



**Purchasing and  
Central Services**

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**Addendum #1**

**Tender #24147– CURTAIN WALL REPLACEMENT, MECHANICAL AND FINISH  
UPGRADES TO E.L. CROSSLEY SECONDARY SCHOOL**

**Issue Date: Wednesday, March 20, 2024**

**Closing date: Thursday, April 11, 2024**

*Page 1 of 183*

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This addendum hereby amends and forms part of the original request for tender terms, conditions and specifications for the above project.

- Asbestos Reports attached ( 182 pages).

**END OF ADDENDUM #1**

126 Lake Street

St. Catharines, ON

L2R 5Y1

# *Asbestos Assessment*

*within  
E.L. Crossley Secondary School  
350 Highway 20  
Fonthill, Ontario  
LOS 1E0*



*Provided to: Bert Poort  
District School Board of Niagara  
191 Carlton Street  
St. Catharines, Ontario  
L2R 7P4*

*Dated : December 5, 2006*

*Project #: 1011-2433-OEAB-06*



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# Project Fact Sheet

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Project Title: E.L Crossley Secondary School  
350 Highway 20  
Fonthill, Ontario  
L0S 1E0

Asbestos Assessment  
March / August / September 2006

Report Provided to: District School Board of Niagara  
191 Carlton Street  
St. Catharines, ON L2R 7P4

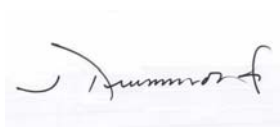
Representative: Bert Poort  
Facility Renewal Administrator

Consulting Firm: Ontario Environmental and Safety Network  
126 Lake Street,  
St. Catharines, ON  
Canada  
L2R 5Y1

Project Number: 1011-2433-OEAB-06

Report Submission Date: December 5, 2006

Report Distribution: DSBN - two (2) copies  
OESN Ltd. - one (1) copy



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Jeff Drummond  
Project Manager



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Jennifer Lannan  
Field Representative



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Field Representative

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# Introduction

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## Section 1 Introduction

### 1.1 Executive Summary

In March, August and September 2006, Ontario Environmental & Safety Network Ltd. (OESN Ltd.) conducted inspections at **E.L Crossley Secondary School** to identify, locate and evaluate the condition of construction materials suspected of containing asbestos minerals. A thorough examination of the high school was conducted, including visual inspections; bulk sampling and analytical testing of construction materials.

The assessment provides District School Board of Niagara (DSBN) with a building examination report that complies with building "owners" provincial legal requirements for asbestos control stated in **Ontario Regulation 278/05, *Designated Substance – Asbestos on Construction Projects and in Buildings and Repair Operations – made under the Occupational Health and Safety Act.***

Analytical results determined **fifty (50)** of one hundred and forty-five (145) materials sampled from the library, mechanical rooms, corridors, custodial rooms, classrooms, offices, lounges, change rooms and pipe chases contain asbestos. The following materials represent a summary of materials containing asbestos:

1. Floor Tile
2. Drywall Joint Compound and Caulking
3. Plaster (Ceiling)
4. Cement Compound on Pipe Fittings
5. Cement Packing on the Ventilation Insulation
6. Foil Faced Gaskets (Light Fixtures)
7. Cloth (Boiler Gasket)
8. Cloth (Clay Pottery Kiln Mitts)
9. Cement Board and Paneling (tradename: transite)
10. Millboard
11. Paper and Cloth Material (Pipe Insulation)
12. Vermiculite Insulation

Findings of the assessment concluded the majority of materials containing asbestos are in original condition. However, maintenance work and time have led to material damage in certain locations and some repairs are required.

Recommendations are provided in **Section 5** detailing measures required to monitor or repair damaged or deteriorating asbestos materials.

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## Background

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## Section 2 Background

### 2.1 Definition

Asbestos refers to a family of naturally occurring fibrous silicate minerals that have been mined and produced into man-made products dating back thousands of years. The term “asbestos” is of Greek origin meaning “inextinguishable”. Asbestos minerals are composed of silky, flexible and durable fibres with heat, cold and chemical resistant properties.

Asbestos minerals are divided into two groups: **serpentine** and **amphiboles**. Within the two groups, six types of asbestos were used extensively in construction and building materials amongst industrial developing countries from 1930 – 1980. The six most common types of asbestos are **chrysotile, actinolite, amosite, anthophyllite, crocidolite and tremolite**. Each type of asbestos has different chemical compositions and morphologies. Asbestos minerals may have a “fluffy” appearance and may vary in color from white, grey, blue, brown, green or yellow (Occupational Safety and Health Guidelines for asbestos 1988).

### 2.2 Asbestos Legacy

The properties of asbestos minerals resulted in raw materials being extensively used as an ingredient in many construction and building materials. Materials containing asbestos were used for fire prevention, thermal insulation and decorative and reinforcing finishes (floor/ceiling materials). The U.S. Environmental Protection Agency estimated that in the United States, as many as 733 000 schools and public buildings contained some form of asbestos insulation (Early et al. 1998). Use in Canada is relative to the American experience where popularity and use of the material coincides with the large post World War II demographic growth period. Many industrial, institutional and governmental buildings built between 1945 and 1970 in Canada were heated with boiler driven mechanical systems providing steam heating. Most of the construction specification design at this time included for the application of thermal materials containing asbestos during manufacturing and install.



Health concerns over exposure to asbestos date back to as early as 1924 when a relationship between occupational exposure and pulmonary fibrosis (or commonly called asbestosis) was established (Carton and Kauffer 1980) but for business and political reasons it took another 50 years before the mineral was acknowledged to be a carcinogen. In 1973, the spray application of asbestos insulation ceased when laws were introduced under the Ontario Construction Safety Act. In addition, in 1973, the major Ontario suppliers of pipe insulation and boiler insulation stopped using asbestos in their products. Although the use of all asbestos was outlawed by most westernized building countries by the late 1970s, its historical use, particularly as an insulating material, means that it continues to pose a potential respiratory hazard and during management issue during the operation, maintenance, alteration and demolition of buildings built prior to 1986.

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## Standards and Regulations

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## Section 3 Standards and Regulations

### 3.1 Ontario Regulation 837/90 as amended by O. Reg. 279/05 – Designated Substance - Asbestos

Occupational exposure and designation of asbestos as a designated substance falls under the Regulation Respecting Asbestos under the *Designated Substances Act R.R.O. 1990. Regulation 837 amended to O. Reg 279/05*. Under R.R.O. 837/90 amended to 279/05, states that an owner is legally required to operate in accordance with the laws contained within the Act as per Section 3(l)(c) and subsection (i)

Section 3 states:

*This Regulation applies,*

*(a) to every employer operating a mine or mining plant for the purpose of mining, crushing, grinding or sifting asbestos and to those workers of such an employer who are likely to inhale or ingest asbestos;*

*(b) to every employer processing, adapting or using asbestos in connection with the manufacturing or assembling of goods or products and to those workers of such an employer who are likely to inhale or ingest asbestos; and*

*(c) to every employer,*

*(i) engaged in the repair, alteration or maintenance of machinery, equipment, aircraft, ships, locomotives, railway cars and vehicles and to those workers of such an employer who are likely to inhale or ingest asbestos, or*

*(ii) engaged in work on a building that is necessarily incidental to the repair, alteration or maintenance of machinery or equipment and to those workers of such an employer who are likely to inhale or ingest asbestos,*

*if the employer has, on or before the 16th day of December, 1985, put into effect and maintained measures and procedures to control the exposure of workers to asbestos and has incorporated the measures and procedures in an asbestos control program in accordance with this Regulation. R.R.O. 1990, Reg. 837, s. 3 (1).*

Under O. Reg. 837/90, amended to 279/05 Section 4, the owner is required to “take all necessary measures and procedures by means of engineering controls, work practices and hygiene practices” to ensure that workers are not exposed or “reduced to the lowest practical level” of exposure to asbestos.

It is with respect to Section 3 and 4 that the impetus for this assessment is founded. Further, it is in accordance with Section 3 and 4 that the information provided in this assessment works towards compliance.

### **3.2 Ontario Regulation 278/05 – Regulation respecting Asbestos on Construction Projects and in Buildings and Repair Operations**

This regulation applies to the use and control of asbestos in buildings such that alteration, repair, demolition and maintenance of asbestos must be managed in a safe manner.

### **3.3 Regulation Application**

*Ontario Regulation 278/05* applies “where material containing asbestos is likely to be handled, dealt with, disturbed or removed.” More specifically, it applies to projects, buildings and work on machinery, equipment, aircraft, ships, locomotives, railway cars and other vehicles. It applies to building and project owners, to contractors on a project and to employers and workers engaged in various types of work with asbestos.

**Projects:** Construction projects at which ACM may be handled include new construction, demolition projects and renovation and repair work to building or other structure. On demolition projects, ACM that are no longer used in new construction will be removed. Of major concern is sprayed—on insulation and fireproofing, and pipe and boiler insulation. The regulation requires such materials to be removed from a building or structure before it is demolished. Renovation and repair work is similar to demolition with respect to the ACM that may be encountered.

**Buildings:** *Ontario Regulation 278/05 Designated Substance - Asbestos on Construction Projects and in Buildings and Repair Operations* applies to buildings in a number of ways. If there is a project in a building or if a building is being demolished, the regulation would apply because it applies to projects. The regulation also applies to the repair alteration or maintenance of a building where such work is not a

project. Buildings that contain asbestos fireproofing or insulation are covered by the regulation even when no work is being done to them (refer to Figure 2).

In section 1, "building" is defined as any structure, vault, chamber or tunnel including, without limitation, the electrical, plumbing, heating and air handling equipment (including rigid duct work) of the structure, vault, chamber or tunnel. This would include residential, office, factory and mine buildings and their plumbing, electrical, heating and ventilation systems. This means that if work is being done on the electrical system, the installation of a light, for example, it would be interpreted as an alteration to the building and, if asbestos were to be agitated, the regulation would apply.

The regulation applies to the owners of buildings to which the regulation applies and to every employer and worker in such buildings who may have to handle ACM. It is important to note that the term "owner", as defined by the Occupational Health and Safety Act, includes tenants. In section 9 of the regulation, specific duties are prescribed for tenants; the duties of an owner under section 7 may also become the responsibility of a tenant, where a tenant arranges for work to be done in the building.

#### **Equipment, Machinery, Aircraft, Ships, Locomotives, Railway Cars and Vehicles:**

The regulation applies to the repair, alteration, maintenance and demolition of machinery, equipment and ships. Since the regulation also applies to repair, alteration and maintenance of a building and since "building" is defined as including electrical, plumbing, heating and air handling "equipment", the question could be asked: When is repair of equipment considered repair of a building and when is it not? In most cases, a distinction can be easily made. Equipment used to provide an essential service to a building is considered part of the building; equipment that is part of an industrial process is not. If, however, the equipment is used for both purposes, then the equipment is to be considered as part of the building.

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## Asbestos Results And Material Identification

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## Section 4 – Asbestos Results and Material Information

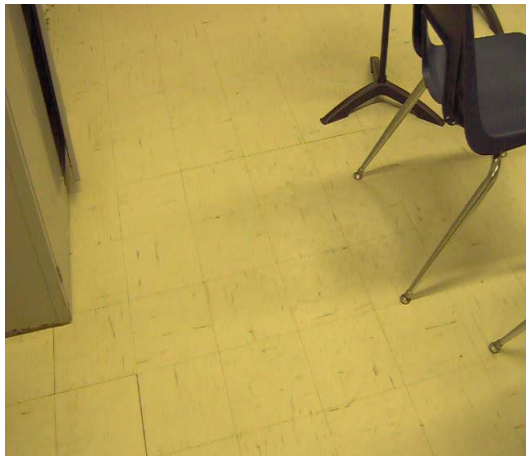
### 4.1 Assessment Overview

Materials suspected of containing asbestos were sampled throughout E.L Crossley Secondary School during the asbestos assessment. The breakdown of each material is categorized by mechanical or structural system.

### 4.2 Material Description

Asbestos was detected in fifty (50) of one hundred and forty-five (145) materials sampled by OESN Ltd. and identified within E.L Crossley Secondary School. The ACM has been grouped as to similar composition, system and general appearance and is described below:

#### 4.2.1 Floor Material



##### Floor Tile – 9" x 9" beige with brown streak:

This floor tile was sampled and identified in the basement Art Room (63-B005). The floor tile is a non-friable product that is found in numerous rooms throughout the school. This floor material is generally in good condition, however some rooms portray damage.

This floor tile and mastic were both identified as containing 2% chrysotile asbestos.

##### 1963 Section



##### Floor Tile – 9" x 9" beige with green and black streak

This floor tile was sampled in the Photocopier / Supply Room on the first floor (63-1015). The floor tile is non-friable and is in found throughout the school in good condition.

This floor material and mastic are both identified as containing 5% chrysotile asbestos.

##### 1963 Section

#### 4.2.1 Floor Material (Con't)



**Floor Tile – 9" x 9" beige with yellow, green and pink sparkled speck**

This floor tile was identified and sampled in the Staff Women's Common Area on the first floor (63-1020). This floor tile is a non-friable product that is in good condition and only observed in this room.

The material was identified as containing 5% chrysotile asbestos. There was insufficient mastic for analysis.

**1963 Section**



**Floor Tile – 9" x 9" grey with white and brown sparkled speck**

This floor tile was identified and sampled in the Staff Men's Common Area on the first floor (63-1023). This floor tile is a non-friable product that is in good condition and only observed to be in this room.

This material is identified as containing 5% chrysotile asbestos. The mastic was identified as non asbestos containing.

**1963 Section**



**Floor Tile – 9" x 9" beige**

This floor tile was identified and sampled in the Art Room on the first floor (63-1078). This floor tile is a non-friable product that is in good condition and found throughout the school in numerous rooms.

This material is identified as containing 2% chrysotile asbestos. The mastic was identified as non asbestos containing.

