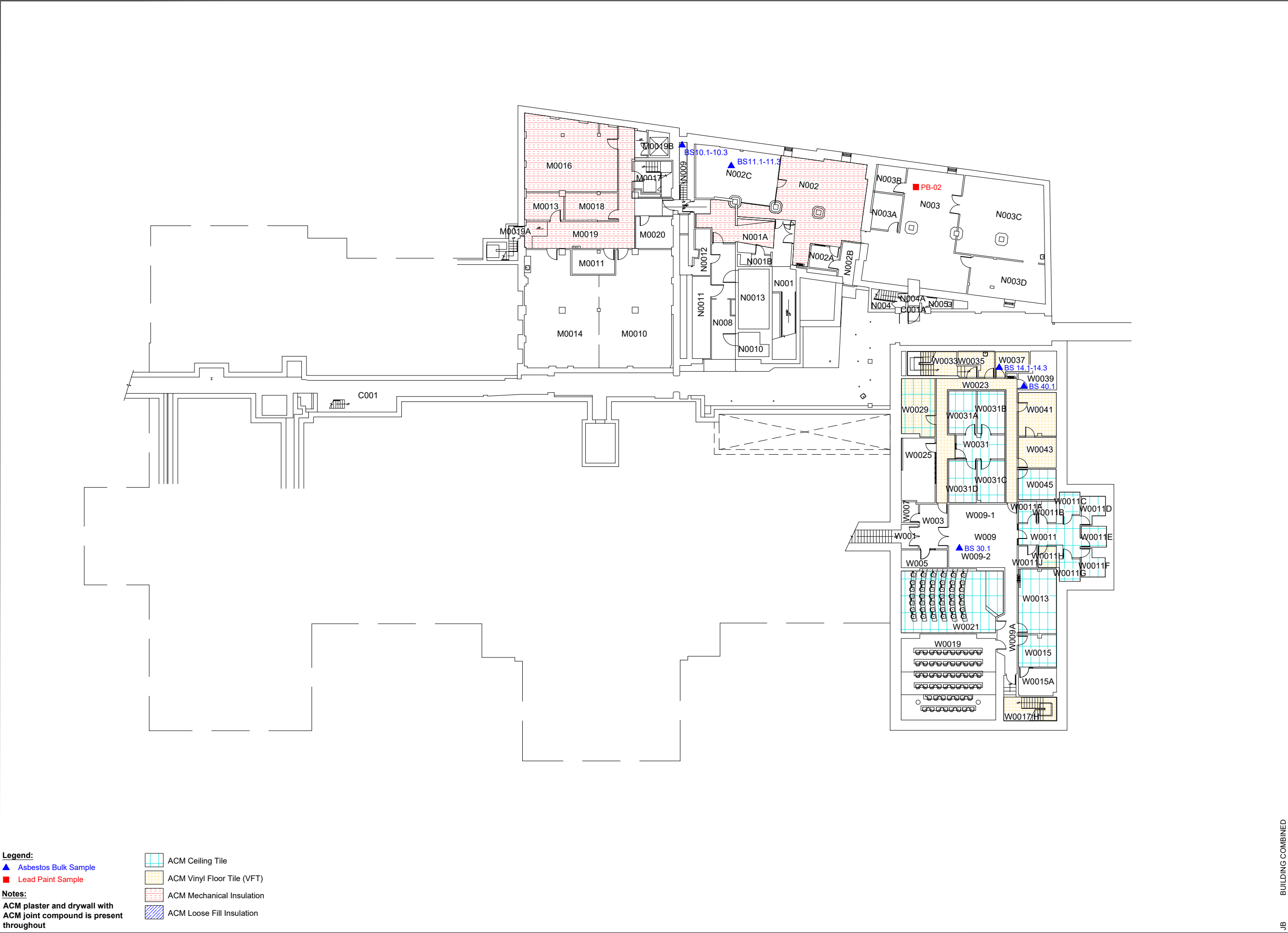
Floor/Level	Location	Type	Component	Colour	Condition	Manufacturer	Quantity #	Unit	Suspected/ Confirmed	Recommended Action	Comments
1	Room C123	Lead	Paint	Beige	Poor Condition	N/A	2	SF	Confirmed	Paint must be removed and/or stabilized following Class 1/2 or Type 1/2 lead Procedures as per MOL and EACC Guidelines.	Ceiling
2	Room M286	Mould/ Water Damage	Ceiling Tiles	N/A	Poor Condition	N/A	10	C	Confirmed	Should be replaced as part of regular maintenance.	*Asbestos-containing drywall joint compound is present.
2	Room m297	Water Damage	Ceiling Tiles	N/A	Poor Condition	N/A	1	C	Confirmed	Should be replaced as part of regular maintenance.	



