



FINAL
Asbestos
Reassessment

West Lincoln Memorial Hospital
169 Main Street East, Grimsby,
Ontario

Prepared for:

Hamilton Health Sciences
1200 Main Street West
Hamilton, Ontario, L8N 3Z5

Attention: Corey LeGris
Hazardous Materials Specialist

January 17, 2019

Pinchin File: 217420.030



Asbestos Reassessment

West Lincoln Memorial Hospital, 169 Main Street East, Grimsby, Ontario
Hamilton Health Sciences

January 17, 2019
Pinchin File: 217420.030
FINAL

Issued to: Hamilton Health Sciences
Contact: Corey LeGris
Hazardous Materials Specialist
Issued on: January 17, 2019
Pinchin File: 217420.030
Issuing Office: 6-875 Main Street West, Suite
200, Hamilton, ON, L8S 4P9
Primary Contact: Michael Maiorana
Senior Project Manager,
905.577.6206, ext. 1724

Author:

Leslie Cantar, B.Eng. Mgt.
Senior Project Technologist
905.577.6206, ext. 1706
lcantar@pinchin.com

Reviewer:

Damian Palus, C.E.T.
Operations Manager
905.577.6206, ext. 1725
dpalus@pinchin.com



EXECUTIVE SUMMARY

Hamilton Health Sciences (Client) retained Pinchin Ltd. (Pinchin) to conduct an asbestos building materials assessment at West Lincoln Memorial Hospital, 169 Main Street East, Grimsby, Ontario. The assessment was performed on August 23, 2018.

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. The results of this assessment are not intended for construction, renovation, demolition or project tendering purposes.

The assessed area consisted of the entire building.

SUMMARY OF FINDINGS

Asbestos-containing materials (ACM) are present as follows:

- Pipe insulation, chrysotile asbestos;
- Duct paper, chrysotile asbestos;
- Mechanical equipment insulation, chrysotile asbestos;
- Mechanical breeching, amosite and chrysotile asbestos;
- Ceiling tiles, amosite or chrysotile asbestos;
- Asbestos cement (Transite), unknown asbestos type;
- Vinyl sheet flooring and mastic, chrysotile asbestos;
- Vinyl floor tiles and mastic, chrysotile asbestos;
- Caulking, chrysotile asbestos;
- Mastic sink undercoating, chrysotile asbestos;
- Paper heat shields, chrysotile asbestos; and
- Tamped firestopping in electrical panels, amosite asbestos.



SUMMARY OF RECOMMENDATIONS

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

1. Continue to apply the policies and procedures as outlined in the building's Asbestos Management Program (AMP).
2. Perform a reassessment of asbestos materials on at least an annual basis.
3. Perform a pre-construction assessment and remove all ACM prior to alteration or maintenance work if ACM may be disturbed by the work.
4. Follow appropriate safe work procedures when handling or disturbing asbestos.
5. Remediate the materials as described in Section 4.2.

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.



TABLE OF CONTENTS

1.0 INTRODUCTION AND SCOPE 1

 1.1 Scope of Assessment..... 1

2.0 BACKGROUND INFORMATION 1

 2.1 Building Description 1

 2.2 Existing Reports..... 2

 2.3 Inaccessible Locations 2

3.0 FINDINGS 2

 3.1 Suspect Building Materials Not Found 3

 3.2 Main Hospital – Front Wing (1948)..... 3

 3.3 Main Hospital – Middle Wing (1960’s)..... 14

 3.4 Main Hospital – ER Wing (1970’s)..... 21

 3.5 Main Hospital – Kitchen Area (1986)..... 29

 3.6 Alexander Globe Centre - Former Nurses’ Residence (1948) 30

 3.7 Presumed Asbestos Materials 33

4.0 RECOMMENDATIONS..... 34

 4.1 General 34

 4.2 Remedial Work 34

 4.3 On-going Management and Maintenance 36

5.0 TERMS AND LIMITATIONS 36

6.0 REFERENCES..... 36

APPENDICES

APPENDIX I Drawings

APPENDIX II Asbestos Analytical Certificates

APPENDIX III Data Tables

APPENDIX IV ECOH Bulk Sampling Report

APPENDIX V Methodology



1.0 INTRODUCTION AND SCOPE

Hamilton Health Sciences (Client) retained Pinchin Ltd. (Pinchin) to conduct an asbestos building materials assessment at West Lincoln Memorial Hospital, 169 Main Street East, Grimsby, Ontario.

The assessment was performed by Leslie Cantar, B.Eng. Mgt., Senior Project Technologist on August 23, 2018. The surveyor was unaccompanied during the assessment. The building was occupied at the time of the assessment.

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 structures and their finishes. The assessed area consisted of all parts of the site buildings.

2.0 BACKGROUND INFORMATION

2.1 Building Description

Item	Details
Building Use	Hospital
Number of Floors/Levels	2 storeys plus 1 below grade
Year of Construction	Front Wing – 1948 Middle Wing – 1970's ER Wing – 1960's Kitchen Area - 1986
Structure	Structural steel, concrete, wood,
Exterior Cladding	Pre-cast concrete, plaster, stone, brick and metal cladding
HVAC	Rooftop AC, Boiler and hot water heating to radiators
Roof	Built-up roofing and EPDM
Flooring	Vinyl tile, vinyl sheet flooring, terrazzo, carpet and rubber

Item	Details
Interior Walls	Drywall, concrete block, plaster, concrete, concrete board, Transite, and wood
Ceilings	Drywall, plaster, acoustic ceiling tiles, Transite, and metal pan ceiling tiles

2.2 Existing Reports

Pinchin was provided with and instructed to rely upon, the following reports:

- Asbestos-Containing Materials Reassessment - West Lincoln Memorial Hospital, June 20, 2017, Prepared By ECOH, Project No. 17429.
- Bulk Sample Analysis Report - West Lincoln Memorial Hospital, May 12, 2017, Prepared By ECOH, Project No. 17429.

Pinchin most recently prepared the following reports which were used for reference:

- “Asbestos Building Materials Reassessment – West Lincoln Memorial Hospital” dated June 30, 2015 (Pinchin File: 100581.001).
- “Hazardous Building Materials Assessment – West Lincoln Memorial Hospital” dated February 23, 2018 (Pinchin File: 217420.005).

2.3 Inaccessible Locations

The following rooms or areas of the building were not accessible to the surveyor and are therefore not included in the report:

Area or Room	Reason
First Floor	Main Hospital (Middle Wing) – Majority of Operating Area
All Floors	Ceiling space where occupants/patients were present or where access hatches were not available for assessing ceiling spaces above solid ceilings

Rooms which were not accessed during the assessment have been labelled on the drawings in Appendix I.

3.0 FINDINGS

The following section summarizes the findings of the assessment and provides a general description of the asbestos materials identified and their locations. For details on quantities and locations of asbestos materials; refer to the drawings in Appendix I and the data tables in Appendix III.

Existing sampling data from the previous assessments was relied upon.

Materials listed as exclusions in the original assessment report remain as exclusions. See Section 3.7.

The sample numbers referenced below refer to the analytical reports in Appendix II.

The drawings in Appendix I indicate the location of exposed friable and non-friable asbestos-containing materials in four separate layers: floor, wall, ceiling and other. The flooring layer includes floor tiles and vinyl sheet flooring, the ceiling layer includes ceiling tiles and Transite panels, and the other layer includes items such as: pipe insulation, mechanical insulation, Transite, firestopping in electrical panels, and paper heat shields. Asbestos-containing materials concealed above inaccessible solid ceilings, within pipe chases and sporadically above ceiling tiles are not indicated on drawings.

3.1 Suspect Building Materials Not Found

The following types of building materials may historically contain asbestos but were not observed in the buildings and are not discussed in the report findings:

- Texture finishes (acoustic/decorative).

3.2 Main Hospital – Front Wing (1948)

3.2.1 Spray-Applied Fireproofing and Thermal Insulation

Non-asbestos fibrous sprayed fireproofing and overspray is present on the structure within the crawl spaces below the First Floor in the Front Wing of the Main Hospital (samples 0049A-E). Sprayed fireproofing was not found in the remaining sections of the Front Wing.

Sprayed thermal insulation was not found.

3.2.2 Pipe Insulation

Parging cement, containing chrysotile asbestos (previously sampled, samples 91B0071,1-5), is present on pipe fittings (elbows, valves, tees, hangers etc.) on hot water heating, domestic water, and drain systems throughout the Front Wing of the Main Hospital. Parging cement is present on insulated pipe systems above solid ceilings and debris from asbestos-containing parging cement is presumed to be lying on top of solid ceiling systems. Parging cement is a friable insulation, is either jacketed with canvas or unjacketed and ranges from damaged to good condition.

A white corrugated paper insulation (trade name Aircell), containing chrysotile asbestos (visually similar to sample 91B0071,6 which was collected in the Elevator Room), is present on straight sections of hot water heating and domestic hot water system pipes throughout the Front Wing of the Main Hospital.

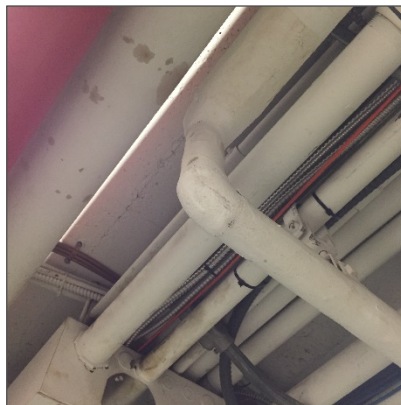
Aircell insulation is present on insulated pipe systems above solid ceilings and debris is presumed to be lying on top of solid ceiling systems. Aircell is a friable insulation, jacketed with canvas where accessible and ranges from damaged to good condition.

Non-asbestos sweatwrap insulation (brown layered paper) is present on straight sections of drain and domestic cold water system pipes throughout the Front Wing of the Main Hospital (samples 0005A-C).

Non-asbestos brown fibrous paper insulation is present on an unidentified pipe system throughout the Basement in the Front Wing of the Main Hospital (samples 0014A-C).

The remainder of pipes are either uninsulated or insulated with non-asbestos fibreglass or elastomeric insulation (Armaflex).

Pipes insulated with friable asbestos insulations may be present in inaccessible spaces such as above solid ceilings, in chases, in column enclosures and within shafts.



Asbestos-containing parging cement on pipe fitting, Boiler Room.

3.2.3 *Duct Insulation*

Ducts are either uninsulated or insulated with non-asbestos fibreglass (foil-faced or canvas).

3.2.4 *Mechanical Equipment Insulation*

Preformed block insulation, containing amosite asbestos, covered with parging cement, containing chrysotile asbestos, is present on boiler breeching at the exterior of the Boiler Room to the Chimney (samples S063A-C). Both insulations are friable, jacketed with metal jacketing and are in good condition.

Due to the presence of metal jacketing on the boilers in the Boiler Room, it was not possible to determine if asbestos-containing insulation is present beneath the jacket. Destructive testing is required prior to demolition. It was common in boiler construction in the past to install asbestos-containing refractory materials, or a layer of asbestos-containing insulation between the boiler plate and the internal refractory materials. The exterior chimney is constructed with brick, however asbestos-containing refractory may be present inside the Chimney.

The remainder of mechanical equipment is either uninsulated or insulated with non-asbestos fibreglass.



Suspect asbestos-containing insulation below metal jacketing on boiler, Basement Boiler Room.



Asbestos-containing preformed block and parging cement insulation below metal jacketing on boiler breeching, Exterior of Basement Boiler Room to Chimney.

3.2.5 Vermiculite

Loose fill vermiculite debris was not observed in the spaces or areas inspected. Destructive testing was not performed and vermiculite may be present within masonry block walls, above solid ceilings or other void spaces.

3.2.6 Acoustic Ceiling Tiles

Acoustic ceiling tile are present in the assessed area, as follows:

Size, Type, Pattern, Photo #	Locations	Sample Number or Date Code	Asbestos Type
24" x 48", lay-in, length-wise fissure and small pinhole, Photo 1	Ground Floor Corridor	ECOH samples 17429-WL-FWG-04A-C	Chrysotile
24" x 48", lay-in, pinhole, indent and width-wise fissure, Photo 2	Basement Corridors and Offices	2018-0001A-C	None Detected
24" x 48", lay-in, dense pinhole and width-wise fissure, Photo 3	Basement Office at Sprinkler Room	2018-0002A-C	None Detected
24" x 24", lay-in, pinhole, indent and width-wise fissure, Photo 4	Basement Offices	2018-0003A-C	None Detected
24" x 48", lay-in, pinhole and fewer width-wise fissure, Photo 5	Basement Corridors	2018-0004A-C	None Detected



Size, Type, Pattern, Photo #	Locations	Sample Number or Date Code	Asbestos Type
24" x 48", lay-in, pinhole and short width-wise fissure, Photo 6	Offices across from Boiler Room	2018-0005A-C	None Detected
24" x 24", lay-in, few pinhole and width-wise fissure, Photo 7	Ground Floor Front Entrance	2018-0006A-C	None Detected
12" x 12", glued-on, few pinhole an fissure, Photo 8	First Floor Corridor	2018-0008A-C	None Detected
12" x 12", glued-on, pinhole and large fissures, Photo 9	First Floor Corridor	2018-0009A-C	None Detected
12" x 12", glued-on, large and small pinholes, Photo 9	First Floor Corridor	2018-0010A-C	None Detected

Sampling performed by ECOH since Pinchin's last reassessment identified one type of lay-in acoustic ceiling tile which contains chrysotile asbestos (ECOH samples 17429-WL-FWG-04A-C). These ceiling tiles are 24" x 48" lay-in with a length-wise fissure and small pinhole pattern and are present in the Ground Floor Corridor.

All other ceiling tiles were determined to be non-asbestos by analysis (samples 0009A-C, 0015A-C, 0016A-C, 0033A-C, 0035A-C, 0036A-C, 0042A-C, and the additional samples in the table above), based on the date of manufacture determined from the date stamp applied to the top of the tiles (1990's and 2000's year of production), or by the nature of the material (wood fibre or drywall). These findings were confirmed by additional sampling performed by ECOH in 2017 (refer to the bulk sampling report in Appendix IV).

Non-asbestos brown mastic is adhering 12" x 12" wood fibre ceiling tiles to plaster ceilings throughout the Ground Floor in the Front Wing of the Main Hospital (samples 0034A-C).



Photo 1 – Asbestos-containing 24" x 48" lay-in ceiling tiles, length-wise fissure and small pinholes, Ground Floor Corridor.



Photo 2 – Non-asbestos 24" x 48" lay-in ceiling tile, pinhole, indent, and deep width-wise fissures, Basement Corridor.



Photo 3 – Non-asbestos 24" x 48" lay-in ceiling tiles, dense pinhole and width-wise fissure, Basement Office at Sprinkler Room.



Photo 4 – Non-asbestos 24" x 24" lay-in ceiling tiles, pinhole, indent, and width-wise fissures, Basement Office.



Photo 5 - 24" x 48" lay-in ceiling tile, pinhole and fewer width-wise fissure, Basement Corridor.



Photo 6 – Non-asbestos 24" x 48" lay-in ceiling tiles, pinhole and short width-wise fissures, Office across from Boiler Room, Basement.



Photo 7 – Non-asbestos 24" x 24" lay-in ceiling tiles, few pinhole and width-wise fissure, Ground Floor Front Entrance.



Photo 8 – Non-asbestos 24" x 48" lay-in ceiling tiles, pinhole and short width-wise fissures, Office across from Boiler Room, Basement.



Photo 9 – Non-asbestos 12" x 12" glued-on ceiling tiles, pinhole and fissures, First Floor Corridor.

3.2.7 Plaster

Non-asbestos textured plaster is present as a wall and ceiling finish throughout the basement in the Front Wing of the Main Hospital (samples 0001A-G and 0008A-E).

Non-asbestos smooth plaster is present as a wall and ceiling finish throughout the Front Wing of the Main Hospital (samples 0004A-G).

Non-asbestos textured plaster is present as an exterior building finish over concrete around the Front Wing of the Main Hospital (samples 0055A-G).

Additional sampling performed by ECOH in 2017 confirmed that the plaster is non-asbestos (refer to the bulk sampling report in Appendix IV).

3.2.8 Drywall Joint Compound

Drywall joint compound present on wall and ceiling finishes throughout the Front Wing does not contain asbestos (samples 0002A-C, 0003A-C, 0010A-C, 0012A-C, 0038A-C, and 0048A-C).

Additional sampling performed by ECOH in 2017 confirmed that the drywall joint compound is non-asbestos (refer to the bulk sampling report in Appendix IV).

3.2.9 Asbestos Cement Products (Transite)

Asbestos cement products were not found in the Front Wing.

3.2.10 Vinyl Sheet Flooring

Vinyl sheet flooring is present as follows:

Pattern, Colour and Photo Number	Paper Backing (Yes/No)	Locations	Sample Number	Asbestos Type
Orange flecks, Photo 1	Yes	First Floor Staff Lounge and Washroom	0043A	Paper Backing – None Detected Mastic - Chrysotile
Grey and white squares, Photo 2	Yes	First Floor Medical Storage	0046A	Paper Backing – Chrysotile Mastic – Presumed
Beige and orange marble	No	Basement Office #4 and throughout (installed in 2009 or later)	Visually confirmed (linoleum)	None by date
Grey	No	Ground Floor Southwest Corridor and throughout (installed in 2009 or later)	Visually confirmed (linoleum)	None by date
Grey marble	No	Ground Floor Waiting Room and throughout (installed in 2009 or later)	Visually confirmed (linoleum)	None by date
Grey and black spots	No	First Floor Patient Room Washrooms and throughout (installed in 2009 or later)	Visually confirmed (linoleum)	None by date
Grey and black dots	No	Shower Area and throughout (installed in 2009 or later)	Visually confirmed (linoleum)	None by date

Pattern, Colour and Photo Number	Paper Backing (Yes/No)	Locations	Sample Number	Asbestos Type
Beige flowers	No	Throughout First Floor (installed in 2009 or later)	Visually confirmed (linoleum)	None by date
Light beige flecks	No	Stairwells (installed in 2009 or later)	Visually confirmed (linoleum)	None by date

The vinyl sheet flooring is non-friable but can become friable upon removal. Vinyl sheet flooring is in good condition. Mastic, where presumed to be asbestos-containing, is a non-friable material.

Asbestos in vinyl sheet flooring is typically present in the paper backing layer (underpad) only, however, if the mastic contains asbestos, the composite of the materials (sheet flooring and mastic) are considered an asbestos-containing material. Vinyl sheet flooring mastic is non-friable and in good condition.

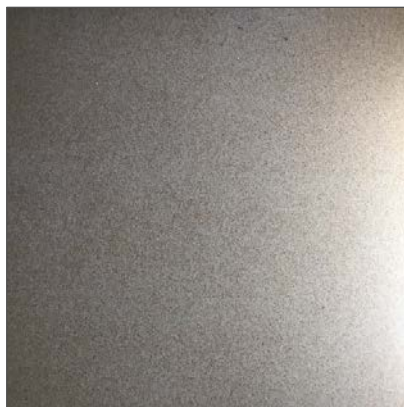


Photo 1 – Asbestos-containing mastic below non-asbestos vinyl sheet flooring, orange fleck pattern, First Floor Staff Lounge.



Photo 2 – Asbestos-containing vinyl sheet flooring, grey and white square pattern, First Floor Medical Storage.

3.2.11 Vinyl Floor Tile and Mastic

Vinyl floor tiles are present as follows:

Size, Pattern, Colour and Photo Number	Locations	Sample Number	Asbestos Type (tile)	Asbestos Type (mastic)
12" x 12", Dark green with white streaks, Photo 1	Basement Office #1 and Ground Floor Wash Area	0006A	Chrysotile	None Detected
12" x 12", Yellow with white streaks, Photo 1	Basement Office #1	0007A & 006A-C, phase b	Chrysotile	None Detected



Size, Pattern, Colour and Photo Number	Locations	Sample Number	Asbestos Type (tile)	Asbestos Type (mastic)
9" x 9", Green with white streaks, Photo 2	Basement Locker Room, Inventory Storage, and Washroom in Office #6	0013A	Chrysotile	None Detected
12" x 12", Beige with brown streaks	Ground Floor Locker Area	0037A-C	None Detected	None Detected
12" x 12", Grey with brown and white streaks	First Floor Storage Closets	0044A-C	Chrysotile	None Detected
12" x 12", Light green and dark green fleck	Throughout Front Wing	Visually confirmed (installed in 2009 or later)	None by date	None by date
12" x 12", White with brown fleck	Throughout Front Wing	Visually confirmed (installed in 2009 or later)	None by date	None by date
12" x 12", Beige with grey fleck	Throughout Front Wing	Visually confirmed (installed in 2009 or later)	None by date	None by date
12" x 12", Green with white and black fleck	Throughout Front Wing	Visually confirmed (installed in 2009 or later)	None by date	None by date
12" x 12", Beige with white and brown fleck	Throughout Front Wing	Visually confirmed (installed in 2009 or later)	None by date	None by date

The vinyl floor tiles are non-friable and are in good condition.

Vinyl floor tiles that were visually confirmed to be non-asbestos were based on historical knowledge of the date of installation as reported by the Client.



Photo 1 - Asbestos-containing 12" x 12" vinyl floor tiles, green with white streaks and yellow with white streaks, Basement Office #1.



Photo 2 - Asbestos-containing 9" x 9" vinyl floor tiles, green with white streaks, Basement Inventory Storage.

3.2.12 Sealants, Caulking, and Putty

Caulking was sampled during Pinchin Project 217420.005 in February 2018. The findings of this assessment are presented in this section. All other caulking within the wing was excluded from the assessment remains presumed asbestos-containing.

Black caulking, containing chrysotile asbestos, was observed around the exterior frame of the chimney door (samples S064A-C). Caulking is non-friable and is in good condition.

White caulking, containing chrysotile asbestos, was observed at interior frames of exterior windows at the Boiler Room (samples S066A-C). Caulking is non-friable and is in good condition.

Non-asbestos grey caulking was observed around the exterior frames of louvres, windows and doors at the Boiler Room (samples S067A-C).

Non-asbestos white caulking was observed at the pleats on the exterior duct work for the HVAC unit (samples S068A-C).

Non-asbestos black tar was observed on the valve at exterior HVAC Unit near the boiler room (samples S065A-C).



Asbestos-containing black caulking around the exterior frame of the chimney door – Exterior of Boiler Room (samples S064A-C).



Asbestos-containing white caulking at interior windows – Boiler Room (samples S066A-C).



Non-asbestos grey caulking around the exterior frames of louvres – Exterior Boiler Room (samples S067A-C).



Non-asbestos white caulking at the pleats on the exterior duct work for the HVAC unit – Exterior Boiler Room (samples S068A-C).

3.2.13 Roofing Products

Non-asbestos built-up roofing materials are present over the Boiler Room (samples S079A-C).

Roofing materials present over the Front Wing are presumed to be non-asbestos based on the date of installation reported by the Client (2000).

3.2.14 Other Building Materials

Paper heat shields, containing chrysotile asbestos, are present within incandescent light fixtures in the First Floor Storage Closets (sample 0045A). Paper heat shields are considered potentially friable and are in good condition.

The red gasket present at a hatch of Boiler No. 1 in the Boiler Room does not contain asbestos (sample S062A-C).

Gaskets presumed to contain asbestos are present on all four boilers at doors on both sides of the boilers in the Boiler Room.



Asbestos-containing paper heat shield in incandescent light fixture, First Floor Storage Closet.

3.3 Main Hospital – Middle Wing (1960's)

3.3.1 Spray-Applied Fireproofing and Thermal Insulation

Sprayed fireproofing or sprayed thermal insulation was not found in the Middle Wing.

3.3.2 Pipe Insulation

Parging cement, containing chrysotile asbestos (sample 91B0073-8-9), is present on pipe fittings (elbows, valves, tees, hangers etc.) on domestic water and drain systems throughout the Middle Wing of the Main Hospital. Parging cement is present on insulated pipe systems above solid ceilings and debris from asbestos-containing parging cement is presumed to be lying on top of solid ceiling systems. Parging cement is a friable insulation, is either jacketed with canvas or cheesecloth or unjacketed and ranges from fair to good condition.

Non-asbestos sweatwrap insulation (brown layered paper) is present on straight sections of drain and domestic cold water system pipes throughout the Middle Wing of the Main Hospital (samples 0017A-C).

The remainder of pipes are either uninsulated or insulated with non-asbestos fibreglass or elastomeric insulation (Armaflex).

Pipes insulated with friable asbestos insulations may be present in inaccessible spaces such as above solid ceilings, in chases, in column enclosures and within shafts.



Asbestos-containing parging cement on pipe fittings, Basement File Storage Room.

3.3.3 *Duct Insulation*

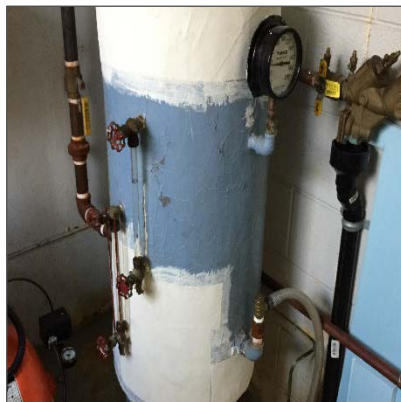
Non-asbestos plaster is present on insulated ducts throughout the Middle Wing of the Main Hospital (samples 0047A-C).

The remainder of ducts are either uninsulated or insulated with non-asbestos fibreglass (foil-faced or canvas).

3.3.4 *Mechanical Equipment Insulation*

Parging cement, containing chrysotile asbestos (samples 91B0066 1-5), is present on a small cushion tank in the Basement Mechanical Room. Parging cement is a friable insulation, jacketed with canvas and in good condition.

The remainder of mechanical equipment is either uninsulated or insulated with non-asbestos fibreglass.



Asbestos-containing parging cement insulation on cushion tank, Basement East Mechanical Room.

3.3.5 Vermiculite

Loose fill vermiculite debris was not observed in the spaces or areas inspected. Destructive testing was not performed and vermiculite may be present within masonry block walls, above solid ceilings or other void spaces.

3.3.6 Acoustic Ceiling Tiles

Four visually distinct types of acoustic ceiling tile were identified in the building and determined to be non-asbestos by analysis (samples 0009A-C), by examining the manufacturer's date codes stamped on the top of the tiles (2000's year of production) or by the nature of the material (drywall and metal pan). Additional sampling performed by ECOH in 2017 also found the ceiling tiles to be non-asbestos (refer to the bulk sampling report in Appendix IV).

3.3.7 Plaster

Non-asbestos plaster is present in the Middle Wing as follows:

- Textured plaster around beam enclosures (samples 0018A-C);
- Smooth plaster as a wall and ceiling finish (samples 0020A-G);
- Rough plaster as a ceiling finish above metal pan ceilings and smooth plaster ceilings (samples 0023A-E);
- Rough plaster as a ceiling finish in the Basement Mechanical Room near the Physio Department (samples 0024A-C); and
- Textured plaster over concrete as an exterior building finish (samples 0056A-G).

Additional sampling performed by ECOH in 2017 confirmed that plaster is non-asbestos (refer to the bulk sampling report in Appendix IV).

3.3.8 Drywall Joint Compound

Drywall joint compound present on wall and ceiling finishes throughout the assessed area does not contain asbestos (samples 0021A-C, 0025A-C and 0039A-C).

Additional sampling performed by ECOH in 2017 confirmed that the drywall joint compound is non-asbestos (refer to the bulk sampling report in Appendix IV).

3.3.9 Asbestos Cement Products (Transite)

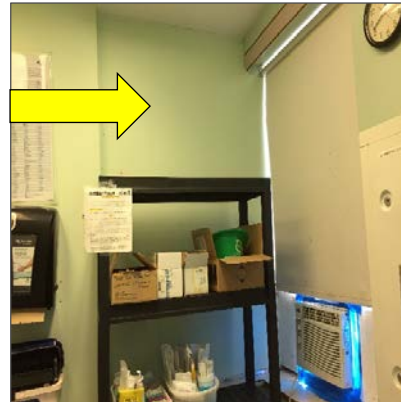
Transite board, presumed to contain asbestos based on visual observation, is present on the concrete deck above the plaster ceiling within the Basement Medical Storage Room and on the south end of the Main Corridor above the metal pan ceiling tiles.

Transite board is also present as a partition wall between the Nurses' Station and the Kitchenette on the Ground Floor and as a partition wall between the offices directly above on the First Floor.

Transite is non-friable and is in good condition.



Transite board above plaster ceiling, Basement Medical Storage Room.



Transite board as partition wall, First Floor Office above Nurses' Station.

3.3.10 Vinyl Sheet Flooring

Vinyl sheet flooring is present as follows:

Pattern and Colour	Paper Backing (Yes/No)	Locations	Sample Number	Asbestos Type
Brown with white squares	Yes	Ground Floor Barrier-free Shower	0040A	Chrysotile
Beige, pink and blue flecks	No	Basement Unisex Washroom	Visually confirmed (linoleum)	None by nature of material
Light beige flecks	No	X-Ray Room #1 and throughout (installed in 2009 or later)	Visually confirmed (linoleum)	None by date

The vinyl sheet flooring is non-friable but can become friable upon removal. Vinyl sheet flooring is in good condition.



Asbestos-containing vinyl sheet flooring, brown with white squares, Ground Floor Barrier-Free Shower Room.

3.3.11 Vinyl Floor Tile and Mastic

Vinyl floor tiles are present as follows:

Size, Pattern, Colour and Photo Number	Locations	Sample Number	Asbestos Type (tile)	Asbestos Type (mastic)
9" x 9", Beige with grey streaks, Photo 1	<p>Basement: File Storage Room, East Corridor, Waiting Room, Vestibule, Accounting Department, Main Corridor</p> <p>Ground Floor: Main Corridor, Dressing Room #1 & 2, Radiology Suite, Patient Rooms, Linen Storage, Nurses Station, Office and Stairwells</p> <p>First Floor: Main Corridor, Patient Rooms, Offices, Accessible Areas in the Operating Department, Intensive Care Unit, Waiting Room and Stairwells</p>	019A	Chrysotile	Chrysotile
12" x 12", Dark green with white streaks, Photo 2	Basement Main Corridor and Ground Floor Main Corridor	0006A	Chrysotile	None Detected
12" x 12", Beige with thin grey streaks	Accounting Department and throughout	0022A-C	None Detected	None Detected

**Asbestos Reassessment**West Lincoln Memorial Hospital, 169 Main Street East, Grimsby, Ontario
Hamilton Health SciencesJanuary 17, 2019
Pinchin File: 217420.030
FINAL

Size, Pattern, Colour and Photo Number	Locations	Sample Number	Asbestos Type (tile)	Asbestos Type (mastic)
12" x 12", larger white and black flecks, Photo 3	First Floor Corridor and Operating Room	2018-0011A-C	None Detected	Presumed
12" x 12", Light green and dark green fleck	Throughout Middle Wing	Visually confirmed (installed in 2009 or later)	None by date	None by date
12" x 12", Beige with grey fleck	Throughout Middle Wing	Visually confirmed (installed in 2009 or later)	None by date	None by date
12" x 12", Beige with white and brown fleck	Throughout Middle Wing	Visually confirmed (installed in 2009 or later)	None by date	None by date
12" x 12", Beige with brown fleck	Throughout Middle Wing	Visually confirmed (installed in 2009 or later)	None by date	None by date
12" x 12", White with blue fleck	Throughout Middle Wing	Visually confirmed (installed in 2009 or later)	None by date	None by date
12" x 12", Beige with white and green fleck	Throughout Middle Wing	Visually confirmed (installed in 2009 or later)	None by date	None by date
12" x 12", Red with black and white dots	Stairwells	Visually confirmed (installed in 2009 or later)	None by date	None by date
12" x 12", White with brown fleck	Stairwells	Visually confirmed (installed in 2009 or later)	None by date	None by date

Size, Pattern, Colour and Photo Number	Locations	Sample Number	Asbestos Type (tile)	Asbestos Type (mastic)
12" x 12", Beige with thin brown streaks, Photo 4	Basement: Locker Room adjacent to ECG Department and File Storage	0027A	Chrysotile	None Detected

The vinyl floor tiles and mastic are non-friable and are in good condition.

Vinyl floor tiles that were presumed to be non-asbestos based on historical knowledge of the date of installation as reported by the Client.



Photo 1 – Asbestos-containing 9" x 9" vinyl floor tiles and mastic, beige with grey streaks, Basement Main Corridor.



Photo 2 – Asbestos-containing 12" x 12" vinyl floor tiles, dark green with white streaks, Basement Main Corridor.



Photo 3 – Non-asbestos 12" x 12" vinyl floor tiles, larger white and black flecks, First Floor Corridor and Operating Room.



Photo 4 – Asbestos-containing 12" x 12" vinyl floor tiles, beige with thin brown streaks, Basement Locker Room at ER Wing.

3.3.12 Sealants, Caulking, and Putty

Non-asbestos grey caulking was observed at the exterior window in Mechanical Room #1 (samples S070A-C).



Non-asbestos grey caulking on window, Mechanical Room #1.

3.3.13 Other Building Materials

Black mastic sink undercoating, containing chrysotile asbestos (sample S080A), was previously identified on a sink in the CT Scan area, and is presumed present on sinks throughout this section of the building. The sink undercoating is non-friable.

Non-asbestos textile vibration dampers are present at duct connections in Mechanical Room #1 (samples S069A-C).

Non-asbestos textile vibration dampers are present on the HVAC unit in Mechanical Room #2 (samples S071A-C).



Non-asbestos textile vibration damper, Mechanical Room #1.

3.4 Main Hospital – ER Wing (1970's)

3.4.1 Spray-Applied Fireproofing and Thermal Insulation

Non-asbestos fibrous sprayed fireproofing and overspray is present on the structure throughout the basement in the ER Wing of the Main Hospital (samples 0026A-E).

Non-asbestos cementitious sprayed fireproofing is present sporadically on the structure within the Basement ECG Department (0031A-C).

Sprayed fireproofing was not found in the remaining sections of the ER Wing.

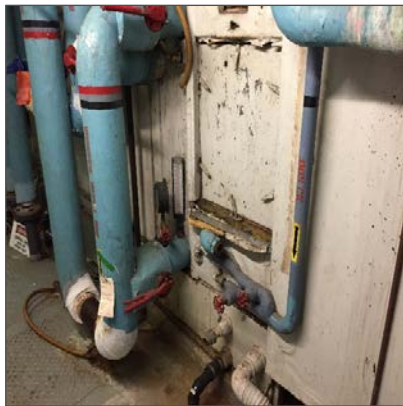
Sprayed thermal insulation was not found.

3.4.2 Pipe Insulation

Parging cement, containing chrysotile asbestos (sample 91B0074, 9), is present on pipe fittings (elbows, valves, tees, hangers etc.) on domestic water and drain systems within the Basement Mechanical Room. Parging cement is a friable insulation, jacketed with canvas, and ranges from damaged to good condition.

The remainder of pipes are either uninsulated or insulated with non-asbestos fibreglass or elastomeric insulation (Armaflex).

Pipes insulated with friable asbestos insulations may be present in inaccessible spaces such as above solid ceilings, in chases, in column enclosures and within shafts.



Asbestos-containing parging cement on pipe fittings, Basement Mechanical Room.



Asbestos-containing parging cement on pipe fittings, Basement Mechanical Room.

3.4.3 Duct Insulation

Asbestos-containing paper over fiberglass insulation is present on the supply ductwork in Mechanical Room 3 (sample S072A-B). The paper is considered potentially friable and is in good condition.

Ducts are either uninsulated or insulated with non-asbestos fibreglass (foil-faced or canvas).

Brown duct paper in the Basement Mechanical Room was sampled by ECOH and determined to be non-asbestos (ECOH samples 16262-WLMH-01A-C).



Asbestos-containing paper over fiberglass insulation – Mechanical Room #3 (sample S072A-C).

3.4.4 Mechanical Equipment Insulation

Non-asbestos white preformed block insulation is present on the vertical generator exhaust duct in the Generator Room (samples S075A-C).

Non-asbestos yellow preformed insulation is present on the horizontal generator exhaust duct in the Generator Room (sample S076A-C).

The remainder of mechanical equipment is either uninsulated or insulated with non-asbestos fibreglass.

3.4.5 Vermiculite

Loose fill vermiculite debris was not observed in the spaces or areas inspected. Destructive testing was not performed and vermiculite may be present within masonry block walls, above solid ceilings or other void spaces.

3.4.6 Acoustic Ceiling Tiles

Acoustic ceiling tiles are present in the assessed area, as follows:

Size, Type, and Pattern	Locations	Sample Number or Date Code	Asbestos Type
24" x 48", lay-in, Pinhole and texture pattern	Basement ECG Department, Ground Floor Palliative Care Area	0030A	Amosite
24" x 24", lay-in, Pinhole and small fleck pattern	Throughout	Date code 2000	None
12" x 12", metal pan, Perforated	Throughout the ER Wing	Visually confirmed	None

Ceiling tiles are considered to be potentially friable and are in good condition.



Asbestos-containing 24" x 48" lay-in ceiling tiles, pinhole and texture pattern, Basement ECG Department.



Non-asbestos 24" x 48" lay-in ceiling tiles, pinhole and small fleck pattern, Basement ECG Department.

3.4.7 Plaster

Non-asbestos smooth plaster is present as a wall and ceiling finish throughout the ER Wing of the Main Hospital (samples 0028A-G).

Non-asbestos rough plaster is present as ceiling finish present above metal pan ceiling tiles throughout the ER Wing of the Main Hospital (samples 0029A-E).

Additional sampling performed by ECOH in 2017 confirmed that the plaster is non-asbestos (refer to the bulk sampling report in Appendix IV).

3.4.8 Drywall Joint Compound

Drywall joint compound present on wall and ceiling finishes throughout the assessed area does not contain asbestos (samples 0041A-C).

Additional sampling performed by ECOH in 2017 confirmed that the plaster is non-asbestos (refer to the bulk sampling report in Appendix IV).

3.4.9 Asbestos Cement Products (Transite)

Transite board is present in the following locations:

- Soffit for the former vestibule entrance to the building within the Basement Corridor in the 1993 addition of the ER Wing of the Main Hospital.
- Above the slanted lay-in acoustic ceiling tiles in the north end of the Basement Main Corridor.
- Exterior ceiling finish at the entrance to the ER Department.
- Fume hood located in the room separating the Lounge and Lab #2 in the Basement.

Transite is a non-friable material that was presumed to contain asbestos based on visual observation.

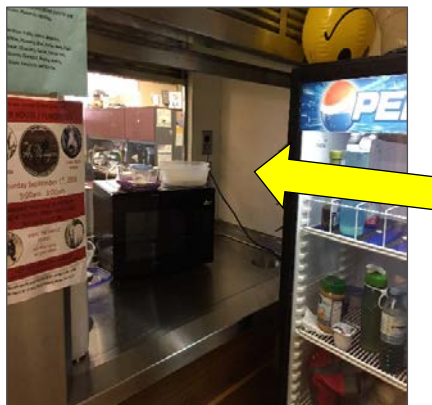
Transite is in good condition.



Transite board on former soffit, Basement Corridor, ER Department.



Transite board above slanted lay-in ceiling tiles, north end of Basement Main Corridor.



Transite board in fume hood, Basement Lounge.

3.4.10 Vinyl Sheet Flooring

Vinyl sheet flooring is present as follows:

Pattern and Colour	Paper Backing (Yes/No)	Locations	Sample Number	Asbestos Type
Beige leaves	No	ER Waiting Room and throughout (installed in 2009 or later)	Visually confirmed (linoleum)	None
Green	No	ER Department (installed in 2009 or later)	Visually confirmed (linoleum)	None



Vinyl sheet flooring is presumed to be non-asbestos based on historical knowledge of the type of flooring (foam) and based on the lack of a paper backing layer (underpad).

3.4.11 Vinyl Floor Tile and Mastic

Vinyl floor tiles are present as follows:

Size, Pattern, Colour and Photo Number	Locations	Sample Number	Asbestos Type (tile)	Asbestos Type (mastic)
12" x 12", Yellow with white streaks, Photo 1	Basement Corridors and Ground Floor ER Waiting Room	0007A	Chrysotile	None Detected
12" x 12", Beige with thin brown streaks, Photo 2	Basement: Labs, Offices, Lounge, ECG Department and File Storage (5,000 SF) Ground Floor: Palliative Care Department, Break Room and Patient Rooms in the ER Department, EMS Room Closet (2,000 SF)	0027A	Chrysotile	None Detected
12" x 12", smaller white and black flecks, Photo 3	Ground Floor ER Corridor	2018-0007A-C	None Detected	Chrysotile
12" x 12", Beige with grey fleck	Throughout ER Wing	Visually confirmed (installed in 2009 or later)	None	None
12" x 12", Grey with black and white fleck	Throughout the 1993 addition within the ER Wing	Visually confirmed (installed 1993)	None	None
12" x 12", Beige with white and brown fleck	Throughout ER Wing	Visually confirmed (installed in 2009 or later)	None	None
12" x 12", Red with black and white dots	Stairwells	Visually confirmed (installed in 2009 or later)	None	None

The vinyl floor tiles and mastic are non-friable and are in good condition.

Vinyl floor tiles that were presumed to be non-asbestos based on historical knowledge of the date of installation as reported by the Client.



Photo 1 – Asbestos-containing 12" x 12" vinyl floor tiles, yellow with white streaks, Basement Main Corridor.



Photo 2 - Asbestos-containing 12" x 12" vinyl floor tiles, beige with thin brown streaks, Basement Locker Room at ER Wing.



Photo 3 – Asbestos-containing mastic under non-asbestos 12" x 12" vinyl floor tiles, smaller black and white flecks, Ground Floor ER Corridor.

3.4.12 Firestopping or Smoke Sealant

Tamped firestopping is present inside electrical panels in the ER Wing on the Ground Floor. This material was sampled during the 2017 reassessment and was determined to contain Amosite asbestos (samples 17429-WL-ASB-02A-C). The firestopping is a friable material and is in good condition, but is not encapsulated.



Asbestos-containing tamped firestopping in electrical panel (photo from previous assessment).

3.4.13 Sealants, Caulking, and Putty

Non-asbestos tar is present at the joints on the cooling tower on the ER roof (samples S077A-C).

Non-asbestos tar is present at the roof penetrations below the cooling tower on the ER roof (samples S078A-C).

Non-asbestos white caulking is present at exterior windows in Mechanical Room #3 (samples S074A-C).

Remaining caulking was not included in previous assessments and is presumed asbestos-containing.

3.4.14 Roofing Products

Roofing materials present over the ER Wing of the Hospital are presumed to be non-asbestos based on the date of installation provided by the Client (2006).

3.4.15 Other Building Materials

Non-asbestos textile vibration dampers are present on the HVAC unit in Mechanical Room #3 (samples S073A-C).

Non-asbestos brown fibrous board is present above the slanted lay-in acoustic ceiling tiles and Transite board in the north end of the Basement Main Corridor (samples 0032A-C).

Non-asbestos black countertops are present within the Basement Laboratory (ECOH samples 17429-WL-ASB-01A-C).

3.5 Main Hospital – Kitchen Area (1986)

3.5.1 Spray-Applied Fireproofing and Thermal Insulation

Non-asbestos fibrous sprayed fireproofing and overspray is present on the structure throughout the Ground Floor Kitchen in the Kitchen Area Wing of the Main Hospital (samples 0053A-E). Sprayed fireproofing was not found in the remaining sections of the Kitchen Area Wing.

Sprayed thermal insulation was not found.

3.5.2 Pipe Insulation

Pipes are either uninsulated or insulated with non-asbestos fibreglass or elastomeric insulation (Armaflex).

3.5.3 Duct Insulation

Ducts are either uninsulated or insulated with non-asbestos fibreglass (foil-faced or canvas).

3.5.4 Mechanical Equipment Insulation

Mechanical equipment is either uninsulated or insulated with non-asbestos fibreglass.

3.5.5 Vermiculite

Loose fill vermiculite debris was not observed in the spaces or areas inspected. Destructive testing was not performed and vermiculite may be present within masonry block walls, above solid ceilings or other void spaces.

3.5.6 Acoustic Ceiling Tiles

Two visually distinct types of acoustic ceiling tile were previously sampled and determined to be non-asbestos by analysis (samples 0052A-C and 0054A-C).

All other 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. The tiles were manufactured after asbestos stopped being used in acoustic ceiling tiles.

3.5.7 Plaster

Plaster finishes were not found in the Kitchen Area.

3.5.8 Drywall Joint Compound

Drywall joint compound present on wall and ceiling finishes throughout the Kitchen Area does not contain asbestos (samples 0051A-C).

Additional sampling performed by ECOH in 2017 confirmed that the plaster is non-asbestos (refer to the bulk sampling report in Appendix IV).

3.5.9 *Asbestos Cement Products (Transite)*

Transite pipe is present as rain water leaders in several locations throughout this section of the building. Transite is a non-friable material which is presumed to contain asbestos based on visual observation. Transite is in good condition.



Transite rain water leader, Halfway Café Lounge.

3.5.10 *Vinyl Sheet Flooring*

Vinyl sheet flooring was not found in the Kitchen Area.

3.5.11 *Vinyl Floor Tile and Mastic*

Non-asbestos 12" x 12" vinyl floor tiles (beige with beige and grey fleck pattern) are present within the Ground Floor Corridors throughout the Kitchen Area Wing of the Main Hospital (samples 0050A-C).

3.6 **Alexander Globe Centre - Former Nurses' Residence (1948)**

3.6.1 *Spray-Applied Fireproofing and Thermal Insulation*

Sprayed fireproofing or sprayed thermal insulation was not found.

3.6.2 *Pipe Insulation*

A white corrugated paper insulation (the trade name Aircell), presumed to contain asbestos (previously sampled), is present on straight sections of the domestic hot water system pipes in the Attic and wall cavities to the Washrooms and Mechanical Room. Aircell is a friable insulation, jacketed with horse hair or canvas and ranges from damaged to good condition.

The remainder of pipes are either uninsulated or insulated with non-asbestos fibreglass or elastomeric insulation (Armaflex).

Pipes insulated with friable asbestos insulations may be present in inaccessible spaces such as above solid ceilings, in chases, in column enclosures and within shafts.

3.6.3 *Duct Insulation*

Ducts are either uninsulated or insulated with non-asbestos fibreglass (foil-faced or canvas).

3.6.4 *Mechanical Equipment Insulation*

Mechanical equipment is either uninsulated or insulated with non-asbestos fibreglass.

3.6.5 *Vermiculite*

Loose fill vermiculite debris was not observed in the spaces or areas inspected. Destructive testing was not performed and vermiculite may be present within masonry block walls, above solid ceilings or other void spaces.

3.6.6 *Acoustic Ceiling Tiles*

Two visually distinct types of acoustic ceiling tile were identified in the building and determined to be non-asbestos by analysis (samples 0062A-C) or by examining the manufacturer's date codes stamped on the top of the tiles (2000's year of production).

Additional sampling performed by ECOH in 2017 also found that the ceiling tiles are non-asbestos (refer to the bulk sampling report in Appendix IV).

3.6.7 *Plaster*

Non-asbestos rough plaster is present as an exterior finish on the building (samples 0057A-C).

Non-asbestos smooth plaster is present as wall and ceiling finish throughout (samples 0058A-G).

Additional sampling performed by ECOH in 2017 confirmed that the plaster is non-asbestos (refer to the bulk sampling report in Appendix IV).

3.6.8 *Drywall Joint Compound*

Drywall joint compound present on wall and ceiling finishes throughout the Alexander Globe Centre does not contain asbestos (samples 0059A-C).

Additional sampling performed by ECOH in 2017 confirmed that the drywall joint compound is non-asbestos (refer to the bulk sampling report in Appendix IV).

3.6.9 Asbestos Cement Products (Transite)

Transite board, presumed to contain asbestos based on visual observation, is present as siding on the exterior of the building. Transite is non-friable and is in good condition.



Transite exterior siding, Building Exterior.



Transite exterior siding, Building Exterior.

3.6.10 Vinyl Sheet Flooring

Vinyl sheet flooring was not found.

3.6.11 Vinyl Floor Tile and Mastic

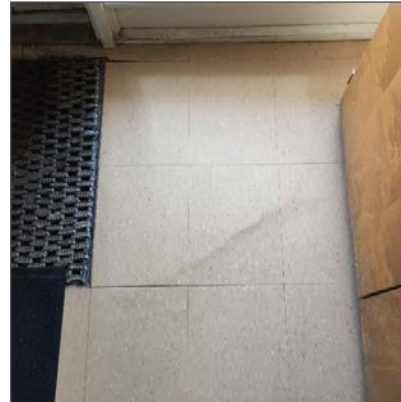
Vinyl floor tiles are present as follows:

Size, Pattern and Colour	Locations	Sample Number	Asbestos Type (tile)	Asbestos Type (mastic)
9" x 9", Beige with red streaks	Stationery Closet, and Sprinkler Room	0060A-C	Chrysotile	Chrysotile
12" x 12", Beige with orange flecks	Vestibule, Washroom in PC Room #1, and Front Entrance	0061A-C	None Detected	Chrysotile

The vinyl floor tiles and mastic are non-friable and are range from damaged to good condition.



Asbestos-containing 9" x 9" vinyl floor tiles, beige with red streaks, Stationery Closet.



Asbestos-containing mastic below non-asbestos 12" x 12" vinyl floor tiles, beige with orange flecks, Front Entrance.

3.7 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 presumed to contain asbestos until otherwise proven by sampling and analysis.

Materials presumed to contain asbestos include:

- Roofing, felts and tar
- Concrete floor levelling compound
- Elevator and lift brakes
- Electrical components or wiring within control centers, breakers, motors or lights, insulation on wiring
- Moulded plastic components (laboratory bench tops)
- Refractory materials and insulations in boilers, incinerators and stacks
- Insulation under metal clad boilers and vessels
- Vermiculite in concrete block wall cavities
- Adhesives and duct mastics
- Caulking
- Paper products
- Mechanical packing, ropes and gaskets
- Fire resistant doors or metal clad finishes

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. roofing materials, caulking, mastics).

4.2 Remedial Work

The following remedial work is recommended.

Material, Quantity, Condition, & Photo #	Location	Recommended Procedure
Parging cement on pipe fitting, 1 fitting, fair condition, Photo 1	Office across from Boiler Room, Basement of Front Wing	Repair in accordance with Type 2 asbestos procedures
Parging cement on pipe fittings, 3 fittings, fair condition, Photo 2	Mechanical Room 1, East Basement of Middle Wing	Repair in accordance with Type 2 asbestos procedures
Parging cement on pipe fitting, 1 fitting, fair condition, Photo 3	Mechanical Room 1, East Basement of Middle Wing	Repair in accordance with Type 2 asbestos procedures
Parging cement on pipe fitting, 2 hangers, fair condition, Photo 4	Electrical Room at File Rooms, East Basement of Middle Wing	Repair in accordance with Type 2 asbestos procedures
Parging cement on pipe fitting, 1 fitting, fair condition, Photo 5	Basement Mechanical Room, ER Wing	Repair in accordance with Type 2 asbestos procedures
Aircell pipe insulation, 5 linear feet in poor condition and 5 square feet of debris	Attic space in Alexander Globe Centre (Accessible above Men's Washroom and Room 15)	Use Type 2 asbestos procedures for attic access or remove and clean-up in accordance with Type 2 asbestos procedures.



Photo 1 – Asbestos-containing parging cement on pipe fitting, fair condition, Office across from Boiler Room, Front Wing Basement.

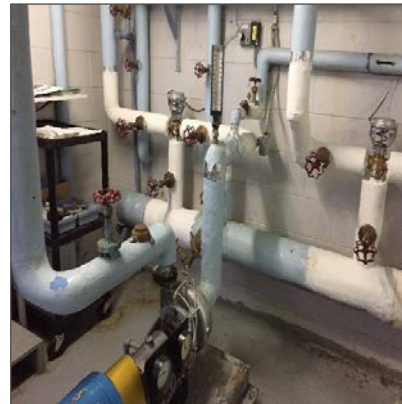


Photo 2 – Asbestos-containing parging cement on pipe fittings, fair condition, Mechanical Room 1, East Basement of Middle Wing.

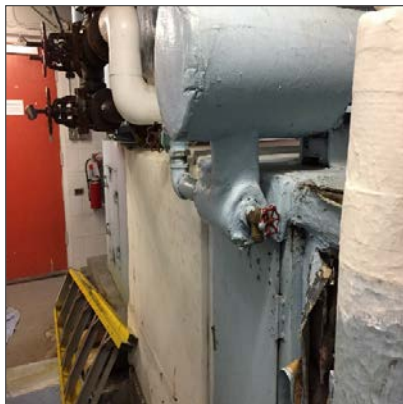


Photo 3 – Asbestos-containing parging cement on pipe fitting, fair condition, Mechanical Room 1, East Basement of Middle Wing.

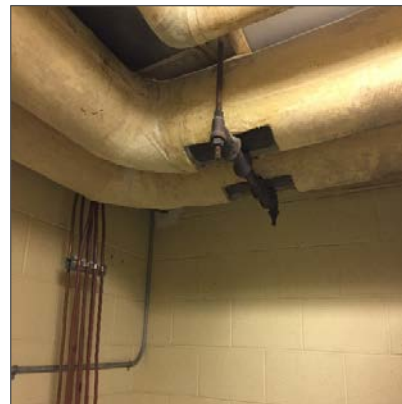


Photo 4 – Asbestos-containing parging cement unjacketed at pipe hangers, fair condition, Electrical Room at File Storage, East Basement of Middle Wing.

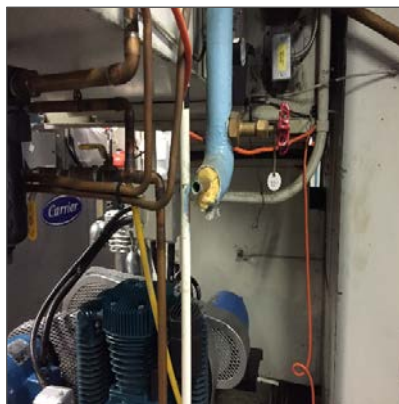


Photo 5 – Damaged asbestos-containing parging cement on pipe fitting, Basement Mechanical Room, ER Wing.



4.3 On-going Management and Maintenance

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

4.3.1 Asbestos

Continue to apply the policies and procedures as outlined in the building's Asbestos Management Program (AMP), where present.

Perform a reassessment of asbestos materials on an annual basis.

Remove asbestos-containing materials (ACM) prior to alteration or maintenance work if ACM may be disturbed by the work. Follow appropriate asbestos precautions for the classification of work being performed.

Update the asbestos inventory report upon completion of any abatement and removal of asbestos-containing materials.

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

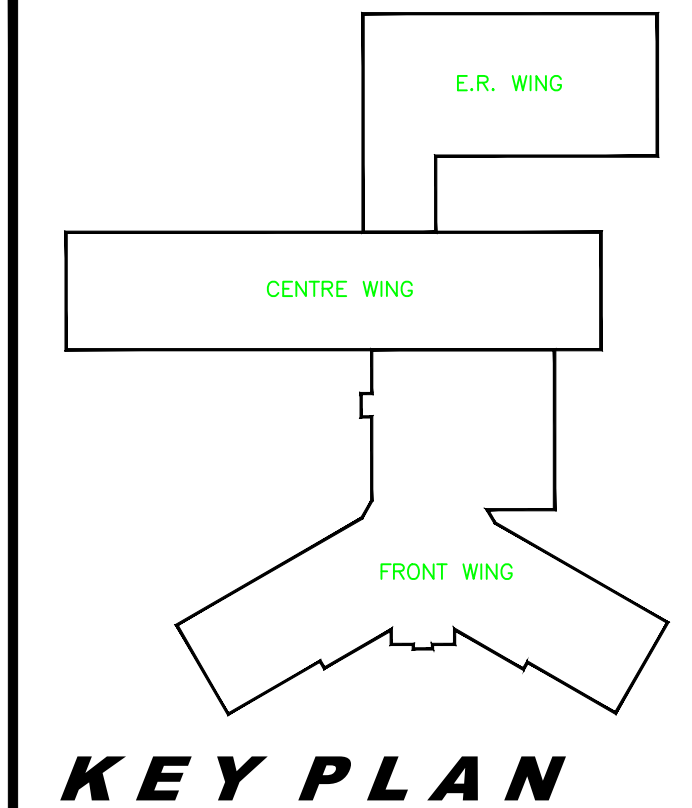
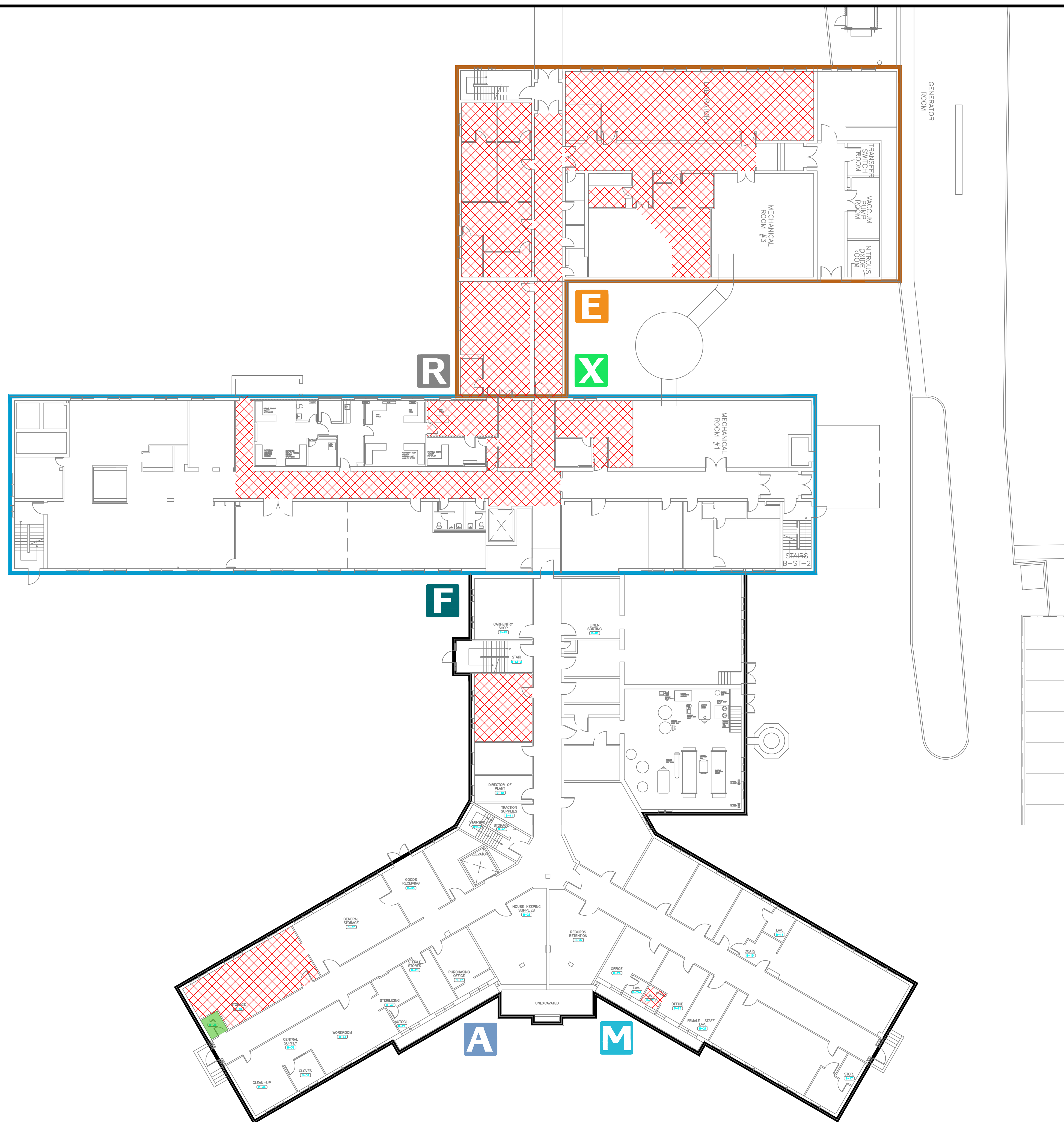
The following legislation and documents were referenced in completing the assessment and this report:

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

\\pinchin.com\ham\Job\217000s\0217420.000 HAMILTONHEALT,Various2018Pr,ASB,CONS\0217420.030
HAMHEALT,2018AsbReassess,VarSit,ASB,CONS\Deliverables\WLMH\217420.030 Final Asbestos Reassessment Report WLMH HHS January 17 2019.docx

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

APPENDIX I
Drawings



NO.	DATE	M/D/Y	REVISIONS	BY
1	1/10/2014		UPDATED	RM
2	4/6/2016		UPDATED BY ECOH	MM
3	6/15/2017		UPDATED BY ECOH	JK
4	11/5/2018		UPDATED BY PINCHIN LIMITED	JB

LEGEND - FLOORS

- ACM VINYL FLOOR TILES AND/OR MASTIC
- ACM ABATED AREAS AS PER HHS RECORDS

WEST LINCOLN MEMORIAL HOSPITAL

Hamilton Health Sciences
FACILITIES MANAGEMENT

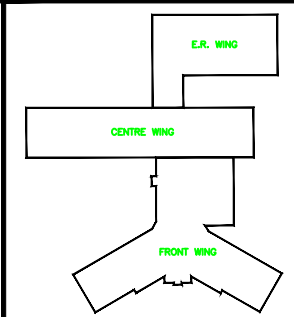
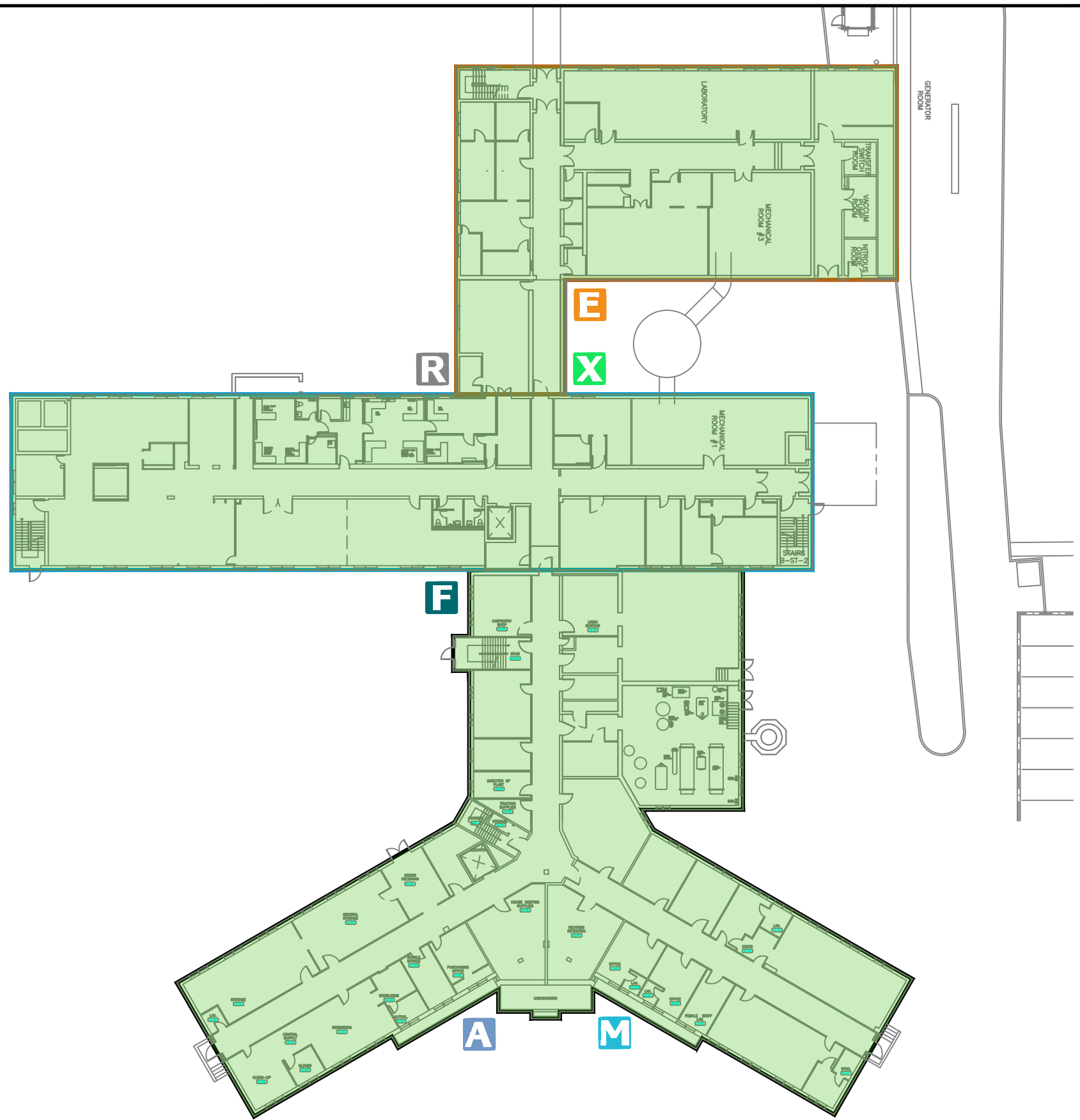
PROJECT:
WEST LINCOLN MEMORIAL HOSPITAL

DRAWING:
BASEMENT MAIN HOSPITAL ACM ON FLOOR

PLOT DATE: NOVEMBER 2018
SCALE: N.T.S.
DRAWN BY: JORDAN BOULOS
DRAWING NO.


DEPARTMENT: HAZARDOUS MATERIALS
SUPERVISOR: MICHAEL MAIORANA
FILE NAME: 217420030 All Drawings WLMH

AS-01a



KEY PLAN N.T.S.