**1963 Section**



#### 4.2.1 Floor Material (Con't)

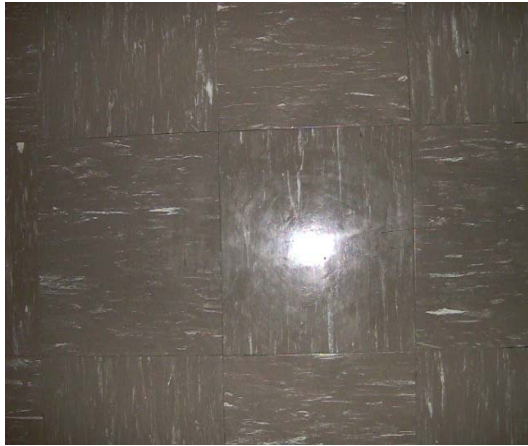


##### Floor Tile – 9" x 9" turquoise

This floor tile was identified and sampled in the Art Room on the first floor (63-1078). This floor tile is a non-friable product that is in good condition and only observed in this room.

This material is identified as containing 3% chrysotile asbestos. The mastic was identified as non asbestos containing.

##### 1963 Section



##### Floor Tile – 12" x 12" mushroom coloured

This floor tile was identified and sampled in Classroom 306 on the third floor (63-3013). This floor tile is a non-friable product that is in good condition and only observed in this room.

This material is identified as containing 2% chrysotile asbestos. The mastic was identified as non asbestos containing.

##### 1963 Section



##### Floor Tile – 9" x 9" mocha with brown and white splotches

This floor tile was identified and sampled in Classroom 305 on the third floor (63-3012). This floor tile is a non-friable product that is in good condition and only observed in this room.

This material is identified as containing 8% chrysotile asbestos. The mastic was identified as non asbestos containing

##### 1963 Section

#### 4.2.1 Floor Material (Con't)



##### Floor Tile – 9" x 9" mint green with white

This floor tiles was identified and sampled in Classroom 306 on the third floor (63-3013). This floor tile is a non-friable product that is in good condition and observed to be in a few rooms throughout the school.

This material is identified as containing 8% chrysotile asbestos. The mastic was identified as non asbestos containing.

##### 1963 Section



##### Floor Tile – 9" x 9" beige with blue streak

This floor tiles was identified and sampled in Classroom 306 on the third floor (63-3013). This floor tile is a non-friable product that is in good condition and observed to be in a few rooms throughout the school.

This material is identified as containing 8% chrysotile asbestos. The mastic was identified as non asbestos containing

##### 1963 Section



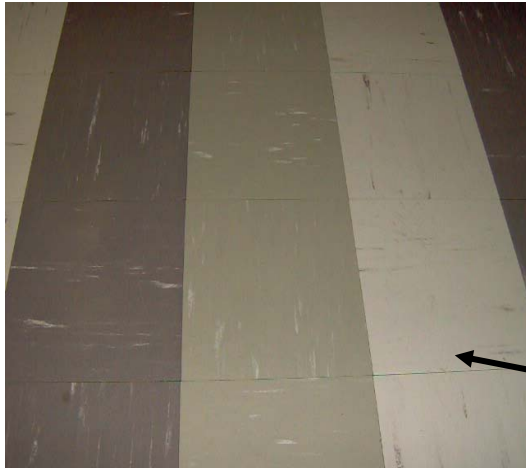
##### Linoleum – brown cobblestone pattern

This linoleum material was identified and sampled in the Wood Shop on the first floor (63-1075). This linoleum material is a non-friable product that is in good condition and observed to be in a numerous rooms throughout the school. This product is utilized as a countertop covering.

This material is identified as containing 25% chrysotile asbestos. The felt backing on the linoleum also contains 65% chrysotile asbestos.

##### 1963 Section

#### 4.2.1 Floor Material (Con't)

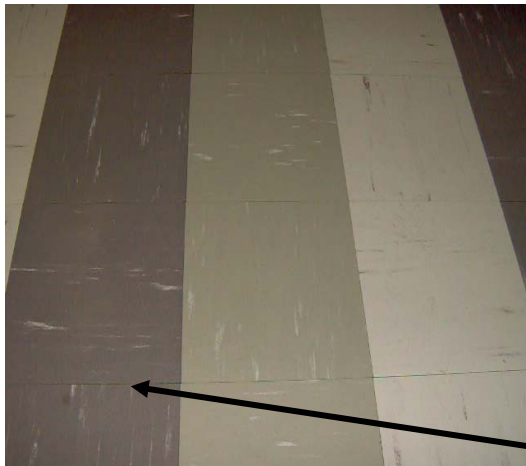


##### Floor Tile – 9" x 9" white

This floor tile was identified and sampled in the Technology Room on the first floor (68-1006). This floor tile is a non-friable product that is in good condition and found in throughout rooms in the school.

This material is identified as containing 3% chrysotile asbestos. The mastic was identified as containing 5% chrysotile asbestos.

##### 1968 Addition

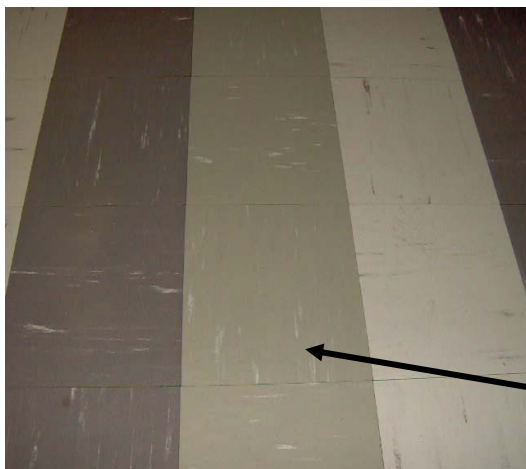


##### Floor Tile – 9" x 9" maroon

This floor tile was identified and sampled in the Technology Room on the first floor (68-1006). This floor tile is a non-friable product that is in good condition and only observed to be in this room.

This material is identified as containing 3% chrysotile asbestos. The mastic was identified as containing 5% chrysotile asbestos.

##### 1968 Addition



##### Floor Tile – 9" x 9" tan

This floor tile was identified and sampled in the Technology Room on the first floor (68-1006). This floor tile is a non-friable product that is in good condition and found throughout many rooms in the school.

This material is identified as containing 3% chrysotile asbestos. There were insufficient amounts to analyse the mastic.

##### 1968 Addition

#### 4.2.1 Floor Material (Con't)

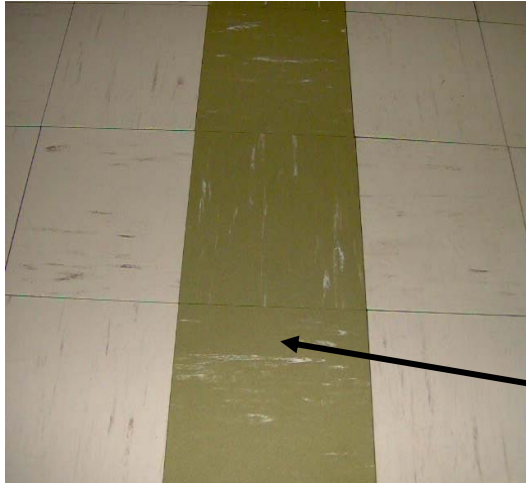


##### Floor Tile – 9" x 9" blue with white speck

This floor tile was identified and sampled in the Physic's Classroom on the first floor (68-1009). This floor tile is a non-friable product that is in good condition and found in throughout rooms in the school.

This material is identified as containing 5% chrysotile asbestos. The mastic was identified as containing 2% chrysotile asbestos.

##### 1968 Addition

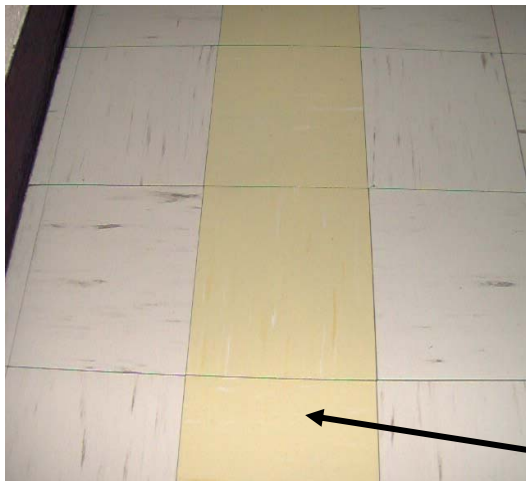


##### Floor Tile – 9" x 9" green with white speck

This floor tile was identified and sampled in the Computer Room 212 on the second floor (68-2005). This floor tile is a non-friable product that is in good condition and found throughout many rooms in the school.

This material is identified as containing 3% chrysotile asbestos. The mastic was identified as non asbestos containing.

##### 1968 Addition



##### Floor Tile – 9" x 9" yellow

This floor tile was identified and sampled in the Computer Room 211 on the second floor (68-2011). This floor tile is a non-friable product that is in good condition and observed only in this room.

This material is identified as containing 3% chrysotile asbestos. The mastic was identified as non asbestos containing.

##### 1968 Addition



#### 4.2.1 Floor Material (Con't)

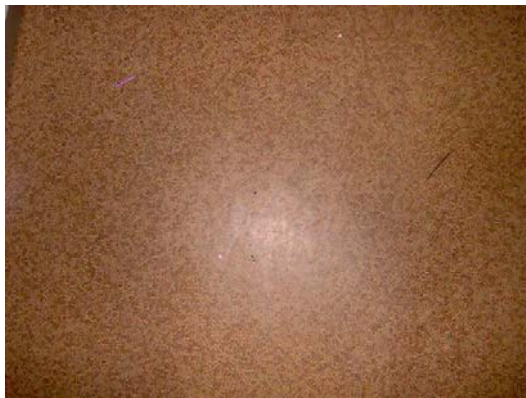


##### Floor Tile – 9" x 9" brown with white streak

This floor tile was identified and sampled in Room A3-2 on the third floor (68-3020). This floor tile is a non-friable product that is in good condition and is observed only in this room.

This material is identified as containing 2% chrysotile asbestos. There were insufficient amounts to analyse the mastic.

##### 1968 Addition



##### Linoleum – pink cobblestone pattern

This linoleum was identified and sampled in the TV/ Book Storage Room on the first floor (68-1012). This linoleum is a non-friable product that is in good condition and is observed only in this room.

This material is identified as containing 25% chrysotile asbestos.

##### 1968 Addition

#### 4.2.2 Drywall / Plaster Material



##### Drywall – joint compound

This drywall partition located above the doors was sampled in the basement Stairwell (63-B006). This drywall material is a friable product in good condition and is located in numerous areas throughout the school.

This material is identified as containing 2% chrysotile asbestos.

##### 1963 Section

#### 4.2.2 Drywall / Plaster Material (Con't)



##### Drywall and Caulking

This drywall partition located above the doors was sampled on the first floor Corridor (68-1002). This drywall and caulking material are friable products in good condition and are located in numerous areas throughout the school.

The drywall material is identified as containing 2% chrysotile asbestos and the caulking is identified as containing 5% chrysotile asbestos.

##### 1968 Addition



##### Plaster – stippled pattern

This plaster stippled finished material was sampled and identified in the Lecture Hall on the first floor (63-1096) as ceiling material. This material is a friable product in good condition and is located in a few rooms throughout the school.

The plaster material is identified as containing 2% chrysotile asbestos.

##### 1963 Section



##### Plaster – popcorn pattern

This plaster popcorn finished material was sampled and identified in the Library on the first floor (63-1097) as ceiling and wall material. This material is a friable product in good condition and is located only in this area.

The plaster material is identified as containing 3% chrysotile asbestos.

##### 1963 Section

#### 4.2.3 Thermal Insulation



##### Insulated Cement Fitting

This material was sampled in the Air Handling Room (63-MR-004) in the basement of the school. The insulated cement on the hot water heating fitting is a grey hard cement product that is considered friable. These fittings are located within numerous rooms throughout the school, ranging from good to poor conditions.

This material is identified as containing 70% chrysotile asbestos.

##### 1963 Section



##### Insulated Cement Fitting

This material was sampled in the Air Handling Room (63-MR-004) in the basement of the school. The insulated cement on the rainwater leader fitting and view port is a grey hard cement product that is considered friable. These fittings and view ports are located within numerous rooms throughout the school, ranging from good to poor conditions.

This material is identified as containing 35% chrysotile asbestos.

##### 1963 Section



##### Insulated Cement Fitting

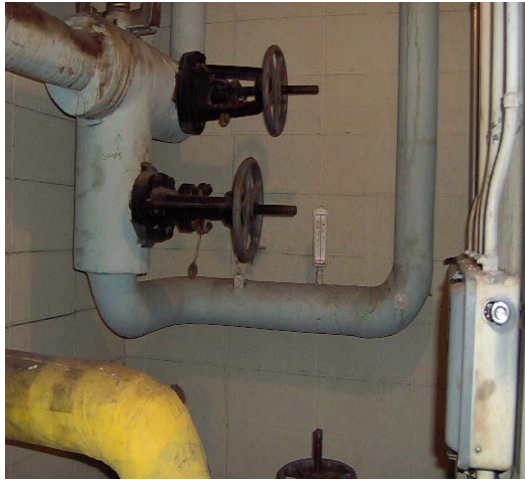
This material was sampled in the Air Handling Room (63-MR-004) in the basement of the school. The insulated cement on the domestic cold-water fitting is a grey hard cement product that is considered friable. These fittings are located within numerous rooms throughout the school in good condition.

This material is identified as containing 35% chrysotile asbestos.

##### 1963 Section



#### 4.2.3 Thermal Insulation (Con't)



##### Insulated Cement Fitting / Valve

This material was sampled in the Custodian Room on the first floor (63-1092). The insulated cement on the hot water heating fitting and valve is a grey hard cement product that is considered friable. These fittings are located within numerous rooms throughout the school, ranging from good to poor conditions.

This material is identified as containing 55% chrysotile asbestos.