Floor/Level	Location	Type	Component	Colour	Condition	Manufacturer	Quantity #	Unit	Suspected/ Confirmed	Recommended Action	Comments
2	Room N207	Ozone Depleting Substances (ODS)	Refrigerator/Freezer/Mini- Fridge/Water Cooler	N/A	Good Condition	Frigidaire	1	C	Confirmed	Manage in Place	R134A
2	Room N216	Lead	Paint	Beige	Poor Condition	N/A	5	SF	Confirmed	Paint must be removed and/or stabilized following Class 1/2 or Type 1/2 lead Procedures as per MOL and EACC Guidelines.	
3	Throughout Level	Lead	Battery Pack	N/A	Good Condition	N/A	-	-	Confirmed	Manage in Place	
3	Room L378J	Lead	Paint	Grey	Good Condition	N/A	30	LF	Confirmed	Manage in Place	
3	Room L378J	Lead	Paint	White	Good Condition	N	Throughout	-	Confirmed	Manage in Place	
3	Room N333A	Lead	Paint	OffWhite	Good Condition	N/A	Throughout	-	Confirmed	Manage in Place	
3	Throughout Level	Mercury	Fluorescent Light Tubes	N/A	Good Condition	Various	-	-	Confirmed	Manage in Place	
3	Throughout Level	Silica	Concrete, Mortar, Etc.	N/A	Good Condition	N/A	-	-	Confirmed	Manage in Place	
3	M370E	Ozone Depleting Substances (ODS)	Refrigerator/Freezer/Mini- Fridge/Water Cooler	N/A	Good Condition	N/A	1	C	Confirmed	Manage in Place	R134A
3	Room M382	Lead	Paint	Beige	Poor Condition	N/A	10	SF	Confirmed	Paint must be removed and/or stabilized following Class 1/2 or Type 1/2 lead Procedures as per MOL and EACC Guidelines.	
3	Room W335	Water Damage	Ceiling Tiles	N/A	Poor Condition	N/A	1	C	Confirmed	Should be replaced as part of regular maintenance.	
4	Throughout Level	Lead	Battery Pack	N/A	Good Condition	N/A	-	-	Confirmed	Manage in Place	
4	Room C459	Lead	Paint	OffWhite	Good Condition	N/A	Throughout	-	Confirmed	Manage in Place	
4	Room M414	Water Damage	Ceiling Tiles	N/A	Poor Condition	N/A	3	C	Confirmed	Should be replaced as part of regular maintenance.	
4	Throughout Level	Mercury	Fluorescent Light Tubes	N/A	Good Condition	Various	-	-	Confirmed	Manage in Place	
4	Throughout Level	Silica	Concrete, Mortar, Etc.	N/A	Good Condition	N/A	-	-	Confirmed	Manage in Place	

## APPENDIX G

### Site Sampling & Location Plans



**Legend:**  
▲ Asbestos Bulk Sample  
■ Lead Paint Sample

**Notes:**  
ACM plaster and drywall with  
ACM joint compound is present  
throughout

ACM Ceiling Tile  
 ACM Vinyl Floor Tile (VFT)  
 ACM Mechanical Insulation  
 ACM Loose Fill Insulation

