



July 11, 2016
MTE File No.: C36672-101

Mr. John Wilson FMA, CCPFM
Manager, Facilities Management Dept.
Huron Perth Healthcare Alliance
46 General Hospital Drive
Stratford, ON N5A 2Y6

Dear Mr. Wilson:

**Revised Re: 2016 Asbestos Audit Update of
Stratford General Hospital
46 General Hospital Drive, Stratford, ON**

1.0 INTRODUCTION

MTE Consultants Inc. (MTE) was retained by Huron Perth Healthcare Alliance (HPHA) to conduct the 2016 Asbestos Audit update for Stratford General Hospital located at 46 General Hospital Drive in Stratford, Ontario.

The purpose of the assignment was to re-assess and document the location, type, and condition of identified asbestos-containing materials (ACM) present within the buildings and make appropriate recommendations for management, abatement or remedial activities, as required. The 2016 audit update was conducted in accordance with the Ontario Ministry of Labour, *Regulation 278/05-Designated Substance-Asbestos on Construction Projects and in Buildings and Repair Operations* (O. Reg. 278/05), and required under section 8(5)a in order for HPHA to meet regulatory requirements for an annual update.

A detailed summary of identified ACM is provided in Table 1 of **Appendix A**. A summary of sampling locations and analytical results is included in Table 2 of **Appendix A**. Figures and photographs (as applicable) of inspected areas are included in **Appendix B**. Laboratory certificates of analysis are included in **Appendix C**.

2.0 SCOPE OF WORK

The Scope of Work for this assessment was approved by the Client and was completed by MTE in accordance with our proposal that included the following activities:

- Review of existing or historical reports and documentation pertaining to ACM within the building;

- Visual inspection to assess the condition of previously identified ACM and address the condition, type and friability of any newly discovered ACM that was not documented in the previous audits, submission of samples to an accredited laboratory;
- Collection of bulk building material samples suspected to contain asbestos for select ACM previously identified as suspect ACM as well as any ACM previously undocumented in accordance with Table 1 of O. Reg. 278/05;
- Submission of samples to an accredited laboratory;
- Photographic log of damaged materials; and
- Preparation of this report of findings and recommendations.

3.0 METHODOLOGY AND ASSESSMENT CRITERIA

This audit was conducted by visual and laboratory identification methods for the assessment of ACMs and their corresponding location, use, condition, friability and type.

Friable Asbestos

As defined by O. Reg. 278/05, “friable material means material that, (a) when dry, can be crumbled, pulverized or powdered by hand pressure, or (b) is crumbled, pulverized or powdered”. Friable materials have a high propensity to liberate asbestos fibres when disturbed. Examples of friable materials include, but are not limited to spray fireproofing, pipe insulation, soft texture coats, damaged materials and debris.

Non-Friable Asbestos

Conversely, non-friable materials have a low propensity to liberate asbestos fibres when disturbed. As such, non-friable ACMs pose a lower exposure hazard than friable ACMs. Examples of non-friable materials include, but are not limited to floor tiles, rolled flooring, asbestos cement products, and tar impregnated fabrics such as roofing felts.

It is important to note that non-friable ACMs can become friable if they are sufficiently deteriorated or damaged by water, chemical agents, or physical wear. Furthermore the breaking, cutting, drilling, abrading, grinding, sanding or vibrating of non-friable asbestos-containing materials, particularly with power-tools and power equipment can cause the material to become friable and increase exposure to workers, building occupants and the public.

Some materials were identified by visual recognition based on surveyor knowledge of the material, and therefore were not sampled. The audit was conducted on a “room-by-room” basis whereby all rooms, hallways, building exterior and mechanical service areas were inspected within the areas outlined in Section 2.0 and was limited to building components, materials and service connections. Notwithstanding that reasonable



attempts were made to identify all ACMs, the possibility of concealed material exists and may not become visible until substantial demolition has occurred and therefore are currently undocumented and did not include the following:

- Locations that may be hazardous to the surveyor;
- Locations where at-risk patients, materials or equipment may be compromised by dust generating work;
- Where invasive inspection could cause consequential damage to the property:
 - Invasive sampling for roofing material sample collection; and
 - Invasive inspection of concealed wall assemblies to examine for the presence of vermiculite-loose fill insulation.
- Locations that require substantial demolition or removal for access or determination of quantities;
- Non-permanent items or personal contents, furnishings; and
- Settled dust or airborne agents unless otherwise stated.

4.0 ASSESSMENT AND RESULTS

Inspections of the various buildings on Site were conducted by MTE on April 14 and 18, 2016. An additional site inspection was conducted on June 14, 2016.

Stratford General Hospital has a building square footage of approximately 273,500 square feet (ft²). The Hospital is located just outside of downtown Stratford. The Site consists of five separate buildings with a pipe/service tunnel system between buildings. The buildings located on Site are referred to as follows:

1. Avoncrest;
2. Centennial Apartments;
3. Conestoga College and Residence;
4. Special Services Unit; and
5. West Building.

Use of asbestos in building materials peaked in the 1950s and 1960s. While the manufacture of most asbestos-containing material (ACM), was banned in the 1970s, buildings constructed in the 1980s have the potential for ACM as well. In 1986 legislation limiting the use of asbestos in consumer products was introduced.

Therefore, friable ACM is not anticipated to be present in buildings after 1990. Some limited non-friable ACM such as asbestos cement roof drains, sanitary lines, laboratory fume hood linings and laboratory ducting and drain pipes may still be found within buildings today.



No ACM or suspect ACMs were identified during the inspection and no bulk sampling was performed or warranted at these locations and include the following:

1. East Building (constructed in 1992);
2. The Lobby connecting the East Building and the West Building at their Northern wings (constructed in 1992); and
3. Ambulance Garage (constructed in 1992).

The general building construction, finishing and systems of inspected buildings and areas are summarized below.

Avoncrest

Avoncrest, which is approximately 60,000 ft², was the original hospital built in 1893, and was renovated in 1982. It is a three-storey building with a poured concrete foundation, wood structure with brick veneer, and a peaked asphalt roof.

Ceiling finishes include plaster, acoustic ceiling tiles, and exposed wood deck. Wall finishes are comprised of plaster, ceramic tile, and exposed concrete. Floor finishes include ceramic tile, carpet, terrazzo, hardwood, vinyl tiles, vinyl sheet flooring, rubber flooring and exposed concrete sub-floor.

Heating is provided from a boiler/radiant heat system located in the basement power plant. Ceiling mounted heaters are also located in the power plant. Mechanical insulations include fibreglass and polyvinyl chloride (PVC) on piping throughout the building. Aircell pipe insulation, mag block pipe, tank and heating unit insulation are located within the power plant. Parged cement insulation on pipe fittings (elbows, tees, valves and hangers) are located throughout the building.

Centennial Apartments

Centennial Apartments is a 9,000 ft² apartment complex built in 1968. It is a brick two-storey structure with four apartment units on each floor.

Ceiling finishes include acoustic ceiling tiles, and plaster and drywall. Wall finishes throughout are plaster and drywall. Floor finishes include vinyl tiles, vinyl sheet flooring and exposed concrete sub-floor.

Heating is provided by a boiler (2006 installation) located in the first floor storage room. Mechanical insulations include fibreglass and cardboard on piping throughout the building. Parged cement insulation on pipe elbow fittings is located in a main floor storage closet.

Conestoga College and Residence

This building was constructed in 1968 and consists of a single storey structure (College) with a full basement attached to a three storey structure (Residence). It is comprised of a poured concrete foundation, open web steel joist structure with brick veneer, and a flat bitumen and ballast roof.

Ceiling finishes include acoustic and glued on ceiling tiles, soft textured finish, plaster and drywall. Wall finishes throughout are concrete block, ceramic tile, plaster and drywall. Floor finishes include terrazzo, ceramic tile, carpet, vinyl tiles, vinyl sheet flooring and exposed concrete sub-floor.

Heating is provided from a rooftop air handling unit. Mechanical insulations throughout the building include fibreglass and horsehair piping with parged cement pipe elbow, tee, valve and hanger fittings. Mag block pipe insulation is located within the basement mechanical room.

West Building

The West Building, which is approximately 130,000 ft² in size, was constructed in 1950, and the upper floors were renovated in the mid 1980s. It is a seven-storey building with a poured concrete foundation, brick veneer, and a rubber membrane roof.

Ceiling finishes include acoustic and glued on ceiling tiles, plaster and drywall. Wall finishes throughout are concrete block, ceramic tile, plaster and drywall. Floor finishes include terrazzo, ceramic tile, carpet, vinyl tiles, vinyl sheet flooring and exposed concrete sub-floor.

Heating is provided from a boiler located in the basement boiler room. Mechanical insulations throughout the building include fibreglass, horsehair and mag block on piping. Parged cement insulation on pipe fittings (elbows, tees, valves and hangers) are located throughout the building

Special Services Unit

The Special Services Unit, which is approximately 14,000 ft² in size was built in 1929. It is a two-storey building with a full basement on a poured concrete foundation, with brick veneer and a flat bitumen and ballast roof.

Ceiling finishes include acoustic ceiling tiles, plaster, hard stucco and exposed concrete deck. Wall finishes throughout are plaster and hard stucco. Floor finishes include terrazzo, vinyl tiles, vinyl sheet flooring and exposed concrete sub-floor.

Heating is provided by radiant heat from the main building power plant. Mechanical insulations throughout the building include fibreglass and PVC piping with parged cement pipe elbow, tee and valve fittings.

4.1 Findings and Analytical Results

During this audit update, a total of 36 bulk samples of building materials suspected to contain asbestos were collected and were submitted for asbestos analysis with a total of 33 analyses being performed. The difference between the number of samples submitted and the number of samples analysed is a function of the stop positive method and analysis of multiple layers, performed by the laboratory, from a single sample reported as additional samples or subsets of a sample.

Bulk samples were submitted for asbestos analysis to Paracel Laboratories Ltd. (Paracel), in Mississauga, Ontario. Paracel is certified under the National Voluntary Laboratory Accreditation Program to perform asbestos analysis of bulk samples by PLM. Laboratory analysis was conducted in accordance with the United States Environmental Protection Agency (USEPA), Test Method EPA/600-R-93/116: Method for the Determination of Asbestos in Bulk Building Materials, June, 1993 by Polarized Light Microscopy as prescribed by O. Reg. 278/05. Laboratory certificates of analysis are provided as an attachment to this report.

A detailed summary of identified ACM is provided in Table 1 of Appendix A. A summary of all available information regarding sampling locations and analytical results for the building is included in Table 2 of Appendix A.

A discussion of previously identified ACM and ACM identified at the time of the inspection, based on the surveyor's knowledge, and/or confirmed by laboratory analysis, is provided below. All ACM were in good condition, unless otherwise noted.

Avoncrest

Friable ACM:

- Mechanical Insulations:
 - Parged pipe fittings on elbows/tees and valves located on pipe systems:
 - 5 pipe fittings were damaged at the time of inspection (Photographs 1-4).
 - Mag block insulation on hot water tanks and boilers:
 - Approximately 5 ft² damaged on ceiling mounted heaters at the time of inspection (Photographs 5-7); and
 - Approximately 10 ft² damaged on boilers at the time of inspection (Photographs 8-10).
 - Air Cell pipe insulation on pipe systems.

Non-Friable ACM:

- 9"x9" beige with rust fleck vinyl floor tiles:
 - Associated mastic is non asbestos-containing.
- 9"x9" grey with white fleck vinyl floor tiles (Basement):
 - Approximately 20-30 tiles were damaged at the time of inspection (Photographs 11 & 12).
- 9"x9" dark grey with white/red streak vinyl floor tiles;
- 9"x9" blue with white streak vinyl floor tiles;
- 9"x9" red with white fleck vinyl floor tiles;
- 12"x12" white with green fleck vinyl floor tiles;
- 12"x12" green with white fleck vinyl floor tiles;
- 12"x12" green vinyl floor tiles;
- 12"x12" white multi-colour fleck vinyl floor tiles;
- Beige pebble vinyl sheet flooring;
- Brown pebble vinyl sheet flooring;
- Red pebble vinyl sheet flooring; and
- Hard texture coat on ceilings and walls.

Suspect ACM:

- Floor tile mastic & floor levelling compounds (if present) – sampling requires damage to flooring finish;
- Roofing materials (paper/felts/mastics/sealants) on low slope and steep shingled slope roofs - sampling impairs integrity and date of installation could not be confirmed; and
- Window and door sealants - not sampled, impairs integrity of seal.

Potentially Concealed Suspect ACM:

- Air Cell pipe insulation sections may be present on fiberglass insulated pipe systems;
- Door core insulation - not inspected, requires dismantling of door;
- Jacketing on electrical wiring in wall cavities/ceiling spaces;
- Vermiculite loose fill insulation in wall cavities/ceiling spaces; and
- Boiler refractory/gaskets – boiler in service, interior not inspected.

Centennial Apartments**Friable ACM:**

- Mechanical Insulations:
 - Parged pipe fittings on elbows/tees and valves located on pipe systems.

Non-Friable ACM:

- 12"x12" white with black fleck vinyl floor tiles; and
- 12"x12" tan with brown streak vinyl floor tiles.

Suspect ACM:

- 1"x1" ceiling tile mastic;
- Drywall joint compound and/or plaster throughout units;
- Floor tile mastic & floor levelling compounds (if present) – sampling requires damage to flooring finish;
- Roofing materials (paper/felts/mastics/sealants) on low slope and steep shingled slope roofs - sampling impairs integrity and date of installation could not be confirmed; and
- Window and door sealants - not sampled, impairs integrity of seal.

Potentially Concealed Suspect ACM:

- Door core insulation - not inspected, requires dismantling of door; and
- Vermiculite loose fill insulation in wall cavities/ceiling spaces.

Conestoga College and Residence**Friable ACM:**

- Mechanical Insulations:
 - Parged pipe fittings on elbows/tees and valves located on pipe systems.

Non-Friable ACM:

- 12"x12" white with grey fleck vinyl floor tiles;
- 12"x12" beige with brown/white streak vinyl floor tiles;
- 12"x12" beige with grey streak vinyl floor tiles;
- 12"x12" yellow with white streak vinyl floor tiles;
- Gold pebble vinyl sheet flooring;
- Brown pebble vinyl sheet flooring;
- Drywall joint compound on walls/ceilings within the Residence; and
- Asbestos cement (Transite) panels at exterior overhangs.

Suspect ACM:

- Drywall joint compound on walls/ceilings within Conestoga College;
- Floor tile mastic & floor levelling compounds (if present) – sampling requires damage to flooring finish;
- Mastic on 1"x1" long fissure ceiling tiles – sampling requires damage to ceiling tiles;
- Duct expansion joints – sampling impairs integrity of equipment;
- Roofing materials (paper/felts/mastics/sealants) on low slope and steep shingled slope roofs - sampling impairs integrity and date of installation could not be confirmed; and
- Window and door sealants - not sampled, impairs integrity of seal.

Potentially Concealed Suspect ACM:

- Door core insulation - not inspected, requires dismantling of door; and
- Vermiculite loose fill insulation in wall cavities/ceiling spaces.

West Building**Friable ACM:**

- Mechanical Insulations:
 - Parged pipe fittings on elbows/tees and valves located on pipe systems.
- Vinyl sheet flooring leveling compound (friable based on observed condition).

Non-Friable ACM:

- Black tar on ducting;
- 9"x9" grey with white/brown vinyl floor tiles;
- 9"x9" blue with pink fleck vinyl floor tiles;
- 9"x9" grey with white fleck vinyl floor tiles;
- 9"x9" grey with white streak vinyl floor tiles;
- Beige cobble vinyl sheet flooring, associated levelling compound is friable based on material condition and laboratory analysis in Room W183A;
- Friable levelling compound is suspected to be associated with the following ACM vinyl sheet flooring based on material condition identified in W183A:
 - Large square beige vinyl sheet flooring;
 - Dark beige vinyl sheet flooring (friable levelling compound suspected present based on material condition identified in W183A);
 - Beige/gold vinyl sheet flooring;
 - Dark grey cobble vinyl sheet flooring;
 - White pebble vinyl sheet flooring;
 - Yellow pebble vinyl sheet flooring; and
 - Blue vinyl sheet flooring.

Suspect ACM:

- Drywall joint compound on walls/ceilings;
- Orange pebble vinyl sheet flooring;
- Brown pebble vinyl sheet flooring;
- Mechanical Insulations:
 - Air Cell pipe insulation on pipe systems.
- Floor tile mastic & floor levelling compounds (if present) – sampling requires damage to flooring finish;
- Duct expansion joints – sampling impairs integrity of equipment;
- Roofing materials (paper/felts/mastics/sealants) on low slope and steep shingled slope roofs - sampling impairs integrity and date of installation could not be confirmed; and
- Window and door sealants - not sampled, impairs integrity of seal.

Potentially Concealed Suspect ACM:

- Door core insulation - not inspected, requires dismantling of door;
- Jacketing on electrical wiring in wall cavities/ceiling spaces;
- Vermiculite loose fill insulation in wall cavities/ceiling spaces; and
- Boiler refractory/gaskets – boiler in service, interior not inspected.

Special Services Unit

Friable ACM:

- Mechanical Insulations:
 - Parged pipe fittings on elbows/tees and valves located on pipe systems.

Suspect ACM:

- Plaster walls/ceilings;
- Beige cobble vinyl sheet flooring;
- Floor tile mastic & floor levelling compounds (if present) – sampling requires damage to flooring finish;
- Duct expansion joints – sampling impairs integrity of equipment;
- Roofing materials (paper/felts/mastics/sealants) on low slope and steep shingled slope roofs - sampling impairs integrity and date of installation could not be confirmed; and
- Window and door sealants - not sampled, impairs integrity of seal.

Potentially Concealed Suspect ACM:

- Door core insulation - not inspected, requires dismantling of door;
- Jacketing on electrical wiring in wall cavities/ceiling spaces; and
- Vermiculite loose fill insulation in wall cavities/ceiling spaces.

Suspect or visually confirmed ACM must be deemed to be asbestos-containing and treated as if they contain a type of asbestos other than Chrysotile. Alternatively they may be sampled prior to disturbance to assess the presence of ACM.

4.2 Conclusions and Recommendations

A detailed summary of identified ACM is provided in Table 1 provided as an attachment.

ACMs were identified within the building. If these materials, including those deemed or suspected, will be disturbed, or will likely be disturbed, during building maintenance, renovations, construction, or demolition activities, they must be handled and disposed of in accordance with the procedures prescribed by O. Reg. 278/05.

In addition, damaged ACM was identified and requires removal or repair. All asbestos work must be conducted by contractors who are trained and experienced in the type of asbestos operations required, and should be overseen by a qualified third party Health, Safety and Environmental professional. In order to conduct Type 3 asbestos operations, contractors must be certified as Asbestos Abatement Workers AAW (Trade code 253W) and Asbestos Abatement Supervisors AAS (Trade code 253S) by The Ministry of Training, Colleges and Universities as prescribed by Section 20 of O. Reg. 278/05.

This audit was conducted for the long term management of ACM within the building. If any construction, renovation, alteration, or maintenance activities are required or planned, additional inspections are recommended. ACM may also be present in concealed locations. If any construction, renovation, alteration, or maintenance activities are required or planned, invasive inspections of concealed locations for potential ACM must be performed prior to such activities. Should any suspect ACM be discovered, work should cease and the materials should not be disturbed. Suspect ACM must be treated as asbestos-containing or sampled and proven to not contain asbestos. Any activities that require disturbance of ACM must be performed in accordance with O. Reg. 278/05.

Asbestos Administration and Management Requirements

There are no requirements under current legislation to remove ACM from a building simply because it is present. However, O. Reg. 278/05 requires that an Asbestos Management Program (AMP) be implemented and maintained by the owner/employer where asbestos-containing materials are identified or suspected present. The AMP includes but is not necessarily limited to:

- Identification of ACM by the preparation of an Asbestos Audit Report (that is to be kept on the premises);
- Notification of the presence of ACM in the facility to workers, contractors, tenants and occupiers;
- Training of every worker who; will conduct Type 1, 2 or 3 Operations or may do work that; i) involves ACM, or ii) is carried on in close proximity to ACM and may disturb it shall include:
 - The hazards of asbestos exposure;
 - Personal industrial hygiene and work practices;
 - The use, care and disposal of protective equipment and clothing, including:
 - a) the limitations of the equipment;
 - b) inspection and maintenance of the equipment;
 - c) proper fitting of a respirator; and
 - d) respirator cleaning and disinfection.
 - Measures and procedures prescribed by O. Reg. 278/05.



- The control of worker exposure to asbestos fibers through:
 - Engineered controls;
 - Policies;
 - Procedures;
 - Training;
 - Personal Protective Equipment (PPE); and
 - Hygiene.
- The maintenance and updating of information in the audit at least annually or whenever new information relating to the audit becomes available.



5.0 LIMITATIONS

Services performed by **MTE Consultants Inc.** (MTE) were conducted in a manner consistent with the level of care and skill ordinarily exercised by members of the Environmental Engineering & Consulting profession. No other representation expressed or implied as to the accuracy of the information, conclusions or recommendations is included or intended in this report.

This report was completed for the sole use of MTE and the Client. It was completed in accordance with the approved Scope of Work referred to in Section 2.0. As such, this report may not deal with all issues potentially applicable to the site and may omit issues that are or may be of interest to the reader. MTE makes no representation that the present report has dealt with all-important environmental features, except as provided in the Scope of Work. All findings and conclusions presented in this report are based on site conditions, as they existed during the time period of the investigation. This report is not intended to be exhaustive in scope or to imply a risk-free facility.

Any use which a third party makes of this report, or any reliance on, or decisions to be made based upon it, are the responsibility of such third parties. MTE accepts no responsibility for liabilities incurred by or damages, if any, suffered by any third party as a result of decisions made or actions taken, based upon this report. Others with interest in the site should undertake their own investigations and studies to determine how or if the condition affects them or their plans.

It should be recognized that the passage of time might affect the views, conclusions and recommendations (if any) provided in this report because environmental conditions of a property can change. Should additional or new information become available, MTE recommends that it be brought to our attention in order that we may re-assess the contents of this report.

Yours truly,

MTE CONSULTANTS INC.

A handwritten signature in blue ink, appearing to read "Paul Semeniuk".

Paul Semeniuk, B.E.S.
Technologist
psemeniuk@mte85.com

A handwritten signature in blue ink, appearing to read "Aisling Dennett".

Aisling Dennett, B.A., C.E.T., CRSP, LEED AP
Manager, Indoor Environments
adennett@mte85.com

PXS:clt
Attach.



TABLES

TABLE 1: SUMMARY OF IDENTIFIED ACM FOR STRATFORD GENERAL HOSPITAL

Material	Location	Material Description	Remedial Action Required	Ongoing Management & Method / Regulation
Avoncrest				
Damaged Asbestos Friable	Power Plant, Basement Corridor, Room 037B, 2 nd Floor North Corridor	5 Pipe Fittings Visually Confirmed	Yes	Repair/Removal Type 2 Glove Bag Operation in accordance with O. Reg. 278/05
	Basement Power Plant	Approximately 10 ft ² of Mag Block Insulation on Ducting	Yes	Repair Type 2 Operation in accordance with O. Reg. 278/05
	Basement Laundry	Approximately 5 ft ² of Mag Block Insulation on Ceiling Mounted Heaters (Visually Confirmed)	Yes	Repair Type 2 Operation in accordance with O. Reg. 278/05
	Basement Power Plant	Approximately 10 ft ² of Mag Block Insulation on Boilers	Yes	Repair Type 2 Operation in accordance with O. Reg. 278/05
Damaged Asbestos Non-Friable	Throughout Basement	Approximately 20-30 9"x9" Grey with White Fleck Vinyl Floor Tiles	Yes	Removal Type 1 Operation in accordance with O. Reg. 278/05
Asbestos Friable	Basement Power Plant Office	Aircell Pipe Insulation on Pipe Confirmed by Laboratory Analysis (2007)	No	In Place management or Removal as required prior to maintenance/renovations/ construction/demolition activities in accordance with O. Reg. 278/05
	Basement Power Plant	Mag Block Insulation on Pipe Confirmed by Laboratory Analysis (2007)	No	
	Basement Power Plant	Mag Block Insulation on Hot Water Tanks and Boilers Confirmed by Laboratory Analysis (2007/2016)	No	
	Throughout on Piping	1,276 Pipe Fittings Visually Confirmed	No	

TABLE 1: SUMMARY OF IDENTIFIED ACM FOR STRATFORD GENERAL HOSPITAL

Material	Location	Material Description	Remedial Action Required	Ongoing Management & Method / Regulation
Asbestos Non-Friable	Basement Room 026	9"x9" Beige with Rust Fleck Vinyl Floor Tiles Confirmed by Laboratory Analysis (2012)	No	In Place management or Removal as required prior to maintenance/renovations/ construction/demolition activities in accordance with O. Reg. 278/05
	Throughout	9"x9" Grey with White Fleck Vinyl Floor Tiles Confirmed by Laboratory Analysis (2012)	No	
	3 rd Floor Room 308	9"x9" Red with White Fleck Vinyl Floor Tiles Confirmed by Laboratory Analysis (2012)	No	
	2 nd Floor Elevator Storage, Stair #4	9"x9" Blue with White Fleck Vinyl Floor Tiles Confirmed by Laboratory Analysis (2016)	No	
	3 rd Floor Rooms 348, 350, 351	9"x9" Dark Grey with White/Red streak Vinyl Floor Tiles Confirmed by Laboratory Analysis (2016)	No	
	Basement	12"x12" White with Green Fleck Vinyl Floor Tiles Confirmed by Laboratory Analysis (2012)	No	
	Basement	12"x12" Green with White Fleck Vinyl Floor Tiles Confirmed by Laboratory Analysis (2012)	No	
	Basement	12"x12" Green Vinyl Floor Tiles Confirmed by Laboratory Analysis (2012)	No	
	Throughout Stairwells and 2 nd Floor Corridor	12"x12" White Multi-Colour Fleck Vinyl Floor Tiles Confirmed by Laboratory Analysis (2012)	No	
	Throughout	Beige Pebble Vinyl Sheet Flooring Confirmed by Laboratory Analysis (2012)	No	

TABLE 1: SUMMARY OF IDENTIFIED ACM FOR STRATFORD GENERAL HOSPITAL

Material	Location	Material Description	Remedial Action Required	Ongoing Management & Method / Regulation
Asbestos Non-Friable	Throughout	Brown Pebble Vinyl Sheet Flooring Confirmed by Laboratory Analysis (2012)	No	In Place management or Removal as required prior to maintenance/renovations/construction/demolition activities in accordance with O. Reg. 278/05
	3 rd Floor Room 353	Red Pebble Vinyl Sheet Flooring Confirmed by Laboratory Analysis (2016)	No	
Suspect Asbestos Friable	Throughout	Floor Tile Mastic and Leveling Compounds	No	In place management as ACM or Sample prior to maintenance/renovations/construction/demolition activities and if confirmed ACM, removal in accordance with O. Reg. 278/05
	Exterior	Roofing Materials (Paper/Felts/Mastics/Sealants) on Low Slope Roof	No	
	Throughout	Exterior/Interior Sealants in Windows/Doors	No	
Potentially Concealed Asbestos	Throughout on Piping	Air Cell Pipe Insulation sections may be present on fiberglass insulated pipe systems	No	Invasive sampling prior to maintenance/renovations/construction/demolition activities, if sampling confirms as ACM, removal in accordance with O. Reg. 278/05
	Interior of Doors	Door Core Insulation	No	
	Interior of Boiler	Boiler Refractory	No	
	Concealed in Wall Cavities/Ceiling Spaces	Vermiculite Loose-Fill Insulation	No	
	Concealed in Wall Cavities/Ceiling Spaces	Jacketing on electrical wiring	No	