##### 1963 Section



##### Insulated Cement

This material was sampled in the Air Handling Room (63-MR-004) in the basement of the school. The insulated cement packing on the HVAC system and in the seams of the insulation is considered friable. This insulated cement packing material is located throughout numerous rooms in the school and typically in good condition.

This material is identified as containing 35% chrysotile asbestos.

##### 1963 Section



##### Cloth / Paper Insulation

This material was sampled in the Pipe Chase on the second floor from the Pipe Chase (68-2020). The cloth and paper insulation is associated with horsehair insulation on the rainwater leader fitting. The cloth and paper material are considered friable and in good condition. This type of insulation is only found within this pipe chase.

The cloth and paper material used for insulation is identified as containing 60% chrysotile asbestos. The horsehair insulation is identified as non asbestos containing.

##### 1968 Addition



#### 4.2.3 Thermal Insulation (Con't)



##### Cloth Gasket

This material was sampled in the basement Boiler Room (63-MR-002). This cloth gasket was identified on the cross bracket at the burner throat end of the boiler. This cloth material is considered a friable product and suspected to be in all boilers within the school.

This material is identified as containing 85% chrysotile asbestos.

##### 1963 Section



##### Vermiculite Insulation

This material was identified and sampled in the Pipe Chase through the Girl's Washroom on the second floor (68-2020). This material is soft, light to touch and exhibits a shiny texture. It is a friable product and is also located in the Third Floor Pipe Chase and the Transformer Room in electrical holes.

This material is identified as containing <1% tremolite asbestos.

##### 1968 Addition

#### 4.2.4 Manufactured Material



##### Foil Faced Light Gasket

This material was identified and sampled in the Girl's Coach Room on the first floor (63-1038). This material is utilized within light fixtures for fire protection and exhibits a foil face with a paper texture. This gasket is a friable product and found in numerous rooms throughout the school.

This material is identified as containing 65% chrysotile asbestos.

##### 1963 Section

#### 4.2.4 Manufactured Material (Con't)



##### Cloth Mitts

These cloth mitts were identified and sampled in the Art Room on the basement floor (63-B005). These mitts are utilized for clay pottery to minimize the heat factor emitted. They have a rough feel with a cloth appearance. These mitts are considered friable and found only in this room.

This material is identified as containing 55% chrysotile asbestos.

##### 1963 Section



##### Cement Panel (Transite)

This transite material was identified in the Pipe Chase on the second floor (68-2020). The transite fills the wall space below all windows to the 1968 addition. Black laminate is over top of the cement board. This material is a hard, non-friable material that is in good condition. This panel

This material was identified as containing 25% chrysotile asbestos.

##### 1968 Addition



##### Transite Board

This transite material was identified and sampled in the Engine Shop Class on the first floor (68-1005). This transite board is located as partition sides for each welding station. This material is hard and has a stippled texture on one side. This material is also found in this room as the bulkhead above the stations and as a wall near the fume hood. It is a non-friable product and can be identified in other rooms in the school.

This material is identified as containing 20% chrysotile asbestos.

##### 1968 Addition

#### 4.2.4 Manufactured Material (Con't)



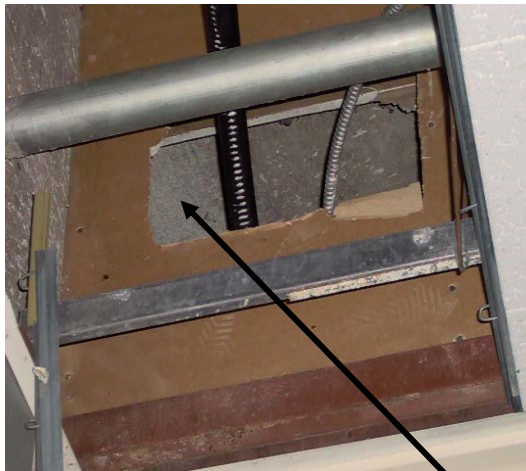
##### Millboard

This material was identified and sampled in the Engine Shop Class on the first floor (68-1005). This millboard material is located as ceiling material at each welding station. It is a soft material once punctured, classifying it as a friable product. This material was only found in this room of the school.

This material is identified as containing 15% chrysotile asbestos and 15% crocidolite asbestos.

##### 1968 Addition

#### 4.2.5 Fireproofing



##### Fireproofing

This fireproofing material was identified and sampled in the exterior of the building under the metal pan overhang (E001). This material has a greyish white colour and exhibits a fluffy texture. Fireproofing is considered a friable product and is located in numerous areas throughout the school. If accessing above the metal pan or ceiling tiles, a type II entry is required.

This material is identified as containing 35% chrysotile asbestos.

##### 1963 Addition





#### 4.2.6 Fireproofing (Con't)



##### Fireproofing

This fireproofing material was identified and sampled in the Pipe Chase on the second floor (68-2020). This material has a greyish white colour and exhibits a fluffy texture. Fireproofing is considered a friable product and is located in numerous areas throughout the school. The fireproofing above the ceiling tends to have excessive overspray on the concrete block and the top of the ceiling tiles. If going above ceiling tiles, a type II entry is required.

This material is identified as containing 25% chrysotile asbestos.

##### 1968 Addition

**Table 1: Asbestos Homogeneous Materials for the 1963 Section**

Shaded rows listed in the table indicate materials containing asbestos as determined by test method EPA/600/R-93/116. Materials containing asbestos are required to be removed from the building prior to any alteration or demolition construction work being performed as per Section 5, 6 and 10 of O. Reg. 278/05.

**ACM** - Asbestos Containing Material means material that contains 0.5 per cent or more asbestos by dry weight. (O.Reg. 278/05 – Regulation respecting Asbestos on Construction Projects and in Buildings and Repair Operations)

Homogeneous No.	Drawing Location	Material(s)	ACM	Sample No.
		<i><b>FLOOR MATERIAL</b></i>		
HN-63-FT01	63-B005	Floor Tile – 9" x 9" beige with brown streak	2% Chrysotile	2433-06-63-FT01 2433-06-63-FT02 2433-06-63-FT03
		Mastic	2% Chrysotile	
HN-63-FT02	63-1019	Floor Tile – 9" x 9" beige with green and black streak	5% Chrysotile	2433-06-63-FT04 2433-06-63-FT05 (not analyzed) 2433-06-63-FT06 (not analyzed)
		Mastic	5% Chrysotile	
HN-63-FT03	63-1020	Floor Tile – 9" x 9" beige with yellow, green and pink sparkled speck	5% Chrysotile	2433-06-63-FT07 2433-06-63-FT08 (not analyzed) 2433-06-63-FT09 (not analyzed)
		Insufficient mastic for analysis		
HN-63-FT04	63-1023	Floor Tile – 9" x 9" grey with white and brown sparkled speck	5% Chrysotile	2433-06-63-FT10
		Mastic	Non asbestos	2433-06-63-FT11 2433-06-63-FT12
HN-63-FT05	63-1068	Floor Tile – 12" x 12" crème with brown streak	Non asbestos	2433-06-63-FT13 2433-06-63-FT14 2433-06-63-FT15
HN-63-FT06	63-1072	Floor Tile – 12" x 12" beige with brown and yellow streak	Non asbestos	2433-06-63-FT16 2433-06-63-FT17 2433-06-63-FT18
HN-63-FT07	63-1072	Floor Tile – 12" x 12" blue with white streak	Non asbestos	2433-06-63-FT19 2433-06-63-FT20 2433-06-63-FT21
HN-63-FT08	63-1078	Floor Tile – 9" x 9" beige	2% Chrysotile	2433-06-63-FT22
		Mastic	Non asbestos	2433-06-63-FT23 2433-06-63-FT24
HN-63-FT09	63-1078	Floor Tile – 9" x 9" turquoise	3% Chrysotile	2433-06-63-FT25
		Mastic	Non asbestos	2433-06-63-FT26 2433-06-63-FT27
HN-63-FT10	63-1097	Floor Tile – 12" x 12" beige with brown speck	Non asbestos	2433-06-63-FT28 2433-06-63-FT29 2433-06-63-FT30

Homogeneous No.	Drawing Location	Material(s)	ACM	Sample No.
HN-63-FT11	63-3013	Floor Tile – 12" x 12" mushroom patterned	2% Chrysotile	2433-06-63-FT31
		Mastic	Non asbestos	2433-06-63-FT32 2433-06-63-FT33
HN-63-FT12	63-3012	Floor Tile – 9" x 9" mocha with brown splotches	8% Chrysotile	2433-06-63-FT34 2433-06-63-FT35 (not analyzed) 2433-06-63-FT36 (not analyzed)
		Insufficient mastic for analysis	-	-
HN-63-FT13	63-3013	Floor Tile – 9" x 9" mint green with white	8% Chrysotile	2433-06-63-FT37
		Mastic	Non asbestos	2433-06-63-FT38 2433-06-63-FT39
HN-63-FT14	63-3013	Floor Tile – 9" x 9" beige with blue streak	8% Chrysotile	2433-06-63-FT40
		Mastic	Non asbestos	2433-06-63-FT41 2433-06-63-FT42
HN-63-L01	63-1075	Linoleum – brown cobblestone pattern Felt backing	25% Chrysotile 65% Chrysotile	2433-06-63-L01 2433-06-63-L02 (not analyzed) 2433-06-63-L03 (not analyzed)
		<b>DRYWALL / PLASTER MATERIAL</b>		
HF-63-DRW01	63-B006	Drywall and Joint Compound – above corridor doors	2% Chrysotile	2433-06-63-DRW01 2433-06-63-DRW02 2433-06-63-DRW03
HF-63-DRW02	63-1072	Drywall	Non asbestos	2433-06-63-DRW04 2433-06-63-DRW05 2433-06-63-DRW06
HF-63-DRW03	63-1097	Drywall	Non asbestos	2433-06-63-DRW07 2433-06-63-DRW08 2433-06-63-DRW09
HN-63-P01	63-1018	Plaster – rough texture	Non asbestos	2433-06-63-P01 2433-06-63-P02 2433-06-63-P03
HN-63-P02	63-1037	Plaster – smooth finish	Non asbestos	2433-06-63-P04 2433-06-63-P05 2433-06-63-P06
HN-63-P03	63-1061	Plaster – rough finish (2)	Non asbestos	2433-06-63-P07 2433-06-63-P08 2433-06-63-P09
HN-63-P04	63-1094	Plaster – swirl finish	Non asbestos	2433-06-63-P10 2433-06-63-P11 2433-06-63-P12
HN-63-P05	63-1096	Plaster – stippled finish	2% Chrysotile	2433-06-63-P13 2433-06-63-P14 (not analyzed) 2433-06-63-P15 (not analyzed)

Homogeneous No.	Drawing Location	Material(s)	ACM	Sample No.
HN-63-P06	63-1097	Plaster – popcorn finish	3% Chrysotile	2433-06-63-P16 2433-06-63-P17 (not analyzed) 2433-06-63-P18 (not analyzed)
HN-63-P07	63-5001	Plaster	Non asbestos	2433-06-63-P19 2433-06-63-P20 2433-06-63-P21
HF-63-TC01	63-B006	Texture coat	Non asbestos	2433-06-63-TC01 2433-06-63-TC02 2433-06-63-TC03
		<b>CEILING TILE MATERIAL</b>		
HF-63-CT01	63-B003	Ceiling Tile – 12" x 12" interlocking fissured	Non asbestos	2433-06-63-CT01 2433-06-63-CT02 2433-06-63-CT03
HF-63-CT02	63-1040	Ceiling Tile – 2' x 4' fissured dot	Non asbestos	2433-06-63-CT04 2433-06-63-CT05 2433-06-63-CT06
HF-63-CT03	63-1003	Ceiling Tile – 2' x 4' strata (new 2004)	Non asbestos	-
HN-63-CT01	63-1006	Ceiling Tile – 2' x 1' interlocking metal tin pan	Non asbestos	-
		<b>THERMAL INSULATION MATERIALS</b>		
HF-63-PI01	63-MR-004	Insulated cement fitting on hot water heating system (HWH)	70% Chrysotile	2433-06-63-PI01
HF-63-PI02	63-MR-004	Insulated cement fitting and view port on rain water leader system (RWL)	35% Chrysotile	2433-06-63-PI02
HF-63-PI03	63-MR-004	Insulated cement fitting on domestic cold water system (DCW)	35% Chrysotile	2433-06-63-PI03
HF-63-PI04	63-1013	Pressed cellulose with black paper pipe insulation	Non asbestos	2433-06-63-PI04 2433-06-63-PI05 2433-06-63-PI06
HF-63-PI05	63-1092	Insulated cement fitting and valve on HWH system	55% Chrysotile	2433-06-63-PI07 2433-06-63-PI08 (not analyzed) 2433-06-63-PI09 (not analyzed)
HF-63-PI06	63-MR-001	Fibreglass insulation	Non asbestos	-
HF-63-PI07	63-1017	Black paper foil faced pipe insulation	Non asbestos	-
HF-63-PI08	63-1031	Horsehair fitting	Non asbestos	-
HF-63-PI09	63-1027	Armaflex pipe insulation	Non asbestos	-
HN-63-PI01	63-B006	PVC fitting	Non asbestos	-
HF-63-V01	63-MR-004	Insulated cement packing in HVAC system and seams of insulation	35% Chrysotile	2433-06-63-V01
HF-63-G01	63-MR-002	Cloth gasket on cross bracket on burner throat end of boiler	85% Chrysotile	2433-06-63-G01 2433-06-63-G02 2433-06-63-G03