REV	DATE	DESCRIPTION	BY

JB

BUILDING COMBINED

McINTOSH PERRY

6240 HIGHWAY 7, SUITE 200  
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TABARET HALL

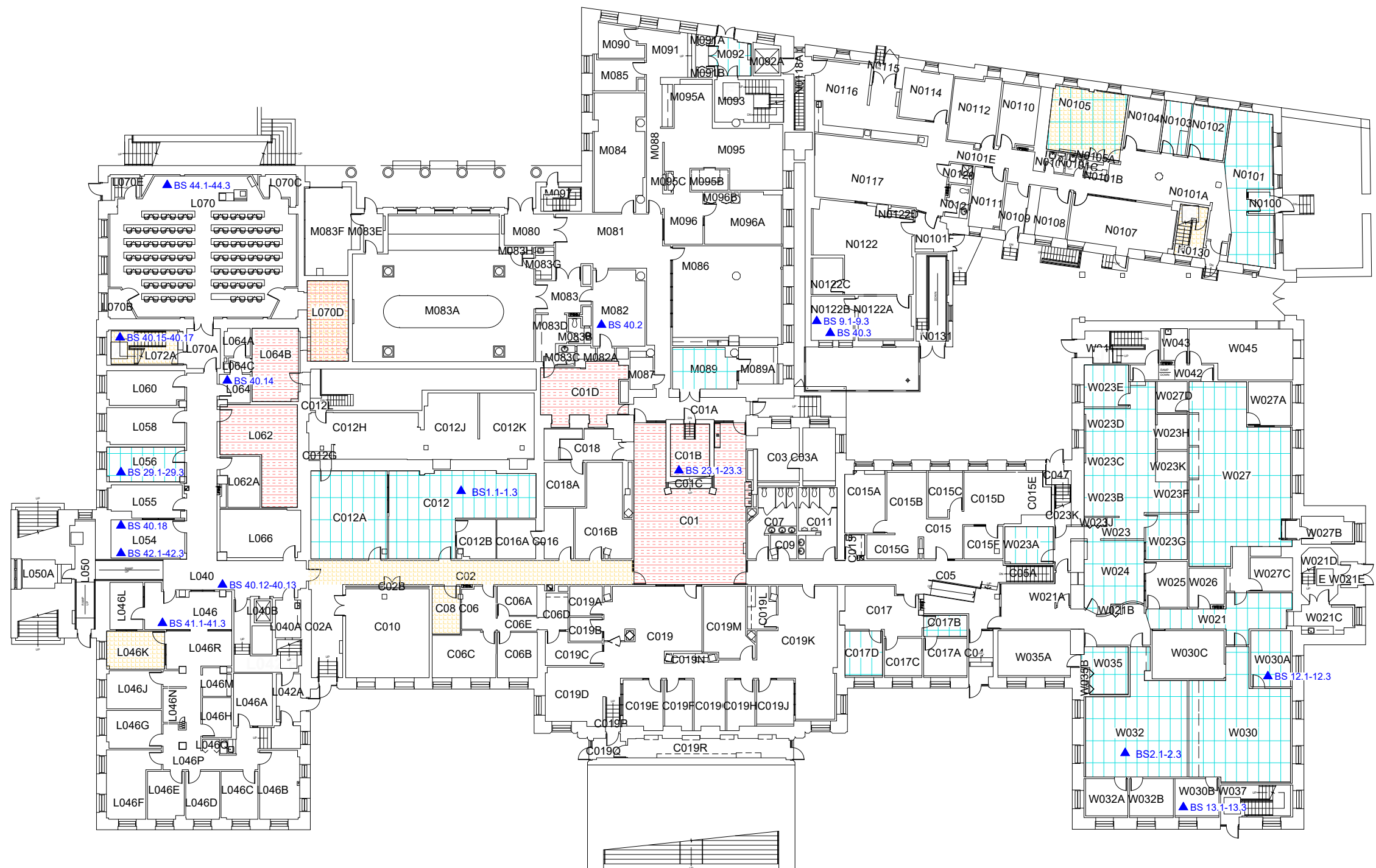
75 LAURIER AVENUE

Dessin / Drawing:  
LEVEL 00  
BUILDING COMBINATION

Édifice/Bldg 060	Niveau/Level: 0
Feuille/Sheet: A-00	
Echelle/Scale: 1:350	Revision: 1

08/09/2015  
of/de

REV	DATE	DESCRIPTION	BY



**Legend:**

REV	DATE	DESCRIPTION	BY



**Legend:**

- ▲ Asbestos BS-LeadSample
- Lead Point Sample

\*Asbestos containing plaster present throughout level.