TABLE 1: SUMMARY OF IDENTIFIED ACM FOR STRATFORD GENERAL HOSPITAL

Material	Location	Material Description	Remedial Action Required	Ongoing Management & Method / Regulation
Centennial Apartments				
Asbestos Friable	1 st Floor Storage	2 Pipe Fittings Visually Confirmed (More Suspected in Units)	No	In Place management or Removal as required prior to maintenance/renovations/ construction/demolition activities in accordance with O. Reg. 278/05
Asbestos Non-Friable	Throughout Corridors	12"x12" White with Black Fleck Vinyl Floor Tiles Confirmed by Laboratory Analysis (2012)	No	
	1 st Floor Unit 2	12"x12" Tan with Brown Streak Vinyl Floor Tiles Confirmed by Laboratory Analysis (2016)	No	
Suspect Asbestos Non-Friable	Throughout	1'x1' Ceiling Tile Mastic	No	In place management as ACM or Sample prior to maintenance/renovations/ construction/demolition activities and if confirmed ACM, removal in accordance with O. Reg. 278/05
	Throughout Units	Drywall Joint Compound and/or Plaster	No	
	Throughout	Floor Tile Mastic and Leveling Compounds	No	
	Exterior	Roofing Materials (Paper/Felts/Mastics/Sealants) on Low Slope Roof	No	
	Throughout	Exterior/Interior Sealants in Windows/Doors	No	
Potentially Concealed Asbestos	Interior of Doors	Door Core Insulation	No	Invasive sampling prior to maintenance/renovations/ construction/demolition activities, if sampling confirms as ACM, removal in accordance with O. Reg. 278/05
	Concealed in Wall Cavities/ Ceiling Spaces	Vermiculite Loose-Fill Insulation	No	

TABLE 1: SUMMARY OF IDENTIFIED ACM FOR STRATFORD GENERAL HOSPITAL

Material	Location	Material Description	Remedial Action Required	Ongoing Management & Method / Regulation
Conestoga College and Residence				
Asbestos Friable	Throughout on Pipe Systems	385 Pipe Fittings Visually Confirmed	No	In Place management or Removal as required prior to maintenance/renovations/ construction/demolition activities in accordance with O. Reg. 278/05
Asbestos Non-Friable	Conestoga College B4, B5	12"x12" White with Grey Fleck Vinyl Floor Tiles Confirmed by Laboratory Analysis (2012)	No	In Place management or Removal as required prior to maintenance/renovations/ construction/demolition activities in accordance with O. Reg. 278/05
	Conestoga College 45	12"x12" Beige with Brown/White Streak Vinyl Floor Tiles Confirmed by Laboratory Analysis (2016)	No	
	Conestoga College 13, 21, 53, 53A	12"x12" Beige with Grey Streak Vinyl Floor Tiles Confirmed by Laboratory Analysis (2016)	No	
	Residence 1 st Floor Laundry	12"x12" Yellow with White Streak Vinyl Floor Tiles Confirmed by Laboratory Analysis (2016)	No	
	Residence Lounge Areas	Gold Pebble Vinyl Sheet Flooring Confirmed by Laboratory Analysis (2012)	No	
	Residence Lounge Areas	Brown Pebble Vinyl Sheet Flooring Confirmed by Laboratory Analysis (2012)	No	
	Residence Throughout	Drywall Joint Compound Confirmed by Laboratory Analysis (2012)	No	
	Conestoga College Exterior	Asbestos Cement (Transite) Panels at Overhangs – Deemed	No	

TABLE 1: SUMMARY OF IDENTIFIED ACM FOR STRATFORD GENERAL HOSPITAL

Material	Location	Material Description	Remedial Action Required	Ongoing Management & Method / Regulation
Suspect Asbestos Non-Friable	Conestoga College Throughout	Drywall Joint Compound	No	In place management as ACM or Sample prior to maintenance/renovations/ construction/demolition activities and if confirmed ACM, removal in accordance with O. Reg. 278/05
	Conestoga College Throughout	1'x1' Long Fissure Ceiling Tile Mastic	No	
	Throughout	Floor Tile Mastic and Leveling Compounds	No	
	Exterior	Roofing Materials (Paper/Felts/Mastics/Sealants) on Low Slope Roof	No	
	Throughout	Exterior/Interior Sealants in Windows/Doors	No	
Potentially Concealed Asbestos	Interior of Doors	Door Core Insulation	No	Invasive sampling prior to maintenance/renovations/ construction/demolition activities, if sampling confirms as ACM, removal in accordance with O. Reg. 278/05
	Concealed in Wall Cavities/ Ceiling Spaces	Vermiculite Loose-Fill Insulation	No	
West Building				
Asbestos Friable	Throughout on Pipe Systems	108 Pipe Fittings Confirmed by Laboratory Analysis (2007) (More Suspected Above Ceiling Throughout)	No	In Place management or Removal as required prior to maintenance/renovations/ construction/demolition activities in accordance with O. Reg. 278/05

TABLE 1: SUMMARY OF IDENTIFIED ACM FOR STRATFORD GENERAL HOSPITAL

Material	Location	Material Description	Remedial Action Required	Ongoing Management & Method / Regulation
Asbestos Non-Friable	Level 4 Corridors	Black Tar on Ducting Confirmed by Laboratory Analysis (2012)	No	In Place management or Removal as required prior to maintenance/renovations/ construction/demolition activities in accordance with O. Reg. 278/05
	Level 0 WB.300-C2	9"x9" Grey with White Streak Vinyl Floor Tiles Confirmed by Laboratory Analysis (2012)	No	
	Level 1 W180, W182, W184, W186 Level 2 Throughout Block A	9"x9" Grey with White/Brown Vinyl Floor Tiles Confirmed by Laboratory Analysis (2012)	No	
	Level 3 W3-222, W3-216	9"x9" Blue with Pink Fleck Vinyl Floor Tiles Confirmed by Laboratory Analysis (2012)	No	
	Level 5 Throughout Core Lab Area	9"x9" Grey with White Fleck Vinyl Floor Tiles Confirmed by Laboratory Analysis (2012)	No	
	Throughout	Large Square Beige Vinyl Sheet Flooring Confirmed by Laboratory Analysis (2012) (Friable leveling compound is suspected present beneath flooring)	No	
	Throughout	Dark Beige Vinyl Sheet Flooring Confirmed by Laboratory Analysis (2012) (Friable leveling compound is suspected present beneath flooring)	No	
	Throughout	Beige/Gold Vinyl Sheet Flooring Confirmed by Laboratory Analysis (2012) (Friable leveling compound is suspected present beneath flooring)	No	

TABLE 1: SUMMARY OF IDENTIFIED ACM FOR STRATFORD GENERAL HOSPITAL

Material	Location	Material Description	Remedial Action Required	Ongoing Management & Method / Regulation
Asbestos Non-Friable	Throughout	Beige Pebble Vinyl Sheet Flooring and associated friable leveling compound Confirmed by Laboratory Analysis (2016)	No	In Place management or Removal as required prior to maintenance/renovations/ construction/demolition activities in accordance with O. Reg. 278/05
	Level 4 W4.340-C1, W4.340-C2, W4.340-C3, W4-330A, W4-330B, W442	Dark Grey Cobble Vinyl Sheet Flooring Confirmed by Laboratory Analysis (2012) (Friable leveling compound is suspected present beneath flooring)	No	
	Level 4 W488	White Pebble Vinyl Sheet Flooring Confirmed by Laboratory Analysis (2016) (Friable leveling compound is suspected present beneath flooring)	No	
	Level 3 W317, W331, W331A Level 4 W487	Yellow Pebble Vinyl Sheet Flooring Confirmed by Laboratory Analysis (2016) (Friable leveling compound is suspected present beneath flooring)	No	
	Level 4 W485	Blue Vinyl Sheet Flooring Confirmed by Laboratory Analysis (2016) (Friable leveling compound is suspected present beneath flooring)	No	
Suspect Asbestos Friable	Throughout	Air Cell Pipe Insulation on Pipe Systems	No	In place management as ACM or Sample prior to maintenance/renovations/ construction/demolition activities and if confirmed ACM, removal in accordance with O. Reg. 278/05
Suspect Asbestos Non-Friable	Level 3 W333	Orange Pebble Vinyl Sheet Flooring	No	
	Level 3 W334, W335	Brown Pebble Vinyl Sheet Flooring	No	

TABLE 1: SUMMARY OF IDENTIFIED ACM FOR STRATFORD GENERAL HOSPITAL

Material	Location	Material Description	Remedial Action Required	Ongoing Management & Method / Regulation
Suspect Asbestos Non-Friable	Level 4 W4.340-C1, W450, W448	Black with Green Stripe Vinyl Sheet Flooring	No	In place management as ACM or Sample prior to maintenance/renovations/ construction/demolition activities and if confirmed ACM, removal in accordance with O. Reg. 278/05
	Throughout	Plaster Walls and Ceilings	No	
	Throughout	Floor Tile Mastic and Leveling Compounds	No	
	Exterior	Roofing Materials (Paper/Felts/Mastics/Sealants) on Low Slope Roof	No	
	Throughout	Exterior/Interior Sealants in Windows/Doors	No	
Potentially Concealed Asbestos	Interior of Doors	Door Core Insulation	-	Invasive sampling prior to maintenance/renovations/ construction/demolition activities, if sampling confirms as ACM, removal in accordance with O. Reg. 278/05
	Interior of Boiler	Boiler Refractory	-	
	Concealed in Wall Cavities/ Ceiling Spaces	Vermiculite Loose-Fill Insulation	-	
Special Services Unit				
Asbestos Friable	Throughout on Pipe Systems	8 Pipe Fittings Visually Confirmed	No	In Place management or Removal as required prior to maintenance/renovations/ construction/demolition activities in accordance with O. Reg. 278/05
Suspect Asbestos Non-Friable	Throughout	Beige Cobble Vinyl Sheet Flooring	No	In place management as ACM or Sample prior to maintenance/renovations/ construction/demolition activities and if confirmed ACM, removal in accordance with O. Reg. 278/05
	Throughout	Floor Tile Mastic and Leveling Compounds	No	

TABLE 1: SUMMARY OF IDENTIFIED ACM FOR STRATFORD GENERAL HOSPITAL

Material	Location	Material Description	Remedial Action Required	Ongoing Management & Method / Regulation
Suspect Asbestos Non-Friable	Exterior	Roofing Materials Paper/Felts/Mastics/Sealants) on Low Slope Roof	No	In place management as ACM or Sample prior to maintenance/renovations/ construction/demolition activities and if confirmed ACM, removal in accordance with O. Reg. 278/05
	Throughout	Exterior/Interior Sealants in Windows/Doors	No	
Potentially Concealed Asbestos	Interior of Doors	Door Core Insulation	-	Invasive sampling prior to maintenance/renovations/ construction/demolition activities, if sampling confirms as ACM, removal in accordance with O. Reg. 278/05
	Concealed in Wall Cavities/ Ceiling Spaces	Vermiculite Loose-Fill Insulation	-	
	Concealed in Wall Cavities/ Ceiling Spaces	Jacketing on electrical wiring	-	

TABLE 2: BULK ASBESTOS SAMPLE LOCATIONS AND ANALYTICAL SUMMARY

Sample #	Room/ Location	Material	Asbestos Results (Type %)	ACM	Status
Avoncrest – 2007 Asbestos Audit					
S01C	Laundry and Power Plant	Tan ceiling plaster	1.3% Chrysotile	Yes	Present in 2016
S02A	Laundry and Power Plant	Parging over insulation	40% Chrysotile	Yes	Present in 2016
S03A	Laundry and Power Plant	Parging on header of boiler 2	Trace% Chrysotile	No	-
S04A	Laundry and Power Plant	Boiler breeching	50% Chrysotile	Yes	Present in 2016
S05A	Laundry and Power Plant	Insulation on hot water tank	60% Chrysotile	Yes	Present in 2016
S06A	Laundry and Power Plant	Sweatwrap on boiler 2	ND	No	-
S06B	Laundry and Power Plant	Sweatwrap on boiler 2	ND	No	-
S06C	Laundry and Power Plant	Sweatwrap on boiler 2	ND	No	-
S07	Laundry and Power Plant	Pipe insulation on low pressure steam pipe	ND	No	-
S08A	Laundry and Power Plant	Parging on city water valve	ND	No	-
S08B	Laundry and Power Plant	Parging on city water valve	ND	No	-
S08C	Laundry and Power Plant	Parging on city water valve	ND	No	-
S09	Laundry and Power Plant	Mag block pipe insulation on steam pipe	20% Chrysotile 20% Amosite	Yes	Present in 2016
S10A	Laundry and Power Plant	Aircell pipe insulation on cold water pipe	50% Chrysotile	Yes	Present in 2016
S11A	Laundry and Power Plant	Sweatwrap on cold water pipe	ND	No	-
S11B	Laundry and Power Plant	Sweatwrap on cold water pipe	ND	No	-
S11C	Laundry and Power Plant	Sweatwrap on cold water pipe	ND	No	-
S12	Room 030	White wall plaster	ND	No	-
S13	Room 030	White wall plaster	ND	No	-
S14	Room 035	CPOSITE pipe insulation on hot water pipe	90% Amosite	Yes	Present in 2016
S15	Stairwell No. 2	White wall plaster	ND	No	-
S16	Corridor	White wall plaster	ND	No	-
S18A	Room 024	Tan wall texture coat	10% Chrysotile	Yes	Present in 2016
S19	Corridor	White wall plaster	ND	No	-
S20A	North wing lobby	White vinyl sheet flooring	ND	No	-

TABLE 2: BULK ASBESTOS SAMPLE LOCATIONS AND ANALYTICAL SUMMARY

Sample #	Room/ Location	Material	Asbestos Results (Type %)	ACM	Status
S20B	North wing lobby	White vinyl sheet flooring	ND	No	-
S20C	North wing lobby	White vinyl sheet flooring	ND	No	-
S21A	West wing Room 117	Grey cobblestone vinyl sheet flooring	ND	No	-
S21B	West wing Room 117	Grey cobblestone vinyl sheet flooring	ND	No	-
S21C	West wing Room 117	Grey cobblestone vinyl sheet flooring	ND	No	-
Avoncrest – 2012 Designated Substance Audit					
S14A	Basement	9" x 9" Floor Tile - Beige with Rust Fleck	VFT: 3.8% Chrysotile Mastic: ND	Yes No	Present in 2016 -
S14B	Basement	9" x 9" Floor Tile - Beige with Rust Fleck	VFT: NA Mastic: ND	Yes No	Present in 2016 -
S14C	Basement	9" x 9" Floor Tile - Beige with Rust Fleck	VFT: NA Mastic: ND	Yes No	Present in 2016 -
S15A	Basement	Black flooring	ND	No	-
S15B	Basement	Black flooring	ND	No	-
S15C	Basement	Black flooring	ND	No	-
S16A	Basement Centre Corridor	9" x 9" Floor Tile - Grey with White Fleck	VFT: 1.2% Chrysotile	Yes	Present in 2016
S16B	Basement Centre Corridor	9" x 9" Floor Tile - Grey with White Fleck	VFT: NA	Yes	Present in 2016
S16C	Basement Centre Corridor	9" x 9" Floor Tile - Grey with White Fleck	VFT: NA	Yes	Present in 2016
S17A	Power Plant Office	Gold Pebble Vinyl Sheet Flooring	VSF: ND	No	-
S17B	Power Plant Office	Gold Pebble Vinyl Sheet Flooring	VSF: ND	No	-
S17C	Power Plant Office	Gold Pebble Vinyl Sheet Flooring	VSF: ND	No	-
S18A	Level 1 Corridor	12" x 12" Floor Tile - White with Green Fleck	VFT: 1.3% Chrysotile Mastic: ND	Yes No	Present in 2016 -
S18B	Level 1 Corridor	12" x 12" Floor Tile - White with Green Fleck	VFT: NA	Yes	Present in 2016
S18C	Level 1 Corridor	12" x 12" Floor Tile - White with Green Fleck	VFT: NA Mastic: ND	Yes No	Present in 2016 -
S19A	Level 1 Corridor	12" x 12" Floor Tile - Green with White Fleck	VFT: 1.4% Chrysotile Mastic: ND	Yes No	Present in 2016 -
S19B	Level 1 Corridor	12" x 12" Floor Tile - Green with White Fleck	VFT: NA Mastic: ND	Yes No	Present in 2016 -
S19C	Level 1 Corridor	12" x 12" Floor Tile - Green with White Fleck	VFT: NA	Yes	Present in 2016
S20A	Basement	Plaster	White: ND Tan: ND	No No	- -
S20B	Basement	Plaster	White: ND Tan: ND	No No	- -

TABLE 2: BULK ASBESTOS SAMPLE LOCATIONS AND ANALYTICAL SUMMARY

Sample #	Room/ Location	Material	Asbestos Results (Type %)	ACM	Status
S20C	1 st Floor	Plaster	White: ND Tan: ND	No No	- -
S20D	1 st Floor	Plaster	White: ND	No	-
S20E	2 nd Floor	Plaster	White: ND Tan: ND	No No	- -
S20F	2 nd Floor	Plaster	White: ND Tan: ND	No No	- -
S20G	2 nd Floor	Plaster	White: ND Tan: ND	No No	- -
S21A	221	9" x 9" Floor Tile - Grey with White Fleck	VFT: 0.75% Chrysotile	Yes	Present in 2016
S21B	221	9" x 9" Floor Tile - Grey with White Fleck	VFT: NA	Yes	Present in 2016
S21C	221	9" x 9" Floor Tile - Grey with White Fleck	VFT: NA	Yes	Present in 2016
S22A	3 rd Floor Corridor	12" x 12" Floor Tile - Green	VFT: 2.2% Chrysotile	Yes	Present in 2016
S22B	3 rd Floor Corridor	12" x 12" Floor Tile - Green	VFT: NA	Yes	Present in 2016
S22C	3 rd Floor Corridor	12" x 12" Floor Tile - Green	VFT: NA	Yes	Present in 2016
S23A	3 rd Floor Corridor	12" x 12" Floor Tile - White Multi-Colour Fleck	VFT: 1.4% Chrysotile Mastic: ND	Yes No	Present in 2016 -
S23B	3 rd Floor Corridor	12" x 12" Floor Tile - White Multi-Colour Fleck	VFT: NA	Yes	Present in 2016
S23C	3 rd Floor Corridor	12" x 12" Floor Tile - White Multi-Colour Fleck	VFT: NA	Yes	Present in 2016
S24A	338	Beige Vinyl Sheet Flooring	VSF: 25% Chrysotile	Yes	Present in 2016
S24B	338	Beige Vinyl Sheet Flooring	VSF: NA	Yes	Present in 2016
S24C	338	Beige Vinyl Sheet Flooring	VSF: NA	Yes	Present in 2016
S25A	338	Brown Vinyl Sheet Flooring	VSF: 25% Chrysotile	Yes	Present in 2016
S25B	338	Brown Vinyl Sheet Flooring	VSF: NA	Yes	Present in 2016
S25C	338	Brown Vinyl Sheet Flooring	VSF: NA	Yes	Present in 2016
S26A	308	9" x 9" Floor Tile - Red with White Fleck	VFT: 2.3% Chrysotile Mastic: ND	Yes No	Present in 2016 -
S26B	308	9" x 9" Floor Tile - Red with White Fleck	VFT: NA Mastic: ND	Yes No	Present in 2016 -
S26C	308	9" x 9" Floor Tile - Red with White Fleck	VFT: NA Mastic: ND	Yes No	Present in 2016 -
Avoncrest – 2016 Asbestos Audit Update (May 13, 2016)					
S01A	Power Plant Basement	Magblock on Piping	ND	No	-

TABLE 2: BULK ASBESTOS SAMPLE LOCATIONS AND ANALYTICAL SUMMARY

Sample #	Room/ Location	Material	Asbestos Results (Type %)	ACM	Status
S01B	Power Plant Basement	Magblock on Piping	ND	No	-
S01C	Power Plant Basement	Magblock on Piping	ND	No	-
S02A	Power Plant Basement	Magblock on Ducting/Boilers	65% Chrysotile	Yes	Present in 2016
S02B	Power Plant Basement	Magblock on Ducting/Boilers	NA	Yes	Present in 2016
S02C	Power Plant Basement	Magblock on Ducting/Boilers	NA	Yes	Present in 2016
Avoncrest – 2016 Asbestos Audit Update (July 8, 2016)					
S08A	2 nd Floor Elevator Storage	9" x 9" Floor Tile – Blue with White Streak	VFT: 2.18% Chrysotile	Yes	Present in 2016
S08B	2 nd Floor Elevator Storage	9" x 9" Floor Tile – Blue with White Streak	VFT: NA	Yes	Present in 2016
S08C	2 nd Floor Elevator Storage	9" x 9" Floor Tile – Blue with White Streak	VFT: NA	Yes	Present in 2016
S09A	348	9" x 9" Floor Tile – Dark Grey with White/Red Streak	VFT: 2.18% Chrysotile Mastic: < MDL Chrysotile	Yes No	Present in 2016 -
S09B	348	9" x 9" Floor Tile – Dark Grey with White/Red Streak	VFT: NA	Yes	Present in 2016
S09C	348	9" x 9" Floor Tile – Dark Grey with White/Red Streak	VFT: NA	Yes	Present in 2016
S10A	353	Red Pebble Vinyl Sheet Flooring	VSF: 20% Chrysotile	Yes	Present in 2016
S10B	353	Red Pebble Vinyl Sheet Flooring	VSF: NA	Yes	Present in 2016
S10C	353	Red Pebble Vinyl Sheet Flooring	VSF: NA	Yes	Present in 2016
Centennial Apartments – 2007 Asbestos Audit					
S01-SGH-CA-COR1-CT	1 st Floor Corridor	1'x1' Ceiling tile	ND	No	-
S01-CA-1F-CT	1 st Floor Corridor	1'x1' Ceiling tile	ND	No	-
S02-CA-1F-CT	1 st Floor Corridor	1'x1' Ceiling tile	ND	No	-
Centennial Apartments – 2012 Designated Substance Audit					
S41A	1 st Floor Corridor	12" x 12" Floor Tile - White with Black Fleck	VFT: 2.4% Chrysotile	Yes	Present in 2016
S41B	1 st Floor Corridor	12" x 12" Floor Tile - White with Black Fleck	VFT: NA	Yes	Present in 2016
S41C	1 st Floor Corridor	12" x 12" Floor Tile - White with Black Fleck	VFT: NA	Yes	Present in 2016
S42A	1 st Floor Corridor	Plaster	White: ND Grey: ND	No No	- -

TABLE 2: BULK ASBESTOS SAMPLE LOCATIONS AND ANALYTICAL SUMMARY

Sample #	Room/ Location	Material	Asbestos Results (Type %)	ACM	Status
S42B	1 st Floor Corridor	Plaster	White: ND Grey: ND	No No	- -
S42C	Boiler Room	Plaster	White: ND Grey: ND	No No	- -
S42D	Boiler Room	Plaster	White: ND Grey: ND	No No	- -
S42E	2 nd Floor Corridor	Plaster	White: ND Grey: ND	No No	- -
S42F	2 nd Floor Corridor	Plaster	White: ND Grey: ND	No No	- -
S42G	2 nd Floor Corridor	Plaster	White: ND Grey: ND	No No	- -
S43A	Laundry	Beige Vinyl Sheet Flooring	VSF: ND Mastic: ND	No No	- -
S43B	Laundry	Beige Vinyl Sheet Flooring	VSF: ND Mastic: ND	No No	- -
S43C	Laundry	Beige Vinyl Sheet Flooring	VSF: ND Mastic: ND	No No	- -
Centennial Apartments – 2016 Asbestos Audit Update (July 8, 2016)					
S11A	Unit 2	12" x 12" Floor Tile – Tan with Brown Streak	VFT: 0.79% Chrysotile	Yes	Present in 2016
S11B	Unit 2	12" x 12" Floor Tile – Tan with Brown Streak	VFT: NA	Yes	Present in 2016
S11C	Unit 2	12" x 12" Floor Tile – Tan with Brown Streak	VFT: NA	Yes	Present in 2016
Conestoga College – 2007 Asbestos Audit					
S03-SGH-CC-CORA-FT	Administration Corridor	12" x 12" Tan floor tile	ND	No	-
S04-SGH-CC-TC	Foyer and lounge	White ceiling texture coat	1.3% Chrysotile	Yes	Present in 2016
S10-SGH-CC-34-CT	Basement Corridor	2' x 4' Long fissure shallow pinhole ceiling tile	3.7% Amosite	Yes	Present in 2016
Residence – 2007 Asbestos Audit					
S12-Res.	Corridor (outside washroom)	Drywall joint compound - wall	1.3% Chrysotile	Yes	Present in 2016
S13-Res.	Room 154	1' x 1' Long fissure random pinhole ceiling tile	ND	No	-
S14-Res.	Corridor	2' x 4' Long fissure pinhole ceiling tile	ND	No	-
S15-Res.	Room 154	Drywall joint compound	2% Chrysotile	Yes	Present in 2016
S16-Res.	Corridor	2' x 4' Long fissure pinhole ceiling tile	ND	No	-
S17-Res.	Corridor (outside Room 112)	Drywall joint compound -fire stop above ceiling	ND	No	-
S18-Res.	Corridor (outside Room 112)	Drywall joint compound -fire stop above ceiling	ND	No	-
S19-Res.	Corridor	2' x 4' Random pinhole ceiling tile	ND	No	-