Homogeneous No.	Drawing Location	Material(s)	ACM	Sample No.
		<b>MANUFACTURED MATERIALS</b>		
HF-63-LG01	63-1038	Foil faced light gasket	65% Chrysotile	2433-06-63-LG01 2433-06-63-LG02 (not analyzed) 2433-06-63-LG03 (not analyzed)
HN-63-CL01	63-B005	Cloth mitt for clay pottery	55% Chrysotile	2433-06-63-CL01 2433-06-63-CL02 2433-06-63-CL03
HF-63-FD01	63-1076	Fire door - insulated backing	Suspect	-
HN-63-CH01	63-1096	Chair back	Non asbestos	2433-06-63-CH01 2433-06-63-CH02 2433-06-63-CH03
HN-63-M01	63-1094	Mastic	Non asbestos	2433-06-63-M01 2433-06-63-M02 2433-06-63-M03
		<b>FIREPROOFING MATERIAL</b>		
HF-63-FP01	E001	Fireproofing	35% Chrysotile	2433-06-63-FP01 2433-06-63-FP02 2433-06-63-FP03
		<b>BUILDING MATERIALS</b>		
HN-C01	63-MR-001	Concrete	Non asbestos	-
HN-CB01	63-1006	Concrete Block	Non asbestos	-
HN-TZ01	63-B003	Terrazzo	Non asbestos	-
HN-CR01	63-1001	Ceramic Tile	Non asbestos	-
HF-CA01	63-1009	Carpet	Non asbestos	-
HN-ST01	63-1034	Steel	Non asbestos	-
HN-W01	63-1046	Wood	Non asbestos	-
HN-GL01	63-1001	Glass	Non asbestos	-
HN-WP01	63-1007	Wood Panel	Non asbestos	-
HN-SQ01	63-1011	Steel Q Deck	Non asbestos	-
HN-BR01	63-1030A	Brick	Non asbestos	-
HN-MP01	63-2009	Metal Panels	Non asbestos	-
HN-TI01	63-1001	Ceramic Tile	Non asbestos	-
HF-PB01	63-1074	Wood Peg Board	Non asbestos	-



Table 2: Asbestos Homogeneous Materials for the 1968 Addition

Homogeneous No.	Drawing Location	Material(s)	ACM	Sample No.
		<i>FLOOR MATERIAL</i>		
HN-68-FT01A	68-1006	Floor Tile – 9" x 9" white Mastic	3% Chrysotile 5% Chrysotile	2433-06-68-FT01A
				2433-06-63-FT01B (not analyzed) 2433-06-68-FT01C (not analyzed)
HN-68-FT01B	68-1006	Floor Tile – 9" x 9" maroon Mastic	3% Chrysotile 5% Chrysotile	2433-06-68-FT02A
				2433-06-68-FT02B (not analyzed) 2433-06-68-FT02C (not analyzed)
HN-68-FT01C	68-1006	Floor Tile – 9" x 9" tan Insufficient mastic for analysis	3% Chrysotile -	2433-06-68-FT03A - 2433-06-68-FT03B (not analyzed) 2433-06-68-FT03C (not analyzed)
HN-68-FT02	68-1006	Floor Tile – 12" x 12" salmon swirl	Non asbestos	2433-06-68-FT04 2433-06-68-FT05 2433-06-68-FT06
HN-68-FT03	68-1006	Floor Tile – 12" x 12" grey swirl	Non asbestos	2433-06-68-FT07 2433-06-68-FT08 2433-06-68-FT09
HN-68-FT04	68-1006	Floor Tile – 12" x 12" grey with black speck	Non asbestos	2433-06-68-FT10 2433-06-68-FT11 2433-06-68-FT12
HN-68-FT05	68-1009	Floor Tile – 9" x 9" blue with white speck Mastic	5% Chrysotile 2% Chrysotile	2433-06-68-FT13
				2433-06-68-FT14 (not analyzed) 2433-06-68-FT15 (not analyzed)
HN-68-FT06	68-1011	Floor Tile – 12" x 12" yellow with brown streak	Non asbestos	2433-06-68-FT16 2433-06-68-FT17 2433-06-68-FT18
HN-68-FT07	68-2005	Floor Tile – 9" x 9" green with white speck Mastic Insufficient mastic for analysis (for these two samples)	3% Chrysotile Non asbestos	2433-06-68-FT19  2433-06-68-FT20 (not analyzed) 2433-06-68-FT21 (not analyzed)
HN-68-FT08	68-2011	Floor Tile – 9" x 9" yellow Mastic Insufficient mastic for analysis (for one sample)	3% Chrysotile Non asbestos	2433-06-68-FT22 2433-06-68-FT24 2433-06-68-FT23 (not analyzed)
HN-68-FT09	68-3008	Floor Tile – 12" x 12" white with blue speck	Non asbestos	2433-06-68-FT25 2433-06-68-FT26 2433-06-68-FT27

Homogenous No.	Drawing Location	Material(s)	ACM	Sample No.
HN-68-FT10	68-3017	Floor Tile – 12" x 12" brown swirl	Non asbestos	2433-06-68-FT28 2433-06-68-FT29 2433-06-68-FT30
HN-68-FT11	68-3020	Floor Tile – 9" x 9" brown with white streak Insufficient mastic for analysis	2% Chrysotile -	2433-06-68-FT31 -
HN-68-L01	68-1012	Linoleum – pink cobblestone	25% Chrysotile	2433-06-68-L01 2433-06-68-L02 (not analyzed) 2433-06-68-L03 (not analyzed)
<b>DRYWALL / PLASTER MATERIALS</b>				
HF-68-DRW01	68-1011	Drywall	Non asbestos	2433-06-68-DRW01 2433-06-68-DRW02 2433-06-68-DRW03
HF-68-DRW02	68-1002	Drywall Caulking	2% Chrysotile 5% Chrysotile	2433-06-68-DRW04 2433-06-68-DRW05 2433-06-68-DRW06
HN-68-P01	68-2006	Plaster – smooth finish	Non asbestos	2433-06-68-P01 2433-06-68-P02 2433-06-68-P03
<b>CEILING TILE MATERIALS</b>				
HF-68-CT01	68-1005	Ceiling Tile – 2' x 4' deep strata dot	Non asbestos	2433-06-68-CT01 2433-06-68-CT02 2433-06-68-CT03
HF-68-CT02	68-2011	Ceiling Tile – 12" x 12" interlocking fissured	Non asbestos	2433-06-68-CT04 2433-06-68-CT05 2433-06-68-CT06
<b>THERMAL MATERIALS</b>				
HF-68-PI01	68-2020	Paper insulation Cloth insulation Horsehair pipe insulation	60% Chrysotile 60% Chrysotile Non asbestos	2433-06-68-PI01
HF-68-PI02	68-1015	Black Paper	Non asbestos	-
HF-68-VER01	68-2020	Vermiculite insulation	<1% Tremolite	2433-06-68-VER01
<b>MANUFACTURED MATERIALS</b>				
HN-68-TR01	68-2020	Transite panel	25% Chrysotile	2433-06-68-TR01
HN-68-TR02	68-1005	Transite board	20% Chrysotile	2433-06-68-TR02 2433-06-68-TR03 (not analyzed) 2433-06-68-TR04 (not analyzed)

Homogenous No.	Drawing Location	Material(s)	ACM	Sample No.
HF-68-MB01	68-1005	Millboard	15% Chrysotile 15% Crocidolite	2433-06-68-MB01
				2433-06-68-MB02 (not analyzed) 2433-06-68-MB03 (not analyzed)
		<i>FIREPROOFING MATERIAL</i>		
HF-68-S01	68-2020	Fireproofing	25% Chrysotile	2433-06-68-S01

**Table 3: Asbestos Location, Material Description, Quantity and Condition Summary**

The following table includes a list of all known and suspected asbestos containing materials located in the building. Materials that contain asbestos are shaded. The Asbestos Containing Materials List is a compilation of all the functional spaces in the building and the ACM located in each space, along with the estimated amount of material.

**Note:**

\*Encap – Encapsulation. Method whereby material receives new cloth jacket coated with fire retardant insulation paint.

\*\* Access to ceiling spaces was limited for the purposes of inspection to avoid disturbance of dust. Quantities and locations of asbestos pipe insulation and cement on pipe fittings are approximations only. In such functional spaces as the Lunch Room (63-1025), elevation plays a factor in determining the exact location and quantity of asbestos cement on pipe fittings. It is also presumed that asbestos is present above any solid plaster or interlocking ceiling tiles based on findings and observations within accessible ceiling and mechanical spaces.

Functional Space ID#	Location Identification	Homogenous Material Number	Material Description and Quantity	Response Measure	Hazard Rating Total
	<b>1963 - Basement</b>				
63-MR-001	Boiler Room	HF-63-G01	Cloth gasket on the cross bracket on burner throat system of boiler	5 – O&M	18
		HF-63-PI01	Insulated cement fittings on HWH system – 33 Units	5 – O&M	24
		HN-68-TR02	Transite Board on mini portable transformer – 4 SF	5 – O&M	13
63-MR-002	Boiler Room	HF-63-G01	Cloth gasket on cross bracket on burner throat system of boiler	5 – O&M	18
		HF-63-PI01	Insulated cement fittings on HWH system – 30 units	5 – O&M	24
63-MR-003	Boiler Room		Findings and analytical testing determined building materials containing asbestos minerals are not present in the Boiler Room at the time of inspection. The pipe insulation and boiler system were covered in fibreglass insulation and the fittings were of PVC material.		

Functional Space ID#	Location Identification	Homogenous Material Number	Material Description and Quantity	Response Measure	Hazard Rating Total
63-MR-004	Air Handling Room	HF-63-V01	Fibreglass Insulation with cement in seams and parging on the HVAC system – 536 SF	2 – Encap*	32
		HF-63-PI01	Insulated cement fittings on HWH system – 19 units	5 – O&M	22
		HF-63-PI02	Debris of insulated cement from HWH on HVAC unit AHU 37	1- Removal	37
		HF-63-PI03	Insulated cement fittings on RWL – 2 units	5 – O&M	22
		HF-63-FP01	Insulated cement fittings on DCW – 4 units	5 – O&M	22
			Fireproofing – overspray from exterior on concrete blocks by doors	1- Removal	34
63-B001	Elevator Room	HF-63-PI01	Insulated cement fittings on HWH system – 2 units	5 – O&M	20
63-B002	Stairwell Landing (NW)	-	Findings and analytical testing determined building materials containing asbestos minerals are not present in the Stairwell Landing at the time of inspection.	-	-
63-B003	Corridor	HF-63-PI01	Insulated cement fittings on HWH system – 6 units	5 – O&M	22
		HF-63-FP01	Fireproofing – above ceiling tiles is an exposed wall cavity to fireproofing from the exterior	3 – Enclose	24
63-B004	Art Room	HN-63-FT01	Floor Tile – 9" x 9" beige with brown streak – 288 SF	4- Repair	15
		HF-63-V01	Insulated cement in seams of HVAC insulation - 240 LF	5 – O&M	24
		HF-63-PI01	Insulated cement fittings on HWH system – 14 units	5 – O&M	24
		HN-63-CL01	Cloth mitt used for clay pottery – 2 gloves	5 – O&M	23
63-B005	Stairwell Landing (W)	HF-63-DRW01	Drywall / joint compound above the corridor doors – 70 SF	5 – O&M	22
			Presume <b>asbestos</b> is present above solid plaster ceiling on pipe fittings**		
63-B006	Cold Water Valve Room	-	Findings and analytical testing determined building materials containing asbestos minerals are not present in the Cold Water Valve Room at the time of inspection.	-	-
	<b>1963 – First Floor</b>				
63-1001	Vestibule	HF-63-PI01 HF-63-PI03	Insulated cement fittings on HWH and DCW systems – 26 units	5 – O&M	24
63-1002	Stairwell (N)	-	Presume <b>asbestos</b> is present above solid rough plaster ceiling on pipe fittings**	-	-
63-1003	Lobby Area	HF-63-PI01 HF-63-PI03	Insulated cement fittings on HWH and DCW systems – 47 units	5 – O&M	24

Functional Space ID#	Location Identification	Homogenous Material Number	Material Description and Quantity	Response Measure	Hazard Rating Total
63-1004	Corridor	HF-63-DRW01	Drywall / joint compound above corridor doors in the south end of the hall – 120SF	5 – O&M	24
		HF-63-PI01 HF-63-PI02 HF-63-PI03	Insulated cement fittings on HWH, DCW and RWL systems – 30 units**	5 – O&M	24
63-1005	Corridor	-	Findings and analytical testing determined building materials containing asbestos minerals are not present in the Corridor at the time of inspection. The pipe insulation and fittings are new as of 2006. Pipe insulation is fibreglass and fittings are foil-faced fibreglass.	-	-
63-1006	Corridor	HF-63-PI01 HF-63-PI03	Insulated cement fittings on HWH and DCW systems – 100 units**	5 – O&M	24
63-1007	Corridor	HF-63-PI01 HF-63-PI03	Insulated cement fittings on HWH, and DCW – 50 units**	5 – O&M	24
63-1008	Corridor	HF-63-PI01 HF-63-PI03	Insulated cement fittings on HWH and DCW systems – 30 units**	5 – O&M	24
63-1009	Font Main Office	HN-63-FT02	Suspect floor tile beneath carpet – 9" x 9" beige with green and black streak – 1968 SF	-	-
63-1010	Vault	HN-63-FT02	Floor Tile – 9" x 9" beige with green and black streak – 54 SF	5 – O&M	15
			Presume <b>asbestos</b> is present above solid plaster ceiling on pipe fittings**		
63-1011	Vice Principal's Office	HN-63-FT02	Suspect floor tile beneath carpet – 9" x 9" beige with green and black streak – 224 SF	-	-
63-1012	Principal's Office	HN-63-FT02	Suspect floor tile beneath carpet – 9" x 9" beige with green and black streak – 192 SF	-	-
63-1013	Storage	HN-63-FT02	Suspect floor tile beneath carpet – 9" x 9" beige with green and black streak – 54 SF	-	-
			Presume <b>asbestos</b> is present above solid plaster ceiling on pipe fittings**		
63-1014	Washroom	-	Presume <b>asbestos</b> is present above solid plaster ceiling on pipe fittings**	-	-
63-1015	Photocopier / Supply Room	HN-63-FT02	Floor Tile – 9" x 9" beige with green and black streak – 128 SF	5 – O&M	19
		HN-63-FT02	Suspect floor tile beneath carpet – 9" x 9" beige with green and black streak – 256 SF	-	-
		HF-63-PI01	Insulated cement fittings on HWH system in NE corner – 2 units	5 – O&M	24
63-1016	Student Services	HN-63-FT02	Suspect floor tile beneath carpet – 9" x 9" beige with green and black streak – 256 SF	-	-