NO.	DATE M/D/Y	REVISIONS	BY
1	1/10/2014	UPDATED	RM
2	4/8/2016	UPDATED BY ECHO	MM
3	6/15/2017	UPDATED BY ECHO	JK
4	11/5/2018	UPDATED BY PINCHIN LIMITED	JB

LEGEND - WALL
 NO ACM PRESENT

WEST LINCOLN MEMORIAL HOSPITAL

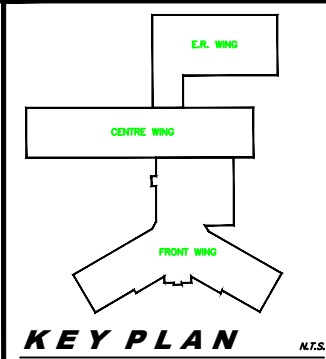
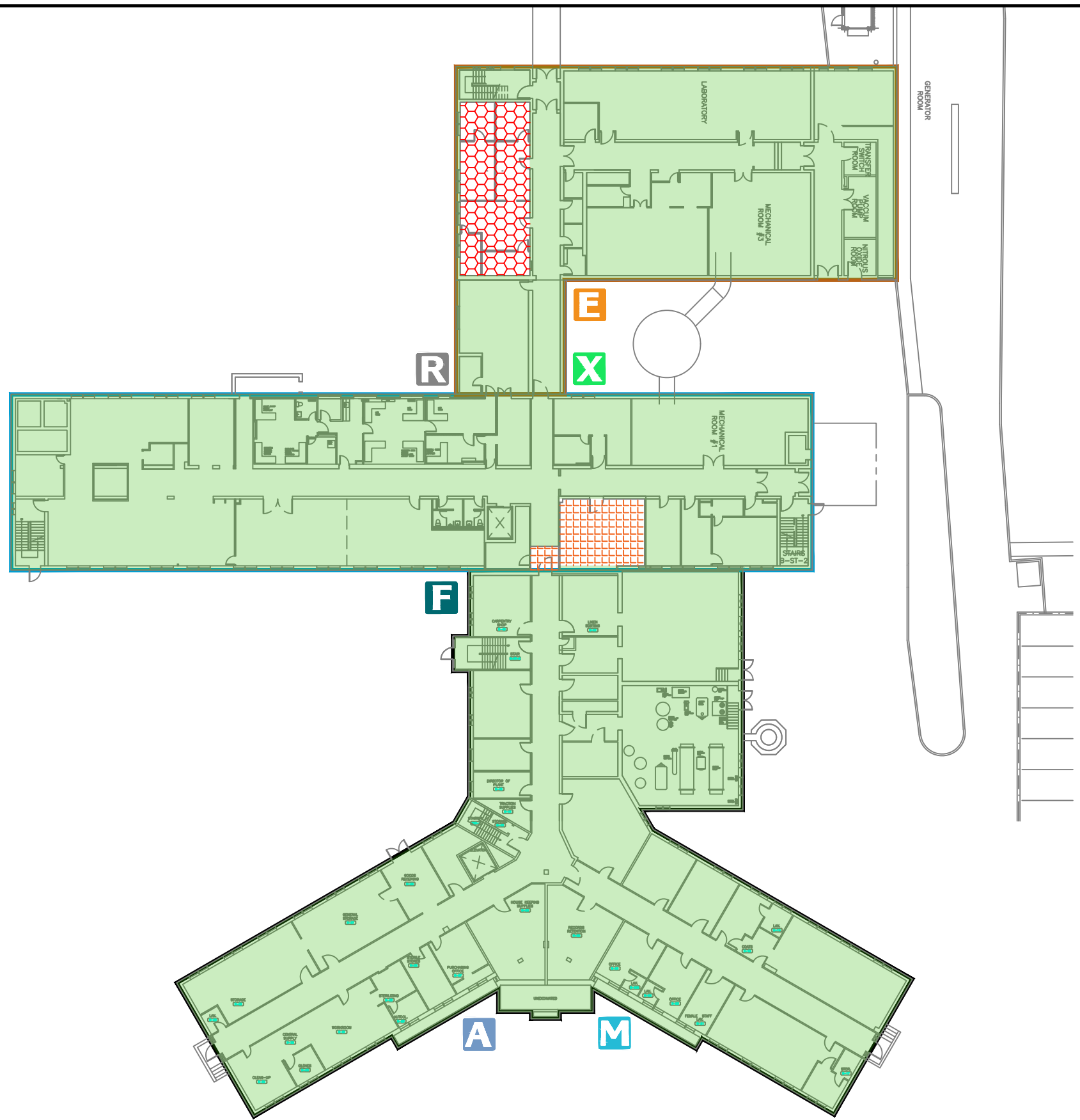


PROJECT:
WEST LINCOLN MEMORIAL HOSPITAL

DRAWING:
BASEMENT MAIN HOSPITAL ACM ON WALLS

PLOT DATE: NOVEMBER 2018	DEPARTMENT: HAZARDOUS MATERIALS
SCALE: N.T.S.	SUPERVISOR: MICHAEL MAORANA
DRAWN BY: JORDAN BOULOS	FILE NUMBER: 217420030 All Drawings WLAB
DRAWING NO.	

AS-01b




NO.	DATE M/D/Y	REVISIONS	BY
1	1/10/2014	UPDATED	RM
2	4/6/2016	UPDATED BY ECHO	MM
3	6/15/2017	UPDATED BY ECHO	JK
4	11/5/2018	UPDATED BY PINCHIN LIMITED	JB

LEGEND - CEILING

- TRANSITE BOARD
- ACM CEILING TILES
- NO ACM PRESENT

WEST LINCOLN MEMORIAL HOSPITAL



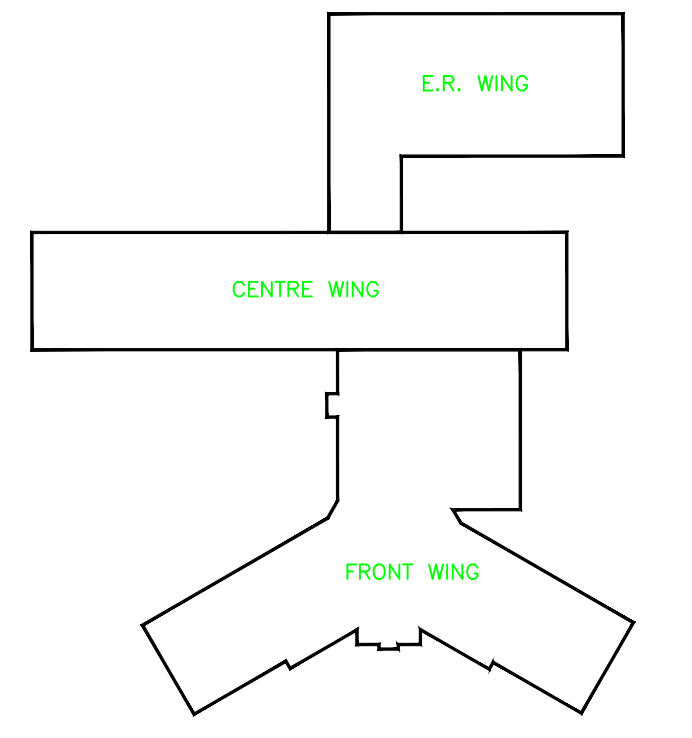
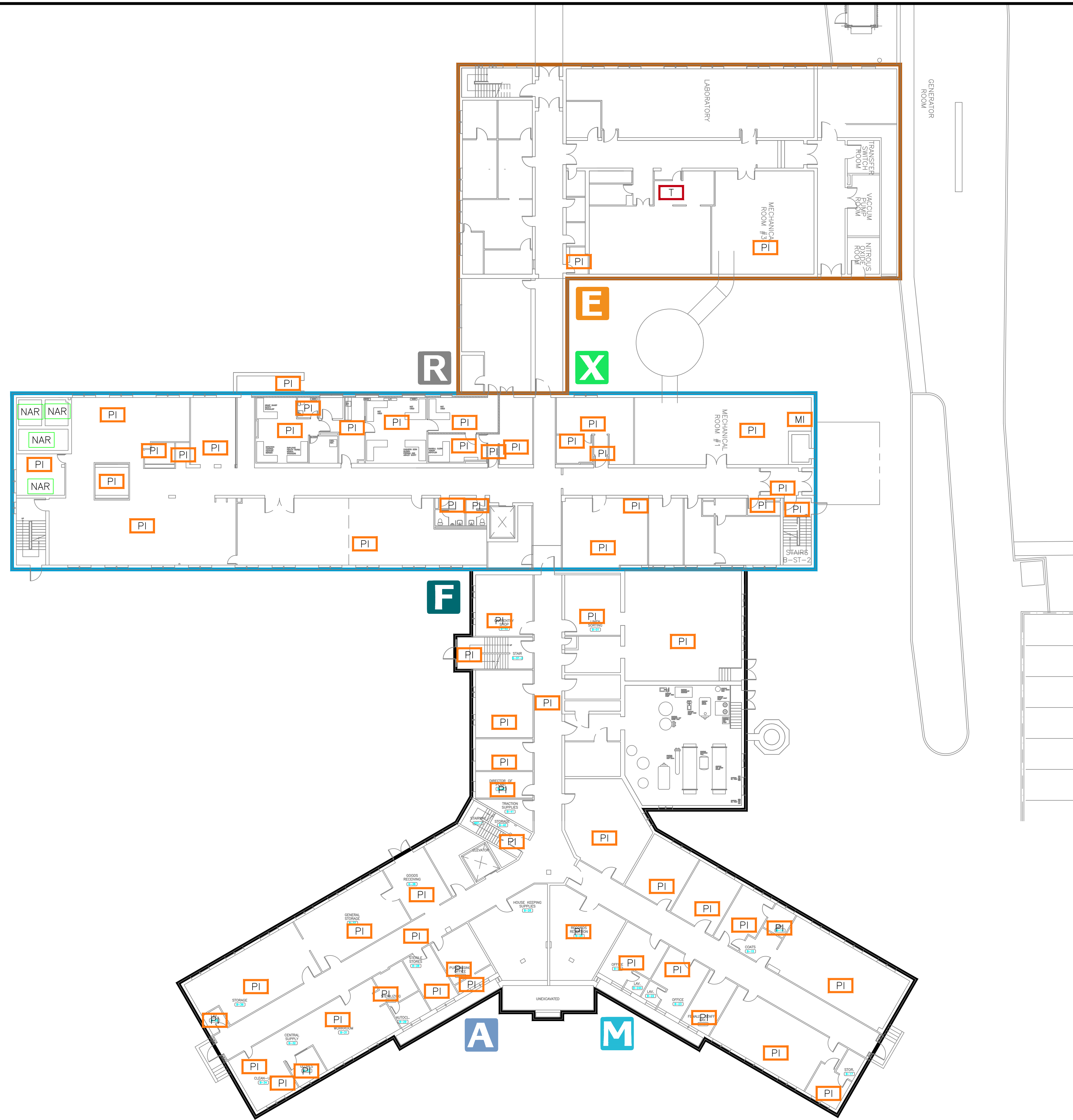
Hamilton Health Sciences
FACILITIES MANAGEMENT

PROJECT:
WEST LINCOLN MEMORIAL HOSPITAL

DRAWING:
BASEMENT MAIN HOSPITAL ACM ON CEILING

PLOT DATE: NOVEMBER 2018	DEPARTMENT: HAZARDOUS MATERIALS
SCALE: N.T.S.	SUPERVISOR: MICHAEL MAIORANA
DRAWN BY: JORDAN BOULOS	FILE NUMBER: 217420030 All Drawings 9/18/18

AS-01c



KEY PLAN N.T.S.

NO.	DATE	M/D/Y	REVISIONS	BY
1	1/10/2014		UPDATED	RM
2	4/6/2016		UPDATED BY ECOH	MM
3	6/15/2017		UPDATED BY ECOH	JK
4	11/5/2018		UPDATED BY PINCHIN LIMITED	JB

- LEGEND – OTHER
- PI ACM PIPE INSULATION
 - MI ACM MECHANICAL INSULATION
 - T TRANSITE IN FUMEHOOD
 - NAR NO ACCESS TO ROOM/AREA

**WEST LINCOLN
MEMORIAL HOSPITAL**

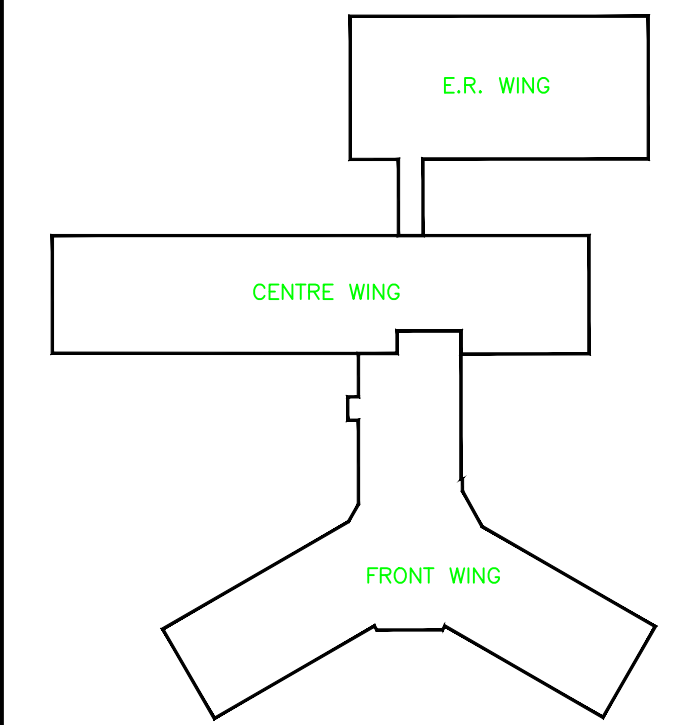
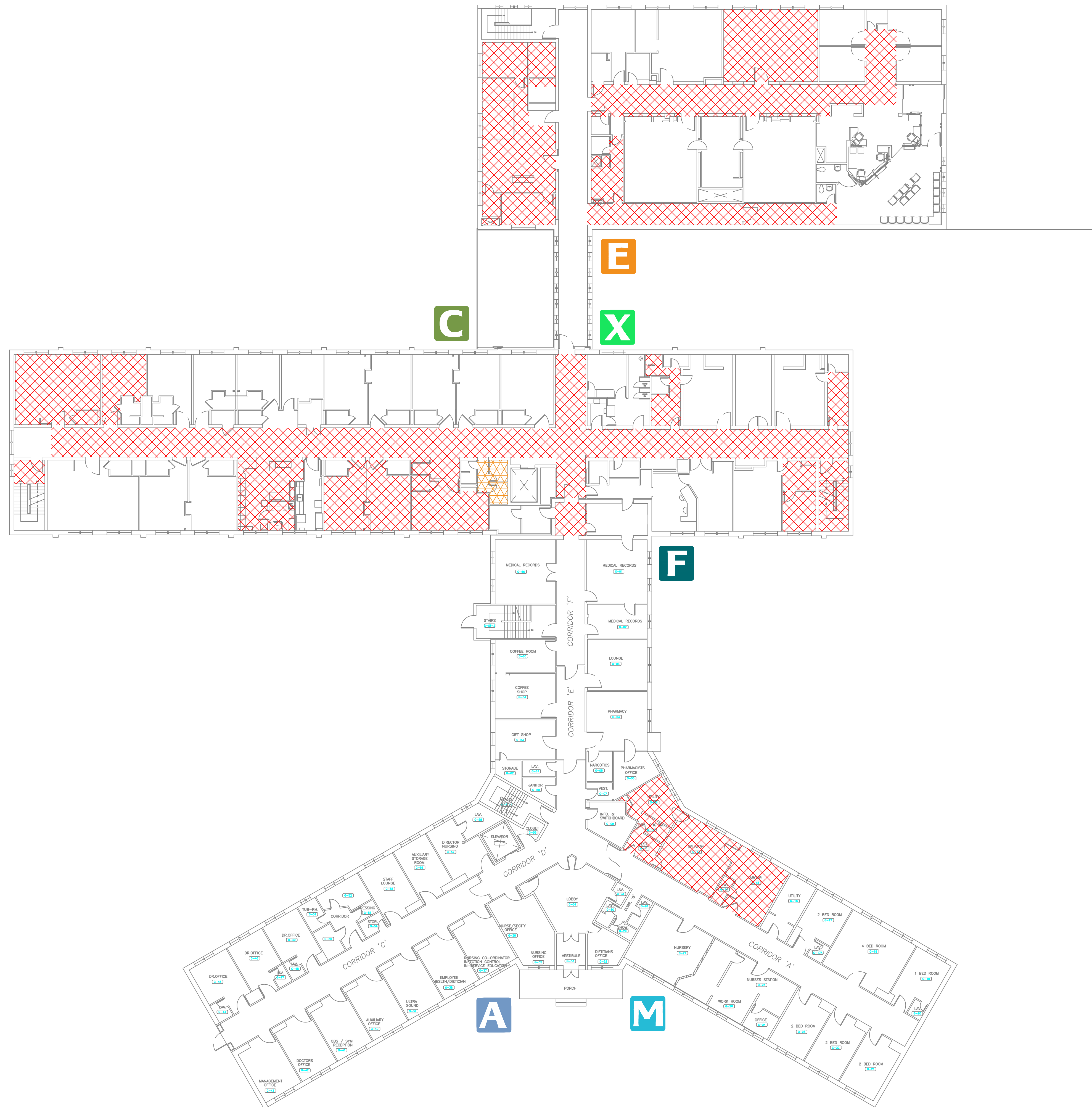
**Hamilton
Health
Sciences**
FACILITIES MANAGEMENT

PROJECT:
WEST LINCOLN MEMORIAL
HOSPITAL

DRAWING:
**BASEMENT
MAIN HOSPITAL
OTHER ACM**

<p>PLD DATE: NOVEMBER 2018</p> <p>SCALE: N.T.S.</p> <p>DRAWN BY: JORDAN BOULOS</p> <p>DRAWING No.</p>	<p>DEPARTMENT: HAZARDOUS MATERIALS</p> <p>SUPERVISOR: MICHAEL MAIORANA</p> <p>FILE NAME: 217420-030 All Drawings WLMH</p>
---	---

AS-01d



KEY PLAN N.T.S.

NO.	DATE M/D/Y	REVISIONS	BY
1	1/10/2014	UPDATED	RM
2	4/6/2016	UPDATED BY ECOH	MM
3	6/15/2017	UPDATED BY ECOH	JK
4	11/5/2018	UPDATED BY PINCHIN LIMITED	JB

LEGEND - FLOORS

- ACM VINYL FLOOR TILES AND/OR MASTIC
- ACM VINYL SHEET FLOORING AND/OR MASTIC

WEST LINCOLN MEMORIAL HOSPITAL

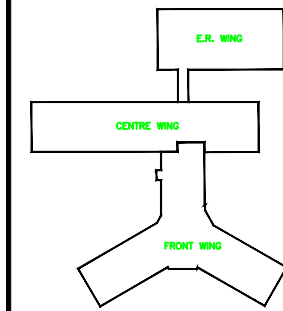
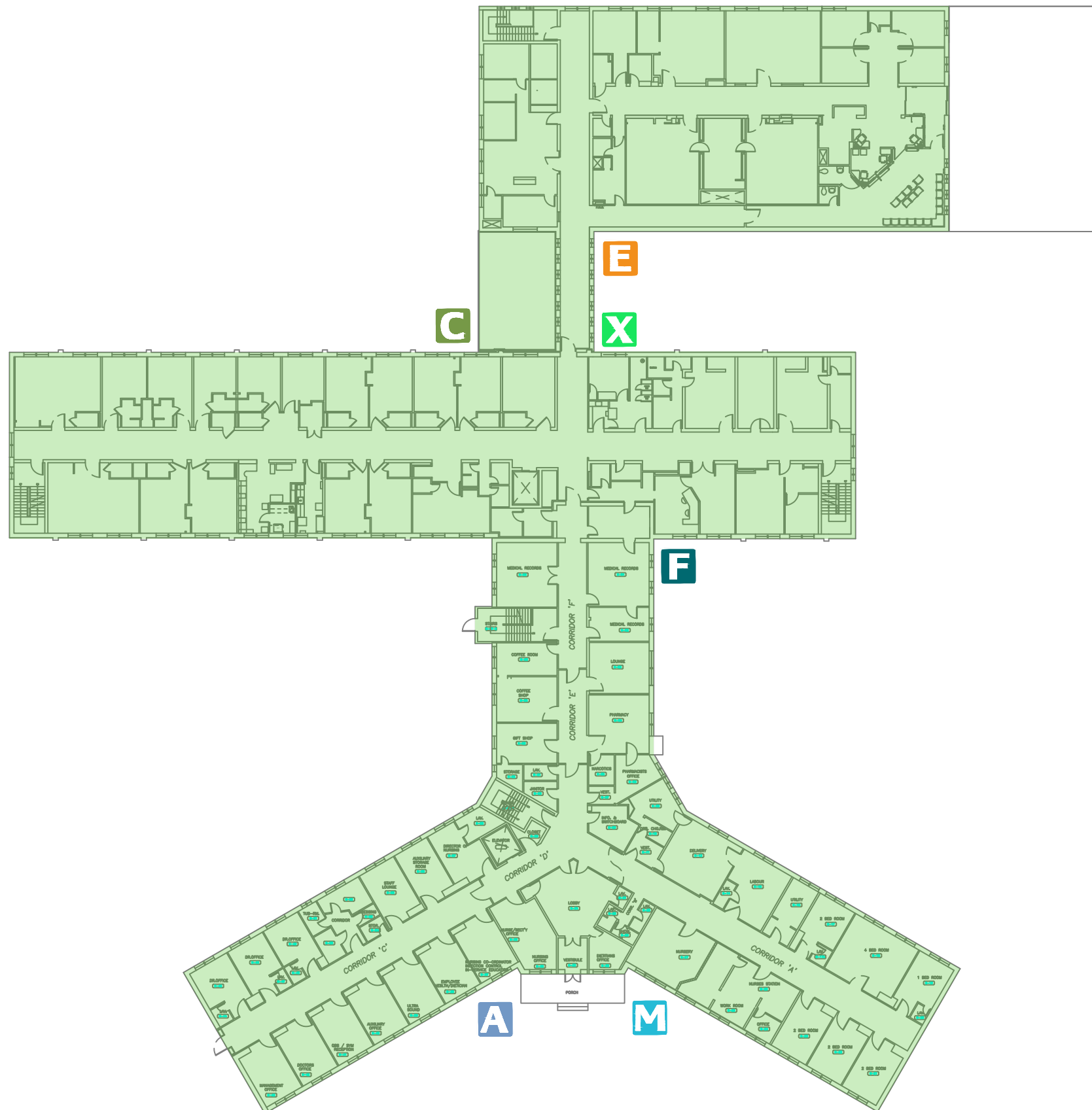
Hamilton Health Sciences
FACILITIES MANAGEMENT

PROJECT: WEST LINCOLN MEMORIAL HOSPITAL

DRAWING: **GROUND FLOOR MAIN HOSPITAL ACM ON FLOOR**

PLOT DATE: NOVEMBER 2018 SCALE: N.T.S. DRAWN BY: JORDAN BOULOS DRAWING No.	DEPARTMENT: HAZARDOUS MATERIALS SUPERVISOR: MICHAEL MAIORANA FILE NAME: 2018030 All Drawings WLMH
--	--

AS-02a



KEY PLAN N.T.S.

NO.	DATE M/D/Y	REVISIONS	BY
1	1/10/2014	UPDATED	RM
2	4/6/2016	UPDATED BY ECHO	MM
3	6/15/2017	UPDATED BY ECHO	JK
4	11/5/2018	UPDATED BY PINCHIN LIMITED	JB

LEGEND – WALLS
 NO ACM PRESENT

**WEST LINCOLN
 MEMORIAL HOSPITAL**

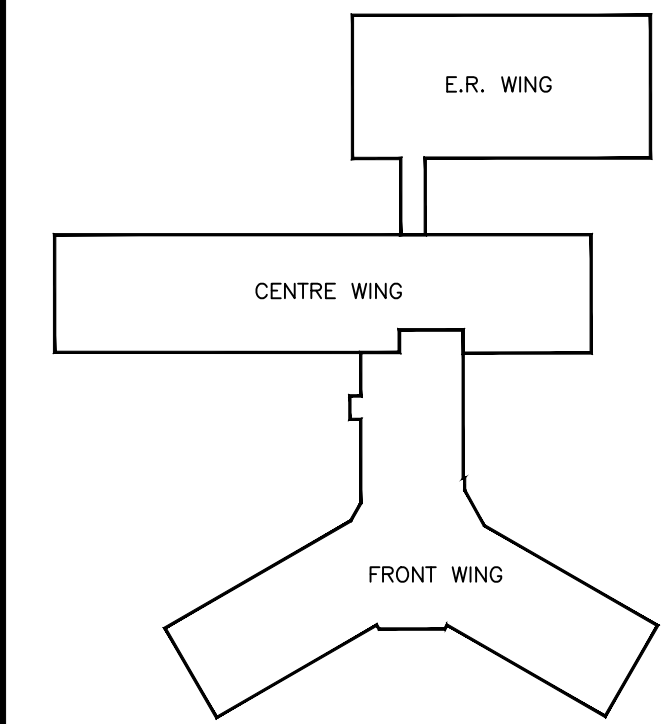
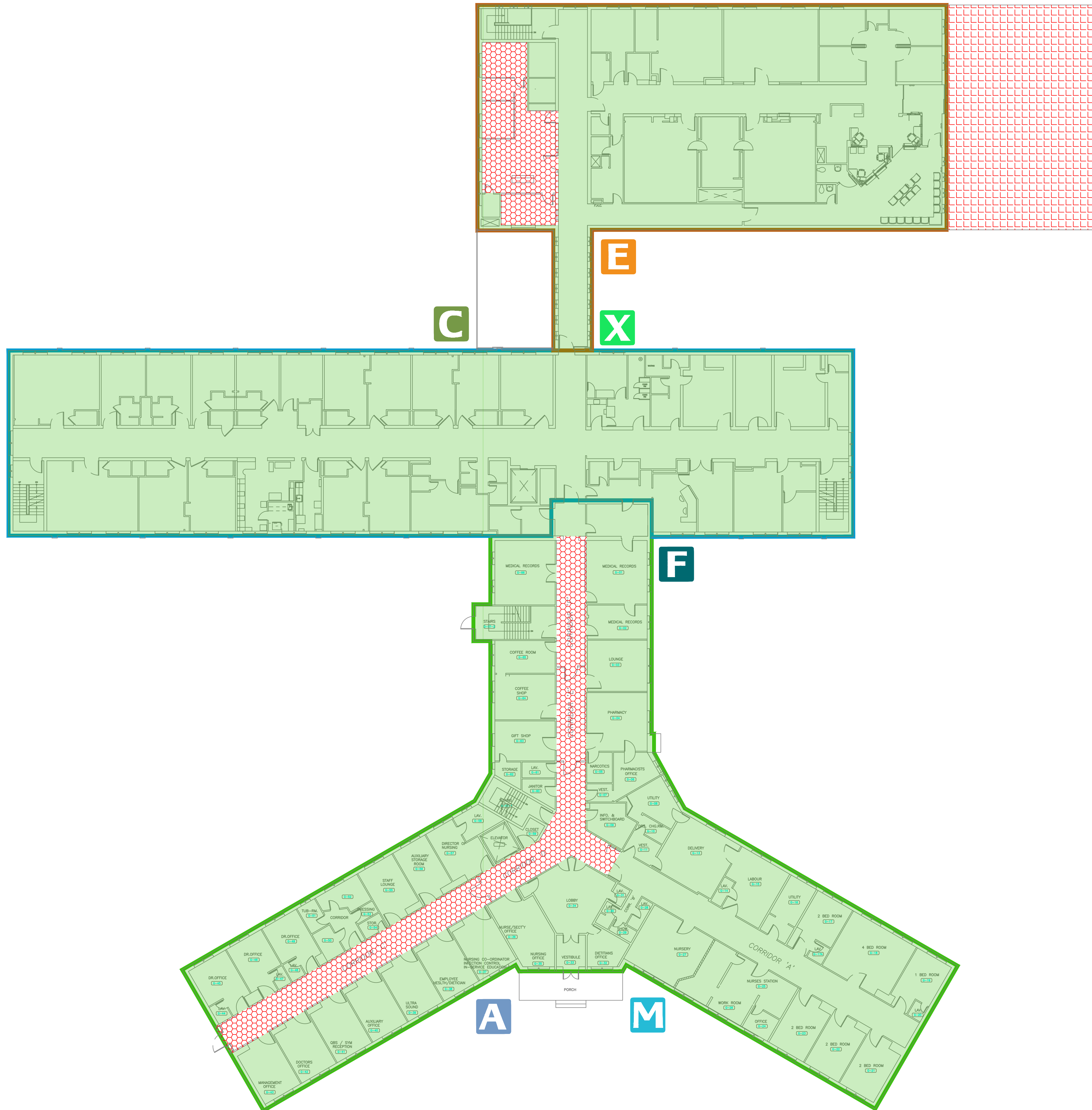


PROJECT:
 WEST LINCOLN MEMORIAL
 HOSPITAL – MASTER FLOOR
 PLANS

DRAWING:
**GROUND FLOOR
 MAIN HOSPITAL
 ACM ON WALLS**

PLOT DATE: NOVEMBER 2018	DEPARTMENT: HAZARDOUS MATERIALS
SCALE: N.T.S.	SUPERVISOR: MICHAEL MAIORANA
DRAWN BY: JORDAN BOULOS	FILE NUMBER: 217420030 All Drawings 91481
DRAWING NO.	

AS-02b



KEY PLAN N.T.S.

NO.	DATE W/D/Y	REVISIONS	BY
1	1/10/2014	UPDATED	RM
2	4/6/2016	UPDATED BY ECOH	MM
3	6/15/2017	UPDATED BY ECOH	JK
4	11/5/2018	UPDATED BY PINCHIN LIMITED	JB

- LEGEND - CEILING
- TRANSITE BOARD
 - ACM CEILING TILES
 - NO ACM PRESENT

**WEST LINCOLN
MEMORIAL HOSPITAL**

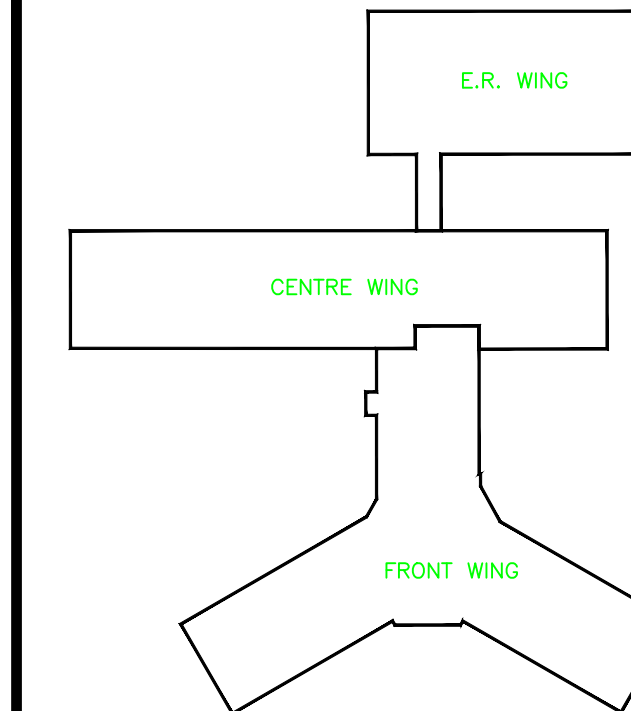
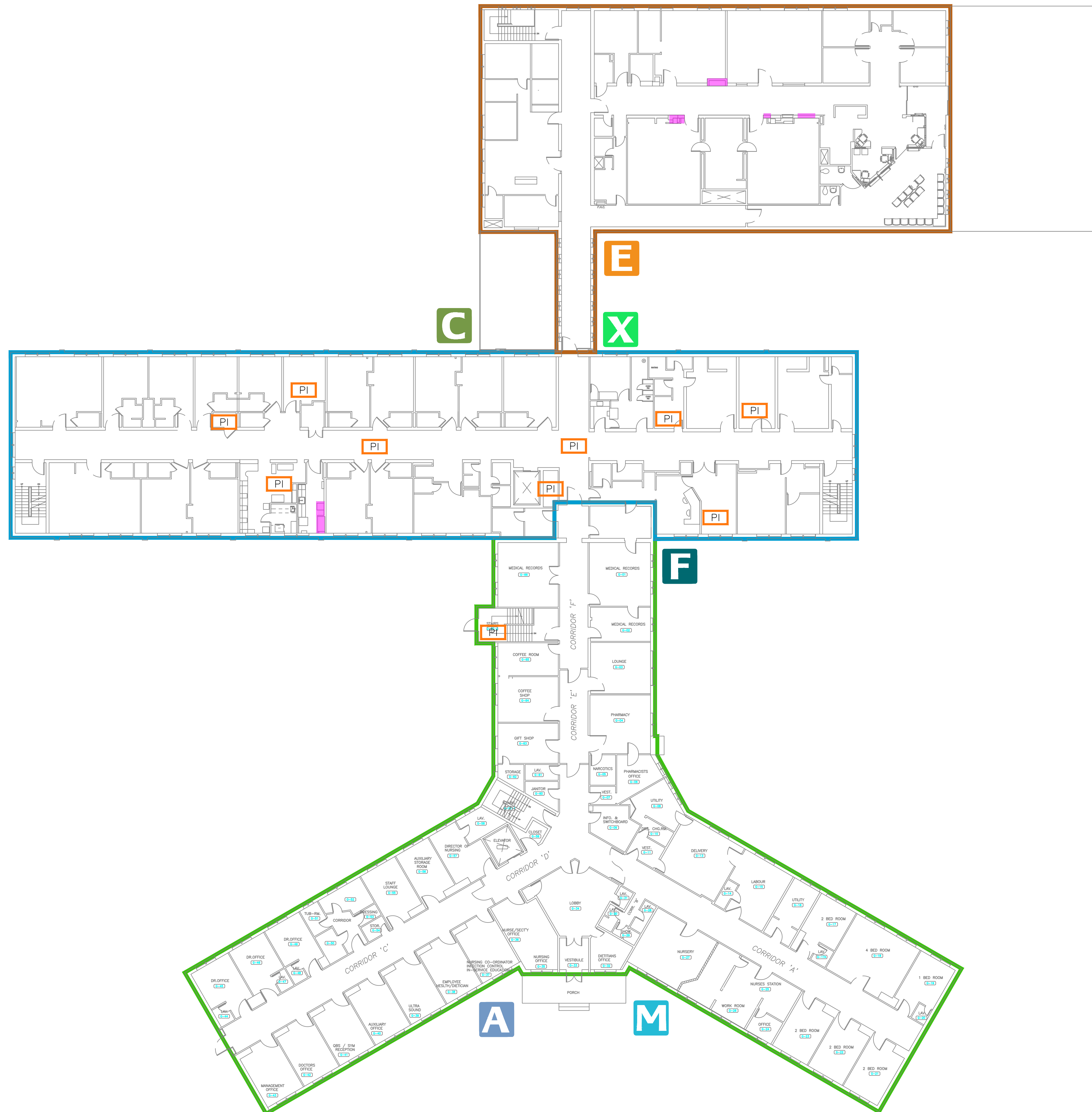
**Hamilton
Health
Sciences**
FACILITIES MANAGEMENT

PROJECT:
WEST LINCOLN MEMORIAL
HOSPITAL

**GROUND FLOOR
MAIN HOSPITAL
ACM ON CEILING**

PLOT DATE: NOVEMBER 2018	DEPARTMENT: HAZARDOUS MATERIALS
SCALE: N.T.S.	SUPERVISOR: MICHAEL MAIORANA
DRAWN BY: JORDAN BOULOS	FILE NAME: 21-1925-030 All Drawings WLMH
DRAWING NO.:	

AS-02c



KEY PLAN N.T.S.

NO.	DATE M/D/Y	REVISIONS	BY
1	1/10/2014	UPDATED	RM
2	4/6/2016	UPDATED BY ECOH	MM
3	6/15/2017	UPDATED BY ECOH	JK
4	11/5/2018	UPDATED BY PINCHIN LIMITED	JB

LEGEND - OTHER
 PI ACM PIPE INSULATION
 ACM TAMPED FIRESTOPPING-ELECTRIC PANELS

WEST LINCOLN MEMORIAL HOSPITAL

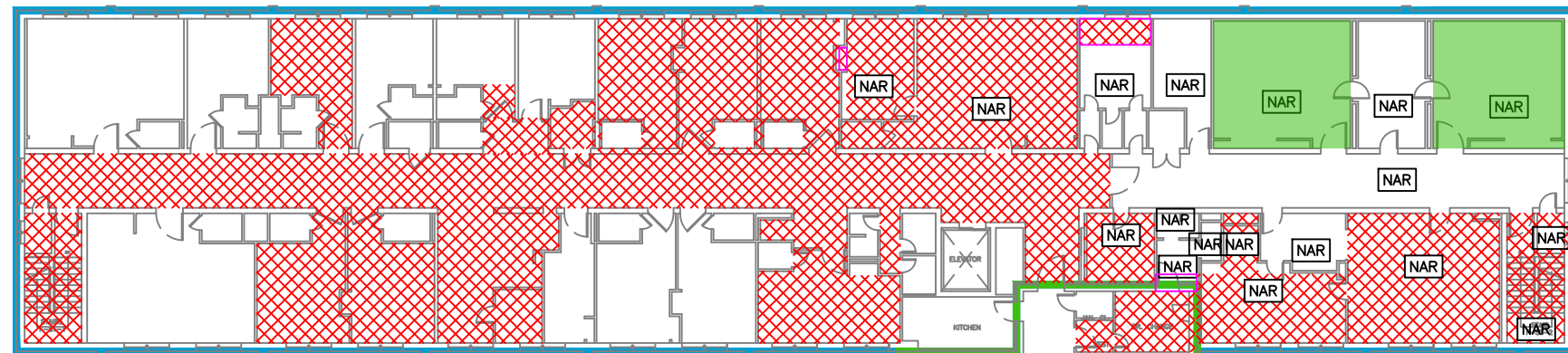


PROJECT: WEST LINCOLN MEMORIAL HOSPITAL

DRAWING: **GROUND FLOOR MAIN HOSPITAL OTHER ACM**

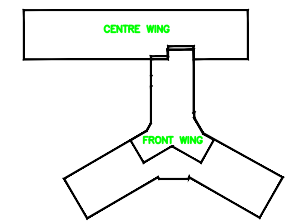
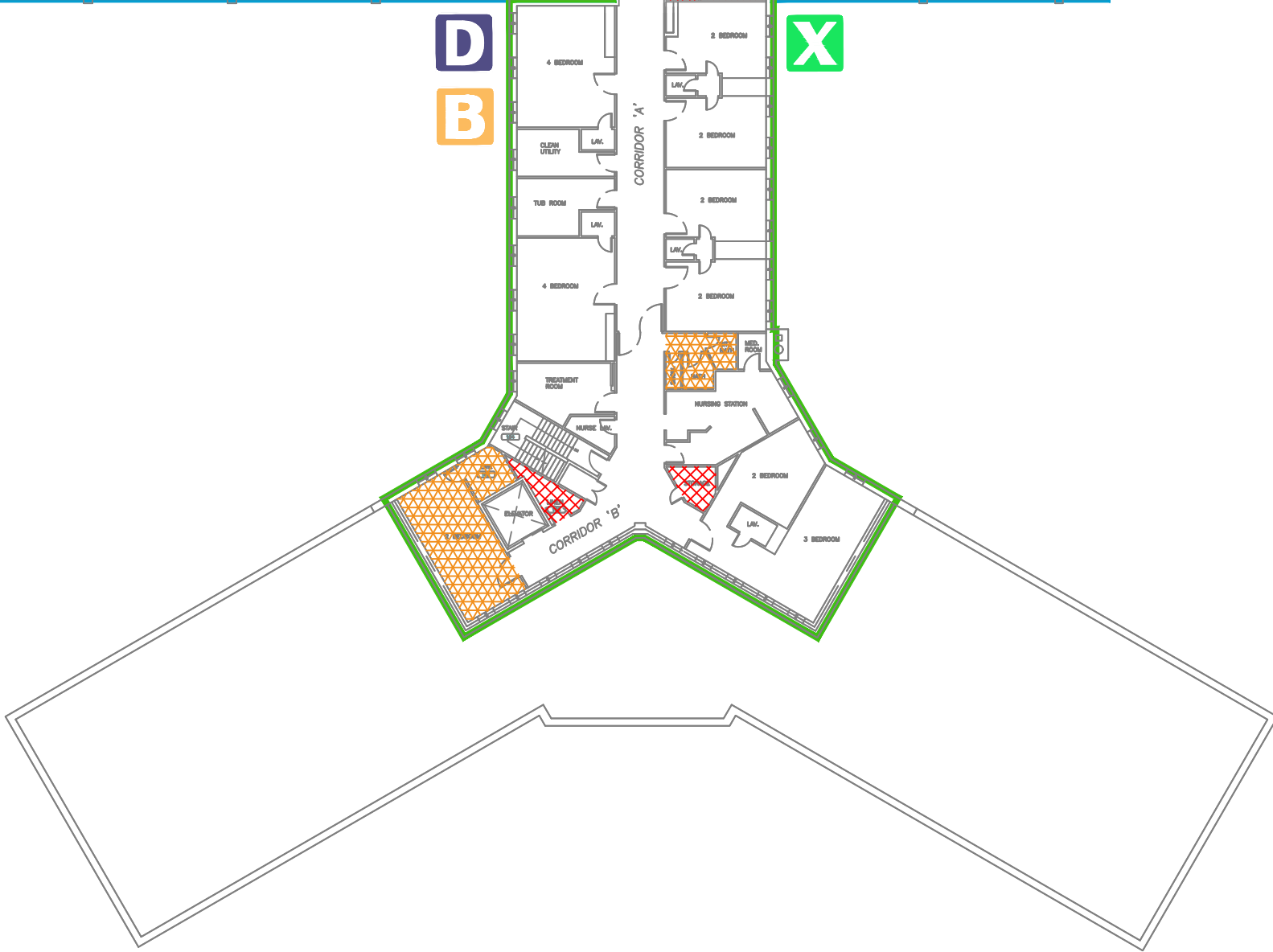
PLOT DATE: NOVEMBER 2018	DEPARTMENT: HAZARDOUS MATERIALS
SCALE: N.T.S.	SUPERVISOR: MICHAEL MAIORANA
DRAWN BY: JORDAN BOULOS	FILE: 9446-030 All Drawings WLMH
DRAWING No.:	

AS-02d



D
B

X



KEY PLAN N.T.S.

NO.	DATE M/D/Y	REVISIONS	BY
1	1/10/2014	UPDATED	PM
2	4/8/2016	UPDATED BY ECOH	MM
3	6/15/2017	UPDATED BY ECOH	JK
4	11/5/2018	UPDATED BY PINCHIN LIMITED	JB

- LEGEND - FLOORS**
- ACM VINYL FLOOR TILES AND/OR MASTIC
 - ACM VINYL SHEET FLOORING AND/OR MASTIC
 - NO ACCESS TO ROOM/AREA
 - ACM ABATED AREAS AS PER HHS RECORDS

**WEST LINCOLN
MEMORIAL HOSPITAL**

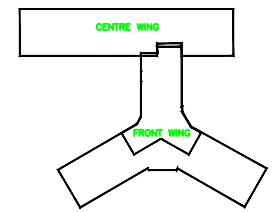
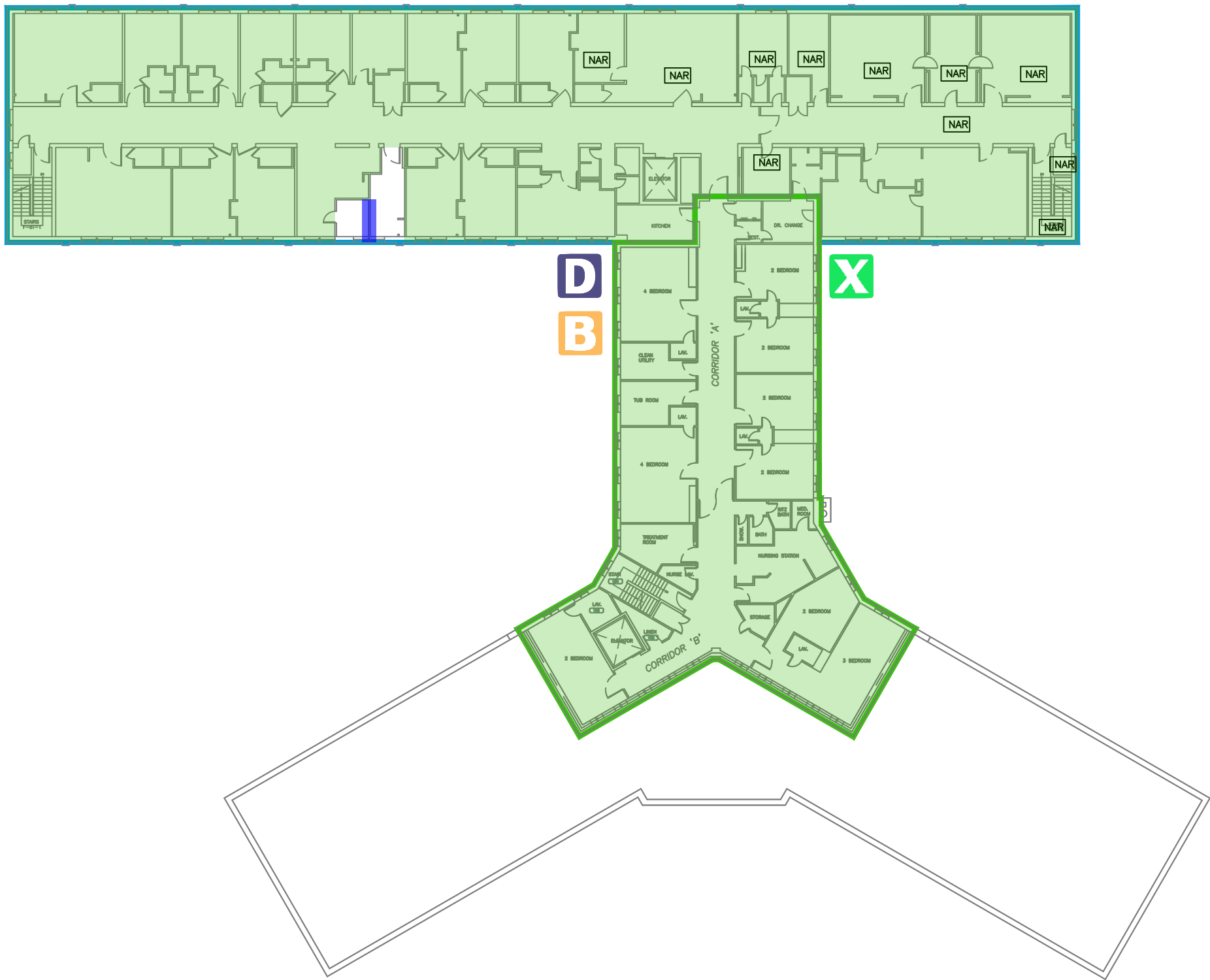


PROJECT:
WEST LINCOLN MEMORIAL HOSPITAL

DRAWING:
**FIRST FLOOR
MAIN HOSPITAL
ACM ON FLOOR**

PLOT DATE: NOVEMBER 2018 SCALE: N.T.S. DRAWN BY: JORDAN BOULOS DRAWING NO.	DEPARTMENT: HAZARDOUS MATERIALS SUPERVISOR: MICHAEL MAIORANA FILE NAME: 217420330 All Drawings SMB
--	--

AS-03a



KEY PLAN N.T.S.

NO.	DATE M/D/Y	REVISIONS	BY
1	1/10/2014	UPDATED	RM
2	4/6/2016	UPDATED BY ECHO	MM
3	6/15/2017	UPDATED BY ECHO	JK
4	11/5/2018	UPDATED BY PINCHIN LIMITED	JB

LEGEND - WALL
 TRANSITE
 NO ACM PRESENT

**WEST LINCOLN
MEMORIAL HOSPITAL**

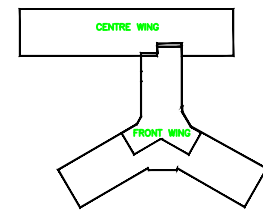
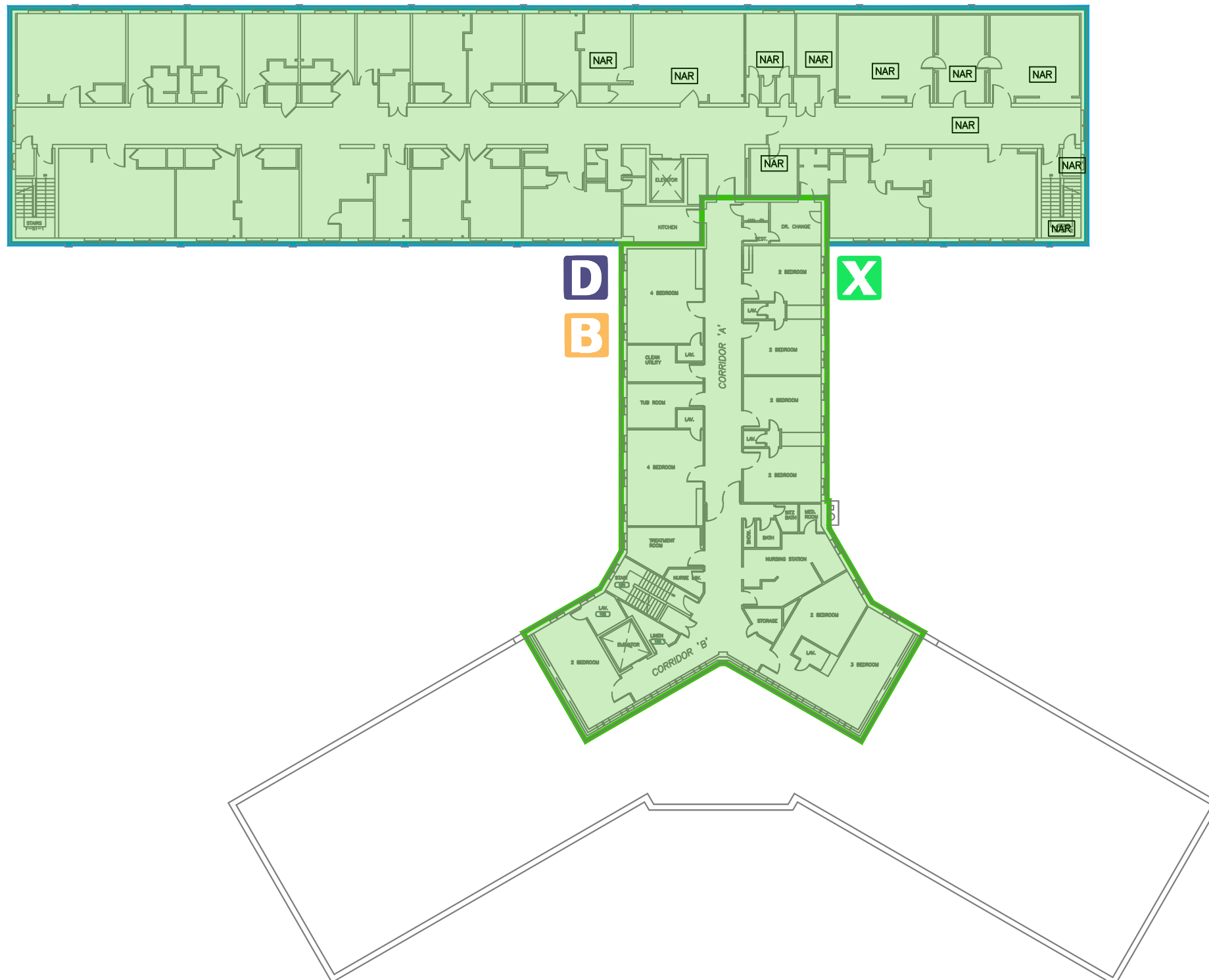


PROJECT:
**WEST LINCOLN MEMORIAL
HOSPITAL**

DRAWING:
**FIRST FLOOR
MAIN HOSPITAL
ACM ON WALLS**

PROJECT DATE: NOVEMBER 2018	DEPARTMENT: HAZARDOUS MATERIALS
SCALE: N.T.S.	SUPERVISOR: MICHAEL MAIORANA
DRAWN BY: JORDAN BOULOS	FILE NUMBER: 217420030 All Drawings WLMH

DRAWING NO.
AS-03b



KEY PLAN N.T.S.

NO.	DATE M/D/Y	REVISIONS	BY
1	1/10/2014	UPDATED	RM
2	4/6/2016	UPDATED BY ECHO	MM
3	6/15/2017	UPDATED BY ECHO	JK
4	11/5/2018	UPDATED BY PINCHIN LIMITED	JB

LEGEND - CEILING
 [Green Box] NO ACM PRESENT

**WEST LINCOLN
 MEMORIAL HOSPITAL**

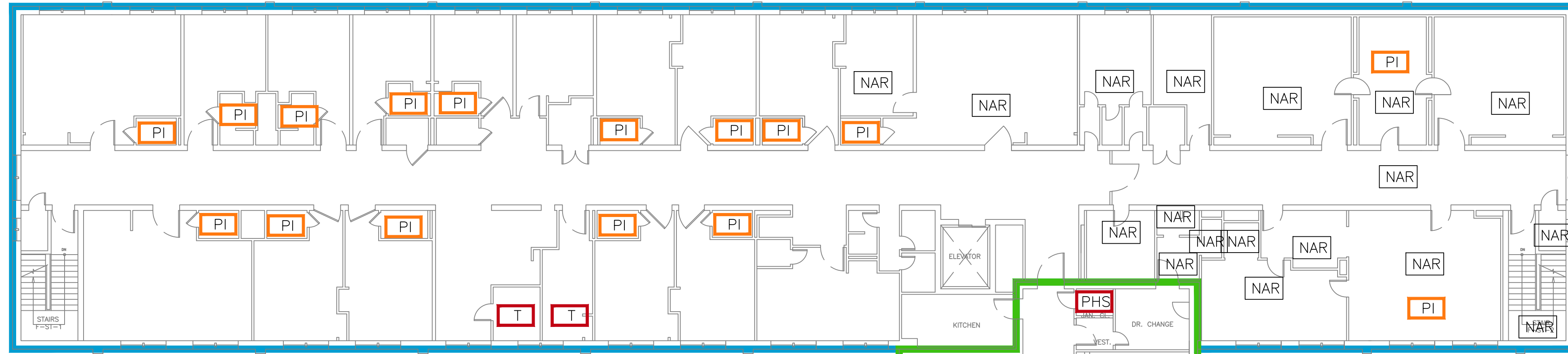


PROJECT:
 WEST LINCOLN MEMORIAL
 HOSPITAL

DRAWING:
**FIRST FLOOR
 MAIN HOSPITAL
 ACM ON CEILING**

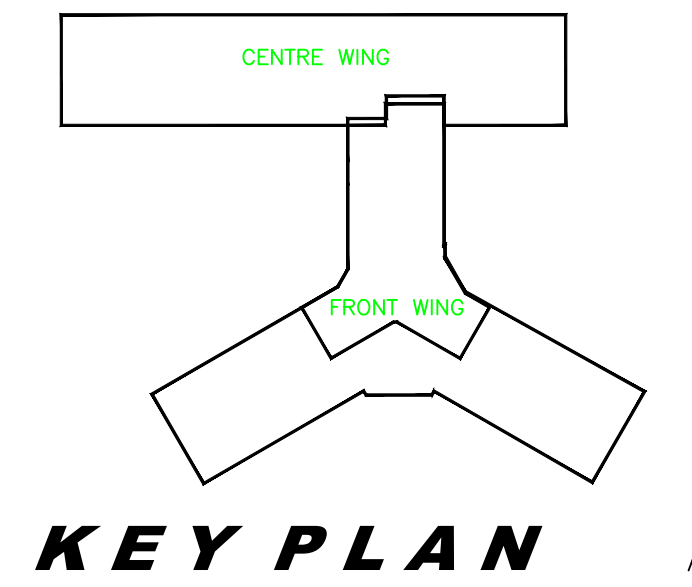
PLOT DATE: NOVEMBER 2018 SCALE: N.T.S. DRAWN BY: JORDAN BOULOS	DEPARTMENT: HAZARDOUS MATERIALS SUPERVISOR: MICHAEL MAIORANA FILE NUMBER: 217420030 All Drawings WLMH
---	---

AS-03c



D
B

X



NO.	DATE	W/D/Y	REVISIONS	BY
1	1/10/2014		UPDATED	RM
2	4/6/2016		UPDATED BY ECOH	MM
3	6/15/2017		UPDATED BY ECOH	JK
4	11/5/2018		UPDATED BY PINCHIN LIMITED	JB

- LEGEND – OTHER
- PI ACM PIPE INSULATION
 - PHS PAPER HEAT SHIELD IN LIGHT FIXTURE
 - NAR NO ACCESS TO ROOM/AREA
 - T TRANSITE

**WEST LINCOLN
MEMORIAL HOSPITAL**

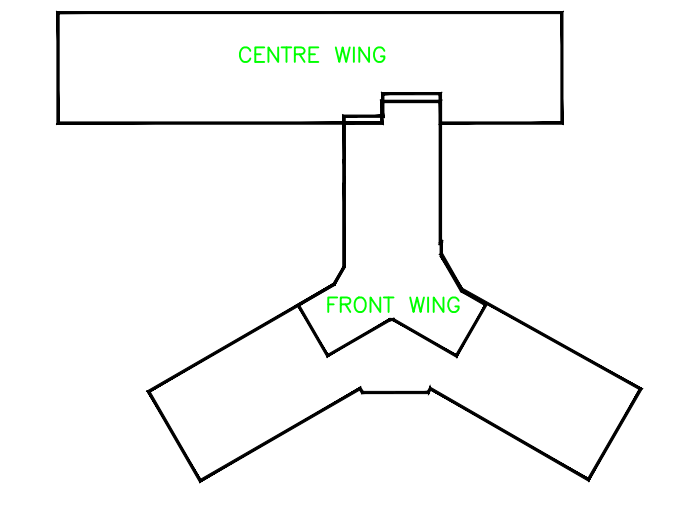
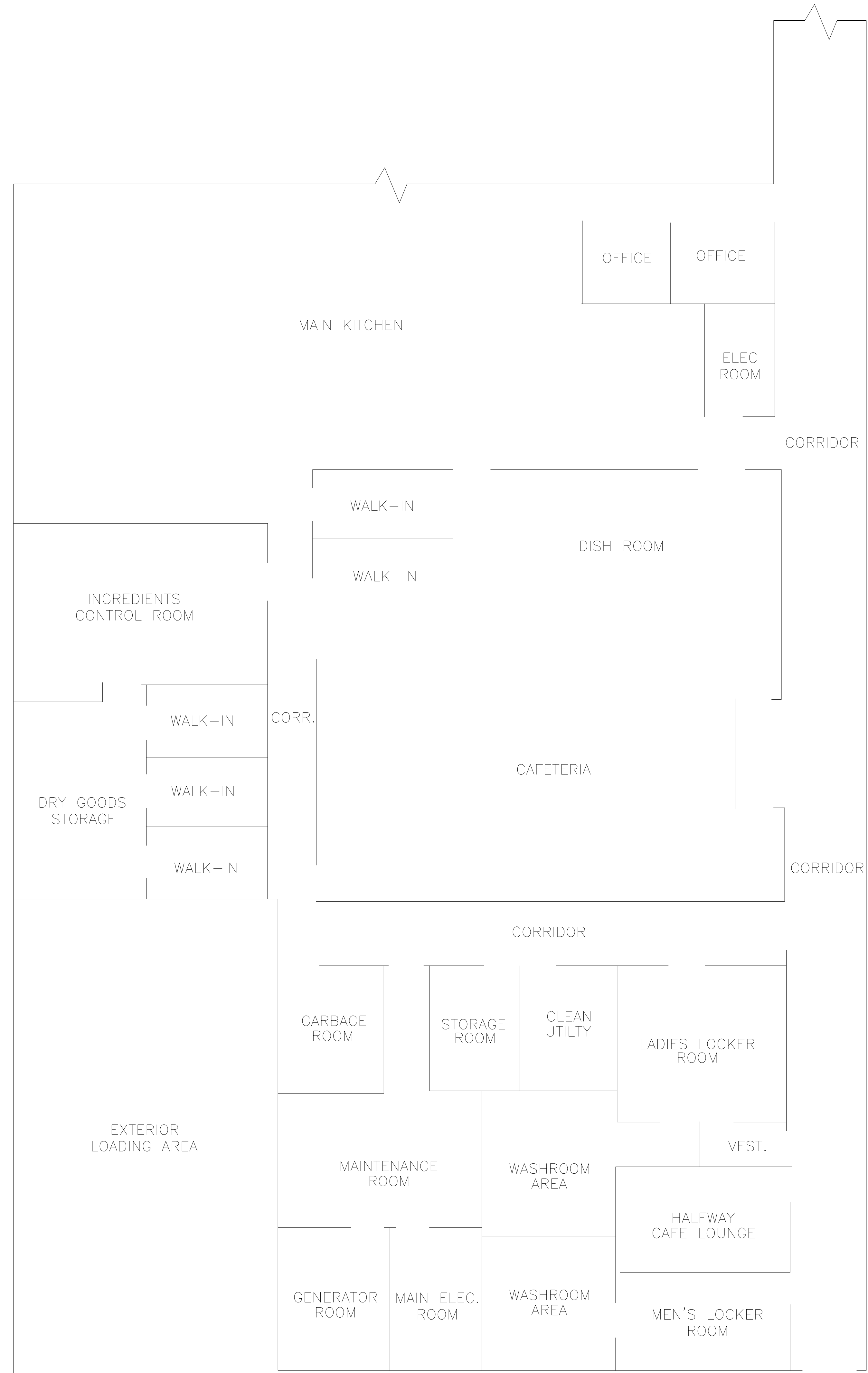


PROJECT:
WEST LINCOLN MEMORIAL HOSPITAL

DRAWING:
**FIRST FLOOR
MAIN HOSPITAL
OTHER ACM**

DATE: NOVEMBER 2018	DEPARTMENT: HAZARDOUS MATERIALS
SCALE: N.T.S.	SUPERVISOR: MICHAEL MAIORANA
DRAWN BY: JORDAN BOULOS	FILE NAME: 01-12-18-030 All Drawings WLMH

AS-03d



KEY PLAN N.T.S.

NO.	DATE M/D/Y	REVISIONS	BY
1	1/10/2014	UPDATED	RM
2	4/6/2016	UPDATED BY ECOH	MM
3	6/15/2017	UPDATED BY ECOH	JK
4	11/5/2018	UPDATED BY PINCHIN LIMITED	JB

- LEGEND - FLOORS
- ACM VINYL FLOOR TILES AND/OR MASTIC
 - ACM VINYL SHEET FLOORING AND/OR MASTIC
 - NAR NO ACCESS TO ROOM/AREA

WEST LINCOLN MEMORIAL HOSPITAL

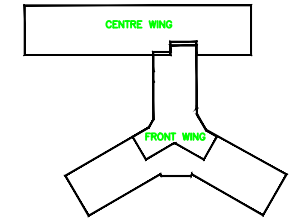
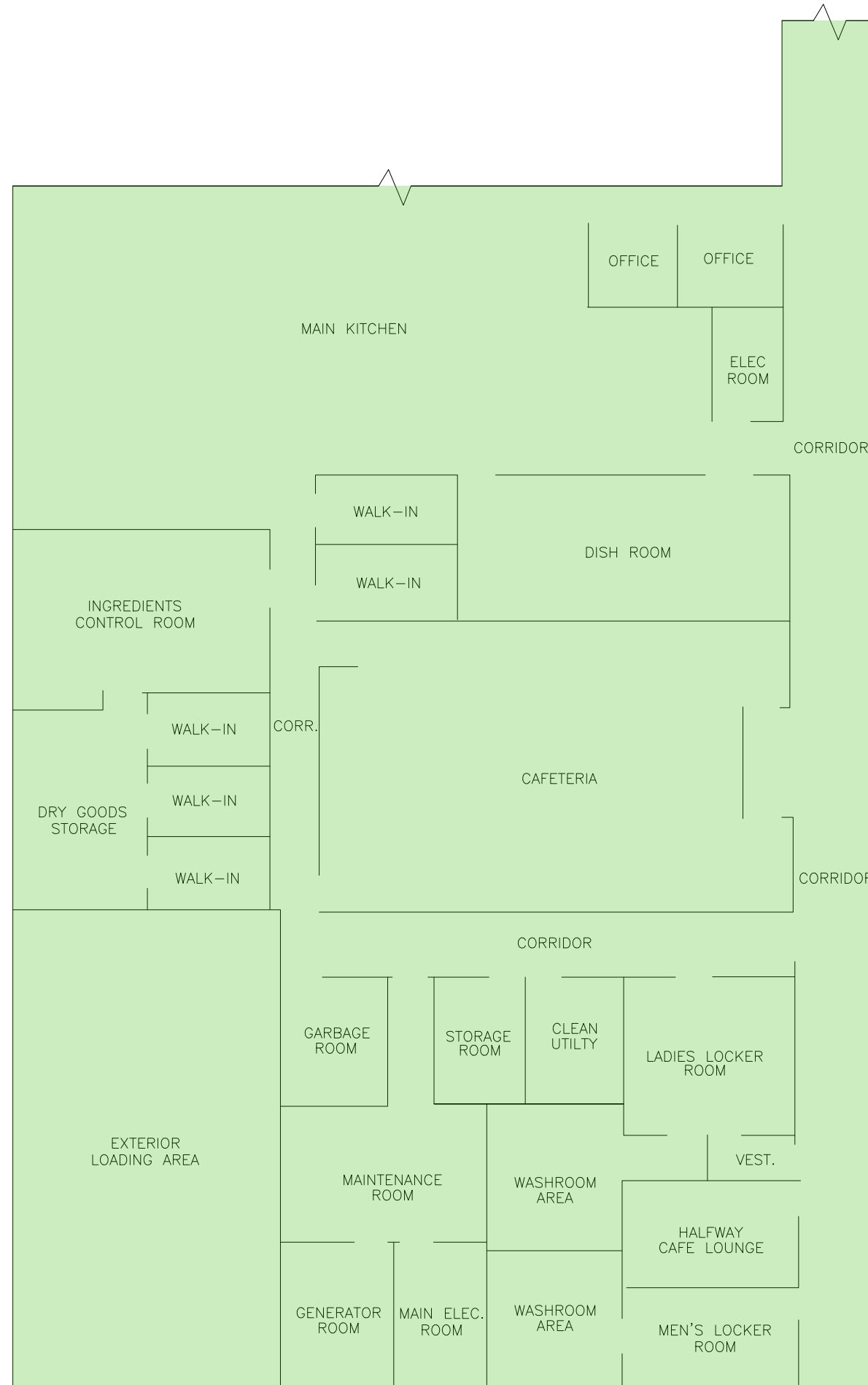
Hamilton Health Sciences
FACILITIES MANAGEMENT

PROJECT: WEST LINCOLN MEMORIAL HOSPITAL

DRAWING: **GROUND FLOOR KITCHEN AREA WING ACM ON FLOOR**

PLOT DATE: NOVEMBER 2018	DEPARTMENT: HAZARDOUS MATERIALS
SCALE: N.T.S.	SUPERVISOR: MICHAEL MAIORANA
DRAWN BY: JORDAN BOULOS	FILE NAME: 317420.030 All Drawings WLMH
DRAWING No.	