TABLE 2: BULK ASBESTOS SAMPLE LOCATIONS AND ANALYTICAL SUMMARY

Sample #	Room/ Location	Material	Asbestos Results (Type %)	ACM	Status
S07a-CR-CT	Corridor	2' x 4' Short fissure random pinhole ceiling tile	ND	No	-
S07b-CR-CT	Corridor	Drywall joint compound -fire stop above ceiling	ND	No	-
S07c-CR-CT	Corridor	Drywall joint compound -fire stop above ceiling	ND	No	-
S08a-CR-CT	Corridor	2' x 4' Long and small fissure random pinhole ceiling tile	ND	No	-
S08b-CR-CT	Corridor	2' x 4' Long and small fissure random pinhole ceiling tile	ND	No	-
S08c-CR-CT	Corridor	2' x 4' Long and small fissure random pinhole ceiling tile	ND	No	-
S09a-CR-CT	Corridor	2' x 4' Long fissure shallow pinhole ceiling tile	ND	No	-
S09b-CR-CT	Corridor	2' x 4' Long fissure shallow pinhole ceiling tile	ND	No	-
S09c-CR-CT	Corridor	2' x 4' Long fissure shallow pinhole ceiling tile	ND	No	-
Conestoga College & Residence – 2012 Designated Substance Audit					
S01A	B4/B5	12" x 12" Floor Tile - White with Grey Fleck	VFT: 0.5% Chrysotile	Yes	Present in 2016
S01B	B4/B5	12" x 12" Floor Tile - White with Grey Fleck	VFT: NA	Yes	Present in 2016
S01C	B4/B5	12" x 12" Floor Tile - White with Grey Fleck	VFT: NA	Yes	Present in 2016
S02A	B2	12" x 12" Floor Tile - Beige Dense Fleck	VFT: ND Mastic: ND	No No	- -
S02B	B2	12" x 12" Floor Tile - Beige Dense Fleck	VFT: ND Mastic: ND	No No	- -
S02C	B2	12" x 12" Floor Tile - Beige Dense Fleck	VFT: ND	No	-
S03A	Room 190	12" x 12" Floor Tile - Green with White Fleck	VFT: Trace	No	-
S03B	Room 190	12" x 12" Floor Tile - Green with White Fleck	VFT: Trace	No	-
S03C	Room 190	12" x 12" Floor Tile - Green with White Fleck	VFT: Trace Mastic: ND	No No	- -
S04A	1st Lounge	Gold Pebble Vinyl Sheet Flooring	VSF: 20% Chrysotile	Yes	Present in 2016
S04B	1st Lounge	Gold Pebble Vinyl Sheet Flooring	VSF: NA	Yes	Present in 2016
S04C	1st Lounge	Gold Pebble Vinyl Sheet Flooring	VSF: NA	Yes	Present in 2016
S05A	1st Lounge	Cellulose 1'x1' Mastic	CT: ND Mastic: ND	No No	- -
S05B	1st Lounge	Cellulose 1'x1' Mastic	CT: ND Mastic: ND	No No	- -
S05C	1st Lounge	Cellulose 1'x1' Mastic	CT: ND Mastic: ND	No No	- -
S06A	1st Lobby	Grey Pebble Vinyl Sheet Flooring	VSF: ND Tan Mastic: ND	No No	- -

TABLE 2: BULK ASBESTOS SAMPLE LOCATIONS AND ANALYTICAL SUMMARY

Sample #	Room/ Location	Material	Asbestos Results (Type %)	ACM	Status
S06B	1st Lobby	Grey Pebble Vinyl Sheet Flooring	VSF: ND Tan Mastic: ND White Sealant: ND	No No No	- - -
S06C	1st Lobby	Grey Pebble Vinyl Sheet Flooring	VSF: ND Tan Mastic: ND White Sealant: ND	No No No	- - -
S07A	2nd Corridor	12" x 12" Floor Tile - Pink Dense Fleck	VFT: ND	No	-
S07B	2nd Corridor	12" x 12" Floor Tile - Pink Dense Fleck	VFT: ND Mastic: ND	No No	- -
S07C	2nd Corridor	12" x 12" Floor Tile - Pink Dense Fleck	VFT: ND Mastic: ND	No No	- -
S08A	2nd Laundry	12" x 12" Floor Tile - Fortress	VFT: ND	No	-
S08B	2nd Laundry	12" x 12" Floor Tile - Fortress	VFT: ND Mastic: ND	No No	- -
S08C	2nd Laundry	12" x 12" Floor Tile - Fortress	VFT: ND	No	-
S09A	2nd Lounge	Brown Pebble Vinyl Sheet Flooring	VSF: 20% Chrysotile	Yes	Present in 2016
S09B	2nd Lounge	Brown Pebble Vinyl Sheet Flooring	VSF: NA	Yes	Present in 2016
S09C	2nd Lounge	Brown Pebble Vinyl Sheet Flooring	VSF: NA	Yes	Present in 2016
S10A	Computer Room	12" x 12" Floor Tile - White with Grey Fleck	VFT: ND Mastic: ND	No No	- -
S10B	Computer Room	12" x 12" Floor Tile - White with Grey Fleck	VFT: ND	No	-
S10C	Computer Room	12" x 12" Floor Tile - White with Grey Fleck	VFT: ND	No	-
S11A	Computer Room	2'x4' Long Fissure Shallow Pinhole	ND	No	-
S11B	Computer Room	2'x4' Long Fissure Shallow Pinhole	ND	No	-
S11C	Computer Room	2'x4' Long Fissure Shallow Pinhole	ND	No	-
S12A	1st Residence	Drywall Joint Compound	DWJC: 1.4% Chrysotile Plaster: ND	Yes No	Present in 2016 -
S12B	1st Residence	Drywall Joint Compound	DWJC: NA	Yes	Present in 2016
S12C	1st Residence	Drywall Joint Compound	DWJC: NA Mastic: ND	Yes No	Present in 2016 -
S12D	1st Residence	Drywall Joint Compound	DWJC: NA	Yes	Present in 2016
S12E	1st Residence	Drywall Joint Compound	DWJC: NA	Yes	Present in 2016
S12F	1st Residence	Drywall Joint Compound	DWJC: NA	Yes	Present in 2016
S12G	1st Residence	Drywall Joint Compound	DWJC: NA	Yes	Present in 2016

TABLE 2: BULK ASBESTOS SAMPLE LOCATIONS AND ANALYTICAL SUMMARY

Sample #	Room/ Location	Material	Asbestos Results (Type %)	ACM	Status
Conestoga College – 2016 Asbestos Audit Update (May 13, 2016)					
S09A	Room 45	12"x12" Beige with Brown/White Streak Vinyl Floor Tiles	VFT: 0.74% Chrysotile	Yes	Present in 2016
S09B	Room 45	12"x12" Beige with Brown/White Streak Vinyl Floor Tiles	VFT: NA	Yes	Present in 2016
S09C	Room 45	12"x12" Beige with Brown/White Streak Vinyl Floor Tiles	VFT: NA	Yes	Present in 2016
S10A	Corridor Outside Room 10	12"x12" Beige with Grey Streak Vinyl Floor Tiles	VFT: 0.76% Chrysotile	Yes	Present in 2016
S10B	Corridor Outside Room 10	12"x12" Beige with Grey Streak Vinyl Floor Tiles	VFT: NA	Yes	Present in 2016
S10C	Corridor Outside Room 10	12"x12" Beige with Grey Streak Vinyl Floor Tiles	VFT: NA	Yes	Present in 2016
S11A	Room 11	1'x1' Long Fissure Ceiling Tile	CT: ND	No	-
S11B	Room 11	1'x1' Long Fissure Ceiling Tile	CT: ND	No	-
S11C	Room 11	1'x1' Long Fissure Ceiling Tile	CT: ND	No	-
Residence – 2016 Asbestos Audit Update (May 13, 2016)					
S12A	First Floor - Laundry	12"x12" Yellow with White Streak Vinyl Floor Tiles	VFT: 0.76% Chrysotile Mastic: ND	Yes No	Present in 2016 -
S12B	First Floor - Laundry	12"x12" Yellow with White Streak Vinyl Floor Tiles	VFT: NA	Yes	Present in 2016
S12C	First Floor - Laundry	12"x12" Yellow with White Streak Vinyl Floor Tiles	VFT: NA	Yes	Present in 2016
West Building – 2007 Asbestos Audit					
S02a-WB-N-B	Basement North Wing	2' x 4' Random pinhole ceiling tile	ND	No	-
S02b-WB-N-B	Basement North Wing	2' x 4' Random pinhole ceiling tile	ND	No	-
S02c-WB-N-B	Basement North Wing	2' x 4' Random pinhole ceiling tile	ND	No	-
S02d-WB-N-B	Basement North Wing	2' x 4' Random pinhole ceiling tile	ND	No	-
S02e-WB-N-B	North Wing Rooms WB26, WB26A, Corridor	2' x 4' Random pinhole ceiling tile	ND	No	-
S03a-WB-N-B	North Wing Room WB18	2' x 4' Random pinhole with wide fissures ceiling tile	ND	No	-
S03b-WB-N-B	North Wing Room WB18	2' x 4' Random pinhole with wide fissures ceiling tile	ND	No	-
S03c-WB-N-B	North Wing Room WB18	2' x 4' Random pinhole with wide fissures ceiling tile	ND	No	-
S04a-WB-N-B	North Wing Room WB18	Pink ceiling texture coat	ND	No	-
S04b-WB-N-B	North Wing Room WB18	Pink ceiling texture coat	ND	No	-
S04c-WB-N-B	North Wing Room WB18	Pink ceiling texture coat	ND	No	-

TABLE 2: BULK ASBESTOS SAMPLE LOCATIONS AND ANALYTICAL SUMMARY

Sample #	Room/ Location	Material	Asbestos Results (Type %)	ACM	Status
S11a-WB-W-B	West Wing Cafeteria	Vinyl sheet flooring	ND	No	-
S11b-WB-W-B	West Wing Cafeteria	Vinyl sheet flooring	ND	No	-
S11c-WB-W-B	West Wing Cafeteria	Vinyl sheet flooring	ND	No	-
S12a-WB-W-B	West Wing Cafeteria	Tar on ducting	ND	No	-
S12b-WB-W-B	West Wing Room WB46	Tar on ducting	ND	No	-
S13a-WB-W-B	Basement West Wing	Duct insulation	ND	No	-
S13b-WB-W-B	Basement West Wing	Parging cement	30% Chrysotile	Yes	Present in 2016
S14a-WB-W-B	West Wing Room WB48	2' x 2' Fissures with fleck pinhole ceiling tile	ND	No	-
S14b-WB-W-B	West Wing Room WB48	2' x 2' Fissures with fleck pinhole ceiling tile	ND	No	-
S14c-WB-W-B	West Wing Room WB48	2' x 2' Fissures with fleck pinhole ceiling tile	ND	No	-
S15a-WB-W-1F	1st Floor West Wing	Beige pebble pattern vinyl sheet flooring	25% Chrysotile	Yes	Present in 2016
S18a-WB-W-1F	1 st Floor West Wing	White with blue fleck vinyl sheet flooring	ND	No	-
S18b-WB-W-1F	1 st Floor West Wing	White with blue fleck vinyl sheet flooring	ND	No	-
S18c-WB-W-1F	1 st Floor West Wing	White with blue fleck vinyl sheet flooring	ND	No	-
S19a-WB-W-1F	1 st Floor West Wing Corridor	2' x 4' Long fissure with pinprick ceiling tile	ND	No	-
S19b-WB-W-1F	1 st Floor West Wing Corridor	2' x 4' Long fissure with pinprick ceiling tile	ND	No	-
S19c-WB-W-1F	1 st Floor West Wing Corridor	2' x 4' Long fissure with pinprick ceiling tile	ND	No	-
S20a-WB-W-1F	1 st Floor West Wing	Pink pebble pattern vinyl sheet flooring	ND	No	-
S20b-WB-W-1F	1 st Floor West Wing	Pink pebble pattern vinyl sheet flooring	ND	No	-
S20c-WB-W-1F	1 st Floor West Wing	Pink pebble pattern vinyl sheet flooring	ND	No	-
S21a-WB-S-2F	2nd Floor South Wing	Brown square pattern vinyl sheet flooring	25% Chrysotile	Yes	Present in 2016
S25a-WB-W-329	Room W329	Tar paper behind plaster wall	ND	No	-
S28a-WB-W-339	Room W339	Green large pebble pattern vinyl sheet flooring	25% Chrysotile	Yes	Present in 2016
West Building – 2012 Designated Substance Audit					
S27A	WB-240	12" x 12" Floor Tile - Blue with White Fleck	VFT: ND Mastic: ND	No No	- -
S27B	WB-240	12" x 12" Floor Tile - Blue with White Fleck	VFT: ND Mastic: ND	No No	- -

TABLE 2: BULK ASBESTOS SAMPLE LOCATIONS AND ANALYTICAL SUMMARY

Sample #	Room/ Location	Material	Asbestos Results (Type %)	ACM	Status
S27C	WB-240	12" x 12" Floor Tile - Blue with White Fleck	VFT: ND Mastic: ND	No No	- -
S28A	WB-302	12" x 12" Floor Tile - Beige with Purple Fleck	VFT: ND Mastic: ND	No No	- -
S28B	WB-302	12" x 12" Floor Tile - Beige with Purple Fleck	VFT: ND Mastic: ND	No No	- -
S28C	WB-302	12" x 12" Floor Tile - Beige with Purple Fleck	VFT: ND Mastic: ND	No No	- -
S29A	W1-371	Firespray	ND	No	-
S29B	W1-371	Firespray	ND	No	-
S29C	W1-371	Firespray	ND	No	-
S30A	W2 - Washroom	9" x 9" Floor Tile – Grey with White/Brown	VFT: 4.2% Chrysotile	Yes	Present in 2016
S30B	W2 - Washroom	9" x 9" Floor Tile – Grey with White/Brown	VFT: NA	Yes	Present in 2016
S30C	W2 - Washroom	9" x 9" Floor Tile – Grey with White/Brown	VFT: NA	Yes	Present in 2016
S31A	W3-222	9" x 9" Floor Tile - Blue with Pink Fleck	VFT: 3.6% Chrysotile	Yes	Present in 2016
S31B	W3-222	9" x 9" Floor Tile - Blue with Pink Fleck	VFT: NA	Yes	Present in 2016
S31C	W3-222	9" x 9" Floor Tile - Blue with Pink Fleck	VFT: NA	Yes	Present in 2016
S32A	WB	Plaster	White: ND Grey: ND	No No	- -
S32B	W5	Plaster	White: ND Grey: ND	No No	- -
S32C	W6	Plaster	White: ND Grey: ND	No No	- -
S32D	W4	Plaster	White: ND Grey: ND	No No	- -
S32E	W6	Plaster	White: ND Grey: ND	No No	- -
S32F	W2	Plaster	White: ND Grey: ND	No No	- -
S32G	W1	Plaster	White: ND Grey: ND	No No	- -
S33A	W5 - Lobby	9" x 9" Floor Tile - Grey with White Fleck	VFT: 3.8% Chrysotile	Yes	Present in 2016
S33B	W5 - Lobby	9" x 9" Floor Tile - Grey with White Fleck	VFT: NA	Yes	Present in 2016
S33C	W5 - Lobby	9" x 9" Floor Tile - Grey with White Fleck	VFT: NA	Yes	Present in 2016
S34A	W4 - Lobby	Large Square Beige Vinyl Sheet Flooring	VSF: 15% Chrysotile	Yes	Present in 2016
S34B	W4 - Lobby	Large Square Beige Vinyl Sheet Flooring	VSF: NA	Yes	Present in 2016
S34C	W4 - Lobby	Large Square Beige Vinyl Sheet Flooring	VSF: NA	Yes	Present in 2016

TABLE 2: BULK ASBESTOS SAMPLE LOCATIONS AND ANALYTICAL SUMMARY

Sample #	Room/ Location	Material	Asbestos Results (Type %)	ACM	Status
S35A	W4 - Lobby	Dark Beige Vinyl Sheet Flooring	VSF: 25% Chrysotile	Yes	Present in 2016
S35B	W4 - Lobby	Dark Beige Vinyl Sheet Flooring	VSF: NA	Yes	Present in 2016
S35C	W4 - Lobby	Dark Beige Vinyl Sheet Flooring	VSF: NA	Yes	Present in 2016
S36A	W4 - 300-C1	Dark Grey Vinyl Sheet Flooring	VSF: 25% Chrysotile	Yes	Present in 2016
S36B	W4 - 300-C1	Dark Grey Vinyl Sheet Flooring	VSF: NA	Yes	Present in 2016
S36C	W4 - 300-C1	Dark Grey Vinyl Sheet Flooring	VSF: NA	Yes	Present in 2016
S37A	W4 - 320	12" x 12" Floor Tile - Black with White Fleck	VFT: ND	No	-
S37B	W4 - 320	12" x 12" Floor Tile - Black with White Fleck	VFT: ND	No	-
S37C	W4 - 320	12" x 12" Floor Tile - Black with White Fleck	VFT: ND	No	-
S38A	W4 - 300-C1	Tar on Ducting	8.0% Chrysotile	Yes	Present in 2016
S38B	W4 - 300-C1	Tar on Ducting	NA	Yes	Present in 2016
S38C	W4 - 300-C1	Tar on Ducting	NA	Yes	Present in 2016
S39A	W4 - 300-C1	Beige/Gold Vinyl Sheet Flooring	VSF: 25% Chrysotile	Yes	Present in 2016
S39B	W4 - 300-C1	Beige/Gold Vinyl Sheet Flooring	VSF: NA	Yes	Present in 2016
S39C	W4 - 300-C1	Beige/Gold Vinyl Sheet Flooring	VSF: NA	Yes	Present in 2016
S40A	W1-437	2' x 2' Ceiling Tile - Patterned Pinhole	ND	No	-
S40B	W1-437	2' x 2' Ceiling Tile - Patterned Pinhole	ND	No	-
S40C	W1-437	2' x 2' Ceiling Tile - Patterned Pinhole	ND	No	-
West Building – 2016 Asbestos Audit Update (May 13, 2016)					
S03A	Level 2 - W285	Beige Cobble Pattern Vinyl Sheet Flooring	VSF: 30% Chrysotile	Yes	Present in 2016
S03B	Level 2 - W285	Beige Cobble Pattern Vinyl Sheet Flooring	VSF: NA	Yes	Present in 2016
S03C	Level 2 - W285	Beige Cobble Pattern Vinyl Sheet Flooring	VSF: NA	Yes	Present in 2016
S04A	Level 2 – W270	Plaster	White: ND Grey: ND	No No	- -
S04B	Level 2 Corridor Outside W283	Plaster	White: ND Grey: ND	No No	- -
S04C	Level 2 Corridor Outside W285	Plaster	White: ND Grey: ND	No No	- -

TABLE 2: BULK ASBESTOS SAMPLE LOCATIONS AND ANALYTICAL SUMMARY

Sample #	Room/ Location	Material	Asbestos Results (Type %)	ACM	Status
S05A	Level 2 – W2S77	Pipe Fitting Insulation	ND	No	-
S05B	Level 2 – W2S77	Pipe Fitting Insulation	ND	No	-
S05C	Level 2 – W2S77	Pipe Fitting Insulation	ND	No	-
S06A	Level 2 Corridor Outside W203	Pink Cobble Pattern Vinyl Sheet Flooring	VSF: ND	No	-
S06B	Level 2 Corridor Outside W203	Pink Cobble Pattern Vinyl Sheet Flooring	VSF: ND	No	-
S06C	Level 2 Corridor Outside W203	Pink Cobble Pattern Vinyl Sheet Flooring	VSF: ND	No	-
S07A	Level 4 – W4-421	Green/Grey Streak Vinyl Sheet Flooring	VSF: ND	No	-
S07B	Level 4 – W4-421	Green/Grey Streak Vinyl Sheet Flooring	VSF: ND	No	-
S07C	Level 4 – W4-421	Green/Grey Streak Vinyl Sheet Flooring	VSF: ND	No	-
S08A	Level 1 – W1548	Light Beige Small Dot Vinyl Sheet Flooring	VSF: ND LC: ND	No No	- -
S08B	Level 1 – W1548	Light Beige Small Dot Vinyl Sheet Flooring	VSF: ND LC: ND	No No	- -
S08C	Level 1 – W1548	Light Beige Small Dot Vinyl Sheet Flooring	VSF: ND LC: ND	No No	- -
West Building – 2016 Asbestos Audit Update (July 8, 2016)					
S01A	Level 1 – W176	9" x 9" Floor Tile – Black with White Fleck	VSF: ND	No	-
S01B	Level 1 – W176	9" x 9" Floor Tile – Black with White Fleck	VSF: ND	No	-
S01C	Level 1 – W176	9" x 9" Floor Tile – Black with White Fleck	VSF: ND	No	-
S02A	Level 2 – W2-406A Pipe Shaft	Cardboard/Paper Insulation	ND	No	-
S02B	Level 2 – W2-406A Pipe Shaft	Cardboard/Paper Insulation	ND	No	-
S02C	Level 2 – W2-406A Pipe Shaft	Cardboard/Paper Insulation	ND	No	-
S03A	Level 1 – W183A	Beige Pebble Pattern Vinyl Sheet Flooring – Leveling Compound	15% Chrysotile	Yes	Present in 2016
S03B	Level 1 – W183A	Beige Pebble Pattern Vinyl Sheet Flooring – Leveling Compound	NA	Yes	Present in 2016
S03C	Level 1 – W183A	Beige Pebble Pattern Vinyl Sheet Flooring – Leveling Compound	NA	Yes	Present in 2016
S04A	Level 4 – W488	White Pebble Vinyl Sheet Flooring	VSF: 20% Chrysotile	Yes	Present in 2016
S04B	Level 4 – W488	White Pebble Vinyl Sheet Flooring	VSF: NA	Yes	Present in 2016
S04C	Level 4 – W488	White Pebble Vinyl Sheet Flooring	VSF: NA	Yes	Present in 2016
S05A	Level 4 – W487	Yellow Pebble Vinyl Sheet Flooring	VSF: 15% Chrysotile	Yes	Present in 2016

TABLE 2: BULK ASBESTOS SAMPLE LOCATIONS AND ANALYTICAL SUMMARY

Sample #	Room/ Location	Material	Asbestos Results (Type %)	ACM	Status
S05B	Level 4 – W487	Yellow Pebble Vinyl Sheet Flooring	VSF: NA	Yes	Present in 2016
S05C	Level 4 – W487	Yellow Pebble Vinyl Sheet Flooring	VSF: NA	Yes	Present in 2016
S06A	Level 4 – W485	Blue Vinyl Sheet Flooring	VSF: 0.7% Chrysotile	Yes	Present in 2016
S06B	Level 4 – W485	Blue Vinyl Sheet Flooring	VSF: NA	Yes	Present in 2016
S06C	Level 4 – W485	Blue Vinyl Sheet Flooring	VSF: NA	Yes	Present in 2016
S07A	Level 4 – W447	Small Beige Pebble Vinyl Sheet Flooring	ND	No	-
S07B	Level 4 – W447	Small Beige Pebble Vinyl Sheet Flooring	ND	No	-
S07C	Level 4 – W447	Small Beige Pebble Vinyl Sheet Flooring	ND	No	-
Special Services Unit – 2007 Asbestos Audit					
S01-SGH-SS-CORE-TC	1 st Floor Corridor E	Grey wall texture coat	ND	No	-
S02-SGH-SS-CORE-TC	1 st Floor Corridor E	Grey wall texture coat	ND	No	-
S03-SGH-SS-CORE-TC	1 st Floor Corridor E	Grey wall texture coat	ND	No	-
S04-SGH-SS-MT-TC	1 st Floor Main Entrance	White ceiling texture coat	ND	No	-
S05-SGH-SS-MT-TC	1 st Floor Main Entrance	White ceiling texture coat	ND	No	-
S06-SGH-SS-MT-TC	1 st Floor Main Entrance	White ceiling texture coat	ND	No	-
S07-SGH-108-CT	1 st Floor	2' x 4' Long fissure pinhole ceiling tile	ND	No	-
S08-SGH-CORB-CT	Basement Corridor	2' x 4' Long fissure pinhole ceiling tile	ND	No	-
S09-SGH-SS-ST-A-TC	Stairwell	White wall texture coat	Trace% Chrysotile	No	-
S10-SGH-SS-ST-A-TC	Stairwell	White wall texture coat	ND	No	-
S11-SGH-SS-ST-A-TC	Stairwell	Tan wall texture coat	ND	No	-
S12-SGH-SS-COR3-TC	3 rd Floor Corridor	Grey wall and ceiling texture coat	ND	No	-
S13-SGH-SS-COR3-TC	3 rd Floor Corridor	Off-White wall and ceiling texture coat	ND	No	-
S14-SGH-SS-COR3-TC	3 rd Floor Corridor	Off-White wall and ceiling texture coat	ND	No	-
S03a-SS-CR-CT	Basement Common Room	2' x 4' Short fissure random pinhole ceiling tile	ND	No	-
S03b-SS-CR-CT	Basement Common Room	2' x 4' Short fissure random pinhole ceiling tile	ND	No	-
S03c-SS-CR-CT	Basement Common Room	2' x 4' Short fissure random pinhole ceiling tile	ND	No	-

TABLE 2: BULK ASBESTOS SAMPLE LOCATIONS AND ANALYTICAL SUMMARY

Sample #	Room/ Location	Material	Asbestos Results (Type %)	ACM	Status
S04a-SS- CR-CT	Basement Common Room	2' x 4' Long fissure random pinhole (older) ceiling tile	ND	No	-
S04b-SS- CR-CT	Basement Common Room	2' x 4' Long fissure random pinhole (older) ceiling tile	ND	No	-
S04c-SS- CR-CT	Basement Common Room	2' x 4' Long fissure random pinhole (older) ceiling tile	ND	No	-
S05a-SS- CR-CT	Basement Common Room	2' x 4' Long fissure random pinhole ceiling tile	ND	No	-
S05b-SS- CR-CT	Basement Common Room	2' x 4' Long fissure random pinhole ceiling tile	ND	No	-
S05c-SS- CR-CT	Basement Common Room	2' x 4' Long fissure random pinhole ceiling tile	ND	No	-
S06-SS- CR-CT	Basement Corridor	2' x 4' Random pinhole ceiling tile	ND	No	-

Note:

ND: No asbestos fibres detected

NA: Sample not analyzed



FIGURES & PHOTOGRAPHIC LOG

**Photographic Log for Stratford General Hospital
46 General Hospital Drive, Stratford, ON**



Photograph No. 1 – Avoncrest (Power Plant)
Two Damaged Pipe Fittings



Photograph No. 2 – Avoncrest (Basement Corridor)
One Damaged Pipe Fitting



Photograph No. 3 – Avoncrest (Room 037B)
One Damaged Pipe Fitting



Photograph No. 4 – Avoncrest (Second Floor North Corridor)
One Damaged Pipe Fitting



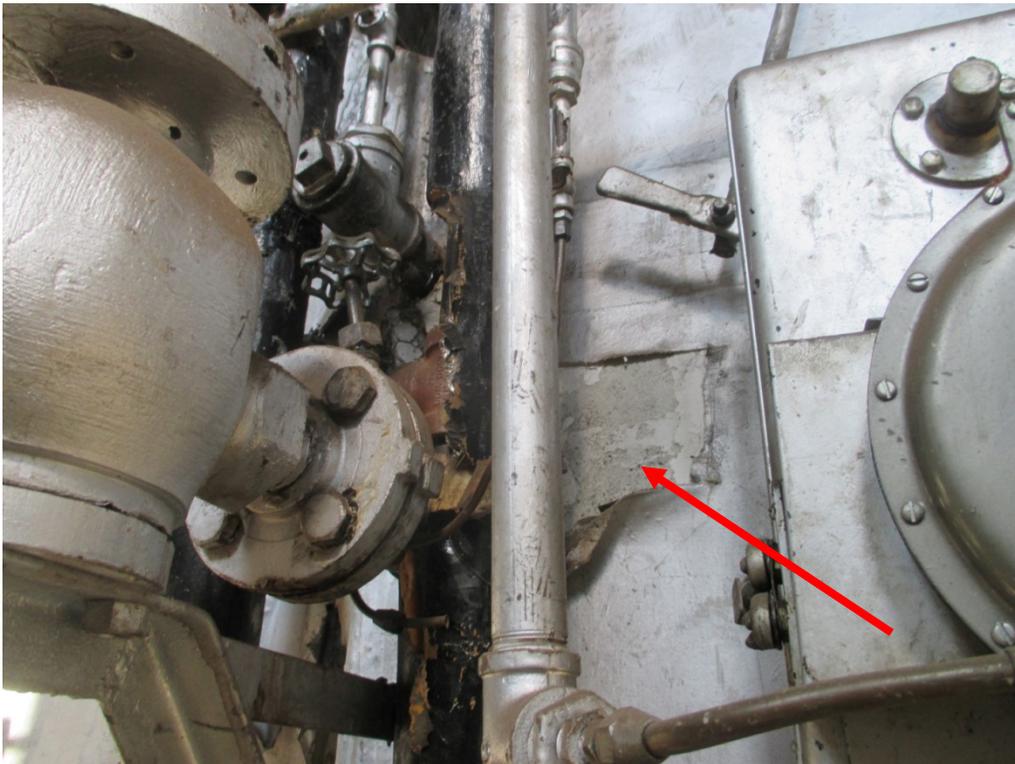
Photograph No. 5 – Avoncrest (Laundry)
Damaged Mag Block Insulation on Ceiling Mounted Heaters



