



Asbestos Assessment

Our Lady of Mount Carmel
1624 Centre Road, Carlisle, Ontario

Prepared for:

**Hamilton-Wentworth Catholic
District School Board**

90 Mulberry Street
Hamilton, Ontario, L8N 3R9

December 30, 2021

Pinchin File: 286533.001

**Asbestos Assessment**

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Hamilton-Wentworth Catholic District School Board

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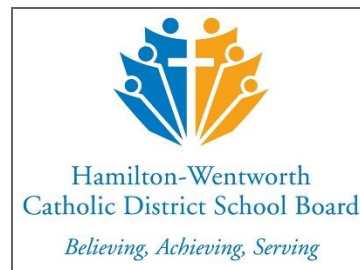
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Issuing Office: 6-875 Main Street West, Suite 200,
Hamilton, ON, L8S 4P9

Primary Contact: Michael Maiorana, Senior Project
Manager, 289.678.0697
[mmaiorana@pinchin.com](mailto:mmajorana@pinchin.com)



Author: _____
Emily Balfour
Project Technologist
365.889.5147
ebalfour@pinchin.com

Reviewer: _____
Leslie Heywood, BEngMgt
Project Manager
289.237.4294
lheywood@pinchin.com



EXECUTIVE SUMMARY

Hamilton-Wentworth Catholic District School Board (Client) retained Pinchin Ltd. (Pinchin) to conduct an asbestos building materials assessment at the subject building.

The objectives of the assessment were to document the locations of asbestos building materials, evaluate their condition and develop corrective action plans as required for the purposes of long-term management.

Summary of Recommendations

The following is a summary of significant recommendations; refer to the body of the report for detailed recommendations:

- Review and update the asbestos record for the site on an annual basis.
- Perform a pre-construction assessment and remove all ACM prior to alteration or maintenance work if ACM may be disturbed by the work.
- Sample any presumed ACM prior to alteration or maintenance work if presumed ACM may be disturbed by the work.

This Executive Summary is subject to the same standard limitations as contained in the report and must be read in conjunction with the entire report.



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1.0 INTRODUCTION AND SCOPE

Hamilton-Wentworth Catholic District School Board (Client) retained Pinchin Ltd. (Pinchin) to review and update the asbestos building materials assessment for Our Lady of Mount Carmel located at 1624 Centre Road, Carlisle, Ontario.

The original assessment was performed by Robert Bertin-Fenney, Project Technologist on July 3, 2018. This report has been updated based on review of asbestos management records from the Client. There are no changes to report.

The objectives of the assessment were to document the locations of asbestos building materials, evaluate their condition and develop corrective action plans as required. This assessment is only to be used for the purposes of long term management and routine maintenance. The results of this assessment are not to be used for construction, renovation, demolition or project tendering purposes.

1.1 Scope of Assessment

The assessment was performed to establish the location and type of asbestos building materials incorporated in the structure and its finishes. The assessed area consisted of all parts of the building where asbestos-containing materials were previously identified. Refer to the Asbestos Building Materials Assessment Methodology report and Annex A dated 2018, Pinchin File 224334, for the methodology used during the assessment.

2.0 BACKGROUND INFORMATION

2.1 Building Year of Construction and Additions

Item	Details
Year of Construction	1993

3.0 FINDINGS

The following section summarizes the findings of the assessment and provides a general description of the asbestos materials identified. For details on quantities, assessment, sample numbers, friability, condition, and locations of asbestos materials; refer to the Summary Report and All Data Report in Appendix III and IV.



3.1 Presumed Asbestos Materials




A number of materials which might contain asbestos were not sampled during this assessment due to limitations in scope and methodology. Where present, these materials are assumed to contain asbestos until otherwise proven by sampling and analysis. Materials presumed to contain asbestos include:

Material	Friability
Elevator and lift brakes	Non-friable
Mechanical gaskets	Non-friable

3.2 Confirmed Non-Asbestos Materials

The following building materials were determined to be non-asbestos based on the date of construction of the building (1993).