Functional Space ID#	Location Identification	Homogenous Material Number	Material Description and Quantity	Response Measure	Hazard Rating Total
63-1017	Rotary Career Education Centre	HN-63-FT02	Suspect floor tile beneath carpet – 9" x 9" beige with green and black streak – 384 SF	-	-
		HF-63-PI01	Insulated cement fitting on HWH system – 1 unit	5 – O&M	24
63-1018	Storage Room	HF-63-PI03	Insulated cement fitting on DCW system below ceiling – 2 units <i>Systems are bare above ceiling</i>	5 – O&M	26
63-1019	Staff Lounge	HN-63-FT02	Floor Tile – 9" x 9" beige with green and black streak – 720 SF	5 – O&M	15
		HN-63-FT02	Suspect floor tile beneath carpet – 9" x 9" beige with green and black streak – 690 SF	-	-
		HF-63-PI01	Insulated cement fittings on HWH system – 2 units**	5 – O&M	15
63-1020	Women's Staff Lobby Area	HN-63-FT03	Floor Tile – 9" x 9" beige with yellow, green and pink sparkled speck – 720 SF	5 – O&M	15
			Presume <b>asbestos</b> is present above solid plaster ceiling on pipe fittings**		
63-1021	Trophy Closet / Storage	HN-63-FT03	Floor Tile – 9" x 9" beige with yellow, green and pink sparkled speck – 10 SF	5 – O&M	15
63-1022	Staff Women's Washroom		Presume <b>asbestos</b> is present above solid plaster ceiling on pipe fittings**		
63-1023	Staff Men's Lobby	HN-63-FT04	Floor Tile – 9" x 9" grey with brown and white sparkled speck – 700 SF	5 – O&M	15
			Presume <b>asbestos</b> is present above solid plaster ceiling on pipe fittings**		
63-1024	Men's Washroom	HF-63-PI03	Suspect insulated cement fittings above ceiling on DCW system	-	-
			Presume <b>asbestos</b> is present above solid plaster ceiling on pipe fittings**		
63-1025	Lunch Room		Presume <b>asbestos</b> is present above ceiling on pipe fittings. Visual limitation occurs because of 15' ceiling elevation**	-	-
63-1026	Cafeteria	HF-63-LG01	Foil faced light gaskets – 7 fixtures	1-Removal	30
			Presume <b>asbestos</b> is present above solid plaster ceiling on pipe fittings**		
63-1027	Kitchen		Presume <b>asbestos</b> is present above solid plaster ceiling on DCW pipe fittings**		
63-1028	Office Area		Presume <b>asbestos</b> is present above solid plaster ceiling on pipe fittings**		
63-1029	Men's Washroom	HF-63-PI03	Insulated cement fittings on the DCW system above ceiling – 2 units	5 – O&M	22
			Limited access above solid plaster occurs during inspection. Presume <b>asbestos</b> is present above solid plaster ceiling on pipe fittings**		

Functional Space ID#	Location Identification	Homogenous Material Number	Material Description and Quantity	Response Measure	Hazard Rating Total
63-1030	Kitchen Storage		Presume <b>asbestos</b> is present above solid plaster ceiling on pipe fittings**		
63-1030A	Hot Water Tank Room	-	Findings and analytical testing determined building materials containing asbestos minerals are not present in the Hot Water Tank Room at the time of inspection.	-	-
63-1031	Fridges / Freezer Storage Room	HF-63-PI02	Insulated cement fittings above ceiling on RWL system - 3 units	5 – O&M	22
			Limited access above interlocking ceiling tiles occurs during inspection. Presume <b>asbestos</b> is present above interlocking ceiling tile on pipe fittings**		
63-1032	Cleaning Chemicals Storage Room		There was no access above interlocking ceiling tiles at the time of inspection. Presume <b>asbestos</b> is present above interlocking ceiling tiles on pipe fittings**		
63-1033	Conference / Office Room		There was no access above interlocking ceiling tiles at the time of inspection. Presume <b>asbestos</b> is present above solid interlocking ceiling tiles on pipe fittings**		
63-1034	Fridge	-	Findings and analytical testing determined building materials containing asbestos minerals are not present in the Fridge at the time of inspection.	-	-
63-1035	Girl's Washroom	HF-63-PI01	There was no access above interlocking ceiling tiles at the time of inspection. Presume <b>asbestos</b> is present above solid interlocking ceiling tiles on pipe fittings**		
63-1036	Stairwell (to Music Room)		There was no access above interlocking ceiling tiles at the time of inspection. Presume <b>asbestos</b> is present above solid interlocking ceiling tiles on pipe fittings**		
63-1037	Girl's Change Room Corridor		There was no access above interlocking ceiling tiles at the time of inspection. Presume <b>asbestos</b> is present above solid interlocking ceiling tiles on pipe fittings**		



Functional Space ID#	Location Identification	Homogenous Material Number	Material Description and Quantity	Response Measure	Hazard Rating Total
63-1038	Girl's Coach Room	HN-63-FT02	Floor Tile – 9" x 9" beige with green and black speck – 210 SF	5 – O&M	15
		HF-63-LG01	Foil faced light gasket – 1 fixture above the washroom	5 – O&M	25
			There was no access above plaster ceiling at the time of inspection. Presume <b>asbestos</b> is present above solid plaster ceiling on pipe fittings**		
63-1039	PE Office	HN-63-FT02	Floor Tile – 9" x 9" beige with green and black speck – 195 SF Floor tile is damaged in this office.	5 – O&M	15
			There was no access above plaster ceiling at the time of inspection. Presume <b>asbestos</b> is present above solid plaster ceiling on pipe fittings**		
63-1040	Small Gym 'C' Corridor		Presume <b>asbestos</b> is present above ceiling on pipe fittings.	-	-
63-1041	Custodian Closet		Presume <b>asbestos</b> is present above ceiling on pipe fittings.	-	-
63-1042	Marching Band Storage Room		Presume <b>asbestos</b> is present above ceiling on pipe fittings.	-	-
63-1043	Washroom		Presume <b>asbestos</b> is present above ceiling on pipe fittings.	-	-
63-1044	Shower Room		Presume <b>asbestos</b> is present above ceiling on pipe fittings.	-	-
63-1045	Storage / Washroom		Presume <b>asbestos</b> is present above ceiling on pipe fittings.	-	-
63-1046	Small Gym	HF-68-T02	Suspect transite board bulkhead by ventilation exhaust on South end of gym – 159 SF	2 – Encap*	21
		HF-63-V01	Suspect fibreglass with cement seams and parging behind bulkhead on HVAC system	-	-
63-1047	Storage Room	HF-63-V01	Fibreglass with cement seams and parging on HVAC system – 80 SF	5 – O&M	24
			Insulated cement fitting on RWL - 3 units and 1 view port	5 – O&M	24
		HF-63-PI01	Insulated cement fittings on HWH – 9 units	5 – O&M	24
63-1048	Corridor		There was no access above plaster ceiling at the time of inspection. Presume <b>asbestos</b> is present above solid plaster ceiling on pipe fittings**		
63-1049	Corridor		There was no access above plaster ceiling at the time of inspection. Presume <b>asbestos</b> is present above solid plaster ceiling on pipe fittings**		

Functional Space ID#	Location Identification	Homogenous Material Number	Material Description and Quantity	Response Measure	Hazard Rating Total
63-1050	Girl's Shower Room		There was no access above plaster ceiling at the time of inspection. Presume <b>asbestos</b> is present above solid plaster ceiling on pipe fittings**		
63-1051	Storage Room (Gym)		Findings and analytical testing determined building materials containing asbestos minerals are not present in the Storage Room at the time of inspection.		
63-1052	Girl's Washroom		There was no access above plaster ceiling at the time of inspection. Presume <b>asbestos</b> is present above solid plaster ceiling on pipe fittings**		
63-1053	Girl's Change Room		There was no access above plaster ceiling at the time of inspection. Presume <b>asbestos</b> is present above solid plaster ceiling on pipe fittings**		
63-1054	ERG Room	HF-63-PI01	Insulated cement fittings on HWH system – 10 units	5 – O&M	26
		HF-63-PI02	Insulated cement fittings on RWL system – 4 units	1-Removal	36
		HF-63-PI02	Damage on 1 fitting in SW corner Debris from the RWL fitting in the southwest corner	1-Removal	36
		HF-63-V01	Fibreglass with cement seams and parging on HVAC system– 120 SF	5 – O&M	24
63-1055	Stage	HF-63-PI01	Insulated cement fittings on HWH system – 20 units A hanger is damaged in the center of the stage	2 – Encap*	32
		HF-63-PI02	Insulated cement fittings on DCW system – 6 units	5 – O&M	22
		HF-63-V01	Fibreglass with cement seams and parging on HVAC system – 190 SF Damaged insulation in South and North end of the stage.	2 – Encap *	27
63-1056	Storage Room	HF-63-DRW01	Drywall above doors leading to exterior – 60 SF	5 – O&M	18
		HF-63-V01	Fibreglass with cement seams and parging on HVAC system – 48 SF	5 – O&M	22
63-1057	Gym Storage	HF-63-PI01	Insulated cement fittings on HWH system – 2 units	5 – O&M	24
		HF-63-V01	Fibreglass with cement seams and parging on HVAC system – 128 SF	5 – O& M	24
63-1058	Corridor		Findings and analytical testing determined building materials containing asbestos minerals are not present in the Corridor at the time of inspection. Ductwork is bare above ceiling.		

Functional Space ID#	Location Identification	Homogenous Material Number	Material Description and Quantity	Response Measure	Hazard Rating Total
63-1059	Corridor		There was no access above plaster ceiling at the time of inspection. Presume <b>asbestos</b> is present above solid plaster ceiling on pipe fittings**		
63-1060	Gym Equipment Storage		Findings and analytical testing determined building materials containing asbestos minerals are not present in the Gym Equipment Storage at the time of inspection. The ductwork is bare.		
63-1061	Boy's Change Room / Shower		There was no access above plaster ceiling at the time of inspection. Presume <b>asbestos</b> is present above solid plaster ceiling on pipe fittings**		
63-1062	Washroom		There was no access above plaster ceiling at the time of inspection. Presume <b>asbestos</b> is present above solid plaster ceiling on pipe fittings**		
63-1063	Boy's Change Room		There was no access above plaster ceiling at the time of inspection. Presume <b>asbestos</b> is present above solid plaster ceiling on pipe fittings**		
63-1064	Corridor		There was no access above plaster ceiling at the time of inspection. Presume <b>asbestos</b> is present above solid plaster ceiling on pipe fittings**		
63-1065	Storage Room	HN-63-FT02	Floor Tile – 9" x 9" beige with green and black speck – 36 SF	5 – O&M	15
63-1066	Stairwell	HN-63-LG01	Foil faced light gasket – 1 fixture	5 – O&M	21
63-1067	Boy's Phys. Ed Room	HN-63-FT02	Floor tile – 9"x 9" beige with green and black speck – 120 SF	5 – O&M	15
		HN-63-LG01	Foil faced light gasket – 1 fixture	5 – O&M	21
			There was no access above plaster ceiling at the time of inspection. Presume <b>asbestos</b> is present above solid plaster ceiling on pipe fittings**		
63-1068	P.E Office		There was no access above plaster ceiling at the time of inspection. Presume <b>asbestos</b> is present above solid plaster ceiling on pipe fittings**		
63-1069	Gym (big)		Findings and analytical testing determined building materials containing asbestos minerals are not present in the Gym at the time of inspection.		
63-1070	Boy's Washroom		There was limited access above interlocking ceiling tiles at the time of inspection. Presume <b>asbestos</b> is present above solid interlocking ceiling tiles on pipe fittings**		

Functional Space ID#	Location Identification	Homogenous Material Number	Material Description and Quantity	Response Measure	Hazard Rating Total
63-1071	The Galley Conference Room	HN-63-FT02	Floor tile – 9"x 9" beige with green and black streak – 1152 SF	5 – O&M	15
		HF-63-PI01	Insulated cement fittings on the DCW and HWH systems – 13 units	5 – O&M	22
		HF-63-PI03			
63-1072	Design Room	HN-63-L01	Linoleum – brown cobblestone countertop – 100 SF	5 – O&M	13
		HF-63-PI01	Insulated cement fittings and hangers on HWH system – 35 units Damaged fitting in southeast wall	2 – Encap*	29
63-1073	Computer Design	HN-63-L01	Linoleum – brown cobblestone countertop – 120 SF	5 – O&M	13
		HF-63-PI01	Insulated cement fittings and hangers on HWH system – 16 units	5- O&M	24
63-1074	Machine Shop	HN-63-L01	Linoleum – brown cobblestone countertop – 100 SF	5 – O&M	13
		HF-63-PI01	Insulated cement fittings and hangers on HWH system – 9 units	5 – O&M	24
63-1075	Wood Shop	HN-63-L01	Linoleum – brown cobblestone countertop – 95 SF	5 – O&M	13
		HF-63-PI01	Insulated cement fittings and hangers on HWH system – 15 units Damaged fitting in center of room by HVAC system.	2 – Encap*	34
		HF-63-V01	Fibreglass with cement seams and parging on HVAC system – 200 SF	5 – O&M	24
63-1076	Wood Shop Storage	HF-63-PI01	Insulated cement fittings on HWH system – 11 units	5 – O&M	24
		HF-63-PI02	Insulated cement fittings on RWL system – 4 units	2 – Encap*	34
		HF-63-FD01	An insulated cement fitting is damaged on the top of the balcony Suspect fire door – insulated backing leading to the exterior of the building – 2 units	-	-
63-1077	Transportation Tech	HF-63-PI01	Insulated cement fittings on the HWH system – 27 units There are four (4) damaged fittings on the east wall near the work bench	2 – Encap*	36
		HF-63-PI03	Insulated cement fitting on the DCW system – 16 units	5 – O&M	24
63-1078	Art Room	HN-68-FT08	Floor tile – 9"x 9" beige - 608 SF	5 – O&M	15
		HN-68-FT09	Floor tile – 9"x 9" turquoise – 608 SF	5 – O&M	15
		HN-68-FT02	Floor tile – 9"x 9" beige with green and black streak – 100 SF	5 – O&M	15
		HN-63-L01	Linoleum – brown cobblestone countertop – 72 SF.	5 – O&M	13
			There was no access above plaster ceiling at the time of inspection. Presume <b>asbestos</b> is present above solid plaster ceiling on pipe fittings**		