AS-04a



KEY PLAN N.T.S.

NO.	DATE M/D/Y	REVISIONS	BY
1	1/10/2014	UPDATED	RM
2	4/8/2016	UPDATED BY ECOH	MM
3	6/15/2017	UPDATED BY ECOH	JK
4	11/5/2018	UPDATED BY PINCHIN LIMITED	JB

LEGEND - WALL
 NO ACM PRESENT

**WEST LINCOLN
 MEMORIAL HOSPITAL**

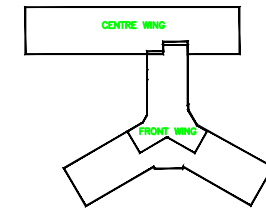
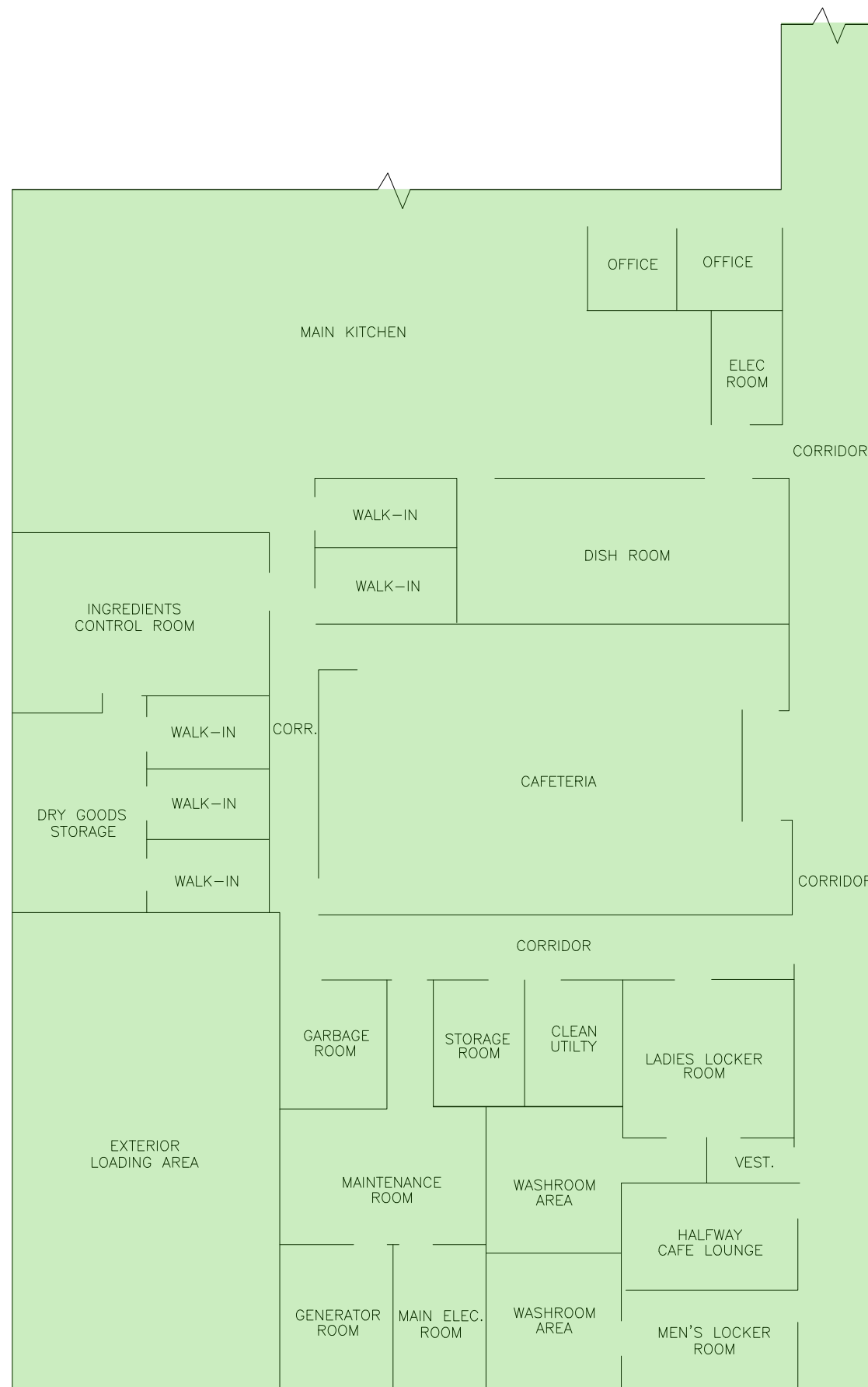


PROJECT:
 WEST LINCOLN MEMORIAL HOSPITAL

DRAWING:
**GROUND FLOOR
 KITCHEN AREA WING
 ACM ON WALL**

PLOT DATE: NOVEMBER 2018 SCALE: N.T.S. DRAWN BY: JORDAN BOULOS DRAWING NO.	DEPARTMENT: HAZARDOUS MATERIALS SUPERVISOR: MICHAEL MAORANA FILE NAME: 21720030 All Drawings WLM
--	--

AS-04b



KEY PLAN N.T.S.

NO.	DATE M/D/Y	REVISIONS	BY
1	1/10/2014	UPDATED	RM
2	4/6/2016	UPDATED BY EDOH	MM
3	6/15/2017	UPDATED BY EDOH	JK
4	11/5/2018	UPDATED BY PINCHN LIMITED	JB

LEGEND - CEILING
 NO ACM PRESENT

**WEST LINCOLN
 MEMORIAL HOSPITAL**

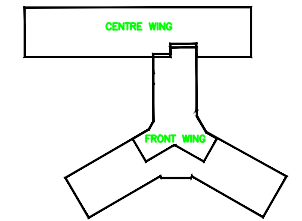
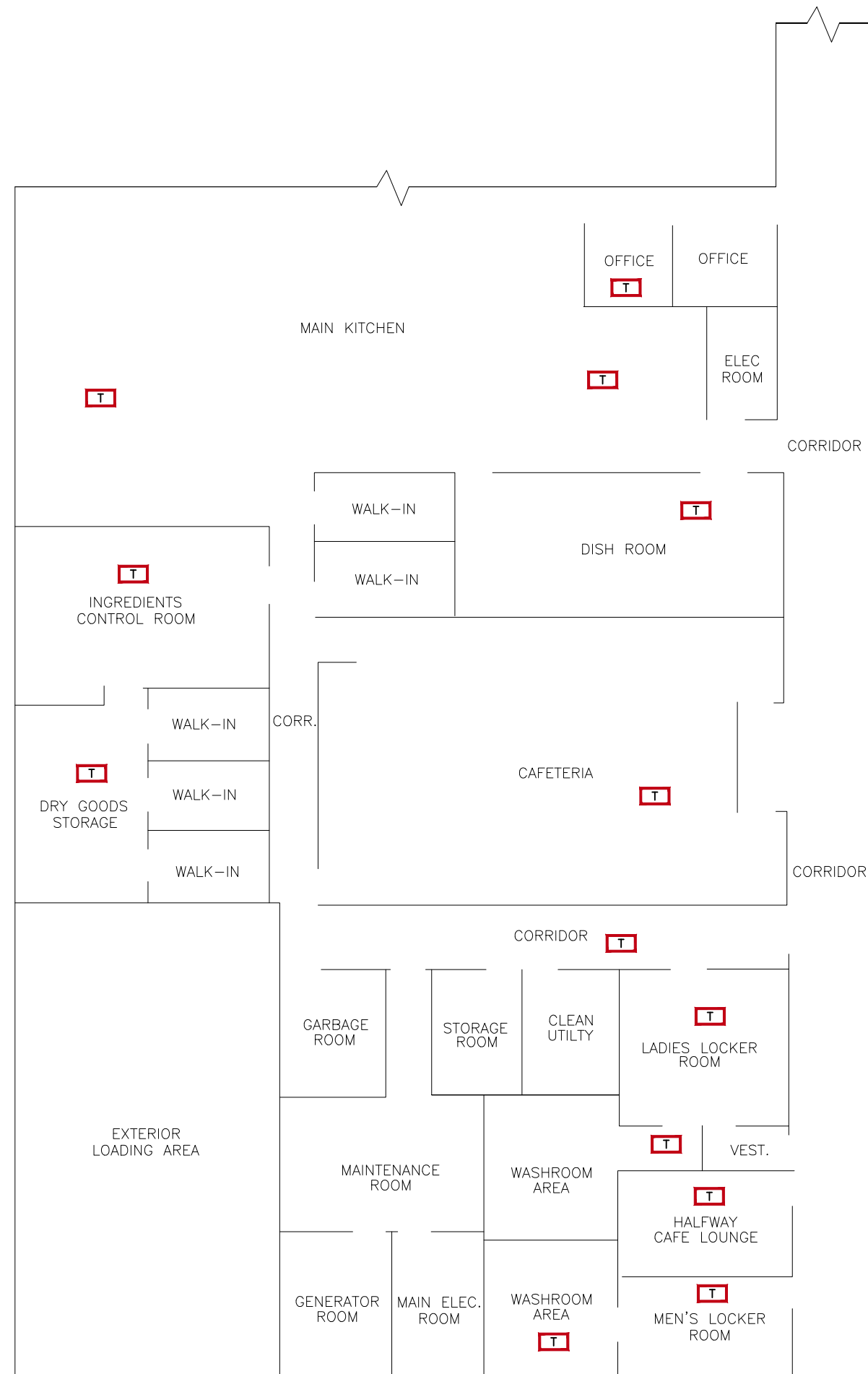


PROJECT:
 WEST LINCOLN MEMORIAL
 HOSPITAL

DRAWING:
**GROUND FLOOR
 KITCHEN AREA WING
 ACM ON CEILING**

PLT DATE: NOVEMBER 2018	DEPARTMENT: HAZARDOUS MATERIALS
SCALE: N.T.S.	SUPERVISOR: MICHAEL MAORANA
DRAWN BY: JORDAN BOULOS	FILE NAME: 21722030 All Drawings
DRAWING NO.:	DATE:

AS-04c



KEY PLAN N.T.S.

NO.	DATE M/D/Y	REVISIONS	BY
1	1/10/2014	UPDATED	RM
2	4/8/2016	UPDATED BY ECOH	MM
3	6/15/2017	UPDATED BY ECOH	JK
4	11/5/2018	UPDATED BY PINCHIN LIMITED	JB

LEGEND - OTHER
T TRANSITE RAIN WATER LEADERS

**WEST LINCOLN
MEMORIAL HOSPITAL**

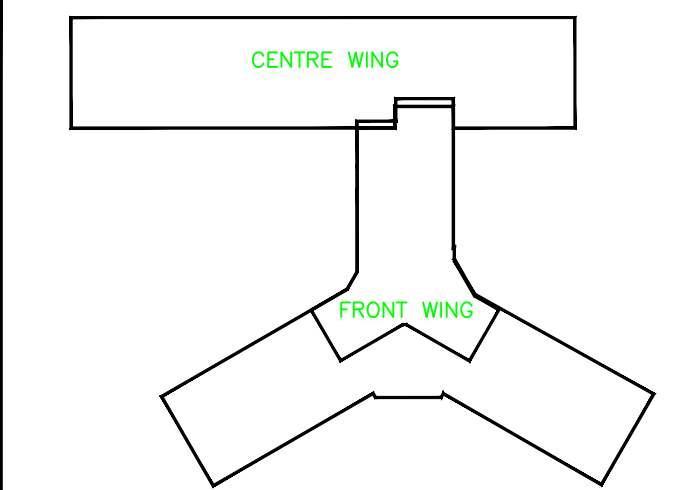


PROJECT:
**WEST LINCOLN MEMORIAL
HOSPITAL**

DRAWING:
**GROUND FLOOR
KITCHEN AREA WING
OTHER ACM**

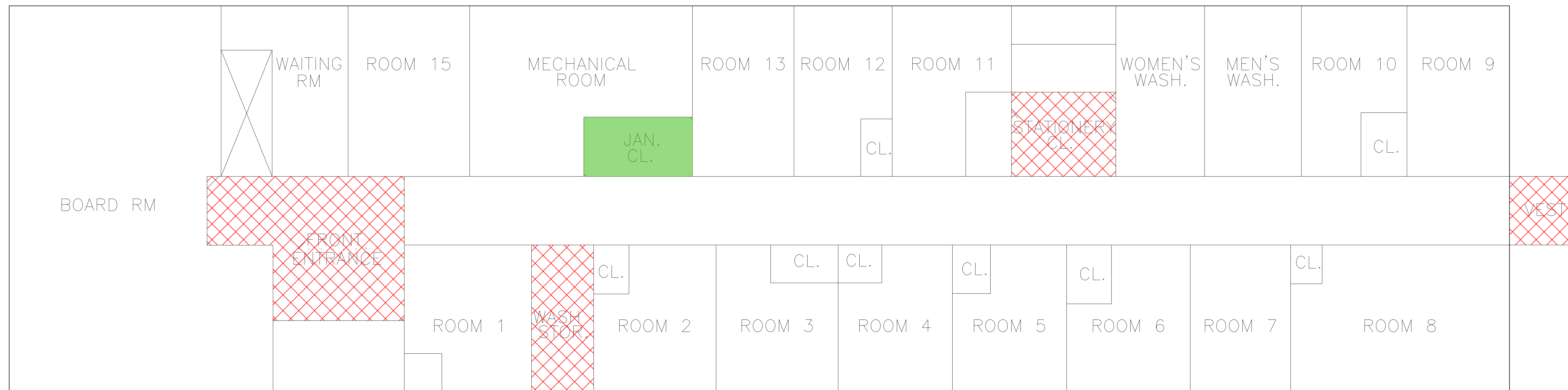
PLOT DATE: NOVEMBER 2018 SCALE: N.T.S. DRAWN BY: JORDAN BOULOS DRAWING NO.	DEPARTMENT: HAZARDOUS MATERIALS SUPERVISOR: MICHAEL MAORANA FILE NAME: 21720030 All Drawings WLM
--	--

AS-04d



KEY PLAN N.T.S.

NO.	DATE M/D/Y	REVISIONS	BY
1	1/10/2014	UPDATED	RM
2	4/6/2016	UPDATED BY ECOH	MM
3	6/15/2017	UPDATED BY ECOH	JK
4	11/5/2018	UPDATED BY PINCHIN LIMITED	JB



- LEGEND - FLOORS**
- ACM VINYL FLOOR TILES AND/OR MASTIC
 - ACM VINYL SHEET FLOORING AND/OR MASTIC
 - NO ACCESS TO ROOM/AREA
 - ACM ABATED AREAS AS PER HHS RECORDS

WEST LINCOLN MEMORIAL HOSPITAL

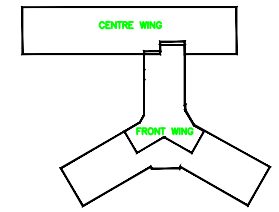
Hamilton Health Sciences
FACILITIES MANAGEMENT

PROJECT:
WEST LINCOLN MEMORIAL HOSPITAL

DRAWING:
ALEXANDER GLOBE CENTRE ACM ON FLOOR

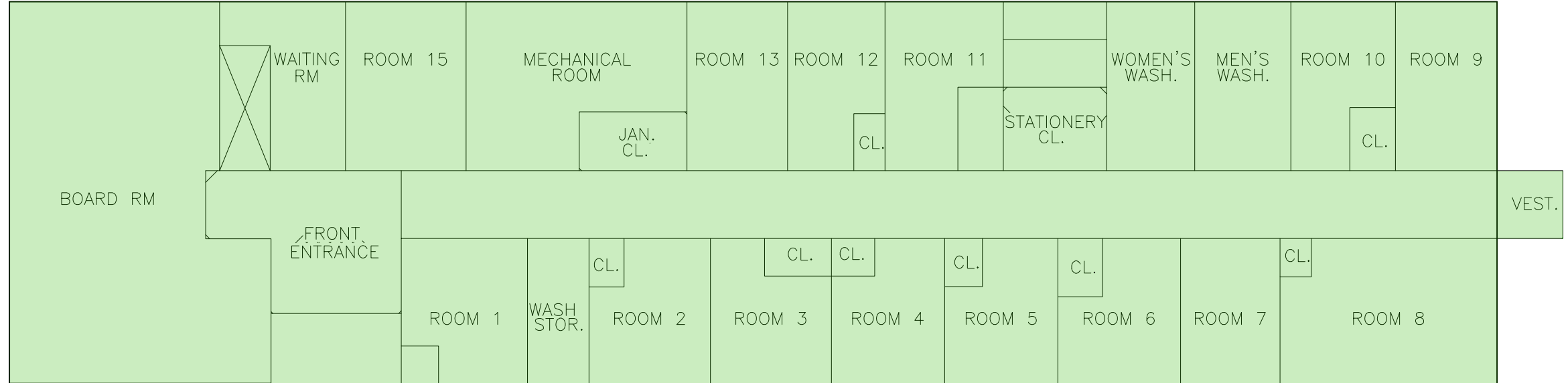
PLOT DATE: NOVEMBER 2018	DEPARTMENT: HAZARDOUS MATERIALS
SCALE: N.T.S.	SUPERVISOR: MICHAEL MAIORANA
DRAWN BY: JORDAN BOULOS	FILE NAME: 17420.030 All Drawings WLMH

DRAWING No. **AS-05a**



KEY PLAN N.T.S.

NO.	DATE M/D/Y	REVISIONS	BY
1	1/10/2014	UPDATED	RM
2	4/6/2016	UPDATED BY EDOH	MM
3	6/15/2017	UPDATED BY EDOH	JK
4	11/5/2018	UPDATED BY PINCHN LIMITED	JB



LEGEND - WALL
 [Green Box] NO ACM PRESENT

**WEST LINCOLN
 MEMORIAL HOSPITAL**

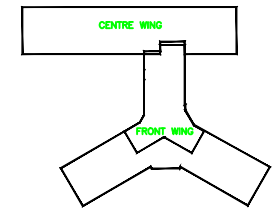


PROJECT:
 WEST LINCOLN MEMORIAL HOSPITAL

DRAWING:
**ALEXANDER
 GLOBE CENTRE
 ACM ON WALL**

PLOT DATE: NOVEMBER 2018	DEPARTMENT: HAZARDOUS MATERIALS
SCALE: N.T.S.	SUPERVISOR: MICHAEL MAORANA
DRAWN BY: JORDAN BOULOS	FILE NAME: 21782030 All Drawings
DRAWING NO.:	3114

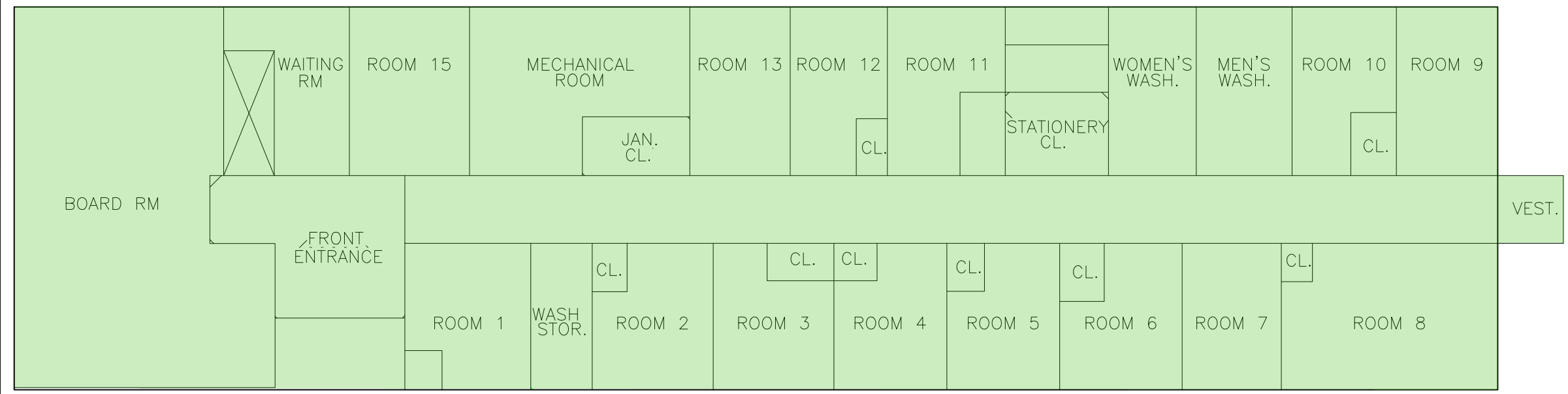
AS-05b



KEY PLAN N.T.S.

NO.	DATE M/D/Y	REVISIONS	BY
1	1/10/2014	UPDATED	RM
2	4/6/2016	UPDATED BY EDOH	MM
3	6/15/2017	UPDATED BY EDOH	JK
4	11/5/2018	UPDATED BY PINCHN LIMITED	JB

LEGEND -- CEILING
 NO ACM PRESENT



**WEST LINCOLN
MEMORIAL HOSPITAL**

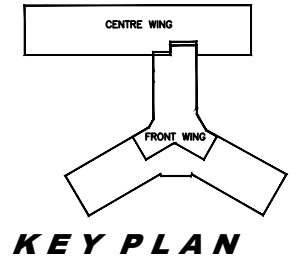


PROJECT:
WEST LINCOLN MEMORIAL
HOSPITAL

DRAWING:
**ALEXANDER
GLOBE CENTRE
ACM ON CEILING**

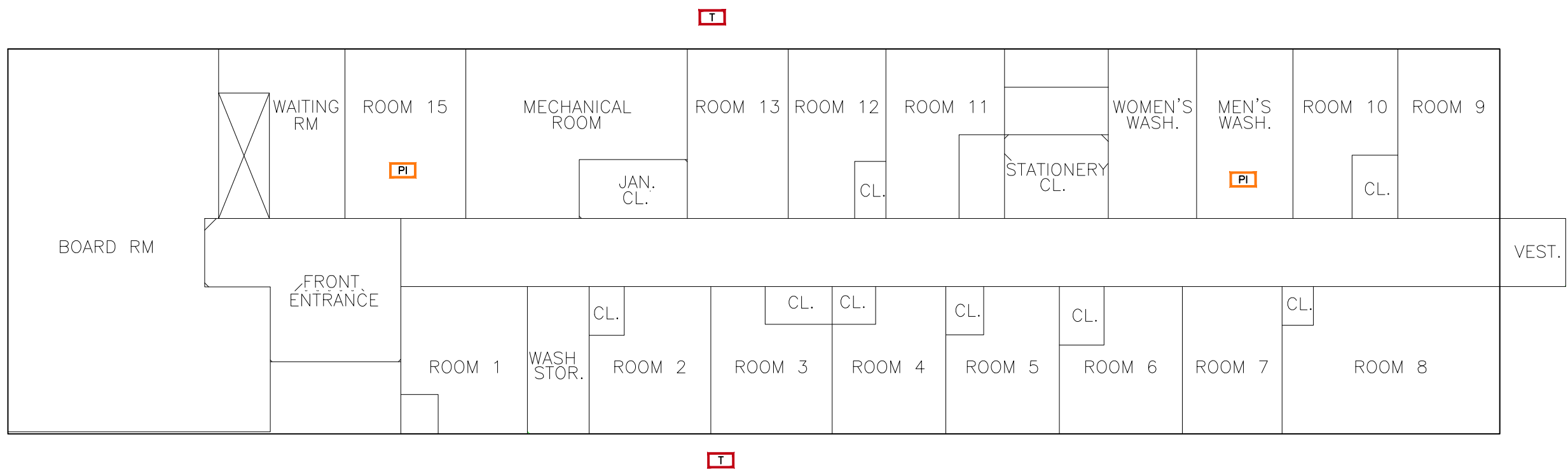
PLOT DATE: NOVEMBER 2018 SCALE: N.T.S. DRAWN BY: JORDAN BOULOS	DEPARTMENT: HAZARDOUS MATERIALS SUPERVISOR: MICHAEL MAORANA FILE NUMBER: 21782030 All Drawings WLMH
---	---

AS-05c



NO.	DATE M/D/Y	REVISIONS	BY
1	1/10/2014	UPDATED	RM
2	4/8/2016	UPDATED BY ECOH	NM
3	6/15/2017	UPDATED BY ECOH	JK
4	11/5/2018	UPDATED BY PINCHIN LIMITED	JB

LEGEND -- OTHER
 [PI] ACM PIPE INSULATION
 [T] TRANSITE BOARD



**WEST LINCOLN
MEMORIAL HOSPITAL**

**Hamilton
Health
Sciences**
FACILITIES MANAGEMENT

PROJECT:
WEST LINCOLN MEMORIAL HOSPITAL

DRAWING:
**ALEXANDER
GLOBE CENTRE
OTHER ACM**

PLOT DATE: NOVEMBER 2018 SCALE: N.T.S. DRAWN BY: JORDAN BOULOS DRAWING NO.	DEPARTMENT: HAZARDOUS MATERIALS SUPERVISOR: MICHAEL MANORANA FILE NAME: 217203030 All Drawings VLM
--	--

AS-05d

APPENDIX II
Asbestos Analytical Certificates



Mr. Geoff Wade
 West Lincoln Memorial Hospital
 169 Main St. E.
 Grimsby, Ontario
 L3M 1P3

Date : March 26, 1991
 File # : BLKMar26.RPT/JB91-020
 W.O.# : MLAB468-2/900505
 Project : R.M.N # 0214
 Fax # : 416-945-0504

Page 1

Re: Polarized Light Microscopy Results:

Lab Sample Number	Client Sample Number	Sample Location	ASBESTOS FIBRES			NON ASBESTOS FIBRES				Nonfibrous Material
			Chrysotile	Amosite	Other Asbestos Fibres	Cellulose	Mineral Wool	Fibrous Glass	Other Non-Asbestos Fibres	
91B0066	1	CSK Steam	70	---	---	20	---	---	5	5
Homogeneous	Grey Fibre, Ins.									
91B0067	2	CSR Pump Room	75	---	---	20	---	---	---	5
Homogeneous	Grey Fibre, Ins.									
91B0068	3	H.W.H. Outside CSR Elbow	65	---	---	20	---	---	---	15
Homogeneous	Grey Fibre, Ins.									
91B0069	4	Physio A/C Elbow	15	---	---	10	5	---	---	70
Homogeneous	Grey Fibre, Ins.									
91B0070	5	J.Mo', Back Of Office	75	---	---	5	---	---	---	25
Homogeneous	Grey Fibre, Ins.									
91B0071	6	Elevator Room Wall	15	---	---	5	60	---	---	20
Homogeneous	White Fibre, Ins.									
91B0072	7	Stores Entrance	---	---	---	85	---	---	---	15
2 Layers	Black Fibre, Ins.									

Suite 400, 180 Atwell Drive, Rexdale, Ontario, Canada M9W 6A9
 Telex: 08-88419 MONENCO TOR Fax: (416) 798-0130 Telephone: (416) 798-0111
 Suite 4, 160 Traders Boulevard, Mississauga, Ontario, Canada L4Z 3K7
 Fax: (416) 890-1141 Telephone: (416) 890-9995

002

WLMH GRIMSBY

MCL MISSISSAUGA

8901141

11:25

03/26/91



Mr. Geoff Wade
 West Lincoln Memorial Hospital
 169 Main St. E.
 Grimsby, Ontario
 L3M 1P3

Date : March 26, 1991
 File # : BLKMar26.RPT/JB91-020
 W.O.# : MLA8468-2/900505
 Project : R.M.N # 0214
 Fax # : 416-945-0504

Page 2

Re: Polarized Light Microscopy Results:

Lab Sample Number	Client Sample Number	Sample Location	ASBESTOS FIBRES			NON ASBESTOS FIBRES				Nonfibrous Material
			Chrysotile	Amosite	Other Asbestos Fibres	Cellulose	Mineral Wool	Fibrous Glass	Other Non-Asbestos Fibres	
91B0073 2 Layers	8 Grey Fibre, Ins.	Mechanical Rm. #1 Chilled Water Pipe	60	---	---	---	25	---	---	15
91B0074 Homogeneous	9 Grey Fibre, Ins.	Mechanical Rm. #3 Chilled Water pipe	55	---	---	---	10	---	---	35
91B0075 Homogeneous	10 Brown fibre, Ins.	Dirty Laundry Duct Work	---	---	---	30	65	---	---	5
91B0076 Homogeneous	11 Yellow fibre, Ins.	Laundry Duct Work	---	---	---	35	60	---	---	5
91B0077 2 Layers	12 Yellow Fibre, Ins.	X-Ray Bathroom	---	---	---	20	75	---	---	5
91B0078 2 Layers	13 Grey/Yellow Fibre Ins.	B Ward Stairwell	30	---	---	---	55	---	---	15
91B0079 Homogeneous	14 Tan Fibre, Ins.	ER Transformer Cabinet Insul.	---	30	---	---	---	---	---	70

- Suite 400, 180 Atwell Drive, Rexdale, Ontario, Canada M9W 6A9
 Tel: 06-95419 MONENCO TOR Fax: (416) 798-0130 Telephone: (416) 798-0111
- Suite 4, 160 Traders Boulevard, Mississauga, Ontario, Canada L4Z 3K7
 Fax: (416) 890-1141 Telephone: (416) 890-9995

003

WLMH GRIMSBY

MCL MISSISSAUGA

8901141

11:25

03/26/91



Mr. Geoff Wade
West Lincoln Memorial Hospital
169 Main St. E.
Grimsby, Ontario
L3M 1P3

Date : March 26, 1991
File # : BLKMar26.RPT/JB91-020
W.O.# : MLA8468-2/900505
Project : R.M.N # 0214
Fax # : 416-945-0504

Page 3

Re: Polarized Light Microscopy Results:

Re: Polarized Light Microscopy Results:

Bulk samples were analyzed using polarized light microscopy and dispersion staining techniques. The analytical procedures are in accordance with NIOSH Method 9002.

The % composition of the asbestos forms and other materials identified are the subjective visual judgement of the analyst based on specialized training, experience and comparison to standard area projections. The limit of detection is >1% asbestos and the sample range is from 1 to 100% asbestos. Due to the subjectivity of the Method, the quoted % of asbestos detected is an estimate and no responsibility is assumed for the manner in which the results are used or interpreted.

Separate components (eg. layers) are described separately and are combined in proportion to their abundance with a single analysis provided for the sample.

Analyst *Alfred Smith*

Authorized Signature *Debra Kersting-Nelson*
for Charles Day
Manager, Monenco Laboratory

- Suite 400, 180 Athwell Drive, Rexdale, Ontario, Canada M9W 6A9
Telex: 06-98419 MONENCO TOR Fax: (416) 798-0130 Telephone: (416) 798-0111
- Suite 4, 160 Tradena Boulevard, Mississauga, Ontario, Canada L4Z 3K7
Fax: (416) 890-1141 Telephone: (416) 890-9995

004

WLMH GRIMSBY

MCL MISSISSAUGA

8901141

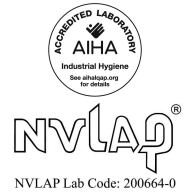
11:26

03/26/91



Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and 600/M4-82-020



Customer: Pinchin Environmental Ltd
11-875 Main St West
Hamilton Ontario L8S 4R9

Attn: Michael Maiorana
David Niemand

Lab Order ID: 1407247

Analysis ID: 1407247_PLM

Date Received: 4/24/2014

Date Reported: 4/29/2014

Project: 81399.004, Hamilton Health Sciences,
West Lincoln Memorial

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
0001A	Texture plaster-ceiling, Storage Room, Basement (1948)	None Detected		90% Other 10% Perlite	White Non Fibrous Heterogeneous
1407247PLM_1	single layer plaster				Crushed
0001B	Texture plaster-ceiling, Electrical Room, Basement (1948)	None Detected		90% Other 10% Perlite	White Non Fibrous Heterogeneous
1407247PLM_2	single layer plaster				Crushed
0001C	Texture plaster-ceiling, Janitor's Room, Basement (1948)	None Detected		90% Other 10% Perlite	White Non Fibrous Heterogeneous
1407247PLM_3	single layer plaster				Crushed
0001D	Texture plaster-ceiling, Laundry Room, Basement (1948)	None Detected		90% Other 10% Perlite	White Non Fibrous Heterogeneous
1407247PLM_4	single layer plaster				Crushed
0001E - A	Texture plaster-ceiling, Storage Closet, Basement (1948)	None Detected		90% Other 10% Quartz	White Non Fibrous Heterogeneous
1407247PLM_5	textured finish				Crushed
0001E - B	Texture plaster-ceiling, Storage Closet, Basement (1948)	None Detected	3% Cellulose	87% Other 10% Quartz	Gray Non Fibrous Heterogeneous
1407247PLM_225	base				Crushed
0001F	Texture plaster-ceiling, Storage and Server Room, Basement (1948)	None Detected		90% Other 10% Perlite	White Non Fibrous Heterogeneous
1407247PLM_6	single layer plaster				Crushed
0001G - A	Texture plaster-ceiling, Loading Area, Basement (1948)	None Detected		90% Other 10% Quartz	White Non Fibrous Heterogeneous
1407247PLM_7	textured finish				Crushed

Disclaimer: Due to the nature of the EPA 600 method, asbestos may not be detected in samples containing low levels of asbestos. We strongly recommend that analysis of floor tiles, vermiculite, and/or heterogeneous soil samples be conducted by TEM for confirmation of "None Detected" by PLM. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAI. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government. Estimated MDL is 1.0%.

Ired Gulley (305)

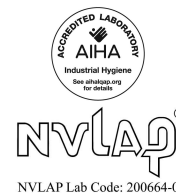
Analyst

Approved Signatory



Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and 600/M4-82-020



Customer: Pinchin Environmental Ltd
11-875 Main St West
Hamilton Ontario L8S 4R9

Attn: Michael Maiorana
David Niemand

Lab Order ID: 1407247

Analysis ID: 1407247_PLM

Date Received: 4/24/2014

Date Reported: 4/29/2014

Project: 81399.004, Hamilton Health Sciences,
West Lincoln Memorial

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
0001G - B	Texture plaster-ceiling, Loading Area, Basement (1948)	None Detected	3% Cellulose	87% Other 10% Quartz	Gray Non Fibrous Heterogeneous
1407247PLM_226	base				Crushed
0002A	Drywall joint compound-wall, Storage Room, Basement (1948)	None Detected		100% Other	White Non Fibrous Heterogeneous
1407247PLM_8					Teased
0002B	Drywall joint compound-bulkhead, Room #5, Basement (1948)	None Detected		100% Other	White Non Fibrous Heterogeneous
1407247PLM_9					Teased
0002C	Drywall joint compound-wall, Electrical Room, Basement (1948)	None Detected		100% Other	White Non Fibrous Heterogeneous
1407247PLM_10					Teased
0003A	White finish coat over drywall -wall, Janitor Room, Basement (1948)	None Detected		100% Other	White Non Fibrous Heterogeneous
1407247PLM_11					Teased
0003B	White finish coat over drywall -wall, Janitor Room, Basement (1948)	None Detected		100% Other	White Non Fibrous Heterogeneous
1407247PLM_12					Teased
0003C	White finish coat over drywall -wall, Janitor Room, Basement (1948)	None Detected		100% Other	White Non Fibrous Heterogeneous
1407247PLM_13					Teased
0004A - A	Smooth plaster-wall, Laundry Room, Basement (1948)	None Detected		100% Other	White Non Fibrous Heterogeneous
1407247PLM_14	finish				Teased

Disclaimer: Due to the nature of the EPA 600 method, asbestos may not be detected in samples containing low levels of asbestos. We strongly recommended that analysis of floor tiles, vermiculite, and/or heterogeneous soil samples be conducted by TEM for confirmation of "None Detected" by PLM. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAI. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government. Estimated MDL is 1.0%.

Ired Gulley (305)

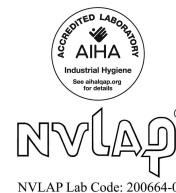
Analyst

Approved Signatory



Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and 600/M4-82-020



Customer: Pinchin Environmental Ltd
11-875 Main St West
Hamilton Ontario L8S 4R9

Attn: Michael Maiorana
David Niemand

Lab Order ID: 1407247

Analysis ID: 1407247_PLM

Date Received: 4/24/2014

Date Reported: 4/29/2014

Project: 81399.004, Hamilton Health Sciences,
West Lincoln Memorial

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
0004A - B	Smooth plaster-wall, Laundry Room, Basement (1948)	None Detected		90% Other 10% Perlite	Gray Non Fibrous Heterogeneous
1407247PLM_227	base - small sample				Crushed
0004B - A	Smooth plaster-ceiling, Office #5, Basement (1948)	None Detected		100% Other	White Non Fibrous Heterogeneous
1407247PLM_15	finish				Crushed
0004B - B	Smooth plaster-ceiling, Office #5, Basement (1948)	None Detected		90% Other 10% Quartz	Gray Non Fibrous Heterogeneous
1407247PLM_228	base				Crushed
0004C	Smooth plaster-wall, Locker Room, Basement (1948)	None Detected		100% Other	White Non Fibrous Heterogeneous
1407247PLM_16	single layer plaster				Crushed
0004D - A	Smooth plaster-ceiling, Centre corridor, First floor (1948)	None Detected		100% Other	White Non Fibrous Heterogeneous
1407247PLM_17	finish				Crushed
0004D - B	Smooth plaster-ceiling, Centre corridor, First floor (1948)	None Detected		90% Other 10% Quartz	Gray Non Fibrous Heterogeneous
1407247PLM_229	base				Crushed
0004E	Smooth plaster-wall, South corridor, First floor (1948)	None Detected		95% Other 5% Quartz	White Non Fibrous Heterogeneous
1407247PLM_18	unable to separate layers				Crushed
0004F - A	Smooth plaster-wall, Corridor, Second floor (1948)	None Detected		100% Other	White Non Fibrous Heterogeneous
1407247PLM_19	finish				Crushed

Disclaimer: Due to the nature of the EPA 600 method, asbestos may not be detected in samples containing low levels of asbestos. We strongly recommend that analysis of floor tiles, vermiculite, and/or heterogeneous soil samples be conducted by TEM for confirmation of "None Detected" by PLM. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAI. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government. Estimated MDL is 1.0%.

Ired Gulley (305)

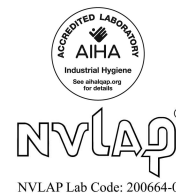
Analyst

Approved Signatory



Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and 600/M4-82-020



Customer: Pinchin Environmental Ltd
11-875 Main St West
Hamilton Ontario L8S 4R9

Attn: Michael Maiorana
David Niemand

Lab Order ID: 1407247

Analysis ID: 1407247_PLM

Date Received: 4/24/2014

Date Reported: 4/29/2014

Project: 81399.004, Hamilton Health Sciences,
West Lincoln Memorial

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
0004F - B	Smooth plaster-wall, Corridor, Second floor (1948)	None Detected		90% Other 10% Quartz	Gray Non Fibrous Heterogeneous
1407247PLM_230	base				Crushed
0004G - A	Smooth plaster-wall, Corridor, Second floor (1948)	None Detected		100% Other	White Non Fibrous Heterogeneous
1407247PLM_20	finish				Crushed
0004G - B	Smooth plaster-wall, Corridor, Second floor (1948)	None Detected		90% Other 10% Quartz	Gray Non Fibrous Heterogeneous
1407247PLM_231	base				Crushed
0005A - A	Sweatwrap on drain pipe, Laundry Room, Basement (1948)	None Detected	95% Cellulose	5% Other	Brown Fibrous Heterogeneous
1407247PLM_21	brown layer				Teased
0005A - B	Sweatwrap on drain pipe, Laundry Room, Basement (1948)	None Detected	60% Cellulose	40% Other	Black Fibrous Heterogeneous
1407247PLM_232	black layer				Teased
0005B - A	Sweatwrap on drain pipe, Laundry Room, Basement (1948)	None Detected	95% Cellulose	5% Other	Brown Fibrous Heterogeneous
1407247PLM_22	brown layer				Teased
0005B - B	Sweatwrap on drain pipe, Laundry Room, Basement (1948)	None Detected	60% Cellulose	40% Other	Black Fibrous Heterogeneous
1407247PLM_233	black layer				Teased, Dissolved
0005C - A	Sweatwrap on drain pipe, Laundry Room, Basement (1948)	None Detected	95% Cellulose	5% Other	Brown Fibrous Heterogeneous
1407247PLM_23	brown layer				Teased

Disclaimer: Due to the nature of the EPA 600 method, asbestos may not be detected in samples containing low levels of asbestos. We strongly recommended that analysis of floor tiles, vermiculite, and/or heterogeneous soil samples be conducted by TEM for confirmation of "None Detected" by PLM. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAI. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government. Estimated MDL is 1.0%.

Ired Gulley (305)

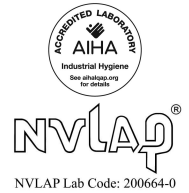
Analyst

Approved Signatory



Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and 600/M4-82-020



Customer: Pinchin Environmental Ltd
11-875 Main St West
Hamilton Ontario L8S 4R9

Attn: Michael Maiorana
David Niemand

Lab Order ID: 1407247

Analysis ID: 1407247_PLM

Date Received: 4/24/2014

Date Reported: 4/29/2014

Project: 81399.004, Hamilton Health Sciences,
West Lincoln Memorial

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
0005C - B	Sweatwrap on drain pipe, Laundry Room, Basement (1948)	None Detected	60% Cellulose	40% Other	Black Fibrous Heterogeneous
1407247PLM_234	black layer				Teased, Dissolved
0006A - A	Vinyl floor tile, 12" x 12", Dark green with white streaks, Office #1, Basement (1948) -	3% Chrysotile		97% Other	Green Non Fibrous Heterogeneous
1407247PLM_24	tile				Dissolved
0006A - B	Vinyl floor tile, 12" x 12", Dark green with white streaks, Office #1, Basement (1948) -	None Detected	3% Cellulose	97% Other	Black Non Fibrous Heterogeneous
1407247PLM_235	mastic				Dissolved
0006B - A	Vinyl floor tile, 12" x 12", Dark green with white streaks, Office #1, Basement (1948) -	Not Analyzed			
1407247PLM_25	tile				
0006B - B	Vinyl floor tile, 12" x 12", Dark green with white streaks, Office #1, Basement (1948) -	None Detected	3% Cellulose	97% Other	Black Non Fibrous Heterogeneous
1407247PLM_236	mastic				Dissolved
0006C - A	Vinyl floor tile, 12" x 12", Dark green with white streaks, Office #1, Basement (1948) -	Not Analyzed			
1407247PLM_26	tile				
0006C - B	Vinyl floor tile, 12" x 12", Dark green with white streaks, Office #1, Basement (1948) -	None Detected	3% Cellulose	97% Other	Black Non Fibrous Heterogeneous
1407247PLM_237	mastic				Dissolved
0007A	Vinyl floor tile, 12" x 12", Yellow with white streaks, Office #1, Basement (1948) - O	3% Chrysotile		97% Other	Yellow Non Fibrous Heterogeneous
1407247PLM_27					Dissolved

Disclaimer: Due to the nature of the EPA 600 method, asbestos may not be detected in samples containing low levels of asbestos. We strongly recommend that analysis of floor tiles, vermiculite, and/or heterogeneous soil samples be conducted by TEM for confirmation of "None Detected" by PLM. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAI. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government. Estimated MDL is 1.0%.

Ired Gulley (305)

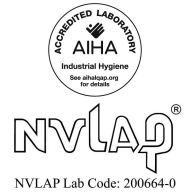
Analyst

Approved Signatory



Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and 600/M4-82-020



Customer: Pinchin Environmental Ltd
11-875 Main St West
Hamilton Ontario L8S 4R9

Attn: Michael Maiorana
David Niemand

Lab Order ID: 1407247

Analysis ID: 1407247_PLM

Date Received: 4/24/2014

Date Reported: 4/29/2014

Project: 81399.004, Hamilton Health Sciences,
West Lincoln Memorial

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
0007B	Vinyl floor tile, 12" x 12", Yellow with white streaks, Office #1, Basement (1948) - O	Not Analyzed			
1407247PLM_28					
0007C	Vinyl floor tile, 12" x 12", Yellow with white streaks, Office #1, Basement (1948) - O	Not Analyzed			
1407247PLM_29					
0008A - A	Texture plaster-wall, Office #2, Basement (1948)	None Detected		90% Other 10% Quartz	White Non Fibrous Heterogeneous
1407247PLM_30	finish				Crushed
0008A - B	Texture plaster-wall, Office #2, Basement (1948)	None Detected		80% Other 20% Quartz	Gray Non Fibrous Heterogeneous
1407247PLM_238	base				Crushed
0008B - A	Texture plaster-wall, Office #3, Basement (1948)	None Detected		90% Other 10% Quartz	White Non Fibrous Heterogeneous
1407247PLM_31	finish				Crushed
0008B - B	Texture plaster-wall, Office #3, Basement (1948)	None Detected		80% Other 20% Quartz	Gray Non Fibrous Heterogeneous
1407247PLM_239	base				Crushed
0008C - A	Texture plaster-wall, Storage Closet, Basement (1948)	None Detected		90% Other 10% Quartz	White Non Fibrous Heterogeneous
1407247PLM_32	finish				Crushed
0008C - B	Texture plaster-wall, Storage Closet, Basement (1948)	None Detected		80% Other 20% Quartz	Gray Non Fibrous Heterogeneous
1407247PLM_240	base				Crushed

Disclaimer: Due to the nature of the EPA 600 method, asbestos may not be detected in samples containing low levels of asbestos. We strongly recommend that analysis of floor tiles, vermiculite, and/or heterogeneous soil samples be conducted by TEM for confirmation of "None Detected" by PLM. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAI. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government. Estimated MDL is 1.0%.

Ired Gulley (305)

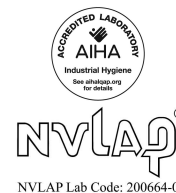
Analyst

Approved Signatory



Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and 600/M4-82-020



Customer: Pinchin Environmental Ltd
11-875 Main St West
Hamilton Ontario L8S 4R9

Attn: Michael Maiorana
David Niemand

Lab Order ID: 1407247

Analysis ID: 1407247_PLM

Date Received: 4/24/2014

Date Reported: 4/29/2014

Project: 81399.004, Hamilton Health Sciences,
West Lincoln Memorial

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
0008D - A	Texture plaster-wall, Project Manager's Office, Basement (1948)	None Detected		90% Other 10% Quartz	White Non Fibrous Heterogeneous
1407247PLM_33	finish				Crushed
0008D - B	Texture plaster-wall, Project Manager's Office, Basement (1948)	None Detected		80% Other 20% Quartz	Gray Non Fibrous Heterogeneous
1407247PLM_241	base				Crushed
0008E - A	Texture plaster-wall, Office #8, Basement (1948)	None Detected		100% Other	White Non Fibrous Heterogeneous
1407247PLM_34	finish				Crushed
0008E - B	Texture plaster-wall, Office #8, Basement (1948)	None Detected		90% Other 10% Perlite	Gray Non Fibrous Heterogeneous
1407247PLM_242	base				Crushed
0009A	Acoustic ceiling tile, lay-in, 24" x 48", Pinhole pattern and large widthwise fissure pattern	None Detected	40% Cellulose 40% Fiber Glass	10% Perlite 10% Other	White Fibrous Heterogeneous
1407247PLM_35					Teased
0009B	Acoustic ceiling tile, lay-in, 24" x 48", Pinhole pattern and large widthwise fissure pattern	None Detected	40% Cellulose 40% Fiber Glass	10% Perlite 10% Other	White Fibrous Heterogeneous
1407247PLM_36					Teased
0009C	Acoustic ceiling tile, lay-in, 24" x 48", Pinhole pattern and large widthwise fissure pattern	None Detected	40% Cellulose 40% Fiber Glass	10% Perlite 10% Other	White Fibrous Heterogeneous
1407247PLM_37					Teased
0010A	Drywall joint compound-wall, Maintenance shop, Basement (1948)	None Detected		100% Other	White Non Fibrous Heterogeneous
1407247PLM_38					Teased

Disclaimer: Due to the nature of the EPA 600 method, asbestos may not be detected in samples containing low levels of asbestos. We strongly recommend that analysis of floor tiles, vermiculite, and/or heterogeneous soil samples be conducted by TEM for confirmation of "None Detected" by PLM. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAI. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government. Estimated MDL is 1.0%.

Ired Gulley (305)

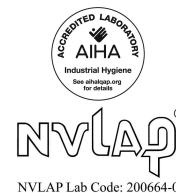
Analyst

Approved Signatory



Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and 600/M4-82-020



Customer: Pinchin Environmental Ltd
11-875 Main St West
Hamilton Ontario L8S 4R9

Attn: Michael Maiorana
David Niemand

Lab Order ID: 1407247

Analysis ID: 1407247_PLM

Date Received: 4/24/2014

Date Reported: 4/29/2014

Project: 81399.004, Hamilton Health Sciences,
West Lincoln Memorial

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
0010B	Drywall joint compound-wall, Maintenance shop, Basement (1948)	None Detected		100% Other	White Non Fibrous Heterogeneous
1407247PLM_39					Teased
0010C	Drywall joint compound-wall, Maintenance shop, Basement (1948)	None Detected		100% Other	White Non Fibrous Heterogeneous
1407247PLM_40					Teased
0011A	SAMPLE NUMBER NOT USED	Not Submitted			
1407247PLM_41					
0011B	SAMPLE NUMBER NOT USED	Not Submitted			
1407247PLM_42					
0011C	SAMPLE NUMBER NOT USED	Not Submitted			
1407247PLM_43					
0012A	Compound on concrete board wall, Surgery Tool Disinfection room, Basement (None Detected		100% Other	White Non Fibrous Heterogeneous
1407247PLM_44					Teased
0012B	Compound on concrete board wall, Surgery Tool Disinfection room, Basement (None Detected		100% Other	White Non Fibrous Heterogeneous
1407247PLM_45					Teased
0012C	Compound on concrete board wall, Surgery Tool Disinfection room, Basement (None Detected		100% Other	White Non Fibrous Heterogeneous
1407247PLM_46					Teased

Disclaimer: Due to the nature of the EPA 600 method, asbestos may not be detected in samples containing low levels of asbestos. We strongly recommended that analysis of floor tiles, vermiculite, and/or heterogeneous soil samples be conducted by TEM for confirmation of "None Detected" by PLM. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAI. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government. Estimated MDL is 1.0%.

Ired Gulley (305)

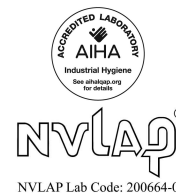
Analyst

Approved Signatory



Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and 600/M4-82-020



Customer: Pinchin Environmental Ltd
11-875 Main St West
Hamilton Ontario L8S 4R9

Attn: Michael Maiorana
David Niemand

Lab Order ID: 1407247

Analysis ID: 1407247_PLM

Date Received: 4/24/2014

Date Reported: 4/29/2014

Project: 81399.004, Hamilton Health Sciences,
West Lincoln Memorial

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
0013A - A	Vinyl floor tile, 9" x 9", Green with white streaks, Locker Room, Basement (1948) - ON	3% Chrysotile		97% Other	Green Non Fibrous Heterogeneous
1407247PLM_47	tile				Dissolved
0013A - B	Vinyl floor tile, 9" x 9", Green with white streaks, Locker Room, Basement (1948) - ON	None Detected	3% Cellulose	97% Other	Black Non Fibrous Heterogeneous
1407247PLM_243	mastic				Dissolved
0013B - A	Vinyl floor tile, 9" x 9", Green with white streaks, Locker Room, Basement (1948) - ON	Not Analyzed			
1407247PLM_48	tile				
0013B - B	Vinyl floor tile, 9" x 9", Green with white streaks, Locker Room, Basement (1948) - ON	Not Analyzed			
1407247PLM_244	mastic				
0013C - A	Vinyl floor tile, 9" x 9", Green with white streaks, Locker Room, Basement (1948) - ON	Not Analyzed			
1407247PLM_49	tile				
0013C - B	Vinyl floor tile, 9" x 9", Green with white streaks, Locker Room, Basement (1948) - ON	Not Analyzed			
1407247PLM_245	mastic				
0014A	Brown fibrous insulation, File storage, Basement (1948)	None Detected	97% Cellulose	3% Other	Brown Fibrous Heterogeneous
1407247PLM_50					Teased
0014B	Brown fibrous insulation, File storage, Basement (1948)	None Detected	97% Cellulose	3% Other	Brown Fibrous Heterogeneous
1407247PLM_51					Teased

Disclaimer: Due to the nature of the EPA 600 method, asbestos may not be detected in samples containing low levels of asbestos. We strongly recommend that analysis of floor tiles, vermiculite, and/or heterogeneous soil samples be conducted by TEM for confirmation of "None Detected" by PLM. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAI. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government. Estimated MDL is 1.0%.

Ired Gulley (305)

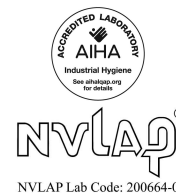
Analyst

Approved Signatory



Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and 600/M4-82-020



Customer: Pinchin Environmental Ltd
11-875 Main St West
Hamilton Ontario L8S 4R9

Attn: Michael Maiorana
David Niemand

Lab Order ID: 1407247

Analysis ID: 1407247_PLM

Date Received: 4/24/2014

Date Reported: 4/29/2014

Project: 81399.004, Hamilton Health Sciences,
West Lincoln Memorial

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
0014C	Brown fibrous insulation, File storage, Basement (1948)	None Detected	97% Cellulose	3% Other	Brown Fibrous Heterogeneous
1407247PLM_52					Teased
0015A	Acoustic ceiling tile, lay-in, 24" x 48", Pinhole pattern and thin widthwise fissure pattern,	None Detected	40% Cellulose 40% Fiber Glass	10% Perlite 10% Other	White Fibrous Heterogeneous
1407247PLM_53					Teased
0015B	Acoustic ceiling tile, lay-in, 24" x 48", Pinhole pattern and thin widthwise fissure pattern,	None Detected	40% Cellulose 40% Fiber Glass	10% Perlite 10% Other	White Fibrous Heterogeneous
1407247PLM_54					Teased
0015C	Acoustic ceiling tile, lay-in, 24" x 48", Pinhole pattern and thin widthwise fissure pattern,	None Detected	40% Cellulose 40% Fiber Glass	10% Perlite 10% Other	White Fibrous Heterogeneous
1407247PLM_55					Teased
0016A	Acoustic ceiling tile, lay-in, 24" x 24", Pinhole pattern and thin widthwise fissure pattern,	None Detected	40% Cellulose 40% Fiber Glass	10% Perlite 10% Other	White Fibrous Heterogeneous
1407247PLM_56					Teased
0016B	Acoustic ceiling tile, lay-in, 24" x 24", Pinhole pattern and thin widthwise fissure pattern,	None Detected	40% Cellulose 40% Fiber Glass	10% Perlite 10% Other	White Fibrous Heterogeneous
1407247PLM_57					Teased
0016C	Acoustic ceiling tile, lay-in, 24" x 24", Pinhole pattern and thin widthwise fissure pattern,	None Detected	40% Cellulose 40% Fiber Glass	10% Perlite 10% Other	White Fibrous Heterogeneous
1407247PLM_58					Teased
0017A - A	Sweatwrap on drain pipe, Mechanical Room, Basement (1960)	None Detected	97% Cellulose	3% Other	Brown Fibrous Heterogeneous
1407247PLM_59	brown layer				Teased

Disclaimer: Due to the nature of the EPA 600 method, asbestos may not be detected in samples containing low levels of asbestos. We strongly recommend that analysis of floor tiles, vermiculite, and/or heterogeneous soil samples be conducted by TEM for confirmation of "None Detected" by PLM. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAI. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government. Estimated MDL is 1.0%.

Ired Gulley (305)

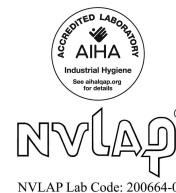
Analyst

Approved Signatory



Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and 600/M4-82-020



Customer: Pinchin Environmental Ltd
11-875 Main St West
Hamilton Ontario L8S 4R9

Attn: Michael Maiorana
David Niemand

Lab Order ID: 1407247

Analysis ID: 1407247_PLM

Date Received: 4/24/2014

Date Reported: 4/29/2014

Project: 81399.004, Hamilton Health Sciences,
West Lincoln Memorial

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
0017A - B	Sweatwrap on drain pipe, Mechanical Room, Basement (1960)	None Detected	80% Cellulose	20% Other	Black Fibrous Heterogeneous
1407247PLM_246	black layer				Teased
0017B - A	Sweatwrap on drain pipe, Mechanical Room, Basement (1960)	None Detected	97% Cellulose	3% Other	Brown Fibrous Heterogeneous
1407247PLM_60	brown layer				Teased
0017B - B	Sweatwrap on drain pipe, Mechanical Room, Basement (1960)	None Detected	80% Cellulose	20% Other	Black Fibrous Heterogeneous
1407247PLM_247	black layer				Teased
0017C - A	Sweatwrap on drain pipe, Mechanical Room, Basement (1960)	None Detected	97% Cellulose	3% Other	Brown Fibrous Heterogeneous
1407247PLM_61	brown layer				Teased
0017C - B	Sweatwrap on drain pipe, Mechanical Room, Basement (1960)	None Detected	80% Cellulose	20% Other	Black Fibrous Heterogeneous
1407247PLM_248	black layer				Teased
0018A	Texture plaster-beam, Mechanical Room, Basement (1960)	None Detected		90% Other 10% Perlite	Gray, White Non Fibrous Heterogeneous
1407247PLM_62					Crushed
0018B	Texture plaster-beam, Mechanical Room, Basement (1960)	None Detected		90% Other 10% Perlite	Gray, White Non Fibrous Heterogeneous
1407247PLM_63					Crushed
0018C	Texture plaster-beam, Mechanical Room, Basement (1960)	None Detected		90% Other 10% Perlite	Gray, White Non Fibrous Heterogeneous
1407247PLM_64					Crushed

Disclaimer: Due to the nature of the EPA 600 method, asbestos may not be detected in samples containing low levels of asbestos. We strongly recommend that analysis of floor tiles, vermiculite, and/or heterogeneous soil samples be conducted by TEM for confirmation of "None Detected" by PLM. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAI. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government. Estimated MDL is 1.0%.

Ired Gulley (305)

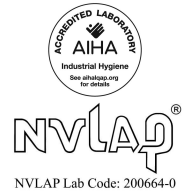
Analyst

Approved Signatory



Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and 600/M4-82-020



Customer: Pinchin Environmental Ltd
11-875 Main St West
Hamilton Ontario L8S 4R9

Attn: Michael Maiorana
David Niemand

Lab Order ID: 1407247

Analysis ID: 1407247_PLM

Date Received: 4/24/2014

Date Reported: 4/29/2014

Project: 81399.004, Hamilton Health Sciences,
West Lincoln Memorial

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
0019A - A	Vinyl floor tile, 9" x 9", Beige with grey streaks, File Storage, Basement (1960) - O	3% Chrysotile		97% Other	Beige Non Fibrous Heterogeneous
1407247PLM_65	tile				Dissolved
0019A - B	Vinyl floor tile, 9" x 9", Beige with grey streaks, File Storage, Basement (1960) - O	5% Chrysotile		95% Other	Black Non Fibrous Heterogeneous
1407247PLM_249	mastic				Dissolved
0019B - A	Vinyl floor tile, 9" x 9", Beige with grey streaks, File Storage, Basement (1960) - O	Not Analyzed			
1407247PLM_66	tile				
0019B - B	Vinyl floor tile, 9" x 9", Beige with grey streaks, File Storage, Basement (1960) - O	Not Analyzed			
1407247PLM_250	mastic				
0019C - A	Vinyl floor tile, 9" x 9", Beige with grey streaks, File Storage, Basement (1960) - O	Not Analyzed			
1407247PLM_67	tile				
0019C - B	Vinyl floor tile, 9" x 9", Beige with grey streaks, File Storage, Basement (1960) - O	Not Analyzed			
1407247PLM_251	mastic				
0020A - A	Smooth plaster-ceiling, Basement, File Room (1960)	None Detected		100% Other	White Non Fibrous Heterogeneous
1407247PLM_68	finish				Crushed
0020A - B	Smooth plaster-ceiling, Basement, File Room (1960)	None Detected		90% Other 10% Quartz	Gray Non Fibrous Heterogeneous
1407247PLM_252	base				Crushed

Disclaimer: Due to the nature of the EPA 600 method, asbestos may not be detected in samples containing low levels of asbestos. We strongly recommend that analysis of floor tiles, vermiculite, and/or heterogeneous soil samples be conducted by TEM for confirmation of "None Detected" by PLM. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAI. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government. Estimated MDL is 1.0%.

Ired Gulley (305)

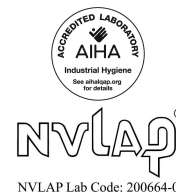
Analyst

Approved Signatory



Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and 600/M4-82-020



Customer: Pinchin Environmental Ltd
11-875 Main St West
Hamilton Ontario L8S 4R9

Attn: Michael Maiorana
David Niemand

Lab Order ID: 1407247

Analysis ID: 1407247_PLM

Date Received: 4/24/2014

Date Reported: 4/29/2014

Project: 81399.004, Hamilton Health Sciences,
West Lincoln Memorial

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
0020B - A	Smooth plaster-ceiling, Basement, Medical file Room (1960)	None Detected		100% Other	White Non Fibrous Heterogeneous
1407247PLM_69	finish				Crushed
0020B - B	Smooth plaster-ceiling, Basement, Medical file Room (1960)	None Detected		90% Other 10% Quartz	Gray Non Fibrous Heterogeneous
1407247PLM_253	base				Crushed
0020C - A	Smooth plaster-ceiling, Basement, Accounting Department (1960)	None Detected		100% Other	White Non Fibrous Heterogeneous
1407247PLM_70	finish				Crushed
0020C - B	Smooth plaster-ceiling, Basement, Accounting Department (1960)	None Detected		90% Other 10% Quartz	White Non Fibrous Heterogeneous
1407247PLM_254	base				Crushed
0020D - A	Smooth plaster-ceiling, First floor, Dressing Room (1960)	None Detected		100% Other	White Non Fibrous Heterogeneous
1407247PLM_71	finish				Crushed
0020D - B	Smooth plaster-ceiling, First floor, Dressing Room (1960)	None Detected		90% Other 10% Quartz	Gray Non Fibrous Heterogeneous
1407247PLM_255	base				Crushed
0020E - A	Smooth plaster-wall, First floor, Staff Washroom (1960)	None Detected		100% Other	White Non Fibrous Heterogeneous
1407247PLM_72	finish				Crushed
0020E - B	Smooth plaster-wall, First floor, Staff Washroom (1960)	None Detected		90% Other 10% Quartz	Gray Non Fibrous Heterogeneous
1407247PLM_256	base				Crushed

Disclaimer: Due to the nature of the EPA 600 method, asbestos may not be detected in samples containing low levels of asbestos. We strongly recommend that analysis of floor tiles, vermiculite, and/or heterogeneous soil samples be conducted by TEM for confirmation of "None Detected" by PLM. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAI. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government. Estimated MDL is 1.0%.

Ired Gulley (305)

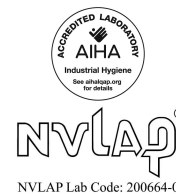
Analyst

Approved Signatory



Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and 600/M4-82-020



Customer: Pinchin Environmental Ltd
11-875 Main St West
Hamilton Ontario L8S 4R9

Attn: Michael Maiorana
David Niemand

Lab Order ID: 1407247

Analysis ID: 1407247_PLM

Date Received: 4/24/2014

Date Reported: 4/29/2014

Project: 81399.004, Hamilton Health Sciences,
West Lincoln Memorial

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
0020F - A	Smooth plaster-wall, Second floor, East corridor (1960)	None Detected		100% Other	White Non Fibrous Heterogeneous
1407247PLM_73	finish				Crushed
0020F - B	Smooth plaster-wall, Second floor, East corridor (1960)	None Detected		90% Other 10% Quartz	Gray Non Fibrous Heterogeneous
1407247PLM_257	base				Crushed
0020G - A	Smooth plaster-wall, Second floor, West corridor (1960)	None Detected		100% Other	White Non Fibrous Heterogeneous
1407247PLM_74	finish				Crushed
0020G - B	Smooth plaster-wall, Second floor, West corridor (1960)	None Detected		90% Other 10% Quartz	Gray Non Fibrous Heterogeneous
1407247PLM_258	base				Crushed
0021A	Drywall joint compound-wall, Basement, Washroom unisex (1960)	None Detected		100% Other	White Non Fibrous Heterogeneous
1407247PLM_75					Teased
0021B	Drywall joint compound-wall, Basement, Accounting Department (1960)	None Detected		100% Other	White Non Fibrous Heterogeneous
1407247PLM_76					Teased
0021C	Drywall joint compound-wall, Basement, CCAC Office (1960)	None Detected		100% Other	White Non Fibrous Heterogeneous
1407247PLM_77					Teased
0022A - A	Vinyl floor tile, 12" x 12", Beige with thin brown streaks, Basement, Accounting	None Detected		100% Other	Beige Non Fibrous Heterogeneous
1407247PLM_78	tile				Ashed

Disclaimer: Due to the nature of the EPA 600 method, asbestos may not be detected in samples containing low levels of asbestos. We strongly recommended that analysis of floor tiles, vermiculite, and/or heterogeneous soil samples be conducted by TEM for confirmation of "None Detected" by PLM. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAI. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government. Estimated MDL is 1.0%.