Material and Application	Asbestos Type/Friability	Photo
Pipes are either uninsulated or insulated with non-asbestos fibreglass or elastomeric insulation (Armaflex).	None	
Ducts are either uninsulated or insulated with non-asbestos fibreglass (foil-faced).	None	
Mechanical equipment is either uninsulated or insulated with non-asbestos fibreglass.	None	

Material and Application	Asbestos Type/Friability	Photo
All ceiling tiles are presumed to be non-asbestos based on the date of manufacture determined from the date stamp applied to the top of the tiles and the age of the materials determined from the age of the building.	None	
Asbestos in drywall joint compound was banned in Canada in 1980. The building was constructed after 1986 (1980 plus a reasonable non-compliance period based on our experience) and the drywall joint compound is assumed to contain no asbestos.	None	
Vinyl sheet flooring is presumed to be non-asbestos based on historical knowledge of the type of flooring (foam) or based on the lack of a paper backing layer (underpad).	None	
Vinyl floor tiles were presumed to be non-asbestos based on historical knowledge of the date of installation.	None	
Caulking throughout the assessed area does not contain asbestos.	None	
Glazing putty on the glass and frames of windows throughout the assessed area does not contain asbestos.	None	



4.0 RECOMMENDATIONS

4.1 General

Perform a detailed intrusive assessment prior to building renovation or demolition operations. The assessment should include destructive testing (i.e. coring and/or removal of building finishes and components), and sampling of other hazardous materials (lead, mercury, PCBs, mould, etc.) and materials not tested in this study (e.g. Presumed Asbestos Containing Materials).

4.2 On-going Management and Maintenance

The following recommendations are made regarding on-going management and maintenance work involving the asbestos materials identified.

4.2.1 Asbestos

Update the asbestos record on an annual basis.

Sample presumed ACM prior to alteration or maintenance work if the presumed ACM may be disturbed by the work.

5.0 TERMS AND LIMITATIONS

This work was performed subject to the Terms and Limitations presented or referenced in the proposal for this project.

Information provided by Pinchin is intended for Client use only. Pinchin will not provide results or information to any party unless disclosure by Pinchin is required by law. Any use by a third party of reports or documents authored by Pinchin or any reliance by a third party on or decisions made by a third party based on the findings described in said documents, is the sole responsibility of such third parties. Pinchin accepts no responsibility for damages suffered by any third party as a result of decisions made or actions conducted. No other warranties are implied or expressed.



6.0 REFERENCES

The following legislation and documents were referenced in completing the assessment and this report:

1. Asbestos on Construction Projects and in Buildings and Repair Operations, Ontario Regulation 278/05.
2. Designated Substances, Ontario Regulation 490/09.

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Template: Master Report for Asbestos Assessment, Haz, March 27, 2018

APPENDIX I
Asbestos Analytical Certificates

**Asbestos bulk sampling was not performed based on the date of
construction (1993).**

APPENDIX II
Location List

Client: Hamilton-
Wentworth Catholic
District Sch

Site: 1624 Centre Road,
Carlisle, ON

Building Name: Our Lady of Mount
Carmel

Surveyor: Robert
Bertin-Fenney

Survey Date:

Location No.	Name or Description	ft ²	Floor No.	Notes
1001	Entire Building	0		

APPENDIX III
Summary Report

ASBESTOS SUMMARY REPORT

Client: Hamilton-Wentworth Catholic District Sch

Site: 1624 Centre Road, Carlisle, ON

Surveyor: Robert Bertin-Fenney

Building Name: Our Lady of Mount Carmel

Survey Date: 2018-07-03

Reassessment Surveyor:

Last Re-Assessment:

System	Asbestos	Friable	ACM Materials	Locations where ACM materials are present - Location(Room Number)	Recommended Actions	Quantity
C - Ceiling	No	No				
		Yes				
D - Duct	No	No				
		Yes				
F - Floor	No	No				
		Yes				
M - Mechanical Equipment	No	No				
		Yes				
O - Other	Yes	No				
		No	Gasket	1001	7	100 %
P - Piping	No	No				
		Yes				
S - Structure	No	No				
		Yes				
W - Wall	No	No				
		Yes				

APPENDIX IV
All Data Report

ALL DATA REPORT

Client: Hamilton-Wentworth Catholic District Sch
Location: #1001 : Entire Building
Surveyor: Robert Bertin-Fenney

Site: 1624 Centre Road, Carlisle, ON
Floor:
Survey Date: 2018-07-03

Building Name: Our Lady of Mount Carmel
Room #:
Reassessment Surveyor:

Area (sqft): 0
Last Re-Assessment:

ASBESTOS															
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard
Ceiling	All	Ceiling Tiles (lay-in), 24x48 pinhole and divot			C	Y		100			%	V0000	Non-Asbestos		None
Duct		Not Insulated													
Floor		Terrazzo			A	Y		100			%	V0000	Non-Asbestos		None
Floor		Vinyl Floor Tile (No Mastic), 12x12 beige with beige fleck			A	Y		100			%	V0000	Non-Asbestos		None
Floor		Wood			A	Y		100			%	V0000	Non-Asbestos		None
Mechanical Equipment		Not Insulated													
Other		Caulking			A	Y		100			%	V0000	Non-Asbestos		None
Other		Gasket			C	Y		100			%	V9500	Presumed Asbestos		Presumed Asbestos(NF)
Piping		Fibreglass			C	Y		100			%	V0000	Non-Asbestos		None
Structure	Beam, Deck	Metal			C	Y		100			%	V0000	Non-Asbestos		None
Wall		Drywall and joint compound			A	Y		100			%	V0000	Non-Asbestos		None
Wall		Concrete (precast)			A	Y		100			%				

Legend:

Sample number		Units		Other	
S####	Sample collected.	SF	Square feet	SVM	Suspect Visible Mould
V####	Material is visually identified to be identical to S####	LF	Linear feet	A	Access
V0000	Known non hazardous material.	EA	Each	V	Visible
V9000	Material is visually identified to contain hazardous material.	%	Percentage	AP	Air Plenum
V9500	Material is presumed to contain hazardous material.			F	Friable material.
				NF	Non Friable material.

Access		Condition	
A	Accessible to all building occupants	Good	No visible damage or deterioration
B	Accessible to maintenance and operations staff without a ladder	Fair	Minor, repairable damage, cracking or deterioration.
C	Accessible to maintenance and operations staff with a ladder. Also rarely entered, locked areas.	Poor	Irreparable damage or deterioration with exposed and missing material.
D	Not normally accessible or without demolition		

APPENDIX V
Drawing

NOT ALL KNOWN OR SUSPECTED ASBESTOS BUILDING MATERIALS MAY BE DEPICTED ON THE DRAWING. REFER TO THE ASBESTOS ASSESSMENT REPORT FOR A COMPLETE LIST OF KNOWN AND SUSPECTED ASBESTOS BUILDING MATERIALS.