Photograph No. 6 – Avoncrest (Laundry)
Damaged Mag Block Insulation on Ceiling Mounted Heaters



Photograph No. 7 – Avoncrest (Laundry)
Damaged Mag Block Insulation on Ceiling Mounted Heaters



Photograph No. 8 – Avoncrest (Power Plant)
Damaged Mag Block Insulation on Boilers



Photograph No. 9 – Avoncrest (Power Plant)
Damaged Mag Block Insulation on Boiler



Photograph No. 10 – Avoncrest (Power Plant)
Damaged Mag Block Insulation on Boiler

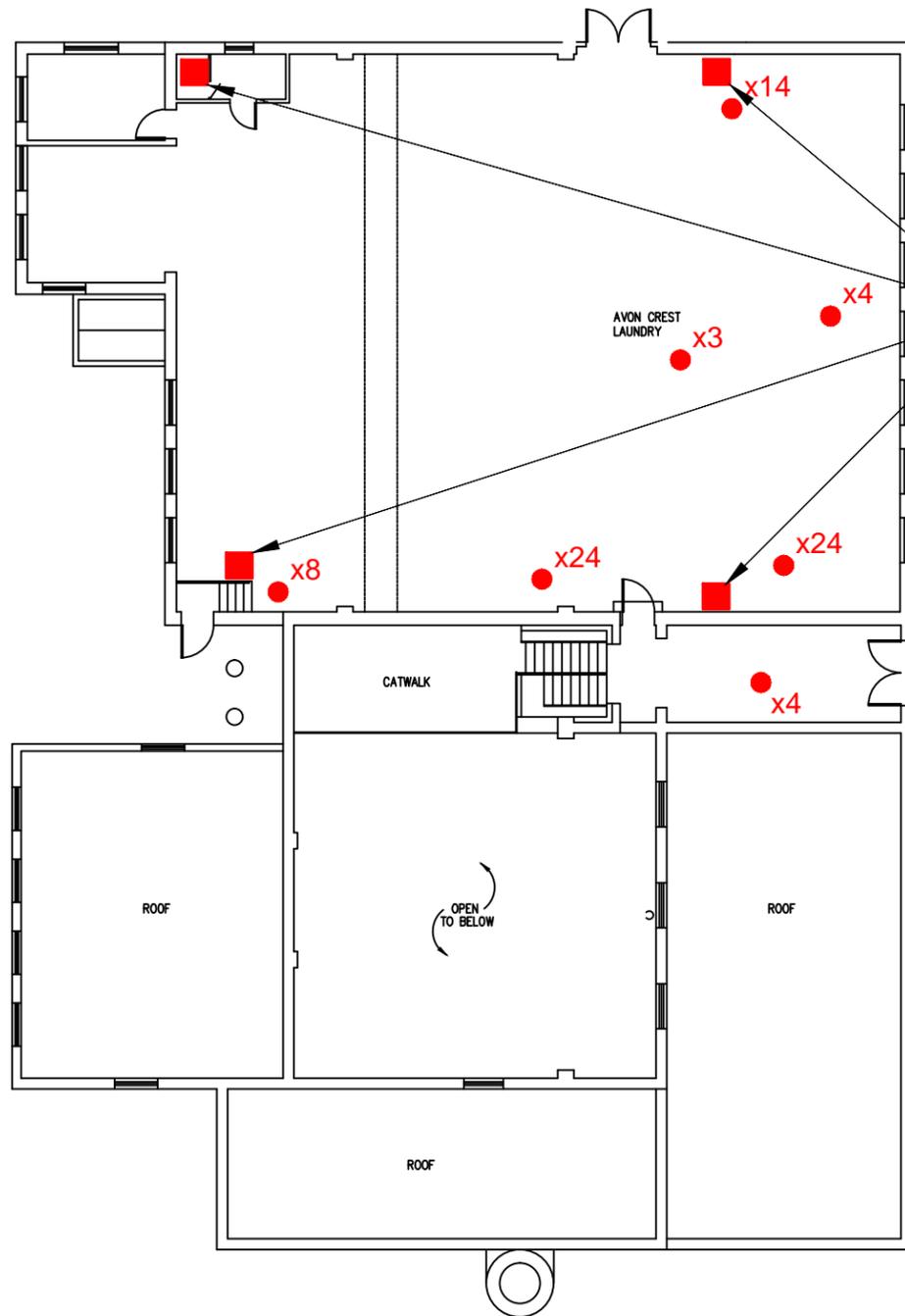


Photograph No. 11 – Avoncrest (Basement Corridor)
Damaged 9" x 9" Grey with White Fleck Vinyl Floor Tiles



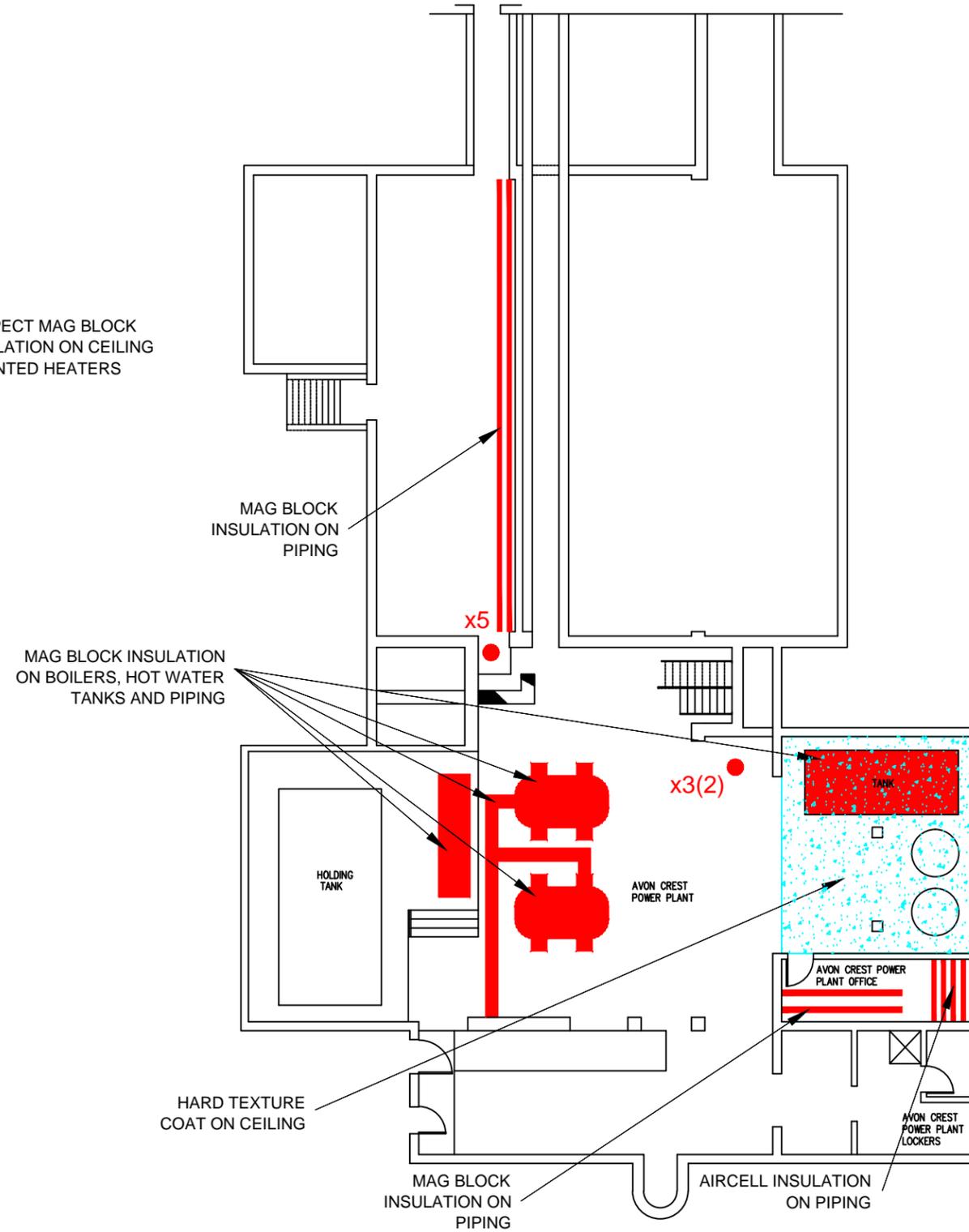
Photograph No. 12 – Avoncrest (Basement Corridor)
Damaged 9" x 9" Grey with White Fleck Vinyl Floor Tiles

LAUNDRY AND POWER PLANT - LEVEL ONE



SUSPECT MAG BLOCK INSULATION ON CEILING MOUNTED HEATERS

LAUNDRY AND POWER PLANT - BASEMENT



Notes:
 ALL DRAWINGS TO BE REFERENCED WITH THE ASBESTOS AUDIT UPDATE REPORT. LOCATIONS AND QUANTITIES ARE APPROXIMATE.
 ALL KNOWN OR SUSPECT ASBESTOS-CONTAINING MATERIALS ARE NOT DEPICTED ON THIS DRAWING. REFER TO THE ASBESTOS AUDIT UPDATE FOR A COMPLETE LIST OF IDENTIFIED KNOWN AND SUSPECT ASBESTOS-CONTAINING MATERIALS.
 THIS FIGURE IS COLOUR DEPENDENT. PHOTOCOPIES MAY ALTER INTERPRETATION OF FIGURE. ALWAYS REFER TO ORIGINAL DRAWINGS AND ASBESTOS AUDIT REPORT.

- Asbestos-Containing Materials Legend**
- Ceiling Tile
 - Friable Soft Textured Finish Ceiling
 - Spray On Fire Proofing
 - Non-Friable Hard Stipple Coat / Textured Plaster Ceilings
 - Transite (Asbestos Cement) Paneling
 - Floor Tile
 - Rolled Flooring
 - Mag Block Insulation
 - No Access
 - Boiler
 - Fire Door
 - Friable Debris
 - Pipe Fitting Insulation with Quantity (Brackets indicate No. of damaged fittings)
 - Pipe Insulation (Vertical and Horizontal)
 - Transite (Asbestos Cement) Pipe (Vertical and Horizontal)
 - Duct Expansion Joints with Quantity (Brackets indicates No. of damaged joints)



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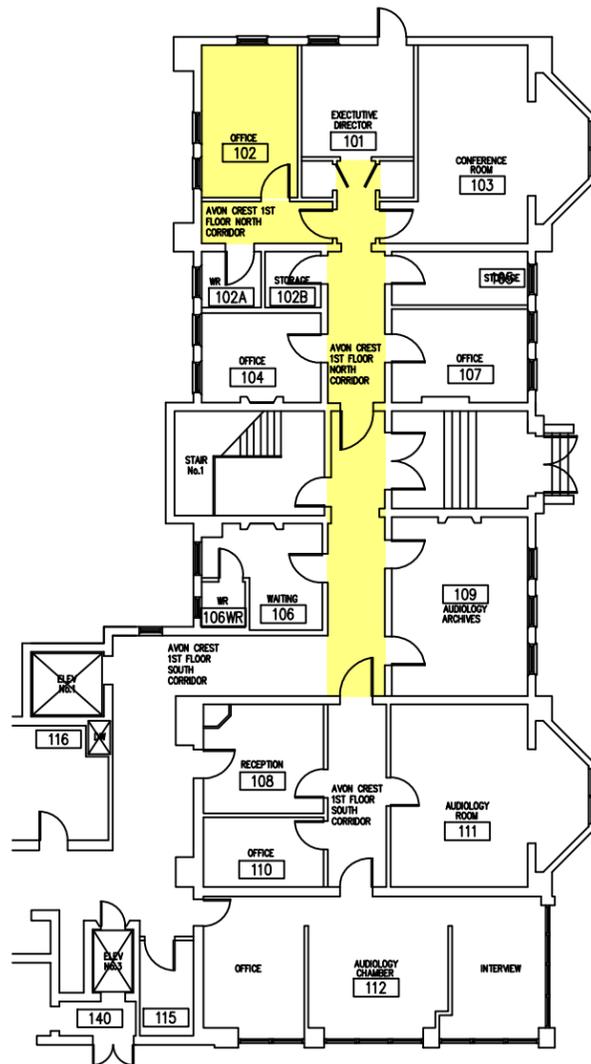
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PROJECT
 2016 ASBESTOS AUDIT UPDATE

DRAWING
 AVONCREST LAUNDRY & POWER PLANT
 STRATFORD GENERAL HOSPITAL

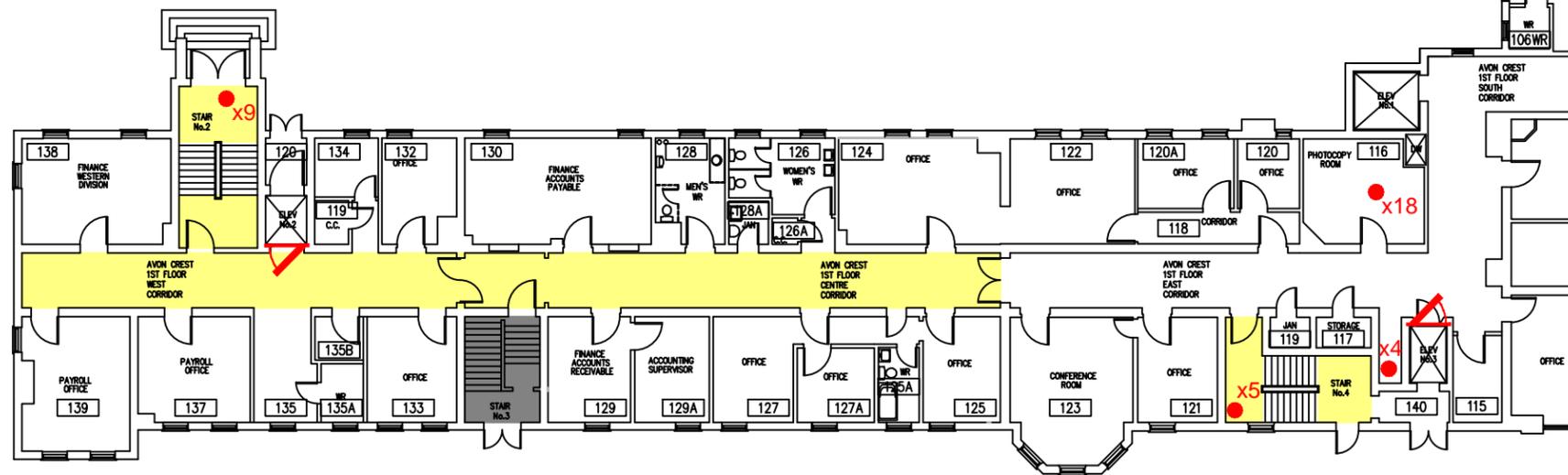
Project Manager	A. DENNETT	Date	MAY 2016
Baseplan By	HPHA	Project No.	36672-101
Figure By	PXS	Drawing No.	1.0
Scale	N.T.S.		

NORTH WING



MAG BLOCK AND AIRCELL INSULATION SUSPECTED ON PIPE LINES THROUGHOUT

WEST WING



Notes:

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Asbestos-Containing Materials Legend

-  Ceiling Tile
-  Friable Soft Textured Finish Ceiling
-  Spray On Fire Proofing
-  Non-Friable Hard Stipple Coat / Textured Plaster Ceilings
-  Transite (Asbestos Cement) Paneling
-  Floor Tile
-  Rolled Flooring
-  Mag Block Insulation
-  No Access
-  Boiler
-  Fire Door
-  Friable Debris
-  Pipe Fitting Insulation with Quantity (Brackets indicate No. of damaged fittings)
-  Pipe Insulation (Vertical and Horizontal)
-  Transite (Asbestos Cement) Pipe (Vertical and Horizontal)
-  Duct Expansion Joints with Quantity (Brackets indicates No. of damaged joints)



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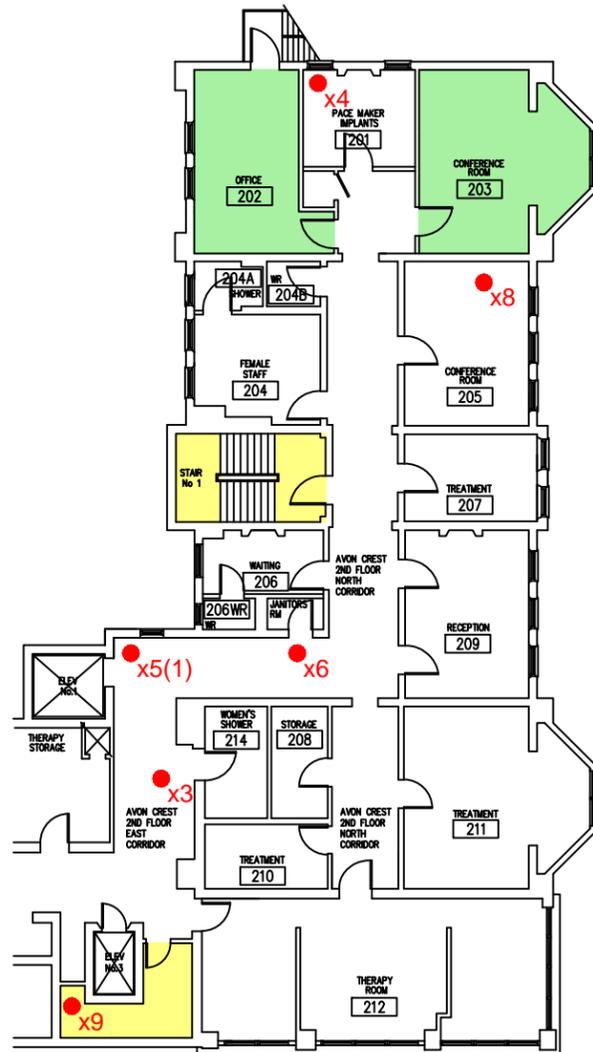
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2016 ASBESTOS
AUDIT UPDATE

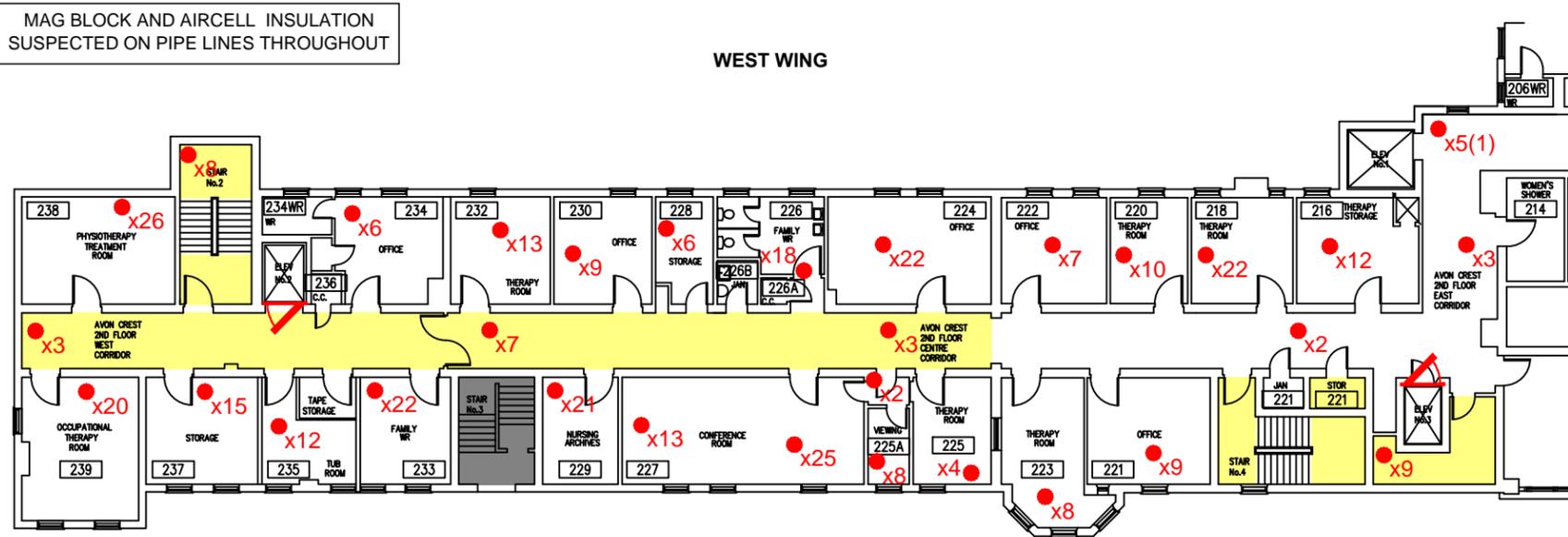
DRAWING
AVONCREST
(FIRST FLOOR)
STRATFORD GENERAL HOSPITAL

Project Manager	A. DENNETT	Date	MAY 2016
Baseplan By	HPHA	Project No.	36672-101
Figure By	PXS	Drawing No.	1.2
Scale	N.T.S.		

NORTH WING



WEST WING



Notes:
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 THIS FIGURE IS COLOUR DEPENDENT. PHOTOCOPIES MAY ALTER INTERPRETATION OF FIGURE. ALWAYS REFER TO ORIGINAL DRAWINGS AND ASBESTOS AUDIT REPORT.

- Asbestos-Containing Materials Legend**
- Ceiling Tile
 - Friable Soft Textured Finish Ceiling
 - Spray On Fire Proofing
 - Non-Friable Hard Stipple Coat / Textured Plaster Ceilings
 - Transite (Asbestos Cement) Paneling
 - Floor Tile
 - Rolled Flooring
 - Mag Block Insulation
 - No Access
 - Boiler
 - Fire Door
 - Friable Debris
 - Pipe Fitting Insulation with Quantity (Brackets indicate No. of damaged fittings)
 - Pipe Insulation (Vertical and Horizontal)
 - Transite (Asbestos Cement) Pipe (Vertical and Horizontal)
 - Duct Expansion Joints with Quantity (Brackets indicates No. of damaged joints)



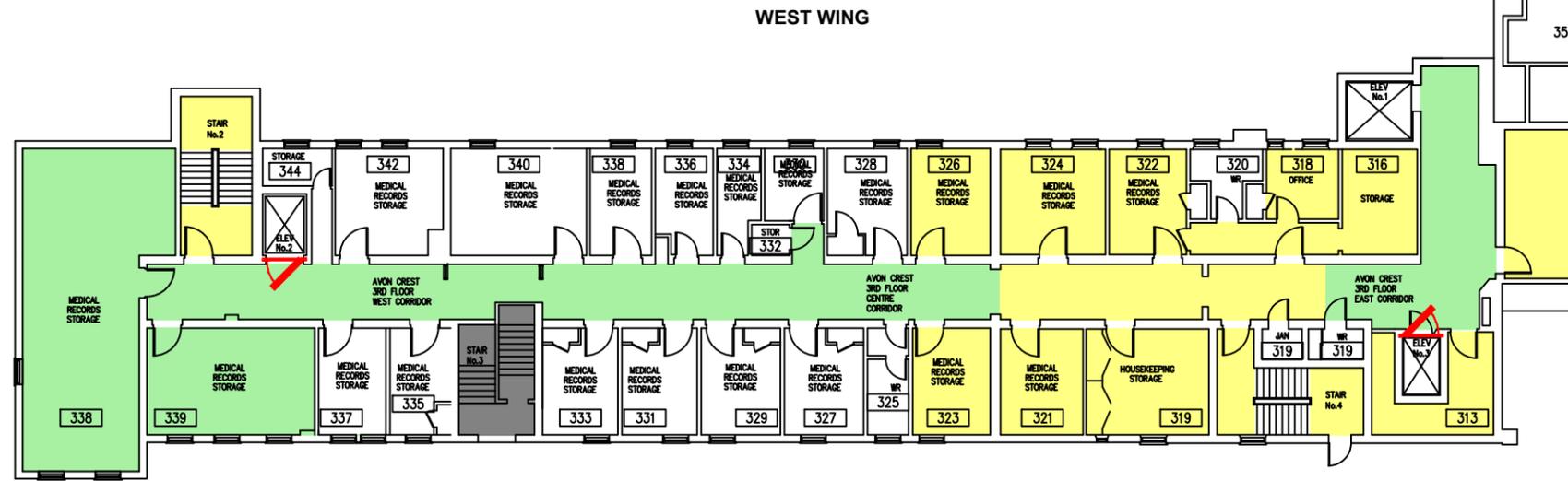
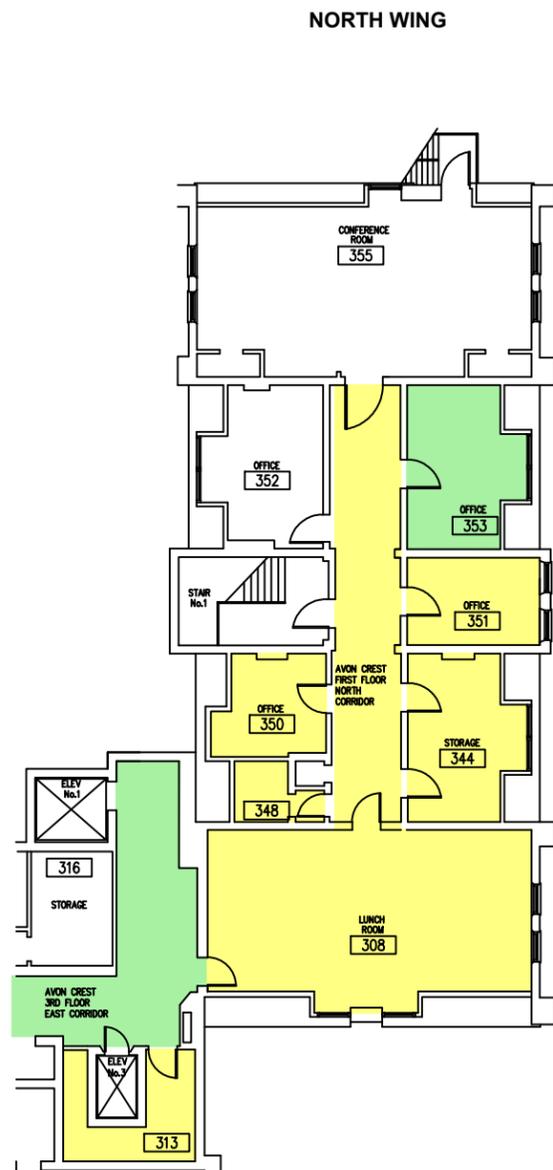
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PROJECT
 2016 ASBESTOS AUDIT UPDATE

DRAWING
 AVONCREST (SECOND FLOOR) STRATFORD GENERAL HOSPITAL

Project Manager	A. DENNETT	Date	MAY 2016
Baseplan By	HPHA	Project No.	36672-101
Figure By	PXS	Drawing No.	1.3
Scale	N.T.S.		