Ired Gulley (305)

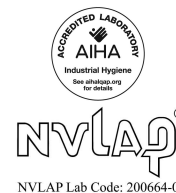
Analyst

Approved Signatory



Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and 600/M4-82-020



Customer: Pinchin Environmental Ltd
11-875 Main St West
Hamilton Ontario L8S 4R9

Attn: Michael Maiorana
David Niemand

Lab Order ID: 1407247

Analysis ID: 1407247_PLM

Date Received: 4/24/2014

Date Reported: 4/29/2014

Project: 81399.004, Hamilton Health Sciences,
West Lincoln Memorial

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
0022A - B	Vinyl floor tile, 12" x 12", Beige with thin brown streaks, Basement, Accounting	None Detected	3% Cellulose	97% Other	Yellow Non Fibrous Heterogeneous
1407247PLM_259	mastic				Dissolved
0022B - A	Vinyl floor tile, 12" x 12", Beige with thin brown streaks, Basement, Accounting	None Detected		100% Other	Beige Non Fibrous Heterogeneous
1407247PLM_79	tile				Dissolved
0022B - B	Vinyl floor tile, 12" x 12", Beige with thin brown streaks, Basement, Accounting	None Detected	3% Cellulose	97% Other	Yellow Non Fibrous Heterogeneous
1407247PLM_260	mastic				Dissolved
0022C - A	Vinyl floor tile, 12" x 12", Beige with thin brown streaks, Basement, Accounting	Not Analyzed			
1407247PLM_80	tile, gravimetric reduction				
0022C - B	Vinyl floor tile, 12" x 12", Beige with thin brown streaks, Basement, Accounting	None Detected	3% Cellulose	97% Other	Yellow Non Fibrous Heterogeneous
1407247PLM_261	mastic				Dissolved
0023A	Rough plaster ceiling above metal pan ceiling tiles, Basement, CCAC Office (196)	None Detected		90% Other 10% Perlite	Gray Non Fibrous Heterogeneous
1407247PLM_81					Crushed
0023B	Rough plaster ceiling above metal pan ceiling tiles, Basement, Conference Area (1)	None Detected		90% Other 10% Perlite	Gray Non Fibrous Heterogeneous
1407247PLM_82					Crushed
0023C	Rough plaster ceiling above metal pan ceiling tiles, Basement, Conference Area (1)	None Detected		90% Other 10% Perlite	Gray Non Fibrous Heterogeneous
1407247PLM_83					Crushed

Disclaimer: Due to the nature of the EPA 600 method, asbestos may not be detected in samples containing low levels of asbestos. We strongly recommend that analysis of floor tiles, vermiculite, and/or heterogeneous soil samples be conducted by TEM for confirmation of "None Detected" by PLM. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAI. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government. Estimated MDL is 1.0%.

Ired Gulley (305)

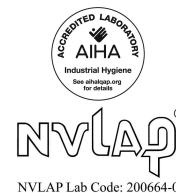
Analyst

Approved Signatory



Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and 600/M4-82-020



Customer: Pinchin Environmental Ltd
11-875 Main St West
Hamilton Ontario L8S 4R9

Attn: Michael Maiorana
David Niemand

Lab Order ID: 1407247

Analysis ID: 1407247_PLM

Date Received: 4/24/2014

Date Reported: 4/29/2014

Project: 81399.004, Hamilton Health Sciences,
West Lincoln Memorial

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
0023D	Rough plaster ceiling above metal pan ceiling tiles, Main corridor, Basement (1960)	None Detected		90% Other 10% Perlite	Gray Non Fibrous Heterogeneous
1407247PLM_84					Crushed
0023E	Rough plaster ceiling above metal pan ceiling tiles, Main corridor, Basement (1960)	None Detected		90% Other 10% Perlite	Gray Non Fibrous Heterogeneous
1407247PLM_85					Crushed
0024A	Rough plaster-ceiling, Mechanical room near physio, Basement (1960)	None Detected		90% Other 10% Perlite	Gray Non Fibrous Heterogeneous
1407247PLM_86					Crushed
0024B	Rough plaster-ceiling, Mechanical room near physio, Basement (1960)	None Detected		90% Other 10% Perlite	Gray Non Fibrous Heterogeneous
1407247PLM_87					Crushed
0024C	Rough plaster-ceiling, Mechanical room near physio, Basement (1960)	None Detected		90% Other 10% Quartz	Gray Non Fibrous Heterogeneous
1407247PLM_88					Crushed
0025A	Drywall joint compound-bulkhead, Main corridor, Basement (1960)	None Detected		100% Other	White Non Fibrous Heterogeneous
1407247PLM_89					Teased
0025B	Drywall joint compound-bulkhead, Main corridor, Basement (1960)	None Detected		100% Other	White Non Fibrous Heterogeneous
1407247PLM_90					Teased
0025C	Drywall joint compound-bulkhead, Main corridor, Basement (1960)	None Detected		100% Other	White Non Fibrous Heterogeneous
1407247PLM_91					Teased

Disclaimer: Due to the nature of the EPA 600 method, asbestos may not be detected in samples containing low levels of asbestos. We strongly recommend that analysis of floor tiles, vermiculite, and/or heterogeneous soil samples be conducted by TEM for confirmation of "None Detected" by PLM. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAI. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government. Estimated MDL is 1.0%.

Ired Gulley (305)

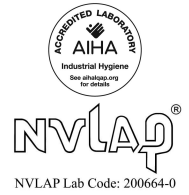
Analyst

Approved Signatory



Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and 600/M4-82-020



Customer: Pinchin Environmental Ltd
11-875 Main St West
Hamilton Ontario L8S 4R9

Attn: Michael Maiorana
David Niemand

Lab Order ID: 1407247

Analysis ID: 1407247_PLM

Date Received: 4/24/2014

Date Reported: 4/29/2014

Project: 81399.004, Hamilton Health Sciences,
West Lincoln Memorial

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
0026A	Sprayed fireproofing on beam, Mechanical Room, Basement (1993)	None Detected	80% Fiber Glass	20% Other	Gray Fibrous Heterogeneous
1407247PLM_92					Teased
0026B	Sprayed fireproofing on beam, Mechanical Room, Basement (1993)	None Detected	80% Fiber Glass	20% Other	Gray Fibrous Heterogeneous
1407247PLM_93					Teased
0026C	Sprayed fireproofing on beam, Mechanical Room, Basement (1993)	None Detected	80% Fiber Glass	20% Other	Gray Fibrous Heterogeneous
1407247PLM_94					Teased
0027A - A	Vinyl floor tile, 12" x 12", Beige with thin brown streaks, Lab, Basement (1970)	3% Chrysotile		97% Other	Beige Non Fibrous Heterogeneous
1407247PLM_95	tile				Dissolved
0027A - B	Vinyl floor tile, 12" x 12", Beige with thin brown streaks, Lab, Basement (1970)	None Detected	5% Cellulose	95% Other	Black Non Fibrous Heterogeneous
1407247PLM_262	mastic				Dissolved
0027B - A	Vinyl floor tile, 12" x 12", Beige with thin brown streaks, Lab, Basement (1970)	Not Analyzed			
1407247PLM_96	tile				
0027B - B	Vinyl floor tile, 12" x 12", Beige with thin brown streaks, Lab, Basement (1970)	None Detected	3% Cellulose	97% Other	Black Non Fibrous Heterogeneous
1407247PLM_263	mastic				Dissolved
0027C - A	Vinyl floor tile, 12" x 12", Beige with thin brown streaks, Lab, Basement (1970)	Not Analyzed			
1407247PLM_97	tile				

Disclaimer: Due to the nature of the EPA 600 method, asbestos may not be detected in samples containing low levels of asbestos. We strongly recommend that analysis of floor tiles, vermiculite, and/or heterogeneous soil samples be conducted by TEM for confirmation of "None Detected" by PLM. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAI. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government. Estimated MDL is 1.0%.

Ired Gulley (305)

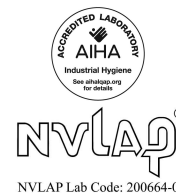
Analyst

Approved Signatory



Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and 600/M4-82-020



Customer: Pinchin Environmental Ltd
11-875 Main St West
Hamilton Ontario L8S 4R9

Attn: Michael Maiorana
David Niemand

Lab Order ID: 1407247

Analysis ID: 1407247_PLM

Date Received: 4/24/2014

Date Reported: 4/29/2014

Project: 81399.004, Hamilton Health Sciences,
West Lincoln Memorial

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
0027C - B	Vinyl floor tile, 12" x 12", Beige with thin brown streaks, Lab, Basement (1970)	None Detected	3% Cellulose	97% Other	Black Non Fibrous Heterogeneous
1407247PLM_264	mastic				Dissolved
0028A - A	Smooth plaster-wall, Lab, Basement (1970)	None Detected		100% Other	White Non Fibrous Heterogeneous
1407247PLM_98	finish				Crushed
0028A - B	Smooth plaster-wall, Lab, Basement (1970)	None Detected		90% Other 10% Quartz	Gray Non Fibrous Heterogeneous
1407247PLM_265	base				Crushed
0028B - A	Smooth plaster-ceiling, Lounge, Basement (1970)	None Detected		100% Other	White Non Fibrous Heterogeneous
1407247PLM_99	finish				Crushed
0028B - B	Smooth plaster-ceiling, Lounge, Basement (1970)	None Detected		90% Other 10% Perlite	Gray Non Fibrous Heterogeneous
1407247PLM_266	base				Crushed
0028C - A	Smooth plaster-wall, Men's washroom, Basement (1970)	None Detected		100% Other	White Non Fibrous Heterogeneous
1407247PLM_100	finish				Crushed
0028C - B	Smooth plaster-wall, Men's washroom, Basement (1970)	None Detected		90% Other 10% Quartz	Gray Non Fibrous Heterogeneous
1407247PLM_267	base				Crushed
0028D - A	Smooth plaster-wall, ECL, Basement (1970)	None Detected		100% Other	White Non Fibrous Heterogeneous
1407247PLM_101	finish				Crushed

Disclaimer: Due to the nature of the EPA 600 method, asbestos may not be detected in samples containing low levels of asbestos. We strongly recommend that analysis of floor tiles, vermiculite, and/or heterogeneous soil samples be conducted by TEM for confirmation of "None Detected" by PLM. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAI. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government. Estimated MDL is 1.0%.

Ired Gulley (305)

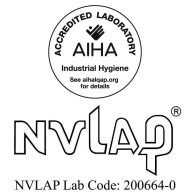
Analyst

Approved Signatory



Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and 600/M4-82-020



Customer: Pinchin Environmental Ltd
11-875 Main St West
Hamilton Ontario L8S 4R9

Attn: Michael Maiorana
David Niemand

Lab Order ID: 1407247

Analysis ID: 1407247_PLM

Date Received: 4/24/2014

Date Reported: 4/29/2014

Project: 81399.004, Hamilton Health Sciences,
West Lincoln Memorial

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
0028D - B	Smooth plaster-wall, ECL, Basement (1970)	None Detected		90% Other 10% Quartz	Gray Non Fibrous Heterogeneous
1407247PLM_268	base				Crushed
0028E - A	Smooth plaster-wall, Corridor, First floor (1970)	None Detected		100% Other	White Non Fibrous Heterogeneous
1407247PLM_102	finish				Crushed
0028E - B	Smooth plaster-wall, Corridor, First floor (1970)	None Detected		90% Other 10% Quartz	White Non Fibrous Heterogeneous
1407247PLM_269	base				Crushed
0028F - A	Smooth plaster-wall, ER Area, First floor (1970)	None Detected		100% Other	White Non Fibrous Heterogeneous
1407247PLM_103	finish				Crushed
0028F - B	Smooth plaster-wall, ER Area, First floor (1970)	None Detected		90% Other 10% Quartz	Gray Non Fibrous Heterogeneous
1407247PLM_270	base				Crushed
0028G - A	Smooth plaster-wall, ER Area, First floor (1970)	None Detected		100% Other	White Non Fibrous Heterogeneous
1407247PLM_104	finish				Crushed
0028G - B	Smooth plaster-wall, ER Area, First floor (1970)	None Detected		90% Other 10% Quartz	Gray Non Fibrous Heterogeneous
1407247PLM_271	base				Crushed
0029A	Rough plaster ceiling above metal pan ceiling tiles, East corridor, Basement (1970)	None Detected		80% Other 20% Perlite	Gray Non Fibrous Heterogeneous
1407247PLM_105					Crushed

Disclaimer: Due to the nature of the EPA 600 method, asbestos may not be detected in samples containing low levels of asbestos. We strongly recommend that analysis of floor tiles, vermiculite, and/or heterogeneous soil samples be conducted by TEM for confirmation of "None Detected" by PLM. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAI. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government. Estimated MDL is 1.0%.

Ired Gulley (305)

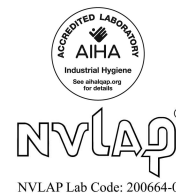
Analyst

Approved Signatory



Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and 600/M4-82-020



Customer: Pinchin Environmental Ltd
11-875 Main St West
Hamilton Ontario L8S 4R9

Attn: Michael Maiorana
David Niemand

Lab Order ID: 1407247

Analysis ID: 1407247_PLM

Date Received: 4/24/2014

Date Reported: 4/29/2014

Project: 81399.004, Hamilton Health Sciences,
West Lincoln Memorial

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
0029B	Rough plaster ceiling above metal pan ceiling tiles, Main corridor, Basement (1970)	None Detected		80% Other 20% Perlite	Gray Non Fibrous Heterogeneous
1407247PLM_106					Crushed
0029C	Rough plaster ceiling above metal pan ceiling tiles, Main corridor, Basement (1970)	None Detected		80% Other 20% Perlite	Gray Non Fibrous Heterogeneous
1407247PLM_107					Crushed
0029D	Rough plaster ceiling above metal pan ceiling tiles, Palliative Care, First floor (19	None Detected		80% Other 20% Perlite	Gray Non Fibrous Heterogeneous
1407247PLM_108					Crushed
0029E	Rough plaster ceiling above metal pan ceiling tiles, Palliative Care, First floor (19	None Detected		80% Other 20% Perlite	Gray Non Fibrous Heterogeneous
1407247PLM_109					Crushed
0030A	Acoustic ceiling tile, lay-in, 24" x 48", Pinhole and texture pattern, ECG department, Bas	5% Amosite	60% Fiber Glass 30% Cellulose	5% Other	White Fibrous Heterogeneous
1407247PLM_110					Teased
0030B	Acoustic ceiling tile, lay-in, 24" x 48", Pinhole and texture pattern, ECG department, Bas	Not Analyzed			
1407247PLM_111					
0030C	Acoustic ceiling tile, lay-in, 24" x 48", Pinhole and texture pattern, ECG department, Bas	Not Analyzed			
1407247PLM_112					
0031A	Sprayed fireproofing on deck and beam above ceiling, ECG department, Basement (1970)	None Detected	5% Fiber Glass	95% Other	Gray Fibrous Heterogeneous
1407247PLM_113					Teased

Disclaimer: Due to the nature of the EPA 600 method, asbestos may not be detected in samples containing low levels of asbestos. We strongly recommended that analysis of floor tiles, vermiculite, and/or heterogeneous soil samples be conducted by TEM for confirmation of "None Detected" by PLM. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAI. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government. Estimated MDL is 1.0%.

Ired Gulley (305)

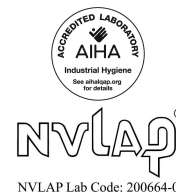
Analyst

Approved Signatory



Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and 600/M4-82-020



Customer: Pinchin Environmental Ltd
11-875 Main St West
Hamilton Ontario L8S 4R9

Attn: Michael Maiorana
David Niemand

Lab Order ID: 1407247

Analysis ID: 1407247_PLM

Date Received: 4/24/2014

Date Reported: 4/29/2014

Project: 81399.004, Hamilton Health Sciences,
West Lincoln Memorial

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
0031B	Sprayed fireproofing on deck and beam above ceiling, ECG department, Basement (1970)	None Detected	5% Fiber Glass	95% Other	Gray Fibrous Heterogeneous
1407247PLM_114					Teased
0031C	Sprayed fireproofing on deck and beam above ceiling, ECG department, Basement (1970)	None Detected	5% Fiber Glass	95% Other	Gray Fibrous Heterogeneous
1407247PLM_115					Teased
0032A	Brown fibrous board above transite panel and slanted ceiling tiles, Corridor, Baseme	None Detected	80% Cellulose	10% Perlite 10% Other	Brown Fibrous Heterogeneous
1407247PLM_116					Teased
0032B	Brown fibrous board above transite panel and slanted ceiling tiles, Corridor, Baseme	None Detected	80% Cellulose	10% Perlite 10% Other	Brown Fibrous Heterogeneous
1407247PLM_117					Teased
0032C	Brown fibrous board above transite panel and slanted ceiling tiles, Corridor, Baseme	None Detected	80% Cellulose	10% Perlite 10% Other	Brown Fibrous Heterogeneous
1407247PLM_118					Teased
0033A	Acoustic ceiling tile, lay-in, 24" x 48", Pinhole and widthwise fissure pattern, Cen	None Detected	40% Cellulose 40% Fiber Glass	20% Other	White Fibrous Heterogeneous
1407247PLM_119					Teased
0033B	Acoustic ceiling tile, lay-in, 24" x 48", Pinhole and widthwise fissure pattern, Cen	None Detected	40% Cellulose 40% Fiber Glass	20% Other	White Fibrous Heterogeneous
1407247PLM_120					Teased
0033C	Acoustic ceiling tile, lay-in, 24" x 48", Pinhole and widthwise fissure pattern, Cen	None Detected	40% Cellulose 40% Fiber Glass	20% Other	White Fibrous Heterogeneous
1407247PLM_121					Teased

Disclaimer: Due to the nature of the EPA 600 method, asbestos may not be detected in samples containing low levels of asbestos. We strongly recommended that analysis of floor tiles, vermiculite, and/or heterogeneous soil samples be conducted by TEM for confirmation of "None Detected" by PLM. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAI. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government. Estimated MDL is 1.0%.

Ired Gulley (305)

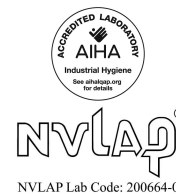
Analyst

Approved Signatory



Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and 600/M4-82-020



Customer: Pinchin Environmental Ltd
11-875 Main St West
Hamilton Ontario L8S 4R9

Attn: Michael Maiorana
David Niemand

Lab Order ID: 1407247

Analysis ID: 1407247_PLM

Date Received: 4/24/2014

Date Reported: 4/29/2014

Project: 81399.004, Hamilton Health Sciences,
West Lincoln Memorial

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
0034A	Brown mastic from old ceiling tiles on plaster ceiling, Central corridor, First floor (1948)	None Detected	3% Cellulose	97% Other	Brown Non Fibrous Heterogeneous
1407247PLM_122					Dissolved
0034B	Brown mastic from old ceiling tiles on plaster ceiling, Central corridor, First floor (1948)	None Detected	3% Cellulose	97% Other	Brown Non Fibrous Heterogeneous
1407247PLM_123					Dissolved
0034C	Brown mastic from old ceiling tiles on plaster ceiling, Central corridor, First floor (1948)	None Detected	3% Cellulose	97% Other	Brown Non Fibrous Heterogeneous
1407247PLM_124					Dissolved
0035A	Acoustic ceiling tile, lay-in, 24" x 48", Pinhole with widthwise fissure and texture	None Detected	40% Cellulose 40% Fiber Glass	10% Perlite 10% Other	White Fibrous Heterogeneous
1407247PLM_125					Teased
0035B	Acoustic ceiling tile, lay-in, 24" x 48", Pinhole with widthwise fissure and texture	None Detected	40% Cellulose 40% Fiber Glass	10% Perlite 10% Other	White Fibrous Heterogeneous
1407247PLM_126					Teased
0035C	Acoustic ceiling tile, lay-in, 24" x 48", Pinhole with widthwise fissure and texture	None Detected	40% Cellulose 40% Fiber Glass	10% Perlite 10% Other	White Fibrous Heterogeneous
1407247PLM_127					Teased
0036A	Acoustic ceiling tile, lay-in, 24" x 48", Pinhole and thick fissure pattern, Main Entrance,	None Detected	90% Cellulose	10% Other	Brown, White Fibrous Heterogeneous
1407247PLM_128					Teased
0036B	Acoustic ceiling tile, lay-in, 24" x 48", Pinhole and thick fissure pattern, Main Entrance,	None Detected	90% Cellulose	10% Other	Brown, White Fibrous Heterogeneous
1407247PLM_129					Teased

Disclaimer: Due to the nature of the EPA 600 method, asbestos may not be detected in samples containing low levels of asbestos. We strongly recommend that analysis of floor tiles, vermiculite, and/or heterogeneous soil samples be conducted by TEM for confirmation of "None Detected" by PLM. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAI. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government. Estimated MDL is 1.0%.

Ired Gulley (305)

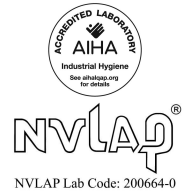
Analyst

Approved Signatory



Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and 600/M4-82-020



Customer: Pinchin Environmental Ltd
11-875 Main St West
Hamilton Ontario L8S 4R9

Attn: Michael Maiorana
David Niemand

Lab Order ID: 1407247

Analysis ID: 1407247_PLM

Date Received: 4/24/2014

Date Reported: 4/29/2014

Project: 81399.004, Hamilton Health Sciences,
West Lincoln Memorial

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
0036C	Acoustic ceiling tile, lay-in, 24" x 48", Pinhole and thick fissure pattern, Main Entrance,	None Detected	90% Cellulose	10% Other	White, Brown Fibrous Heterogeneous
1407247PLM_130					Teased
0037A - A	Vinyl floor tile, 12" x 12", Beige with brown streaks, Locker, First floor (1948) - O	None Detected		100% Other	Beige Non Fibrous Heterogeneous
1407247PLM_131	tile				Ashed
0037A - B	Vinyl floor tile, 12" x 12", Beige with brown streaks, Locker, First floor (1948) - O	None Detected	3% Cellulose	97% Other	Yellow Non Fibrous Heterogeneous
1407247PLM_272	mastic				Dissolved
0037B - A	Vinyl floor tile, 12" x 12", Beige with brown streaks, Locker, First floor (1948) - O	None Detected		100% Other	Beige Non Fibrous Heterogeneous
1407247PLM_132	tile				Ashed
0037B - B	Vinyl floor tile, 12" x 12", Beige with brown streaks, Locker, First floor (1948) - O	None Detected	3% Cellulose	97% Other	Yellow Non Fibrous Heterogeneous
1407247PLM_273	mastic				Dissolved
0037C - A	Vinyl floor tile, 12" x 12", Beige with brown streaks, Locker, First floor (1948) - O	Not Analyzed			
1407247PLM_133	tile, gravimetric reduction				
0037C - B	Vinyl floor tile, 12" x 12", Beige with brown streaks, Locker, First floor (1948) - O	None Detected	3% Cellulose	97% Other	Yellow Non Fibrous Heterogeneous
1407247PLM_274	mastic				Dissolved
0038A	Drywall joint compound-bulkhead, Lounge, First floor (1948)	None Detected		100% Other	White Non Fibrous Heterogeneous
1407247PLM_134					Teased

Disclaimer: Due to the nature of the EPA 600 method, asbestos may not be detected in samples containing low levels of asbestos. We strongly recommend that analysis of floor tiles, vermiculite, and/or heterogeneous soil samples be conducted by TEM for confirmation of "None Detected" by PLM. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAI. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government. Estimated MDL is 1.0%.

Ired Gulley (305)

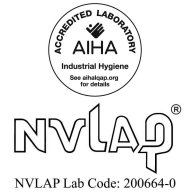
Analyst

Approved Signatory



Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and 600/M4-82-020



Customer: Pinchin Environmental Ltd
11-875 Main St West
Hamilton Ontario L8S 4R9

Attn: Michael Maiorana
David Niemand

Lab Order ID: 1407247

Analysis ID: 1407247_PLM

Date Received: 4/24/2014

Date Reported: 4/29/2014

Project: 81399.004, Hamilton Health Sciences,
West Lincoln Memorial

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
0038B	Drywall joint compound-bulkhead, Lounge, First floor (1948)	None Detected		100% Other	White Non Fibrous Heterogeneous
1407247PLM_135					Teased
0038C	Drywall joint compound-bulkhead, Lounge, First floor (1948)	None Detected		100% Other	White Non Fibrous Heterogeneous
1407247PLM_136					Teased
0039A	Drywall joint compound-wall, Mammography suite, First floor (1960)	None Detected		100% Other	White Non Fibrous Heterogeneous
1407247PLM_137					Teased
0039B	Drywall joint compound-wall, Mammography suite, First floor (1960)	None Detected		100% Other	White Non Fibrous Heterogeneous
1407247PLM_138					Teased
0039C	Drywall joint compound-wall, Mammography suite, First floor (1960)	None Detected		100% Other	White Non Fibrous Heterogeneous
1407247PLM_139					Teased
0040A - A	Vinyl sheet flooring, Brown with white streaks, Barrier free wall, First floor (1960) - ONL	15% Chrysotile	10% Cellulose	75% Other	Brown Fibrous Heterogeneous
1407247PLM_140	backing				Teased
0040A - B	Vinyl sheet flooring, Brown with white streaks, Barrier free wall, First floor (1960) - ONL	None Detected	3% Cellulose	97% Other	Yellow Non Fibrous Heterogeneous
1407247PLM_275	mastic				Dissolved
0040B - A	Vinyl sheet flooring, Brown with white streaks, Barrier free wall, First floor (1960) - ONL	Not Analyzed			
1407247PLM_141	backing				

Disclaimer: Due to the nature of the EPA 600 method, asbestos may not be detected in samples containing low levels of asbestos. We strongly recommended that analysis of floor tiles, vermiculite, and/or heterogeneous soil samples be conducted by TEM for confirmation of "None Detected" by PLM. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAI. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government. Estimated MDL is 1.0%.

Ired Gulley (305)

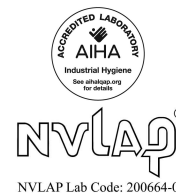
Analyst

Approved Signatory



Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and 600/M4-82-020



Customer: Pinchin Environmental Ltd
11-875 Main St West
Hamilton Ontario L8S 4R9

Attn: Michael Maiorana
David Niemand

Lab Order ID: 1407247

Analysis ID: 1407247_PLM

Date Received: 4/24/2014

Date Reported: 4/29/2014

Project: 81399.004, Hamilton Health Sciences,
West Lincoln Memorial

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
0040B - B	Vinyl sheet flooring, Brown with white streaks, Barrier free wall, First floor (1960) - ONL	None Detected	3% Cellulose	97% Other	Yellow Non Fibrous Heterogeneous
1407247PLM_276	mastic				Dissolved
0040C - A	Vinyl sheet flooring, Brown with white streaks, Barrier free wall, First floor (1960) - ONL	Not Analyzed			
1407247PLM_142	backing				
0040C - B	Vinyl sheet flooring, Brown with white streaks, Barrier free wall, First floor (1960) - ONL	None Detected	3% Cellulose	97% Other	Yellow Non Fibrous Heterogeneous
1407247PLM_277	mastic				Dissolved
0041A	Drywall joint compound-wall, ER Area, First floor (1970)	None Detected		100% Other	White Non Fibrous Heterogeneous
1407247PLM_143					Teased
0041B	Drywall joint compound-wall, ER Area, First floor (1970)	None Detected		100% Other	White Non Fibrous Heterogeneous
1407247PLM_144					Teased
0041C	Drywall joint compound-wall, ER Area, First floor (1970)	None Detected		100% Other	White Non Fibrous Heterogeneous
1407247PLM_145					Teased
0042A	Splined ceiling tile, 12" x 12", Wide fissure, Corridor, Second floor (1948)	None Detected	45% Cellulose 45% Fiber Glass	10% Other	White Fibrous Heterogeneous
1407247PLM_146					Teased
0042B	Splined ceiling tile, 12" x 12", Wide fissure, Corridor, Second floor (1948)	None Detected	45% Cellulose 45% Fiber Glass	10% Other	White Fibrous Heterogeneous
1407247PLM_147					Teased

Disclaimer: Due to the nature of the EPA 600 method, asbestos may not be detected in samples containing low levels of asbestos. We strongly recommended that analysis of floor tiles, vermiculite, and/or heterogeneous soil samples be conducted by TEM for confirmation of "None Detected" by PLM. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAI. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government. Estimated MDL is 1.0%.

Ired Gulley (305)

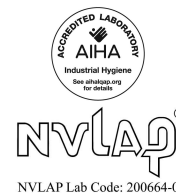
Analyst

Approved Signatory



Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and 600/M4-82-020



Customer: Pinchin Environmental Ltd
11-875 Main St West
Hamilton Ontario L8S 4R9

Attn: Michael Maiorana
David Niemand

Lab Order ID: 1407247

Analysis ID: 1407247_PLM

Date Received: 4/24/2014

Date Reported: 4/29/2014

Project: 81399.004, Hamilton Health Sciences,
West Lincoln Memorial

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
0042C	Splined ceiling tile, 12" x 12", Wide fissure, Corridor, Second floor (1948)	None Detected	45% Cellulose 45% Fiber Glass	10% Other	White Fibrous Heterogeneous
1407247PLM_148					Teased
0043A - A	Vinyl sheet flooring, Orange fleck, Staff lounge, Second floor (1948) -ONLY ANALY	None Detected	10% Cellulose 10% Synthetic Fibers	80% Other	Brown Fibrous Heterogeneous
1407247PLM_149	paper				Teased
0043A - B	Vinyl sheet flooring, Orange fleck, Staff lounge, Second floor (1948) -ONLY ANALY	3% Chrysotile	5% Cellulose	92% Other	Black, Yellow Non Fibrous Heterogeneous
1407247PLM_278	mastic				Dissolved
0043B - A	Vinyl sheet flooring, Orange fleck, Staff lounge, Second floor (1948) -ONLY ANALY	None Detected	10% Cellulose 10% Synthetic Fibers	80% Other	Brown Fibrous Heterogeneous
1407247PLM_150	paper				Teased
0043B - B	Vinyl sheet flooring, Orange fleck, Staff lounge, Second floor (1948) -ONLY ANALY	Not Analyzed			
1407247PLM_279	mastic				
0043C - A	Vinyl sheet flooring, Orange fleck, Staff lounge, Second floor (1948) -ONLY ANALY	None Detected	10% Cellulose 10% Synthetic Fibers	80% Quartz	Brown Fibrous Heterogeneous
1407247PLM_151	paper				Teased
0043C - B	Vinyl sheet flooring, Orange fleck, Staff lounge, Second floor (1948) -ONLY ANALY	Not Analyzed			
1407247PLM_280	mastic				
0044A - A	Vinyl floor tile, 12" x 12", Grey with brown and white streaks, Storage room, Second	3% Chrysotile		97% Other	Gray Non Fibrous Heterogeneous
1407247PLM_152	tile				Dissolved

Disclaimer: Due to the nature of the EPA 600 method, asbestos may not be detected in samples containing low levels of asbestos. We strongly recommended that analysis of floor tiles, vermiculite, and/or heterogeneous soil samples be conducted by TEM for confirmation of "None Detected" by PLM. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAI. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government. Estimated MDL is 1.0%.

Ired Gulley (305)

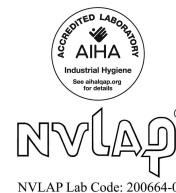
Analyst

Approved Signatory



Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and 600/M4-82-020



Customer: Pinchin Environmental Ltd
11-875 Main St West
Hamilton Ontario L8S 4R9

Attn: Michael Maiorana
David Niemand

Lab Order ID: 1407247

Analysis ID: 1407247_PLM

Date Received: 4/24/2014

Date Reported: 4/29/2014

Project: 81399.004, Hamilton Health Sciences,
West Lincoln Memorial

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
0044A - B	Vinyl floor tile, 12" x 12", Grey with brown and white streaks, Storage room, Second	3% Chrysotile	3% Cellulose	94% Other	Black Non Fibrous Heterogeneous
1407247PLM_281	mastic				Dissolved
0044B - A	Vinyl floor tile, 12" x 12", Grey with brown and white streaks, Storage room, Second	Not Analyzed			
1407247PLM_153	tile				
0044B - B	Vinyl floor tile, 12" x 12", Grey with brown and white streaks, Storage room, Second	Not Analyzed			
1407247PLM_282	mastic				
0044C - A	Vinyl floor tile, 12" x 12", Grey with brown and white streaks, Storage room, Second	Not Analyzed			
1407247PLM_154	tile				
0044C - B	Vinyl floor tile, 12" x 12", Grey with brown and white streaks, Storage room, Second	Not Analyzed			
1407247PLM_283	mastic				
0045A	Paper heat shield in incandescent light fixture, Storage room Second floor (19)	50% Chrysotile	40% Cellulose	10% Other	White Fibrous Heterogeneous
1407247PLM_155					Teased
0045B	Paper heat shield in incandescent light fixture, Storage room Second floor (19)	Not Analyzed			
1407247PLM_156					
0045C	Paper heat shield in incandescent light fixture, Storage room Second floor (19)	Not Analyzed			
1407247PLM_157					

Disclaimer: Due to the nature of the EPA 600 method, asbestos may not be detected in samples containing low levels of asbestos. We strongly recommend that analysis of floor tiles, vermiculite, and/or heterogeneous soil samples be conducted by TEM for confirmation of "None Detected" by PLM. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAI. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government. Estimated MDL is 1.0%.

Ired Gulley (305)

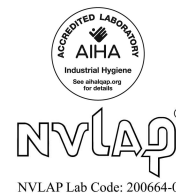
Analyst

Approved Signatory



Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and 600/M4-82-020



Customer: Pinchin Environmental Ltd
11-875 Main St West
Hamilton Ontario L8S 4R9

Attn: Michael Maiorana
David Niemand

Lab Order ID: 1407247

Analysis ID: 1407247_PLM

Date Received: 4/24/2014

Date Reported: 4/29/2014

Project: 81399.004, Hamilton Health Sciences,
West Lincoln Memorial

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
0046A	Vinyl sheet flooring, Grey and white square pattern, Medical storage, Second floor (1948) -	15% Chrysotile	5% Cellulose	80% Other	Gray Fibrous Heterogeneous
1407247PLM_158	backing only no mastic				Teased
0046B	Vinyl sheet flooring, Grey and white square pattern, Medical storage, Second floor (1948) -	Not Analyzed			
1407247PLM_159	unable to separate mastic				
0046C	Vinyl sheet flooring, Grey and white square pattern, Medical storage, Second floor (1948) -	Not Analyzed			
1407247PLM_160	unable to separate mastic				
0047A	Plaster on duct, Washroom, Second floor (1960)	None Detected		100% Other	Gray Non Fibrous Heterogeneous
1407247PLM_161					Crushed
0047B	Plaster on duct, Washroom, Second floor (1960)	None Detected		100% Other	Gray Non Fibrous Heterogeneous
1407247PLM_162					Crushed
0047C	Plaster on duct, Washroom, Second floor (1960)	None Detected		100% Other	Gray Non Fibrous Heterogeneous
1407247PLM_163					Crushed
0048A	Drywall joint compound-bulkhead, Board room, Basement (1948)	None Detected		100% Other	White Non Fibrous Heterogeneous
1407247PLM_164					Teased
0048B	Drywall joint compound-bulkhead, Board room, Basement (1948)	None Detected		100% Other	White Non Fibrous Heterogeneous
1407247PLM_165					Teased

Disclaimer: Due to the nature of the EPA 600 method, asbestos may not be detected in samples containing low levels of asbestos. We strongly recommended that analysis of floor tiles, vermiculite, and/or heterogeneous soil samples be conducted by TEM for confirmation of "None Detected" by PLM. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAI. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government. Estimated MDL is 1.0%.

Ired Gulley (305)

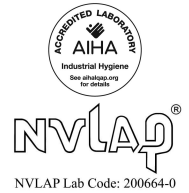
Analyst

Approved Signatory



Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and 600/M4-82-020



Customer: Pinchin Environmental Ltd
11-875 Main St West
Hamilton Ontario L8S 4R9

Attn: Michael Maiorana
David Niemand

Lab Order ID: 1407247

Analysis ID: 1407247_PLM

Date Received: 4/24/2014

Date Reported: 4/29/2014

Project: 81399.004, Hamilton Health Sciences,
West Lincoln Memorial

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
0048C	Drywall joint compound-bulkhead, Board room, Basement (1948)	None Detected		100% Other	White Non Fibrous Heterogeneous
1407247PLM_166					Teased
0049A	Fibrous sprayed fireproofing on joists & beams, Crawl space, Second floor (1948)	None Detected	70% Fiber Glass	30% Other	Gray Fibrous Heterogeneous
1407247PLM_167					Teased
0049B	Fibrous sprayed fireproofing on joists & beams, Crawl space, Second floor (1948)	None Detected	70% Fiber Glass	30% Other	Gray Fibrous Heterogeneous
1407247PLM_168					Teased
0049C	Fibrous sprayed fireproofing on joists & beams, Crawl space, Second floor (1948)	None Detected	70% Fiber Glass	30% Other	Gray Fibrous Heterogeneous
1407247PLM_169					Teased
0049D	Fibrous sprayed fireproofing on joists & beams, Crawl space, Second floor (1948)	None Detected	70% Fiber Glass	30% Other	Gray Fibrous Heterogeneous
1407247PLM_170					Teased
0049E	Fibrous sprayed fireproofing on joists & beams, Crawl space, Second floor (1948)	None Detected	70% Fiber Glass	30% Other	Gray Fibrous Heterogeneous
1407247PLM_171					Teased
0050A - A	Vinyl floor tile, 12" x 12", Beige with beige and grey fleck, Corridor kitchen area, Fi	None Detected		100% Other	Beige Non Fibrous Heterogeneous
1407247PLM_172	tile				Dissolved
0050A - B	Vinyl floor tile, 12" x 12", Beige with beige and grey fleck, Corridor kitchen area, Fi	None Detected	5% Cellulose	95% Other	Black Non Fibrous Heterogeneous
1407247PLM_284	mastic				Dissolved

Disclaimer: Due to the nature of the EPA 600 method, asbestos may not be detected in samples containing low levels of asbestos. We strongly recommended that analysis of floor tiles, vermiculite, and/or heterogeneous soil samples be conducted by TEM for confirmation of "None Detected" by PLM. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAI. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government. Estimated MDL is 1.0%.

Ired Gulley (305)

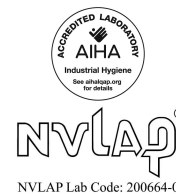
Analyst

Approved Signatory



Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and 600/M4-82-020



Customer: Pinchin Environmental Ltd
11-875 Main St West
Hamilton Ontario L8S 4R9

Attn: Michael Maiorana
David Niemand

Lab Order ID: 1407247

Analysis ID: 1407247_PLM

Date Received: 4/24/2014

Date Reported: 4/29/2014

Project: 81399.004, Hamilton Health Sciences,
West Lincoln Memorial

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
0050B - A	Vinyl floor tile, 12" x 12", Beige with beige and grey fleck, Corridor kitchen area, Fi	None Detected		100% Other	Beige Non Fibrous Heterogeneous
1407247PLM_173	tile				Dissolved
0050B - B	Vinyl floor tile, 12" x 12", Beige with beige and grey fleck, Corridor kitchen area, Fi	None Detected	3% Cellulose	97% Other	Black Non Fibrous Heterogeneous
1407247PLM_285	mastic				Dissolved
0050C - A	Vinyl floor tile, 12" x 12", Beige with beige and grey fleck, Corridor kitchen area, Fi	Not Analyzed			
1407247PLM_174	tile, gravimetric reduction				
0050C - B	Vinyl floor tile, 12" x 12", Beige with beige and grey fleck, Corridor kitchen area, Fi	None Detected	3% Cellulose	97% Other	Black Non Fibrous Heterogeneous
1407247PLM_286	mastic				Dissolved
0051A	Drywall joint compound-wall, Kitchen area service corridor, First floor (1986)	None Detected		100% Other	White Non Fibrous Heterogeneous
1407247PLM_175					Teased
0051B	Drywall joint compound-wall, Kitchen area main corridor, First floor (1986)	None Detected		100% Other	White Non Fibrous Heterogeneous
1407247PLM_176					Teased
0051C	Drywall joint compound-wall, Electrical room, First floor (1986)	None Detected		100% Other	White Non Fibrous Heterogeneous
1407247PLM_177					Teased
0052A	Acoustic ceiling tile, lay-in, 24" x 48", Pinhole and widthwise fissure pattern, Kitc	None Detected	40% Cellulose 40% Fiber Glass	10% Perlite 10% Other	White Fibrous Heterogeneous
1407247PLM_178					Teased

Disclaimer: Due to the nature of the EPA 600 method, asbestos may not be detected in samples containing low levels of asbestos. We strongly recommended that analysis of floor tiles, vermiculite, and/or heterogeneous soil samples be conducted by TEM for confirmation of "None Detected" by PLM. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAI. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government. Estimated MDL is 1.0%.

Ired Gulley (305)

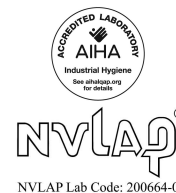
Analyst

Approved Signatory



Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and 600/M4-82-020



Customer: Pinchin Environmental Ltd
11-875 Main St West
Hamilton Ontario L8S 4R9

Attn: Michael Maiorana
David Niemand

Lab Order ID: 1407247

Analysis ID: 1407247_PLM

Date Received: 4/24/2014

Date Reported: 4/29/2014

Project: 81399.004, Hamilton Health Sciences,
West Lincoln Memorial

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
0052B	Acoustic ceiling tile, lay-in, 24" x 48", Pinhole and widthwise fissure pattern, Kitc	None Detected	40% Cellulose 40% Fiber Glass	10% Perlite 10% Other	White Fibrous Heterogeneous
1407247PLM_179					Teased
0052C	Acoustic ceiling tile, lay-in, 24" x 48", Pinhole and widthwise fissure pattern, Kitc	None Detected	40% Cellulose 40% Fiber Glass	10% Perlite 10% Other	White Fibrous Heterogeneous
1407247PLM_180					Teased
0053A	Fibrous sprayed fireproofing on structure, Kitchen area, First floor (1986)	None Detected	80% Fiber Glass	20% Other	Gray Fibrous Heterogeneous
1407247PLM_181					Teased
0053B	Fibrous sprayed fireproofing on structure, Kitchen area, First floor (1986)	None Detected	80% Fiber Glass	20% Other	Gray Fibrous Heterogeneous
1407247PLM_182					Teased
0053C	Fibrous sprayed fireproofing on structure, Kitchen area, First floor (1986)	None Detected	80% Fiber Glass	20% Other	Gray Fibrous Heterogeneous
1407247PLM_183					Teased
0053D	Fibrous sprayed fireproofing on structure, Kitchen area, First floor (1986)	None Detected	80% Fiber Glass	20% Other	Gray Fibrous Heterogeneous
1407247PLM_184					Teased
0053E	Fibrous sprayed fireproofing on structure, Kitchen area, First floor (1986)	None Detected	80% Fiber Glass	20% Other	Gray Fibrous Heterogeneous
1407247PLM_185					Teased
0054A	Acoustic ceiling tile, lay-in, 24" x 48", Pinhole pattern, Kitchen, Kitchen Area, Servic	None Detected	40% Cellulose 40% Fiber Glass	10% Perlite 10% Other	White Fibrous Heterogeneous
1407247PLM_186					Teased

Disclaimer: Due to the nature of the EPA 600 method, asbestos may not be detected in samples containing low levels of asbestos. We strongly recommended that analysis of floor tiles, vermiculite, and/or heterogeneous soil samples be conducted by TEM for confirmation of "None Detected" by PLM. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAI. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government. Estimated MDL is 1.0%.

Ired Gulley (305)

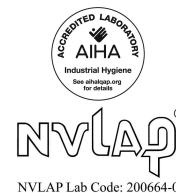
Analyst

Approved Signatory



Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and 600/M4-82-020



Customer: Pinchin Environmental Ltd
11-875 Main St West
Hamilton Ontario L8S 4R9

Attn: Michael Maiorana
David Niemand

Lab Order ID: 1407247

Analysis ID: 1407247_PLM

Date Received: 4/24/2014

Date Reported: 4/29/2014

Project: 81399.004, Hamilton Health Sciences,
West Lincoln Memorial

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
0054B	Acoustic ceiling tile, lay-in, 24" x 48", Pinhole pattern, Kitchen, Kitchen Area, Servic	None Detected	40% Cellulose 40% Fiber Glass	10% Perlite 10% Other	White Fibrous Heterogeneous
1407247PLM_187					Teased
0054C	Acoustic ceiling tile, lay-in, 24" x 48", Pinhole pattern, Kitchen, Kitchen Area, Servic	None Detected	40% Cellulose 40% Fiber Glass	10% Perlite 10% Other	White Fibrous Heterogeneous
1407247PLM_188					Teased
0055A - A	Texture plaster on exterior wall (1948)	None Detected		80% Other 20% Quartz	White Non Fibrous Heterogeneous
1407247PLM_189	white layer				Crushed
0055A - B	Texture plaster on exterior wall (1948)	None Detected		80% Other 20% Quartz	Gray Non Fibrous Heterogeneous
1407247PLM_287	gray layer				Crushed
0055B	Texture plaster on exterior wall (1948)	None Detected		80% Other 20% Quartz	White Non Fibrous Heterogeneous
1407247PLM_190	white layer only				Crushed
0055C	Texture plaster on exterior wall (1948)	None Detected		80% Other 20% Quartz	White Non Fibrous Heterogeneous
1407247PLM_191	white layer only				Crushed
0055D	Texture plaster on exterior wall (1948)	None Detected		80% Other 20% Quartz	White Non Fibrous Heterogeneous
1407247PLM_192	white layer only				Crushed
0055E	Texture plaster on exterior wall (1948)	None Detected		80% Other 20% Quartz	White Non Fibrous Heterogeneous
1407247PLM_193	white layer only				Crushed

Disclaimer: Due to the nature of the EPA 600 method, asbestos may not be detected in samples containing low levels of asbestos. We strongly recommended that analysis of floor tiles, vermiculite, and/or heterogeneous soil samples be conducted by TEM for confirmation of "None Detected" by PLM. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAI. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government. Estimated MDL is 1.0%.

Ired Gulley (305)

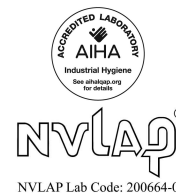
Analyst

Approved Signatory



Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and 600/M4-82-020



Customer: Pinchin Environmental Ltd
11-875 Main St West
Hamilton Ontario L8S 4R9

Attn: Michael Maiorana
David Niemand

Lab Order ID: 1407247

Analysis ID: 1407247_PLM

Date Received: 4/24/2014

Date Reported: 4/29/2014

Project: 81399.004, Hamilton Health Sciences,
West Lincoln Memorial

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
0055F	Texture plaster on exterior wall (1948)	None Detected		80% Other 20% Quartz	White Non Fibrous Heterogeneous
1407247PLM_194	white layer only				Crushed
0055G	Texture plaster on exterior wall (1948)	None Detected		80% Other 20% Quartz	White Non Fibrous Heterogeneous
1407247PLM_195	white layer only				Crushed
0056A	Texture plaster on exterior wall (1960)	None Detected		80% Other 20% Quartz	White Non Fibrous Heterogeneous
1407247PLM_196	white layer only				Crushed
0056B	Texture plaster on exterior wall (1960)	None Detected		80% Other 20% Quartz	White Non Fibrous Heterogeneous
1407247PLM_197	white layer only				Crushed
0056C - A	Texture plaster on exterior wall (1960)	None Detected		80% Other 20% Quartz	White Non Fibrous Heterogeneous
1407247PLM_198	white layer				Crushed
0056C - B	Texture plaster on exterior wall (1960)	None Detected		80% Other 20% Quartz	Gray Non Fibrous Heterogeneous
1407247PLM_288	gray layer				Crushed
0056D - A	Texture plaster on exterior wall (1960)	None Detected		80% Other 20% Quartz	White Non Fibrous Heterogeneous
1407247PLM_199	white layer				Crushed
0056D - B	Texture plaster on exterior wall (1960)	None Detected		80% Other 20% Quartz	Gray Non Fibrous Heterogeneous
1407247PLM_289	gray layer				Crushed

Disclaimer: Due to the nature of the EPA 600 method, asbestos may not be detected in samples containing low levels of asbestos. We strongly recommend that analysis of floor tiles, vermiculite, and/or heterogeneous soil samples be conducted by TEM for confirmation of "None Detected" by PLM. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAI. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government. Estimated MDL is 1.0%.

Ired Gulley (305)

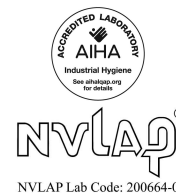
Analyst

Approved Signatory



Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and 600/M4-82-020



Customer: Pinchin Environmental Ltd
11-875 Main St West
Hamilton Ontario L8S 4R9

Attn: Michael Maiorana
David Niemand

Lab Order ID: 1407247

Analysis ID: 1407247_PLM

Date Received: 4/24/2014

Date Reported: 4/29/2014

Project: 81399.004, Hamilton Health Sciences,
West Lincoln Memorial

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
0056E - A	Texture plaster on exterior wall (1960)	None Detected		80% Other 20% Quartz	White Non Fibrous Heterogeneous
1407247PLM_200	white layer				Crushed
0056E - B	Texture plaster on exterior wall (1960)	None Detected		80% Other 20% Quartz	Gray Non Fibrous Heterogeneous
1407247PLM_290	gray layer				Crushed
0056F - A	Texture plaster on exterior wall (1960)	None Detected		80% Other 20% Quartz	White Non Fibrous Heterogeneous
1407247PLM_201	white layer				Crushed
0056F - B	Texture plaster on exterior wall (1960)	None Detected		80% Other 20% Quartz	White Non Fibrous Heterogeneous
1407247PLM_291	gray layer				Crushed
0056G - A	Texture plaster on exterior wall (1960)	None Detected		80% Other 20% Quartz	White Non Fibrous Heterogeneous
1407247PLM_202	white layer				Crushed
0056G - B	Texture plaster on exterior wall (1960)	None Detected		80% Other 20% Quartz	Gray Non Fibrous Heterogeneous
1407247PLM_292	gray layer				Crushed
0057A	Rough plaster finish on exterior, Nurses Residents (1948)	None Detected		80% Other 20% Quartz	White Non Fibrous Heterogeneous
1407247PLM_203					Crushed
0057B	Rough plaster finish on exterior, Nurses Residents (1948)	None Detected		80% Other 20% Quartz	White Non Fibrous Heterogeneous
1407247PLM_204					Crushed

Disclaimer: Due to the nature of the EPA 600 method, asbestos may not be detected in samples containing low levels of asbestos. We strongly recommend that analysis of floor tiles, vermiculite, and/or heterogeneous soil samples be conducted by TEM for confirmation of "None Detected" by PLM. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAI. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government. Estimated MDL is 1.0%.

Ired Gulley (305)

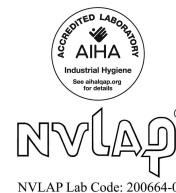
Analyst

Approved Signatory



Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and 600/M4-82-020



Customer: Pinchin Environmental Ltd
11-875 Main St West
Hamilton Ontario L8S 4R9

Attn: Michael Maiorana
David Niemand

Lab Order ID: 1407247

Analysis ID: 1407247_PLM

Date Received: 4/24/2014

Date Reported: 4/29/2014

Project: 81399.004, Hamilton Health Sciences,
West Lincoln Memorial

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
0057C	Rough plaster finish on exterior, Nurses Residents (1948)	None Detected		80% Other 20% Quartz	White Non Fibrous Heterogeneous
1407247PLM_205					Crushed
0058A - A	Smooth plaster-ceiling, Mechanical Room, Nurses Residents (1948)	None Detected		100% Other	White Non Fibrous Heterogeneous
1407247PLM_206	finish				Crushed
0058A - B	Smooth plaster-ceiling, Mechanical Room, Nurses Residents (1948)	None Detected		80% Other 20% Quartz	Gray Non Fibrous Heterogeneous
1407247PLM_293	base				Crushed
0058B - A	Smooth plaster-wall, Mechanical Room, Nurses Residents (1948)	None Detected		100% Other	White Non Fibrous Heterogeneous
1407247PLM_207	finish				Crushed
0058B - B	Smooth plaster-wall, Mechanical Room, Nurses Residents (1948)	None Detected		80% Other 20% Quartz	Gray Non Fibrous Heterogeneous
1407247PLM_294	base				Crushed
0058C - A	Smooth plaster-wall, Mechanical Room, Nurses Residents (1948)	None Detected		100% Other	White Non Fibrous Heterogeneous
1407247PLM_208	finish				Crushed
0058C - B	Smooth plaster-wall, Mechanical Room, Nurses Residents (1948)	None Detected		80% Other 20% Quartz	Gray Non Fibrous Heterogeneous
1407247PLM_295	base				Crushed
0058D - A	Smooth plaster-wall, Stationary Closet, Nurses Residents (1948)	None Detected		100% Other	White Non Fibrous Heterogeneous
1407247PLM_209	finish				Crushed

Disclaimer: Due to the nature of the EPA 600 method, asbestos may not be detected in samples containing low levels of asbestos. We strongly recommend that analysis of floor tiles, vermiculite, and/or heterogeneous soil samples be conducted by TEM for confirmation of "None Detected" by PLM. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAI. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government. Estimated MDL is 1.0%.

Ired Gulley (305)

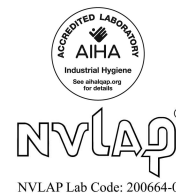
Analyst

Approved Signatory



Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and 600/M4-82-020



Customer: Pinchin Environmental Ltd
11-875 Main St West
Hamilton Ontario L8S 4R9

Attn: Michael Maiorana
David Niemand

Lab Order ID: 1407247

Analysis ID: 1407247_PLM

Date Received: 4/24/2014

Date Reported: 4/29/2014

Project: 81399.004, Hamilton Health Sciences,
West Lincoln Memorial

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
0058D - B	Smooth plaster-wall, Stationary Closet, Nurses Residents (1948)	None Detected		80% Other 20% Quartz	Gray Non Fibrous Heterogeneous
1407247PLM_296	base				Crushed
0058E - A	Smooth plaster-wall, Boardroom Closet, Nurses Residents (1948)	None Detected		100% Other	White Non Fibrous Heterogeneous
1407247PLM_210	finish				Crushed
0058E - B	Smooth plaster-wall, Boardroom Closet, Nurses Residents (1948)	None Detected		80% Other 20% Quartz	Gray Non Fibrous Heterogeneous
1407247PLM_297	base				Crushed
0058F - A	Smooth plaster-wall, Vestibule, Nurses Residents (1948)	None Detected		100% Other	White Non Fibrous Heterogeneous
1407247PLM_211	finish				Crushed
0058F - B	Smooth plaster-wall, Vestibule, Nurses Residents (1948)	None Detected		80% Other 20% Quartz	Gray Non Fibrous Heterogeneous
1407247PLM_298	base				Crushed
0058G - A	Smooth plaster-wall, Sprinkler Room, Nurses Residents (1948)	None Detected		100% Other	White Non Fibrous Heterogeneous
1407247PLM_212	finish				Crushed
0058G - B	Smooth plaster-wall, Sprinkler Room, Nurses Residents (1948)	None Detected		80% Other 20% Quartz	Gray Non Fibrous Heterogeneous
1407247PLM_299	base				Crushed
0059A	Drywall joint compound-wall, Mechanical room, Nurses Residents (1948)	None Detected		100% Other	White Non Fibrous Heterogeneous
1407247PLM_213					Teased

Disclaimer: Due to the nature of the EPA 600 method, asbestos may not be detected in samples containing low levels of asbestos. We strongly recommend that analysis of floor tiles, vermiculite, and/or heterogeneous soil samples be conducted by TEM for confirmation of "None Detected" by PLM. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAI. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government. Estimated MDL is 1.0%.

Ired Gulley (305)

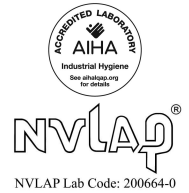
Analyst

Approved Signatory



Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and 600/M4-82-020



Customer: Pinchin Environmental Ltd
11-875 Main St West
Hamilton Ontario L8S 4R9

Attn: Michael Maiorana
David Niemand

Lab Order ID: 1407247

Analysis ID: 1407247_PLM

Date Received: 4/24/2014

Date Reported: 4/29/2014

Project: 81399.004, Hamilton Health Sciences,
West Lincoln Memorial

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
0059B	Drywall joint compound-wall, Room #13, Nurses Residents (1948)	None Detected		100% Other	White Non Fibrous Heterogeneous
1407247PLM_214					Teased
0059C	Drywall joint compound-wall, Front entrance, Nurses Residents (1948)	None Detected		100% Other	White Non Fibrous Heterogeneous
1407247PLM_215					Teased
0060A - A	Vinyl floor tile, 9" x 9", Beige with red streaks, Janitors closet, Nurses Residents, First	5% Chrysotile		95% Other	Beige Non Fibrous Heterogeneous
1407247PLM_216	tile				Dissolved
0060A - B	Vinyl floor tile, 9" x 9", Beige with red streaks, Janitors closet, Nurses Residents, First	3% Chrysotile		97% Other	Black Non Fibrous Heterogeneous
1407247PLM_300	mastic				Dissolved
0060B - A	Vinyl floor tile, 9" x 9", Beige with red streaks, Janitors closet, Nurses Residents, First	Not Analyzed			
1407247PLM_217	tile				
0060B - B	Vinyl floor tile, 9" x 9", Beige with red streaks, Janitors closet, Nurses Residents, First	Not Analyzed			
1407247PLM_301	mastic				
0060C - A	Vinyl floor tile, 9" x 9", Beige with red streaks, Janitors closet, Nurses Residents, First	Not Analyzed			
1407247PLM_218	tile				
0060C - B	Vinyl floor tile, 9" x 9", Beige with red streaks, Janitors closet, Nurses Residents, First	Not Analyzed			
1407247PLM_302	mastic				

Disclaimer: Due to the nature of the EPA 600 method, asbestos may not be detected in samples containing low levels of asbestos. We strongly recommend that analysis of floor tiles, vermiculite, and/or heterogeneous soil samples be conducted by TEM for confirmation of "None Detected" by PLM. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAI. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government. Estimated MDL is 1.0%.

Ired Gulley (305)

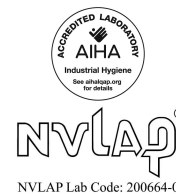
Analyst

Approved Signatory



Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and 600/M4-82-020



Customer: Pinchin Environmental Ltd
11-875 Main St West
Hamilton Ontario L8S 4R9

Attn: Michael Maiorana
David Niemand

Lab Order ID: 1407247

Analysis ID: 1407247_PLM

Date Received: 4/24/2014

Date Reported: 4/29/2014

Project: 81399.004, Hamilton Health Sciences,
West Lincoln Memorial

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
0061A - A	Vinyl floor tile, 12" x 12", Beige with orange streaks, Nurses Residents (West), First	None Detected		100% Other	Beige Non Fibrous Heterogeneous
1407247PLM_219	tile				Dissolved
0061A - B	Vinyl floor tile, 12" x 12", Beige with orange streaks, Nurses Residents (West), First	3% Chrysotile	3% Cellulose	94% Other	Black Non Fibrous Heterogeneous
1407247PLM_303	mastic				Dissolved
0061B - A	Vinyl floor tile, 12" x 12", Beige with orange streaks, Nurses Residents (West), First	None Detected		100% Other	Beige Non Fibrous Heterogeneous
1407247PLM_220	tile				Dissolved
0061B - B	Vinyl floor tile, 12" x 12", Beige with orange streaks, Nurses Residents (West), First	Not Analyzed			
1407247PLM_304	mastic				
0061C - A	Vinyl floor tile, 12" x 12", Beige with orange streaks, Nurses Residents (West), First	Not Analyzed			
1407247PLM_221	tile, gravimetric reduction				
0061C - B	Vinyl floor tile, 12" x 12", Beige with orange streaks, Nurses Residents (West), First	Not Analyzed			
1407247PLM_305	mastic				
0062A	Acoustic ceiling tile, lay-in, 24" x 48", Pinhole and thick widthwise fissure pattern, Boa	None Detected	40% Cellulose 40% Fiber Glass	10% Perlite 10% Other	White Fibrous Heterogeneous
1407247PLM_222					Teased
0062B	Acoustic ceiling tile, lay-in, 24" x 48", Pinhole and thick widthwise fissure pattern, Boa	None Detected	40% Cellulose 40% Fiber Glass	10% Perlite 10% Other	White Fibrous Heterogeneous
1407247PLM_223					Teased

Disclaimer: Due to the nature of the EPA 600 method, asbestos may not be detected in samples containing low levels of asbestos. We strongly recommend that analysis of floor tiles, vermiculite, and/or heterogeneous soil samples be conducted by TEM for confirmation of "None Detected" by PLM. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAI. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government. Estimated MDL is 1.0%.

Ired Gulley (305)

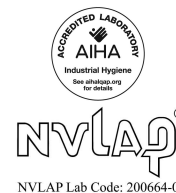
Analyst

Approved Signatory



Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and 600/M4-82-020



Customer: Pinchin Environmental Ltd
11-875 Main St West
Hamilton Ontario L8S 4R9

Attn: Michael Maiorana
David Niemand

Lab Order ID: 1407247

Analysis ID: 1407247_PLM

Date Received: 4/24/2014

Date Reported: 4/29/2014

Project: 81399.004, Hamilton Health Sciences,
West Lincoln Memorial

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
0062C	Acoustic ceiling tile, lay-in, 24" x 48", Pinhole and thick widthwise fissure pattern, Boa	None Detected	40% Cellulose 40% Fiber Glass	10% Perlite 10% Other	White Fibrous Heterogeneous
1407247PLM_224					Teased

Disclaimer: Due to the nature of the EPA 600 method, asbestos may not be detected in samples containing low levels of asbestos. We strongly recommended that analysis of floor tiles, vermiculite, and/or heterogeneous soil samples be conducted by TEM for confirmation of "None Detected" by PLM. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAI. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government. Estimated MDL is 1.0%.