\*Asbestos containing drywall joint compound present throughout level.

-  ACM Ceiling Tile
  ACM Texture Coat
-  ACM Vinyl Floor Tile (VFT)
-  ACM Mechanical Insulation
-  ACM Vinyl Sheet Flooring

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75 LAURIER AVENUE

Dessin / Drawing:

LEVEL I  
BUILDING COMBINATION

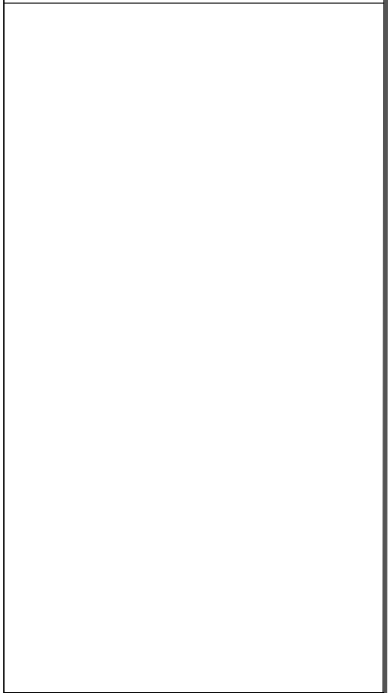
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JB BUILDING COMBINED