Notes:
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- Asbestos-Containing Materials Legend**
- Ceiling Tile
 - Friable Soft Textured Finish Ceiling
 - Spray On Fire Proofing
 - Non-Friable Hard Stipple Coat / Textured Plaster Ceilings
 - Transite (Asbestos Cement) Paneling
 - Floor Tile
 - Rolled Flooring
 - Mag Block Insulation
 - No Access
 - Boiler
 - Fire Door
 - Friable Debris
 - Pipe Fitting Insulation with Quantity (Brackets indicate No. of damaged fittings)
 - Pipe Insulation (Vertical and Horizontal)
 - Transite (Asbestos Cement) Pipe (Vertical and Horizontal)
 - Duct Expansion Joints with Quantity (Brackets indicates No. of damaged joints)



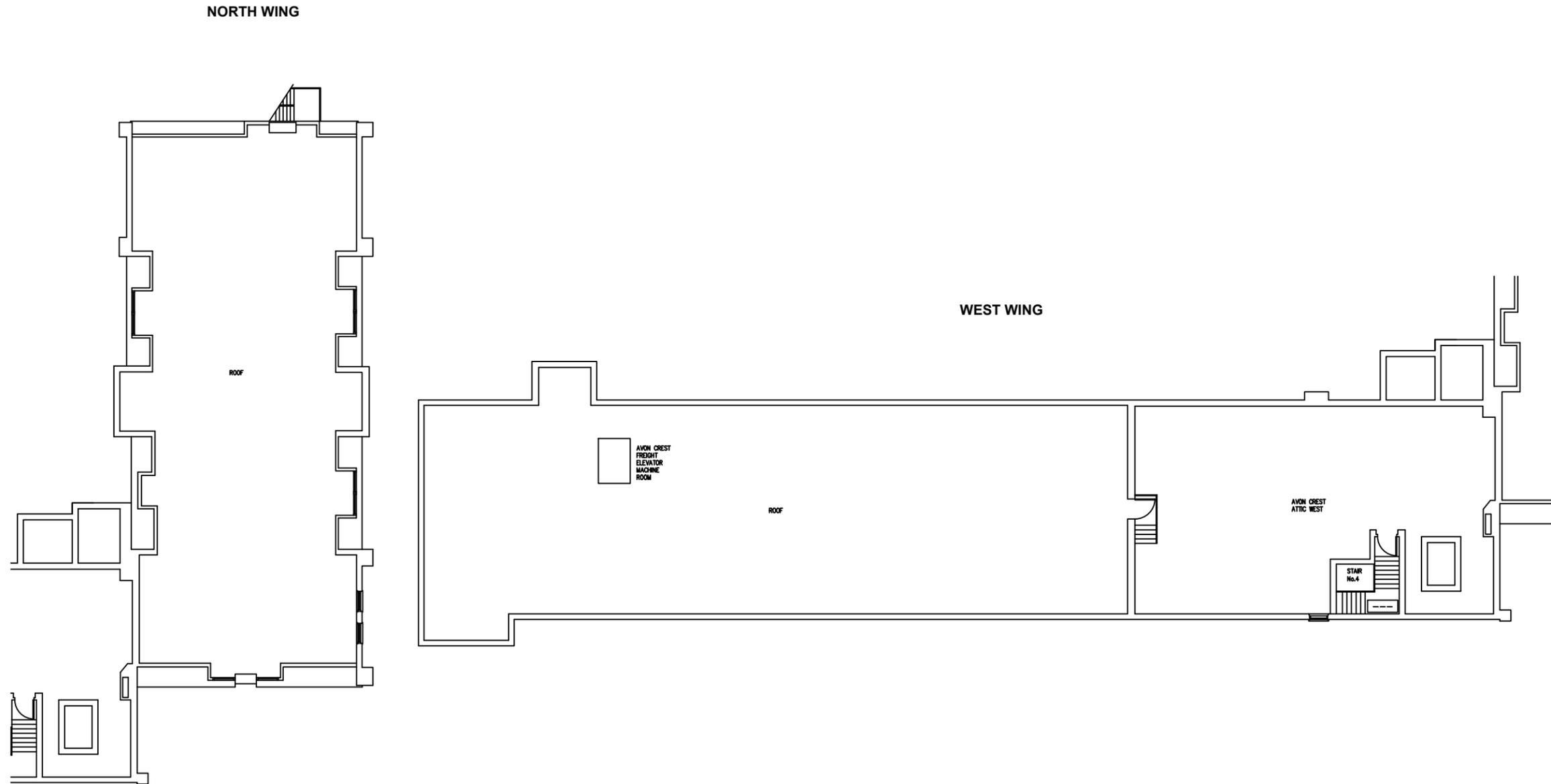
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 HURON PERTH HEALTHCARE ALLIANCE

PROJECT
 2016 ASBESTOS AUDIT UPDATE

DRAWING
 AVONCREST (THIRD FLOOR) STRATFORD GENERAL HOSPITAL

Project Manager	A. DENNETT	Date	MAY 2016
Baseplan By	HPHA	Project No.	36672-101
Figure By	PXS	Drawing No.	1.4
Scale	N.T.S.		



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Asbestos-Containing Materials Legend

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-  Non-Friable Hard Stipple Coat / Textured Plaster Ceilings
-  Transite (Asbestos Cement) Paneling
-  Floor Tile
-  Rolled Flooring
-  Mag Block Insulation
-  No Access
-  Boiler
-  Fire Door
-  Friable Debris
-  Pipe Fitting Insulation with Quantity (Brackets indicate No. of damaged fittings)
-  Pipe Insulation (Vertical and Horizontal)
-  Transite (Asbestos Cement) Pipe (Vertical and Horizontal)
-  Duct Expansion Joints with Quantity (Brackets indicates No. of damaged joints)



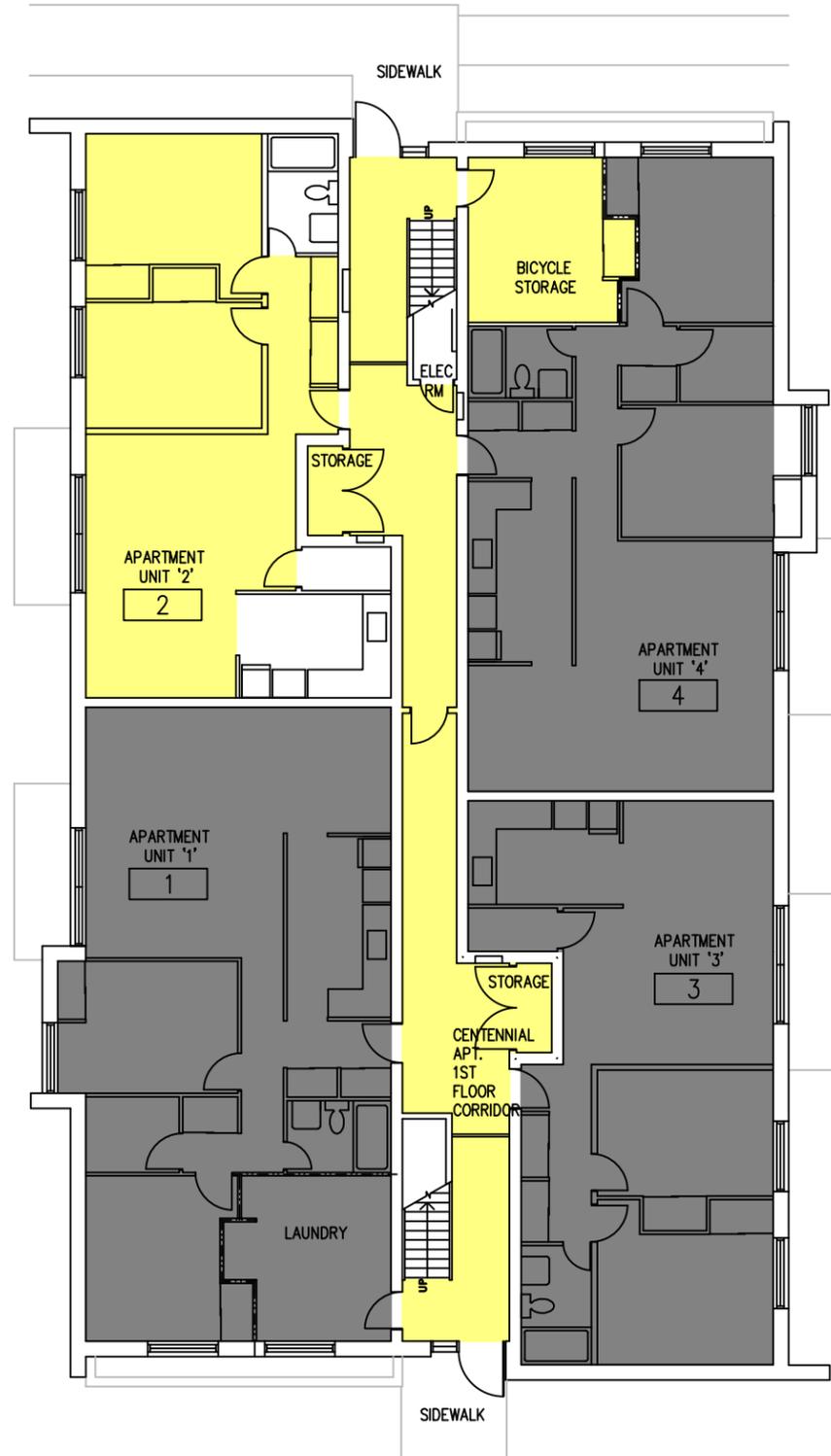
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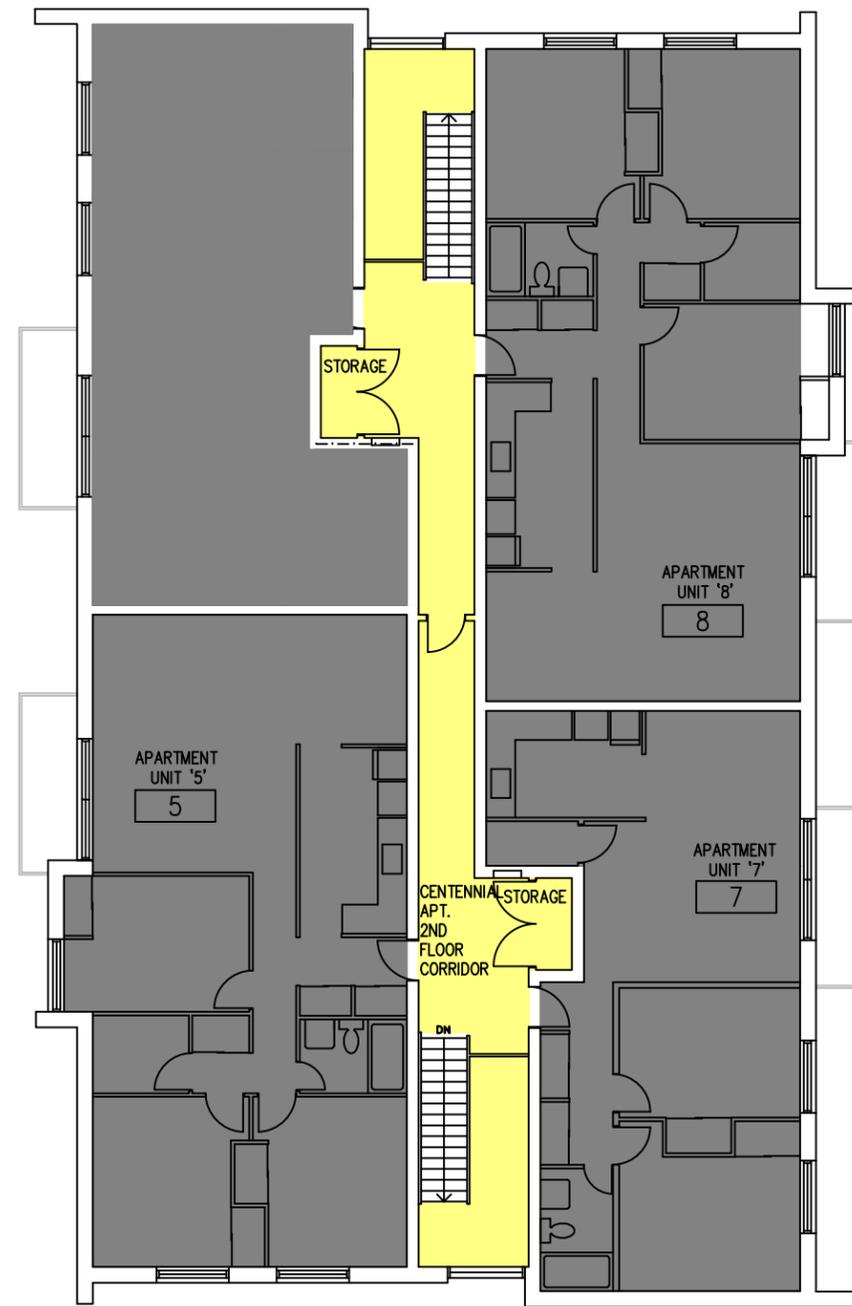
PROJECT
 2016 ASBESTOS AUDIT UPDATE

DRAWING
 AVONCREST (FOURTH FLOOR) STRATFORD GENERAL HOSPITAL

Project Manager	A. DENNETT	Date	MAY 2016
Baseplan By	HPHA	Project No.	36672-101
Figure By	PXS	Drawing No.	1.5
Scale	N.T.S.		



FIRST FLOOR



SECOND FLOOR

Notes:
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 - Friable Soft Textured Finish Ceiling
 - Spray On Fire Proofing
 - Non-Friable Hard Stipple Coat / Textured Plaster Ceilings
 - Transite (Asbestos Cement) Paneling
 - Floor Tile
 - Rolled Flooring
 - Mag Block Insulation
 - No Access
 - Boiler
 - Fire Door
 - Friable Debris
 - Pipe Fitting Insulation with Quantity (Brackets indicate No. of damaged fittings)
 - Pipe Insulation (Vertical and Horizontal)
 - Transite (Asbestos Cement) Pipe (Vertical and Horizontal)
 - Duct Expansion Joints with Quantity (Brackets indicates No. of damaged joints)



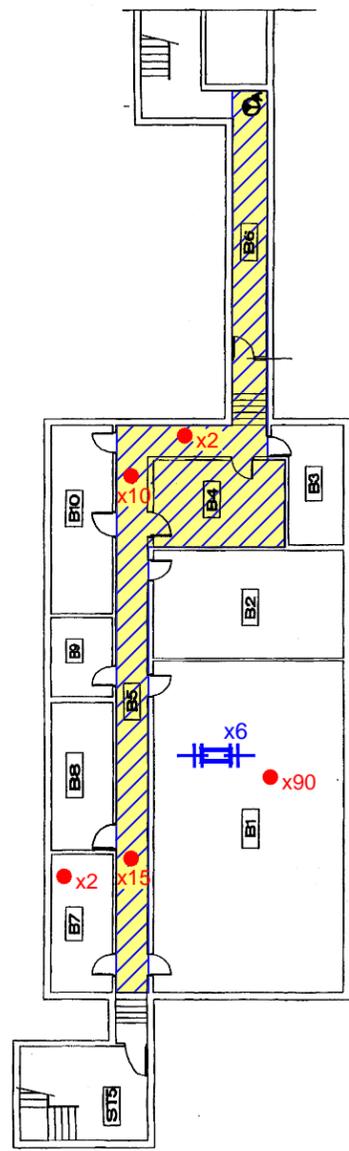
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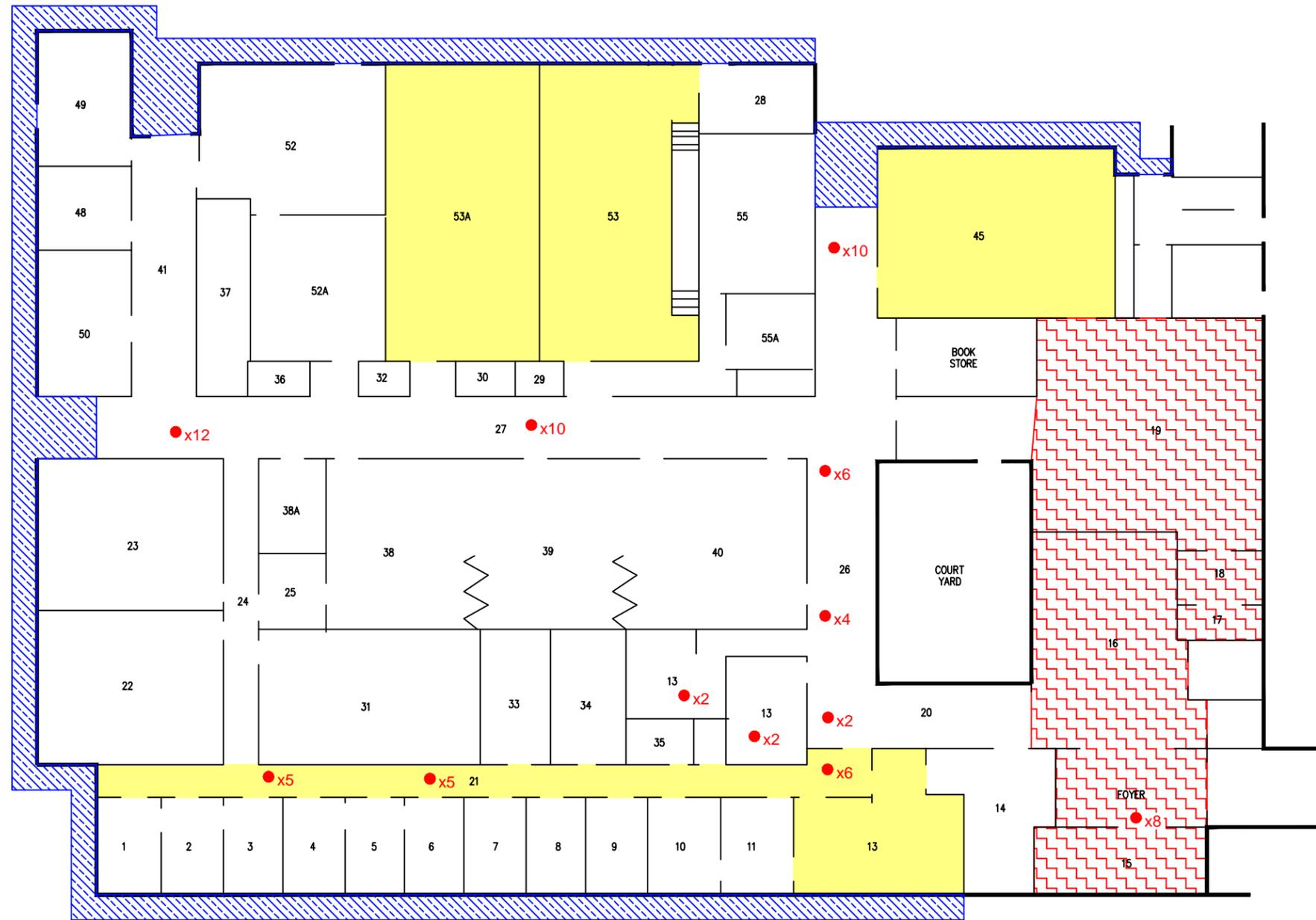
PROJECT
 2016 ASBESTOS AUDIT UPDATE

DRAWING
 CENTENNIAL APARTMENTS
 STRATFORD GENERAL HOSPITAL

Project Manager	A. DENNETT	Date	MAY 2016
Baseplan By	HPHA	Project No.	36672-101
Figure By	PXS	Drawing No.	2.0
Scale	N.T.S.		



BASEMENT



FIRST FLOOR

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- Asbestos-Containing Materials Legend**
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 - Friable Soft Textured Finish Ceiling
 - Spray On Fire Proofing
 - Non-Friable Hard Stipple Coat / Textured Plaster Ceilings
 - Transite (Asbestos Cement) Paneling
 - Floor Tile
 - Rolled Flooring
 - Mag Block Insulation
 - No Access
 - Boiler
 - Fire Door
 - Friable Debris
 - Pipe Fitting Insulation with Quantity (Brackets indicate No. of damaged fittings)
 - Pipe Insulation (Vertical and Horizontal)
 - Transite (Asbestos Cement) Pipe (Vertical and Horizontal)
 - Duct Expansion Joints with Quantity (Brackets indicates No. of damaged joints)



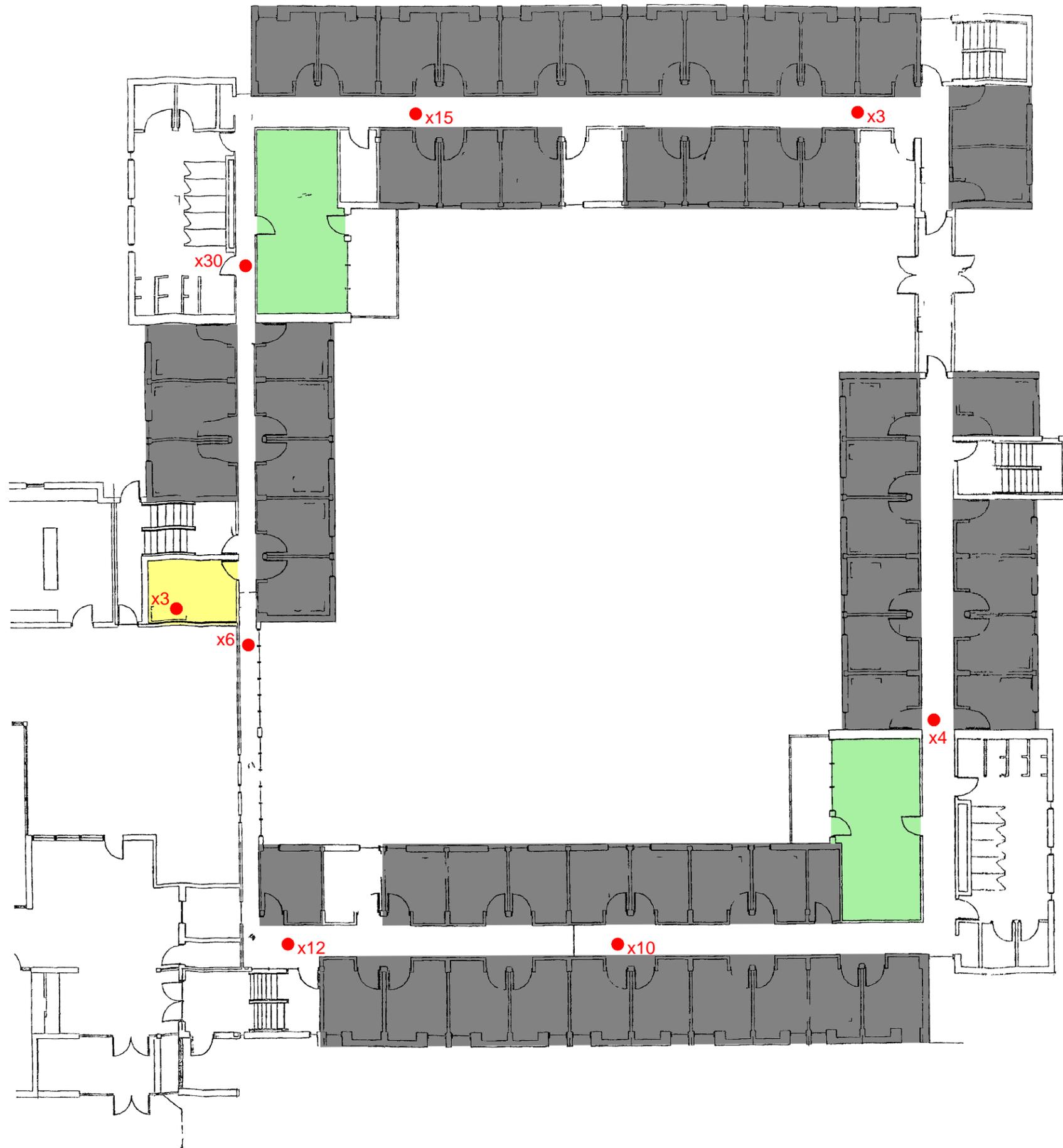
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PROJECT
 2016 ASBESTOS
 AUDIT UPDATE

DRAWING
 CONESTOGA COLLEGE
 STRATFORD GENERAL HOSPITAL

Project Manager	A. DENNETT	Date	MAY 2016
Baseplan By	HPHA	Project No.	36672-101
Figure By	PXS	Drawing No.	3.0
Scale	N.T.S.		



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Asbestos-Containing Materials Legend

	Ceiling Tile
	Friable Soft Textured Finish Ceiling
	Spray On Fire Proofing
	Non-Friable Hard Stipple Coat / Textured Plaster Ceilings
	Transite (Asbestos Cement) Paneling
	Floor Tile
	Rolled Flooring
	Mag Block Insulation
	No Access
	Boiler
	Fire Door
	Friable Debris
	Pipe Fitting Insulation with Quantity (Brackets indicate No. of damaged fittings)
	Pipe Insulation (Vertical and Horizontal)
	Transite (Asbestos Cement) Pipe (Vertical and Horizontal)
	Duct Expansion Joints with Quantity (Brackets indicates No. of damaged joints)



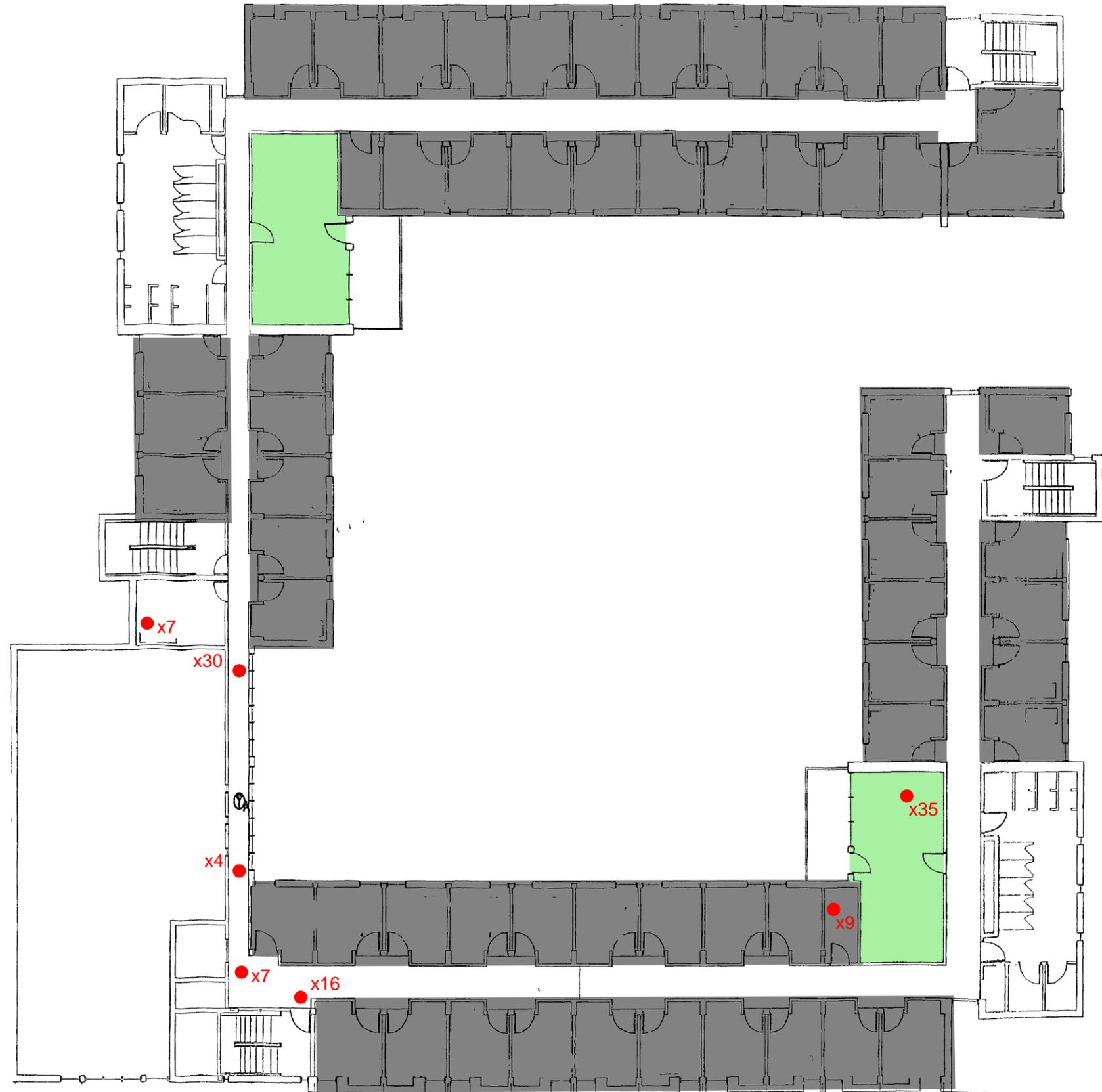
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PROJECT
 2016 ASBESTOS AUDIT UPDATE

DRAWING
 RESIDENCE
 FIRST FLOOR
 STRATFORD GENERAL HOSPITAL

Project Manager	A. DENNETT	Date	MAY 2016
Baseplan By	HPHA	Project No.	36672-101
Figure By	PXS	Drawing No.	4.0
Scale	N.T.S.		