Ired Gulley (305)

Analyst

Approved Signatory

1407247

Version 1-15-2012

Client:	Pinchin Environmental Ltd.	<p>*Instructions:</p> <p>Use Column "B" for your contact info</p> <p>To See an Example Click the bottom Example Tab</p> <p>Enter samples between "<<" and ">>"</p> <p>Begin Samples with a "<<" above the first sample and end with a ">>" below the last sample. Only Enter your data on the first sheet "Sheet1"</p> <p>Note: Data 1 and Data 2 are optional fields that do not show up on the official report, however they will be included in the electronic data returned to you to facilitate your reintegration of the report data.</p>	 <p>Scientific Analytical Institute</p> <p>4604 Dundas Dr. Greensboro, NC 27407 Phone: 336.292.3888 Fax: 336.292.3313 Email: lab@sailab.com</p>
Contact:	Michael Maiorana/David Niemand 875 Main Street W., Unit 11		
Address:	Hamilton, ON L8S 4R9		
Phone:	905-577-6206		
Fax:	905-577-6207		
Email:	mmaiiorana@Pinchin.com dniemand@pinchin.com		
Project:	81399.004, Hamilton Health Sciences, West Lincoln Memorial Hospital, 167 Main Street East, Grimsby, ON		
Client Notes:			
P.O. #:		81399.004	
Date Submitted:	Apr 23 2014		
Analysis:	PLM - Stop Positive		
TurnAroundTime:	4 days		

Sample Number	Data 1 (Lab use only)	Sample Description	Data 2 (Lab use only)
<<			
0001A		Texture plaster-ceiling, Storage Room, Basement (1948)	
0001B		Texture plaster-ceiling, Electrical Room, Basement (1948)	
0001C		Texture plaster-ceiling, Janitor's Room, Basement (1948)	
0001D		Texture plaster-ceiling, Laundry Room, Basement (1948)	
0001E		Texture plaster-ceiling, Storage Closet, Basement (1948)	
0001F		Texture plaster-ceiling, Storage and Server Room, Basement (1948)	
0001G		Texture plaster-ceiling, Loading Area, Basement (1948)	
0002A		Drywall joint compound-wall, Storage Room, Basement (1948)	
0002B		Drywall joint compound-bulkhead, Room #5, Basement (1948)	
0002C		Drywall joint compound-wall, Electrical Room, Basement (1948)	
0003A		White finish coat over drywall-wall, Janitor Room, Basement (1948)	
0003B		White finish coat over drywall-wall, Janitor Room, Basement (1948)	
0003C		White finish coat over drywall-wall, Janitor Room, Basement (1948)	
0004A		Smooth plaster-wall, Laundry Room, Basement (1948)	
0004B		Smooth plaster-ceiling, Office #5, Basement (1948)	
0004C		Smooth plaster-wall, Locker Room, Basement (1948)	
0004D		Smooth plaster-ceiling, Centre corridor, First floor (1948)	
0004E		Smooth plaster-wall, South corridor, First floor (1948)	
0004F		Smooth plaster-wall, Corridor, Second floor (1948)	
0004G		Smooth plaster-wall, Corridor, Second floor (1948)	
0005A		Sweatwrap on drain pipe, Laundry Room, Basement (1948)	
0005B		Sweatwrap on drain pipe, Laundry Room, Basement (1948)	
0005C		Sweatwrap on drain pipe, Laundry Room, Basement (1948)	
0006A		Vinyl floor tile, 12" x 12", Dark green with white streaks, Office #1, Basement (1948) - ONLY ANALYZE TILE & BLACK MASTIC, DO	

1407247

0006B Vinyl floor tile, 12" x 12", Dark green with white streaks, Office #1, Basement (1948) - **ONLY ANALYZE TILE & BLACK MASTIC, DO**
0006C Vinyl floor tile, 12" x 12", Dark green with white streaks, Office #1, Basement (1948) - **ONLY ANALYZE TILE & BLACK MASTIC, DO**
0007A Vinyl floor tile, 12" x 12", Yellow with white streaks, Office #1, Basement (1948) - **ONLY ANALYZE TILE, DO NOT ANALYZE MASTIC OR**
0007B Vinyl floor tile, 12" x 12", Yellow with white streaks, Office #1, Basement (1948) - **ONLY ANALYZE TILE, DO NOT ANALYZE MASTIC OR**
0007C Vinyl floor tile, 12" x 12", Yellow with white streaks, Office #1, Basement (1948) - **ONLY ANALYZE TILE, DO NOT ANALYZE MASTIC OR**
0008A Texture plaster-wall, Office #2, Basement (1948)
0008B Texture plaster-wall, Office #3, Basement (1948)
0008C Texture plaster-wall, Storage Closet, Basement (1948)
0008D Texture plaster-wall, Project Manager's Office, Basement (1948)
0008E Texture plaster-wall, Office #8, Basement (1948)
0009A Acoustic ceiling tile, lay-in, 24" x 48", Pinhole pattern and large widthwise fissure pattern, Office #2, Basement (1948)
0009B Acoustic ceiling tile, lay-in, 24" x 48", Pinhole pattern and large widthwise fissure pattern, Office #2, Basement (1948)
0009C Acoustic ceiling tile, lay-in, 24" x 48", Pinhole pattern and large widthwise fissure pattern, Office #2, Basement (1948)
0010A Drywall joint compound-wall, Maintenance shop, Basement (1948)
0010B Drywall joint compound-wall, Maintenance shop, Basement (1948)
0010C Drywall joint compound-wall, Maintenance shop, Basement (1948)
0011A **SAMPLE NUMBER NOT USED**
0011B **SAMPLE NUMBER NOT USED**
0011C **SAMPLE NUMBER NOT USED**
0012A Compound on concrete board wall, Surgery Tool Disinfection room, Basement (1948)
0012B Compound on concrete board wall, Surgery Tool Disinfection room, Basement (1948)
0012C Compound on concrete board wall, Surgery Tool Disinfection room, Basement (1948)
0013A Vinyl floor tile, 9" x 9", Green with white streaks, Locker Room, Basement (1948) - **ONLY ANALYZE TILE & BLACK MASTIC, DO NOT**
0013B Vinyl floor tile, 9" x 9", Green with white streaks, Locker Room, Basement (1948) - **ONLY ANALYZE TILE & BLACK MASTIC, DO NOT**
0013C Vinyl floor tile, 9" x 9", Green with white streaks, Locker Room, Basement (1948) - **ONLY ANALYZE TILE & BLACK MASTIC, DO NOT**
0014A Brown fibrous insulation, File storage, Basement (1948)
0014B Brown fibrous insulation, File storage, Basement (1948)
0014C Brown fibrous insulation, File storage, Basement (1948)
0015A Acoustic ceiling tile, lay-in, 24" x 48", Pinhole pattern and thin widthwise fissure pattern, Basement, Office #6 (1948)
0015B Acoustic ceiling tile, lay-in, 24" x 48", Pinhole pattern and thin widthwise fissure pattern, Basement, Office #6 (1948)
0015C Acoustic ceiling tile, lay-in, 24" x 48", Pinhole pattern and thin widthwise fissure pattern, Basement, Office #6 (1948)
0016A Acoustic ceiling tile, lay-in, 24" x 24", Pinhole pattern and thin widthwise fissure pattern, Basement, Office #7 (1948)
0016B Acoustic ceiling tile, lay-in, 24" x 24", Pinhole pattern and thin widthwise fissure pattern, Basement, Office #7 (1948)
0016C Acoustic ceiling tile, lay-in, 24" x 24", Pinhole pattern and thin widthwise fissure pattern, Basement, Office #7 (1948)
0017A Sweatwrap on drain pipe, Mechanical Room, Basement (1960)
0017B Sweatwrap on drain pipe, Mechanical Room, Basement (1960)
0017C Sweatwrap on drain pipe, Mechanical Room, Basement (1960)
0018A Texture plaster-beam, Mechanical Room, Basement (1960)
0018B Texture plaster-beam, Mechanical Room, Basement (1960)
0018C Texture plaster-beam, Mechanical Room, Basement (1960)
0019A Vinyl floor tile, 9" x 9", Beige with grey streaks, File Storage, Basement (1960) - **ONLY ANALYZE TILE & BLACK MASTIC, DO NOT**
0019B Vinyl floor tile, 9" x 9", Beige with grey streaks, File Storage, Basement (1960) - **ONLY ANALYZE TILE & BLACK MASTIC, DO NOT**
0019C Vinyl floor tile, 9" x 9", Beige with grey streaks, File Storage, Basement (1960) - **ONLY ANALYZE TILE & BLACK MASTIC, DO NOT**
0020A Smooth plaster-ceiling, Basement, File Room (1960)
0020B Smooth plaster-ceiling, Basement, Medical file Room (1960)
0020C Smooth plaster-ceiling, Basement, Accounting Department (1960)
0020D Smooth plaster-ceiling, First floor, Dressing Room (1960)
0020E Smooth plaster-wall, First floor, Staff Washroom (1960)

0020F	Smooth plaster-wall, Second floor, East corridor (1960)
0020G	Smooth plaster-wall, Second floor, West corridor (1960)
0021A	Drywall joint compound-wall, Basement, Washroom unisex (1960)
0021B	Drywall joint compound-wall, Basement, Accounting Department (1960)
0021C	Drywall joint compound-wall, Basement, CCAC Office (1960)
0022A	Vinyl floor tile, 12" x 12", Beige with thin brown streaks, Basement, Accounting Basement (1960) - ONLY ANALYZE TILE & YELLOW
0022B	Vinyl floor tile, 12" x 12", Beige with thin brown streaks, Basement, Accounting Basement (1960) - ONLY ANALYZE TILE & YELLOW
0022C	Vinyl floor tile, 12" x 12", Beige with thin brown streaks, Basement, Accounting Basement (1960) - ONLY ANALYZE TILE & YELLOW
0023A	Rough plaster ceiling above metal pan ceiling tiles, Basement, CCAC Office (1960)
0023B	Rough plaster ceiling above metal pan ceiling tiles, Basement, Conference Area (1960)
0023C	Rough plaster ceiling above metal pan ceiling tiles, Basement, Conference Area (1960)
0023D	Rough plaster ceiling above metal pan ceiling tiles, Main corridor, Basement (1960)
0023E	Rough plaster ceiling above metal pan ceiling tiles, Main corridor, Basement (1960)
0024A	Rough plaster-ceiling, Mechanical room near physio, Basement (1960)
0024B	Rough plaster-ceiling, Mechanical room near physio, Basement (1960)
0024C	Rough plaster-ceiling, Mechanical room near physio, Basement (1960)
0025A	Drywall joint compound-bulkhead, Main corridor, Basement (1960)
0025B	Drywall joint compound-bulkhead, Main corridor, Basement (1960)
0025C	Drywall joint compound-bulkhead, Main corridor, Basement (1960)
0026A	Sprayed fireproofing on beam, Mechanical Room, Basement (1993)
0026B	Sprayed fireproofing on beam, Mechanical Room, Basement (1993)
0026C	Sprayed fireproofing on beam, Mechanical Room, Basement (1993)
0027A	Vinyl floor tile, 12" x 12", Beige with thin brown streaks, Lab, Basement (1970) - ONLY ANALYZE TILE & BLACK MASTIC, DO NOT
0027B	Vinyl floor tile, 12" x 12", Beige with thin brown streaks, Lab, Basement (1970) - ONLY ANALYZE TILE & BLACK MASTIC, DO NOT
0027C	Vinyl floor tile, 12" x 12", Beige with thin brown streaks, Lab, Basement (1970) - ONLY ANALYZE TILE & BLACK MASTIC, DO NOT
0028A	Smooth plaster-wall, Lab, Basement (1970)
0028B	Smooth plaster-ceiling, Lounge, Basement (1970)
0028C	Smooth plaster-wall, Men's washroom, Basement (1970)
0028D	Smooth plaster-wall, ECL, Basement (1970)
0028E	Smooth plaster-wall, Corridor, First floor (1970)
0028F	Smooth plaster-wall, ER Area, First floor (1970)
0028G	Smooth plaster-wall, ER Area, First floor (1970)
0029A	Rough plaster ceiling above metal pan ceiling tiles, East corridor, Basement (1970)
0029B	Rough plaster ceiling above metal pan ceiling tiles, Main corridor, Basement (1970)
0029C	Rough plaster ceiling above metal pan ceiling tiles, Main corridor, Basement (1970)
0029D	Rough plaster ceiling above metal pan ceiling tiles, Palliative Care, First floor (1970)
0029E	Rough plaster ceiling above metal pan ceiling tiles, Palliative Care, First floor (1970)
0030A	Acoustic ceiling tile, lay-in, 24" x 48", Pinhole and texture pattern, ECG department, Basement (1970)
0030B	Acoustic ceiling tile, lay-in, 24" x 48", Pinhole and texture pattern, ECG department, Basement (1970)
0030C	Acoustic ceiling tile, lay-in, 24" x 48", Pinhole and texture pattern, ECG department, Basement (1970)
0031A	Sprayed fireproofing on deck and beam above ceiling, ECG department, Basement (1970)
0031B	Sprayed fireproofing on deck and beam above ceiling, ECG department, Basement (1970)
0031C	Sprayed fireproofing on deck and beam above ceiling, ECG department, Basement (1970)
0032A	Brown fibrous board above transite panel and slanted ceiling tiles, Corridor, Basement (1970)
0032B	Brown fibrous board above transite panel and slanted ceiling tiles, Corridor, Basement (1970)
0032C	Brown fibrous board above transite panel and slanted ceiling tiles, Corridor, Basement (1970)
0033A	Acoustic ceiling tile, lay-in, 24" x 48", Pinhole and widthwise fissure pattern, Central corridor, First floor (1948)
0033B	Acoustic ceiling tile, lay-in, 24" x 48", Pinhole and widthwise fissure pattern, Central corridor, First floor (1948)

- 0033C Acoustic ceiling tile, lay-in, 24" x 48", Pinhole and widthwise fissure pattern, Central corridor, First floor (1948)
- 0034A Brown mastic from old ceiling tiles on plaster ceiling, Central corridor, First floor (1948)
- 0034B Brown mastic from old ceiling tiles on plaster ceiling, Central corridor, First floor (1948)
- 0034C Brown mastic from old ceiling tiles on plaster ceiling, Central corridor, First floor (1948)
- 0035A Acoustic ceiling tile, lay-in, 24" x 48", Pinhole with widthwise fissure and texture pattern, Dr. A.S. Cam's Secretary's Office, First floor
- 0035B Acoustic ceiling tile, lay-in, 24" x 48", Pinhole with widthwise fissure and texture pattern, Dr. A.S. Cam's Secretary's Office, First floor
- 0035C Acoustic ceiling tile, lay-in, 24" x 48", Pinhole with widthwise fissure and texture pattern, Dr. A.S. Cam's Secretary's Office, First floor
- 0036A Acoustic ceiling tile, lay-in, 24" x 48", Pinhole and thick fissure pattern, Main Entrance, First Floor (1948)
- 0036B Acoustic ceiling tile, lay-in, 24" x 48", Pinhole and thick fissure pattern, Main Entrance, First Floor (1948)
- 0036C Acoustic ceiling tile, lay-in, 24" x 48", Pinhole and thick fissure pattern, Main Entrance, First Floor (1948)
- 0037A Vinyl floor tile, 12" x 12", Beige with brown streaks, Locker, First floor (1948) - **ONLY ANALYZE TILE & YELLOW MASTIC, DO NOT**
- 0037B Vinyl floor tile, 12" x 12", Beige with brown streaks, Locker, First floor (1948) - **ONLY ANALYZE TILE & YELLOW MASTIC, DO NOT**
- 0037C Vinyl floor tile, 12" x 12", Beige with brown streaks, Locker, First floor (1948) - **ONLY ANALYZE TILE & YELLOW MASTIC, DO NOT**
- 0038A Drywall joint compound-bulkhead, Lounge, First floor (1948)
- 0038B Drywall joint compound-bulkhead, Lounge, First floor (1948)
- 0038C Drywall joint compound-bulkhead, Lounge, First floor (1948)
- 0039A Drywall joint compound-wall, Mammography suite, First floor (1960)
- 0039B Drywall joint compound-wall, Mammography suite, First floor (1960)
- 0039C Drywall joint compound-wall, Mammography suite, First floor (1960)
- 0040A Vinyl sheet flooring, Brown with white streaks, Barrier free wall, First floor (1960) - **ONLY ANALYZE PAPER BACKING AND YELLOW**
- 0040B Vinyl sheet flooring, Brown with white streaks, Barrier free wall, First floor (1960) - **ONLY ANALYZE PAPER BACKING AND YELLOW**
- 0040C Vinyl sheet flooring, Brown with white streaks, Barrier free wall, First floor (1960) - **ONLY ANALYZE PAPER BACKING AND YELLOW**
- 0041A Drywall joint compound-wall, ER Area, First floor (1970)
- 0041B Drywall joint compound-wall, ER Area, First floor (1970)
- 0041C Drywall joint compound-wall, ER Area First floor (1970)
- 0042A Splined ceiling tile, 12" x 12", Wide fissure, Corridor, Second floor (1948)
- 0042B Splined ceiling tile, 12" x 12", Wide fissure, Corridor, Second floor (1948)
- 0042C Splined ceiling tile, 12" x 12", Wide fissure, Corridor, Second floor (1948)
- 0043A Vinyl sheet flooring, Orange fleck, Staff lounge, Second floor (1948) - **ONLY ANALYZE PAPER BACKING AND MASTIC**
- 0043B Vinyl sheet flooring, Orange fleck, Staff lounge, Second floor (1948) - **ONLY ANALYZE PAPER BACKING AND MASTIC**
- 0043C Vinyl sheet flooring, Orange fleck, Staff lounge, Second floor (1948) - **ONLY ANALYZE PAPER BACKING AND MASTIC**
- 0044A Vinyl floor tile, 12" x 12", Grey with brown and white streaks, Storage room, Second floor (1948) - **ONLY ANALYZE TILE & BLACK**
- 0044B Vinyl floor tile, 12" x 12", Grey with brown and white streaks, Storage room, Second floor (1948) - **ONLY ANALYZE TILE & BLACK**
- 0044C Vinyl floor tile, 12" x 12", Grey with brown and white streaks, Storage room, Second floor (1948) - **ONLY ANALYZE TILE & BLACK**
- 0045A Paper heat shield in incandescent light fixture, Storage room Second floor (1948)
- 0045B Paper heat shield in incandescent light fixture, Storage room Second floor (1948)
- 0045C Paper heat shield in incandescent light fixture, Storage room Second floor (1948)
- 0046A Vinyl sheet flooring, Grey and white square pattern, Medical storage, Second floor (1948) - **ONLY ANALYZE PAPER BACKING AND**
- 0046B Vinyl sheet flooring, Grey and white square pattern, Medical storage, Second floor (1948) - **ONLY ANALYZE PAPER BACKING AND**
- 0046C Vinyl sheet flooring, Grey and white square pattern, Medical storage, Second floor (1948) - **ONLY ANALYZE PAPER BACKING AND**
- 0047A Plaster on duct, Washroom, Second floor (1960)
- 0047B Plaster on duct, Washroom, Second floor (1960)
- 0047C Plaster on duct, Washroom, Second floor (1960)
- 0048A Drywall joint compound-bulkhead, Board room, Basement (1948)
- 0048B Drywall joint compound-bulkhead, Board room, Basement (1948)
- 0048C Drywall joint compound-bulkhead, Board room, Basement (1948)
- 0049A Fibrous sprayed fireproofing on joists & beams, Crawl space, Second floor (1948)
- 0049B Fibrous sprayed fireproofing on joists & beams, Crawl space, Second floor (1948)

0049C	Fibrous sprayed fireproofing on joists & beams, Crawl space, Second floor (1948)
0049D	Fibrous sprayed fireproofing on joists & beams, Crawl space, Second floor (1948)
0049E	Fibrous sprayed fireproofing on joists & beams, Crawl space, Second floor (1948)
0050A	Vinyl floor tile, 12" x 12", Beige with beige and grey fleck, Corridor kitchen area, First floor (1986) - ONLY ANALYZE TILE & BLACK
0050B	Vinyl floor tile, 12" x 12", Beige with beige and grey fleck, Corridor kitchen area, First floor (1986) - ONLY ANALYZE TILE & BLACK
0050C	Vinyl floor tile, 12" x 12", Beige with beige and grey fleck, Corridor kitchen area, First floor (1986) - ONLY ANALYZE TILE & BLACK
0051A	Drywall joint compound-wall, Kitchen area service corridor, First floor (1986)
0051B	Drywall joint compound-wall, Kitchen area main corridor, First floor (1986)
0051C	Drywall joint compound-wall, Electrical room, First floor (1986)
0052A	Acoustic ceiling tile, lay-in, 24" x 48", Pinhole and widthwise fissure pattern, Kitchen Area, Service corridor, First floor (1986)
0052B	Acoustic ceiling tile, lay-in, 24" x 48", Pinhole and widthwise fissure pattern, Kitchen Area, Service corridor, First floor (1986)
0052C	Acoustic ceiling tile, lay-in, 24" x 48", Pinhole and widthwise fissure pattern, Kitchen Area, Service corridor, First floor (1986)
0053A	Fibrous sprayed fireproofing on structure, Kitchen area, First floor (1986)
0053B	Fibrous sprayed fireproofing on structure, Kitchen area, First floor (1986)
0053C	Fibrous sprayed fireproofing on structure, Kitchen area, First floor (1986)
0053D	Fibrous sprayed fireproofing on structure, Kitchen area, First floor (1986)
0053E	Fibrous sprayed fireproofing on structure, Kitchen area, First floor (1986)
0054A	Acoustic ceiling tile, lay-in, 24" x 48", Pinhole pattern, Kitchen, Kitchen Area, Service corridor, First floor (1986)
0054B	Acoustic ceiling tile, lay-in, 24" x 48", Pinhole pattern, Kitchen, Kitchen Area, Service corridor, First floor (1986)
0054C	Acoustic ceiling tile, lay-in, 24" x 48", Pinhole pattern, Kitchen, Kitchen Area, Service corridor, First floor (1986)
0055A	Texture plaster on exterior wall (1948)
0055B	Texture plaster on exterior wall (1948)
0055C	Texture plaster on exterior wall (1948)
0055D	Texture plaster on exterior wall (1948)
0055E	Texture plaster on exterior wall (1948)
0055F	Texture plaster on exterior wall (1948)
0055G	Texture plaster on exterior wall (1948)
0056A	Texture plaster on exterior wall (1960)
0056B	Texture plaster on exterior wall (1960)
0056C	Texture plaster on exterior wall (1960)
0056D	Texture plaster on exterior wall (1960)
0056E	Texture plaster on exterior wall (1960)
0056F	Texture plaster on exterior wall (1960)
0056G	Texture plaster on exterior wall (1960)
0057A	Rough plaster finish on exterior, Nurses Residents (1948)
0057B	Rough plaster finish on exterior, Nurses Residents (1948)
0057C	Rough plaster finish on exterior, Nurses Residents (1948)
0058A	Smooth plaster-ceiling, Mechanical Room, Nurses Residents (1948)
0058B	Smooth plaster-wall, Mechanical Room, Nurses Residents (1948)
0058C	Smooth plaster-wall, Mechanical Room, Nurses Residents (1948)
0058D	Smooth plaster-wall, Stationary Closet, Nurses Residents (1948)
0058E	Smooth plaster-wall, Boardroom Closet, Nurses Residents (1948)
0058F	Smooth plaster-wall, Vestibule, Nurses Residents (1948)
0058G	Smooth plaster-wall, Sprinkler Room, Nurses Residents (1948)
0059A	Drywall joint compound-wall, Mechanical room, Nurses Residents (1948)
0059B	Drywall joint compound-wall, Room #13, Nurses Residents (1948)
0059C	Drywall joint compound-wall, Front entrance, Nurses Residents (1948)
0060A	Vinyl floor tile, 9" x 9", Beige with red streaks, Janitors closet, Nurses Residents, First floor (1948) - ONLY ANALYZE TILE & BLACK

1407247

0060B Vinyl floor tile, 9" x 9", Beige with red streaks, Janitors closet, Nurses Residents, First floor (1948) - **ONLY ANALYZE TILE & BLACK**
0060C Vinyl floor tile, 9" x 9", Beige with red streaks, Janitors closet, Nurses Residents, First floor (1948) - **ONLY ANALYZE TILE & BLACK**
0061A Vinyl floor tile, 12" x 12", Beige with orange streaks, Nurses Residents (West), First floor (1948) - **ONLY ANALYZE TILE & BLACK**
0061B Vinyl floor tile, 12" x 12", Beige with orange streaks, Nurses Residents (West), First floor (1948) - **ONLY ANALYZE TILE & BLACK**
0061C Vinyl floor tile, 12" x 12", Beige with orange streaks, Nurses Residents (West), First floor (1948) - **ONLY ANALYZE TILE & BLACK**
0062A Acoustic ceiling tile, lay-in, 24" x 48", Pinhole and thick widthwise fissure pattern, Board room, Nurses Residents, First floor (1948)
0062B Acoustic ceiling tile, lay-in, 24" x 48", Pinhole and thick widthwise fissure pattern, Board room, Nurses Residents, First floor (1948)
0062C Acoustic ceiling tile, lay-in, 24" x 48", Pinhole and thick widthwise fissure pattern, Board room, Nurses Residents, First floor (1948)

>>



Bulk Asbestos Analysis by Polarized Light Microscopy

Gravimetric Reduction

EPA Method: 600/R-93/116 and 600/M4-82-020

Client: Pinchin Environmental Ltd 11-875 Main St West Hamilton, Ontario L8S 4R9	Attn: Michael Maiorana David Niemand	Lab Order ID: 1407247 Date Received: 4/29/2014 Date Reported: 4/30/2014 Page: 1 of 1
Project: 81399.004, Hamilton Health Sciences, West Lincoln Memorial		

Sample ID	Description	Organic Weight Percent	Acid Soluble Weight Percent	Other Non-Asbestos Weight Percent	Asbestos Weight Percent
<i>Lab Sample ID</i>	<i>Lab Notes</i>				
022C - A	Vinyl floor tile, 12" x 12", Beige with thin brown streaks, Basement, Accounting Basement (1960)	43.4	41.2	15.4	None Detected
<i>1407247PGR_1</i>	<i>tile</i>				
037C - A	Vinyl floor tile, 12" x 12", Beige with brown streaks, Locker, First floor (1948)	39.9	40.0	20.1	None Detected
<i>1407247PGR_2</i>	<i>tile</i>				
050C - A	Vinyl floor tile, 12" x 12", Beige with beige and grey fleck, Corridor kitchen area, First floor (1986)	17.6	79.4	3.0	None Detected
<i>1407247PGR_3</i>	<i>tile</i>				
061C - A	Vinyl floor tile, 12" x 12", Beige with orange streaks, Nurses Residents (West), First floor (1948)	22.7	57.3	20.0	None Detected
<i>1407247PGR_4</i>	<i>tile</i>				


Ired Gulley

Analyst

Lab Director

1407247

Version 1-15-2012

<p>Client: Pinchin Environmental Ltd. Contact: Michael Maiorana/David Niemand 875 Main Street W., Unit 11 Address: Hamilton, ON L8S 4R9 Phone: 905-577-6206 Fax: 905-577-6207 Email: mmaiorana@Pinchin.com dniemand@pinchin.com Project: 81399.004, Hamilton Health Sciences, West Lincoln Memorial Hospital, 167 Main Street East, Grimsby, ON</p> <p>Client Notes:</p> <p>P.O. #: 81399.004</p> <p>Date Submitted: Apr 23 2014</p> <p>Analysis: PLM - Stop Positive</p> <p>TurnAroundTime: 4 days</p>	<p>*Instructions: <i>Use Column "B" for your contact info</i></p> <p><i>To See an Example Click the bottom Example Tab</i></p> <p>Enter samples between "<<" and ">>"</p> <p>Begin Samples with a "<<" above the first sample and end with a ">>" below the last sample. Only Enter your data on the first sheet "Sheet1"</p> <p><i>Note: Data 1 and Data 2 are optional fields that do not show up on the official report, however they will be included in the electronic data returned to you to facilitate your reintegration of the report data.</i></p>	 Scientific Analytical Institute 4604 Dundas Dr. Greensboro, NC 27407 Phone: 336.292.3888 Fax: 336.292.3313 Email: lab@sailab.com
--	---	---

Sample Number	Data 1 (Lab use only)	Sample Description	Data 2 (Lab use only)
<<			
0001A		Texture plaster-ceiling, Storage Room, Basement (1948)	
0001B		Texture plaster-ceiling, Electrical Room, Basement (1948)	
0001C		Texture plaster-ceiling, Janitor's Room, Basement (1948)	
0001D		Texture plaster-ceiling, Laundry Room, Basement (1948)	
0001E		Texture plaster-ceiling, Storage Closet, Basement (1948)	
0001F		Texture plaster-ceiling, Storage and Server Room, Basement (1948)	
0001G		Texture plaster-ceiling, Loading Area, Basement (1948)	
0002A		Drywall joint compound-wall, Storage Room, Basement (1948)	
0002B		Drywall joint compound-bulkhead, Room #5, Basement (1948)	
0002C		Drywall joint compound-wall, Electrical Room, Basement (1948)	
0003A		White finish coat over drywall-wall, Janitor Room, Basement (1948)	
0003B		White finish coat over drywall-wall, Janitor Room, Basement (1948)	
0003C		White finish coat over drywall-wall, Janitor Room, Basement (1948)	
0004A		Smooth plaster-wall, Laundry Room, Basement (1948)	
0004B		Smooth plaster-ceiling, Office #5, Basement (1948)	
0004C		Smooth plaster-wall, Locker Room, Basement (1948)	
0004D		Smooth plaster-ceiling, Centre corridor, First floor (1948)	
0004E		Smooth plaster-wall, South corridor, First floor (1948)	
0004F		Smooth plaster-wall, Corridor, Second floor (1948)	
0004G		Smooth plaster-wall, Corridor, Second floor (1948)	
0005A		Sweatwrap on drain pipe, Laundry Room, Basement (1948)	
0005B		Sweatwrap on drain pipe, Laundry Room, Basement (1948)	
0005C		Sweatwrap on drain pipe, Laundry Room, Basement (1948)	
0006A		Vinyl floor tile, 12" x 12", Dark green with white streaks, Office #1, Basement (1948) - ONLY ANALYZE TILE & BLACK MASTIC, DO	

1407247

0006B Vinyl floor tile, 12" x 12", Dark green with white streaks, Office #1, Basement (1948) - **ONLY ANALYZE TILE & BLACK MASTIC, DO**
0006C Vinyl floor tile, 12" x 12", Dark green with white streaks, Office #1, Basement (1948) - **ONLY ANALYZE TILE & BLACK MASTIC, DO**
0007A Vinyl floor tile, 12" x 12", Yellow with white streaks, Office #1, Basement (1948) - **ONLY ANALYZE TILE, DO NOT ANALYZE MASTIC OR**
0007B Vinyl floor tile, 12" x 12", Yellow with white streaks, Office #1, Basement (1948) - **ONLY ANALYZE TILE, DO NOT ANALYZE MASTIC OR**
0007C Vinyl floor tile, 12" x 12", Yellow with white streaks, Office #1, Basement (1948) - **ONLY ANALYZE TILE, DO NOT ANALYZE MASTIC OR**
0008A Texture plaster-wall, Office #2, Basement (1948)
0008B Texture plaster-wall, Office #3, Basement (1948)
0008C Texture plaster-wall, Storage Closet, Basement (1948)
0008D Texture plaster-wall, Project Manager's Office, Basement (1948)
0008E Texture plaster-wall, Office #8, Basement (1948)
0009A Acoustic ceiling tile, lay-in, 24" x 48", Pinhole pattern and large widthwise fissure pattern, Office #2, Basement (1948)
0009B Acoustic ceiling tile, lay-in, 24" x 48", Pinhole pattern and large widthwise fissure pattern, Office #2, Basement (1948)
0009C Acoustic ceiling tile, lay-in, 24" x 48", Pinhole pattern and large widthwise fissure pattern, Office #2, Basement (1948)
0010A Drywall joint compound-wall, Maintenance shop, Basement (1948)
0010B Drywall joint compound-wall, Maintenance shop, Basement (1948)
0010C Drywall joint compound-wall, Maintenance shop, Basement (1948)
0011A **SAMPLE NUMBER NOT USED**
0011B **SAMPLE NUMBER NOT USED**
0011C **SAMPLE NUMBER NOT USED**
0012A Compound on concrete board wall, Surgery Tool Disinfection room, Basement (1948)
0012B Compound on concrete board wall, Surgery Tool Disinfection room, Basement (1948)
0012C Compound on concrete board wall, Surgery Tool Disinfection room, Basement (1948)
0013A Vinyl floor tile, 9" x 9", Green with white streaks, Locker Room, Basement (1948) - **ONLY ANALYZE TILE & BLACK MASTIC, DO NOT**
0013B Vinyl floor tile, 9" x 9", Green with white streaks, Locker Room, Basement (1948) - **ONLY ANALYZE TILE & BLACK MASTIC, DO NOT**
0013C Vinyl floor tile, 9" x 9", Green with white streaks, Locker Room, Basement (1948) - **ONLY ANALYZE TILE & BLACK MASTIC, DO NOT**
0014A Brown fibrous insulation, File storage, Basement (1948)
0014B Brown fibrous insulation, File storage, Basement (1948)
0014C Brown fibrous insulation, File storage, Basement (1948)
0015A Acoustic ceiling tile, lay-in, 24" x 48", Pinhole pattern and thin widthwise fissure pattern, Basement, Office #6 (1948)
0015B Acoustic ceiling tile, lay-in, 24" x 48", Pinhole pattern and thin widthwise fissure pattern, Basement, Office #6 (1948)
0015C Acoustic ceiling tile, lay-in, 24" x 48", Pinhole pattern and thin widthwise fissure pattern, Basement, Office #6 (1948)
0016A Acoustic ceiling tile, lay-in, 24" x 24", Pinhole pattern and thin widthwise fissure pattern, Basement, Office #7 (1948)
0016B Acoustic ceiling tile, lay-in, 24" x 24", Pinhole pattern and thin widthwise fissure pattern, Basement, Office #7 (1948)
0016C Acoustic ceiling tile, lay-in, 24" x 24", Pinhole pattern and thin widthwise fissure pattern, Basement, Office #7 (1948)
0017A Sweatwrap on drain pipe, Mechanical Room, Basement (1960)
0017B Sweatwrap on drain pipe, Mechanical Room, Basement (1960)
0017C Sweatwrap on drain pipe, Mechanical Room, Basement (1960)
0018A Texture plaster-beam, Mechanical Room, Basement (1960)
0018B Texture plaster-beam, Mechanical Room, Basement (1960)
0018C Texture plaster-beam, Mechanical Room, Basement (1960)
0019A Vinyl floor tile, 9" x 9", Beige with grey streaks, File Storage, Basement (1960) - **ONLY ANALYZE TILE & BLACK MASTIC, DO NOT**
0019B Vinyl floor tile, 9" x 9", Beige with grey streaks, File Storage, Basement (1960) - **ONLY ANALYZE TILE & BLACK MASTIC, DO NOT**
0019C Vinyl floor tile, 9" x 9", Beige with grey streaks, File Storage, Basement (1960) - **ONLY ANALYZE TILE & BLACK MASTIC, DO NOT**
0020A Smooth plaster-ceiling, Basement, File Room (1960)
0020B Smooth plaster-ceiling, Basement, Medical file Room (1960)
0020C Smooth plaster-ceiling, Basement, Accounting Department (1960)
0020D Smooth plaster-ceiling, First floor, Dressing Room (1960)
0020E Smooth plaster-wall, First floor, Staff Washroom (1960)

0020F	Smooth plaster-wall, Second floor, East corridor (1960)
0020G	Smooth plaster-wall, Second floor, West corridor (1960)
0021A	Drywall joint compound-wall, Basement, Washroom unisex (1960)
0021B	Drywall joint compound-wall, Basement, Accounting Department (1960)
0021C	Drywall joint compound-wall, Basement, CCAC Office (1960)
0022A	Vinyl floor tile, 12" x 12", Beige with thin brown streaks, Basement, Accounting Basement (1960) - ONLY ANALYZE TILE & YELLOW
0022B	Vinyl floor tile, 12" x 12", Beige with thin brown streaks, Basement, Accounting Basement (1960) - ONLY ANALYZE TILE & YELLOW
0022C	Vinyl floor tile, 12" x 12", Beige with thin brown streaks, Basement, Accounting Basement (1960) - ONLY ANALYZE TILE & YELLOW
0023A	Rough plaster ceiling above metal pan ceiling tiles, Basement, CCAC Office (1960)
0023B	Rough plaster ceiling above metal pan ceiling tiles, Basement, Conference Area (1960)
0023C	Rough plaster ceiling above metal pan ceiling tiles, Basement, Conference Area (1960)
0023D	Rough plaster ceiling above metal pan ceiling tiles, Main corridor, Basement (1960)
0023E	Rough plaster ceiling above metal pan ceiling tiles, Main corridor, Basement (1960)
0024A	Rough plaster-ceiling, Mechanical room near physio, Basement (1960)
0024B	Rough plaster-ceiling, Mechanical room near physio, Basement (1960)
0024C	Rough plaster-ceiling, Mechanical room near physio, Basement (1960)
0025A	Drywall joint compound-bulkhead, Main corridor, Basement (1960)
0025B	Drywall joint compound-bulkhead, Main corridor, Basement (1960)
0025C	Drywall joint compound-bulkhead, Main corridor, Basement (1960)
0026A	Sprayed fireproofing on beam, Mechanical Room, Basement (1993)
0026B	Sprayed fireproofing on beam, Mechanical Room, Basement (1993)
0026C	Sprayed fireproofing on beam, Mechanical Room, Basement (1993)
0027A	Vinyl floor tile, 12" x 12", Beige with thin brown streaks, Lab, Basement (1970) - ONLY ANALYZE TILE & BLACK MASTIC, DO NOT
0027B	Vinyl floor tile, 12" x 12", Beige with thin brown streaks, Lab, Basement (1970) - ONLY ANALYZE TILE & BLACK MASTIC, DO NOT
0027C	Vinyl floor tile, 12" x 12", Beige with thin brown streaks, Lab, Basement (1970) - ONLY ANALYZE TILE & BLACK MASTIC, DO NOT
0028A	Smooth plaster-wall, Lab, Basement (1970)
0028B	Smooth plaster-ceiling, Lounge, Basement (1970)
0028C	Smooth plaster-wall, Men's washroom, Basement (1970)
0028D	Smooth plaster-wall, ECL, Basement (1970)
0028E	Smooth plaster-wall, Corridor, First floor (1970)
0028F	Smooth plaster-wall, ER Area, First floor (1970)
0028G	Smooth plaster-wall, ER Area, First floor (1970)
0029A	Rough plaster ceiling above metal pan ceiling tiles, East corridor, Basement (1970)
0029B	Rough plaster ceiling above metal pan ceiling tiles, Main corridor, Basement (1970)
0029C	Rough plaster ceiling above metal pan ceiling tiles, Main corridor, Basement (1970)
0029D	Rough plaster ceiling above metal pan ceiling tiles, Palliative Care, First floor (1970)
0029E	Rough plaster ceiling above metal pan ceiling tiles, Palliative Care, First floor (1970)
0030A	Acoustic ceiling tile, lay-in, 24" x 48", Pinhole and texture pattern, ECG department, Basement (1970)
0030B	Acoustic ceiling tile, lay-in, 24" x 48", Pinhole and texture pattern, ECG department, Basement (1970)
0030C	Acoustic ceiling tile, lay-in, 24" x 48", Pinhole and texture pattern, ECG department, Basement (1970)
0031A	Sprayed fireproofing on deck and beam above ceiling, ECG department, Basement (1970)
0031B	Sprayed fireproofing on deck and beam above ceiling, ECG department, Basement (1970)
0031C	Sprayed fireproofing on deck and beam above ceiling, ECG department, Basement (1970)
0032A	Brown fibrous board above transite panel and slanted ceiling tiles, Corridor, Basement (1970)
0032B	Brown fibrous board above transite panel and slanted ceiling tiles, Corridor, Basement (1970)
0032C	Brown fibrous board above transite panel and slanted ceiling tiles, Corridor, Basement (1970)
0033A	Acoustic ceiling tile, lay-in, 24" x 48", Pinhole and widthwise fissure pattern, Central corridor, First floor (1948)
0033B	Acoustic ceiling tile, lay-in, 24" x 48", Pinhole and widthwise fissure pattern, Central corridor, First floor (1948)

- 0033C Acoustic ceiling tile, lay-in, 24" x 48", Pinhole and widthwise fissure pattern, Central corridor, First floor (1948)
- 0034A Brown mastic from old ceiling tiles on plaster ceiling, Central corridor, First floor (1948)
- 0034B Brown mastic from old ceiling tiles on plaster ceiling, Central corridor, First floor (1948)
- 0034C Brown mastic from old ceiling tiles on plaster ceiling, Central corridor, First floor (1948)
- 0035A Acoustic ceiling tile, lay-in, 24" x 48", Pinhole with widthwise fissure and texture pattern, Dr. A.S. Cam's Secretary's Office, First floor
- 0035B Acoustic ceiling tile, lay-in, 24" x 48", Pinhole with widthwise fissure and texture pattern, Dr. A.S. Cam's Secretary's Office, First floor
- 0035C Acoustic ceiling tile, lay-in, 24" x 48", Pinhole with widthwise fissure and texture pattern, Dr. A.S. Cam's Secretary's Office, First floor
- 0036A Acoustic ceiling tile, lay-in, 24" x 48", Pinhole and thick fissure pattern, Main Entrance, First Floor (1948)
- 0036B Acoustic ceiling tile, lay-in, 24" x 48", Pinhole and thick fissure pattern, Main Entrance, First Floor (1948)
- 0036C Acoustic ceiling tile, lay-in, 24" x 48", Pinhole and thick fissure pattern, Main Entrance, First Floor (1948)
- 0037A Vinyl floor tile, 12" x 12", Beige with brown streaks, Locker, First floor (1948) - **ONLY ANALYZE TILE & YELLOW MASTIC, DO NOT**
- 0037B Vinyl floor tile, 12" x 12", Beige with brown streaks, Locker, First floor (1948) - **ONLY ANALYZE TILE & YELLOW MASTIC, DO NOT**
- 0037C Vinyl floor tile, 12" x 12", Beige with brown streaks, Locker, First floor (1948) - **ONLY ANALYZE TILE & YELLOW MASTIC, DO NOT**
- 0038A Drywall joint compound-bulkhead, Lounge, First floor (1948)
- 0038B Drywall joint compound-bulkhead, Lounge, First floor (1948)
- 0038C Drywall joint compound-bulkhead, Lounge, First floor (1948)
- 0039A Drywall joint compound-wall, Mammography suite, First floor (1960)
- 0039B Drywall joint compound-wall, Mammography suite, First floor (1960)
- 0039C Drywall joint compound-wall, Mammography suite, First floor (1960)
- 0040A Vinyl sheet flooring, Brown with white streaks, Barrier free wall, First floor (1960) - **ONLY ANALYZE PAPER BACKING AND YELLOW**
- 0040B Vinyl sheet flooring, Brown with white streaks, Barrier free wall, First floor (1960) - **ONLY ANALYZE PAPER BACKING AND YELLOW**
- 0040C Vinyl sheet flooring, Brown with white streaks, Barrier free wall, First floor (1960) - **ONLY ANALYZE PAPER BACKING AND YELLOW**
- 0041A Drywall joint compound-wall, ER Area, First floor (1970)
- 0041B Drywall joint compound-wall, ER Area, First floor (1970)
- 0041C Drywall joint compound-wall, ER Area First floor (1970)
- 0042A Splined ceiling tile, 12" x 12", Wide fissure, Corridor, Second floor (1948)
- 0042B Splined ceiling tile, 12" x 12", Wide fissure, Corridor, Second floor (1948)
- 0042C Splined ceiling tile, 12" x 12", Wide fissure, Corridor, Second floor (1948)
- 0043A Vinyl sheet flooring, Orange fleck, Staff lounge, Second floor (1948) - **ONLY ANALYZE PAPER BACKING AND MASTIC**
- 0043B Vinyl sheet flooring, Orange fleck, Staff lounge, Second floor (1948) - **ONLY ANALYZE PAPER BACKING AND MASTIC**
- 0043C Vinyl sheet flooring, Orange fleck, Staff lounge, Second floor (1948) - **ONLY ANALYZE PAPER BACKING AND MASTIC**
- 0044A Vinyl floor tile, 12" x 12", Grey with brown and white streaks, Storage room, Second floor (1948) - **ONLY ANALYZE TILE & BLACK**
- 0044B Vinyl floor tile, 12" x 12", Grey with brown and white streaks, Storage room, Second floor (1948) - **ONLY ANALYZE TILE & BLACK**
- 0044C Vinyl floor tile, 12" x 12", Grey with brown and white streaks, Storage room, Second floor (1948) - **ONLY ANALYZE TILE & BLACK**
- 0045A Paper heat shield in incandescent light fixture, Storage room Second floor (1948)
- 0045B Paper heat shield in incandescent light fixture, Storage room Second floor (1948)
- 0045C Paper heat shield in incandescent light fixture, Storage room Second floor (1948)
- 0046A Vinyl sheet flooring, Grey and white square pattern, Medical storage, Second floor (1948) - **ONLY ANALYZE PAPER BACKING AND**
- 0046B Vinyl sheet flooring, Grey and white square pattern, Medical storage, Second floor (1948) - **ONLY ANALYZE PAPER BACKING AND**
- 0046C Vinyl sheet flooring, Grey and white square pattern, Medical storage, Second floor (1948) - **ONLY ANALYZE PAPER BACKING AND**
- 0047A Plaster on duct, Washroom, Second floor (1960)
- 0047B Plaster on duct, Washroom, Second floor (1960)
- 0047C Plaster on duct, Washroom, Second floor (1960)
- 0048A Drywall joint compound-bulkhead, Board room, Basement (1948)
- 0048B Drywall joint compound-bulkhead, Board room, Basement (1948)
- 0048C Drywall joint compound-bulkhead, Board room, Basement (1948)
- 0049A Fibrous sprayed fireproofing on joists & beams, Crawl space, Second floor (1948)
- 0049B Fibrous sprayed fireproofing on joists & beams, Crawl space, Second floor (1948)

0049C	Fibrous sprayed fireproofing on joists & beams, Crawl space, Second floor (1948)
0049D	Fibrous sprayed fireproofing on joists & beams, Crawl space, Second floor (1948)
0049E	Fibrous sprayed fireproofing on joists & beams, Crawl space, Second floor (1948)
0050A	Vinyl floor tile, 12" x 12", Beige with beige and grey fleck, Corridor kitchen area, First floor (1986) - ONLY ANALYZE TILE & BLACK
0050B	Vinyl floor tile, 12" x 12", Beige with beige and grey fleck, Corridor kitchen area, First floor (1986) - ONLY ANALYZE TILE & BLACK
0050C	Vinyl floor tile, 12" x 12", Beige with beige and grey fleck, Corridor kitchen area, First floor (1986) - ONLY ANALYZE TILE & BLACK
0051A	Drywall joint compound-wall, Kitchen area service corridor, First floor (1986)
0051B	Drywall joint compound-wall, Kitchen area main corridor, First floor (1986)
0051C	Drywall joint compound-wall, Electrical room, First floor (1986)
0052A	Acoustic ceiling tile, lay-in, 24" x 48", Pinhole and widthwise fissure pattern, Kitchen Area, Service corridor, First floor (1986)
0052B	Acoustic ceiling tile, lay-in, 24" x 48", Pinhole and widthwise fissure pattern, Kitchen Area, Service corridor, First floor (1986)
0052C	Acoustic ceiling tile, lay-in, 24" x 48", Pinhole and widthwise fissure pattern, Kitchen Area, Service corridor, First floor (1986)
0053A	Fibrous sprayed fireproofing on structure, Kitchen area, First floor (1986)
0053B	Fibrous sprayed fireproofing on structure, Kitchen area, First floor (1986)
0053C	Fibrous sprayed fireproofing on structure, Kitchen area, First floor (1986)
0053D	Fibrous sprayed fireproofing on structure, Kitchen area, First floor (1986)
0053E	Fibrous sprayed fireproofing on structure, Kitchen area, First floor (1986)
0054A	Acoustic ceiling tile, lay-in, 24" x 48", Pinhole pattern, Kitchen, Kitchen Area, Service corridor, First floor (1986)
0054B	Acoustic ceiling tile, lay-in, 24" x 48", Pinhole pattern, Kitchen, Kitchen Area, Service corridor, First floor (1986)
0054C	Acoustic ceiling tile, lay-in, 24" x 48", Pinhole pattern, Kitchen, Kitchen Area, Service corridor, First floor (1986)
0055A	Texture plaster on exterior wall (1948)
0055B	Texture plaster on exterior wall (1948)
0055C	Texture plaster on exterior wall (1948)
0055D	Texture plaster on exterior wall (1948)
0055E	Texture plaster on exterior wall (1948)
0055F	Texture plaster on exterior wall (1948)
0055G	Texture plaster on exterior wall (1948)
0056A	Texture plaster on exterior wall (1960)
0056B	Texture plaster on exterior wall (1960)
0056C	Texture plaster on exterior wall (1960)
0056D	Texture plaster on exterior wall (1960)
0056E	Texture plaster on exterior wall (1960)
0056F	Texture plaster on exterior wall (1960)
0056G	Texture plaster on exterior wall (1960)
0057A	Rough plaster finish on exterior, Nurses Residents (1948)
0057B	Rough plaster finish on exterior, Nurses Residents (1948)
0057C	Rough plaster finish on exterior, Nurses Residents (1948)
0058A	Smooth plaster-ceiling, Mechanical Room, Nurses Residents (1948)
0058B	Smooth plaster-wall, Mechanical Room, Nurses Residents (1948)
0058C	Smooth plaster-wall, Mechanical Room, Nurses Residents (1948)
0058D	Smooth plaster-wall, Stationary Closet, Nurses Residents (1948)
0058E	Smooth plaster-wall, Boardroom Closet, Nurses Residents (1948)
0058F	Smooth plaster-wall, Vestibule, Nurses Residents (1948)
0058G	Smooth plaster-wall, Sprinkler Room, Nurses Residents (1948)
0059A	Drywall joint compound-wall, Mechanical room, Nurses Residents (1948)
0059B	Drywall joint compound-wall, Room #13, Nurses Residents (1948)
0059C	Drywall joint compound-wall, Front entrance, Nurses Residents (1948)
0060A	Vinyl floor tile, 9" x 9", Beige with red streaks, Janitors closet, Nurses Residents, First floor (1948) - ONLY ANALYZE TILE & BLACK

1407247

0060B Vinyl floor tile, 9" x 9", Beige with red streaks, Janitors closet, Nurses Residents, First floor (1948) - **ONLY ANALYZE TILE & BLACK**
0060C Vinyl floor tile, 9" x 9", Beige with red streaks, Janitors closet, Nurses Residents, First floor (1948) - **ONLY ANALYZE TILE & BLACK**
0061A Vinyl floor tile, 12" x 12", Beige with orange streaks, Nurses Residents (West), First floor (1948) - **ONLY ANALYZE TILE & BLACK**
0061B Vinyl floor tile, 12" x 12", Beige with orange streaks, Nurses Residents (West), First floor (1948) - **ONLY ANALYZE TILE & BLACK**
0061C Vinyl floor tile, 12" x 12", Beige with orange streaks, Nurses Residents (West), First floor (1948) - **ONLY ANALYZE TILE & BLACK**
0062A Acoustic ceiling tile, lay-in, 24" x 48", Pinhole and thick widthwise fissure pattern, Board room, Nurses Residents, First floor (1948)
0062B Acoustic ceiling tile, lay-in, 24" x 48", Pinhole and thick widthwise fissure pattern, Board room, Nurses Residents, First floor (1948)
0062C Acoustic ceiling tile, lay-in, 24" x 48", Pinhole and thick widthwise fissure pattern, Board room, Nurses Residents, First floor (1948)

>>



Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

Project Name:	West Lincoln Memorial Hospital, 167 Main Street East, Grimsby, ON		
Project No.:	115166.039		
Prepared For:	R. Bertin-Fenney / D. Palus		
Lab Reference No.:	b162063		
Analyst(s):	J. Dacquel		
Date Received:	November 30, 2016	# Samples submitted:	3
Date Analyzed:	December 7, 2016	# Phases analyzed:	6

Method of Analysis:

EPA 600/R-93/116 - Method for the Determination of Asbestos in Bulk Building Materials dated July, 1993

Bulk samples are checked visually and scanned under a stereomicroscope. Slides are prepared and observed under a Polarized Light Microscope (PLM) at magnifications of 40X, 100X or 400X as appropriate. Asbestos fibres are identified by a combination of morphology, colour, refractive index, extinction, sign of elongation, birefringence and dispersion staining colours. A visual estimate is made of the percentage of asbestos present. A reported concentration of less than (<) the regulatory threshold (see chart below) indicates the presence of confirmed asbestos in trace quantities, limited to only a few fibres or fibre bundles in an entire sample. This method complies with provincial regulatory requirements where applicable. Multiple phases within a sample are analyzed and reported separately.

Provincial Jurisdiction	Regulatory Threshold	Provincial Jurisdiction	Regulatory Threshold
Ontario, British Columbia, Nova Scotia	0.5%	Manitoba	0.1% friable 1% non-friable
Quebec	0.1%	Saskatchewan	0.5% friable 1% non-friable
Alberta, NWT, Yukon, Nunavut	1%	Newfoundland and Labrador, PEI and New Brunswick	1%

All bulk samples submitted to this laboratory for asbestos analysis are retained for a minimum of three months. Samples may be retrieved, upon request, for re-examination at any time during that period.

Pinchin Ltd. is accredited by the National Institute of Standards and Technology, National Voluntary Laboratory Accreditation Program (NVLAP Lab Code 101270-0) for the 'EPA-600/M4-82-020: Interim Method for the Determination of Asbestos in Bulk Insulation Samples,' and the 'EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials'; and meets all requirements of ISO/IEC 17025:2005.

This report relates only to the items tested.

NOTE: *This test report may not be reproduced, except in full, without the written approval of the laboratory. The client may not use this report to claim product endorsement by NVLAP or any agency of the U.S. Government. This report is valid only when signed in blue ink by the analyst. Vinyl asbestos floor tiles contain very fine fibres of asbestos and may be missed by some laboratories using the PLM method. Internal verification studies performed by Pinchin indicate that the chance of missing asbestos in floor tiles is no higher than about 2%. The vinyl tile study and laboratory documentation on measurement uncertainty is available upon request. The analysis of dust samples by PLM cannot be used as an indicator of past or present airborne asbestos fibre levels.*



**Pinchin Ltd. Asbestos Laboratory
Certificate of Analysis**

Project Name: West Lincoln Memorial Hospital, 167 Main Street East, Grimsby, ON
Project No.: 115166.039
Prepared For: R. Bertin-Fenney / D. Palus

Lab Reference No.: b162063
Date Analyzed: December 7, 2016

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
0001A Smooth plaster on fiber board, Washroom in Room 1	a) Homogeneous, grey, hard, cementitious, plaster base coat.	None Detected	Cellulose 0.5-5% Non-Fibrous Material > 75%
	b) Homogeneous, white, hard, cementitious, plaster top coat.	None Detected	Non-Fibrous Material > 75%
Comments:	Cellulose is present on the surface of this sample.		
0001B Smooth plaster on fiber board, Washroom in Room 1	a) Homogeneous, grey, hard, cementitious, plaster base coat.	None Detected	Cellulose 0.5-5% Non-Fibrous Material > 75%
	b) Homogeneous, white, hard, cementitious, plaster top coat.	None Detected	Non-Fibrous Material > 75%
Comments:	Cellulose is present on the surface of this sample.		
0001C Smooth plaster on fiber board, Washroom in Room 1	a) Homogeneous, grey, hard, cementitious, plaster base coat.	None Detected	Cellulose 0.5-5% Non-Fibrous Material > 75%
	b) Homogeneous, white, hard, cementitious, plaster top coat.	None Detected	Non-Fibrous Material > 75%
Comments:	Cellulose is present on the surface of this sample.		

Reviewed by:

Reporting Analyst:



MEMBER OF HAM
 Analyzed by: [Signature]
 Reviewed by: [Signature]
 Report Sent by: [Signature]

**Pinchin Ltd. - Asbestos Laboratory
 Internal Asbestos Bulk Sample Chain of Custody**

Client Name:	West Lincoln Memeorial Hospital	Project Address:	167 Main Street East, Grimsby, ON
Portfolio/Building No:		Pinchin File:	115166.039
Submitted by:	Robert Bertin-Fenney	Email:	rbertin-fenney@pinchin.com
CC Results to:	Damian Palus	CC Email:	dpalus@pinchin.com
Invoice to:	Robert Bertin-Fenney	Invoice Email:	rbertin-fenney@pinchin.com
Date Submitted:	November 28 2016	Required by:	December 5 2016
# of Samples:	3	Priority:	5 Day Turnaround
Year of Building Construction (Mandatory Field):			
Do NOT Stop on Positive (Sample Numbers):			
Pinchin Group Company (Mandatory Field):	Pinchin		

To be Completed by Lab Personnel Only:

Lab Reference #:	6162063	Time:	24 hour clock		
Received by:	NOV 30 2016 EL	Date:	Month	Day	Year
Name(s) of Analyst(s):	M. Macaul		DEC. 7, 2016		

Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
	0001	A	Smooth plaster on fiber board, Washroom in Room 1 a.) ND b.) ND
	0001	B	Smooth plaster on fiber board, Washroom in Room 1 a.) ND b.) ND
	0001	C	Smooth plaster on fiber board, Washroom in Room 1 a.) ND b.) ND



Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

Project Name:	Hamilton Health Sciences Centre, West Lincoln Memorial Hospital 169 Main St E, Grimsby, Ontario		
Project No.:	0217420.005		
Prepared For:	S. Holmquist / M. Maiorana		
	Date Received:	February 15, 2018	
Lab Reference No.:	b184586	Date Analyzed:	February 15, 2018
Analyst(s):	A. Wells, A. Williams	# Samples submitted:	3
		# Phases analyzed:	13

Method of Analysis:

EPA 600/R-93/116 - Method for the Determination of Asbestos in Bulk Building Materials dated July, 1993

Bulk samples are checked visually and scanned under a stereomicroscope. Slides are prepared and observed under a Polarized Light Microscope (PLM) at magnifications of 40X, 100X or 400X as appropriate. Asbestos fibres are identified by a combination of morphology, colour, refractive index, extinction, sign of elongation, birefringence and dispersion staining colours. A visual estimate is made of the percentage of asbestos present. A reported concentration of less than (<) the regulatory threshold (see chart below) indicates the presence of confirmed asbestos in trace quantities, limited to only a few fibres or fibre bundles in an entire sample. This method complies with provincial regulatory requirements where applicable. Multiple phases within a sample are analyzed and reported separately.

Provincial Jurisdiction	Regulatory Threshold	Provincial Jurisdiction	Regulatory Threshold
Ontario, British Columbia, Nova Scotia	0.5%	Manitoba	0.1% friable 1% non-friable
Quebec	0.1%	Saskatchewan	0.5% friable 1% non-friable
Alberta, NWT, Yukon, Nunavut	1%	Newfoundland and Labrador, PEI and New Brunswick	1%

All bulk samples submitted to this laboratory for asbestos analysis are retained for a minimum of three months. Samples may be retrieved, upon request, for re-examination at any time during that period.

Pinchin Ltd. is accredited by the National Institute of Standards and Technology, National Voluntary Laboratory Accreditation Program (NVLAP Lab Code 101270-0) for the 'EPA-600/M4-82-020: Interim Method for the Determination of Asbestos in Bulk Insulation Samples,' and the 'EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials'; and meets all requirements of ISO/IEC 17025:2005.

This report relates only to the items tested.

NOTE: *This test report may not be reproduced, except in full, without the written approval of the laboratory. The client may not use this report to claim product endorsement by NVLAP or any agency of the U.S. Government. This report is valid only when signed in blue ink by the analyst. Vinyl asbestos floor tiles contain very fine fibres of asbestos and may be missed by some laboratories using the PLM method. Internal verification studies performed by Pinchin indicate that the chance of missing asbestos in floor tiles is no higher than about 2%. The vinyl tile study and laboratory documentation on measurement uncertainty is available upon request. The analysis of dust samples by PLM cannot be used as an indicator of past or present airborne asbestos fibre levels.*



**Pinchin Ltd. Asbestos Laboratory
Certificate of Analysis**

Project Name: Hamilton Health Sciences Centre, West Lincoln Memorial Hospital
169 Main St E, Grimsby, Ontario
Project No.: 0217420.005
Prepared For: S. Holmquist / M. Maiorana
Lab Reference No.: b184586
Date Analyzed: February 15, 2018

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S079A Roofing - Boiler Room Roof	5 Phases:		
	a) Homogeneous, beige, hard, cementitious material.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, black, hard tar material.	None Detected	Tar and other non-fibrous > 75%
	c) Homogeneous, black, hard, tar impregnated, compressed fibrous material.	None Detected	Cellulose 50-75% Tar and other non-fibrous 25-50%
	d) Homogeneous, black, soft, layered tar material.	None Detected	Tar and other non-fibrous > 75%
	e) Homogeneous, black, layered tar impregnated, compressed fibrous material.	None Detected	Cellulose 50-75% Tar and other non-fibrous 25-50%
Comments:	Cellulose is present on the surface of this sample.		



**Pinchin Ltd. Asbestos Laboratory
Certificate of Analysis**

Project Name: Hamilton Health Sciences Centre, West Lincoln Memorial Hospital
 169 Main St E, Grimsby, Ontario
Project No.: 0217420.005
Prepared For: S. Holmquist / M. Maiorana
Lab Reference No.: b184586
Date Analyzed: February 15, 2018

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S079B Roofing - Boiler Room Roof	4 Phases:		
	a) Homogeneous, black, hard tar material.	None Detected	Tar and other non-fibrous > 75%
	b) Homogeneous, black, hard, tar impregnated, compressed fibrous material.	None Detected	Cellulose 50-75% Tar and other non-fibrous 25-50%
	c) Homogeneous, black, soft, layered tar material.	None Detected	Tar and other non-fibrous > 75%
	d) Homogeneous, black, layered tar impregnated, compressed fibrous material.	None Detected	Cellulose 50-75% Tar and other non-fibrous 25-50%
Comments:	Cellulose is present on the surface of this sample.		



**Pinchin Ltd. Asbestos Laboratory
Certificate of Analysis**

Project Name: Hamilton Health Sciences Centre, West Lincoln Memorial Hospital
169 Main St E, Grimsby, Ontario
Project No.: 0217420.005
Prepared For: S. Holmquist / M. Maiorana
Lab Reference No.: b184586
Date Analyzed: February 15, 2018

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S079C Roofing - Boiler Room Roof	4 Phases:		
	a) Homogeneous, black, hard tar material.	None Detected	Tar and other non-fibrous > 75%
	b) Homogeneous, black, hard, tar impregnated, compressed fibrous material.	None Detected	Cellulose 50-75% Tar and other non-fibrous 25-50%
	c) Homogeneous, black, soft, layered tar material.	None Detected	Tar and other non-fibrous > 75%
	d) Homogeneous, black, layered tar impregnated, compressed fibrous material.	None Detected	Cellulose 50-75% Tar and other non-fibrous 25-50%
Comments:	Cellulose is present on the surface of this sample.		

Reviewed by:

Reporting Analyst:



Analyzed by: AW
 Reviewed by: KPB
 Report Sent by: JR

Instructions:

**Pinchin Ltd. - Asbestos Laboratory
 Internal Asbestos Bulk Sample Chain of Custody**

Client Name:	Hamilton Health Sciences Centre	Project Address:	169 Main St E, Grimsby, Ontario
Portfolio/Building No:	West Lincoln Memorial Hospital	Pinchin File:	217420.005
Submitted by:	Stephen Holmquist	Email:	sholmquist@pinchin.com
CC Results to:	Mike Maiorana	CC Email:	mmaiorana@pinchin.com
Invoice to:	Accounts Payable	Invoice Email:	ap@pinchin.com
Date Submitted:	February 14 2018	Required by:	February 16 2018
# of Samples:	3	Priority:	Rush Turnaround
Year of Building Construction (Mandatory Field):			
Do NOT Stop on Positive (Sample Numbers):			
Pinchin Group Company (Mandatory Field):	Pinchin		

To be Completed by Lab Personnel Only:

Lab Reference #:	h18A 586	Time:	24 hour clock
Received by:	FEB 15 2018 JR	Date:	Month Day Year
Name(s) of Analyst(s):	AW 18-02-15		

B

Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
	S079	A	Roofing - Boiler Room Roof a)ND b)ND c)ND d)ND e)ND f)ND
	S079	B	Roofing - Boiler Room Roof a)ND b)ND c)ND d)ND
	S079	C	Roofing - Boiler Room Roof a)ND b)ND c)ND d)ND



Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and 600/M4-82-020



Customer: Pinchin Ltd.
6-875 Main St West
Suite 200
Hamilton, Ontario L8S 4P9

Attn: Stephen Holmquist
Michael Maiorana

Lab Order ID: 11803843
Analysis ID: 11803843_PLM
Date Received: 2/15/2018
Date Reported: 2/15/2018

Project: 217420.005 - West Lincoln Memorial Hospital Infastructure Upgrade
ProjectHamilton Health Sciences

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
S062A	Red Gasket on Boiler 1 - Boiler Room	None Detected		100% Other	Red Non Fibrous Homogeneous
11803843PLM_1					Dissolved
S062B	Red Gasket on Boiler 1 - Boiler Room	None Detected		100% Other	Red Non Fibrous Homogeneous
11803843PLM_2					Dissolved
S062C	Red Gasket on Boiler 1 - Boiler Room	None Detected		100% Other	Red Non Fibrous Homogeneous
11803843PLM_3					Dissolved
S063A	Parging Cement and Preformed Block Insulation - Exterior Breaching to Chimne	40% Chrysotile 5% Amosite		55% Other	Gray, White Fibrous Heterogeneous
11803843PLM_4					Teased
S063B	Parging Cement and Preformed Block Insulation - Exterior Breaching to Chimne	30% Chrysotile 15% Amosite		55% Other	Gray, White Fibrous Heterogeneous
11803843PLM_5					Teased
S063C	Parging Cement and Preformed Block Insulation - Exterior Breaching to Chimne	40% Chrysotile 10% Amosite		50% Other	Gray, White Fibrous Heterogeneous
11803843PLM_6					Teased
S064A	Black Caulking around Chimney Door, Exterior	5% Chrysotile		95% Other	Black Non Fibrous Heterogeneous
11803843PLM_7					Dissolved
S064B	Black Caulking around Chimney Door, Exterior	5% Chrysotile		95% Other	Black Non Fibrous Heterogeneous
11803843PLM_8					Dissolved

Disclaimer: Due to the nature of the EPA 600 method, asbestos may not be detected in samples containing low levels of asbestos. We strongly recommend that analysis of floor tiles, vermiculite, and/or heterogeneous soil samples be conducted by TEM for confirmation of "None Detected" by PLM. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAL. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government. Analytical uncertainty available upon request. Scientific Analytical Institute participates in the NVLAP Proficiency Testing program. Unless otherwise noted blank sample correction was not performed. Estimated MDL is 0.1%.

Bethany Nichols (51)

Analyst

Approved Signatory



Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and 600/M4-82-020



Customer: Pinchin Ltd.
6-875 Main St West
Suite 200
Hamilton, Ontario L8S 4P9

Attn: Stephen Holmquist
Michael Maiorana

Lab Order ID: 11803843
Analysis ID: 11803843_PLM
Date Received: 2/15/2018
Date Reported: 2/15/2018

Project: 217420.005 - West Lincoln Memorial Hospital Infrastructure Upgrade
ProjectHamilton Health Sciences

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
S064C	Black Caulking around Chimney Door, Exterior	5% Chrysotile		95% Other	Black Non Fibrous Heterogeneous
11803843PLM_9					Dissolved
S065A	Black Tar Wrap on Valve at Exterior HVAC Unit - near Boiler Room	None Detected		100% Other	Black Non Fibrous Homogeneous
11803843PLM_10					Dissolved
S065B	Black Tar Wrap on Valve at Exterior HVAC Unit - near Boiler Room	None Detected		100% Other	Black Non Fibrous Homogeneous
11803843PLM_11					Dissolved
S065C	Black Tar Wrap on Valve at Exterior HVAC Unit - near Boiler Room	None Detected		100% Other	Black Non Fibrous Homogeneous
11803843PLM_12					Dissolved
S066A	White Caulking Inside Frames of Exterior Windows - At Boiler Room	1% Chrysotile		99% Other	Gray Non Fibrous Homogeneous
11803843PLM_13					Dissolved
S006B	White Caulking Inside Frames of Exterior Windows - At Boiler Room	1% Chrysotile		99% Other	Gray Non Fibrous Homogeneous
11803843PLM_14	bag labeled 66B				Dissolved
S006C	White Caulking Inside Frames of Exterior Windows - At Boiler Room	1% Chrysotile		99% Other	Gray Non Fibrous Homogeneous
11803843PLM_15	bag labeled 66C				Dissolved
S067A	Grey Caulking around Exterior Louvre - At Boiler Room	None Detected		100% Other	Gray Non Fibrous Homogeneous
11803843PLM_16					Dissolved

Disclaimer: Due to the nature of the EPA 600 method, asbestos may not be detected in samples containing low levels of asbestos. We strongly recommend that analysis of floor tiles, vermiculite, and/or heterogeneous soil samples be conducted by TEM for confirmation of "None Detected" by PLM. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAL. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government. Analytical uncertainty available upon request. Scientific Analytical Institute participates in the NVLAP Proficiency Testing program. Unless otherwise noted blank sample correction was not performed. Estimated MDL is 0.1%.

Bethany Nichols (51)

Analyst

Approved Signatory



Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and 600/M4-82-020



Customer: Pinchin Ltd.
6-875 Main St West
Suite 200
Hamilton, Ontario L8S 4P9

Attn: Stephen Holmquist
Michael Maiorana

Lab Order ID: 11803843
Analysis ID: 11803843_PLM
Date Received: 2/15/2018
Date Reported: 2/15/2018

Project: 217420.005 - West Lincoln Memorial Hospital Infrastructure Upgrade
ProjectHamilton Health Sciences

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
S067B	Grey Caulking around Exterior Louvre - At Boiler Room	None Detected		100% Other	Gray Non Fibrous Homogeneous
11803843PLM_17					Dissolved
S067C	Grey Caulking around Exterior Louvre - At Boiler Room	None Detected		100% Other	Gray Non Fibrous Homogeneous
11803843PLM_18					Dissolved
S068A	White Caulking at Pleats on Exterior Ductwork for HVAC Unit - Near Boiler Room	None Detected		100% Other	White Non Fibrous Homogeneous
11803843PLM_19					Dissolved
S068B	White Caulking at Pleats on Exterior Ductwork for HVAC Unit - Near Boiler Room	None Detected		100% Other	White Non Fibrous Homogeneous
11803843PLM_20					Dissolved
S068C	White Caulking at Pleats on Exterior Ductwork for HVAC Unit - Near Boiler Room	None Detected		100% Other	White Non Fibrous Homogeneous
11803843PLM_21					Dissolved
S069A	Vibration Damper on HVAC Unit - Mechanical Room #1	None Detected	30% Fiber Glass	70% Other	White, Black Fibrous Heterogeneous
11803843PLM_22					Dissolved, Teased
S069B	Vibration Damper on HVAC Unit - Mechanical Room #1	None Detected	30% Fiber Glass	70% Other	Black, Blue Fibrous Heterogeneous
11803843PLM_23					Dissolved, Teased
S069C	Vibration Damper on HVAC Unit - Mechanical Room #1	None Detected	30% Fiber Glass	70% Other	Black, Blue Fibrous Heterogeneous
11803843PLM_24					Dissolved, Teased

Disclaimer: Due to the nature of the EPA 600 method, asbestos may not be detected in samples containing low levels of asbestos. We strongly recommend that analysis of floor tiles, vermiculite, and/or heterogeneous soil samples be conducted by TEM for confirmation of "None Detected" by PLM. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAL. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government. Analytical uncertainty available upon request. Scientific Analytical Institute participates in the NVLAP Proficiency Testing program. Unless otherwise noted blank sample correction was not performed. Estimated MDL is 0.1%.