Functional Space ID#	Location Identification	Homogenous Material Number	Material Description and Quantity	Response Measure	Hazard Rating Total
63-1079	Boy's Washroom		There was no access above plaster ceiling at the time of inspection. Presume <b>asbestos</b> is present above solid plaster ceiling on pipe fittings**		
63-1080	Washroom		There was no access above plaster ceiling at the time of inspection. Presume <b>asbestos</b> is present above solid plaster ceiling on pipe fittings**		
63-1081	Custodian Room		There was no access above plaster ceiling at the time of inspection. Presume <b>asbestos</b> is present above solid plaster ceiling on pipe fittings**		
63-1082	Staff Workroom	HN-63-FT02	Floor tile – 9"x 9" beige with green and black speck – 192 SF	5 – O&M	15
			There was limited access above interlocking ceiling tiles at time of inspection. Presume <b>asbestos</b> is present above interlocking ceiling tiles on pipe fittings**		
63-1083	Custodian Room	HF-63-PI02	Insulated cement fittings on RWL system below ceiling beneath shelving – 1 unit	2 – Encap*	36
			There was no access above plaster ceiling at the time of inspection. Presume <b>asbestos</b> is present above solid plaster ceiling on pipe fittings**		
63-1084	Washroom		There was no access above plaster ceiling at the time of inspection. Presume <b>asbestos</b> is present above solid plaster ceiling on pipe fittings**		
63-1085	Custodian Lunch Room	HF-63-LG01	Foil faced light gasket – 1 unit in washroom	5 – O&M	21
			There was no access above plaster ceiling at the time of inspection. Presume <b>asbestos</b> is present above solid plaster ceiling on pipe fittings**		
63-1086	Storage		There was no access above plaster ceiling at the time of inspection. Presume <b>asbestos</b> is present above solid plaster ceiling on pipe fittings**		
63-1087	Technology Department	HN-63-FT02	Floor tile – 9"x 9" beige with green and black speck – 288 SF	5 – O&M	15
		HF-63-PI03	Insulated cement fittings above interlocking ceiling tiles on DCW system – 2 units	5 – O&M	22
			There was limited access above interlocking ceiling tiles at time of inspection. Presume <b>asbestos</b> is present above interlocking ceiling tiles on pipe fittings**		

Functional Space ID#	Location Identification	Homogenous Material Number	Material Description and Quantity	Response Measure	Hazard Rating Total
63-1088	Storage		There was no access above interlocking ceiling tiles at the time of inspection. Presume <b>asbestos</b> is present above solid plaster ceiling on pipe fittings at time of inspection**		
63-1089	Corridor		There was no access above plaster ceiling at the time of inspection. Presume <b>asbestos</b> is present above solid plaster ceiling on pipe fittings**		
63-1090	Stairwell		There was no access above plaster ceiling at the time of inspection. Presume <b>asbestos</b> is present above solid plaster ceiling on pipe fittings**		
63-1091	Transformer Room	HF-68-VER01	Vermiculite Insulation in one (1) electrical hole.	1-Removal	26
		HF-63-PI05	Limited access occurred during the visual inspection. Presume <b>asbestos</b> is present above plaster ceiling on approximately 30 pipe fittings at time of inspection**		
63-1092	Custodian Room	HF-63-PI05	Insulated cement fittings on HWH system – 60 units	5 – O&M	24
63-1093	Stairwell		There was no access above plaster ceiling at the time of inspection. Presume <b>asbestos</b> is present above solid plaster ceiling on pipe fittings**		
63-1094	Corridor	HF-63-DRW01	Drywall / joint compound above doors – 120 SF	5 – O&M	22
		HF-63-FP01	Fireproofing – above ceiling on perimeter beams and overspray on concrete block and the top of ceiling tiles. Ceiling tiles are to be repaired to seal the fireproofing debris and fibres above.	1-Removal	34
			This corridor was not accessed for pipe fittings at the time of inspection due to potential disturbance of fireproofing. Presume <b>asbestos</b> is present above interlocking ceiling tiles on approximately 12-20 pipe fittings**		
63-1095	Vestibule	HF-63-FP01	Fireproofing – above solid plaster ceiling.	5 – O&M	20
			There was no access above plaster ceiling at the time of inspection. Presume <b>asbestos</b> is present above solid plaster ceiling on pipe fittings**		

Functional Space ID#	Location Identification	Homogenous Material Number	Material Description and Quantity	Response Measure	Hazard Rating Total
63-1096	Lecture Hall	HF-63-P05	Plaster ceiling - Stippled finish – 1260 SF	5 – O&M	20
			There was no access above plaster ceiling at the time of inspection. Presume <b>asbestos</b> is present above solid plaster ceiling on pipe fittings**		
63-1097	Library	HF-63-P06	Plaster ceiling and walls above book shelving – popcorn finish – 3133 SF	5 – O&M	20
			There was no access above plaster ceiling at the time of inspection. Presume <b>asbestos</b> is present above solid plaster ceiling on pipe fittings**		
63-1098	Science Department (storage)	HN-63-FT08 HN-63-FT09	Floor tile – 9"x 9" beige – 324 SF Floor tile – 9"x 9" turquoise – 324 SF	5 – O&M 5 – O&M	15 15
			There was no access above drywall ceiling at the time of inspection. Presume <b>asbestos</b> is present above solid drywall ceiling on pipe fittings**		
63-1099	Science Office (EA Room)		There was no access above plaster ceiling at the time of inspection. Presume <b>asbestos</b> is present above solid plaster ceiling on pipe fittings**		
63-1100	Office Area		There was no access above plaster ceiling at the time of inspection. Presume <b>asbestos</b> is present above solid plaster ceiling on pipe fittings**		
63-1101	Girl's Washroom		There was no access above plaster ceiling at the time of inspection. Presume <b>asbestos</b> is present above solid plaster ceiling on pipe fittings**		
	<b>1963 – Second Floor</b>				
63-2001	Corridor		Limited access occurred during the visual inspection. Presume <b>asbestos</b> is present above tin pan ceiling on approximately 30 pipe fittings at time of inspection**		
63-2002	Stairwell (SE)		There was no access above plaster ceiling at the time of inspection. Presume <b>asbestos</b> is present above solid plaster ceiling on pipe fittings**		
63-2003	Custodian Room	HF-63-PI05	Insulated cement fittings on HWH system – 7 units	5 – O&M	24
63-2004	Custodian Room	HF-63-PI05	Insulated cement fittings on HWH system – 17 units	5 – O&M	26
63-2005	Staff Washroom		There was no access above plaster ceiling at the time of inspection. Presume <b>asbestos</b> is present above solid plaster ceiling on pipe fittings**		

Functional Space ID#	Location Identification	Homogenous Material Number	Material Description and Quantity	Response Measure	Hazard Rating Total
63-2006	Boy's Washroom		There was no access above plaster ceiling at the time of inspection. Presume <b>asbestos</b> is present above solid plaster ceiling on pipe fittings**		
63-2007	Family Studies (Rm 201)	HN-63-FT02	Floor tile - 9"x 9" beige with green and black speck - 1000 SF	5 - O&M	15
		HN-63-L01	Linoleum - brown cobblestone countertop - 165 SF	5 - O&M	11
			Limited access occurred during the visual inspection. Presume <b>asbestos</b> is present above interlocking ceiling tiles on pipe fittings at time of inspection**		
63-2008	Family Studies (Rm 202)	HN-63-FT02	Floor tile - 9"x 9" beige with green and black speck - 54 SF	5 - O&M	15
			There was no access above interlocking ceiling tiles at the time of inspection. Presume <b>asbestos</b> is present above solid interlocking ceiling tiles on pipe fittings**		
63-2009	Family Studies Laundry Area	HN-63-FT02	Floor tile - 9"x 9" beige with green and black speck 0 275 SF	5 - O&M	15
			There was no access above interlocking ceiling tiles at the time of inspection. Presume <b>asbestos</b> is present above interlocking ceiling tiles on pipe fittings**		
63-2010	Family Studies Room 202	HN-63-FT02	Floor tile - 9" x 9" beige with green and black speck - 500 SF	5 - O&M	15
			There was no access above interlocking ceiling tiles at the time of inspection. Presume <b>asbestos</b> is present above solid interlocking ceiling tiles on pipe fittings**		
63-2011	Classroom 203	HN-63-FT02	Floor tile - beige with green and black speck - 896 SF	5 - O&M	15
			There was no access above interlocking ceiling tiles at the time of inspection. Presume <b>asbestos</b> is present above solid interlocking ceiling tiles on pipe fittings**		
63-2012	Stairwell (NE)		There was no access above plaster ceiling at the time of inspection. Presume <b>asbestos</b> is present above solid plaster ceiling on pipe fittings**		



Functional Space ID#	Location Identification	Homogenous Material Number	Material Description and Quantity	Response Measure	Hazard Rating Total
63-2013	Classroom 204	HN-63-FT02	Floor tile – 9"x 9" beige with green and black speck – 950 SF	5 – O&M	15
		HN-63-L01	Linoleum – brown cobblestone countertop – 90 SF	5 – O&M	11
			There was no access above interlocking ceiling tiles at the time of inspection. Presume <b>asbestos</b> is present above solid interlocking ceiling tiles on pipe fittings**		
63-2014	Classroom 205	HN-63-FT02	Floor tile – 9"x 9" beige with green and black speck – 950 SF	5 – O&M	15
		HN-63-L01	Linoleum – brown cobblestone countertop – 100 SF	5 – O&M	11
			There was no access above interlocking ceiling tiles at the time of inspection. Presume <b>asbestos</b> is present above solid interlocking ceiling tiles on pipe fittings**		
63-2015	Geography Classroom 206	HN-63-FT02	Floor tile – 9"x 9" beige with green and black speck – 950 SF	5 – O&M	15
		HN-63-L01	Linoleum – brown cobblestone countertop – 190 SF	5 – O&M	11
			There was no access above interlocking ceiling tiles at the time of inspection. Presume <b>asbestos</b> is present above solid interlocking ceiling tiles on pipe fittings**		
63-2016	Geography Office	HN-63-FT02	Floor tile – 9"x 9" beige with green and black speck – 950 SF	5 – O&M	15
			There was no access above interlocking ceiling tiles at the time of inspection. Presume <b>asbestos</b> is present above solid interlocking ceiling tiles on pipe fittings**		
63-2017	Classroom 207	HN-63-FT02	Floor tile – 9"x 9" beige with green and black speck – 950 SF	5 – O&M	15
		HN-63-L01	Linoleum – brown cobblestone countertop – 190 SF	5 – O&M	11
			There was no access above interlocking ceiling tiles at the time of inspection. Presume <b>asbestos</b> is present above solid interlocking ceiling tiles on pipe fittings**		
63-2018	Health Room		Findings and analytical testing determined building materials containing asbestos minerals are not present in the Health Room at the time of inspection.		

Functional Space ID#	Location Identification	Homogenous Material Number	Material Description and Quantity	Response Measure	Hazard Rating Total
63-2019	Health / P.E Room		Findings and analytical testing determined building materials containing asbestos minerals are not present in the Health / P.E Room at the time of inspection.		
63-2020	D Block Heat Supply	HF-63-V01 HF-63-PI01	Fibreglass with cement seams and parging on HVAC system – 360 SF Insulated cement fittings on HWH system – 38 units A fitting is damaged near the CP064 system by the valve on the North wall	5 – O&M 2 – Encap*	24 34
63-2021	Corridor	HF-63-V01	Fibreglass with cement seams and parging on HVAC system – 75 SF	5 – O&M	24
63-2022	Storage		Findings and analytical testing determined building materials containing asbestos minerals are not present in the Storage Room at the time of inspection. The ductwork is not insulated.		
63-2023	Upper Stage		This functional space is calculated with the stage (F.S 63-1055)		
63-2024	Storage Ventilation		Findings and analytical testing determined building materials containing asbestos minerals are not present in the Storage Ventilation Room at the time of inspection. The ductwork is not insulated.		
63-2025	Mechanical Room	HF-63-PI01 HF-63-V01 HF-63-PI02	Insulated cement fittings on HWH system – 17 units Damaged fittings are found on the west wall into the wall cavity Fibreglass with cement seams and parging on HVAC system – 360 SF Insulated cement fittings on RWL system – 4 units	2 – Encap* 5 – O&M 5 – O&M	27 22 22
63-2026	Corridor	HF-63-V01	Fibreglass with cement seams and parging on HVAC system – 100 SF	5 - O&M	22
63-2027	Workout Room		Findings and analytical testing determined building materials containing asbestos minerals are not present in the Workout Room at the time of inspection.		
63-2028	Music Kitchen	HN-63-L01	Linoleum – brown cobblestone countertop – 12 LF	5 – O&M	11
			Access to ceiling space is limited at the time of inspection because of musical chairs and stands below. Presume <b>asbestos</b> is present above ceiling tiles on pipe fittings at time of inspection**		