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Asbestos-Containing Materials Legend

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-  Duct Expansion Joints with Quantity (Brackets indicates No. of damaged joints)



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PROJECT
 2016 ASBESTOS AUDIT UPDATE

DRAWING
 RESIDENCE SECOND FLOOR STRATFORD GENERAL HOSPITAL

Project Manager	A. DENNETT	Date	MAY 2016
Baseplan By	HPHA	Project No.	36672-101
Figure By	PXS	Drawing No.	4.1
Scale	N.T.S.		



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Asbestos-Containing Materials Legend

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-  Transite (Asbestos Cement) Pipe (Vertical and Horizontal)
-  Duct Expansion Joints with Quantity (Brackets indicates No. of damaged joints)



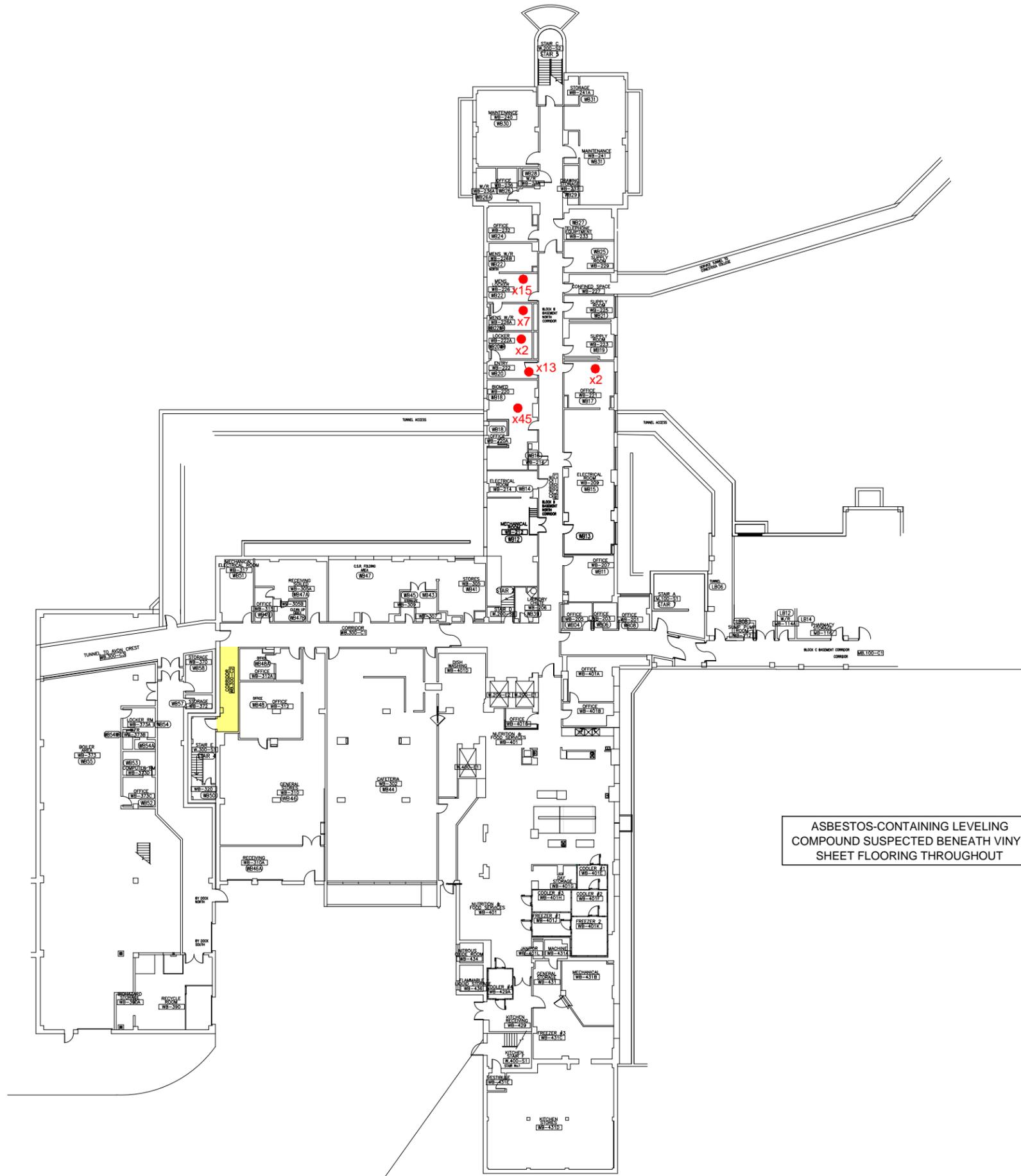
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PROJECT
 2016 ASBESTOS AUDIT UPDATE

DRAWING
 RESIDENCE
 THIRD FLOOR
 STRATFORD GENERAL HOSPITAL

Project Manager	A. DENNETT	Date	MAY 2016
Baseplan By	HPHA	Project No.	36672-101
Figure By	PXS	Drawing No.	4.2
Scale	N.T.S.		



ASBESTOS-CONTAINING LEVELING COMPOUND SUSPECTED BENEATH VINYL SHEET FLOORING THROUGHOUT

Notes:
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 - Transite (Asbestos Cement) Pipe (Vertical and Horizontal)
 - Duct Expansion Joints with Quantity (Brackets indicates No. of damaged joints)



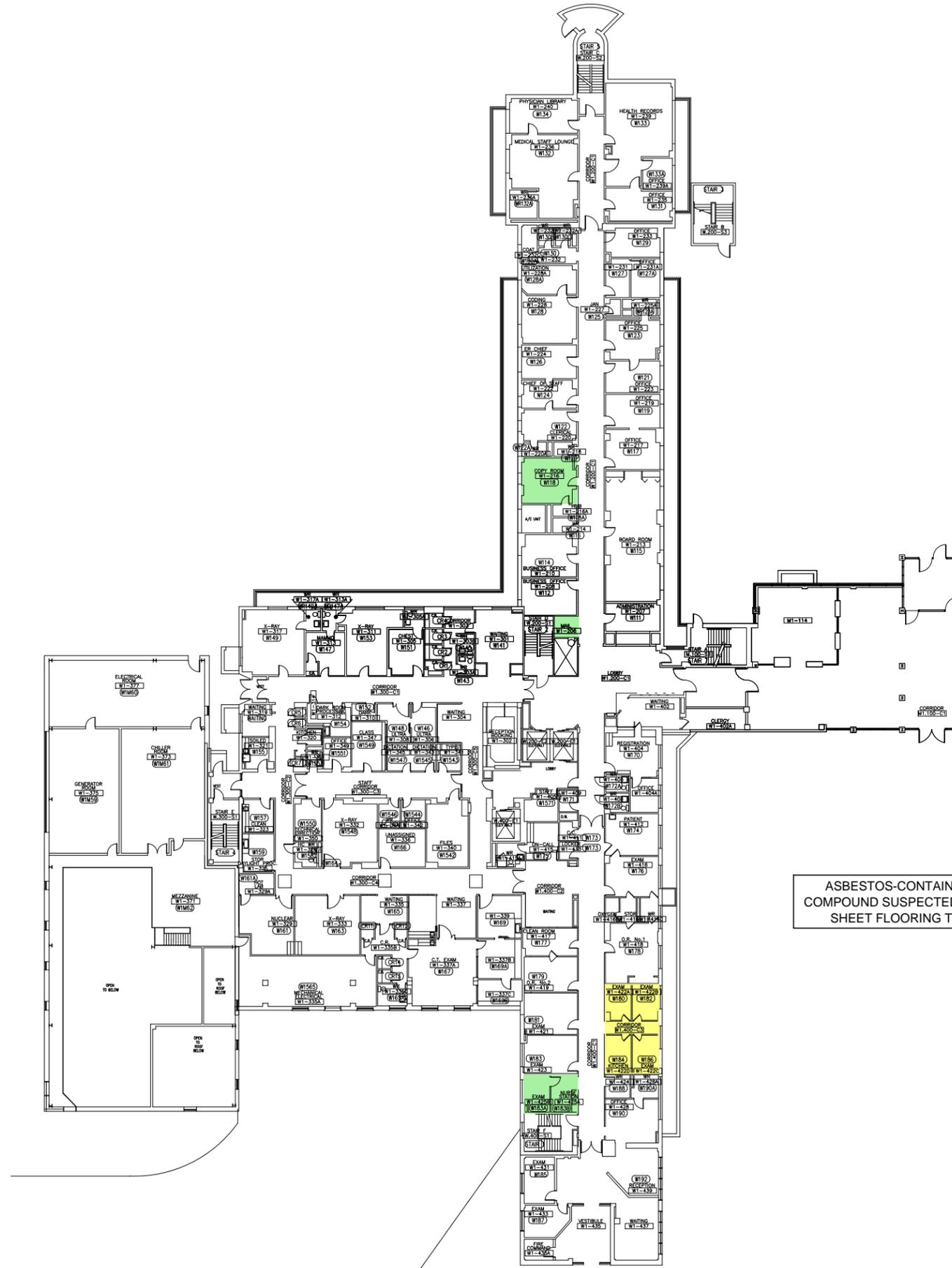
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PROJECT
 2016 ASBESTOS AUDIT UPDATE

DRAWING
 WEST WING LEVEL 0
 STRATFORD GENERAL HOSPITAL

Project Manager	A. DENNETT	Date	MAY 2016
Baseplan By	HPHA	Project No.	36672-101
Figure By	PXS	Drawing No.	5.0
Scale	N.T.S.		



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 - Floor Tile
 - Rolled Flooring
 - Mag Block Insulation
 - No Access
 - Boiler
 - Fire Door
 - Friable Debris
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 - Pipe Insulation (Vertical and Horizontal)
 - Transite (Asbestos Cement) Pipe (Vertical and Horizontal)
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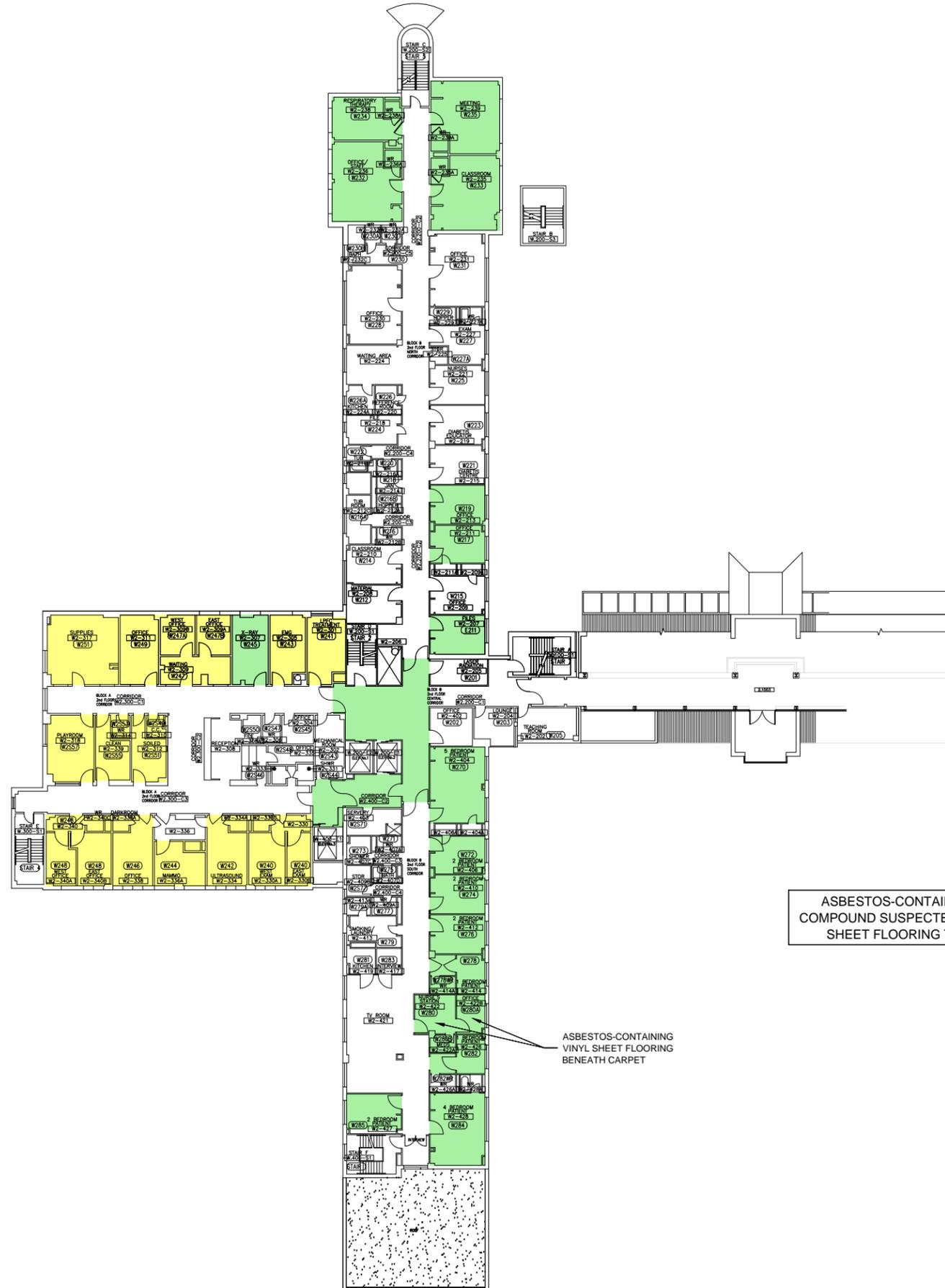
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PROJECT
 2016 ASBESTOS AUDIT UPDATE

DRAWING
 WEST WING LEVEL 1
 STRATFORD GENERAL HOSPITAL

Project Manager	A. DENNETT	Date	MAY 2016
Baseplan By	HPHA	Project No.	36672-101
Figure By	PXS	Drawing No.	5.1
Scale	N.T.S.		



ASBESTOS-CONTAINING LEVELING COMPOUND SUSPECTED BENEATH VINYL SHEET FLOORING THROUGHOUT

ASBESTOS-CONTAINING VINYL SHEET FLOORING BENEATH CARPET

Notes:
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Asbestos-Containing Materials Legend

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- Friable Soft Textured Finish Ceiling
- Spray On Fire Proofing
- Non-Friable Hard Stipple Coat / Textured Plaster Ceilings
- Transite (Asbestos Cement) Paneling
- Floor Tile
- Rolled Flooring
- Mag Block Insulation
- No Access
- Boiler
- Fire Door
- Friable Debris
- Pipe Fitting Insulation with Quantity (Brackets indicate No. of damaged fittings)
- Pipe Insulation (Vertical and Horizontal)
- Transite (Asbestos Cement) Pipe (Vertical and Horizontal)
- Duct Expansion Joints with Quantity (Brackets indicates No. of damaged joints)



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PROJECT
 2016 ASBESTOS AUDIT UPDATE

DRAWING
 WEST WING LEVEL 2
 STRATFORD GENERAL HOSPITAL

Project Manager	A. DENNETT	Date	MAY 2016
Baseplan By	HPHA	Project No.	36672-101
Figure By	PXS	Drawing No.	5.2
Scale	N.T.S.		



ASBESTOS-CONTAINING LEVELING COMPOUND SUSPECTED BENEATH VINYL SHEET FLOORING THROUGHOUT

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Asbestos-Containing Materials Legend

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-  Friable Soft Textured Finish Ceiling
-  Spray On Fire Proofing
-  Non-Friable Hard Stipple Coat / Textured Plaster Ceilings
-  Transite (Asbestos Cement) Paneling
-  Floor Tile
-  Rolled Flooring
-  Mag Block Insulation
-  No Access
-  Boiler
-  Fire Door
-  Friable Debris
-  Pipe Fitting Insulation with Quantity (Brackets indicate No. of damaged fittings)
-  Pipe Insulation (Vertical and Horizontal)
-  Transite (Asbestos Cement) Pipe (Vertical and Horizontal)
-  Duct Expansion Joints with Quantity (Brackets indicates No. of damaged joints)



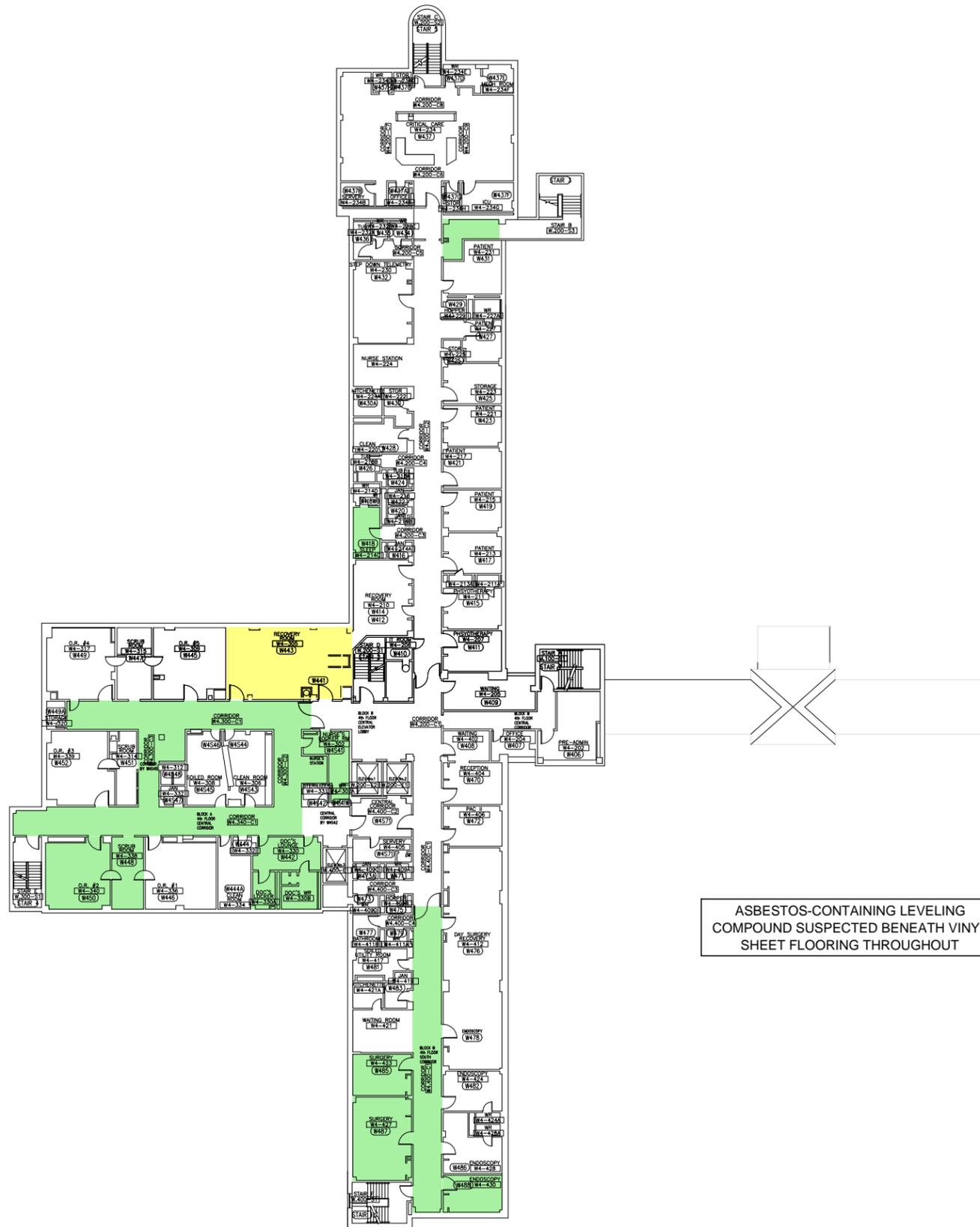
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HURON PERTH HEALTHCARE ALLIANCE

PROJECT
2016 ASBESTOS AUDIT UPDATE

DRAWING
WEST WING LEVEL 3 STRATFORD GENERAL HOSPITAL

Project Manager	A. DENNETT	Date	MAY 2016
Baseplan By	HPHA	Project No.	36672-101
Figure By	PXS	Drawing No.	5.3
Scale	N.T.S.		



ASBESTOS-CONTAINING LEVELING COMPOUND SUSPECTED BENEATH VINYL SHEET FLOORING THROUGHOUT

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Asbestos-Containing Materials Legend

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- Friable Soft Textured Finish Ceiling
- Spray On Fire Proofing
- Non-Friable Hard Stipple Coat / Textured Plaster Ceilings
- Transite (Asbestos Cement) Paneling
- Floor Tile
- Rolled Flooring
- Mag Block Insulation
- No Access
- Boiler
- Fire Door
- Friable Debris
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- Transite (Asbestos Cement) Pipe (Vertical and Horizontal)
- Duct Expansion Joints with Quantity (Brackets indicates No. of damaged joints)



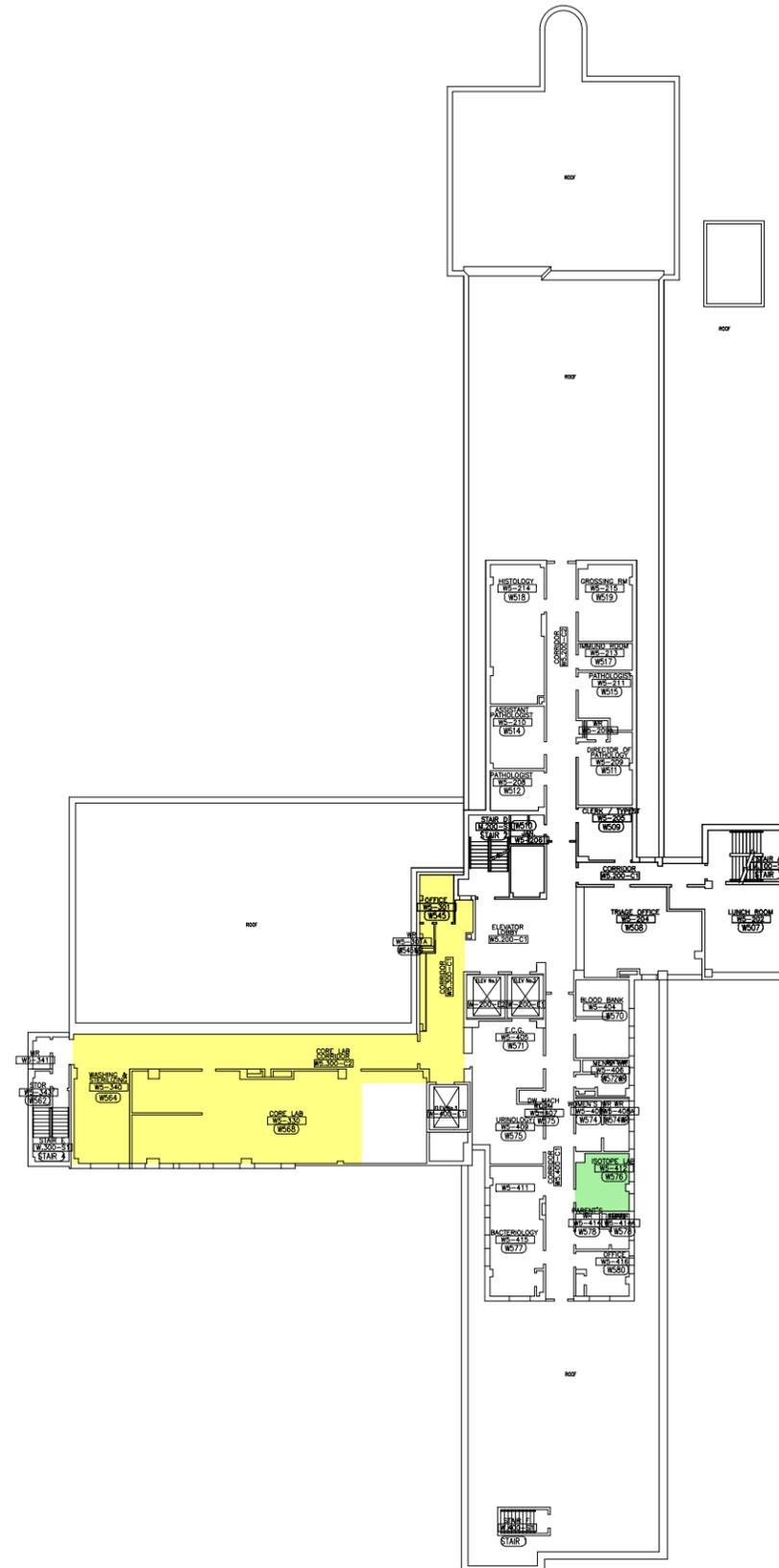
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PROJECT
 2016 ASBESTOS AUDIT UPDATE

DRAWING
 WEST WING
 LEVEL 4
 STRATFORD GENERAL HOSPITAL

Project Manager	A. DENNETT	Date	MAY 2016
Baseplan By	HPHA	Project No.	36672-101
Figure By	PXS	Drawing No.	5.4
Scale	N.T.S.		