Bethany Nichols (51)

Analyst

Approved Signatory



Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and 600/M4-82-020



Customer: Pinchin Ltd.
6-875 Main St West
Suite 200
Hamilton, Ontario L8S 4P9

Attn: Stephen Holmquist
Michael Maiorana

Lab Order ID: 11803843
Analysis ID: 11803843_PLM
Date Received: 2/15/2018
Date Reported: 2/15/2018

Project: 217420.005 - West Lincoln Memorial Hospital Infrastructure Upgrade
ProjectHamilton Health Sciences

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
S070A	Grey Caulking Around Exterior Window - Mechanical Room #1	None Detected		100% Other	Cream Non Fibrous Homogeneous
11803843PLM_25					Dissolved
S070B	Grey Caulking Around Exterior Louvre - Mechanical Room #1	None Detected		100% Other	Cream Non Fibrous Homogeneous
11803843PLM_26					Dissolved
S070C	Grey Caulking Around Exterior Louvre - Mechanical Room #1	None Detected		100% Other	Cream Non Fibrous Homogeneous
11803843PLM_27					Dissolved
S071A	Vibration Damper on HVAC Unit - Mechanical Room #2	None Detected	50% Fiber Glass	50% Other	Blue, Black Fibrous Heterogeneous
11803843PLM_28					Dissolved, Teased
S071B	Vibration Damper on HVAC Unit - Mechanical Room #2	None Detected	50% Fiber Glass	50% Other	Blue, Black Fibrous Heterogeneous
11803843PLM_29					Dissolved, Teased
S071C	Vibration Damper on HVAC Unit - Mechanical Room #2	None Detected	50% Fiber Glass	50% Other	Blue, Black Fibrous Heterogeneous
11803843PLM_30					Dissolved, Teased
S072A	Paper over Fiberglass Insulation on Supply Ductwork - Mechanical Room	1% Chrysotile	95% Cellulose	4% Other	Brown Fibrous Homogeneous
11803843PLM_31					Ashed, Teased
S072B	Paper over Fiberglass Insulation on Supply Ductwork - Mechanical Room	1% Chrysotile	95% Cellulose	4% Other	Brown Fibrous Homogeneous
11803843PLM_32					Ashed, Teased

Disclaimer: Due to the nature of the EPA 600 method, asbestos may not be detected in samples containing low levels of asbestos. We strongly recommend that analysis of floor tiles, vermiculite, and/or heterogeneous soil samples be conducted by TEM for confirmation of "None Detected" by PLM. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAL. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government. Analytical uncertainty available upon request. Scientific Analytical Institute participates in the NVLAP Proficiency Testing program. Unless otherwise noted blank sample correction was not performed. Estimated MDL is 0.1%.

Bethany Nichols (51)

Analyst

Approved Signatory



Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and 600/M4-82-020



NVLAP Lab Code: 200664-0



Customer: Pinchin Ltd.
6-875 Main St West
Suite 200
Hamilton, Ontario L8S 4P9

Attn: Stephen Holmquist
Michael Maiorana

Lab Order ID: 11803843
Analysis ID: 11803843_PLM
Date Received: 2/15/2018
Date Reported: 2/15/2018

Project: 217420.005 - West Lincoln Memorial Hospital Infrastructure Upgrade
ProjectHamilton Health Sciences

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
S072C	Paper over Fiberglass Insulation on Supply Ductwork - Mechanical Room	< 0.5% Chrysotile	95% Cellulose	5% Other	Brown Fibrous Homogeneous
11803843PLM_33					Ashed, Teased
S073A	Vibration Dampers on HVAC Units - Mechanical Room #3	< 0.5% Chrysotile		100% Other	Cream, Gray Non Fibrous Heterogeneous
11803843PLM_34					Dissolved
S073B	Vibration Dampers on HVAC Units - Mechanical Room #3	< 0.5% Chrysotile		100% Other	Cream, Gray Non Fibrous Heterogeneous
11803843PLM_35					Dissolved
S073C	Vibration Dampers on HVAC Units - Mechanical Room #3	None Detected		100% Other	Cream Non Fibrous Homogeneous
11803843PLM_36					Dissolved
S074A	White Caulking Around Windows - Mechanical Room #3	None Detected	30% Fiber Glass	70% Other	Black Fibrous Heterogeneous
11803843PLM_37					Dissolved, Teased
S074B	White Caulking Around Windows - Mechanical Room #4	None Detected	80% Fiber Glass	20% Other	Black Fibrous Heterogeneous
11803843PLM_38					Dissolved, Teased
S074C	White Caulking Around Windows - Mechanical Room #5	None Detected	30% Fiber Glass	70% Other	Black Fibrous Heterogeneous
11803843PLM_39					Dissolved, Teased
S075A	White Preformed Block Insulation on Vertical Generator Exhaust - Generator	None Detected	20% Cellulose	80% Other	White Fibrous Homogeneous
11803843PLM_40					Teased

Disclaimer: Due to the nature of the EPA 600 method, asbestos may not be detected in samples containing low levels of asbestos. We strongly recommend that analysis of floor tiles, vermiculite, and/or heterogeneous soil samples be conducted by TEM for confirmation of "None Detected" by PLM. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAL. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government. Analytical uncertainty available upon request. Scientific Analytical Institute participates in the NVLAP Proficiency Testing program. Unless otherwise noted blank sample correction was not performed. Estimated MDL is 0.1%.

Bethany Nichols (51)

Analyst

Approved Signatory



Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and 600/M4-82-020



Customer: Pinchin Ltd.
6-875 Main St West
Suite 200
Hamilton, Ontario L8S 4P9

Attn: Stephen Holmquist
Michael Maiorana

Lab Order ID: 11803843
Analysis ID: 11803843_PLM
Date Received: 2/15/2018
Date Reported: 2/15/2018

Project: 217420.005 - West Lincoln Memorial Hospital Infrastructure Upgrade
ProjectHamilton Health Sciences

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
S075B	White Prefomed Block Insulation on Vertical Generator Exhaust - Generator	None Detected	20% Cellulose	80% Other	White Fibrous Homogeneous
11803843PLM_41					Teased
S075C	White Prefomed Block Insulation on Vertical Generator Exhaust - Generator	None Detected	20% Cellulose	80% Other	White Fibrous Homogeneous
11803843PLM_42					Teased
S076A	Yellow Prefomed Insulation on Horizontal Generator Exhaust - Generator Room	None Detected	20% Cellulose	80% Other	Yellow Fibrous Homogeneous
11803843PLM_43					Teased
S076B	Yellow Prefomed Insulation on Horizontal Generator Exhaust - Generator Room	None Detected	20% Cellulose	80% Other	Yellow Fibrous Homogeneous
11803843PLM_44					Teased
S076C	Yellow Prefomed Insulation on Horizontal Generator Exhaust - Generator Room	None Detected	20% Cellulose	80% Other	Yellow Fibrous Homogeneous
11803843PLM_45					Teased
S077A	Tar at Joints on Cooling Tower - ER Roof	None Detected		100% Other	Black Non Fibrous Homogeneous
11803843PLM_46					Dissolved
S077B	Tar at Joints on Cooling Tower - ER Roof	None Detected		100% Other	Black Non Fibrous Homogeneous
11803843PLM_47					Dissolved
S077C	Tar at Joints on Cooling Tower - ER Roof	None Detected		100% Other	Black Non Fibrous Homogeneous
11803843PLM_48					Dissolved

Disclaimer: Due to the nature of the EPA 600 method, asbestos may not be detected in samples containing low levels of asbestos. We strongly recommend that analysis of floor tiles, vermiculite, and/or heterogeneous soil samples be conducted by TEM for confirmation of "None Detected" by PLM. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAL. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government. Analytical uncertainty available upon request. Scientific Analytical Institute participates in the NVLAP Proficiency Testing program. Unless otherwise noted blank sample correction was not performed. Estimated MDL is 0.1%.

Bethany Nichols (51)

Analyst

Approved Signatory



Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and 600/M4-82-020



Customer: Pinchin Ltd.
6-875 Main St West
Suite 200
Hamilton, Ontario L8S 4P9

Attn: Stephen Holmquist
Michael Maiorana

Lab Order ID: 11803843
Analysis ID: 11803843_PLM
Date Received: 2/15/2018
Date Reported: 2/15/2018

Project: 217420.005 - West Lincoln Memorial Hospital Infastructure Upgrade
ProjectHamilton Health Sciences

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
S078A	Tar at Roof Penetrations below Cooling Tower - ER Roof	None Detected	20% Cellulose	80% Other	Black Non Fibrous Homogeneous
11803843PLM_49					Dissolved
S078B	Tar at Roof Penetrations below Cooling Tower - ER Roof	None Detected	20% Cellulose	80% Other	Black Non Fibrous Homogeneous
11803843PLM_50					Dissolved
S078C	Tar at Roof Penetrations below Cooling Tower - ER Roof	None Detected	20% Cellulose	80% Other	Black Non Fibrous Homogeneous
11803843PLM_51					Dissolved

Disclaimer: Due to the nature of the EPA 600 method, asbestos may not be detected in samples containing low levels of asbestos. We strongly recommend that analysis of floor tiles, vermiculite, and/or heterogeneous soil samples be conducted by TEM for confirmation of "None Detected" by PLM. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAL. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government. Analytical uncertainty available upon request. Scientific Analytical Institute participates in the NVLAP Proficiency Testing program. Unless otherwise noted blank sample correction was not performed. Estimated MDL is 0.1%.

Bethany Nichols (51)

Analyst

Approved Signatory

11803843

Version 1-15-2012

Client: Pinchin Ltd.
Contact: Stephen Holmquist
Address: 6-875 Main St W, Hamilton, On
Phone: 289.339.8072
Fax: 905.577.6207
Email: sholmquis@pinchin.com
 mmaiorana@pinchin.com
Project: 217420.005 - West Lincoln Memoria
 Infastructure Upgrade Project
Client Notes: Hamilton Health Sciences

P.O. #. 217420.005
Date Submitted: Feb 14 2018
Analysis: PLM Asbestos Analysis
TurnAroundTime: 1 Day Turnaround

***Instructions:**
 Use Column "B" for your contact info

 To See an Example Click the
 bottom Example Tab.

Enter samples between "<<" and ">>"
Begin Samples with a "<<" above the first sample
and end with a ">>" below the last sample.
Only Enter your data on the first sheet "Sheet1"

 Note: Data 1 and Data 2 are optional
 fields that do not show up on the official
 report, however they will be included
 in the electronic data returned to you
 to facilitate your reintegration of the report data.

Invoice to:
 Accounts Payable
 ap@pinchin.com

Scientific Analytical Institute



4604 Dundas Dr.
Greensboro, NC 27407
Phone: 336.292.3888
Fax: 336.292.3313
Email: lab@sailab.com

Sample Number	Data 1 (Lab use only)	Sample Description	Data 2 (Lab use only)
---------------	-----------------------	--------------------	-----------------------

<<			
S062A		Red Gasket on Boiler 1 - Boiler Room	
S062B		Red Gasket on Boiler 1 - Boiler Room	
S062C		Red Gasket on Boiler 1 - Boiler Room	
S063A		Parging Cement and Preformed Block Insulation - Exterior Breaching to Chimney	
S063B		Parging Cement and Preformed Block Insulation - Exterior Breaching to Chimney	
S063C		Parging Cement and Preformed Block Insulation - Exterior Breaching to Chimney	
S064A		Black Caulking around Chimney Door, Exterior	
S064B		Black Caulking around Chimney Door, Exterior	
S064C		Black Caulking around Chimney Door, Exterior	
S065A		Black Tar Wrap on Valve at Exterior HVAC Unit - near Boiler Room	
S065B		Black Tar Wrap on Valve at Exterior HVAC Unit - near Boiler Room	
S065C		Black Tar Wrap on Valve at Exterior HVAC Unit - near Boiler Room	
S066A		White Caulking Inside Frames of Exterior Windows - At Boiler Room	
S006B		White Caulking Inside Frames of Exterior Windows - At Boiler Room	
S006C		White Caulking Inside Frames of Exterior Windows - At Boiler Room	
S067A		Grey Caulking around Exterior Louvre - At Boiler Room	

Accepted
Rejected

Shelton 2/15 1030A

11803843

S067B	Grey Caulking around Exterior Louvre - At Boiler Room
S067C	Grey Caulking around Exterior Louvre - At Boiler Room
S068A	White Caulking at Pleats on Exterior Ductwork for HVAC Unit - Near Boiler Room
S068B	White Caulking at Pleats on Exterior Ductwork for HVAC Unit - Near Boiler Room
S068C	White Caulking at Pleats on Exterior Ductwork for HVAC Unit - Near Boiler Room
S069A	Vibration Damper on HVAC Unit - Mechanical Room #1
S069B	Vibration Damper on HVAC Unit - Mechanical Room #1
S069C	Vibration Damper on HVAC Unit - Mechanical Room #1
S070A	Grey Caulking Around Exterior Window - Mechanical Room #1
S070B	Grey Caulking Around Exterior Louvre - Mechanical Room #1
S070C	Grey Caulking Around Exterior Louvre - Mechanical Room #1
S071A	Vibration Damper on HVAC Unit - Mechanical Room #2
S071B	Vibration Damper on HVAC Unit - Mechanical Room #2
S071C	Vibration Damper on HVAC Unit - Mechanical Room #2
S072A	Paper over Fiberglass Insulation on Supply Ductwork - Mechanical Room #3
S072B	Paper over Fiberglass Insulation on Supply Ductwork - Mechanical Room #4
S072C	Paper over Fiberglass Insulation on Supply Ductwork - Mechanical Room #5
S073A	Vibration Dampers on HVAC Units - Mechanical Room #3
S073B	Vibration Dampers on HVAC Units - Mechanical Room #3
S073C	Vibration Dampers on HVAC Units - Mechanical Room #3
S074A	White Caulking Around Windows - Mechanical Room #3
S074B	White Caulking Around Windows - Mechanical Room #4
S074C	White Caulking Around Windows - Mechanical Room #5
S075A	White Preformed Block Insulation on Vertical Generator Exhaust - Generator Room
S075B	White Preformed Block Insulation on Vertical Generator Exhaust - Generator Room
S075C	White Preformed Block Insulation on Vertical Generator Exhaust - Generator Room
S076A	Yellow Preformed Insulation on Horizontal Generator Exhaust - Generator Room
S076B	Yellow Preformed Insulation on Horizontal Generator Exhaust - Generator Room
S076C	Yellow Preformed Insulation on Horizontal Generator Exhaust - Generator Room
S077A	Tar at Joints on Cooling Tower - ER Roof
S077B	Tar at Joints on Cooling Tower - ER Roof
S077C	Tar at Joints on Cooling Tower - ER Roof
S078A	Tar at Roof Penetrations below Cooling Tower - ER Roof
S078B	Tar at Roof Penetrations below Cooling Tower - ER Roof
S078C	Tar at Roof Penetrations below Cooling Tower - ER Roof



Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

Project Name:	Hamilton Health Sciences Centre, West Lincoln Memorial Hospital, CT Scan Reno, 169 Main St E, Grimsby, Ontario		
Project No.:	0217420.018		
Prepared For:	F. Rossi / M. Maiorana	Date Received:	May 18, 2018
Lab Reference No.:	b189823	Date Analyzed:	May 28, 2018
Analyst(s):	W. Mirza	# Samples submitted:	3
		# Phases analyzed:	1

Method of Analysis:

EPA 600/R-93/116 - Method for the Determination of Asbestos in Bulk Building Materials dated July, 1993

Bulk samples are checked visually and scanned under a stereomicroscope. Slides are prepared and observed under a Polarized Light Microscope (PLM) at magnifications of 40X, 100X or 400X as appropriate. Asbestos fibres are identified by a combination of morphology, colour, refractive index, extinction, sign of elongation, birefringence and dispersion staining colours. A visual estimate is made of the percentage of asbestos present. A reported concentration of less than (<) the regulatory threshold (see chart below) indicates the presence of confirmed asbestos in trace quantities, limited to only a few fibres or fibre bundles in an entire sample. This method complies with provincial regulatory requirements where applicable. Multiple phases within a sample are analyzed and reported separately.

Provincial Jurisdiction	Regulatory Threshold	Provincial Jurisdiction	Regulatory Threshold
Ontario, British Columbia, Nova Scotia	0.5%	Manitoba	0.1% friable 1% non-friable
Quebec	0.1%	Saskatchewan	0.5% friable 1% non-friable
Alberta, NWT, Yukon, Nunavut	1%	Newfoundland and Labrador, PEI and New Brunswick	1%

All bulk samples submitted to this laboratory for asbestos analysis are retained for a minimum of three months. Samples may be retrieved, upon request, for re-examination at any time during that period.

Pinchin Ltd. is accredited by the National Institute of Standards and Technology, National Voluntary Laboratory Accreditation Program (NVLAP Lab Code 101270-0) for the 'EPA-600/M4-82-020: Interim Method for the Determination of Asbestos in Bulk Insulation Samples,' and the 'EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials'; and meets all requirements of ISO/IEC 17025:2005.

This report relates only to the items tested.

NOTE: *This test report may not be reproduced, except in full, without the written approval of the laboratory. The client may not use this report to claim product endorsement by NVLAP or any agency of the U.S. Government. This report is valid only when signed in blue ink by the analyst. Vinyl asbestos floor tiles contain very fine fibres of asbestos and may be missed by some laboratories using the PLM method. Internal verification studies performed by Pinchin indicate that the chance of missing asbestos in floor tiles is no higher than about 2%. The vinyl tile study and laboratory documentation on measurement uncertainty is available upon request. The analysis of dust samples by PLM cannot be used as an indicator of past or present airborne asbestos fibre levels.*



Pinchin Ltd. Asbestos Laboratory
Certificate of Analysis

Project Name: Hamilton Health Sciences Centre, West Lincoln Memorial Hospital,
CT Scan Reno, 169 Main St E, Grimsby, Ontario
Project No.: 0217420.018
Prepared For: F. Rossi / M. Maiorana
Lab Reference No.: b189823
Date Analyzed: May 28, 2018

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S080A Black under sink coating on sink in CT Scan Reno area	Homogeneous, black, soft material.	Chrysotile 0.5-5%	Non-Fibrous Material > 75%
S080B Black under sink coating on sink in CT Scan Reno area			Not Analyzed
Comments:	Analysis was stopped due to a previous positive result.		
S080C Black under sink coating on sink in CT Scan Reno area			Not Analyzed
Comments:	Analysis was stopped due to a previous positive result.		

Reviewed by:

Reporting Analyst:



Analyzed by: W.M
Reviewed by: [Signature]
Report Sent by: EL

Instructions:

**Pinchin Ltd. - Asbestos Laboratory
Internal Asbestos Bulk Sample Chain of Custody**

Client Name:	Hamilton Health Sciences Centre	Project Address:	169 Main St E, Grimsby, Ontario
Portfolio/Building No:	West Lincoln Memorial Hospital CT Scan Reno	Pinchin File:	217420.018
Submitted by:	Frank Rossi	Email:	frossi@pinchin.com
CC Results to:	Mike Maiorana	CC Email:	mmaiorana@pinchin.com
Invoice to:	Accounts Payable	Invoice Email:	ap@pinchin.com
Date Submitted:	May 17 2018	Required by:	May 25 2018
# of Samples:	3	Priority:	5 Day Turnaround
Year of Building Construction (Mandatory Field):			
Do NOT Stop on Positive (Sample Numbers):			
Pinchin Group Company (Mandatory Field):	Pinchin		

To be Completed by Lab Personnel Only:

Lab Reference #:	<u>6189 823</u>	Time:	24 hour clock
Received by:	<u>MA 1 18 2018</u>	Date:	Month Day Year
Name(s) of Analyst(s):	<u>W.M</u>		<u>May 28 2018</u>

Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
	S080	A	Black under sink coating on sink in CT Scan Reno area <u>CH 0.5 - 5%</u>
	S080	B	Black under sink coating on sink in CT Scan Reno area <u>- NA -</u>
	S080	C	Black under sink coating on sink in CT Scan Reno area <u>- NA -</u>



Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

Project Name:	Hamilton Health Sciences, WLMH - 169 Main St E., Grimsby, ON		
Project No.:	0217420.030		
Prepared For:	L. Cantar / M. Maiorana	Date Received:	August 27, 2018
Lab Reference No.:	b195704	Date Analyzed:	September 4, 2018
Analyst(s):	M. Tiggos	# Samples submitted:	33
		# Phases analyzed:	35

Method of Analysis:

EPA 600/R-93/116 - Method for the Determination of Asbestos in Bulk Building Materials dated July, 1993

Bulk samples are checked visually and scanned under a stereomicroscope. Slides are prepared and observed under a Polarized Light Microscope (PLM) at magnifications of 40X, 100X or 400X as appropriate. Asbestos fibres are identified by a combination of morphology, colour, refractive index, extinction, sign of elongation, birefringence and dispersion staining colours. A visual estimate is made of the percentage of asbestos present. A reported concentration of less than (<) the regulatory threshold (see chart below) indicates the presence of confirmed asbestos in trace quantities, limited to only a few fibres or fibre bundles in an entire sample. This method complies with provincial regulatory requirements where applicable. Multiple phases within a sample are analyzed and reported separately.

Provincial Jurisdiction	Regulatory Threshold	Provincial Jurisdiction	Regulatory Threshold
Ontario, British Columbia, Nova Scotia	0.5%	Alberta	Undefined
Quebec	0.1%	Saskatchewan	0.5% friable 1% non-friable
PEI, NWT, Yukon, Nunavut, Newfoundland and Labrador, and New Brunswick	1%	Manitoba	0.1% friable 1% non-friable

All bulk samples submitted to this laboratory for asbestos analysis are retained for a minimum of three months. Samples may be retrieved, upon request, for re-examination at any time during that period.

Pinchin Ltd. is accredited by the National Institute of Standards and Technology, National Voluntary Laboratory Accreditation Program (NVLAP Lab Code 101270-0) for the 'EPA-600/M4-82-020: Interim Method for the Determination of Asbestos in Bulk Insulation Samples,' and the 'EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials'; and meets all requirements of ISO/IEC 17025:2005.

This report relates only to the items tested.

NOTE: *This test report may not be reproduced, except in full, without the written approval of the laboratory. The client may not use this report to claim product endorsement by NVLAP or any agency of the U.S. Government. This report is valid only when signed in blue ink by the analyst. Vinyl asbestos floor tiles contain very fine fibres of asbestos and may be missed by some laboratories using the PLM method. Internal verification studies performed by Pinchin indicate that the chance of missing asbestos in floor tiles is no higher than about 2%. The vinyl tile study and laboratory documentation on measurement uncertainty is available upon request. The analysis of dust samples by PLM cannot be used as an indicator of past or present airborne asbestos fibre levels.*



Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

Project Name: Hamilton Health Sciences, WLMH - 169 Main St E., Grimsby, ON
Project No.: 0217420.030
Prepared For: L. Cantar / M. Maiorana

Lab Reference No.: b195704
Date Analyzed: September 4, 2018

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
2018-0001A 24" x 48" lay-in ceiling tile, pinhole, indent, and width-wise fissure, Front Wing Bsmt, West Corr	Homogeneous, beige, layered, compressed, acoustic ceiling tile.	None Detected	Cellulose 25-50% Man-made Vitreous Fibres 50-75% Non-Fibrous Material 0.5-5%
2018-0001B 24" x 48" lay-in ceiling tile, pinhole, indent, and width-wise fissure, Front Wing Bsmt, East Corr	Homogeneous, beige, layered, compressed, acoustic ceiling tile.	None Detected	Cellulose 25-50% Man-made Vitreous Fibres 50-75% Non-Fibrous Material 0.5-5%
2018-0001C 24" x 48" lay-in ceiling tile, pinhole, indent, and width-wise fissure, Front Wing Bsmt, East Corr	Homogeneous, beige, layered, compressed, acoustic ceiling tile.	None Detected	Cellulose 25-50% Man-made Vitreous Fibres 50-75% Non-Fibrous Material 0.5-5%
2018-0002A 24" x 48" lay-in ceiling tile, dense pinhole and width-wise fissure, Front Wing Bsmt, Office at Sprinkler	Homogeneous, beige, layered, compressed, acoustic ceiling tile.	None Detected	Cellulose 25-50% Man-made Vitreous Fibres 25-50% Perlite 10-25% Other Non-Fibrous 0.5-5%



Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

Project Name: Hamilton Health Sciences, WLMH - 169 Main St E., Grimsby, ON
Project No.: 0217420.030
Prepared For: L. Cantar / M. Maiorana

Lab Reference No.: b195704
Date Analyzed: September 4, 2018

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
2018-0002B 24" x 48" lay-in ceiling tile, dense pinhole and width-wise fissure, Front Wing Bsmt, Office at Sprinkler	Homogeneous, beige, layered, compressed, acoustic ceiling tile.	None Detected	Cellulose 25-50% Man-made Vitreous 25-50% Fibres Perlite 10-25% Other Non-Fibrous 0.5-5%
2018-0002C 24" x 48" lay-in ceiling tile, dense pinhole and width-wise fissure, Front Wing Bsmt, Office at Sprinkler	Homogeneous, beige, layered, compressed, acoustic ceiling tile.	None Detected	Cellulose 25-50% Man-made Vitreous 25-50% Fibres Perlite 10-25% Other Non-Fibrous 0.5-5%
2018-0003A 24" x 24" lay-in ceiling tile, pinhole, indent, and width-wise fissure, Office, Front Wing Basement, East	Homogeneous, beige, layered, compressed, acoustic ceiling tile.	None Detected	Cellulose 10-25% Man-made Vitreous > 75% Fibres Non-Fibrous Material 0.5-5%
2018-0003B 24" x 24" lay-in ceiling tile, pinhole, indent, and width-wise fissure, Office, Front Wing Basement, East	Homogeneous, beige, layered, compressed, acoustic ceiling tile.	None Detected	Cellulose 10-25% Man-made Vitreous > 75% Fibres Non-Fibrous Material 0.5-5%



Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

Project Name: Hamilton Health Sciences, WLMH - 169 Main St E., Grimsby, ON
Project No.: 0217420.030
Prepared For: L. Cantar / M. Maiorana

Lab Reference No.: b195704
Date Analyzed: September 4, 2018

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
2018-0003C 24" x 24" lay-in ceiling tile, pinhole, indent, and width-wise fissure, Office, Front Wing Basement, East	Homogeneous, beige, layered, compressed, acoustic ceiling tile.	None Detected	Cellulose 10-25% Man-made Vitreous > 75% Fibres Non-Fibrous Material 0.5-5%
2018-0004A 24" x 48" lay-in ceiling tile, pinhole and fewer width-wise fissure, Front Wing Bsmt, East Corr	Homogeneous, beige, layered, compressed, acoustic ceiling tile.	None Detected	Cellulose 25-50% Man-made Vitreous 25-50% Fibres Perlite 10-25% Other Non-Fibrous 0.5-5%
2018-0004B 24" x 48" lay-in ceiling tile, pinhole and fewer width-wise fissure, Front Wing Bsmt, East Corr	Homogeneous, beige, layered, compressed, acoustic ceiling tile.	None Detected	Cellulose 25-50% Man-made Vitreous 25-50% Fibres Perlite 10-25% Other Non-Fibrous 1-5%
2018-0004C 24" x 48" lay-in ceiling tile, pinhole and fewer width-wise fissure, Front Wing Bsmt, East Corr	Homogeneous, beige, layered, compressed, acoustic ceiling tile.	None Detected	Cellulose 25-50% Man-made Vitreous 25-50% Fibres Perlite 10-25% Other Non-Fibrous 0.5-5%
2018-0005A 24" x 48" lay-in ceiling tile, pinhole and short width-wise fissure, Office across from Boiler Rm, Front Wing Bsmt	Homogeneous, beige, layered, compressed, acoustic ceiling tile.	None Detected	Cellulose 25-50% Man-made Vitreous 25-50% Fibres Wollastonite 5-10% Perlite 5-10% Other Non-Fibrous 0.5-5%



Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

Project Name: Hamilton Health Sciences, WLMH - 169 Main St E., Grimsby, ON
Project No.: 0217420.030
Prepared For: L. Cantar / M. Maiorana

Lab Reference No.: b195704
Date Analyzed: September 4, 2018

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
2018-0005B 24" x 48" lay-in ceiling tile, pinhole and short width-wise fissure, Office across from Boiler Rm, Front Wing Bsmt	Homogeneous, beige, layered, compressed, acoustic ceiling tile.	None Detected	Cellulose 25-50% Man-made Vitreous 25-50% Fibres Wollastonite 5-10% Perlite 5-10% Other Non-Fibrous 0.5-5%
2018-0005C 24" x 48" lay-in ceiling tile, pinhole and short width-wise fissure, Office across from Boiler Rm, Front Wing Bsmt	Homogeneous, beige, layered, compressed, acoustic ceiling tile.	None Detected	Cellulose 25-50% Man-made Vitreous 25-50% Fibres Wollastonite 5-10% Perlite 5-10% Other Non-Fibrous 0.5-5%
2018-0006A 24" x 24" lay-in ceiling tile, few pinhole and width-wise fissure, Front Entrance, Ground Floor	Homogeneous, beige, layered, compressed, acoustic ceiling tile.	None Detected	Cellulose 50-75% Man-made Vitreous 25-50% Fibres Non-Fibrous Material 0.5-5%
2018-0006B 24" x 24" lay-in ceiling tile, few pinhole and width-wise fissure, Front Entrance, Ground Floor	Homogeneous, beige, layered, compressed, acoustic ceiling tile.	None Detected	Cellulose 50-75% Man-made Vitreous 25-50% Fibres Non-Fibrous Material 0.5-5%
2018-0006C 24" x 24" lay-in ceiling tile, few pinhole and width-wise fissure, Front Entrance, Ground Floor	Homogeneous, beige, layered, compressed, acoustic ceiling tile.	None Detected	Cellulose 50-75% Man-made Vitreous 25-50% Fibres Non-Fibrous Material 0.5-5%



Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

Project Name: Hamilton Health Sciences, WLMH - 169 Main St E., Grimsby, ON
Project No.: 0217420.030
Prepared For: L. Cantar / M. Maiorana

Lab Reference No.: b195704
Date Analyzed: September 4, 2018

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
2018-0007A 12" x 12" vinyl floor tile, smaller white and black flecks, ER Corridor, Ground Floor	2 Phases: a) Homogeneous, black and white, consolidated, vinyl floor tile.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, beige, soft, sticky material on the back of vinyl floor tile.	Chrysotile 0.5-5%	Non-Fibrous Material > 75%
2018-0007B 12" x 12" vinyl floor tile, smaller white and black flecks, ER Corridor, Ground Floor	2 Phases: a) Homogeneous, black and white, consolidated, vinyl floor tile.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, beige, soft, sticky material on the back of vinyl floor tile.		Not Analyzed
Comments:	Analysis of phase b) was stopped due to a previous positive result.		
2018-0007C 12" x 12" vinyl floor tile, smaller white and black flecks, ER Corridor, Ground Floor	2 Phases: a) Homogeneous, black and white, consolidated, vinyl floor tile.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, beige soft, sticky material on the back of vinyl floor tile.		Not Analyzed
Comments:	Analysis of phase b) was stopped due to a previous positive result.		
2018-0008A 12" x 12" ceiling tile, few pinhole and fissure, Corridor, Front Wing, 1st Floor	Homogeneous, beige, layered, compressed, acoustic ceiling tile.	None Detected	Cellulose 25-50% Man-made Vitreous 50-75% Fibres Non-Fibrous Material 0.5-5%



Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

Project Name: Hamilton Health Sciences, WLMH - 169 Main St E., Grimsby, ON
Project No.: 0217420.030
Prepared For: L. Cantar / M. Maiorana

Lab Reference No.: b195704
Date Analyzed: September 4, 2018

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
2018-0008B 12" x 12" ceiling tile, few pinhole and fissure, Corridor, Front Wing, 1st Floor	Homogeneous, beige, layered, compressed, acoustic ceiling tile.	None Detected	Cellulose 25-50% Man-made Vitreous 50-75% Fibres Non-Fibrous Material 0.5-5%
2018-0008C 12" x 12" ceiling tile, few pinhole and fissure, Corridor, Front Wing, 1st Floor	Homogeneous, beige, layered, compressed, acoustic ceiling tile.	None Detected	Cellulose 25-50% Man-made Vitreous 50-75% Fibres Non-Fibrous Material 0.5-5%
2018-0009A 12" x 12" ceiling tile, pinhole and large fissure, Corridor, Front Wing, 1st Floor	Homogeneous, beige, layered, compressed, acoustic ceiling tile.	None Detected	Cellulose 25-50% Man-made Vitreous 50-75% Fibres Non-Fibrous Material 0.5-5%
2018-0009B 12" x 12" ceiling tile, pinhole and large fissure, Corridor, Front Wing, 1st Floor	Homogeneous, beige, layered, compressed, acoustic ceiling tile.	None Detected	Cellulose 25-50% Man-made Vitreous 50-75% Fibres Non-Fibrous Material 0.5-5%
2018-0009C 12" x 12" ceiling tile, pinhole and large fissure, Corridor, Front Wing, 1st Floor	Homogeneous, beige, layered, compressed, acoustic ceiling tile.	None Detected	Cellulose 25-50% Man-made Vitreous 50-75% Fibres Non-Fibrous Material 0.5-5%
2018-0010A 12" x 12" ceiling tile, large and small pinholes, Corridor, Front Wing, 1st Floor	Homogeneous, beige, layered, compressed, acoustic ceiling tile.	None Detected	Cellulose 10-25% Man-made Vitreous > 75% Fibres Non-Fibrous Material 0.5-5%



Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

Project Name: Hamilton Health Sciences, WLMH - 169 Main St E., Grimsby, ON
Project No.: 0217420.030
Prepared For: L. Cantar / M. Maiorana

Lab Reference No.: b195704
Date Analyzed: September 4, 2018

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
2018-0010B 12" x 12" ceiling tile, large and small pinholes, Corridor, Front Wing, 1st Floor	Homogeneous, beige, layered, compressed, acoustic ceiling tile.	None Detected	Cellulose 10-25% Man-made Vitreous Fibres > 75% Non-Fibrous Material 0.5-5%
2018-0010C 12" x 12" ceiling tile, large and small pinholes, Corridor, Front Wing, 1st Floor	Homogeneous, beige, layered, compressed, acoustic ceiling tile.	None Detected	Cellulose 10-25% Man-made Vitreous Fibres > 75% Non-Fibrous Material 0.5-5%
2018-0011A 12" x 12" vinyl floor tile, larger white and black flecks, ER Corridor, First Floor	Homogeneous, black and white, consolidated, vinyl floor tile.	None Detected	Non-Fibrous Material > 75%
Comments:	Mastic is present but there was insufficient material submitted to analyze.		
2018-0011B 12" x 12" vinyl floor tile, larger white and black flecks, ER Corridor, First Floor	2 Phases: a) Homogeneous, black and white, consolidated, vinyl floor tile.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, beige, hard, material on the back of vinyl floor tile.	None Detected	Non-Fibrous Material > 75%
Comments:	Phase b) is small in size. For more reliable results, a larger sample is required.		
2018-0011C 12" x 12" vinyl floor tile, larger white and black flecks, ER Corridor, First Floor	Homogeneous, black and white, consolidated, vinyl floor tile.	None Detected	Non-Fibrous Material > 75%
Comments:	There was no mastic in this sample to be analyzed.		

Reviewed by:

Reporting Analyst:



Analyzed by: MT 2018/9/4

Reviewed by: KB

Report Sent by: JR

Special Instructions:

**Pinchin Ltd. - Asbestos Laboratory
Internal Asbestos Bulk Sample Chain of Custody**

Client Name:	Hamilton Health Sciences	Project Address:	WLMH - 169 Main St E., Grimsby, ON
Portfolio/Building No:		Pinchin File:	217420.03
Submitted by:	Leslie Cantar	Email:	lcantar@pinchin.com
CC Results to:	Michael Maiorana	CC Email:	mmaiorana@pinchin.com
Invoice to:	Accounts Payable	Invoice Email:	ap@pinchin.com
Date Submitted:	August 27 2018	Required by:	September 6 2018
# of Samples:	33	Priority:	5 Day Turnaround
Year of Building Construction (Mandatory Field):	1946		
Do NOT Stop on Positive (Sample Numbers):			
Pinchin Group Company (Mandatory Field):	Pinchin		

To be Completed by Lab Personnel Only:

Lab Reference #:	<u>0195704</u>	Time:	24 hour clock		
Received by:	<u>AUG 27 2018 JR</u>	Date:	Month	Day	Year
Name(s) of Analyst(s):	<u>phases JT</u>				

Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
2018-	0001	A	24" x 48" lay-in ceiling tile, pinhole, indent, and width-wise fissure, Front Wing Bsmt, West Corr <u>NO</u>
2018-	0001	B	24" x 48" lay-in ceiling tile, pinhole, indent, and width-wise fissure, Front Wing Bsmt, East Corr <u>NO</u>
2018-	0001	C	24" x 48" lay-in ceiling tile, pinhole, indent, and width-wise fissure, Front Wing Bsmt, East Corr <u>NO</u>
2018-	0002	A	24" x 48" lay-in ceiling tile, dense pinhole and width-wise fissure, Front Wing Bsmt, Office at Sprinkler <u>NO</u>
2018-	0002	B	24" x 48" lay-in ceiling tile, dense pinhole and width-wise fissure, Front Wing Bsmt, Office at Sprinkler <u>NO</u>
2018-	0002	C	24" x 48" lay-in ceiling tile, dense pinhole and width-wise fissure, Front Wing Bsmt, Office at Sprinkler <u>NO</u>

6

Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
2018-	0003	A	24" x 24" lay-in ceiling tile, pinhole, indent, and width-wise fissure, Office, Front Wing Basement, East ND
2018-	0003	B	24" x 24" lay-in ceiling tile, pinhole, indent, and width-wise fissure, Office, Front Wing Basement, East ND
2018-	0003	C	24" x 24" lay-in ceiling tile, pinhole, indent, and width-wise fissure, Office, Front Wing Basement, East ND
2018-	0004	A	24" x 48" lay-in ceiling tile, pinhole and fewer width-wise fissure, Front Wing Bsmt, East Corr ND
2018-	0004	B	24" x 48" lay-in ceiling tile, pinhole and fewer width-wise fissure, Front Wing Bsmt, East Corr ND
2018-	0004	C	24" x 48" lay-in ceiling tile, pinhole and fewer width-wise fissure, Front Wing Bsmt, East Corr ND
2018-	0005	A	24" x 48" lay-in ceiling tile, pinhole and short width-wise fissure, Office across from Boiler Rm, Front Wing Bsmt ND
2018-	0005	B	24" x 48" lay-in ceiling tile, pinhole and short width-wise fissure, Office across from Boiler Rm, Front Wing Bsmt ND
2018-	0005	C	24" x 48" lay-in ceiling tile, pinhole and short width-wise fissure, Office across from Boiler Rm, Front Wing Bsmt ND
2018-	0006	A	24" x 24" lay-in ceiling tile, few pinhole and width-wise fissure, Front Entrance, Ground Floor ND
2018-	0006	B	24" x 24" lay-in ceiling tile, few pinhole and width-wise fissure, Front Entrance, Ground Floor ND
2018-	0006	C	24" x 24" lay-in ceiling tile, few pinhole and width-wise fissure, Front Entrance, Ground Floor ND
2018-	0007	A	12" x 12" vinyl floor tile, smaller white and black flecks, ER Corridor, Ground Floor a/m/v v/cn or-ph
2018-	0007	B	12" x 12" vinyl floor tile, smaller white and black flecks, ER Corridor, Ground Floor a/m/v v/cn
2018-	0007	C	12" x 12" vinyl floor tile, smaller white and black flecks, ER Corridor, Ground Floor a/m/v v/cn
2018-	0008	A	12" x 12" ceiling tile, few pinhole and fissure, Corridor, Front Wing, 1st Floor ND

17

Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
2018-	0008	B	12" x 12" ceiling tile, few pinhole and fissure, Corridor, Front Wing, 1st Floor
2018-	0008	C	12" x 12" ceiling tile, few pinhole and fissure, Corridor, Front Wing, 1st Floor
2018-	0009	A	12" x 12" ceiling tile, pinhole and large fissure, Corridor, Front Wing, 1st Floor
2018-	0009	B	12" x 12" ceiling tile, pinhole and large fissure, Corridor, Front Wing, 1st Floor
2018-	0009	C	12" x 12" ceiling tile, pinhole and large fissure, Corridor, Front Wing, 1st Floor
2018-	0010	A	12" x 12" ceiling tile, large and small pinholes, Corridor, Front Wing, 1st Floor
2018-	0010	B	12" x 12" ceiling tile, large and small pinholes, Corridor, Front Wing, 1st Floor
2018-	0010	C	12" x 12" ceiling tile, large and small pinholes, Corridor, Front Wing, 1st Floor
2018-	0011	A	12" x 12" vinyl floor tile, larger white and black flecks, ER Corridor, First Floor
2018-	0011	B	12" x 12" vinyl floor tile, larger white and black flecks, ER Corridor, First Floor
2018-	0011	C	12" x 12" vinyl floor tile, larger white and black flecks, ER Corridor, First Floor

NO
NO
NO
NO
NO
NO
NO
NO
NO
NO
NO

1
12
12
6
35

APPENDIX III
Data Tables



DATA TABLES OF ASBESTOS LOCATIONS WEST LINCOLN MEMORIAL HOSPITAL

Main Hospital – Front Wing (1948)

Material	Locations	Approximate Quantity	ACM
Parging cement	Majority of pipe fittings	1,500 EA	Chrysotile
Aircell	Hot water heating and domestic hot water straights	2,000 LF	Chrysotile
Preformed block and parging cement	Boiler breeching at exterior of Boiler Room to Chimney	50 SF	Amosite and Chrysotile
Lay-in ceiling tiles (24" x 48" fissure and small pinhole pattern)	Ground Floor Corridor	1,200 SF	Chrysotile
Mastic below vinyl sheet flooring (orange fleck pattern)	First Floor Staff Lounge and Washroom	400 SF	Chrysotile
Vinyl sheet flooring (grey and white square pattern)	First Floor Medical Storage	100 SF	Chrysotile
Vinyl floor tiles (12" x 12" dark green with white streak pattern)	Basement Office #1, Ground Floor Wash Area	500 SF	Chrysotile (tile only)
Vinyl floor tiles (12" x 12" dark yellow with white streak pattern)	Basement Office #1	< 1 SF	Chrysotile (tile only)
Vinyl floor tiles (9" x 9" green with white streak pattern)	Basement Locker Room, Inventory Storage, and Washroom in Office #6	900 SF	Chrysotile (tile only)



Data Tables of ACM Locations

West Lincoln Memorial Hospital, 169 Main Street East, Grimsby, Ontario
Hamilton Health Sciences

January 17, 2019
Pinchin File: 217420.030
Appendix III

Vinyl floor tiles (12" x 12" grey with brown and white streak pattern)	First Floor Storage Closets	200 SF	Chrysotile (tile only)
Black caulking	Exterior frame of the chimney door at the Boiler Room	10 LF	Chrysotile
White caulking	Interior frames of exterior windows at the Boiler Room	2 windows	Chrysotile
Paper heat shield	Incandescent light fixtures in First Floor Storage Closets	All	Chrysotile

Main Hospital – Middle Wing (1960's)

Material	Locations	Approximate Quantity	ACM
Parging cement	Majority of pipe fittings	1,500 EA	Chrysotile
Parging cement on cushion tank	Basement Mechanical Room	30 SF	Chrysotile
Transite board	Basement Medical Storage Room, South end of Main Corridor, Between the Nurses' Station and Kitchenette on Ground Floor, Between Offices on First Floor	700 SF	Presumed other than Chrysotile
Vinyl sheet flooring (brown with white square pattern)	Ground Floor Barrier-Free Shower	100 SF	Chrysotile
Vinyl floor tiles (9" x 9", beige with grey streak pattern)	<p>Basement: File Storage Room, East Corridor, Waiting Room, Vestibule, Accounting Department, Main Corridor and Stairwells</p> <p>Ground Floor: Main Corridor, Dressing Room #1 & 2, Radiology Suite, Patient Rooms, Linen Storage, Nurses Station, Office and Stairwells</p>	12,000 SF	Chrysotile (tile and mastic)



Data Tables of ACM Locations

West Lincoln Memorial Hospital, 169 Main Street East, Grimsby, Ontario
Hamilton Health Sciences

January 17, 2019
Pinchin File: 217420.030
Appendix III

	First Floor: Main Corridor, Patient Rooms, Offices, Accessible Areas in the Operating Department, Intensive Care Unit, Waiting Room and Stairwells		
Vinyl floor tiles (12" x 12" dark green with white streak pattern)	Basement Main Corridor and Ground Floor Main Corridor	400 SF	Chrysotile (tile only)
Black sink undercoating	Throughout	All	Chrysotile

Main Hospital – ER Wing (1970's)

Material	Locations	Approximate Quantity	ACM
Parging cement	Basement Mechanical Room	200 EA	Chrysotile
Paper over fibreglass on ductwork	Mechanical Room 3	500 SF	Chrysotile
Lay-in ceiling tiles (24" x 48" pinhole and texture pattern)	Basement ECG Department, Ground Floor Palliative Care	2,200 SF	Chrysotile
Transite board	Basement Corridor in 1993 Addition, Basement Main Corridor, Exterior ceiling at ER Department, and at Basement Lounge and Lab #2	560 SF	Presumed other than Chrysotile
Vinyl floor tiles (12" x 12" dark yellow with white streak pattern)	Basement Corridors and Ground Floor ER Waiting Room	2,000 SF	Chrysotile (tile only)
Vinyl floor tiles (12" x 12" beige with thin brown streak pattern)	Basement: Labs, Offices, Lounge, ECG Department and File Storage Ground Floor:	7,000 SF	Chrysotile (tile only)



Data Tables of ACM Locations

West Lincoln Memorial Hospital, 169 Main Street East, Grimsby, Ontario
Hamilton Health Sciences

January 17, 2019
Pinchin File: 217420.030
Appendix III

	Palliative Care Department, Break Room and Patient Rooms in the ER Department, EMS Room Closet		
Tamped firestopping in electrical panels	Throughout Ground Floor of ER Wing	20 SF	Amosite

Main Hospital – Kitchen Area (1986)

Material	Locations	Approximate Quantity	ACM
Transite rain water leaders	Service Corridor (6 LF), Kitchen/Office/Dish Room (100 LF), Ingredients Storage Room (20 LF), Dry Good Storage (20 LF), Cafeteria (40 LF), Ladies' Locker Room (25 LF), Halfway Cafe Lounge (15 LF), Men's Locker Room (30 LF)	260 LF	Presumed other than Chrysotile

Alexander Globe Centre - Former Nurses' Residence (1948)

Material	Locations	Approximate Quantity	ACM
Aircell	Domestic hot water straights in Attic and wall cavities	80 LF	Chrysotile
Transite board	Exterior siding	5,000 SF	Presumed other than Chrysotile
Vinyl floor tiles (9" x 9" beige with red streak pattern)	Stationery Closet, and Sprinkler Room	60 SF	Chrysotile (tile and mastic)
Vinyl floor tiles (12" x 12" beige with orange fleck pattern)	Vestibule, Washroom in PC Room #1, and Front Entrance	350 SF	Chrysotile (mastic only)

\\pinchin.com\ham\Job\217000s\0217420.000 HAMILTONHEALT,Various2018Pr,ASB,CONS\0217420.030 HAMHEALT,2018AsbReassess,VarSit,ASB,CONS\Deliverables\WLMH\Appendix III Data Tables\217420.030 Final HHS WLMH ACM Data Tables.docx

Template: Master Photo Appendix, HazMat, July 21, 2017

APPENDIX IV
ECOH Bulk Sampling Report

Hamilton Health Sciences Corporation
1200 Main Street West,
Hamilton, ON

May 12, 2017

Attention: **Mr. Corey LeGris**
Hazardous Materials Specialist | Facilities Management

Re: **Bulk Sample Analysis for Asbestos-containing Materials (ACMs)**
West Lincoln Memorial Hospital – ER-Wing, Front-Wing, Middle-Wings,
Kitchen, and Former Nurse Residence
167 Main Street East, Grimsby, Ontario
ECO Project Number: 17429

ECO Management Inc. (ECO) was retained by Hamilton Health Sciences Corporation (HHSC) to provide environmental consulting services at the West Lincoln Memorial Hospital (WLMH) located at 167 Main Street East, Grimsby, Ontario. The following report documents the environmental consulting services provided by ECO, which includes bulk sampling and analysis for asbestos content in various building materials (ceiling tiles, drywall joint compound and plaster walls and ceilings) throughout the E.R.-Wing, Front-Wing, Middle-Wing, Kitchen and Former Nurses' Residence of the WLMH. Ms. Brittanie Semper and Ms. Carlie Goodhead of ECO were on-site April 19-21, 2017 to collect and submit bulk samples of various building materials for laboratory analysis to determine asbestos content.

All samples were submitted to the laboratory for analysis on May 1, 2017. The Certificate of Analysis for all sampling is provided at the end of the report. The sampling methodology and complete results of the sampling program are described herein.

Asbestos Bulk Sample Analysis:

As per the requirements of Ontario Regulation 278/05, multiple samples (ranging from 1 to 7 depending on quantity and type of material) are required to confirm the absence of asbestos. Sampling required a small volume of material to be removed either from a damaged section of suspect material or cut from intact material and then repaired, where practicable, by sealing with tape to prevent fibre release. The collected samples were placed in plastic bags and sealed during shipment to an independent laboratory. A formal chain of custody procedure was maintained between ECO and the sub-contract laboratory during sample transport.

EMSL Canada, Inc. (EMSL), which is independent commercial laboratory, analyzed the bulk sample(s) collected. Analysis of these sample(s) occurred following the analytical method prescribed by *Ontario Regulation 278/05, Designated Substance – Regulation respecting Asbestos on Construction Projects and in Buildings and Repair Operations*. The analytical method prescribed is 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, using Polarized

Light Microscopy (PLM). Although not required by provincial regulation, all laboratories used by ECOH are accredited under the U.S. National Voluntary Laboratory Accreditation Program (NVLAP) to ensure consistent, accurate and defensible results.

Table 1 below indicates the sample collection information and results for bulk sampling.

TABLE 1			
Summary of Bulk Samples			
Sample Number	Location	Description	Asbestos Content
17429-WL-ERB-03A	ER Basement Washroom	Smooth Plaster Ceiling	None Detected
17429-WL-ERB-03B	ER Basement Washroom	Smooth Plaster Ceiling	None Detected
17429-WL-ERB-03C	ER Basement Lab	Smooth Plaster Ceiling	None Detected
17429-WL-ERB-03D	ER Basement Washroom	Smooth Plaster Ceiling	None Detected
17429-WL-ERB-03E	ER Basement Office	Smooth Plaster Ceiling	None Detected
17429-WL-ERB-03F	ER Basement Janitor's Closet	Smooth Plaster Ceiling	None Detected
17429-WL-ERB-06A	ER Basement ECG Center	Drywall Joint Compound Wall	None Detected
17429-WL-ERB-06B	ER Basement ECG Center	Drywall Joint Compound Wall	None Detected
17429-WL-ERB-06C	ER Basement ECG Center	Drywall Joint Compound Wall	None Detected
17429-WL-ERB-06D	ER Basement Corridor	Drywall Joint Compound Wall	None Detected
17429-WL-ERB-06E	ER Basement Corridor	Drywall Joint Compound Wall	None Detected
17429-WL-ERB-07A	ER Basement Washroom	Plaster Wall	None Detected
17429-WL-ERB-07B	ER Basement Washroom	Plaster Wall	None Detected
17429-WL-ERB-07C	ER Basement Lab	Plaster Wall	None Detected
17429-WL-ERB-07D	ER Basement Lab	Plaster Wall	None Detected

TABLE 1
 Summary of Bulk Samples

Sample Number	Location	Description	Asbestos Content
17429-WL-ERB-05A	ER Basement	Ceiling Tile 1 - 2'x4' Fissures and Pinholes	None Detected
17429-WL-ERB-05B	ER Basement	Ceiling Tile 1 - 2'x4' Fissures and Pinholes	None Detected
17429-WL-ERB-05C	ER Basement	Ceiling Tile 1 - 2'x4' Fissures and Pinholes	None Detected
17429-WL-ERG-03A	ER Ground Floor Waiting Room Washroom	Smooth Plaster Ceiling	None Detected
17429-WL-ERG-03B	ER Ground Floor Emergency Washroom	Smooth Plaster Ceiling	None Detected
17429-WL-ERG-03C	ER Ground Floor Emergency Room	Smooth Plaster Ceiling	None Detected
17429-WL-ERG-03D	ER Ground Floor Observation Room A	Smooth Plaster Ceiling	None Detected
17429-WL-ERG-03E	ER Ground Floor Emergency Room #1	Smooth Plaster Ceiling	None Detected
17429-WL-ERG-03F	ER Ground Floor Staff Washroom	Smooth Plaster Ceiling	None Detected
17429-WL-ERG-03G	ER Ground Floor Janitor's Room	Smooth Plaster Ceiling	None Detected
17429-WL-ERG-06A	ER Ground Floor Emergency Reception	Drywall Joint Compound Wall	None Detected
17429-WL-ERG-06B	ER Ground Floor Emergency Entrance	Drywall Joint Compound Wall	None Detected
17429-WL-ERG-06C	ER Ground Floor Emergency Entrance	Drywall Joint Compound Wall	None Detected
17429-WL-ERG-06D	ER Ground Floor Emergency Reception	Drywall Joint Compound Wall	None Detected
17429-WL-ERG-06E	ER Ground Floor Emergency Reception	Drywall Joint Compound Wall	None Detected
17429-WL-ERG-07A	ER Ground Floor Information/Admitting	Smooth Plaster Wall	None Detected
17429-WL-ERG-07B	ER Ground Floor Corridor	Smooth Plaster Wall	None Detected
17429-WL-ERG-07C	ER Ground Floor Waiting Room	Smooth Plaster Wall	None Detected

TABLE 1
 Summary of Bulk Samples

Sample Number	Location	Description	Asbestos Content
17429-WL-ERG-07D	ER Ground Floor Waiting Room Washroom	Smooth Plaster Wall	None Detected
17429-WL-ERG-07E	ER Ground Floor Waiting Room Washroom	Smooth Plaster Wall	None Detected
17429-WL-FWB-01A	Front Wing Basement Corridor	Drywall Joint Compound Ceiling	None Detected
17429-WL-FWB-01B	Front Wing Basement Conference Room	Drywall Joint Compound Ceiling	None Detected
17429-WL-FWB-01C	Front Wing Basement Conference Room	Drywall Joint Compound Ceiling	None Detected
17429-WL-FWB-01D	Front Wing Basement Conference Room	Drywall Joint Compound Ceiling	Not Analyzed
17429-WL-FWB-02A	Front Wing Basement Maintenance Room	Rough Plaster Ceiling	None Detected
17429-WL-FWB-02B	Front Wing Basement Purchases Stores Receiving	Rough Plaster Ceiling	None Detected
17429-WL-FWB-02C	Front Wing Basement Purchases Stores Receiving	Rough Plaster Ceiling	None Detected
17429-WL-FWB-02D	Front Wing Basement	Smooth Plaster Ceiling	None Detected
17429-WL-FWB-03A	Front Wing Basement Corridor	Smooth Plaster Ceiling Skim Coat	None Detected
		Smooth Plaster Ceiling Base Coat	None Detected
17429-WL-FWB-03B	Front Wing Basement Corridor	Smooth Plaster Ceiling Skim Coat	None Detected
		Smooth Plaster Ceiling Base Coat	None Detected
17429-WL-FWB-03C	Front Wing Basement Corridor	Smooth Plaster Ceiling Skim Coat	None Detected
		Smooth Plaster Ceiling Base Coat	None Detected
17429-WL-FWB-03D	Front Wing Basement Corridor	Smooth Plaster Ceiling Skim Coat	None Detected
		Smooth Plaster Ceiling Base Coat	None Detected

TABLE 1
Summary of Bulk Samples

Sample Number	Location	Description	Asbestos Content
17429-WL-FWB-03E	Front Wing Basement Corridor	Smooth Plaster Ceiling Skim Coat	None Detected
		Smooth Plaster Ceiling Base Coat	None Detected
17429-WL-FWB-04A	Front Wing Basement	Ceiling Tile 1 - 2'x4' Fissures and Pinholes	None Detected
17429-WL-FWB-04B	Front Wing Basement	Ceiling Tile 1 - 2'x4' Fissures and Pinholes	None Detected
17429-WL-FWB-04C	Front Wing Basement	Ceiling Tile 1 - 2'x4' Fissures and Pinholes	None Detected
17429-WL-FWB-05A	Front Wing Basement Office	Ceiling Tile 2 - 2'x2' Long Fissures w/ Many Pinholes	None Detected
17429-WL-FWB-05B	Front Wing Basement Office	Ceiling Tile 2 - 2'x2' Long Fissures w/ Many Pinholes	None Detected
17429-WL-FWB-05C	Front Wing Basement Office	Ceiling Tile 2 - 2'x2' Long Fissures w/ Many Pinholes	None Detected
17429-WL-FWB-06A	Front Wing Basement Maintenance Shop	Drywall Joint Compound Wall	None Detected
17429-WL-FWB-07A	Front Wing Basement Corridor	Smooth Plaster Wall Skim Coat	None Detected
		Smooth Plaster Wall Base Coat	None Detected
17429-WL-FWB-07B	Front Wing Basement Corridor	Smooth Plaster Wall Skim Coat	None Detected
		Smooth Plaster Wall Base Coat	None Detected
17429-WL-FWB-07C	Front Wing Basement Corridor	Smooth Plaster Wall Skim Coat	None Detected
		Smooth Plaster Wall Base Coat	None Detected
17429-WL-FWB-07D	Front Wing Basement Conference Room	Smooth Plaster Wall Skim Coat	None Detected
		Smooth Plaster Wall Base Coat	None Detected
17429-WL-FWB-07E	Front Wing Basement Conference Room	Smooth Plaster Wall Skim Coat	None Detected
		Smooth Plaster Wall Base Coat	None Detected
17429-WL-FWB-08A	Front Wing Basement Goods Receiving	Rough Plaster Wall Skim Coat	None Detected
		Rough Plaster Wall Base Coat	None Detected
17429-WL-FWB-08B	Front Wing Basement Goods Receiving	Rough Plaster Wall Skim Coat	None Detected
		Rough Plaster Wall Base Coat	None Detected
17429-WL-FWB-08C	Front Wing Basement Goods Receiving	Rough Plaster Wall Skim Coat	None Detected
		Rough Plaster Wall Base Coat	None Detected
17429-WL-FWB-08D	Front Wing Basement Office	Rough Plaster Wall Skim Coat	None Detected
		Rough Plaster Wall Base Coat	None Detected

TABLE 1
 Summary of Bulk Samples

Sample Number	Location	Description	Asbestos Content
17429-WL-FWB-08E	Front Wing Basement Office	Rough Plaster Wall Skim Coat	None Detected
		Rough Plaster Wall Base Coat	None Detected
17429-WL-FWB-08F	Front Wing Basement Office	Rough Plaster Wall Skim Coat	None Detected
		Rough Plaster Wall Base Coat	None Detected
17429-WL-FWB-08G	Front Wing Basement Office	Rough Plaster Wall Skim Coat	None Detected
		Rough Plaster Wall Base Coat	None Detected
17429-WL-FWB-09A	Front Wing Basement Office	Ceiling Tile 3 - 2'x2' Small Fissures and Many Pinholes	None Detected
17429-WL-FWB-09B	Front Wing Basement Office	Ceiling Tile 3 - 2'x2' Small Fissures and Many Pinholes	None Detected
17429-WL-FWB-09C	Front Wing Basement Office	Ceiling Tile 3 - 2'x2' Small Fissures and Many Pinholes	None Detected
17429-WL-FWG-01A	Front Wing Ground Floor Washroom (A Wing)	Drywall Joint Compound Ceiling	None Detected
17429-WL-FWG-01B	Front Wing Ground Floor Washroom (A Wing)	Drywall Joint Compound Ceiling	None Detected
17429-WL-FWG-01C	Front Wing Ground Floor Washroom (A Wing)	Drywall Joint Compound Ceiling	None Detected
17429-WL-FWG-03A	Front Wing Ground Floor Auxiliary Closet	Smooth Plaster Ceiling Skim Coat	None Detected
		Smooth Plaster Ceiling Base Coat	None Detected
17429-WL-FWG-03B	Front Wing Ground Floor Auxiliary Closet	Smooth Plaster Ceiling Skim Coat	None Detected
		Smooth Plaster Ceiling Base Coat	None Detected
17429-WL-FWG-03C	Front Wing Ground Floor Shower Room (Maternity)	Smooth Plaster Ceiling Skim Coat	None Detected
		Smooth Plaster Ceiling Base Coat	None Detected
17429-WL-FWG-03D	Front Wing Ground Floor Patient Room	Smooth Plaster Ceiling Skim Coat	None Detected
		Smooth Plaster Ceiling Base Coat	None Detected
17429-WL-FWG-03E	Front Wing Ground Floor Patient Room	Smooth Plaster Ceiling Skim Coat	None Detected

TABLE 1
Summary of Bulk Samples

Sample Number	Location	Description	Asbestos Content
		Smooth Plaster Ceiling Base Coat	None Detected
17429-WL-FWG-03F	Front Wing Ground Floor Washroom (M Wing)	Smooth Plaster Ceiling Skim Coat	None Detected
		Smooth Plaster Ceiling Base Coat	None Detected
17429-WL-FWG-03G	Front Wing Ground Floor Washroom (M Wing)	Smooth Plaster Ceiling Skim Coat	None Detected
		Smooth Plaster Ceiling Base Coat	None Detected
17429-WL-FWG-04A	Front Wing Ground Floor	Ceiling Tile 4 - 2'x4' Fissures and Small Pinholes	2% Chrysotile
17429-WL-FWG-04B	Front Wing Ground Floor	Ceiling Tile 4 - 2'x4' Fissures and Small Pinholes	2% Chrysotile
17429-WL-FWG-04C	Front Wing Ground Floor	Ceiling Tile 4 - 2'x4' Fissures and Small Pinholes	2% Chrysotile
17429-WL-FWG-05A	Front Wing Ground Floor	Ceiling Tile 5 - 2'x4' Many Pinholes and Many Fissures	None Detected
17429-WL-FWG-05B	Front Wing Ground Floor	Ceiling Tile 5 - 2'x4' Many Pinholes and Many Fissures	None Detected
17429-WL-FWG-05C	Front Wing Ground Floor	Ceiling Tile 5 - 2'x4' Many Pinholes and Many Fissures	None Detected
17429-WL-FWG-06A	Front Wing Ground Floor Washroom	Drywall Joint Compound Wall	None Detected
17429-WL-FWG-06B	Front Wing Ground Floor Washroom	Drywall Joint Compound Wall	None Detected
17429-WL-FWG-06C	Front Wing Ground Floor Washroom	Drywall Joint Compound Wall	None Detected
17429-WL-FWG-07A	Front Wing Ground Floor Auxiliary Closet	Smooth Plaster Wall Skim Coat	None Detected
		Smooth Plaster Wall Base Coat	None Detected
17429-WL-FWG-07B	Front Wing Ground Floor Corridor	Smooth Plaster Wall Skim Coat	None Detected
		Smooth Plaster Wall Base Coat	None Detected
17429-WL-FWG-07C	Front Wing Ground Floor Corridor	Smooth Plaster Wall	None Detected
17429-WL-FWG-07D	Front Wing Ground Floor Bathroom	Smooth Plaster Wall Skim Coat	None Detected
		Smooth Plaster Wall Base Coat	None Detected

TABLE 1
 Summary of Bulk Samples

Sample Number	Location	Description	Asbestos Content
17429-WL-FWG-07E	Front Wing Ground Floor Corridor	Smooth Plaster Wall	None Detected
17429-WL-FWG-07F	Front Wing Ground Floor Corridor	Smooth Plaster Wall Skim Coat	None Detected
		Smooth Plaster Wall Base Coat	None Detected
17429-WL-FWG-07G	Front Wing Ground Floor Utility Closet	Smooth Plaster Wall	None Detected
17429-WL-FWG-11A	Front Wing Ground Floor	Ceiling Tile 6 - 2'x4' Long Fissures w/ Large Pinholes	None Detected
17429-WL-FWG-11B	Front Wing Ground Floor	Ceiling Tile 6 - 2'x4' Long Fissures w/ Large Pinholes	None Detected
17429-WL-FWG-11C	Front Wing Ground Floor	Ceiling Tile 6 - 2'x4' Long Fissures w/ Large Pinholes	None Detected
17429-WL-FW1-03A	Front Wing First Floor Custodial Closet	Smooth Plaster Ceiling Skim Coat	None Detected
		Smooth Plaster Ceiling Base Coat	None Detected
17429-WL-FW1-03B	Front Wing First Floor Washroom	Smooth Plaster Ceiling Skim Coat	None Detected
		Smooth Plaster Ceiling Base Coat	None Detected
17429-WL-FW1-03C	Front Wing First Floor Linen Closet	Smooth Plaster Ceiling Skim Coat	None Detected
		Smooth Plaster Ceiling Base Coat	None Detected
17429-WL-FW1-03D	Front Wing First Floor Eye Wash Room	Smooth Plaster Ceiling Skim Coat	None Detected
		Smooth Plaster Ceiling Base Coat	None Detected
17429-WL-FW1-03E	Front Wing First Floor Staff Room	Smooth Plaster Ceiling Skim Coat	None Detected
		Smooth Plaster Ceiling Base Coat	None Detected
17429-WL-FW1-03F	Front Wing First Floor Staff Room	Smooth Plaster Ceiling	None Detected
17429-WL-FW1-03G	Front Wing First Floor Linen Closet	Smooth Plaster Ceiling	None Detected