No.	Name	Age	Sex	Religion	Marital Status	Occupation	Education
1	Abdullah	35	M	Islam	Married	Teacher	High School
2	Ali	42	M	Islam	Married	Farmer	Primary
3	Ahmed	28	M	Islam	Single	Student	University
4	Ahmed	55	M	Islam	Married	Retired	High School
5	Ahmed	60	M	Islam	Married	Farmer	Primary
6	Ahmed	30	M	Islam	Married	Teacher	High School
7	Ahmed	45	M	Islam	Married	Farmer	Primary
8	Ahmed	50	M	Islam	Married	Farmer	Primary
9	Ahmed	55	M	Islam	Married	Farmer	Primary
10	Ahmed	60	M	Islam	Married	Farmer	Primary
11	Ahmed	65	M	Islam	Married	Farmer	Primary
12	Ahmed	70	M	Islam	Married	Farmer	Primary
13	Ahmed	75	M	Islam	Married	Farmer	Primary
14	Ahmed	80	M	Islam	Married	Farmer	Primary
15	Ahmed	85	M	Islam	Married	Farmer	Primary
16	Ahmed	90	M	Islam	Married	Farmer	Primary
17	Ahmed	95	M	Islam	Married	Farmer	Primary
18	Ahmed	100	M	Islam	Married	Farmer	Primary
19	Ahmed	105	M	Islam	Married	Farmer	Primary
20	Ahmed	110	M	Islam	Married	Farmer	Primary
21	Ahmed	115	M	Islam	Married	Farmer	Primary
22	Ahmed	120	M	Islam	Married	Farmer	Primary
23	Ahmed	125	M	Islam	Married	Farmer	Primary
24	Ahmed	130	M	Islam	Married	Farmer	Primary
25	Ahmed	135	M	Islam	Married	Farmer	Primary
26	Ahmed	140	M	Islam	Married	Farmer	Primary
27	Ahmed	145	M	Islam	Married	Farmer	Primary
28	Ahmed	150	M	Islam	Married	Farmer	Primary
29	Ahmed	155	M	Islam	Married	Farmer	Primary
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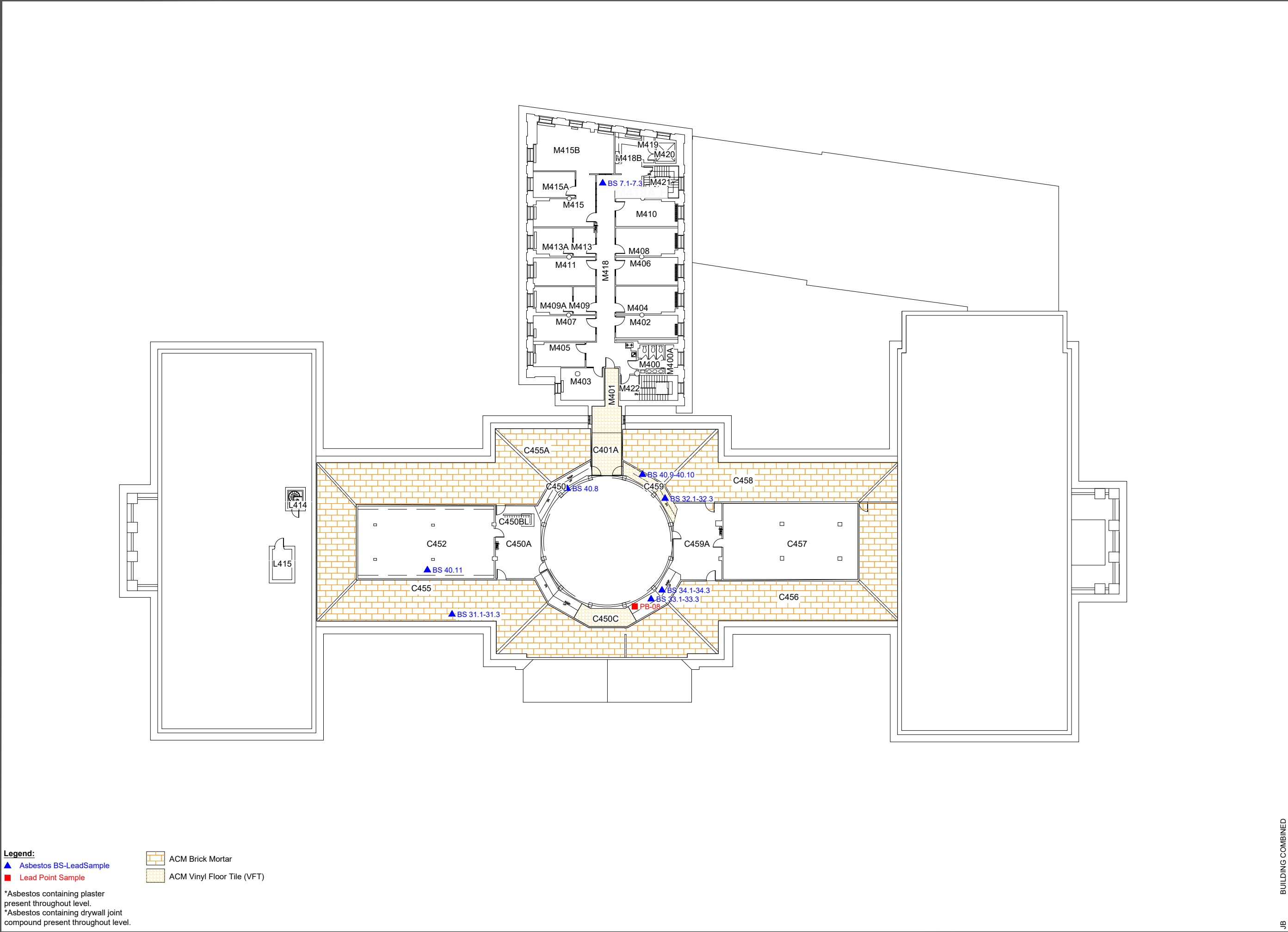


TABARET HALL  
---  
75 LAURIER AVENUE  
---

JB BUILDING COMBINED

- ACM Ceiling Tile
- ACM Mechanical Insulation
- ACM Window Caulking
- ACM Window Glazing





**Legend:**

▲ Asbestos BS-Lead Sample

■ Lead Point Sample

\*Asbestos containing plaster present throughout level.

\*Asbestos containing drywall joint compound present throughout level.

ACM Brick Mortar

ACM Vinyl Floor Tile (VFT)