ASBESTOS-CONTAINING LEVELING
COMPOUND SUSPECTED BENEATH VINYL
SHEET FLOORING THROUGHOUT

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Asbestos-Containing Materials Legend

- Ceiling Tile
- Friable Soft Textured Finish Ceiling
- Spray On Fire Proofing
- Non-Friable Hard Stipple Coat / Textured Plaster Ceilings
- Transite (Asbestos Cement) Paneling
- Floor Tile
- Rolled Flooring
- Mag Block Insulation
- No Access
- No Access Above Ceiling
- Boiler
- Fire Door
- Friable Debris
- Pipe Fitting Insulation with Quantity (Brackets indicate No. of damaged fittings)
- Pipe Insulation (Vertical and Horizontal)
- Transite (Asbestos Cement) Pipe (Vertical and Horizontal)
- Duct Expansion Joints with Quantity (Brackets indicates No. of damaged joints)

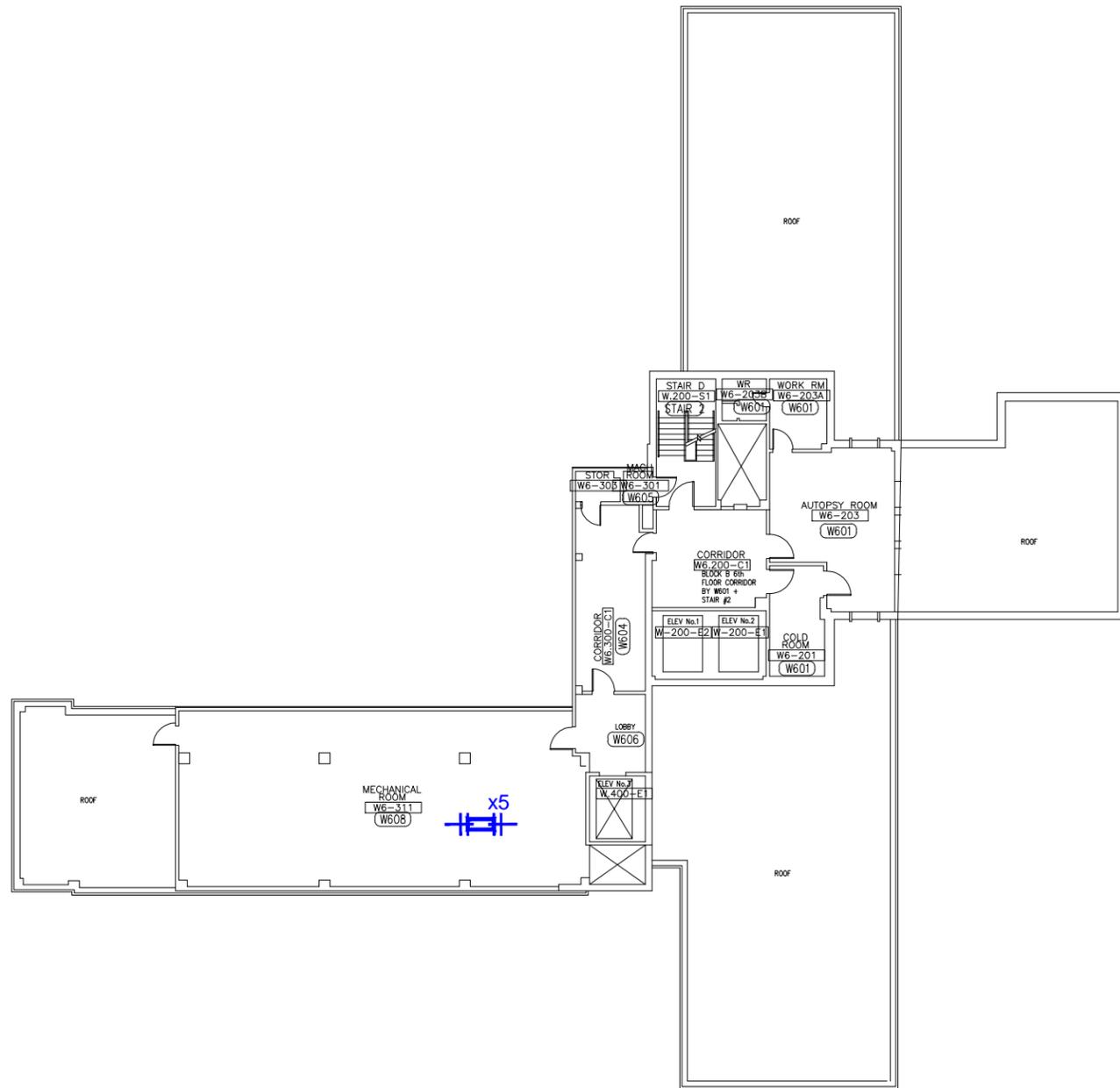
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HURON PERTH
HEALTHCARE ALLIANCE

PROJECT
2016 ASBESTOS
AUDIT UPDATE

DRAWING
WEST WING
LEVEL 5
STRATFORD GENERAL HOSPITAL

Project Manager	A. DENNETT	Date	MAY 2016
Baseplan By	HPHA	Project No.	36672-101
Figure By	PXS	Drawing No.	5.5
Scale	N.T.S.		



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Asbestos-Containing Materials Legend

- Ceiling Tile
- Friable Soft Textured Finish Ceiling
- Spray On Fire Proofing
- Non-Friable Hard Stipple Coat / Textured Plaster Ceilings
- Transite (Asbestos Cement) Paneling
- Floor Tile
- Rolled Flooring
- Mag Block Insulation
- No Access
- Boiler
- Fire Door
- Friable Debris
- Pipe Fitting Insulation with Quantity (Brackets indicate No. of damaged fittings)
- Pipe Insulation (Vertical and Horizontal)
- Transite (Asbestos Cement) Pipe (Vertical and Horizontal)
- Duct Expansion Joints with Quantity (Brackets indicates No. of damaged joints)



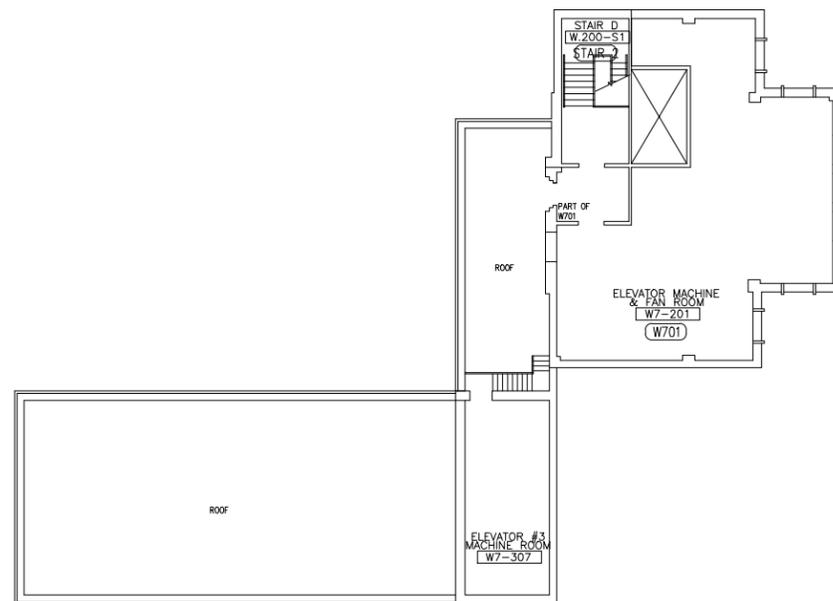
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CLIENT
 HURON PERTH HEALTHCARE ALLIANCE

PROJECT
 2016 ASBESTOS AUDIT UPDATE

DRAWING
 WEST WING
 LEVEL 6
 STRATFORD GENERAL HOSPITAL

Project Manager	A. DENNETT	Date	MAY 2016
Baseplan By	HPHA	Project No.	36672-101
Figure By	PXS	Drawing No.	5.6
Scale	N.T.S.		



Notes:
 ALL DRAWINGS TO BE REFERENCED WITH THE ASBESTOS AUDIT UPDATE REPORT. LOCATIONS AND QUANTITIES ARE APPROXIMATE.
 ALL KNOWN OR SUSPECT ASBESTOS-CONTAINING MATERIALS ARE NOT DEPICTED ON THIS DRAWING. REFER TO THE ASBESTOS AUDIT UPDATE FOR A COMPLETE LIST OF IDENTIFIED KNOWN AND SUSPECT ASBESTOS-CONTAINING MATERIALS.
 THIS FIGURE IS COLOUR DEPENDENT. PHOTOCOPIES MAY ALTER INTERPRETATION OF FIGURE. ALWAYS REFER TO ORIGINAL DRAWINGS AND ASBESTOS AUDIT REPORT.

Asbestos-Containing Materials Legend

-  Ceiling Tile
-  Friable Soft Textured Finish Ceiling
-  Spray On Fire Proofing
-  Non-Friable Hard Stipple Coat / Textured Plaster Ceilings
-  Transite (Asbestos Cement) Paneling
-  Floor Tile
-  Rolled Flooring
-  Mag Block Insulation
-  No Access
-  Boiler
-  Fire Door
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-  Pipe Fitting Insulation with Quantity (Brackets indicate No. of damaged fittings)
-  Pipe Insulation (Vertical and Horizontal)
-  Transite (Asbestos Cement) Pipe (Vertical and Horizontal)
-  Duct Expansion Joints with Quantity (Brackets indicates No. of damaged joints)



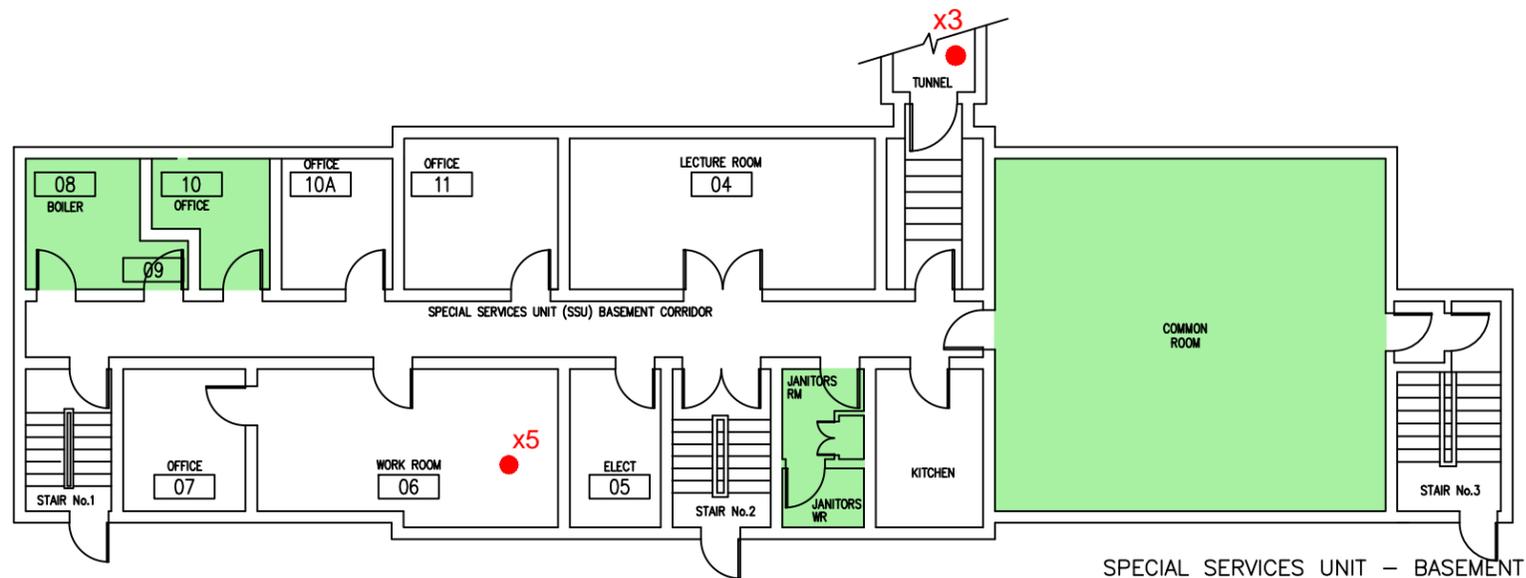
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CLIENT
 HURON PERTH HEALTHCARE ALLIANCE

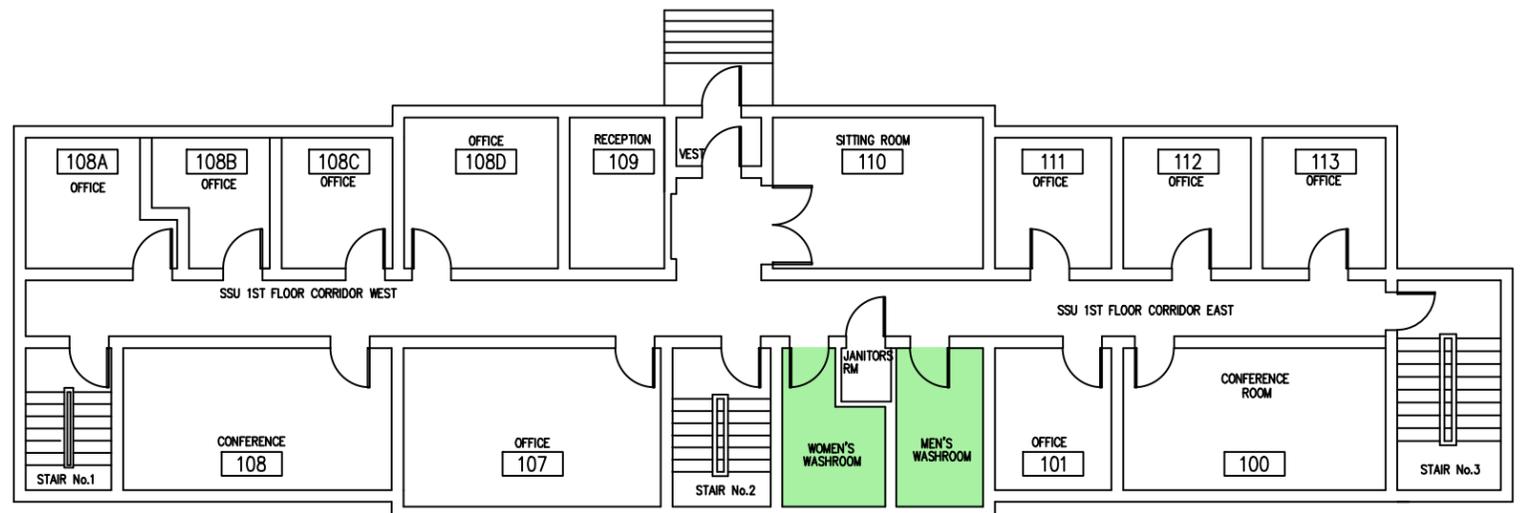
PROJECT
 2016 ASBESTOS AUDIT UPDATE

DRAWING
 WEST WING
 LEVEL 7
 STRATFORD GENERAL HOSPITAL

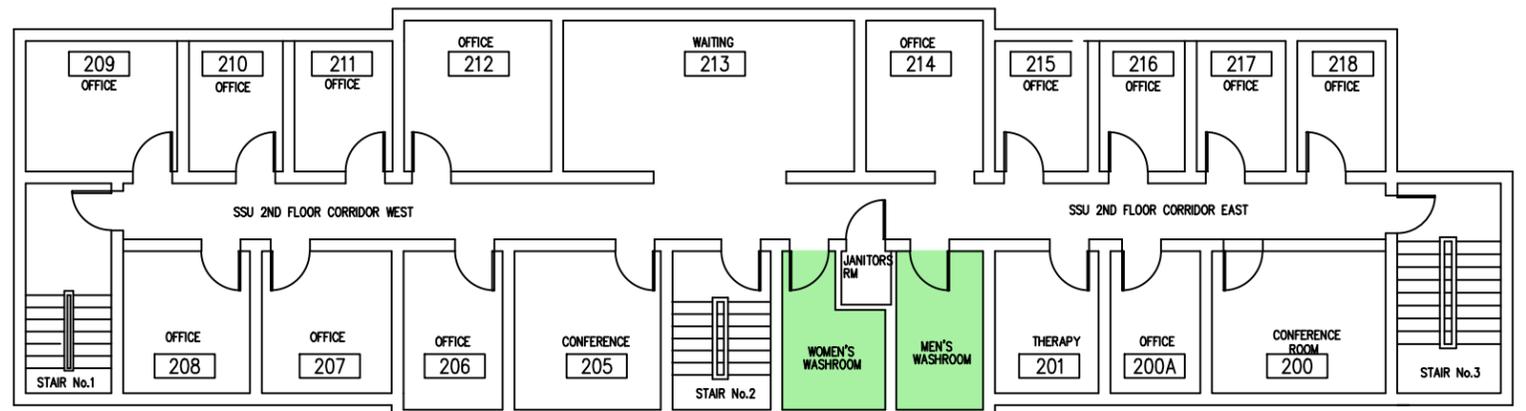
Project Manager	A. DENNETT	Date	MAY 2016
Baseplan By	HPHA	Project No.	36672-101
Figure By	PXS	Drawing No.	5.7
Scale	N.T.S.		



SPECIAL SERVICES UNIT - BASEMENT



SPECIAL SERVICES UNIT - 1ST FLOOR



SPECIAL SERVICES UNIT - 2ND FLOOR

Notes:
 ALL DRAWINGS TO BE REFERENCED WITH THE ASBESTOS AUDIT UPDATE REPORT. LOCATIONS AND QUANTITIES ARE APPROXIMATE.
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Asbestos-Containing Materials Legend

- Ceiling Tile
- Friable Soft Textured Finish Ceiling
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- Non-Friable Hard Stipple Coat / Textured Plaster Ceilings
- Transite (Asbestos Cement) Paneling
- Floor Tile
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CLIENT
 HURON PERTH HEALTHCARE ALLIANCE

PROJECT
 2016 ASBESTOS AUDIT UPDATE

DRAWING
 SPECIAL SERVICES UNIT
 STRATFORD GENERAL HOSPITAL

Project Manager	A. DENNETT	Date	MAY 2016
Baseplan By	HPHA	Project No.	36672-101
Figure By	PXS	Drawing No.	6.0
Scale	N.T.S.		



LABORATORY CERTIFICATES OF ANALYSIS

Certificate of Analysis

MTE Consultants Inc. (Kitchener)

520 Bingemans Centre Dr.
Kitchener, ON N2B 3X9
Attn: Aisling Dennett

Client PO:

Project: Stratford General Hospital 36672-101

Custody:

Report Date: 27-Apr-2016

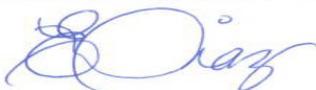
Order Date: 21-Apr-2016

Order #: 1617336

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

Parcel ID	Client ID	Parcel ID	Client ID
1617336-01	S01A	1617336-27	S06C (VSF)
1617336-02	S01B	1617336-28	S06A (Backing)
1617336-03	S01C	1617336-29	S06B (Backing)
1617336-04	S02A	1617336-30	S06C (Backing)
1617336-05	S02B	1617336-31	S07A (VSF)
1617336-06	S02C	1617336-32	S07B (VSF)
1617336-07	S03A (VSF)	1617336-33	S07C (VSF)
1617336-08	S03B (VSF)	1617336-34	S07A (Backing)
1617336-09	S03C (VSF)	1617336-35	S07B (Backing)
1617336-10	S03A (Backing)	1617336-36	S07C (Backing)
1617336-11	S03B (Backing)	1617336-37	S08A (VSF)
1617336-12	S03C (Backing)	1617336-38	S08B (VSF)
1617336-13	S03A (Orange Mastic)	1617336-39	S08C (VSF)
1617336-14	S03B (Orange Mastic)	1617336-40	S08A (Backing or Leveling Compound)
1617336-15	S03C (Orange Mastic)	1617336-41	S08B (Backing or Leveling Compound)
1617336-16	S04A (Skim Coat)	1617336-42	S08C (Backing or Leveling Compound)
1617336-17	S04B (Skim Coat)	1617336-43	S09A (VFT)
1617336-18	S04C (Skim Coat)	1617336-44	S09B (VFT)
1617336-19	S04A (Grey Plaster)	1617336-45	S09C (VFT)
1617336-20	S04B (Grey Plaster)	1617336-46	S09A (Mastic)
1617336-21	S04C (Grey Plaster)	1617336-47	S09B (Mastic)
1617336-22	S05A	1617336-48	S09C (Mastic)
1617336-23	S05B	1617336-49	S10A
1617336-24	S05C	1617336-50	S10B
1617336-25	S06A (VSF)	1617336-51	S10C
1617336-26	S06B (VSF)	1617336-52	S11A

Approved By:



Emma Diaz
Senior Analyst

Certificate of Analysis

Report Date: 27-Apr-2016

Client: **MTE Consultants Inc. (Kitchener)**

Order Date: 21-Apr-2016

Client PO:

Project Description: **Stratford General Hospital 36672-101**

1617336-53	S11B
1617336-54	S11C
1617336-55	S12A (VFT)
1617336-56	S12B (VFT)
1617336-57	S12C (VFT)
1617336-58	S12A (Mastic)
1617336-59	S12B (Mastic)
1617336-60	S12C (Mastic)

Certificate of Analysis

Report Date: 27-Apr-2016

Client: MTE Consultants Inc. (Kitchener)

Order Date: 21-Apr-2016

Client PO:

Project Description: Stratford General Hospital 36672-101

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

Parcel I.D.	Sample Date	Layers Analyzed	Colour	Description	Asbestos Detected:	Material Identification	% Content
1617336-01	14-Apr-16	sample homogenized	Grey	Magblock	No	Client ID: S01A [AS-PRE]	
						Cellulose	30
						MMVF	0.86
						Non-Fibers	69.14
1617336-02	14-Apr-16	sample homogenized	Grey	Magblock	No	Client ID: S01B [AS-PRE]	
						Cellulose	30
						MMVF	0.85
						Non-Fibers	69.15
1617336-03	14-Apr-16	sample homogenized	Grey	Magblock	No	Client ID: S01C [AS-PRE]	
						Cellulose	30
						MMVF	0.85
						Non-Fibers	69.15
1617336-04	14-Apr-16	sample homogenized	Grey	Magblock	Yes	Client ID: S02A	
						Chrysotile	65
						Non-Fibers	35
1617336-05	14-Apr-16					Client ID: S02B	
						not analyzed	
1617336-06	14-Apr-16					Client ID: S02C	
						not analyzed	
1617336-07	14-Apr-16	sample homogenized	eige/Grey/Orangyl Sheet Flooring/Backing/Mas		Yes	Client ID: S03A (VSF)	
						Chrysotile	30
						Cellulose	5
						[Z-01] Non-Fibers	65
1617336-08	14-Apr-16					Client ID: S03B (VSF)	
						[Z-01] not analyzed	
1617336-09	14-Apr-16					Client ID: S03C (VSF)	
						[Z-01] not analyzed	
1617336-10	14-Apr-16					Client ID: S03A (Backing)	
						not analyzed	
1617336-11	14-Apr-16					Client ID: S03B (Backing)	
						not analyzed	
1617336-12	14-Apr-16					Client ID: S03C (Backing)	
						not analyzed	
1617336-13	14-Apr-16					Client ID: S03A (Orange Mastic)	
						not analyzed	

Certificate of Analysis
 Client: MTE Consultants Inc. (Kitchener)
 Client PO:

Report Date: 27-Apr-2016
 Order Date: 21-Apr-2016

Project Description: Stratford General Hospital 36672-101

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

Paracel I.D.	Sample Date	Layers Analyzed	Colour	Description	Asbestos Detected:	Material Identification	% Content
1617336-14	14-Apr-16					Client ID: S03B (Orange Mastic) not analyzed	
1617336-15	14-Apr-16					Client ID: S03C (Orange Mastic) not analyzed	
1617336-16	14-Apr-16	sample homogenized	White	Skim Coat	No	Client ID: S04A (Skim Coat) Non-Fibers	100
1617336-17	14-Apr-16	sample homogenized	White	Skim Coat	No	Client ID: S04B (Skim Coat) Non-Fibers	100
1617336-18	14-Apr-16	sample homogenized	White	Skim Coat	No	Client ID: S04C (Skim Coat) Non-Fibers	100
1617336-19	14-Apr-16	sample homogenized	Grey	Plaster	No	Client ID: S04A (Grey Plaster) Non-Fibers	100
1617336-20	14-Apr-16	sample homogenized	Grey	Plaster	No	Client ID: S04B (Grey Plaster) Non-Fibers	100
1617336-21	14-Apr-16	sample homogenized	Grey	Plaster	No	Client ID: S04C (Grey Plaster) Non-Fibers	100
1617336-22	14-Apr-16	sample homogenized	Beige	Pipe Insulation	No	Client ID: S05A [AS-PRE] Cellulose MMVF Non-Fibers	35 0.87 64.13
1617336-23	14-Apr-16	sample homogenized	Beige	Pipe Insulation	No	Client ID: S05B [AS-PRE] Cellulose MMVF Non-Fibers	35 0.75 64.25
1617336-24	14-Apr-16	sample homogenized	Beige	Pipe Insulation	No	Client ID: S05C [AS-PRE] Cellulose MMVF Non-Fibers	35 0.8 64.2
1617336-25	14-Apr-16	sample homogenized	Pink/Grey	Vinyl Sheet Flooring/Backing	No	Client ID: S06A (VSF) [AS-PRE] Cellulose MMVF [Z-01]Non-Fibers	15 0.62 84.38

Certificate of Analysis
 Client: **MTE Consultants Inc. (Kitchener)**
 Client PO:

Report Date: 27-Apr-2016
 Order Date: 21-Apr-2016

Project Description: **Stratford General Hospital 36672-101**

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

Paracel I.D.	Sample Date	Layers Analyzed	Colour	Description	Asbestos Detected:	Material Identification	% Content
1617336-26	14-Apr-16	sample homogenized	Pink/Grey	Vinyl Sheet Flooring/Backing	No	Client ID: S06B (VSF) [AS-PRE] Cellulose	15
						MMVF	0.61
						[Z-01]Non-Fibers	84.39
1617336-27	14-Apr-16	sample homogenized	Pink/Grey	Vinyl Sheet Flooring/Backing	No	Client ID: S06C (VSF) [AS-PRE] Cellulose	15
						MMVF	0.63
						[Z-01]Non-Fibers	84.37
1617336-28	14-Apr-16					Client ID: S06A (Backing) not analyzed	
1617336-29	14-Apr-16					Client ID: S06B (Backing) not analyzed	
1617336-30	14-Apr-16					Client ID: S06C (Backing) not analyzed	
1617336-31	14-Apr-16	sample homogenized	Green/Grey	Vinyl Sheet Flooring/Backing	No	Client ID: S07A (VSF) [AS-PRE] Cellulose	10
						[Z-01]Non-Fibers	90
1617336-32	14-Apr-16	sample homogenized	Green/Grey	Vinyl Sheet Flooring/Backing	No	Client ID: S07B (VSF) [AS-PRE] Cellulose	10
						[Z-01]Non-Fibers	90
1617336-33	14-Apr-16	sample homogenized	Green/Grey	Vinyl Sheet Flooring/Backing	No	Client ID: S07C (VSF) [AS-PRE] Cellulose	10
						[Z-01]Non-Fibers	90
1617336-34	14-Apr-16					Client ID: S07A (Backing) not analyzed	
1617336-35	14-Apr-16					Client ID: S07B (Backing) not analyzed	
1617336-36	14-Apr-16					Client ID: S07C (Backing) not analyzed	
1617336-37	14-Apr-16	sample homogenized	Beige	Vinyl Sheet Flooring	No	Client ID: S08A (VSF) [AS-PRE] Non-Fibers	100
1617336-38	14-Apr-16	sample homogenized	Beige	Vinyl Sheet Flooring	No	Client ID: S08B (VSF) [AS-PRE] Non-Fibers	100
1617336-39	14-Apr-16	sample homogenized	Beige	Vinyl Sheet Flooring	No	Client ID: S08C (VSF) [AS-PRE] Non-Fibers	100