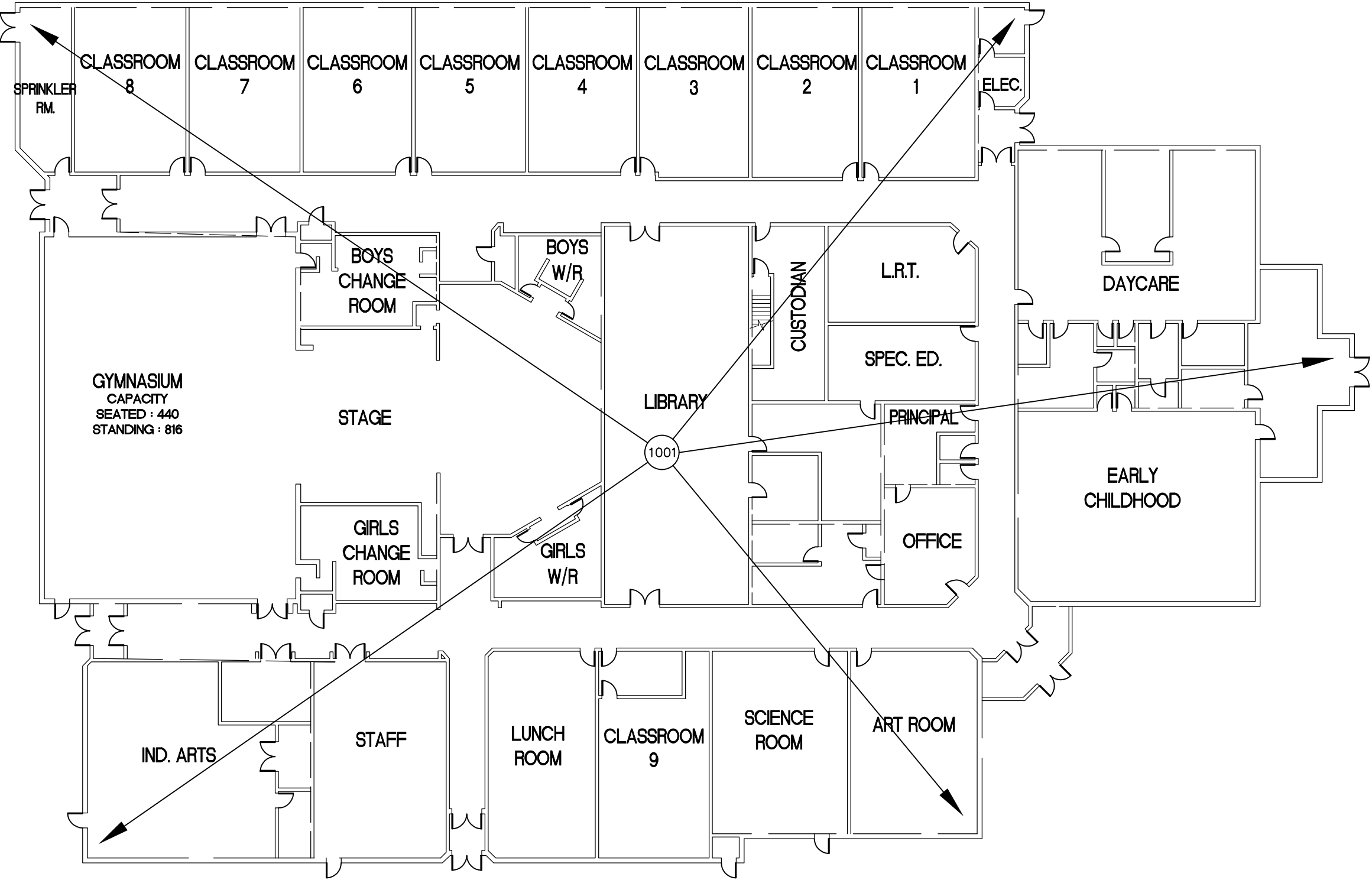
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BASE PLAN PROVIDED BY CLIENT.



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- LEGEND:
- (X) LOCATION NUMBER
 - ◎ ASBESTOS BULK SAMPLE
- ASBESTOS-CONTAINING MATERIALS:



CLIENT:



Hamilton-Wentworth
Catholic District School Board
Believing. Achieving. Serving

LOCATION:
OUR LADY OF MOUNT CARMEL
1624 CENTRE ROAD
CARLISLE, ONTARIO

TITLE:
ASBESTOS ASSESSMENT
GROUND FLOOR

DATE: JULY 2018	PROJECT # : 224334
DRAWN BY: R.S.B.	DRAWING: 1 OF 1
CHECKED BY: R.B.F.	
SCALE: NTS	