TABLE 1
Summary of Bulk Samples

Sample Number	Location	Description	Asbestos Content
17429-WL-FW1-06A	Front Wing First Floor Recreation Room	Drywall Joint Compound Wall	None Detected
17429-WL-FW1-06B	Front Wing First Floor Recreation Room	Drywall Joint Compound Wall	None Detected
17429-WL-FW1-06C	Front Wing First Floor Recreation Room	Drywall Joint Compound Wall	None Detected
17429-WL-FW1-06D	Front Wing First Floor Recreation Room	Drywall Joint Compound Wall	None Detected
17429-WL-FW1-06E	Front Wing First Floor Recreation Room	Drywall Joint Compound Wall	None Detected
17429-WL-FW1-07A	Front Wing First Floor Custodial Room	Smooth Plaster Wall Skim Coat	None Detected
		Smooth Plaster Wall Base Coat	None Detected
17429-WL-FW1-07B	Front Wing First Floor Washroom	Smooth Plaster Wall Skim Coat	None Detected
		Smooth Plaster Wall Base Coat	None Detected
17429-WL-FW1-07C	Front Wing First Floor Dirty Utility Room	Smooth Plaster Wall Skim Coat	None Detected
		Smooth Plaster Wall Base Coat	None Detected
17429-WL-FW1-07D	Front Wing First Floor Corridor	Smooth Plaster Wall Skim Coat	None Detected
		Smooth Plaster Wall Base Coat	None Detected
17429-WL-FW1-07E	Front Wing First Floor Corridor	Smooth Plaster Wall Skim Coat	None Detected
		Smooth Plaster Wall Base Coat	None Detected
17429-WL-FW1-07F	Front Wing First Floor Corridor	Smooth Plaster Wall	None Detected
17429-WL-FW1-07G	Front Wing First Floor Corridor	Smooth Plaster Wall	None Detected
17429-WL-FW1-12A	Front Wing First Floor Front Entrance	Ceiling Tile 7 - 1'x1' Fissures and Pinholes	None Detected
17429-WL-FW1-12B	Front Wing First Floor Front Entrance	Ceiling Tile 7 - 1'x1' Fissures and Pinholes	None Detected
17429-WL-FW1-12C	Front Wing First Floor Front Entrance	Ceiling Tile 7 - 1'x1' Fissures and Pinholes	None Detected
17429-WL-MWB-01A	Middle Wing Basement Washroom	Drywall Joint Compound Ceiling	None Detected
17429-WL-MWB-01B	Middle Wing Basement Washroom	Drywall Joint Compound Ceiling	None Detected
17429-WL-MWB-01C	Middle Wing Basement Washroom	Drywall Joint Compound Ceiling	None Detected

TABLE 1
Summary of Bulk Samples

Sample Number	Location	Description	Asbestos Content
17429-WL-MWB-01D	Middle Wing Basement Washroom	Drywall Joint Compound Ceiling	None Detected
17429-WL-MWB-02A	Middle Wing Basement Custodial Room	Plaster Ceiling Skim Coat	None Detected
		Plaster Ceiling Base Coat	None Detected
17429-WL-MWB-02B	Middle Wing Basement Washroom	Plaster Ceiling Skim Coat	None Detected
		Plaster Ceiling Base Coat	None Detected
17429-WL-MWB-02C	Middle Wing Basement Office	Plaster Ceiling Skim Coat	None Detected
		Plaster Ceiling Base Coat	None Detected
17429-WL-MWB-02D	Middle Wing Basement Custodial Room	Plaster Ceiling	None Detected
17429-WL-MWB-02E	Middle Wing Basement Custodial Room	Plaster Ceiling	None Detected
17429-WL-MWB-02F	Middle Wing Basement Adjacent to Morgue	Plaster Ceiling Skim Coat	None Detected
		Plaster Ceiling Base Coat	None Detected
17429-WL-MWB-03A	Middle Wing Basement Mechanical Room	Rough Plaster Ceiling	None Detected
17429-WL-MWB-03B	Middle Wing Basement Mechanical Room	Rough Plaster Ceiling	None Detected
17429-WL-MWB-03C	Middle Wing Basement Mechanical Room	Rough Plaster Ceiling	None Detected
17429-WL-MWB-03D	Middle Wing Basement Mechanical Room	Rough Plaster Ceiling	None Detected
17429-WL-MWB-03E	Middle Wing Basement Mechanical Room	Rough Plaster Ceiling	None Detected
17429-WL-MWB-03F	Middle Wing Basement Mechanical Room	Rough Plaster Ceiling	None Detected
17429-WL-MWB-03G	Middle Wing Basement Mechanical Room	Rough Plaster Ceiling	None Detected
17429-WL-MWB-06A	Middle Wing Basement Washroom	Drywall Joint Compound Wall	None Detected
17429-WL-MWB-06B	Middle Wing Basement Health and Safety Office	Drywall Joint Compound Wall	None Detected

TABLE 1
Summary of Bulk Samples

Sample Number	Location	Description	Asbestos Content
17429-WL-MWB-06C	Middle Wing Basement Health and Safety Office	Drywall Joint Compound Wall	None Detected
17429-WL-MWB-07A	Middle Wing Basement Janitor's Closet	Plaster Wall	None Detected
17429-WL-MWB-07B	Middle Wing Basement Janitor's Closet	Plaster Wall Skim Coat	None Detected
		Plaster Wall Base Coat	None Detected
17429-WL-MWB-07C	Middle Wing Basement Office	Plaster Wall	None Detected
17429-WL-MWB-07D	Middle Wing Basement Office	Plaster Wall	None Detected
17429-WL-MWB-07E	Middle Wing Basement Conference Room	Plaster Wall Skim Coat	None Detected
		Plaster Wall Base Coat	None Detected
17429-WL-MWB-07F	Middle Wing Basement Storage Room	Plaster Wall	None Detected
17429-WL-MWB-07G	Middle Wing Basement Conference Room	Plaster Wall	None Detected
17429-WL-MWB-10A	Middle Wing Basement PT Room	Ceiling Tile 8 - 2'x4' Deep Fissures and Pinholes	None Detected
17429-WL-MWB-10B	Middle Wing Basement PT Room	Ceiling Tile 8 - 2'x4' Deep Fissures and Pinholes	None Detected
17429-WL-MWB-10C	Middle Wing Basement PT Room	Ceiling Tile 8 - 2'x4' Deep Fissures and Pinholes	None Detected
17429-WL-MWG-03A	Middle Wing Ground Floor X-Ray Washroom	Smooth Plaster Ceiling Skim Coat	None Detected
		Smooth Plaster Ceiling Base Coat	None Detected
17429-WL-MWG-03B	Middle Wing Ground Floor X-Ray Washroom	Smooth Plaster Ceiling Skim Coat	None Detected
		Smooth Plaster Ceiling Base Coat	None Detected
17429-WL-MWG-03C	Middle Wing Ground Floor X-Ray Electrical Room	Smooth Plaster Ceiling Skim Coat	None Detected
		Smooth Plaster Ceiling Base Coat	None Detected
17429-WL-MWG-03D	Middle Wing Ground Floor X-Ray Washroom	Smooth Plaster Ceiling Skim Coat	None Detected

TABLE 1
Summary of Bulk Samples

Sample Number	Location	Description	Asbestos Content
		Smooth Plaster Ceiling Base Coat	None Detected
17429-WL-MWG-03E	Middle Wing Ground Floor Linen Room	Smooth Plaster Ceiling Skim Coat	None Detected
		Smooth Plaster Ceiling Base Coat	None Detected
17429-WL-MWG-03F	Middle Wing Ground Floor Supply Room	Smooth Plaster Ceiling Skim Coat	None Detected
		Smooth Plaster Ceiling Base Coat	None Detected
17429-WL-MWG-03G	Middle Wing Ground Floor Supply Room	Smooth Plaster Ceiling Skim Coat	None Detected
		Smooth Plaster Ceiling Base Coat	None Detected
17429-WL-MWG-05A	Middle Wing Ground Floor	Ceiling Tile 9 - 2'x4' Small and Large Fissures w/ Pinholes	None Detected
17429-WL-MWG-05B	Middle Wing Ground Floor	Ceiling Tile 9 - 2'x4' Small and Large Fissures w/ Pinholes	None Detected
17429-WL-MWG-05C	Middle Wing Ground Floor	Ceiling Tile 9 - 2'x4' Small and Large Fissures w/ Pinholes	None Detected
17429-WL-MWG-06A	Middle Wing Ground Floor Mammograph Suite	Drywall Joint Compound Wall	None Detected
17429-WL-MWG-06B	Middle Wing Ground Floor Mammograph Suite	Drywall Joint Compound Wall	None Detected
17429-WL-MWG-06C	Middle Wing Ground Floor Mammograph Suite	Drywall Joint Compound Wall	None Detected
17429-WL-MWG-06D	Middle Wing Ground Floor Mammograph Suite	Drywall Joint Compound Wall	None Detected
17429-WL-MWG-06E	Middle Wing Ground Floor Mammograph Suite	Drywall Joint Compound Wall	None Detected
17429-WL-MWG-07A	Middle Wing Ground Floor X-Ray Washroom	Smooth Plaster Wall Skim Coat	None Detected
		Smooth Plaster Wall Base Coat	None Detected
17429-WL-MWG-07B	Middle Wing Ground Floor X-Ray Electrical Room	Smooth Plaster Wall Skim Coat	None Detected
		Smooth Plaster Wall Base Coat	None Detected
17429-WL-MWG-07C	Middle Wing Ground Floor Staff Washroom	Smooth Plaster Wall Skim Coat	None Detected
		Smooth Plaster Wall Base Coat	None Detected
		Smooth Plaster Wall Skim Coat	None Detected

TABLE 1
Summary of Bulk Samples

Sample Number	Location	Description	Asbestos Content
17429-WL-MWG-07D	Middle Wing Ground Floor Linen Room	Smooth Plaster Wall Base Coat	None Detected
17429-WL-MWG-07E	Middle Wing Ground Floor Supply Room	Smooth Plaster Wall Skim Coat	None Detected
		Smooth Plaster Wall Base Coat	None Detected
17429-WL-MWG-07F	Middle Wing Ground Floor Kitchenette	Smooth Plaster Wall Skim Coat	None Detected
		Smooth Plaster Wall Base Coat	None Detected
17429-WL-MWG-11A	Middle Wing Ground Floor	Ceiling Tile 10 - 2'x4' Small Fissures and Pinholes	None Detected
17429-WL-MWG-11B	Middle Wing Ground Floor	Ceiling Tile 10 - 2'x4' Small Fissures and Pinholes	None Detected
17429-WL-MWG-11C	Middle Wing Ground Floor	Ceiling Tile 10 - 2'x4' Small Fissures and Pinholes	None Detected
17429-WL-MW1-03A	Middle Wing First Floor D-15	Smooth Plaster Ceiling	None Detected
17429-WL-MW1-03B	Middle Wing First Floor Kitchenette	Smooth Plaster Ceiling	None Detected
17429-WL-MW1-03C	Middle Wing First Floor Women's Changeroom	Smooth Plaster Ceiling	None Detected
17429-WL-MW1-03D	Middle Wing First Floor Kitchenette	Smooth Plaster Ceiling	None Detected
17429-WL-MW1-03E	Middle Wing First Floor Public Washroom	Smooth Plaster Ceiling	None Detected
17429-WL-MW1-03F	Middle Wing First Floor Lounge Washroom	Smooth Plaster Ceiling	None Detected
17429-WL-MW1-07A	Middle Wing First Floor Corridor	Smooth Plaster Wall	None Detected
17429-WL-MW1-07B	Middle Wing First Floor D-15	Smooth Plaster Wall	None Detected
17429-WL-MW1-07C	Middle Wing First Floor Corridor	Smooth Plaster Wall	None Detected
17429-WL-MW1-07D	Middle Wing First Floor Women's Changeroom	Smooth Plaster Wall	None Detected
17429-WL-MW1-07E	Middle Wing First Floor Corridor	Smooth Plaster Wall	None Detected
17429-WL-KAW-01A	Kitchen Area Corridor	Drywall Joint Compound Ceiling	None Detected

TABLE 1
 Summary of Bulk Samples

Sample Number	Location	Description	Asbestos Content
17429-WL-KAW-01B	Kitchen Area Corridor	Drywall Joint Compound Ceiling	None Detected
17429-WL-KAW-01C	Kitchen Area Corridor	Drywall Joint Compound Ceiling	None Detected
17429-WL-KAW-01D	Kitchen Area Corridor	Drywall Joint Compound Ceiling	None Detected
17429-WL-KAW-01E	Kitchen Area Vestibule	Drywall Joint Compound Ceiling	None Detected
17429-WL-KAW-01F	Kitchen Area Vestibule	Drywall Joint Compound Ceiling	None Detected
17429-WL-KAW-01G	Kitchen Area Vestibule	Drywall Joint Compound Ceiling	None Detected
17429-WL-KAW-06A	Kitchen Area Corridor	Drywall Joint Compound Wall	None Detected
17429-WL-KAW-06B	Kitchen Area Corridor	Drywall Joint Compound Wall	None Detected
17429-WL-KAW-06C	Kitchen Area Cafeteria	Drywall Joint Compound Wall	None Detected
17429-WL-KAW-06D	Kitchen Area Cafeteria	Drywall Joint Compound Wall	None Detected
17429-WL-NR-02A	Nurses' Residence Front Entrance	Textured/Rough Plaster Ceiling	None Detected
17429-WL-NR-02B	Nurses' Residence Front Entrance	Textured/Rough Plaster Ceiling	None Detected
17429-WL-NR-02C	Nurses' Residence Front Entrance	Textured/Rough Plaster Ceiling	None Detected
17429-WL-NR-02D	Nurses' Residence Front Entrance	Textured/Rough Plaster Ceiling	None Detected
17429-WL-NR-02E	Nurses' Residence Front Entrance	Textured/Rough Plaster Ceiling	None Detected
17429-WL-NR-03A	Nurse's Residence Waiting Room	Smooth Plaster Ceiling	None Detected
17429-WL-NR-03B	Nurses' Residence Office	Smooth Plaster Ceiling	None Detected
17429-WL-NR-03C	Nurses' Residence Women's Washroom	Smooth Plaster Ceiling	None Detected

TABLE 1			
Summary of Bulk Samples			
Sample Number	Location	Description	Asbestos Content
17429-WL-NR-03D	Nurses' Residence Men's Washroom	Smooth Plaster Ceiling	None Detected
17429-WL-NR-03E	Nurses' Residence Conference Room	Smooth Plaster Ceiling	None Detected
17429-WL-NR-03F	Nurses' Residence Conference Room	Smooth Plaster Ceiling	None Detected
17429-WL-NR-05A	Nurses' Residence Corridor	Ceiling Tile 5 - 2'x4'Many Pinholes and Fissures	None Detected
17429-WL-NR-05B	Nurses' Residence Corridor	Ceiling Tile 5 - 2'x4'Many Pinholes and Fissures	None Detected
17429-WL-NR-05C	Nurses' Residence Corridor	Ceiling Tile 5 - 2'x4'Many Pinholes and Fissures	None Detected
17429-WL-NR-06A	Nurses' Residence Women's Washroom	Drywall Joint Compound Wall	None Detected
17429-WL-NR-06B	Nurses' Residence Women's Washroom	Drywall Joint Compound Wall	None Detected
17429-WL-NR-06D	Nurses' Residence Women's Washroom	Drywall Joint Compound Wall	None Detected
17429-WL-NR-06E	Nurses' Residence Women's Washroom	Drywall Joint Compound Wall	None Detected
17429-WL-NR-07A	Nurses' Resident Front Entrance	Plaster Wall	None Detected
	<i>- shading indicates sample result positive for asbestos (if applicable)</i>		

Observations and Findings:

The areas of investigation included primary wall and ceiling finishes (drywall joint compound and plaster) throughout the E.R.-Wing, Front-Wing, Middle-Wing, Kitchen and Former Nurses' Residence of the WLMH. General site conditions, bulk sampling and asbestos-related information consist of the following:

Samples of ceiling tiles, plaster and drywall joint compound applied to gypsum board (drywall) "primary" walls and ceilings (i.e. walls and ceilings that are exposed and accessible without demolition) were collected to supplement previous sampling, as follows:

ER Wing

- i. A total of ten (10) samples of drywall joint compound (wall), five (5) samples per level, were collected from various locations throughout the Basement and Ground Floor (samples 17429-WL-ERB-06A-E and 17429-WL-ERG-06A-E). Laboratory analysis determined this material does not contain asbestos.
- ii. A total of nine (9) samples of rough and smooth plaster (wall), four-to-five (4-5) samples per level, were collected from various locations throughout the ER Wing (samples 17429-WL-ERB-07A-D, and 17429-WL-ERG-07A-E). Laboratory analysis determined this material does not contain asbestos.
- iii. A total of thirteen (13) samples of rough and smooth plaster (ceiling), six-to-seven (6-7) samples per level, were collected from various locations throughout the ER Wing (samples 17429-WL-ERB-03A-F and 17429-WL-ERG-03A-G). Laboratory analysis determined this material does not contain asbestos.
- iv. A total of three (3) samples of ceiling tiles were collected from the ER Wing Basement (samples 17429-WL-ERB-05A-C). Laboratory analysis determined this material does not contain asbestos.

Front Wing

- i. A total of nine (9) samples of drywall joint compound (wall), one-to-five (1-5) samples per level, were collected from various locations throughout the Front Wing (samples 17429-WL-FWB-06A, 17429-WL-FWG-06A-C, and -17429-FW1-06A-E). Laboratory analysis determined this material does not contain asbestos.
- ii. A total of seven (7) samples of drywall joint compound (ceiling), three-to-four (3-4) samples per level, were collected from various locations throughout the Basement and Ground Floor. (samples 17429-WL-FWB-01A-D and 17429-WL-FWG-01A-C). Laboratory analysis determined this material does not contain asbestos.
- iii. A total of twenty-six (26) samples of rough and smooth plaster (wall), five-to-seven (5-7) samples per level, were collected from various locations throughout the Front Wing (samples 17429-WL-FWB-07A-E, 17429-WL-FWB-08A-G, 17429-WL-FWG-07A-G, and 17429-WL-FW1-07A-G). Laboratory analysis determined this material does not contain asbestos.
- iv. A total of twenty-three (23) samples of rough and smooth plaster (ceiling), four-to-seven (4-7) samples per level, were collected from various locations throughout the Front Wing (samples 17429-WL-FWB-02A-D, 17429-WL-FWB-03A-E, 17429-WL-FWG-03A-G, and 17429-WL-FW1-03A-G). Laboratory analysis determined this material does not contain asbestos.

- v. A total of twenty-one (21) samples of ceiling tiles, three (3) samples per location, were collected from various locations throughout the Front Wing (samples 17429-WL-FWB-04A-C, 17429-WL-FWB-05A-C, 17429-WL-FWB-09A-C, 17429-WL-FWG-04A-C, 17429-WL-FWG-05A-C, 17429-WL-FWG-11A-C and 17429-WL-FW1-12A-C). Laboratory analysis identified **asbestos-content (2% Chrysotile) in 2' x 4' Fissures and Small Pinhole patter ceiling tile** (17429-WL-FWG-04A-C). All other ceiling tiles identified in the Front Wing were determined by laboratory analysis to be non-asbestos containing.

Middle Wing

- i. A total of eight (8) samples of drywall joint compound (wall), three-to-five (3-5) samples per level, were collected from various locations throughout the Basement and Ground Floor Levels of the Middle Wing (samples 17429-WL-MWB-06A-C and 17429-WL-MWG-06A-E). Laboratory analysis determined this material does not contain asbestos.
- ii. A total of four (4) samples of drywall joint compound (ceiling), were collected from the Washroom in the Basement Level of the Middle Wing (samples 17429-WL-MWB-01A-D). Laboratory analysis determined this material does not contain asbestos.
- iii. A total of eighteen (18) samples of rough and smooth plaster (wall), five-to-seven (5-7) samples per level, were collected from various locations throughout the Basement and Ground Floor Levels of the Middle Wing (samples 17429-WL-MWB-07A-G, 17429-WL-MWG-07A-F, and 17429-WL-MW1-07A-E). Laboratory analysis determined this material does not contain asbestos.
- iv. A total of twenty-six (26) samples of rough and smooth plaster (ceiling), six-to-seven (6-7) samples per level, were collected from various locations throughout the Middle Wing (samples 17429-WL-MWB-02A-F, 17429-WL-MWB-03A-G, 17429-WL-MWG-03A-G, and 17429-WL-MW1-03A-F). Laboratory analysis determined this material does not contain asbestos.
- v. A total of nine (9) samples of ceiling tiles, three (3) samples per location, were collected from various locations throughout the Middle Wing (samples 17429-WL-MWB-10A-C, 17429-WL-MWG-05A-C, and 17429-WL-MWG-11A-C). Laboratory analysis determined this material does not contain asbestos.

Kitchen Area

- i. A total of four (4) samples of drywall joint compound (wall), were collected from the Kitchen Area (samples 17429-WL-KAW-06A-D). Laboratory analysis determined this material does not contain asbestos.
- ii. A total of seven (7) samples of drywall joint compound (ceiling), were collected from the Kitchen Area (samples 17429-WL-KAW-01A-G). Laboratory analysis determined this material does not contain asbestos.

Nurses' Residence

- iii. A total of one (1) sample of plaster (wall), was collected from the Nurses' Residence (sample 17429-WL-NR-07A). Laboratory analysis determined this material does not contain asbestos.
- iv. A total of eleven (11) samples of textured/rough and smooth plaster (ceiling), were collected from the Nurses' Residence (samples 17429-WL-NR-02A-E and 17429-WL-NR-03A-F). Laboratory analysis determined this material does not contain asbestos.
- v. A total of four (4) samples of drywall joint compound (wall), were collected from the Nurses' Residence (samples 17429-WL-NR-06A-E). Laboratory analysis determined this material does not contain asbestos.
- vi. A total of three (3) samples of ceiling tiles were collected from the Nurses' Residence (samples 17429-WL-NR-05A-C). Laboratory analysis determined this material does not contain asbestos.

Discussion of Results and Recommendations:

Based on the analytical results and on-site observations, ECOH offers the following recommendations for your consideration. The recommendations meet requirements of Designated Substance – Regulation respecting Asbestos on Construction Projects and in Buildings and Repair Operations, Ontario Regulation 278/05.

- As asbestos-containing materials are confirmed and/or assumed to be present within the facility, the policies and procedures as outlined in the Asbestos Management Program (AMP) should continue to be implemented. Reassessment of the condition of ACM should be conducted by a knowledgeable person annually (at a minimum).
- Walls within the WLMH are primarily comprised of plaster, drywall and concrete block.
- Plaster walls and ceilings throughout WLMH are non-asbestos containing based on the results of bulk sampling.
- Drywall walls and ceilings throughout WLMH are non-asbestos containing based on results of bulk sampling and previously conducted assessments.

- Ceiling tiles throughout WLMH are for the most part non-asbestos containing, however, **asbestos-containing ceiling tiles described as 2’x4’ Fissures and Small Pinholes pattern, were observed within the Corridor “C” of the Front Wing.**
- Prior to renovations, maintenance work or building demolition, consideration should be given to sampling materials that may not have been previously sampled. Also, additional sampling and investigation may be required prior to renovations, maintenance work or building demolition to ensure that concealed conditions are assessed and project-specific requirements for asbestos sampling are in compliance with Section 30 of the Ontario Occupational Health and Safety Act (OHSA) and Ontario Regulation 278/05. As an alternative to sampling, suspect materials they may be assumed to contain asbestos.
- Removal or disturbance of materials confirmed to be non-asbestos does not require asbestos safety precautions but should employ general health and safety precautions that may include dust suppression methods.
- Workers who are likely to disturb the materials listed above must be informed that such materials may contain asbestos and that asbestos precautions may be required. Removal of known or assumed ACM must be conducted in accordance with all applicable regulations and the Asbestos Management Plan (AMP).

Please refer to the accompanying Certificates of Analysis from EMSL Scientific Inc. Laboratory to confirm the above-noted analytical results and for further details regarding the composition of the sample(s). For your records, the Chain of Custody and Certificate of Analysis for all sampling are attached.

Limitations:

The observations, results and conclusions drawn by ECOH Management Inc. (ECOH) are limited to the specific scope of work for which ECOH was retained, and are based solely on information generated as a result of the specific scope of work authorized by the Client. Only those items that are capable of being observed, and are reasonably obvious to ECOH personnel or have been identified to ECOH by other parties, can be reported. ECOH has exercised a degree of thoroughness and competence that is consistent with the profession during the execution of this assessment. ECOH considers the opinions and information as they are presented in this report to be factual at the time of the assessment. The conclusions are limited to the specific locations of where testing and/or observations were completed during the course of the assessment.

It is important to note that work was completed with the utmost care and our extensive expertise in carrying out assessments. ECOH believes that the information collected during the assessment concerning the Project Area is reliable. No other warranties are implied or expressed. ECOH, to the best of its knowledge, believes this report to be accurate, however, ECOH cannot guarantee the completeness or accuracy of information supplied to ECOH by third parties.

ECOH is an Environmental Consulting Company and as such any results or conclusions presented in this report should not be construed as legal advice. The material in this report reflects ECOH's professional interpretation of information available at the time of report preparation. Any use which a third party makes of this report, or any reliance on or decisions to be made based on it, are the responsibility of such third parties. ECOH accepts no responsibility for damages, if any, suffered by any third party as a result of decisions made or actions based on this report. Should additional information become available that suggests other environmental issues of concern beyond that described in this report, ECOH Management Inc. retains the right to review this information and modify conclusions and recommendations presented in this report accordingly.

Should you have any questions, please do not hesitate to contact us at (905) 795-2800.

Sincerely,

ECOH
Environmental Consulting
Occupational Health

Prepared By:



Arianne Bohnert B.A.(Env.)
Environmental Scientist

Reviewed By:



Brian Edwardson, M.S., B.Sc.(Env.)
Senior Project Manager

Attachment 1: Certificate of Analysis
Attachment 2: Drawings – Asbestos Bulk Sample Locations

ATTACHMENT 1
CERTIFICATE OF ANALYSIS



EMSL Canada Inc.

2756 Slough Street Mississauga, ON L9T 5N4

Tel/Fax: (289) 997-4602 / (289) 997-4607

<http://www.EMSL.com> / torontolab@emsl.com

EMSL Canada Order: 551704821

Customer ID: 55ECOH45

Customer PO: 17429-WL

Project ID:

Attention: Brittanie Semper
ECOH Management, Inc.
75 Courtneypark Drive West
Unit 1
Mississauga, ON L5W 0E3

Phone: (905) 795-2800

Fax: (905) 795-2870

Received Date: 05/01/2017 5:00 PM

Analysis Date: 05/07/2017

Collected Date: 04/19/2017 - 04/20/2017

Project: 17429-WL West Lincoln ER WING

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
17429-WL-ERB- 03A <small>551704821-0001</small>	Smooth Plaster Ceiling - Washroom	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
17429-WL-ERB- 03B <small>551704821-0002</small>	Smooth Plaster Ceiling - Washroom	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
17429-WL-ERB- 03C <small>551704821-0003</small>	Smooth Plaster Ceiling - Lab	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
17429-WL-ERB- 03D <small>551704821-0004</small>	Smooth Plaster Ceiling - Washroom	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
17429-WL-ERB- 03E <small>551704821-0005</small>	Smooth Plaster Ceiling - Office	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
17429-WL-ERB- 03F <small>551704821-0006</small>	Smooth Plaster Ceiling - Janitor's Closet	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
17429-WL-ERB- 06A <small>551704821-0007</small>	Drywall Joint Compound - Wall - EEG Centre	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
17429-WL-ERB- 06B <small>551704821-0008</small>	Drywall Joint Compound - Wall - EEG Centre	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
17429-WL-ERB- 06C <small>551704821-0009</small>	Drywall Joint Compound - Wall - EEG Centre	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
17429-WL-ERB- 06D <small>551704821-0010</small>	Drywall Joint Compound - Wall - Corridor	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
17429-WL-ERB- 06E <small>551704821-0011</small>	Drywall Joint Compound - Wall - Corridor	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
17429-WL-ERB- 07A <small>551704821-0012</small>	Plaster Wall - Bathroom	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
17429-WL-ERB- 07B <small>551704821-0013</small>	Plaster Wall - Bathroom	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
17429-WL-ERB- 07C <small>551704821-0014</small>	Plaster Wall - Lab	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
17429-WL-ERB- 07D <small>551704821-0015</small>	Plaster Wall - Lab	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
17429-WL-ERG- 03A <small>551704821-0016</small>	Smooth Plaster Ceiling - Waiting Room Washroom	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Initial report from: 05/08/2017 17:03:11



EMSL Canada Inc.

2756 Slough Street Mississauga, ON L9T 5N4

Tel/Fax: (289) 997-4602 / (289) 997-4607

<http://www.EMSL.com> / torontolab@emsl.com

EMSL Canada Order: 551704821

Customer ID: 55ECOH45

Customer PO: 17429-WL

Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
17429-WL-ERG- 03B 551704821-0017	Smooth Plaster Ceiling - Emerg Washroom	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
17429-WL-ERG- 03C 551704821-0018	Smooth Plaster Ceiling - Emergency Room	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
17429-WL-ERG- 03D 551704821-0019	Smooth Plaster Ceiling - Observation Room A	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
17429-WL-ERG- 03E 551704821-0020	Smooth Plaster Ceiling - Emergency Room #1	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
17429-WL-ERG- 03F 551704821-0021	Smooth Plaster Ceiling - Staff Washroom	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
17429-WL-ERG- 03G 551704821-0022	Smooth Plaster Ceiling - Janitor Room	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
17429-WL-ERG- 06A 551704821-0023	DJC - Wall - Emergency Reception	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
17429-WL-ERG- 06B 551704821-0024	DJC - Wall - Emergency Entrance	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
17429-WL-ERG- 06C 551704821-0025	DJC - Wall - Emergency Entrance	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
17429-WL-ERG- 06D 551704821-0026	DJC - Wall - Emergency Reception	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
17429-WL-ERG- 06E 551704821-0027	DJC - Wall - Emergency Reception	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
17429-WL-ERG- 07A 551704821-0028	Smooth Plaster Wall - Information/Admitting	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
17429-WL-ERG- 07B 551704821-0029	Smooth Plaster Wall - Corridor	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
17429-WL-ERG- 07C 551704821-0030	Smooth Plaster Wall - Waiting Room	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
17429-WL-ERG- 07D 551704821-0031	Smooth Plaster Wall - Waiting Room Washroom	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
17429-WL-ERG- 07E 551704821-0032	Smooth Plaster Wall - Waiting Room Washroom	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
17429-WL-ERG- 05A 551704821-0033	Ceiling Tile - 2'x4' Fissures and Pinholes	Tan/White Fibrous Homogeneous	50% Cellulose 30% Min. Wool	20% Non-fibrous (Other)	None Detected
17429-WL-ERG- 05B 551704821-0034	Ceiling Tile - 2'x4' Fissures and Pinholes	Tan/White Fibrous Homogeneous	50% Cellulose 30% Min. Wool	20% Non-fibrous (Other)	None Detected
17429-WL-ERG- 05C 551704821-0035	Ceiling Tile - 2'x4' Fissures and Pinholes	Tan/White Fibrous Homogeneous	50% Cellulose 30% Min. Wool	20% Non-fibrous (Other)	None Detected

Initial report from: 05/08/2017 17:03:11



EMSL Canada Inc.

2756 Slough Street Mississauga, ON L9T 5N4

Tel/Fax: (289) 997-4602 / (289) 997-4607

<http://www.EMSL.com> / torontolab@emsl.com

EMSL Canada Order: 551704821

Customer ID: 55ECOH45

Customer PO: 17429-WL

Project ID:

Analyst(s)

Kevin Ream (35)

Matthew Davis
or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. Non-friable organically bound materials present a problem matrix and therefore EMSL recommends gravimetric reduction prior to analysis. Samples received in good condition unless otherwise noted. Estimated accuracy, precision and uncertainty data available upon request. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Reporting limit is 1%

Samples analyzed by EMSL Analytical, Inc. Plymouth Meeting, PA NVLAP Lab Code 200699-0, Philadelphia 292, VA 3333 00315, Massachusetts AA000230

Initial report from: 05/08/2017 17:03:11



EMSL Canada Inc.

2756 Slough Street Mississauga, ON L9T 5N4

Tel/Fax: (289) 997-4602 / (289) 997-4607

<http://www.EMSL.com> / torontolab@emsl.com

EMSL Canada Order: 551704806

Customer ID: 55ECOH45

Customer PO: 17429-WL

Project ID:

Attention: Brittanie Semper
ECOH Management, Inc.
75 Courtneypark Drive West
Unit 1
Mississauga, ON L5W 0E3

Phone: (905) 795-2800

Fax: (905) 795-2870

Received Date: 05/01/2017 5:00 PM

Analysis Date: 05/05/2017

Collected Date: 04/19/2017 - 04/20/2017

Project: 17429-WL West Lincoln FRONT WING

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
17429-WL-FWB 01A <small>551704806-0001</small>	Drywall Joint Compound - Ceiling - Corridor	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
17429-WL-FWB 01B <small>551704806-0002</small>	Drywall Joint Compound - Ceiling - Conference Room	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
17429-WL-FWB 01C <small>551704806-0003</small>	Drywall Joint Compound - Ceiling - Conference Room	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
17429-WL-FWB 01D <small>551704806-0004</small>	Drywall Joint Compound - Ceiling - Corridor				Not Submitted
17429-WL-FWB 02A <small>551704806-0005</small>	Rough Plaster Ceiling - Maintenance Room	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
17429-WL-FWB 02B <small>551704806-0006</small>	Rough Plaster Ceiling - Purchases Stores Receiving	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
17429-WL-FWB 02C <small>551704806-0007</small>	Rough Plaster Ceiling - Purchases Stores Receiving	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
17429-WL-FWB 02D <small>551704806-0008</small>	Smooth Plaster Ceiling	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
17429-WL-FWB 03A-Skim Coat <small>551704806-0009</small>	Smooth Plaster Ceiling - Conference Room	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
17429-WL-FWB 03A-Base Coat <small>551704806-0009A</small>	Smooth Plaster Ceiling - Conference Room	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
17429-WL-FWB 03B-Skim Coat <small>551704806-0010</small>	Smooth Plaster Ceiling - Corridor	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
17429-WL-FWB 03B-Base Coat <small>551704806-0010A</small>	Smooth Plaster Ceiling - Corridor	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
17429-WL-FWB 03C-Skim Coat <small>551704806-0011</small>	Smooth Plaster Ceiling - Corridor	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
17429-WL-FWB 03C-Base Coat <small>551704806-0011A</small>	Smooth Plaster Ceiling - Corridor	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Initial report from: 05/08/2017 10:33:50



EMSL Canada Inc.

2756 Slough Street Mississauga, ON L9T 5N4

Tel/Fax: (289) 997-4602 / (289) 997-4607

<http://www.EMSL.com> / torontolab@emsl.com

EMSL Canada Order: 551704806

Customer ID: 55ECOH45

Customer PO: 17429-WL

Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
17429-WL-FWB 03D-Skim Coat	Smooth Plaster Ceiling	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
551704806-0012					
17429-WL-FWB 03D-Base Coat	Smooth Plaster Ceiling	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
551704806-0012A					
17429-WL-FWB 03E-Skim Coat	Smooth Plaster Ceiling - Corridor	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
551704806-0013					
17429-WL-FWB 03E-Base Coat	Smooth Plaster Ceiling - Corridor	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
551704806-0013A					
17429-WL-FWB 04A	Ceiling Tile - 2'x4' Fissure and Pinholes	Gray Fibrous Homogeneous	60% Cellulose 20% Min. Wool	20% Non-fibrous (Other)	None Detected
551704806-0014					
17429-WL-FWB 04B	Ceiling Tile - 2'x4' Fissure and Pinholes	Gray Fibrous Homogeneous	60% Cellulose 20% Min. Wool	20% Non-fibrous (Other)	None Detected
551704806-0015					
17429-WL-FWB 04C	Ceiling Tile - 2'x4' Fissure and Pinholes	Gray Fibrous Homogeneous	60% Cellulose 20% Min. Wool	20% Non-fibrous (Other)	None Detected
551704806-0016					
17429-WL-FWB 05A	Ceiling Tile - 2'x2' Long Fissures w/ Many Pinholes - Office	Gray Fibrous Homogeneous	75% Cellulose	25% Non-fibrous (Other)	None Detected
551704806-0017					
17429-WL-FWB 05B	Ceiling Tile - 2'x2' Long Fissures w/ Many Pinholes - Office	Gray Fibrous Homogeneous	75% Cellulose	25% Non-fibrous (Other)	None Detected
551704806-0018					
17429-WL-FWB 05C	Ceiling Tile - 2'x2' Long Fissures w/ Many Pinholes - Office	Gray Fibrous Homogeneous	75% Cellulose	25% Non-fibrous (Other)	None Detected
551704806-0019					
17429-WL-FWB 06A	Drywall Joint Compound - Wall - Maintenance Shop	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
551704806-0020					
17429-WL-FWB 07A-Skim Coat	Smooth Plaster Wall - Corridor	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
551704806-0021					
17429-WL-FWB 07A-Base Coat	Smooth Plaster Wall - Corridor	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
551704806-0021A					
17429-WL-FWB 07B-Skim Coat	Smooth Plaster Wall - Corridor	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
551704806-0022					
17429-WL-FWB 07B-Base Coat	Smooth Plaster Wall - Corridor	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
551704806-0022A					

Initial report from: 05/08/2017 10:33:50



EMSL Canada Inc.

2756 Slough Street Mississauga, ON L9T 5N4

Tel/Fax: (289) 997-4602 / (289) 997-4607

<http://www.EMSL.com> / torontolab@emsl.com

EMSL Canada Order: 551704806

Customer ID: 55ECOH45

Customer PO: 17429-WL

Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
17429-WL-FWB 07C-Skim Coat	Smooth Plaster Wall - Corridor	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
551704806-0023					
17429-WL-FWB 07C-Base Coat	Smooth Plaster Wall - Corridor	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
551704806-0023A					
17429-WL-FWB 07D-Skim Coat	Smooth Plaster Wall - Conference Room	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
551704806-0024					
17429-WL-FWB 07D-Base Coat	Smooth Plaster Wall - Conference Room	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
551704806-0024A					
17429-WL-FWB 07E-Skim Coat	Smooth Plaster Wall - Conference Room	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
551704806-0025					
17429-WL-FWB 07E-Base Coat	Smooth Plaster Wall - Conference Room	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
551704806-0025A					
17429-WL-FWB 08A-Skim Coat	Rough Plaster Wall - Goods Receiving	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
551704806-0026					
17429-WL-FWB 08A-Base Coat	Rough Plaster Wall - Goods Receiving	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
551704806-0026A					
17429-WL-FWB 08B-Skim Coat	Rough Plaster Wall - Goods Receiving	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
551704806-0027					
17429-WL-FWB 08B-Base Coat	Rough Plaster Wall - Goods Receiving	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
551704806-0027A					
17429-WL-FWB 08C-Skim Coat	Rough Plaster Wall - Goods Receiving	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
551704806-0028					
17429-WL-FWB 08C-Base Coat	Rough Plaster Wall - Goods Receiving	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
551704806-0028A					
17429-WL-FWB 08D-Skim Coat	Rough Plaster Wall - Office	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
551704806-0029					
17429-WL-FWB 08D-Base Coat	Rough Plaster Wall - Office	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
551704806-0029A					
17429-WL-FWB 08E-Skim Coat	Rough Plaster Wall - Office	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
551704806-0030					

Initial report from: 05/08/2017 10:33:50



EMSL Canada Inc.

2756 Slough Street Mississauga, ON L9T 5N4

Tel/Fax: (289) 997-4602 / (289) 997-4607

<http://www.EMSL.com> / torontolab@emsl.com

EMSL Canada Order: 551704806

Customer ID: 55ECOH45

Customer PO: 17429-WL

Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
17429-WL-FWB 08E-Base Coat	Rough Plaster Wall - Office	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
551704806-0030A					
17429-WL-FWB 08F-Skim Coat	Rough Plaster Wall - Office	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
551704806-0031					
17429-WL-FWB 08F-Base Coat	Rough Plaster Wall - Office	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
551704806-0031A					
17429-WL-FWB 08G-Skim Coat	Rough Plaster Wall - Office	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
551704806-0032					
17429-WL-FWB 08G-Base Coat	Rough Plaster Wall - Office	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
551704806-0032A					
17429-WL-FWB 09A	Ceiling Tile - 2'x2' - Office	Gray Fibrous Homogeneous	35% Cellulose 35% Min. Wool	30% Non-fibrous (Other)	None Detected
551704806-0033					
17429-WL-FWB 09B	Ceiling Tile - 2'x2' - Office	Gray Fibrous Homogeneous	35% Cellulose 35% Min. Wool	30% Non-fibrous (Other)	None Detected
551704806-0034					
17429-WL-FWB 09C	Ceiling Tile - 2'x2' - Office	Gray Fibrous Homogeneous	35% Cellulose 35% Min. Wool	30% Non-fibrous (Other)	None Detected
551704806-0035					
17429-WL-FWG 01A	DJC - Ceiling - A Wing Washroom	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
551704806-0036					
17429-WL-FWG 01B	DJC - Ceiling - A Wing Washroom	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
551704806-0037					
17429-WL-FWG 01C	DJC - Ceiling - A Wing Washroom	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
551704806-0038					
17429-WL-FWG 03A-Skim Coat	Smooth Plaster Ceiling - Aux. Closet	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
551704806-0039					
17429-WL-FWG 03A-Base Coat	Smooth Plaster Ceiling - Aux. Closet	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
551704806-0039A					
17429-WL-FWG 03B-Skim Coat	Smooth Plaster Ceiling - Aux. Closet	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
551704806-0040					
17429-WL-FWG 03B-Base Coat	Smooth Plaster Ceiling - Aux. Closet	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
551704806-0040A					
17429-WL-FWG 03C	Smooth Plaster Ceiling - Shower Room (maternity)	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
551704806-0041					

Initial report from: 05/08/2017 10:33:50



EMSL Canada Inc.

2756 Slough Street Mississauga, ON L9T 5N4

Tel/Fax: (289) 997-4602 / (289) 997-4607

<http://www.EMSL.com> / torontolab@emsl.com

EMSL Canada Order: 551704806

Customer ID: 55ECOH45

Customer PO: 17429-WL

Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
17429-WL-FWG 03D-Skim Coat	Smooth Plaster Ceiling - Waiting Room	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
551704806-0042					
17429-WL-FWG 03D-Base Coat	Smooth Plaster Ceiling - Waiting Room	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
551704806-0042A					
17429-WL-FWG 03E-Skim Coat	Smooth Plaster Ceiling - Patient Room	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
551704806-0043					
17429-WL-FWG 03E-Base Coat	Smooth Plaster Ceiling - Patient Room	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
551704806-0043A					
17429-WL-FWG 03F-Skim Coat	Smooth Plaster Ceiling - M Wing Washroom	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
551704806-0044					
17429-WL-FWG 03F-Base Coat	Smooth Plaster Ceiling - M Wing Washroom	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
551704806-0044A					
17429-WL-FWG 03G-Skim Coat	Smooth Plaster Ceiling - M Wing Washroom	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
551704806-0045					
17429-WL-FWG 03G-Base Coat	Smooth Plaster Ceiling - M Wing Washroom	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
551704806-0045A					
17429-WL-FWG 04A	Ceiling Tile - 2'x4' - Fissures and Small Pinholes	Tan Fibrous Homogeneous	25% Cellulose 60% Min. Wool	13% Non-fibrous (Other)	2% Chrysotile
551704806-0046					
17429-WL-FWG 04B	Ceiling Tile - 2'x4' - Fissures and Small Pinholes	Tan Fibrous Homogeneous	25% Cellulose 60% Min. Wool	13% Non-fibrous (Other)	2% Chrysotile
551704806-0047					
17429-WL-FWG 04C	Ceiling Tile - 2'x4' - Fissures and Small Pinholes	Tan Fibrous Homogeneous	25% Cellulose 60% Min. Wool	13% Non-fibrous (Other)	2% Chrysotile
551704806-0048					
17429-WL-FWG 05A	Ceiling Tile - 2'x4' - Many Pinholes/Many Fissures	Gray Fibrous Homogeneous	70% Cellulose 5% Min. Wool	25% Non-fibrous (Other)	None Detected
551704806-0049					
17429-WL-FWG 05B	Ceiling Tile - 2'x4' - Many Pinholes/Many Fissures	Gray Fibrous Homogeneous	70% Cellulose 5% Min. Wool	25% Non-fibrous (Other)	None Detected
551704806-0050					
17429-WL-FWG 05C	Ceiling Tile - 2'x4' - Many Pinholes/Many Fissures	Gray Fibrous Homogeneous	70% Cellulose 5% Min. Wool	25% Non-fibrous (Other)	None Detected
551704806-0051					
17429-WL-FWG 06A	DJC - Wall - Washroom	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
551704806-0052					
17429-WL-FWG 06B	DJC - Wall - Washroom	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
551704806-0053					
17429-WL-FWG 06C	DJC - Wall - Washroom	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
551704806-0054					

Initial report from: 05/08/2017 10:33:50



EMSL Canada Inc.

2756 Slough Street Mississauga, ON L9T 5N4

Tel/Fax: (289) 997-4602 / (289) 997-4607

<http://www.EMSL.com> / torontolab@emsl.com

EMSL Canada Order: 551704806

Customer ID: 55ECOH45

Customer PO: 17429-WL

Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
17429-WL-FWG 07A-Skim Coat	Smooth Plaster Wall - Auxiliary Closet	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
551704806-0055					
17429-WL-FWG 07A-Base Coat	Smooth Plaster Wall - Auxiliary Closet	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
551704806-0055A					
17429-WL-FWG 07B-Skim Coat	Smooth Plaster Wall - Corridor	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
551704806-0056					
17429-WL-FWG 07B-Base Coat	Smooth Plaster Wall - Corridor	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
551704806-0056A					
17429-WL-FWG 07C	Smooth Plaster Wall - Corridor	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
551704806-0057					
17429-WL-FWG 07D-Skim Coat	Smooth Plaster Wall - Bathroom	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
551704806-0058					
17429-WL-FWG 07D-Base Coat	Smooth Plaster Wall - Bathroom	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
551704806-0058A					
17429-WL-FWG 07E	Smooth Plaster Wall - Corridor	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
551704806-0059					
17429-WL-FWG 07F-Skim Coat	Smooth Plaster Wall - Corridor	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
551704806-0060					
17429-WL-FWG 07F-Base Coat	Smooth Plaster Wall - Corridor	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
551704806-0060A					
17429-WL-FWG 07G	Smooth Plaster Wall - Utility Closet	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
551704806-0061					
17429-WL-FWG 11A	Ceiling Tile - 2'x4' Long Fissures w/ Large Pinholes	Gray Fibrous Homogeneous	40% Cellulose 40% Min. Wool	20% Non-fibrous (Other)	None Detected
551704806-0062					
17429-WL-FWG 11B	Ceiling Tile - 2'x4' Long Fissures w/ Large Pinholes	Gray Fibrous Homogeneous	40% Cellulose 40% Min. Wool	20% Non-fibrous (Other)	None Detected
551704806-0063					
17429-WL-FWG 11C	Ceiling Tile - 2'x4' Long Fissures w/ Large Pinholes	Gray Fibrous Homogeneous	40% Cellulose 40% Min. Wool	20% Non-fibrous (Other)	None Detected
551704806-0064					
17429-WL-FW1 03A-Skim Coat	Smooth Plaster Ceiling - Custodial Closet	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
551704806-0065					
17429-WL-FW1 03A-Base Coat	Smooth Plaster Ceiling - Custodial Closet	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
551704806-0065A					

Initial report from: 05/08/2017 10:33:50



EMSL Canada Inc.

2756 Slough Street Mississauga, ON L9T 5N4

Tel/Fax: (289) 997-4602 / (289) 997-4607

<http://www.EMSL.com> / torontolab@emsl.com

EMSL Canada Order: 551704806

Customer ID: 55ECOH45

Customer PO: 17429-WL

Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
17429-WL-FW1 03B-Skim Coat	Smooth Plaster Ceiling - Washroom	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
551704806-0066					
17429-WL-FW1 03B-Base Coat	Smooth Plaster Ceiling - Washroom	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
551704806-0066A					
17429-WL-FW1 03C-Skim Coat	Smooth Plaster Ceiling - Linen Closet	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
551704806-0067					
17429-WL-FW1 03C-Base Coat	Smooth Plaster Ceiling - Linen Closet	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
551704806-0067A					
17429-WL-FW1 03D-Skim Coat	Smooth Plaster Ceiling - Eye Wash Room	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
551704806-0068					
17429-WL-FW1 03D-Base Coat	Smooth Plaster Ceiling - Eye Wash Room	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
551704806-0068A					
17429-WL-FW1 03E-Skim Coat	Smooth Plaster Ceiling - Staff Room	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
551704806-0069					
17429-WL-FW1 03E-Base Coat	Smooth Plaster Ceiling - Staff Room	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
551704806-0069A					
17429-WL-FW1 03F	Smooth Plaster Ceiling - Staff Room	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
551704806-0070					
17429-WL-FW1 03G	Smooth Plaster Ceiling - Linen Closet	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
551704806-0071					
17429-WL-FW1 06A	DJC - Wall - Rec. Room	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
551704806-0072					
17429-WL-FW1 06B	DJC - Wall - Rec. Room	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
551704806-0073					
17429-WL-FW1 06C	DJC - Wall - Rec. Room	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
551704806-0074					
17429-WL-FW1 06D	DJC - Wall - Rec. Room	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
551704806-0075					
17429-WL-FW1 06E	DJC - Wall - Rec. Room	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
551704806-0076					
17429-WL-FW1 07A-Skim Coat	Smooth Plaster Wall - Custodial Room	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
551704806-0077					

Initial report from: 05/08/2017 10:33:50



EMSL Canada Inc.

2756 Slough Street Mississauga, ON L9T 5N4

Tel/Fax: (289) 997-4602 / (289) 997-4607

<http://www.EMSL.com> / torontolab@emsl.com

EMSL Canada Order: 551704806

Customer ID: 55ECOH45

Customer PO: 17429-WL

Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
17429-WL-FW1 07A-Base Coat	Smooth Plaster Wall - Custodial Room	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
551704806-0077A					
17429-WL-FW1 07B-Skim Coat	Smooth Plaster Wall - Washroom	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
551704806-0078					
17429-WL-FW1 07B-Base Coat	Smooth Plaster Wall - Washroom	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
551704806-0078A					
17429-WL-FW1 07C-Skim Coat	Smooth Plaster Wall - Dirty Utility Room	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
551704806-0079					
17429-WL-FW1 07C-Base Coat	Smooth Plaster Wall - Dirty Utility Room	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
551704806-0079A					
17429-WL-FW1 07D-Skim Coat	Smooth Plaster Wall - Corridor	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
551704806-0080					
17429-WL-FW1 07D-Base Coat	Smooth Plaster Wall - Corridor	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
551704806-0080A					
17429-WL-FW1 07E-Skim Coat	Smooth Plaster Wall - Corridor	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
551704806-0081					
17429-WL-FW1 07E-Base Coat	Smooth Plaster Wall - Corridor	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
551704806-0081A					
17429-WL-FW1 07F	Smooth Plaster Wall - Corridor	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
551704806-0082					
17429-WL-FW1 07G	Smooth Plaster Wall - Corridor	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
551704806-0083					
17429-WL-FW1 12A	Ceiling Tile - 1'x1' Fissures and Pinholes - Front Entrance	Tan Fibrous Homogeneous	40% Cellulose 40% Min. Wool	20% Non-fibrous (Other)	None Detected
551704806-0084					
17429-WL-FW1 12B	Ceiling Tile - 1'x1' Fissures and Pinholes - Front Entrance	Tan Fibrous Homogeneous	40% Cellulose 40% Min. Wool	20% Non-fibrous (Other)	None Detected
551704806-0085					
17429-WL-FW1 12C	Ceiling Tile - 1'x1' Fissures and Pinholes - Front Entrance	Tan Fibrous Homogeneous	40% Cellulose 40% Min. Wool	20% Non-fibrous (Other)	None Detected
551704806-0086					

Initial report from: 05/08/2017 10:33:50



EMSL Canada Inc.

2756 Slough Street Mississauga, ON L9T 5N4

Tel/Fax: (289) 997-4602 / (289) 997-4607

<http://www.EMSL.com> / torontolab@emsl.com

EMSL Canada Order: 551704806

Customer ID: 55ECOH45

Customer PO: 17429-WL

Project ID:

Analyst(s)

Beverly Lorenzana (122)

Matthew Davis
or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. Non-friable organically bound materials present a problem matrix and therefore EMSL recommends gravimetric reduction prior to analysis. Samples received in good condition unless otherwise noted. Estimated accuracy, precision and uncertainty data available upon request. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Reporting limit is 1%

Samples analyzed by EMSL Analytical, Inc. Dallas, TX NVLAP Lab Code 600111-0, TX 300456

Initial report from: 05/08/2017 10:33:50



EMSL Canada Inc.

2756 Slough Street Mississauga, ON L9T 5N4

Tel/Fax: (289) 997-4602 / (289) 997-4607

<http://www.EMSL.com> / torontolab@emsl.com

EMSL Canada Order: 551704812

Customer ID: 55ECOH45

Customer PO: 17429-WL

Project ID:

Attention: Brittanie Semper
ECOH Management, Inc.
75 Courtneypark Drive West
Unit 1
Mississauga, ON L5W 0E3

Phone: (905) 795-2800

Fax: (905) 795-2870

Received Date: 05/01/2017 5:00 PM

Analysis Date: 05/08/2017

Collected Date: 04/19/2017 - 04/21/2017

Project: 17429-WL West Lincoln MIDDLE WING

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
17429-WL-MWB 01A <small>551704812-0001</small> <i>Inseparable paint / coating layer included in analysis</i>	Drywall Joint Compound - Ceiling - Washroom	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
17429-WL-MWB 01B <small>551704812-0002</small> <i>Inseparable paint / coating layer included in analysis</i>	Drywall Joint Compound - Ceiling - Washroom	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
17429-WL-MWB 01C <small>551704812-0003</small> <i>Inseparable paint / coating layer included in analysis</i>	Drywall Joint Compound - Ceiling - Washroom	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
17429-WL-MWB 01D <small>551704812-0004</small> <i>Inseparable paint / coating layer included in analysis</i>	Drywall Joint Compound - Ceiling - Washroom	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
17429-WL-MWB 02A-Skim Coat <small>551704812-0005</small> <i>Inseparable paint / coating layer included in analysis</i>	Plaster Ceiling - Custodial Room	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
17429-WL-MWB 02A-Base Coat <small>551704812-0005A</small>	Plaster Ceiling - Custodial Room	Gray Non-Fibrous Homogeneous		5% Quartz 95% Non-fibrous (Other)	None Detected
17429-WL-MWB 02B-Skim Coat <small>551704812-0006</small>	Plaster Ceiling - Washroom	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
17429-WL-MWB 02B-Base Coat <small>551704812-0006A</small>	Plaster Ceiling - Washroom	Gray Non-Fibrous Homogeneous		5% Quartz 95% Non-fibrous (Other)	None Detected
17429-WL-MWB 02C-Skim Coat <small>551704812-0007</small>	Plaster Ceiling - Office	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
17429-WL-MWB 02C-Base Coat <small>551704812-0007A</small>	Plaster Ceiling - Office	Gray Non-Fibrous Homogeneous		5% Quartz 95% Non-fibrous (Other)	None Detected
17429-WL-MWB 02D <small>551704812-0008</small> <i>Inseparable paint / coating layer included in analysis</i>	Plaster Ceiling - Custodial Room	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
17429-WL-MWB 02E <small>551704812-0009</small> <i>Inseparable paint / coating layer included in analysis</i>	Plaster Ceiling - Custodial Room	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Initial report from: 05/08/2017 18:46:59



EMSL Canada Inc.

2756 Slough Street Mississauga, ON L9T 5N4

Tel/Fax: (289) 997-4602 / (289) 997-4607

<http://www.EMSL.com> / torontolab@emsl.com

EMSL Canada Order: 551704812

Customer ID: 55ECOH45

Customer PO: 17429-WL

Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
17429-WL-MWB 02F-Skim Coat	Plaster Ceiling - Outside Morgue	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<i>551704812-0010</i>					
17429-WL-MWB 02F-Base Coat	Plaster Ceiling - Outside Morgue	Gray Non-Fibrous Homogeneous		5% Quartz 95% Non-fibrous (Other)	None Detected
<i>551704812-0010A</i>					
17429-WL-MWB 06A	Drywall Joint Compound - Wall - Washroom	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<i>551704812-0011</i>					
17429-WL-MWB 06B	Drywall Joint Compound - Wall - Health and Safety Office	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<i>551704812-0012</i>					
<i>Inseparable paint / coating layer included in analysis</i>					
17429-WL-MWB 06C	Drywall Joint Compound - Wall - Health and Safety Office	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<i>551704812-0013</i>					
<i>Inseparable paint / coating layer included in analysis</i>					
17429-WL-MWB 07A	Plaster Wall - Janitor's Room	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<i>551704812-0014</i>					
<i>Inseparable paint / coating layer included in analysis</i>					
17429-WL-MWB 07B-Skim Coat	Plaster Wall - Janitor's Room	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<i>551704812-0015</i>					
<i>Inseparable paint / coating layer included in analysis</i>					
17429-WL-MWB 07B-Base Coat	Plaster Wall - Janitor's Room	Gray Non-Fibrous Homogeneous		5% Quartz 95% Non-fibrous (Other)	None Detected
<i>551704812-0015A</i>					
17429-WL-MWB 07C	Plaster Wall - Office	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<i>551704812-0016</i>					
<i>Inseparable paint / coating layer included in analysis</i>					
17429-WL-MWB 07D	Plaster Wall - Office	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<i>551704812-0017</i>					
<i>Inseparable paint / coating layer included in analysis</i>					
17429-WL-MWG 06A	DJC - Wall - Mammograph Suite	White Non-Fibrous Heterogeneous		30% Ca Carbonate 70% Non-fibrous (Other)	None Detected
<i>551704812-0041</i>					
<i>Inseparable paint / coating layer included in analysis</i>					
17429-WL-MWB 07E-Skim Coat	Plaster Wall - Conference Room	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<i>551704812-0018</i>					
<i>Inseparable paint / coating layer included in analysis</i>					
17429-WL-MWB 07E-Base Coat	Plaster Wall - Conference Room	Gray Non-Fibrous Homogeneous		5% Quartz 95% Non-fibrous (Other)	None Detected
<i>551704812-0018A</i>					
17429-WL-MWB 07F	Plaster Wall - Storage Room	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<i>551704812-0019</i>					

Initial report from: 05/08/2017 18:46:59



EMSL Canada Inc.

2756 Slough Street Mississauga, ON L9T 5N4

Tel/Fax: (289) 997-4602 / (289) 997-4607

<http://www.EMSL.com> / torontolab@emsl.com

EMSL Canada Order: 551704812

Customer ID: 55ECOH45

Customer PO: 17429-WL

Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
17429-WL-MWB 07G <small>551704812-0020</small>	Plaster Wall - Conference Room	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
17429-WL-MWB 10A <small>551704812-0021</small>	Ceiling Tile - 2'x4' Deep Fissures and Pinholes - PT Room	Gray/White Fibrous Homogeneous	30% Cellulose 60% Min. Wool	10% Non-fibrous (Other)	None Detected
17429-WL-MWB 10B <small>551704812-0022</small>	Ceiling Tile - 2'x4' Deep Fissures and Pinholes - PT Room	Gray Fibrous Homogeneous	25% Cellulose 55% Min. Wool	5% Perlite 15% Non-fibrous (Other)	None Detected
17429-WL-MWB 10C <small>551704812-0023</small>	Ceiling Tile - 2'x4' Deep Fissures and Pinholes - PT Room	Gray Fibrous Homogeneous	25% Cellulose 60% Min. Wool	10% Perlite 5% Non-fibrous (Other)	None Detected
17429-WL-MWB 03A <small>551704812-0024</small>	Rough Plaster Ceiling - Mechanical Room	Gray/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
17429-WL-MWB 03B <small>551704812-0025</small>	Rough Plaster Ceiling - Mechanical Room	Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
17429-WL-MWB 03C <small>551704812-0026</small>	Rough Plaster Ceiling - Mechanical Room	Gray/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
17429-WL-MWB 03D <small>551704812-0027</small>	Rough Plaster Ceiling - Mechanical Room	Gray/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
17429-WL-MWB 03E <small>551704812-0028</small>	Rough Plaster Ceiling - Mechanical Room	Gray/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
17429-WL-MWB 03F <small>551704812-0029</small>	Rough Plaster Ceiling - Mechanical Room	Gray/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
17429-WL-MWB 03G <small>551704812-0030</small>	Rough Plaster Ceiling - Mechanical Room	Gray/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
17429-WL-MWG 03A-Skim Coat <small>551704812-0031</small>	Smooth Plaster Ceiling - X-Ray Washroom	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
17429-WL-MWG 03A-Base Coat <small>551704812-0031A</small>	Smooth Plaster Ceiling - X-Ray Washroom	Gray Fibrous Homogeneous	2% Cellulose	5% Quartz 93% Non-fibrous (Other)	None Detected
17429-WL-MWG 03B-Skim Coat <small>551704812-0032</small>	Smooth Plaster Ceiling - X-Ray Washroom	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
17429-WL-MWG 03B-Base Coat <small>551704812-0032A</small>	Smooth Plaster Ceiling - X-Ray Washroom	Gray Fibrous Homogeneous	2% Cellulose	5% Quartz 93% Non-fibrous (Other)	None Detected
17429-WL-MWG 03C-Skim Coat <small>551704812-0033</small>	Smooth Plaster Ceiling - X-Wing Electrical Room	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
17429-WL-MWG 03C-Base Coat <small>551704812-0033A</small>	Smooth Plaster Ceiling - X-Wing Electrical Room	Gray Fibrous Homogeneous	2% Cellulose	5% Quartz 93% Non-fibrous (Other)	None Detected

Initial report from: 05/08/2017 18:46:59



EMSL Canada Inc.

2756 Slough Street Mississauga, ON L9T 5N4

Tel/Fax: (289) 997-4602 / (289) 997-4607

<http://www.EMSL.com> / torontolab@emsl.com

EMSL Canada Order: 551704812

Customer ID: 55ECOH45

Customer PO: 17429-WL

Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
17429-WL-MWG 03D-Skim Coat	Smooth Plaster Ceiling - X-Ray Washroom	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<i>551704812-0034</i>					
17429-WL-MWG 03D-Base Coat	Smooth Plaster Ceiling - X-Ray Washroom	Gray Fibrous Homogeneous	2% Cellulose	5% Quartz 93% Non-fibrous (Other)	None Detected
<i>551704812-0034A</i>					
17429-WL-MWG 03E-Skim Coat	Smooth Plaster Ceiling - Linen Room	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<i>551704812-0035</i>					
17429-WL-MWG 03E-Base Coat	Smooth Plaster Ceiling - Linen Room	Gray Fibrous Homogeneous	2% Cellulose	5% Quartz 93% Non-fibrous (Other)	None Detected
<i>551704812-0035A</i>					
17429-WL-MWG 03F-Skim Coat	Smooth Plaster Ceiling - Supply Room	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<i>551704812-0036</i>					
17429-WL-MWG 03F-Base Coat	Smooth Plaster Ceiling - Supply Room	Gray Fibrous Homogeneous	2% Cellulose	5% Quartz 93% Non-fibrous (Other)	None Detected
<i>551704812-0036A</i>					
17429-WL-MWG 03G-Skim Coat	Smooth Plaster Ceiling - Supply Room	White Non-Fibrous Heterogeneous		100% Non-fibrous (Other)	None Detected
<i>551704812-0037</i>					
17429-WL-MWG 03G-Base Coat	Smooth Plaster Ceiling - Supply Room	Gray Fibrous Homogeneous	2% Cellulose	5% Quartz 93% Non-fibrous (Other)	None Detected
<i>551704812-0037A</i>					
17429-WL-MWG 05A	Ceiling Tile - 2'x4' Small & Large Fissures w/ Pinholes	Gray/White Fibrous Homogeneous	30% Cellulose 5% Glass	15% Perlite 50% Non-fibrous (Other)	None Detected
<i>551704812-0038</i>					
17429-WL-MWG 05B	Ceiling Tile - 2'x4' Small & Large Fissures w/ Pinholes	Gray/White Fibrous Homogeneous	30% Cellulose 5% Glass	15% Perlite 50% Non-fibrous (Other)	None Detected
<i>551704812-0039</i> <i>Inseparable paint / coating layer included in analysis</i>					
17429-WL-MWG 05C	Ceiling Tile - 2'x4' Small & Large Fissures w/ Pinholes	Gray/White Fibrous Homogeneous	30% Cellulose 5% Glass	15% Perlite 50% Non-fibrous (Other)	None Detected
<i>551704812-0040</i> <i>Inseparable paint / coating layer included in analysis</i>					
17429-WL-MWG 06B	DJC - Wall - Mammograph Suite	White Non-Fibrous Heterogeneous		30% Ca Carbonate 70% Non-fibrous (Other)	None Detected
<i>551704812-0042</i> <i>Inseparable paint / coating layer included in analysis</i>					
17429-WL-MWG 06C	DJC - Wall - Mammograph Suite	White Non-Fibrous Heterogeneous		30% Ca Carbonate 70% Non-fibrous (Other)	None Detected
<i>551704812-0043</i> <i>Inseparable paint / coating layer included in analysis</i>					
17429-WL-MWG 06D	DJC - Wall - Mammograph Suite	Tan/White Non-Fibrous Heterogeneous		30% Ca Carbonate 70% Non-fibrous (Other)	None Detected
<i>551704812-0044</i> <i>Inseparable paint / coating layer included in analysis</i>					
17429-WL-MWG 06E	DJC - Wall - Mammograph Suite	White/Pink Non-Fibrous Heterogeneous		30% Ca Carbonate 70% Non-fibrous (Other)	None Detected
<i>551704812-0045</i> <i>Inseparable paint / coating layer included in analysis</i>					

Initial report from: 05/08/2017 18:46:59



EMSL Canada Inc.