Certificate of Analysis
Client: **MTE Consultants Inc. (Kitchener)**
Client PO:

Report Date: 27-Apr-2016
Order Date: 21-Apr-2016

Project Description: **Stratford General Hospital 36672-101**

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

Paracel I.D.	Sample Date	Layers Analyzed	Colour	Description	Asbestos Detected:	Material Identification	% Content
1617336-40	14-Apr-16	sample homogenized	Grey	Levelling Compound	No	Client ID: S08A (Backing or Leveling Compound) [AS-PRE] Non-Fibers	100
1617336-41	14-Apr-16	sample homogenized	Grey	Levelling Compound	No	Client ID: S08B (Backing or Leveling Compound) [AS-PRE] Non-Fibers	100
1617336-42	14-Apr-16	sample homogenized	Grey	Levelling Compound	No	Client ID: S08C (Backing or Leveling Compound) [AS-PRE] Non-Fibers	100
1617336-43	14-Apr-16	sample homogenized	eige/Brown/Whit	Vinyl Floor Tile	Yes	Client ID: S09A (VFT) [AS-PRE] Chrysotile Non-Fibers	0.74 99.26
1617336-44	14-Apr-16					Client ID: S09B (VFT) not analyzed	
1617336-45	14-Apr-16					Client ID: S09C (VFT) not analyzed	
1617336-46	14-Apr-16					Client ID: S09A (Mastic) [Z-01a]not analyzed	
1617336-47	14-Apr-16					Client ID: S09B (Mastic) [Z-01b]not analyzed	
1617336-48	14-Apr-16					Client ID: S09C (Mastic) [Z-01b]not analyzed	
1617336-49	14-Apr-16	sample homogenized	Beige/Grey	Vinyl Floor Tile	Yes	Client ID: S10A [AS-PRE] Chrysotile Non-Fibers	0.76 99.24
1617336-50	14-Apr-16					Client ID: S10B not analyzed	
1617336-51	14-Apr-16					Client ID: S10C not analyzed	
1617336-52	14-Apr-16	sample homogenized	Grey	Ceiling Tile	No	Client ID: S11A [AS-PRE] Cellulose MMVF Non-Fibers	10 70 20
1617336-53	14-Apr-16	sample homogenized	Grey	Ceiling Tile	No	Client ID: S11B [AS-PRE] Cellulose MMVF Non-Fibers	10 70 20

Certificate of Analysis
 Client: MTE Consultants Inc. (Kitchener)
 Client PO:

Report Date: 27-Apr-2016
 Order Date: 21-Apr-2016

Project Description: Stratford General Hospital 36672-101

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

Parcel I.D.	Sample Date	Layers Analyzed	Colour	Description	Asbestos Detected:	Material Identification	% Content
1617336-54	14-Apr-16	sample homogenized	Grey	Ceiling Tile	No	Client ID: S11C [AS-PRE] Cellulose	10
						MMVF	70
						Non-Fibers	20
1617336-55	14-Apr-16	sample homogenized	Yellow/White	Vinyl Floor Tile	Yes	Client ID: S12A (VFT) [AS-PRE] Chrysotile	0.76
						Non-Fibers	99.24
1617336-56	14-Apr-16					Client ID: S12B (VFT) not analyzed	
1617336-57	14-Apr-16					Client ID: S12C (VFT) not analyzed	
1617336-58	14-Apr-16	sample homogenized	Black	Mastic	No	Client ID: S12A (Mastic) [AS-PRE] Non-Fibers	100
1617336-59	14-Apr-16					Client ID: S12B (Mastic) [Z-01c]not analyzed	
1617336-60	14-Apr-16					Client ID: S12C (Mastic) [Z-01c]not analyzed	

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

** Analytes in bold indicate asbestos mineral content.

Analysis Summary Table

Analysis	Method Reference/Description	Lab Location	NVLAP Lab Code *	Analysis Date
Asbestos, PLM Visual Estimation	by EPA 600/R-93/116	Mississauga	200863-0	22-Apr-16

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

Certificate of Analysis

Report Date: 27-Apr-2016

Client: MTE Consultants Inc. (Kitchener)

Order Date: 21-Apr-2016

Client PO:

Project Description: Stratford General Hospital 36672-101

Qualifier Notes

Sample Qualifiers :

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

Z-01: Inseparable Layers

Z-01a: Insufficient Sample

Z-01b: Insufficient Sample

Z-01c: No Sample

Work Order Revisions / Comments

None



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Ottawa, Ontario K1G 4J8
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www.paracellabs.com

Chain of Custody
(Lab Use Only)

OTTAWA * KINGSTON * NIAGARA * MISSISSAUGA * SARNIA

Page 1 of 3

Client Name: MTE Consultants Inc	Project Reference: Stratford General Hospital	TAT: <input checked="" type="checkbox"/> Regular <input type="checkbox"/> 3 Day <input type="checkbox"/> 2 Day <input type="checkbox"/> 1 Day Date Required: _____
Contact Name: Aisling Dennett	Quote #: 36672-101	
Address: 520 Bingemans Centre Drive Kitchener, ON, N2B 3X9	PO #	
	Email Address: adennett@mte85.com psemeniuk@mte85.com	
Telephone: 519-743-6500		

ASBESTOS ANALYSIS

Matrix Type: A (Air) O (Other) Regulatory/Guideline Requirements: 278/05 Required Analyses: PCM PLM PLM 400PC PLM 1000PC Chatfield

Parcel Order Number: <u>1617336</u>		Matrix	Matrix Description	Sampling Date	Air Volume (L)	Positive Stop?	Is the Sample Layered?	If Yes, Describe Sample Layer(s) to be Analysed Separately
Sample ID								
1	Refer to Attached Table					<input type="checkbox"/>		
2						<input type="checkbox"/>		
3						<input type="checkbox"/>		
4						<input type="checkbox"/>		
5						<input type="checkbox"/>		
6						<input type="checkbox"/>		
7						<input type="checkbox"/>		
8						<input type="checkbox"/>		
9						<input type="checkbox"/>		
10						<input type="checkbox"/>		
11						<input type="checkbox"/>		
12						<input type="checkbox"/>		
13						<input type="checkbox"/>		
14						<input type="checkbox"/>		
15						<input type="checkbox"/>		

Comments: _____ Method of Delivery: PURCHASER

Relinquished By (Sign): <u>[Signature]</u>	Received by Driver/Depot:	Received at Lab: <u>[Signature]</u>	Verified By: <u>[Signature]</u>
Relinquished By (Print): Paul Semeniuk		Date/Time: <u>21-APR-16 8:50</u>	Date/Time: <u>21-APR-16 9:13</u>
Date/Time: April 20, 2016 12pm	Date/Time:		

1617336

Building	Sample No.	Location	Material – Description	Sample Date	Stop Positive	Layered ?	Layer Description
Avoncrest	S01A	Power Plant Basement	Magblock on Piping	April 14, 2016	Y	No	No
Avoncrest	S01B	Power Plant Basement	Magblock on Piping	April 14, 2016	Y	No	No
Avoncrest	S01C	Power Plant Basement	Magblock on Piping	April 14, 2016	Y	No	No
Avoncrest	S02A	Power Plant Basement	Magblock on Ducting/Boilers	April 14, 2016	Y	No	No
Avoncrest	S02B	Power Plant Basement	Magblock on Ducting/Boilers	April 14, 2016	Y	No	No
Avoncrest	S02C	Power Plant Basement	Magblock on Ducting/Boilers	April 14, 2016	Y	No	No
West Wing	S03A	Level 2 - W285	Beige Cobble Pattern Vinyl Sheet Flooring	April 14, 2016	Y	Yes	VSF, Backing, Orange Mastic
West Wing	S03B	Level 2 - W285	Beige Cobble Pattern Vinyl Sheet Flooring	April 14, 2016	Y	Yes	VSF, Backing, Orange Mastic
West Wing	S03C	Level 2 - W285	Beige Cobble Pattern Vinyl Sheet Flooring	April 14, 2016	Y	Yes	VSF, Backing, Orange Mastic
West Wing	S04A	Level 2 – W270	Plaster	April 14, 2016	N	Yes	Skim Coat and Grey Plaster
West Wing	S04B	Level 2 Corridor Outside W283	Plaster	April 14, 2016	N	Yes	Skim Coat and Grey Plaster
West Wing	S04C	Level 2 Corridor Outside W285	Plaster	April 14, 2016	N	Yes	Skim Coat and Grey Plaster
West Wing	S05A	Level 2 – W2S77	Pipe Fitting Insulation	April 14, 2016	Y	No	No
West Wing	S05B	Level 2 – W2S77	Pipe Fitting Insulation	April 14, 2016	Y	No	No
West Wing	S05C	Level 2 – W2S77	Pipe Fitting Insulation	April 14, 2016	Y	No	No
West Wing	S06A	Level 2 Corridor Outside W203	Pink Cobble Pattern Vinyl Sheet Flooring	April 14, 2016	Y	Yes	VSF, Backing
West Wing	S06B	Level 2 Corridor Outside W203	Pink Cobble Pattern Vinyl Sheet Flooring	April 14, 2016	Y	Yes	VSF, Backing
West Wing	S06C	Level 2 Corridor Outside W203	Pink Cobble Pattern Vinyl Sheet Flooring	April 14, 2016	Y	Yes	VSF, Backing
West Wing	S07A	Level 4 – W4-421	Green/Grey Streak Vinyl Sheet Flooring	April 14, 2016	Y	Yes	VSF, Backing

1617336

Building	Sample No.	Location	Material – Description	Sample Date	Stop Positive	Layered ?	Layer Description
West Wing	S07B	Level 4 – W4-421	Green/Grey Streak Vinyl Sheet Flooring	April 14, 2016	Y	Yes	VSF, Backing
West Wing	S07C	Level 4 – W4-421	Green/Grey Streak Vinyl Sheet Flooring	April 14, 2016	Y	Yes	VSF, Backing
West Wing	S08A	Level 1 – W1548	Light Beige Small Dot Vinyl Sheet Flooring	April 14, 2016	Y	Yes	VSF, Backing or Leveling Compound
West Wing	S08B	Level 1 – W1548	Light Beige Small Dot Vinyl Sheet Flooring	April 14, 2016	Y	Yes	VSF, Backing or Leveling Compound
West Wing	S08C	Level 1 – W1548	Light Beige Small Dot Vinyl Sheet Flooring	April 14, 2016	Y	Yes	VSF, Backing or Leveling Compound
Conestoga College	S09A	Room 45	12"x12" Beige with Brown/White Streak Vinyl Floor Tiles	April 14, 2016	Y	Yes	VFT, Mastic
Conestoga College	S09B	Room 45	12"x12" Beige with Brown/White Streak Vinyl Floor Tiles	April 14, 2016	Y	Yes	VFT, Mastic
Conestoga College	S09C	Room 45	12"x12" Beige with Brown/White Streak Vinyl Floor Tiles	April 14, 2016	Y	Yes	VFT, Mastic
Conestoga College	S10A	Corridor Outside Room 10	12"x12" Beige with Grey Streak Vinyl Floor Tiles	April 14, 2016	Y	No	No
Conestoga College	S10B	Corridor Outside Room 10	12"x12" Beige with Grey Streak Vinyl Floor Tiles	April 14, 2016	Y	No	No
Conestoga College	S10C	Corridor Outside Room 10	12"x12" Beige with Grey Streak Vinyl Floor Tiles	April 14, 2016	Y	No	No
Conestoga College	S11A	Room 11	1'x1' Long Fissure Ceiling Tile	April 14, 2016	Y	No	No
Conestoga College	S11B	Room 11	1'x1' Long Fissure Ceiling Tile	April 14, 2016	Y	No	No
Conestoga College	S11C	Room 11	1'x1' Long Fissure Ceiling Tile	April 14, 2016	Y	No	No
Residence	S12A	First Floor - Laundry	12"x12" Yellow with White Streak Vinyl Floor Tiles	April 14, 2016	Y	Yes	VFT, Mastic
Residence	S12B	First Floor - Laundry	12"x12" Yellow with White Streak Vinyl Floor Tiles	April 14, 2016	Y	Yes	VFT, Mastic
Residence	S12C	First Floor - Laundry	12"x12" Yellow with White Streak Vinyl Floor Tiles	April 14, 2016	Y	Yes	VFT, Mastic

Certificate of Analysis

MTE Consultants Inc. (Kitchener)

520 Bingham Centre Dr.
Kitchener, ON N2B 3X9
Attn: Aisling Dennett

Client PO:

Project: Stratford General Hospital 36672-101
Custody:

Report Date: 6-Jul-2016

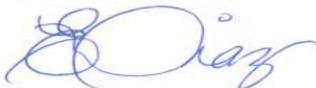
Order Date: 4-Jul-2016

Order #: 1628032

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

Parcel ID	Client ID	Parcel ID	Client ID
1628032-01	S01A - West Wing - W176 (VFT)	1628032-45	S09C - Avoncrest - 34B (VFT)
1628032-02	S01B - West Wing - W176 (VFT)	1628032-46	S09A - Avoncrest - 34B (Mastic)
1628032-03	S01C - West Wing - W176 (VFT)	1628032-47	S09B - Avoncrest - 34B (Mastic)
1628032-07	S02A - West Wing - W2-406A Pipe Shaft	1628032-48	S09C - Avoncrest - 34B (Mastic)
1628032-08	S02B - West Wing - W2-406A Pipe Shaft	1628032-49	S10A - Avoncrest - 353 (VSF/Backing)
1628032-09	S02C - West Wing - W2-406A Pipe Shaft	1628032-50	S10B - Avoncrest - 353 (VSF/Backing)
1628032-10	S03A - West Wing - W183A (Sampling)	1628032-51	S10C - Avoncrest - 353 (VSF/Backing)
1628032-11	S03B - West Wing - W183A (Sampling)	1628032-55	S11A - Centennial Apartments (VFT)
1628032-12	S03C - West Wing - W183A (Sampling)	1628032-56	S11B - Centennial Apartments (VFT)
1628032-13	S04A - West Wing - W488 (VSF/Backing)	1628032-57	S11C - Centennial Apartments (VFT)
1628032-14	S04B - West Wing - W488 (VSF/Backing)		
1628032-15	S04C - West Wing - W488 (VSF/Backing)		
1628032-19	S05A - West Wing - W487		
1628032-20	S05B - West Wing - W487		
1628032-21	S05C - West Wing - W487		
1628032-25	S06A - West Wing - W485		
1628032-26	S06B - West Wing - W485		
1628032-27	S06C - West Wing - W485		
1628032-31	S07A - West Wing - W447		
1628032-32	S07B - West Wing - W447		
1628032-33	S07C - West Wing - W447		
1628032-37	S08A - Avoncrest - 2nd Floor Elevator		
1628032-38	S08B - Avoncrest - 2nd Floor Elevator		
1628032-39	S08C - Avoncrest - 2nd Floor Elevator		
1628032-43	S09A - Avoncrest - 34B (VFT)		
1628032-44	S09B - Avoncrest - 34B (VFT)		

Approved By:



Emma Diaz
Senior Analyst

Certificate of Analysis

Report Date: 06-Jul-2016

Client: MTE Consultants Inc. (Kitchener)

Order Date: 4-Jul-2016

Client PO:

Project Description: Stratford General Hospital 36672-101

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

Parcel I.D.	Sample Date	Layers Analyzed	Colour	Description	Asbestos Detected:	Material Identification	% Content
1628032-01	14-Jun-16	sample homogenized	Black/White	Vinyl Floor Tile	No	Client ID: S01A - West Wing - W176 (VFT) [AS-PRE] Non-Fibers	100
1628032-02	14-Jun-16	sample homogenized	Black/White	Vinyl Floor Tile	No	Client ID: S01B - West Wing - W176 (VFT) [AS-PRE] Non-Fibers	100
1628032-03	14-Jun-16	sample homogenized	Black/White	Vinyl Floor Tile	No	Client ID: S01C - West Wing - W176 (VFT) [AS-PRE] Non-Fibers	100
1628032-07	14-Jun-16	sample homogenized	Brown	Insulation	No	Client ID: S02A - West Wing - W2-406A Pipe Shaft [AS-PRE] Cellulose MMVF Non-Fibers	85 <MDL 15
1628032-08	14-Jun-16	sample homogenized	Brown	Insulation	No	Client ID: S02B - West Wing - W2-406A Pipe Shaft [AS-PRE] Cellulose MMVF Non-Fibers	85 <MDL 15
1628032-09	14-Jun-16	sample homogenized	Brown	Insulation	No	Client ID: S02C - West Wing - W2-406A Pipe Shaft [AS-PRE] Cellulose MMVF Non-Fibers	85 <MDL 15
1628032-10	14-Jun-16	sample homogenized	Beige	Vinyl Sheet Flooring	Yes	Client ID: S03A - West Wing - W183A (Sampling leveling compound) [AS-PRE] Chrysotile Cellulose Non-Fibers	15 1 85
1628032-11	14-Jun-16					Client ID: S03B - West Wing - W183A (Sampling leveling compound) [AS-PRE] not analyzed	
1628032-12	14-Jun-16					Client ID: S03C - West Wing - W183A (Sampling leveling compound) [AS-PRE] not analyzed	
1628032-13	14-Jun-16	sample homogenized	White	Vinyl Sheet Flooring	Yes	Client ID: S04A - West Wing - W488 (VSF/Backing) [AS-PRE] Chrysotile Non-Fibers	20 80
1628032-14	14-Jun-16					Client ID: S04B - West Wing - W488 (VSF/Backing) [AS-PRE] not analyzed	
1628032-15	14-Jun-16					Client ID: S04C - West Wing - W488 (VSF/Backing) [AS-PRE] not analyzed	

Certificate of Analysis

Report Date: 06-Jul-2016

Client: MTE Consultants Inc. (Kitchener)

Order Date: 4-Jul-2016

Client PO:

Project Description: Stratford General Hospital 36672-101

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

Parcel I.D.	Sample Date	Layers Analyzed	Colour	Description	Asbestos Detected:	Material Identification	% Content
1628032-19	14-Jun-16	sample homogenized	Yellow	Vinyl Sheet Flooring	Yes	Client ID: S05A - West Wing - W487 (VSF/Backing) Chrysotile	15
						Cellulose	1
						Non-Fibers	84
1628032-20	14-Jun-16					Client ID: S05B - West Wing - W487 (VSF/Backing) not analyzed	
1628032-21	14-Jun-16					Client ID: S05C - West Wing - W487 (VSF/Backing) not analyzed	
1628032-25	14-Jun-16	sample homogenized	Blue	Vinyl Sheet Flooring	Yes	Client ID: S06A - West Wing - W485 (VSF/Backing) [AS-PRE] Chrysotile	0.7
						Non-Fibers	99.3
1628032-26	14-Jun-16					Client ID: S06B - West Wing - W485 (VSF/Backing) not analyzed	
1628032-27	14-Jun-16					Client ID: S06C - West Wing - W485 (VSF/Backing) not analyzed	
1628032-31	14-Jun-16	sample homogenized	Beige	Vinyl Sheet Flooring	No	Client ID: S07A - West Wing - W447 (VSF/Backing) [AS-PRE] Cellulose	1
						MMVF	6.31
						Non-Fibers	92.69
1628032-32	14-Jun-16	sample homogenized	Beige	Vinyl Sheet Flooring	No	Client ID: S07B - West Wing - W447 (VSF/Backing) [AS-PRE] Cellulose	1
						MMVF	5.89
						Non-Fibers	93.11
1628032-33	14-Jun-16	sample homogenized	Beige	Vinyl Sheet Flooring	No	Client ID: S07C - West Wing - W447 (VSF/Backing) [AS-PRE] Cellulose	1
						MMVF	6.04
						Non-Fibers	92.96
1628032-37	14-Jun-16	sample homogenized	Blue/White	Vinyl Floor Tile	Yes	Client ID: S08A - Avoncrest - 2nd Floor Elevator Storage (VFT) [AS-PRE] Chrysotile	2.18
						Non-Fibers	97.82
1628032-38	14-Jun-16					Client ID: S08B - Avoncrest - 2nd Floor Elevator Storage (VFT) not analyzed	
1628032-39	14-Jun-16					Client ID: S08C - Avoncrest - 2nd Floor Elevator Storage (VFT) not analyzed	

Certificate of Analysis

Report Date: 06-Jul-2016

Client: MTE Consultants Inc. (Kitchener)

Order Date: 4-Jul-2016

Client PO:

Project Description: Stratford General Hospital 36672-101

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

Parcel I.D.	Sample Date	Layers Analyzed	Colour	Description	Asbestos Detected:	Material Identification	% Content
1628032-43	14-Jun-16	sample homogenized	Grey/Red/Whit	Vinyl Floor Tile	Yes	Client ID: S09A - Avoncrest - 34B (VFT) [AS-PRE] Chrysotile Non-Fibers	6.8 93.2
1628032-44	14-Jun-16					Client ID: S09B - Avoncrest - 34B (VFT) not analyzed	
1628032-45	14-Jun-16					Client ID: S09C - Avoncrest - 34B (VFT) not analyzed	
1628032-46	14-Jun-16	sample homogenized	Black	Mastic	Yes	Client ID: S09A - Avoncrest - 34B (Mastic) [AS-PRE] [ASTrc] Chrysotile Non-Fibers	<MDL 100
1628032-47	14-Jun-16					Client ID: S09B - Avoncrest - 34B (Mastic) [Z-01] not analyzed	
1628032-48	14-Jun-16					Client ID: S09C - Avoncrest - 34B (Mastic) [Z-01] not analyzed	
1628032-49	14-Jun-16	sample homogenized	Red	Vinyl Sheet Flooring	Yes	Client ID: S10A - Avoncrest - 353 (VSF/Backing) [AS-PRE] Chrysotile Cellulose Non-Fibers	20 1 79
1628032-50	14-Jun-16					Client ID: S10B - Avoncrest - 353 (VSF/Backing) not analyzed	
1628032-51	14-Jun-16					Client ID: S10C - Avoncrest - 353 (VSF/Backing) not analyzed	
1628032-55	14-Jun-16	sample homogenized	Tan/Brown	Vinyl Floor Tile	Yes	Client ID: S11A - Centennial Apartments (VFT) [AS-PRE] Chrysotile Non-Fibers	0.79 99.21
1628032-56	14-Jun-16					Client ID: S11B - Centennial Apartments (VFT) not analyzed	
1628032-57	14-Jun-16					Client ID: S11C - Centennial Apartments (VFT) not analyzed	

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

** Analytes in bold indicate asbestos mineral content.

Certificate of Analysis

Report Date: 06-Jul-2016

Client: MTE Consultants Inc. (Kitchener)

Order Date: 4-Jul-2016

Client PO:

Project Description: Stratford General Hospital 36672-101

Analysis Summary Table

Analysis	Method Reference/Description	Lab Location	NVLAP Lab Code *	Analysis Date
Asbestos, PLM Visual Estimation	by EPA 600/R-93/116	Mississauga	200863-0	6-Jul-16

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

Qualifier Notes

Sample Qualifiers :

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

ASTrc: Trace asbestos was observed below the noted detection limit but could not be accurately quantified.

Work Order Revisions / Comments

None



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

Chain of Custody
(Lab Use Only)

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Page 1 of 1

Client Name: MTE Consultants Inc	Project Reference: Stratford General Hospital	TAT: <input checked="" type="checkbox"/> Regular <input type="checkbox"/> 3 Day <input type="checkbox"/> 2 Day <input type="checkbox"/> 1 Day Date Required: _____
Contact Name: Aisling Dennett	Quote #: 36672-101 <i>PS07</i>	
Address: 520 Bingemans Centre Drive Kitchener, ON, N2B 3X9	PO #	
	Email Address: adennett@mte85.com psemeniu@mte85.com	
Telephone: 519-743-6500		

ASBESTOS ANALYSIS

Matrix Type: **A** (Air) **O** (Other) Regulatory/Guideline Requirements: 278/05 Required Analyses: PCM PLM PLM 400PC PLM 1000PC Chatfield

Parcel Order Number: <i>1628032</i>		Matrix	Matrix Description	Sampling Date	Air Volume (L)	Positive Stop?	Is the Sample Layered?	If Yes, Describe Sample Layer(s) to be Analysed Separately
Sample ID								
1	S01ABC - West Wing - W176		9'x9" Black with White Fleck VFT	June 14, 2016	-	<input checked="" type="checkbox"/>	Yes	VFT and Mastic
2	S02ABC - West Wing - W2-406A Pipe Shaft		Cardboard/Paper Insulation	June 14, 2016	-	<input checked="" type="checkbox"/>	No	-
3	S03ABC - West Wing - W183A		Beige Pebble Pattern VSF Leveling Compound	June 14, 2016	-	<input checked="" type="checkbox"/>	No	Sample leveling compound only
4	S04ABC - West Wing - W488		White Pebble VSF	June 14, 2016	-	<input checked="" type="checkbox"/>	Yes	VSF and Backing
5	S05ABC - West Wing - W487		Yellow Pebble VSF	June 14, 2016	-	<input checked="" type="checkbox"/>	Yes	VSF and Backing
6	S06ABC - West Wing - W485		Blue VSF	June 14, 2016	-	<input checked="" type="checkbox"/>	Yes	VSF and Backing
7	S07ABC - West Wing - W447		Small Beige Pebble VSF	June 14, 2016	-	<input checked="" type="checkbox"/>	Yes	VSF and Backing
8	S08ABC - Avoncrest - 2nd Floor Elevator Storage		9'x9" Blue with White Streak VFT	June 14, 2016	-	<input checked="" type="checkbox"/>	Yes	VFT and Mastic
9	S09ABC - Avoncrest - 348		9'x9" Dark Gray with White/Red Streak VFT	June 14, 2016	-	<input checked="" type="checkbox"/>	Yes	VFT and Mastic
10	S10ABC - Avoncrest - 353		Red Pebble VSF	June 14, 2016	-	<input checked="" type="checkbox"/>	Yes	VSF and Backing
11	S11ABC - Centennial Apartments		12'x12" Tan with Brown Streak VFT	June 14, 2016	-	<input checked="" type="checkbox"/>	Yes	VFT and Mastic
12						<input type="checkbox"/>		
13						<input type="checkbox"/>		
14						<input type="checkbox"/>		
15						<input type="checkbox"/>		

Comments: _____ Method of Delivery: *PUROLATOR*

Relinquished By (Sign): <i>[Signature]</i>	Received by Driver/Depot:	Received at Lab: <i>[Signature]</i>	Verified By: <i>[Signature]</i>
Relinquished By (Print): Paul Semeniuk	Date/Time: <i>June 30, 2016 12pm</i>	Date/Time: <i>04-JUL-16 9:31</i>	Date/Time: <i>04 July 16 12:22</i>