Functional Space ID#	Location Identification	Homogenous Material Number	Material Description and Quantity	Response Measure	Hazard Rating Total
63-2029	Music Room		Access to ceiling space is limited at the time of inspection because of musical chairs and stands below. Presume <b>asbestos</b> is present above ceiling tiles on pipe fittings at time of inspection**		
63-2030	Music Room		Access to ceiling space is limited at the time of inspection because of musical chairs and stands below. Presume <b>asbestos</b> is present above ceiling tiles on pipe fittings at time of inspection**		
63-2031	Music Room		Access to ceiling space is limited at the time of inspection because of musical chairs and stands below. Presume <b>asbestos</b> is present above ceiling tiles on pipe fittings at time of inspection**		
63-2032	Music Room		Access to ceiling space is limited at the time of inspection because of musical chairs and stands below. Presume <b>asbestos</b> is present above ceiling tiles on pipe fittings at time of inspection**		
63-2033	Mechanical Room	HF-63-V01	Fibreglass with cement seams and parging on HVAC system – 418 SF	2 – Encap*	27
		HF-63-PI01	Damage in insulation on west wall and south wall Insulated cement fittings and debris on HWH system – 6 units These fittings and debris are damaged by the window	1–Removal	37
		HF-63-PI02	Insulated cement fittings on RWL system – 6 units	5 – O&M	22
63-2034	Music Stairwell		There was no access above plaster ceiling at the time of inspection. Presume <b>asbestos</b> is present above solid plaster ceiling on pipe fittings**		
63-2035	Stairwell to Outdoors		There was no access above plaster ceiling at the time of inspection. Presume <b>asbestos</b> is present above solid plaster ceiling on pipe fittings**		
	<b>1963 Third Floor</b>				
63-3001	Corridor		Limited access occurred during the visual inspection. Presume <b>asbestos</b> is present above tin pan ceiling on approximately 30 pipe fittings at time of inspection**		

Functional Space ID#	Location Identification	Homogenous Material Number	Material Description and Quantity	Response Measure	Hazard Rating Total
63-3002	Stairwell (SE)		There was no access above plaster ceiling at the time of inspection. Presume <b>asbestos</b> is present above solid plaster ceiling on pipe fittings**		
63-3003	Custodian	HF-63-PI05	Insulated cement fittings on HWH system – 8 units	5 – O&M	24
		HF-63-PI03	Insulated cement fittings on DCW system – 4 units	5 – O&M	24
63-3004	Custodian	HF-63-PI05	Insulated cement fittings on HWH system – 8 units	5 – O&M	24
		HF-63-PI03	Insulated cement fittings on DCW system – 17 units Damaged valve is visibly evident.	2 – Encap*	31
63-3005	Staff Washroom		There was no access above plaster ceiling at the time of inspection. Presume <b>asbestos</b> is present above solid plaster ceiling on pipe fittings**		
63-3006	Girl's Washroom		There was no access above plaster ceiling at the time of inspection. Presume <b>asbestos</b> is present above solid plaster ceiling on pipe fittings**		
63-3007	Classroom 301 (French Room)		There was no access above interlocking ceiling tiles at the time of inspection. Presume <b>asbestos</b> is present above solid interlocking ceiling tiles on pipe fittings**		
63-3008	Classroom 302 (French Room)		There was no access above interlocking ceiling tiles at the time of inspection. Presume <b>asbestos</b> is present above solid interlocking ceiling tiles on pipe fittings**		
63-3009	Classroom 303	HN-63-FT02	Floor tile - 9" x 9" beige with green and black speck - 960 SF	5 – O&M	15
		HF-63-PI01	Insulated cement fittings on HWH system – 7 units	5 – O&M	22
63-3010	Stairwell (NE)		There was no access above plaster ceiling at the time of inspection. Presume <b>asbestos</b> is present above solid plaster ceiling on pipe fittings**		
63-3011	Classroom 304	HF-63-PI01	Insulated cement fittings on HWH system – 4 units	5 – O&M	22
63-3012	Classroom 305 (Art)	HN-63-FT12	Floor Tile – 9" x 9" mocha with brown splotches – 650 SF	5- O&M	15
		HN-63-L01	Linoleum – brown cobblestone countertop – 54 SF	5 – O&M	11
		HF-63-PI01	Insulated cement fittings on HWH system – 8 units	5 – O&M	22

Functional Space ID#	Location Identification	Homogenous Material Number	Material Description and Quantity	Response Measure	Hazard Rating Total
63-3013	Classroom 306	HN-63-FT11	Floor tile – 12" x 12" mushroom – 168 SF	5 – O&M	15
		HN-63-FT13	Floor tile – 9" x 9" mint green with white – 735	5 – O&M	15
		HN-63-FT14	Floor tile – 9" x 9" beige with blue streak	5 – O&M	15
63-3014	Staff Workroom	HN-63-FT13	Floor tile- 9" x 9" mint green with white streak – 378 SF	5 – O&M	15
		HN-63-FT08	Floor tile – 9" x 9" beige – 378 SF	5 – O&M	15
63-3015	Classroom 307 (English)	HN-63-FT13	Floor tile – 9" x 9" mint green with white streak – 378 SF	5 – O&M	15
			There was no access above interlocking ceiling tiles at the time of inspection. Presume <b>asbestos</b> is present above solid interlocking ceiling tiles on pipe fittings**		
	<b>1963 – Fourth Floor</b>				
63-4001	Corridor	HF-63-PI01	Insulated cement fittings on HWH system – 2 units	1-Removal	32
		HF-63-PI02	Insulated cement parging on RWL system	1-Removal	32
			Limited access occurred during the visual inspection. Presume <b>asbestos</b> is present above tin pan ceiling on approximately 30 pipe fittings at time of inspection**		
63-4002	Stairwell (SE)		There was no access above plaster ceiling at the time of inspection. Presume <b>asbestos</b> is present above solid plaster ceiling on pipe fittings**		
63-4003	Custodian	HF-63-PI05	Insulated cement fittings on HWH system – 9 units	5 – O&M	24
63-4004	Custodian	HF-63-PI05	Insulated cement fittings on HWH system – 20 units	5 – O&M	26
63-4005	Science Store Room		There was no access above plaster ceiling at the time of inspection. Presume <b>asbestos</b> is present above solid plaster ceiling on pipe fittings**		
63-4006	Corridor to Boy's Washroom		Limited access occurred during the visual inspection. Presume <b>asbestos</b> is present above tin pan ceiling on approximately 8 pipe fittings at time of inspection**		
63-4007	Boy's Washroom		There was no access above plaster ceiling at the time of inspection. Presume <b>asbestos</b> is present above solid plaster ceiling on pipe fittings**		
63-4008	Storage		There was no access above plaster ceiling at the time of inspection. Presume <b>asbestos</b> is present above solid plaster ceiling on pipe fittings**		

Functional Space ID#	Location Identification	Homogenous Material Number	Material Description and Quantity	Response Measure	Hazard Rating Total
63-4009	Classroom 401	HN-63-FT02	Floor tile – 9" x 9" beige with green and black speck – 720 SF	5 – O&M	15
			There was no access above interlocking ceiling tiles at the time of inspection. Presume <b>asbestos</b> is present above solid interlocking ceiling tiles on pipe fittings**		
63-4010	Classroom 402	HN-63-FT02	Floor tile – 9" x 9" beige with green and black speck – 720 SF	5 – O&M	15
63-4011	Classroom 403 (science)	HN-63-L01	Linoleum – brown cobblestone countertops – 48 SF	5 – O&M	11
			There was no access above interlocking ceiling tiles at the time of inspection. Presume <b>asbestos</b> is present above solid interlocking ceiling tiles on pipe fittings**		
63-4012	Stairwell (NE)		There was no access above plaster ceiling at the time of inspection. Presume <b>asbestos</b> is present above solid plaster ceiling on pipe fittings**		
63-4013	Classroom 404		There was no access above interlocking ceiling tiles at the time of inspection. Presume <b>asbestos</b> is present above solid interlocking ceiling tiles on pipe fittings**		
63-4014	Lab Storage	HN-63-L01	Linoleum – brown cobblestone countertop – 85 SF	5 – O&M	11
			There was no access above interlocking ceiling tiles at the time of inspection. Presume <b>asbestos</b> is present above solid interlocking ceiling tiles on pipe fittings**		
63-4015	Lab Storage		There was no access above interlocking ceiling tiles at the time of inspection. Presume <b>asbestos</b> is present above solid interlocking ceiling tiles on pipe fittings**		
63-4016	Classroom 405 (Science)	HN-63-L01	Linoleum – brown cobblestone countertop – 21 SF	5 – O&M	11
63-4017	Classroom 406 (Science)		There was no access above interlocking ceiling tiles at the time of inspection. Presume <b>asbestos</b> is present above solid interlocking ceiling tiles on pipe fittings**		
63-4018	Storage	HN-63-FT02	Floor tile – 9" x 9" beige with green and black speck – 48 SF	5 – O&M	15
			There was no access above interlocking ceiling tiles at the time of inspection. Presume <b>asbestos</b> is present above solid interlocking ceiling tiles on pipe fittings**		

Functional Space ID#	Location Identification	Homogenous Material Number	Material Description and Quantity	Response Measure	Hazard Rating Total
63-4019	Stairwell	HN-63-FT02	Floor tile – 9" x 9" beige with green and black speck – 48 SF There was no access above plaster ceiling at the time of inspection. Presume <b>asbestos</b> is present above solid plaster ceiling on pipe fittings**	5 – O&M	15
63-4020	Classroom 407 (History)	HN-63-FT02	Floor tile – 9" x 9" beige with green and black speck – 567 SF There was no access above interlocking ceiling tiles at the time of inspection. Presume <b>asbestos</b> is present above solid interlocking ceiling tiles on pipe fittings**	5 – O&M	15
	<b>1963 – Fifth Floor</b>				
63-5001	Common Area		Findings and analytical testing determined building materials containing asbestos minerals are not present in the Common Area at the time of inspection.		
63-5002	Water Tank Room		Findings and analytical testing determined building materials containing asbestos minerals are not present in the Water Tank Room at the time of inspection.		
63-5003	Storage		Findings and analytical testing determined building materials containing asbestos minerals are not present in the Storage Room at the time of inspection.		
63-5004	Washroom		Findings and analytical testing determined building materials containing asbestos minerals are not present in the Washroom at the time of inspection.		
63-5005	Stairwell (SE)		Findings and analytical testing determined building materials containing asbestos minerals are not present in the Stairwell at the time of inspection.		
63-5006	Stairwell		Findings and analytical testing determined building materials containing asbestos minerals are not present in the Stairwell at the time of inspection.		

Functional Space ID#	Location Identification	Homogenous Material Number	Material Description and Quantity	Response Measure	Hazard Rating Total
	<b>1968 Addition - Basement</b>				
68-B001	Greenhouse Basement	HF-63-PI01	Insulated cement fittings on HWH system – 12 units	5 – O&M	24
68-B002	Greenhouse Crawlspace	HF-63-PI01 HF-63-PI03	Insulated cement fittings on HWH and DCW systems – 17 units	5 – O&M	22
	<b>1968 Addition – First Floor</b>				
68-1001	Corridor	HF-68-S01	Fireproofing on I beams and over spray on concrete blocks, metal Q deck above ceiling tiles. Type II entry is required if entering above ceiling tiles. Removal is required if renovations occur. There are continuous and non continuous seals between rooms and the corridor, therefore contamination are likely.	1-Removal	32
		HF-63-PI02	Insulated cement fitting on RWL – 1 unit with cement parging	1-Removal	32
		HF-63-PI01 HF-63-PI03	Insulated cement fittings on HWH and DCW systems covered with fireproofing material – 60 units	5 – O&M	22
68-1002	Corridor	HF-68-DRW02	Drywall and caulking above corridor doors – 150 SF	5 – O&M	20
		HF-68-S01	Fireproofing on I beams and over spray on cross braces, concrete blocks, metal deck above ceiling tiles. Type II entry is required if entering above ceiling tiles. Removal is required if renovations occur. Penetration holes into rooms from corridor have potential for asbestos contamination.	1-Removal	32
		HF-63-PI01 HF-63-PI03	Insulated cement fittings on HWH and DCW systems covered with fireproofing material– approximately 40 units	5 – O&M	22
68-1003	Vestibule	HF-68-S01	Fireproofing on I beams and over spray on concrete blocks, metal Q deck above ceiling tiles. Type II entry is required if entering above ceiling tiles. Removal is required if renovations occur.	1-Removal	32
68-1004	Theatre Room 110	HF-63-PI01	Insulated cement fittings on HWH system – 34 units	5 – O&M	22



Functional Space ID#	Location Identification	Homogenous Material Number	Material Description and Quantity	Response Measure	Hazard Rating Total
68-1005	Engine Shop Class	HF-68-MB01	Millboard ceiling in the welding section – 240SF	5 – O&M	22
		HN-68-TR02	Transite board separators in the welding section and fume hood – 90 SF	5 – O&M	20
		HF-63-PI01	Insulated cement fittings on HWH system – 10 units	5 – O&M	24
			There was limited access above plaster ceiling at the time of inspection. Presume <b>asbestos</b> is present above solid plaster ceiling on pipe fittings**		
68-1006	Technology Room	HN-68-FT01A	Floor tile – 9" x 9" white – 167 SF	5 – O&M	15
		HN-68-FT01B	Floor tile – 9" x 9" maroon – 167 SF	5 – O&M	15
		HN-68-FT01C	Floor tile – 9" x 9" tan – 167 SF	5 – O&M	15
		HF-68-DRW02	Drywall and caulking above doors and windows entering other rooms – 100 SF	5 – O&M	20
		HF-63-PI01	Insulated cement fittings on HWH system – 8 units	5 – O&M	24
68-1007	Skill's Work Room	HN-68-FT01A	Floor tile – 9" x 9" white – 27 SF	5 – O&M	15
		HN-68-FT01B	Floor tile – 9" x 9" maroon – 27 SF	5 – O&M	15
		HN-68-FT01C	Floor tile – 9" x 9" tan – 27 SF	5 – O&M	15
		HF-68-DRW02	Drywall and caulking above doors and windows entering main classroom – 100 SF	5 – O&M	20
		HF-63-PI01	Insulated cement fittings on HWH system – 7 units	5 – O&M	24
68-1008	Storage	HN-68-FT01A	Floor tile – 9" x 9" white – 27 SF	5 – O&M	15
		HN-68-FT01B	Floor tile – 9" x 9" maroon – 27 SF	5 – O&M	15
		HN-68-FT01C	Floor tile – 9" x 9" tan – 27 SF	5 – O&M	15
		HF-68-DRW02	Drywall and caulking above doors and windows entering main classroom - 6 SF	5 – O&M	20
68-1009	Physic's Classroom	HN-68-FT05	Floor tile – 9" x 9" blue with white speck – 1550 SF	5 – O&M	15
		HF-63-PI01	Insulated cement fittings on HWH system – 5 units	5 – O&M	24
68-1010	Closet	HN-68-FT05	Floor tile – 9" x 9" blue with white speck – 54 SF	5 – O&M	15
		HF-63-PI01	Insulated cement fittings on HWH system – 1 unit	5 – O&M	24
		HF-63-PI03	Insulated cement fittings on DCW system – 6 units	5 – O&M	24
68-1011	Physic's Staff / Storage Room	HN-63-FT01	Floor tile – 9" x 9" beige with green and black speck – 144 SF	5 – O&M	15
68-1012	TV / Book Storage Room	HN-68-L01	Linoleum – pink cobblestone – 80 SF	5 – O&M	15