REV	DATE	DESCRIPTION	BY

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75 LAURIER AVENUE

Dessin / Drawing: **LEVEL 4**  
**BUILDING COMBINATION**

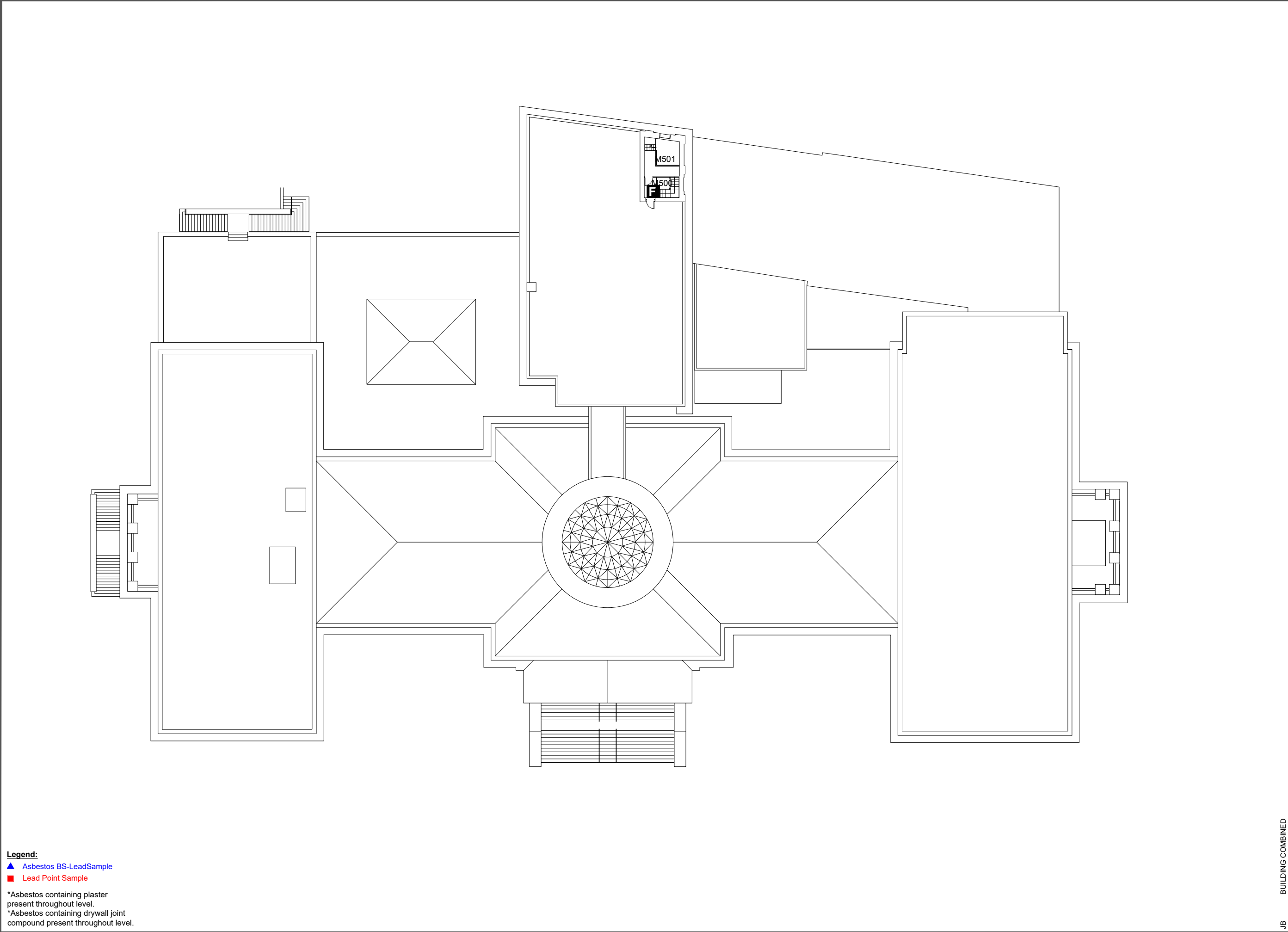
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Echelle/Scale:	Revision:
1:350	1

JB

BUILDING COMBINED

08/09/2015

A-4  
of/de



**Legend:**  
▲ Asbestos BS-LeadSample  
■ Lead Point Sample

\*Asbestos containing plaster present throughout level.  
\*Asbestos containing drywall joint compound present throughout level.

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75 LAURIER AVENUE

Dessin / Drawing: **LEVEL 4**  
BUILDING COMBINATION

Édifice/Bldg 060	Niveau/Level: 0
Feuille/Sheet: A-4 of/de	

Echelle/Scale: 1:350 Revision: 1

BUILDING COMBINED

JB