2756 Slough Street Mississauga, ON L9T 5N4

Tel/Fax: (289) 997-4602 / (289) 997-4607

<http://www.EMSL.com> / torontolab@emsl.com

EMSL Canada Order: 551704812

Customer ID: 55ECOH45

Customer PO: 17429-WL

Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
17429-WL-MWG 07A-Skim Coat	Smooth Plaster Wall - X-Ray Washroom	White/Green Non-Fibrous Heterogeneous		100% Non-fibrous (Other)	None Detected
<i>551704812-0046 Inseparable paint / coating layer included in analysis</i>					
17429-WL-MWG 07A-Base Coat	Smooth Plaster Wall - X-Ray Washroom	Gray Fibrous Homogeneous	2% Cellulose	5% Quartz 93% Non-fibrous (Other)	None Detected
<i>551704812-0046A</i>					
17429-WL-MWG 07B-Skim Coat	Smooth Plaster Wall - X-Ray Electrical Room	White Non-Fibrous Heterogeneous		100% Non-fibrous (Other)	None Detected
<i>551704812-0047</i>					
17429-WL-MWG 07B-Base Coat	Smooth Plaster Wall - X-Ray Electrical Room	Gray Fibrous Homogeneous	2% Cellulose	5% Quartz 93% Non-fibrous (Other)	None Detected
<i>551704812-0047A</i>					
17429-WL-MWG 07C-Skim Coat	Smooth Plaster Wall - Staff Washroom	White Non-Fibrous Heterogeneous		100% Non-fibrous (Other)	None Detected
<i>551704812-0048 Inseparable paint / coating layer included in analysis</i>					
17429-WL-MWG 07C-Base Coat	Smooth Plaster Wall - Staff Washroom	Gray Fibrous Homogeneous	2% Cellulose	5% Quartz 93% Non-fibrous (Other)	None Detected
<i>551704812-0048A</i>					
17429-WL-MWG 07D-Skim Coat	Smooth Plaster Wall - Linen Room	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<i>551704812-0049</i>					
17429-WL-MWG 07D-Base Coat	Smooth Plaster Wall - Linen Room	Gray Fibrous Homogeneous	2% Cellulose	5% Quartz 93% Non-fibrous (Other)	None Detected
<i>551704812-0049A</i>					
17429-WL-MWG 07E-Skim Coat	Smooth Plaster Wall - Supply Room	White/Green Non-Fibrous Heterogeneous		100% Non-fibrous (Other)	None Detected
<i>551704812-0050 Inseparable paint / coating layer included in analysis</i>					
17429-WL-MWG 07E-Base Coat	Smooth Plaster Wall - Supply Room	Gray Fibrous Homogeneous	2% Cellulose	5% Quartz 93% Non-fibrous (Other)	None Detected
<i>551704812-0050A</i>					
17429-WL-MWG 07F-Skim Coat	Smooth Plaster Wall - Kitchenette	White/Green Non-Fibrous Heterogeneous		100% Non-fibrous (Other)	None Detected
<i>551704812-0051 Inseparable paint / coating layer included in analysis</i>					
17429-WL-MWG 07F-Base Coat	Smooth Plaster Wall - Kitchenette	Gray Fibrous Homogeneous	2% Cellulose	5% Quartz 93% Non-fibrous (Other)	None Detected
<i>551704812-0051A</i>					
17429-WL-MWG 11A	Ceiling Tiles - 2'x4' Small Fissures and Pinholes	Gray/White Fibrous Homogeneous	30% Cellulose 5% Glass	15% Perlite 50% Non-fibrous (Other)	None Detected
<i>551704812-0052</i>					
17429-WL-MWG 11B	Ceiling Tiles - 2'x4' Small Fissures and Pinholes	Gray/White Fibrous Homogeneous	30% Cellulose 5% Glass	15% Perlite 50% Non-fibrous (Other)	None Detected
<i>551704812-0053</i>					

Initial report from: 05/08/2017 18:46:59



EMSL Canada Inc.

2756 Slough Street Mississauga, ON L9T 5N4

Tel/Fax: (289) 997-4602 / (289) 997-4607

<http://www.EMSL.com> / torontolab@emsl.com

EMSL Canada Order: 551704812

Customer ID: 55ECOH45

Customer PO: 17429-WL

Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
17429-WL-MWG 11C <small>551704812-0054</small>	Ceiling Tiles - 2'x4' Small Fissures and Pinholes	Gray/White Fibrous Homogeneous	30% Cellulose 5% Glass	15% Perlite 50% Non-fibrous (Other)	None Detected
17429-WL-MW1 03A <small>551704812-0055</small>	Smooth Plaster Ceiling - D-15	Gray/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
17429-WL-MW1 03B <small>551704812-0056</small>	Smooth Plaster Ceiling - Kitchenette	Gray/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
17429-WL-MW1 03C <small>551704812-0057</small>	Smooth Plaster Ceiling - Women's Changeroom	Gray/White Non-Fibrous Heterogeneous		100% Non-fibrous (Other)	None Detected
17429-WL-MW1 03D <small>551704812-0058</small>	Smooth Plaster Ceiling - Kitchenette	Gray/White Non-Fibrous Heterogeneous		100% Non-fibrous (Other)	None Detected
17429-WL-MW1 03E <small>551704812-0059</small>	Smooth Plaster Ceiling - Public Washroom	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
17429-WL-MW1 03F <small>551704812-0060</small>	Smooth Plaster Ceiling - Lounge Washroom	Gray/White Non-Fibrous Heterogeneous		100% Non-fibrous (Other)	None Detected
17429-WL-MW1 07A <small>551704812-0061</small>	Smooth Plaster Wall - Corridor	Gray/White Non-Fibrous Heterogeneous		100% Non-fibrous (Other)	None Detected
17429-WL-MW1 07B <small>551704812-0062</small>	Smooth Plaster Wall - D-15	Gray/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
17429-WL-MW1 07C <small>551704812-0063</small>	Smooth Plaster Wall - Corridor	Gray/White Non-Fibrous Heterogeneous		100% Non-fibrous (Other)	None Detected
17429-WL-MW1 07D <small>551704812-0064</small>	Smooth Plaster Wall - Women's Changeroom	Gray/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
17429-WL-MW1 07E <small>551704812-0065</small>	Smooth Plaster Wall - Corridor	Gray/White Non-Fibrous Heterogeneous		100% Non-fibrous (Other)	None Detected

Analyst(s)

Amanda Lang (18)

Brendon Rawlings (37)

Molly Elkins (29)

Matthew Davis
or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. Non-friable organically bound materials present a problem matrix and therefore EMSL recommends gravimetric reduction prior to analysis. Samples received in good condition unless otherwise noted. Estimated accuracy, precision and uncertainty data available upon request. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Reporting limit is 1%

Samples analyzed by EMSL Analytical, Inc. Denver, CO NVLAP Lab Code 200828-0

Initial report from: 05/08/2017 18:46:59



EMSL Canada Inc.

2756 Slough Street Mississauga, ON L9T 5N4

Tel/Fax: (289) 997-4602 / (289) 997-4607

<http://www.EMSL.com> / torontolab@emsl.com

EMSL Canada Order: 551704839

Customer ID: 55ECOH45

Customer PO: 17429 - WL

Project ID:

Attention: Brittanie Semper
ECOH Management, Inc.
75 Courtneypark Drive West
Unit 1
Mississauga, ON L5W 0E3

Phone: (905) 795-2800

Fax: (905) 795-2870

Received Date: 05/01/2017 5:00 PM

Analysis Date: 05/08/2017

Collected Date: 04/19/2017

Project: 17429 - WL WEST LINCOLN - KITCHEN AREA

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
17429-WL-KAW-01A <small>551704839-0001</small>	DJC- CEILING - CORRIDOR	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
17429-WL-KAW-01B <small>551704839-0002</small>	DJC- CEILING - CORRIDOR	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
17429-WL-KAW-01C <small>551704839-0003</small>	DJC- CEILING - CORRIDOR	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
17429-WL-KAW-01D <small>551704839-0004</small>	DJC- CEILING - CORRIDOR	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
17429-WL-KAW-01E <small>551704839-0005</small>	DJC- CEILING - VESTIBULE	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
17429-WL-KAW-01F <small>551704839-0006</small>	DJC- CEILING - VESTIBULE	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
17429-WL-KAW-01G <small>551704839-0007</small>	DJC- CEILING - VESTIBULE	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
17429-WL-KAW-06A <small>551704839-0008</small>	DJC- WALL - CORRIDOR	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
17429-WL-KAW-06B <small>551704839-0009</small>	DJC- WALL - CORRIDOR	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
17429-WL-KAW-06C <small>551704839-0010</small>	DJC- WALL - CAFETARIA	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
17429-WL-KAW-06D <small>551704839-0011</small>	DJC- WALL - CAFETARIA	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Analyst(s)

Kevin Ream (11)

Matthew Davis
or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. Non-friable organically bound materials present a problem matrix and therefore EMSL recommends gravimetric reduction prior to analysis. Samples received in good condition unless otherwise noted. Estimated accuracy, precision and uncertainty data available upon request. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Reporting limit is 1%

Samples analyzed by EMSL Analytical, Inc. Plymouth Meeting, PA NVLAP Lab Code 200699-0, Philadelphia 292, VA 3333 00315, Massachusetts AA000230

Initial report from: 05/08/2017 16:57:20



EMSL Canada Inc.

2756 Slough Street Mississauga, ON L9T 5N4

Tel/Fax: (289) 997-4602 / (289) 997-4607

<http://www.EMSL.com> / torontolab@emsl.com

EMSL Canada Order: 551704833

Customer ID: 55ECOH45

Customer PO: 17429-WL

Project ID:

Attention: Brittanie Semper
ECOH Management, Inc.
75 Courtneypark Drive West
Unit 1
Mississauga, ON L5W 0E3

Phone: (905) 795-2800

Fax: (905) 795-2870

Received Date: 05/01/2017 5:00 PM

Analysis Date: 05/08/2017

Collected Date: 04/19/2017

Project: 17429-WL WEST LINCOLN NURSES RES.

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
17429-WL-NR 02A <small>551704833-0001</small>	Front Entrance - Textured/Rough Plaster Ceiling	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
17429-WL-NR 02B <small>551704833-0002</small>	Front Entrance - Textured/Rough Plaster Ceiling	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
17429-WL-NR 02C <small>551704833-0003</small>	Front Entrance - Textured/Rough Plaster Ceiling	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
17429-WL-NR 02D <small>551704833-0004</small>	Front Entrance - Textured/Rough Plaster Ceiling	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
17429-WL-NR 02E <small>551704833-0005</small>	Front Entrance - Textured/Rough Plaster Ceiling	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
17429-WL-NR 03A <small>551704833-0006</small>	Waiting Room - Smooth Plaster Ceiling	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
17429-WL-NR 03B <small>551704833-0007</small>	Office - Smooth Plaster Ceiling	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
17429-WL-NR 03C <small>551704833-0008</small>	Women's Washroom - Smooth Plaster Ceiling	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
17429-WL-NR 03D <small>551704833-0009</small>	Men's Washroom - Smooth Plaster Ceiling	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
17429-WL-NR 03E <small>551704833-0010</small>	Conference Room - Smooth Plaster Ceiling	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
17429-WL-NR 03F <small>551704833-0011</small>	Conference Room - Smooth Plaster Ceiling	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
17429-WL-NR 05A <small>551704833-0012</small>	Corridor - Ceiling Tile - 2'x4' Many Pinholes & Fissures	Tan Fibrous Homogeneous	50% Cellulose 30% Min. Wool	20% Non-fibrous (Other)	None Detected
17429-WL-NR 05B <small>551704833-0013</small>	Corridor - Ceiling Tile - 2'x4' Many Pinholes & Fissures	Tan Fibrous Homogeneous	50% Cellulose 30% Min. Wool	20% Non-fibrous (Other)	None Detected
17429-WL-NR 05C <small>551704833-0014</small>	Corridor - Ceiling Tile - 2'x4' Many Pinholes & Fissures	Tan Fibrous Homogeneous	50% Cellulose 30% Min. Wool	20% Non-fibrous (Other)	None Detected
17429-WL-NR 06A <small>551704833-0015</small>	Wall - Women's Washroom - Drywall Joint Compound	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
17429-WL-NR 06B <small>551704833-0016</small>	Wall - Women's Washroom - Drywall Joint Compound	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Initial report from: 05/08/2017 17:11:44



EMSL Canada Inc.

2756 Slough Street Mississauga, ON L9T 5N4

Tel/Fax: (289) 997-4602 / (289) 997-4607

<http://www.EMSL.com> / torontolab@emsl.com

EMSL Canada Order: 551704833

Customer ID: 55ECOH45

Customer PO: 17429-WL

Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
17429-WL-NR 06D <small>551704833-0017</small>	Wall - Women's Washroom - Drywall Joint Compound	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
17429-WL-NR 06E <small>551704833-0018</small>	Wall - Women's Washroom - Drywall Joint Compound	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
17429-WL-NR 07A <small>551704833-0019</small>	Front Entrance - Plaster Wall	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Analyst(s)

Kevin Ream (19)

Matthew Davis
or Other Approved Signatory

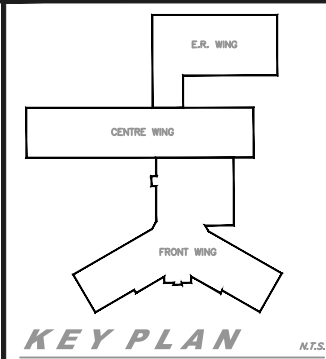
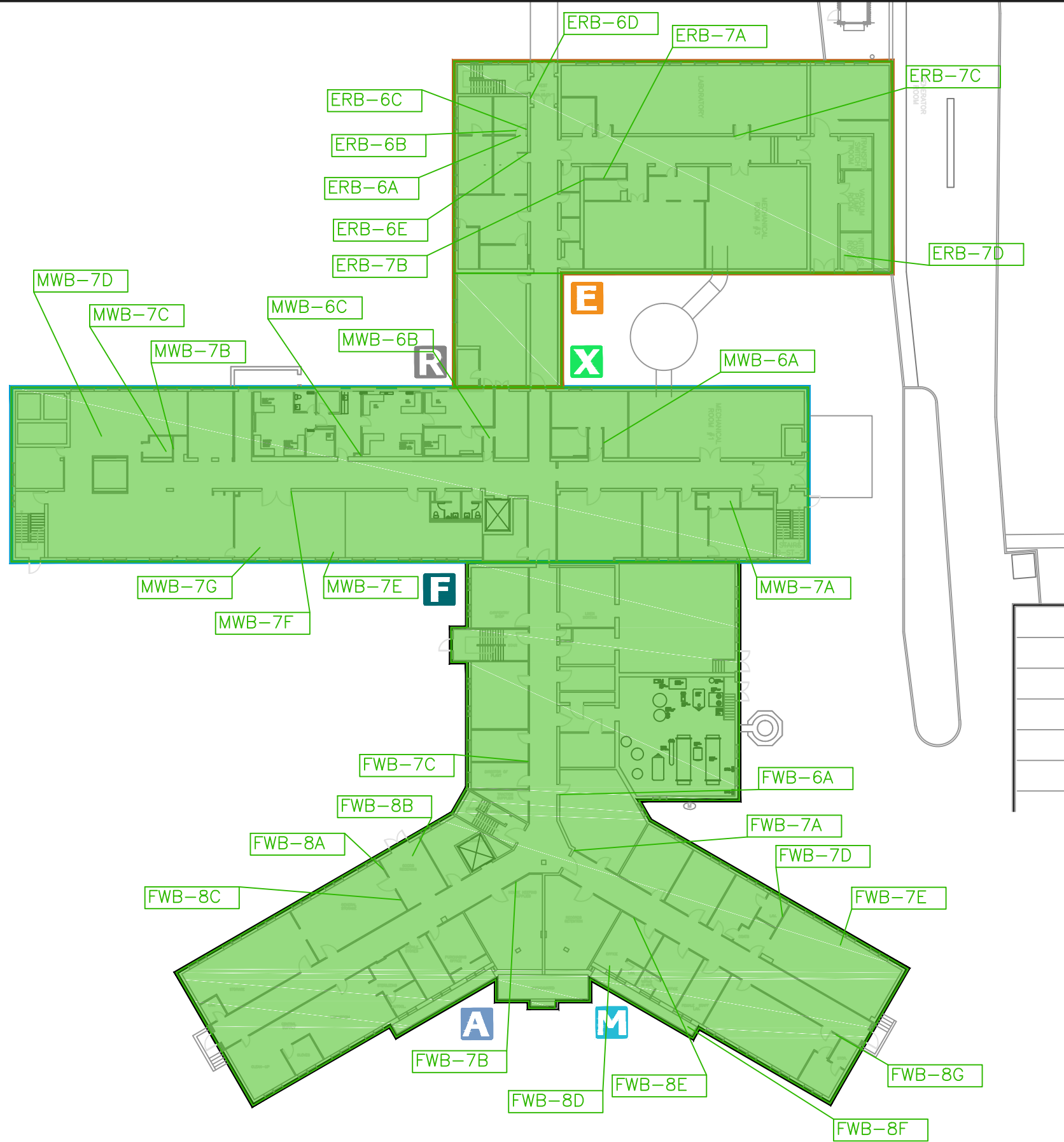
EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. Non-friable organically bound materials present a problem matrix and therefore EMSL recommends gravimetric reduction prior to analysis. Samples received in good condition unless otherwise noted. Estimated accuracy, precision and uncertainty data available upon request. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Reporting limit is 1%

Samples analyzed by EMSL Analytical, Inc. Plymouth Meeting, PA NVLAP Lab Code 200699-0, Philadelphia 292, VA 3333 00315, Massachusetts AA000230

Initial report from: 05/08/2017 17:11:44

ATTACHMENT 2

DRAWINGS – ASBESTOS BULK SAMPLE LOCATIONS



NO.	DATE	BY	REVISIONS
1	1/10/2014	RM	UPDATED
2	4/6/2016	MM	UPDATED BY ECHO

LEGEND - WALLS

- ACM NOT PRESENT (Green outline)
- ACM PRESENT (Red outline)

WEST LINCOLN
MEMORIAL HOSPITAL

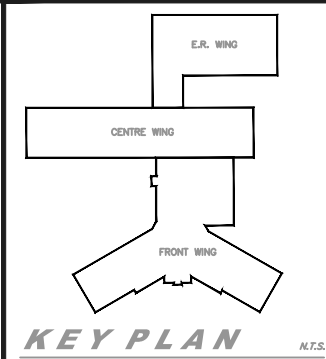
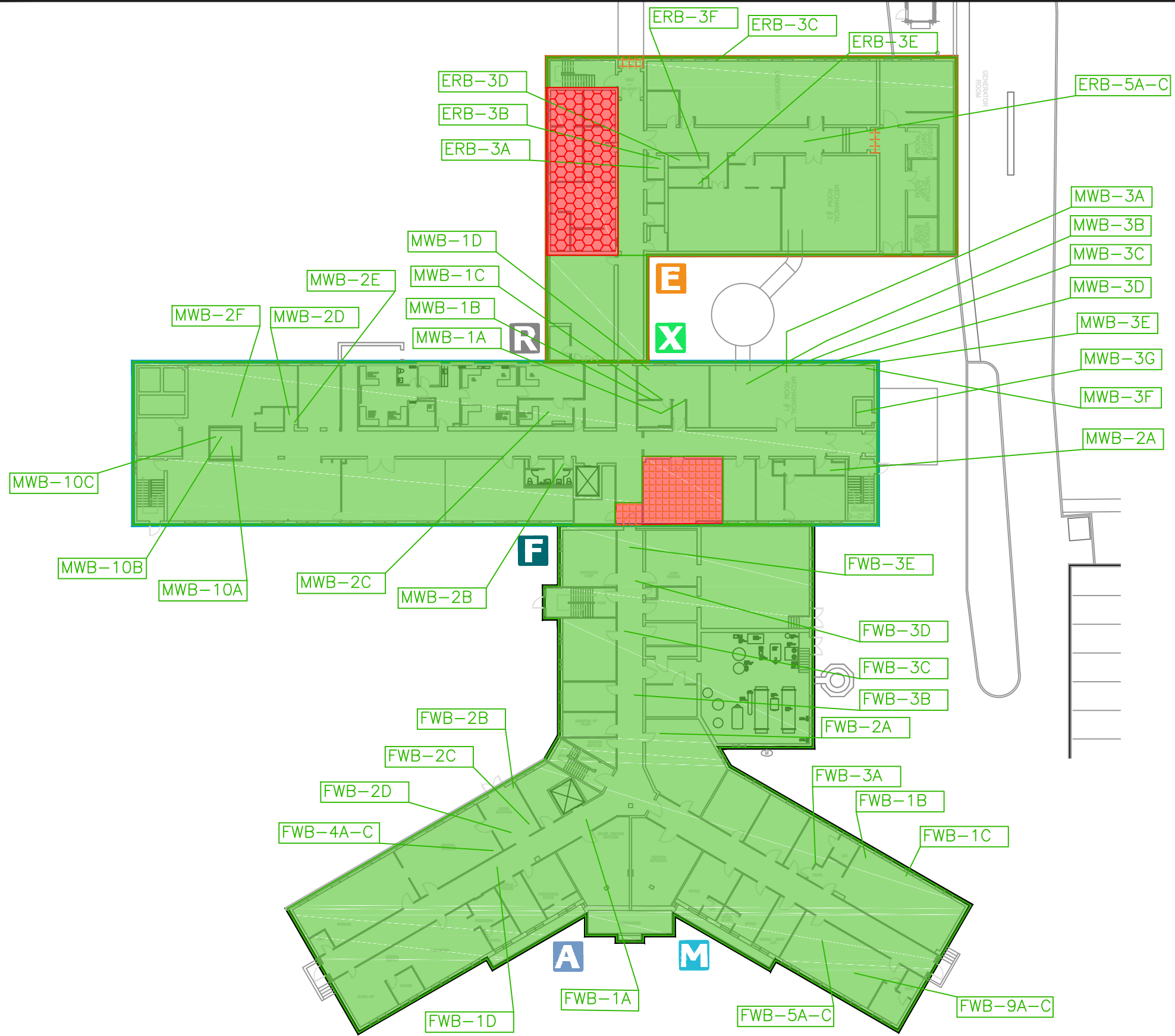


WEST LINCOLN MEMORIAL HOSPITAL - MASTER FLOOR PLANS

BASEMENT MAIN HOSPITAL ACM ON WALLS

DEPARTMENT: FACILITIES MANAGEMENT
 SUPERVISOR: DUSTIN COPELAND
 DRAWN BY: MARCO MENDOZA
 FILE NAME: proposed room numbers mar 9, 2016

AS-01c



NO.	DATE	REVISIONS	BY
1	1/10/2014	UPDATED	RM
2	4/6/2016	UPDATED BY ECHO	MM

LEGEND - CEILING

- ACM CEILING TILES
- ACM NOT PRESENT
- ACM PRESENT
- TRANSITE BOARD ABOVE NON-ACM PLASTER

WEST LINCOLN
MEMORIAL HOSPITAL

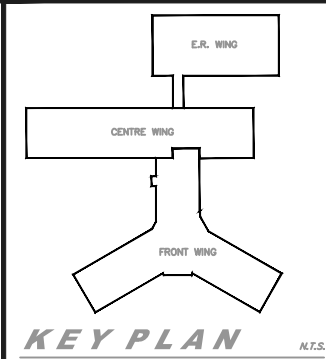
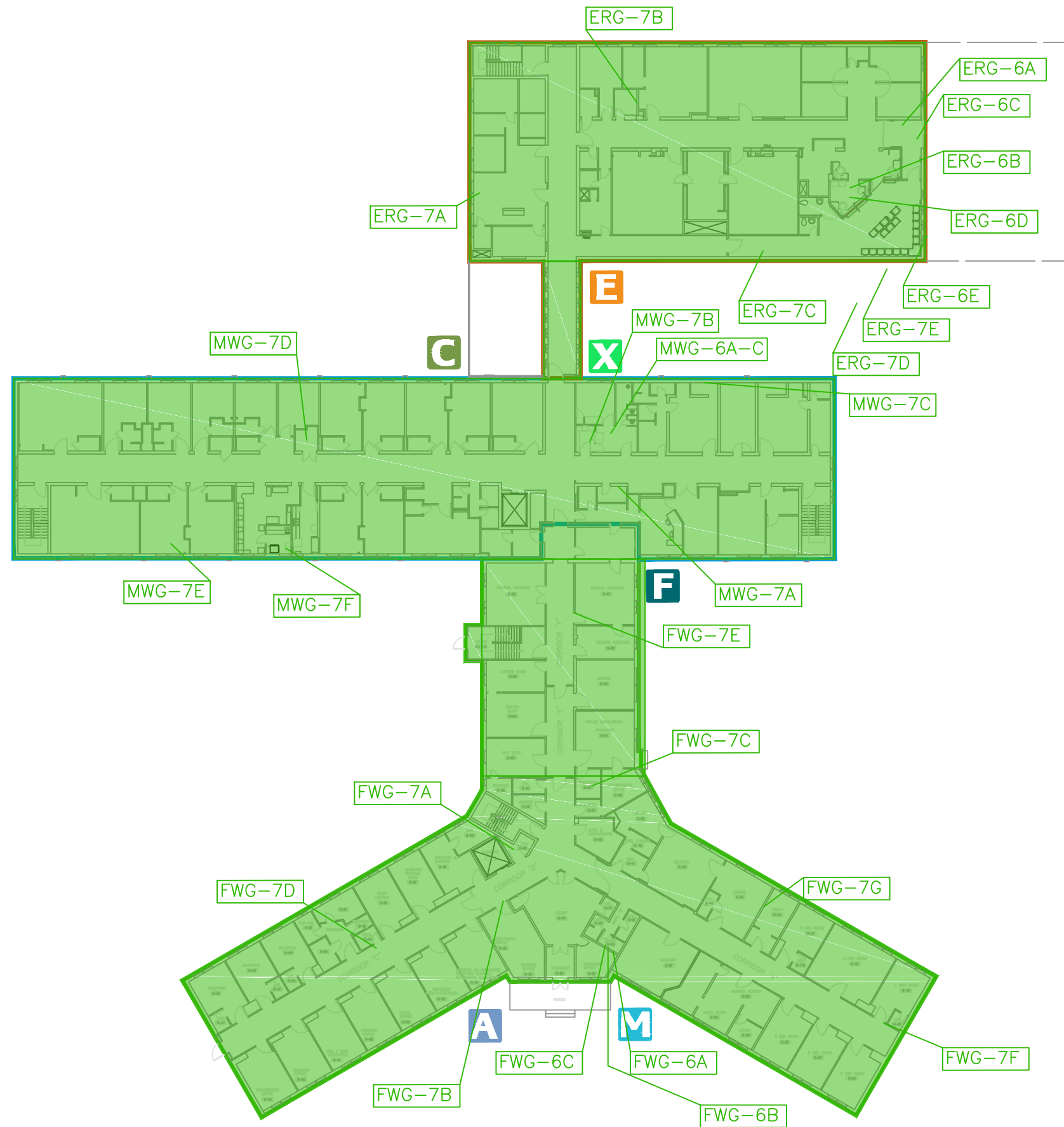


WEST LINCOLN MEMORIAL HOSPITAL - MASTER FLOOR PLANS

BASEMENT MAIN HOSPITAL ACM ON CEILING

PROJECT DATE:	DEPARTMENT:
SCALE:	FACILITIES MANAGEMENT
DRAWN BY:	SUPERVISOR:
MARCO MENDOZA	DUSTIN COPELAND
	FILE NAME:
	proposed room numbers mar 9, 2016

AS-01b



NO.	DATE M/D/Y	REVISIONS	BY
1	1/10/2014	UPDATED	RM
2	4/6/2016	UPDATED BY ECHO	MM

LEGEND - WALLS

- █ ACM NOT PRESENT
- █ ACM PRESENT

**WEST LINCOLN
MEMORIAL HOSPITAL**

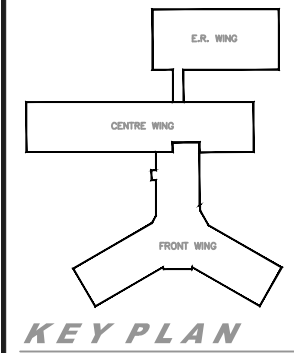
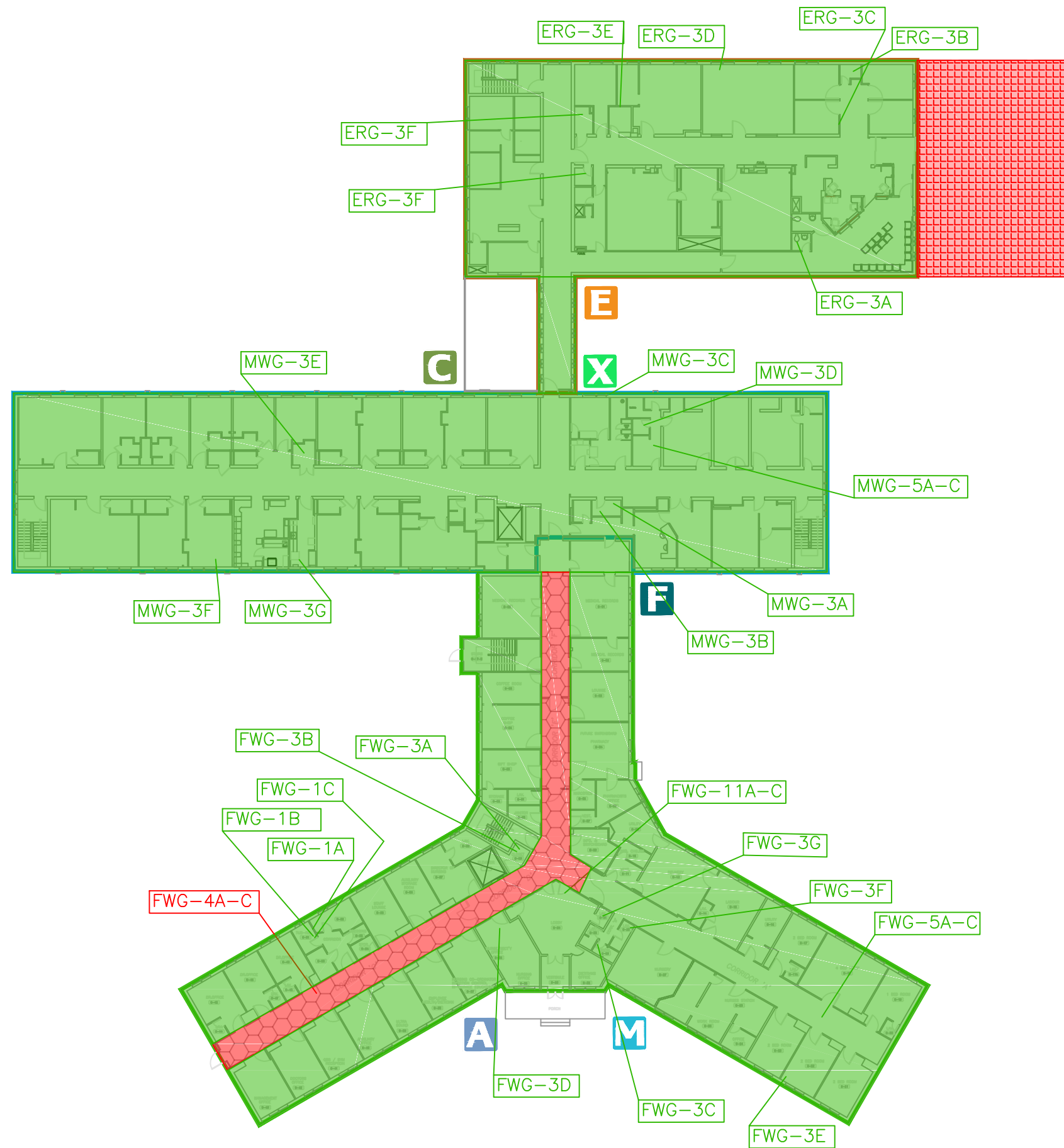


WEST LINCOLN MEMORIAL HOSPITAL - MASTER FLOOR PLANS

**GROUND FLOOR
MAIN HOSPITAL
ACM ON WALLS**

PROJECT NO.:	DEPARTMENT:
SCALE:	SUPERVISOR:
DATE:	FILE NAME:
DRAWN BY:	PROPOSED ROOM NUMBERS:
CHECKED BY:	DATE:

AS-02c



NO.	DATE M/D/Y	REVISIONS	BY
1	1/10/2014	UPDATED	RM
2	4/6/2016	UPDATED BY ECHO	MM

- LEGEND - CEILING
- ACM CEILING TILES
 - ACM NOT PRESENT
 - ACM PRESENT
 - TRANSITE BOARD ABOVE METAL PAN CEILING TILE

WEST LINCOLN
MEMORIAL HOSPITAL

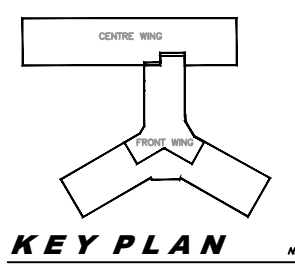
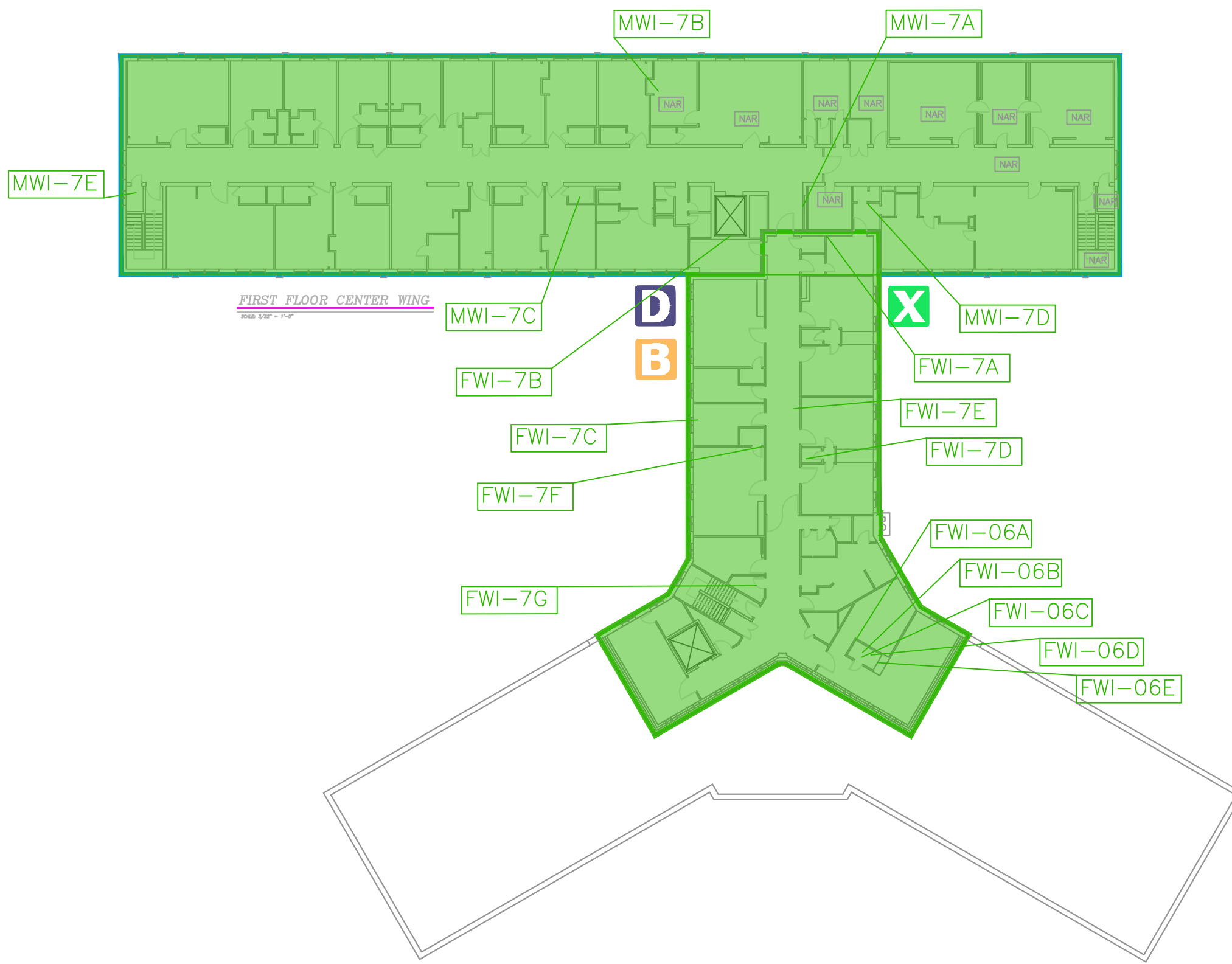


WEST LINCOLN MEMORIAL HOSPITAL - MASTER FLOOR PLANS

GROUND FLOOR
MAIN HOSPITAL
ACM ON CEILING

PROJECT DATE:	DEPARTMENT:
SCALE:	FACILITIES MANAGEMENT
DRAWN BY:	SUPERVISOR:
MARCO MENDOZA	DUSTIN COPELAND
	FILE NAME:
	Proposed room numbers mar 9, 2016

AS-02b



NO.	DATE M/D/Y	REVISIONS	BY
1	1/10/2014	UPDATED	RM
2	4/6/2016	UPDATED BY ECDH	MM
3	6/15/2017	UPDATED BY ECDH	JK

LEGEND - WALL

- ACM PRESENT
- SUSPECT ACM
- NO ACM PRESENT

**WEST LINCOLN
MEMORIAL HOSPITAL**

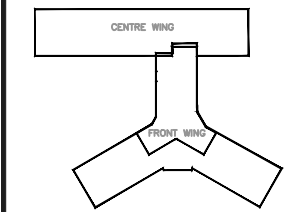
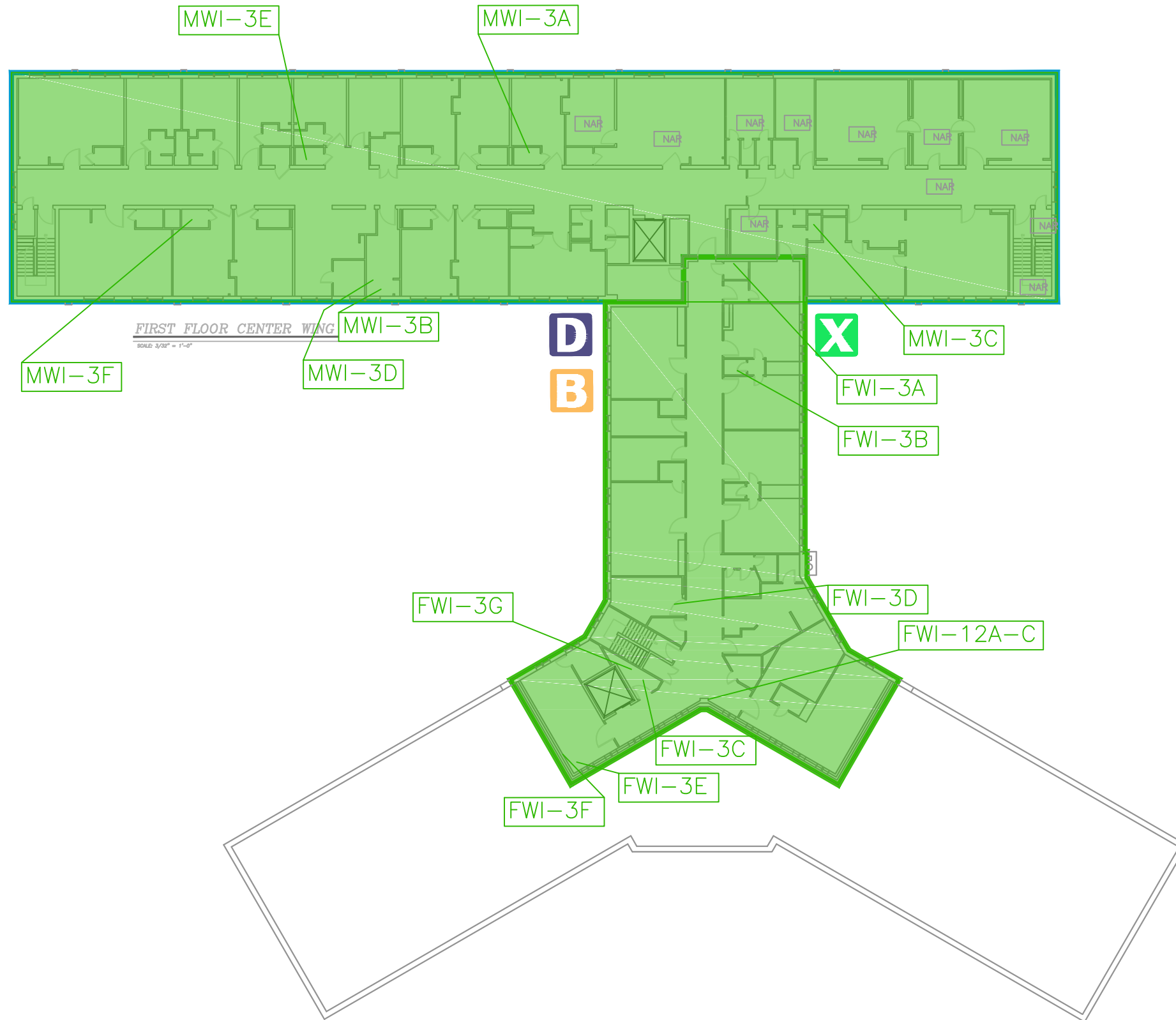


PROJECT:
WEST LINCOLN MEMORIAL
HOSPITAL - MASTER FLOOR
PLANS

DRAWING:
**FIRST FLOOR
MAIN HOSPITAL
ACM ON WALLS**

DATE: -	DEPARTMENT: FACILITIES MANAGEMENT
SCALE: N.T.S.	SUPERVISOR: DUSTIN COPLAND
DRAWN BY: MARCO MENDOZA	FILE NAME: Proposed room numbers mar 9 2018

AS-03c



KEY PLAN N.T.S.

NO.	DATE M/D/Y	REVISIONS	BY
1	1/10/2014	UPDATED	RM
2	4/6/2016	UPDATED BY ECHO	MM

LEGEND -- CEILING

[NAR] NO ACCESS TO ROOM/AREA

[Green Shading] ACM NOT PRESENT

WEST LINCOLN MEMORIAL HOSPITAL

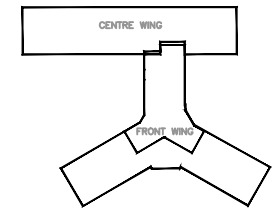
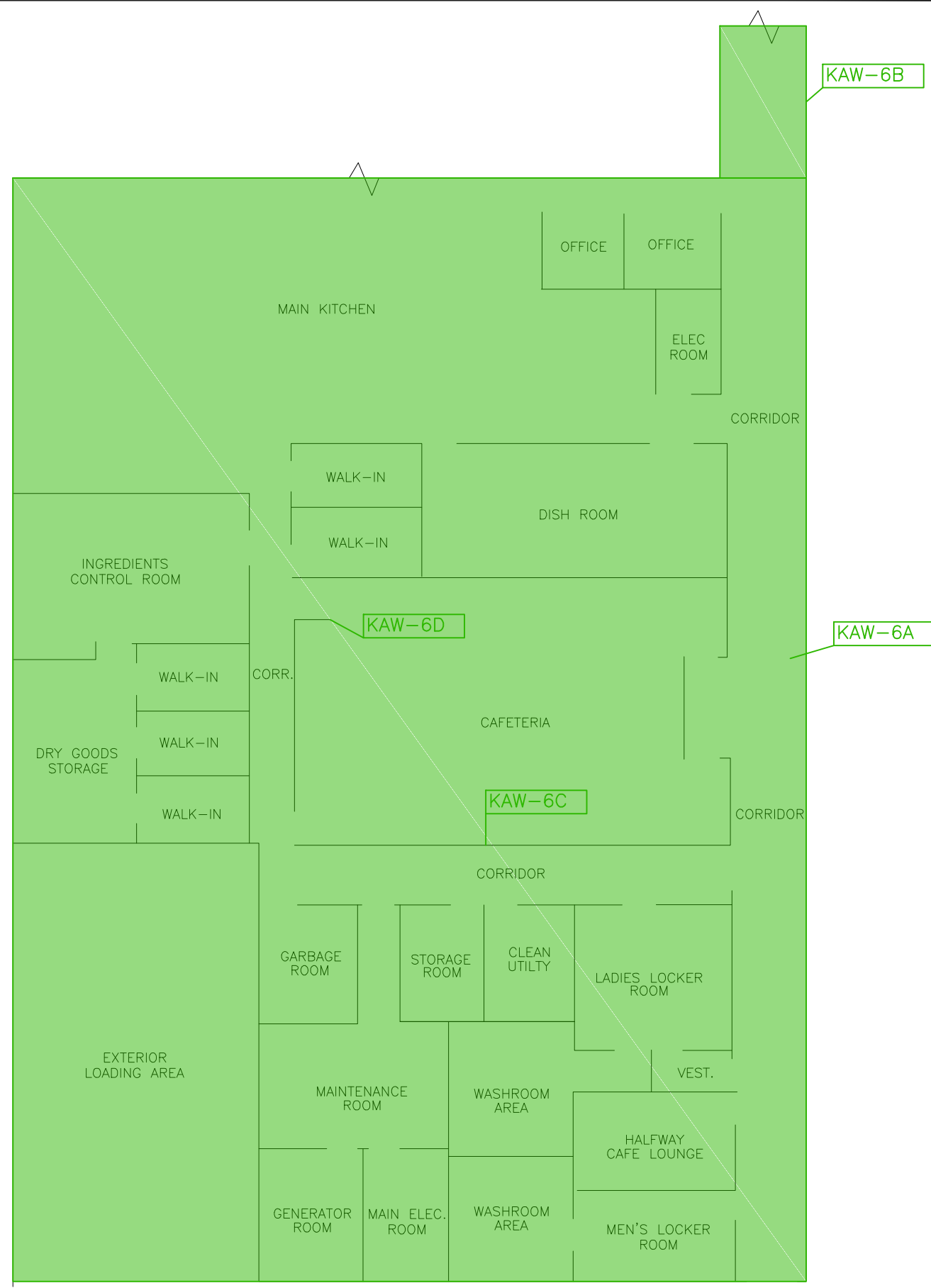
Hamilton Health Sciences
ENGINEERING SERVICES

WEST LINCOLN MEMORIAL HOSPITAL - MASTER FLOOR PLANS

FIRST FLOOR MAIN HOSPITAL ACM ON CEILING

DEPARTMENT: FACILITIES MANAGEMENT
 SUPERVISOR: DUSTIN COPELAND
 N.T.S.
 DRAWN BY: MARCO MENDOZA
 FILE NAME: proposed room numbers mar 9, 2016

AS-03b



KEY PLAN N.T.S.

NO.	DATE M/D/Y	REVISIONS	BY
1	1/10/2014	UPDATED	RM
2	4/6/2016	UPDATED BY EDOH	MM

LEGEND - WALL

- ACM NOT PRESENT
- ACM PRESENT

WEST LINCOLN MEMORIAL HOSPITAL

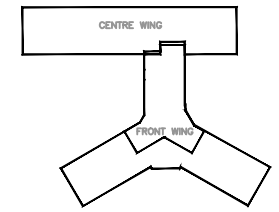
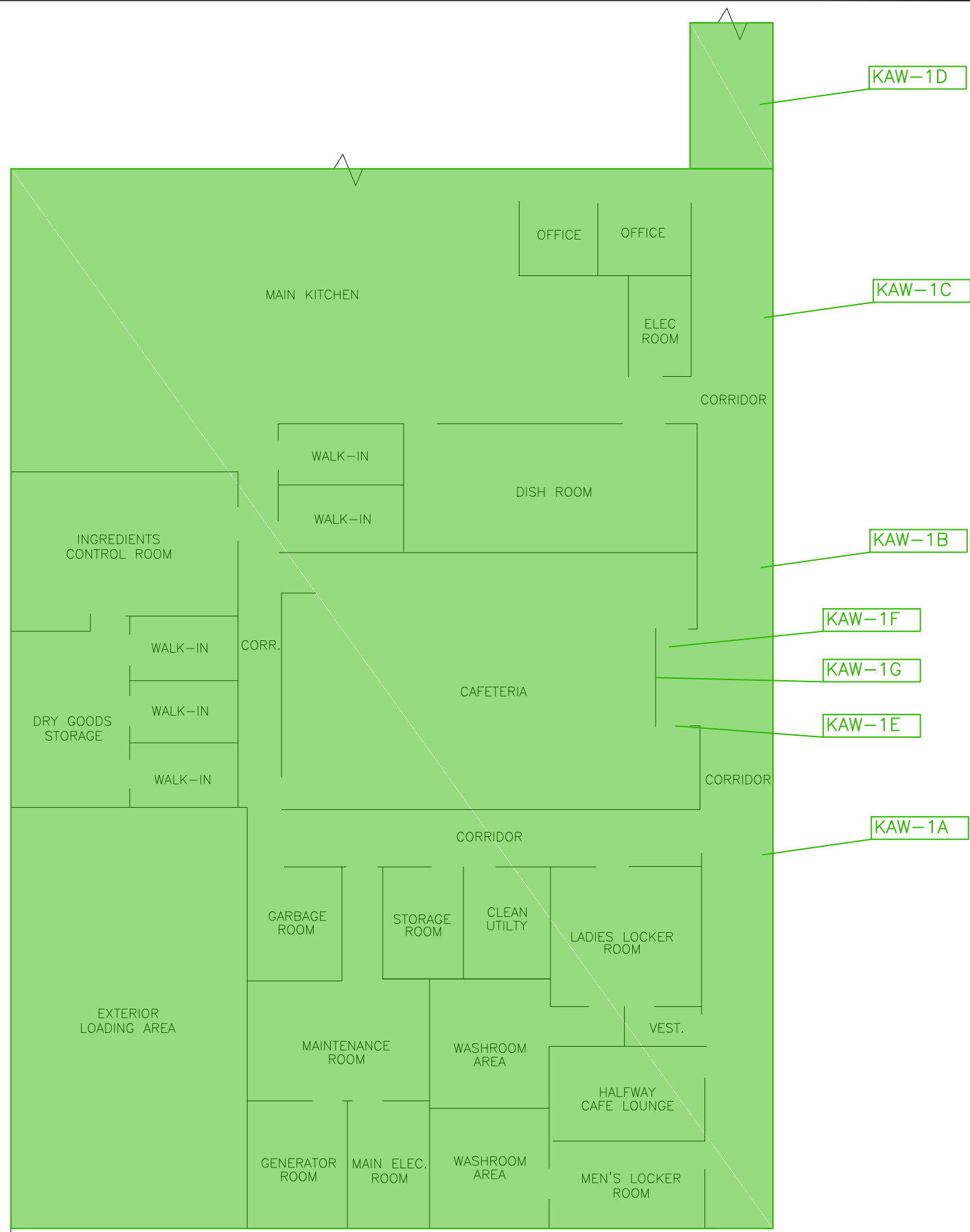


PROJECT: WEST LINCOLN MEMORIAL HOSPITAL - MASTER FLOOR PLANS

DRAWING: **GROUND FLOOR KITCHEN AREA WING ACM ON WALL**

FILED DATE: -	DEPARTMENT: FACILITIES MANAGEMENT
SCALE: N.T.S.	SUPERVISOR: DUSTIN COPLAND
DRAWN BY: MARCO MENDOZA	FILE NAME: Proposed room numbers mar 9 2016

AS-04c



KEY PLAN N.T.S.

NO.	DATE M/D/Y	REVISIONS	BY
1	1/10/2014	UPDATED	RM
2	4/9/2016	UPDATED BY EDOH	MM

LEGEND - CEILING

- ACM NOT PRESENT
- ACM PRESENT

WEST LINCOLN MEMORIAL HOSPITAL

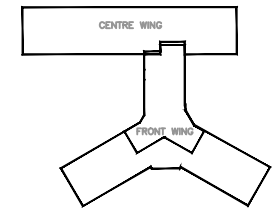


PROJECT: WEST LINCOLN MEMORIAL HOSPITAL - MASTER FLOOR PLANS

DRAWING: **GROUND FLOOR KITCHEN AREA WING ACM ON CEILING**

FLY DATE: -	DEPARTMENT: FACILITIES MANAGEMENT
SCALE: N.T.S.	SUPERVISOR: DUSTIN COPLAND
DRAWN BY: MARCO MENDOZA	FILE NAME: Proposed room numbers mar 9 2016

AS-04b



KEY PLAN N.T.S.

NO.	DATE M/D/Y	REVISIONS	BY
1	1/10/2014	UPDATED	RM
2	4/8/2016	UPDATED BY EDOH	MM

LEGEND - WALL

- ACM NOT PRESENT
- ACM PRESENT

**WEST LINCOLN
MEMORIAL HOSPITAL**

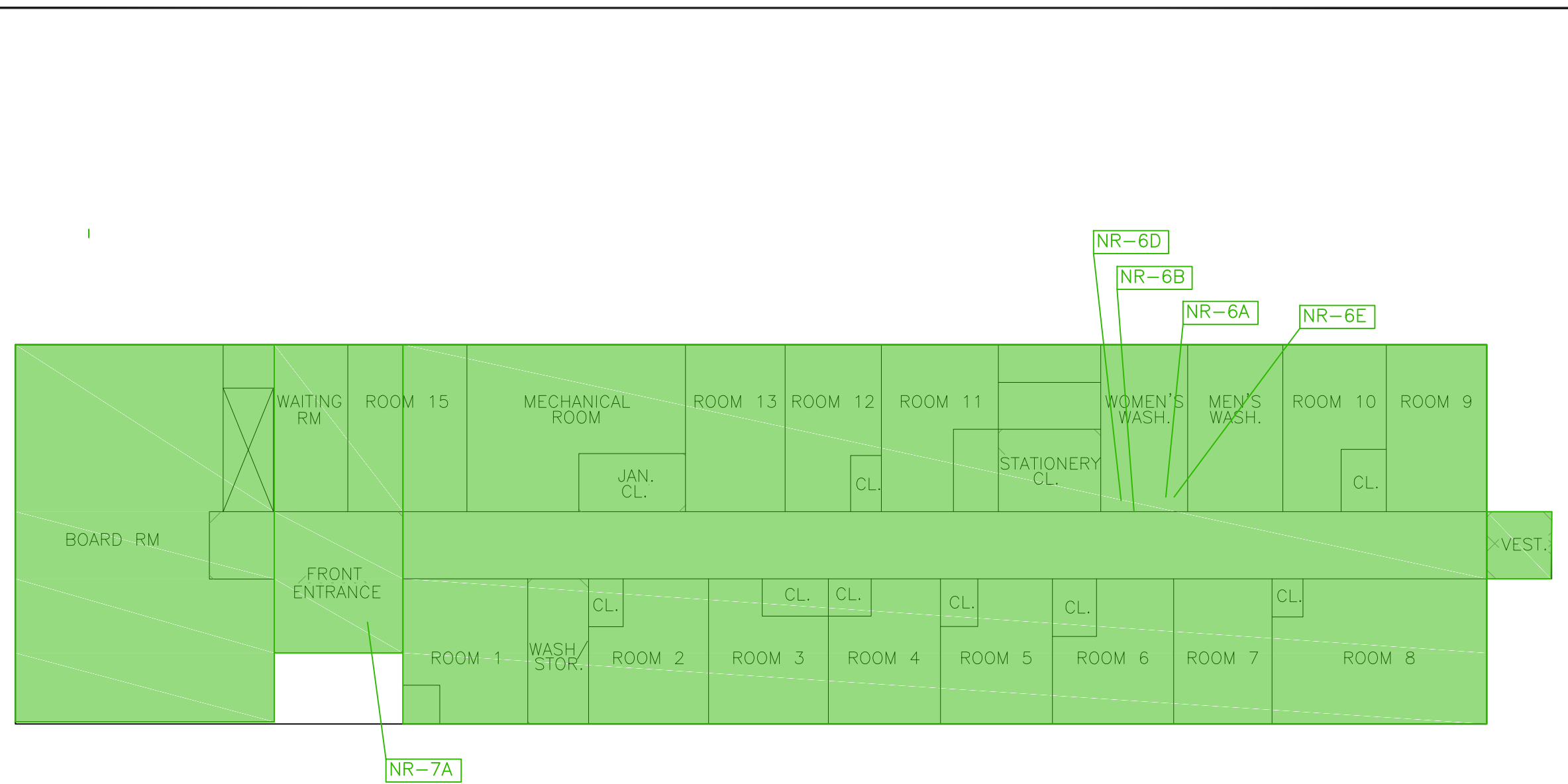


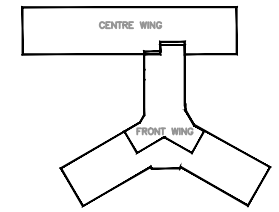
PROJECT:
WEST LINCOLN MEMORIAL
HOSPITAL - MASTER FLOOR
PLANS

DRAWING:
**GROUND FLOOR
NURSES' RESIDENCE
ACM ON WALL**

FILE DATE: -	DEPARTMENT: FACILITIES MANAGEMENT
SCALE: N.T.S.	SUPERVISOR: DUSTIN COPLAND
DRAWN BY: MARCO MENDOZA	FILE NAME: Proposed room numbers mar 9 2016
PROJECT NO.:	

AS-05c



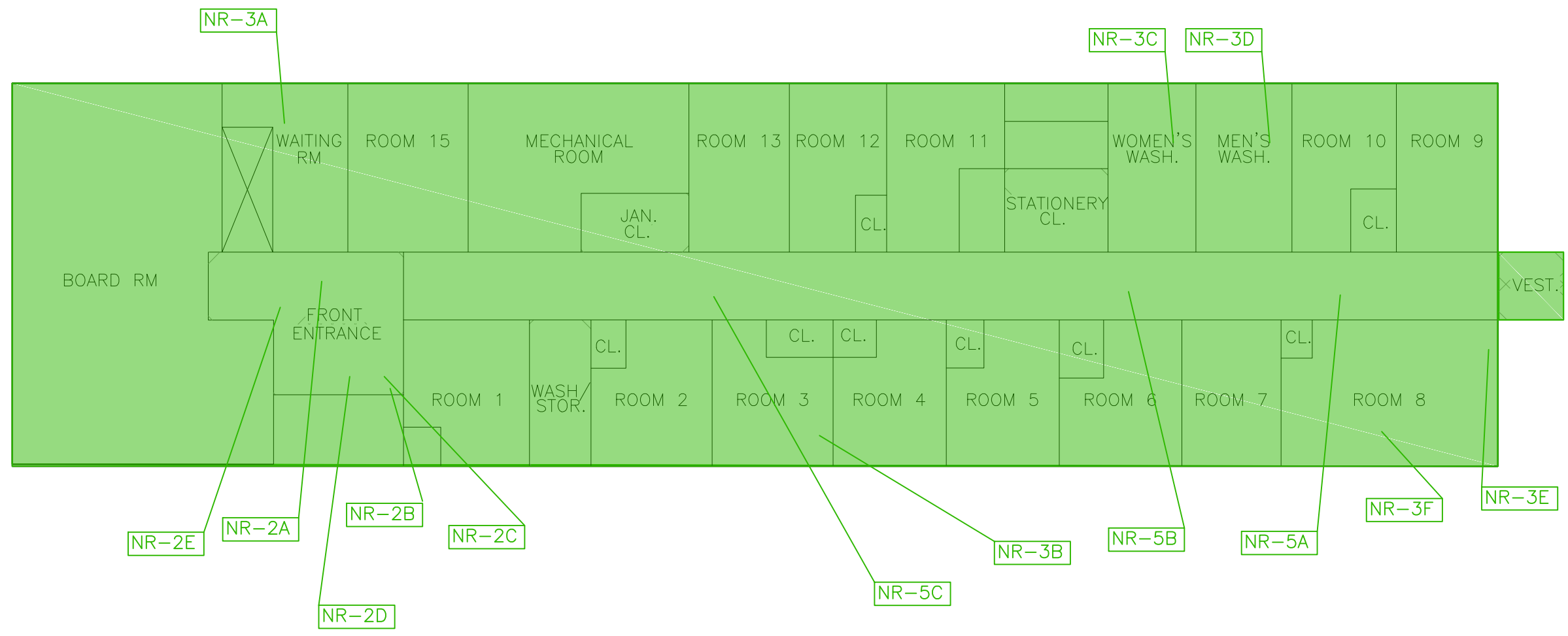


KEY PLAN N.T.S.

NO.	DATE M/D/Y	REVISIONS	BY
1	1/10/2014	UPDATED	RM
2	4/6/2016	UPDATED BY EDOH	MM

LEGEND - CEILING

- ACM NOT PRESENT
- ACM PRESENT



WEST LINCOLN MEMORIAL HOSPITAL



PROJECT: WEST LINCOLN MEMORIAL HOSPITAL - MASTER FLOOR PLANS

DRAWING: **GROUND FLOOR NURSES' RESIDENCE ACM ON CEILING**

FILED DATE: -	DEPARTMENT: FACILITIES MANAGEMENT
SCALE: N.T.S.	SUPERVISOR: DUSTIN COPLAND
DRAWN BY: MARCO MENDOZA	FILE NAME: Proposed room numbers mar 9 2016
PROJECT NO.:	

AS-05b

ATTACHMENT 3

CEILING TILE INDEX






TABLE V Summary of Ceiling Tiles (CT)				
MIN	Description	Sample Number	Results	Photograph
CT1	2'x4' Fissures and Pinholes	17429- WL- ERB- 05A to 05C	None Detected	
CT2	2'x2' Long Fissures and Many Pinholes	17429- WL- FWB- 05A to 05C	None Detected	
CT3	2'x2' Small Fissures and Many Pinholes	17429- WL- FWB- 09A to 09C	None Detected	










TABLE V Summary of Ceiling Tiles (CT)				
MIN	Description	Sample Number	Results	Photograph
CT4	2'x4' Ceiling Tile - Fissures and Small Pinholes	17429-WL-FWG-04A to 04C	2% Chrysotile	
CT5	2'x4' Many Pinholes and Many Fissures	17429-WL-FWG-05A to 05C	None Detected	
CT6	2'x4' Long Fissures w/ Large Pinholes	17429-WL-FWG-11A to 11C	None Detected	
CT7	1'x1' Glue on - Fissures and Pinholes	17429-WL-FW1-12A to 12C	None Detected	

TABLE V Summary of Ceiling Tiles (CT)				
MIN	Description	Sample Number	Results	Photograph
CT8	2'x4' Deep Fissures and Pinholes	17429-WL-MWB-10A to 10C	None Detected	
CT9	2'x4' Small and Large Fissures w/ Pinholes	17429-WL-MWG-05A to 05C	None Detected	
CT10	2'x4' Small Fissures and Pinholes	17429-WL-MWG-11A to 11C	None Detected	

APPENDIX V
Methodology

1.0 METHODOLOGY

Pinchin inspects the current condition of all accessible asbestos-containing materials (ACM) identified in the most recent assessments. The review of the interstitial spaces at MUMC will be very limited and will not include all areas. The surveyor makes reference to any existing assessment reports and information provided by the Client regarding any newly identified ACM.

The re-assessments exclude the following:

- Articles belonging to the owner, tenant or occupant (e.g. stored items, furniture, appliances, etc.);
- Underground materials or equipment (e.g. vessels, drums, underground storage tanks, pipes, etc.);
- Building envelope, structural components, inaccessible or concealed materials or other items where sampling may cause consequential damage to the property.
- Energized systems (e.g. internal boiler components, elevators, mechanical or electrical components);
- Controlled products (e.g. stored chemicals, operational or process-related substances); and
- Materials not typically associated with construction (e.g. settled dust, spills, residual contamination from prior spills, etc.).

As per the original or previous assessments, concealed locations such as ceiling spaces above solid ceilings, shafts and chases are accessed via existing access panels. Our investigation does not include demolition of drywall or plaster walls to view concealed conditions. Structural items or exterior building finishes are not removed to determine the presence of concealed materials.

Existing sampling data is relied upon. The location of any additional asbestos bulk samples that are required to be collected is recorded on small scale plans. The number of asbestos bulk samples obtained, when sampling is required, is in compliance with the requirements of Table 1 of O.Reg. 278/05.

2.0 INFECTION CONTROL

Pinchin will follow the facility's infection control policy and procedures while performing the assessments.

The Client should communicate this proposal and the scope of the assessments to the facility's Infection Control Department and the JHSC for their review so that they are aware that the procedures for infection control during assessments will be met.

Construction of polyethylene enclosures to access ceiling spaces, and the cost for these, if required, is not included.

3.0 ANALYSIS AND IDENTIFICATION OF ASBESTOS MATERIALS

Pinchin relies on the analytical results of prior surveys. Asbestos bulk samples (if required) will be analyzed at an independent NVLAP accredited laboratory. Preliminary identification of asbestos fibres will be made using polarized light microscopy, with confirmation of the presence and type of asbestos made by dispersion staining optical microscopy. The analysis will be performed in accordance with Test Method EPA/600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials, June 1993. All independent laboratories used by Pinchin, including our laboratory, are certified under the National Voluntary Laboratory Accreditation Program (NVLAP) to perform asbestos analysis of bulk samples.

In Ontario an ACM is defined as materials containing 0.5% or more asbestos by weight.

The asbestos analysis is completed using a stop positive approach. Only one result meeting the above regulated criteria is required to determine that a material is asbestos-containing, but all samples must be analyzed to conclusively determine that a material is non-asbestos. The laboratory stops analyzing samples from a homogeneous material once a result equal to or greater than the regulated criteria is detected in any of the samples of that material. All samples of a homogeneous material are analyzed if no asbestos is detected. In some cases, all samples are analyzed in the sample set regardless of result. Where building materials are described in the report as non-asbestos, this means that either no asbestos was detected by the analytical method utilized in any of the multiple samples or, if detected, it is below the lower limit of an asbestos-containing material in the applicable regulation.

Asbestos materials are evaluated in order to make recommendations regarding remedial work. The priority for remedial action is based on several factors:

- Friability (friable or non-friable).
- Condition (good, fair, poor, debris).
- Accessibility (ranking from accessible to all building users to inaccessible).
- Visibility (whether the material is obscured by other building components).
- Efficiency of the work (for example, if damaged ACM is being removed in an area, it may be most practical to remove all ACM in the area even if it is in good condition).

Master Template: Methodology Document for Asbestos Re-Assessment, HAZ, July 21, 2017