Functional Space ID#	Location Identification	Homogenous Material Number	Material Description and Quantity	Response Measure	Hazard Rating Total
68-1013	Classroom (Chemistry)	HN-63-FT01	Floor tile – 9" x 9" beige with brown speck – 112 SF	5 – O&M	15
		HN-68-TR02	Transite board as ceiling and walls in fume hoods – 36 SF	5 – O&M	18
68-1014	Stairwell (South)	HF-68-DRW02	Drywall and caulking above the doors leading to the corridor – 250 SF	5 – O&M	20
			There was no access above plaster ceiling at the time of inspection. Presume <b>asbestos</b> is present above solid plaster ceiling on pipe fittings**		
68-1015	Horticulture Classroom	HF-63-PI01	Insulated cement fittings on HWH system – 6 units	5 – O&M	22
		HF-68-S01	Fireproofing in exterior overhang that leads into this classroom. It is required that the ceiling tiles be encapsulated and enclosed so exposure to fireproofing is minimal.	2- Encap* 3 – Enclose	32
68-1016	Horticulture Storage Room	-	Findings and analytical testing determined building materials containing asbestos minerals are not present in the Horticulture Storage Room at the time of inspection.	-	-
68-1017	Greenhouse	-	Findings and analytical testing determined building materials containing asbestos minerals are not present in the Greenhouse at the time of inspection.	-	-
68-1018	Vestibule	HF-68-S01	Fireproofing and over spray on concrete blocks and metal deck above ceiling. Removal is required if renovations occur.	1-Removal	32
			Presume asbestos above ceiling on approximately 6-12 pipe fittings. These fittings are presumed to be contaminated with fireproofing overspray.		
68-1019	Hot Water Room	HF-63-PI01 HF-63-PI03	Insulated cement fittings on HWH and DCW systems – approximately 40 units	5 – O&M	26
68-1020	Emergency Generator Room	HN-68-TR02	Transite board on mini portable transformer – 4 SF	5 – O&M	13
		HF-68-S01	Fireproofing overspray is visible from a cable penetration in the concrete block above the ceiling tiles. It is also visibly evident that overspray occurred in the overhang of the parking lot.	1-Removal	32

Functional Space ID#	Location Identification	Homogenous Material Number	Material Description and Quantity	Response Measure	Hazard Rating Total
68-1021	Co-op Office	HN-68-FT01A HN-68-FT01C HF-68-S01	Floor tile – 9" x 9" white – 198 SF Floor tile – 9" x 9" tan – 198 SF Fireproofing overspray is visible from a cable and clock penetration in the concrete block on the Q deck, top of ceiling tiles, and web joists above the ceiling tiles. The I beam does not run tight against the concrete slabs from the corridor to this room.	5 – O&M 5 – O&M 1-Removal	15 15 32
68-1022	Washroom	HN-68-FT01A	Floor tile – 9" x 9" white – 18 SF There was no access above interlocking ceiling tiles at the time of inspection. Presume <b>asbestos</b> is present above solid interlocking ceiling tiles on pipe fittings**	5 – O&M	15
68-1023	Washroom	HF-68-S01	Fireproofing overspray is visible from a cable penetration in the concrete block on the Q deck, top of ceiling tiles, and web joists above the ceiling tiles. The I beam does not run tight against the concrete slabs from the corridor to this room.	1-Removal	32
	1968 Addition – Second Floor				
68-2001	Corridor	HF-68-DRW02	Drywall and caulking above doors leading to the other corridor – 60 SF Fireproofing above ceiling tiles on I beams, over spray on concrete blocks, metal Q deck, cross braces and debris on top of the ceiling tiles. Type II entry is required if entering above ceiling tiles. The I beams will be impossible to fully clean because of its position with the pipe chase. This corridor was not accessed for pipe fittings at the time of inspection due to potential disturbance of fireproofing. Presume <b>asbestos</b> is present above ceiling tiles on approximately 60 pipe fittings**	5 – O&M 1-Removal	20 32

Functional Space ID#	Location Identification	Homogenous Material Number	Material Description and Quantity	Response Measure	Hazard Rating Total
68-2002	Corridor	HF-68-DRW02	Drywall and caulking above doors leading to stairs – 60 SF	5 – O&M	20
			Fireproofing above ceiling tiles on I beams, over spray on concrete blocks, metal Q deck, cross braces and debris on top of the ceiling tiles. Type II entry is required if entering above ceiling tiles.	1-Removal	32
			This corridor was not accessed for pipe fittings at the time of inspection due to potential disturbance of fireproofing. Presume <b>asbestos</b> is present above ceiling tiles on approximately 50 pipe fittings**		
68-2003	Stairwell (S)	HF-68-DRW02	Drywall and caulking above doors leading to stairs – 60 SF	5 – O&M	20
		HN-63-P05	Plaster ceiling – stippled finish – 220 SF	5 – O&M	20
68-2004	Storage	HN-63-FT01	Floor tile – 9" x 9" beige with brown streak – 153 SF	5 – O&M	15
			There was no access above interlocking ceiling tiles at the time of inspection. Presume <b>asbestos</b> is present above solid interlocking ceiling tiles on pipe fittings**		
68-2005	Classroom 212 (Computer)	HN-63-FT01	Floor tile – 9" x 9" beige with brown speck – 700 SF	5 – O&M	15
		HN-68-FT07	Floor tile – 9" x 9" green with white streak – 20 SF	5 – O&M	15
			There was no access above interlocking ceiling tiles at the time of inspection. Presume <b>asbestos</b> is present above solid interlocking ceiling tiles on pipe fittings**		
68-2006	Classroom 213	HN-63-FT01	Floor tile – 9" x 9" beige with brown speck – 750 SF	5 – O&M	15
		HN-68-FT01C	Floor tile – 9" x 9" tan – 144 SF	5 – O&M	15
			There was no access above interlocking ceiling tiles at the time of inspection. Presume <b>asbestos</b> is present above solid interlocking ceiling tiles on pipe fittings**		
68-2007	Staff Workroom	HN-63-FT01	Floor tile – 9" x 9" beige with brown speck – 240 SF	5 – O&M	15
			There was no access above interlocking ceiling tiles at the time of inspection. Presume <b>asbestos</b> is present above solid interlocking ceiling tiles on pipe fittings**		

Functional Space ID#	Location Identification	Homogenous Material Number	Material Description and Quantity	Response Measure	Hazard Rating Total
68-2008	Classroom	HN-63-FT01	Floor tile – 9" x 9" beige with brown speck – 240 SF	5 – O&M	15
		HN-68-FT01C	Floor tile – 9" x 9" tan – 240 SF	5 – O&M	15
			There was no access above interlocking ceiling tiles at the time of inspection. Presume <b>asbestos</b> is present above solid interlocking ceiling tiles on pipe fittings**		
68-2009	Office	HN-63-FT01	Floor tile – 9" x 9" beige with brown speck – 40 SF	5 – O&M	15
		HN-68-FT01C	Floor tile – 9" x 9" tan – 40 SF	5 – O&M	15
			There was no access above interlocking ceiling tiles at the time of inspection. Presume <b>asbestos</b> is present above solid interlocking ceiling tiles on pipe fittings**		
68-2010	Photocopy Room	HN-63-FT01	Floor tile – 9" x 9" beige with brown speck -40 SF	5 – O&M	15
		HN-68-FT01C	Floor tile – 9" x 9" tan – 40 SF	5 – O&M	15
			There was no access above interlocking ceiling tiles at the time of inspection. Presume <b>asbestos</b> is present above solid interlocking ceiling tiles on pipe fittings**		
68-2011	Classroom 211 (Computer Room)	HN-63-FT01	Floor tile – 9" x 9" beige with brown streak – 900 SF	5 – O&M	15
		HN-68-FT08 HF-63-PI01	Floor tile – 9" x 9" yellow – 400 SF Insulated cement fittings on HWH system above ceiling tiles. Quantities of pipe fittings are unknown because of limited access above interlocking ceiling tiles.	5 – O&M -	15 -
		HF-68-S01	Possible fireproofing overspray from a cable penetration hole through the concrete block above the interlocking ceiling tiles. There is possible contamination from the corridor.	1-Removal	32
68-2012	Classroom 210 (Computer Room)	HN-63-FT01	Floor tile – 9" x 9" beige with brown streak – 900 SF	5 – O&M	15
		HN-68-FT01C HF-63-PI01	Floor tile – 9" x 9" tan – 400 SF Insulated cement fittings on HWH system above ceiling tiles. Quantities of pipe fittings are unknown because of limited access above interlocking ceiling tiles.	5 – O&M -	15 -
		HF-68-S01	Possible fireproofing overspray from a cable penetration hole through the concrete block above the interlocking ceiling tiles. There is possible contamination from the corridor.	1-Removal	32

Functional Space ID#	Location Identification	Homogenous Material Number	Material Description and Quantity	Response Measure	Hazard Rating Total
68-2013	Classroom 215		There was no access above interlocking ceiling tiles at the time of inspection. Presume <b>asbestos</b> is present above solid interlocking ceiling tiles on pipe fittings**		
68-2014	Classroom 209 (Computer Room)	HN-63-FT01	Floor tile – 9" x 9" beige with brown streak – 900 SF	5 – O&M	15
		HN-68-FT07	Floor tile – 9" x 9" green with white streak – 400 SF	5 – O&M	15
			There was no access above interlocking ceiling tiles at the time of inspection. Presume <b>asbestos</b> is present above solid interlocking ceiling tiles on pipe fittings**		
68-2015	Girl's Washroom		There was no access above interlocking ceiling tiles at the time of inspection. Presume <b>asbestos</b> is present above solid interlocking ceiling tiles on pipe fittings**		
68-2016	Office	HN-63-FT01	Floor tile – 9" x 9" beige with brown streak – 180 SF	5 – O&M	15
		HN-68-FT07	Floor tile – 9" x 9" green with white streak – 180 SF	5 – O&M	15
			There was no access above interlocking ceiling tiles at the time of inspection. Presume <b>asbestos</b> is present above solid interlocking ceiling tiles on pipe fittings**		
68-2017	Business Department Office	HN-63-FT01	Floor tile – 9" x 9" beige with brown streak - 80 SF	5 – O&M	15
		HN-68-FT07	Floor tile – 9" x 9" green with white streak – 80 SF	5 – O&M	15
			There was no access above interlocking ceiling tiles at the time of inspection. Presume <b>asbestos</b> is present above solid interlocking ceiling tiles on pipe fittings**		
68-2018	Classroom 208 (Drama)	HN-63-FT01	Floor tile – 9" x 9" beige with brown streak - 360 SF	5 – O&M	15
		HN-68-FT07	Floor tile – 9" x 9" green with white streak – 360 SF	5 – O&M	15
			There was no access above interlocking ceiling tiles at the time of inspection. Presume <b>asbestos</b> is present above solid interlocking ceiling tiles on pipe fittings**		

Functional Space ID#	Location Identification	Homogenous Material Number	Material Description and Quantity	Response Measure	Hazard Rating Total
68-2019	Storage	HN-63-FT01	Floor tile – 9" x 9" beige with brown streak – 360 SF	5 – O&M	15
		HN-63-FT07	Floor tile – 9" x 9" blue with white streak – 360 SF	5 – O&M	15
			There was no access above interlocking ceiling tiles at the time of inspection. Presume <b>asbestos</b> is present above solid interlocking ceiling tiles on pipe fittings**		
68-2020	Crawl Space / Pipe Chase	HF-68-S01	Fireproofing throughout crawlspace. Type II entry is required when entering this space. Removal is required if renovations or demolition occurs.	1-Removal	32
		HN-68-TR01	Transite Panels on the exterior windows are in this pipe chase because of the new addition.	5 – O&M	16
		HN-68-PI01	Cloth Insulation and Paper Insulation on the RWL system – 40-60LF	5 – O&M	21
		HF-68-VER01	Vermiculite Insulation	1 -Removal	24
	1968 Addition – Third Floor				
68-3001	Corridor	HF-68-DRW02	Drywall and caulking above doors leading to other corridor – 30 SF	5 – O&M	20
			Fireproofing above ceiling tiles on I beams, over spray on concrete blocks, metal Q deck, cross braces and debris on top of the ceiling tiles. Type II entry is required if entering above ceiling tiles.	1-Removal	34
			This corridor was not accessed for pipe fittings at the time of inspection due to potential disturbance of fireproofing. Presume <b>asbestos</b> is present above ceiling tiles on approximately 60 pipe fittings**		

Functional Space ID#	Location Identification	Homogenous Material Number	Material Description and Quantity	Response Measure	Hazard Rating Total
68-3002	Corridor	HF-68-DRW02	Drywall and caulking above doors leading to other corridor and stairs– 60 SF	5 – O&M	20
			Fireproofing above ceiling tiles on I beams, over spray on concrete blocks, metal Q deck, cross braces and debris on top of the ceiling tiles. Type II entry is required if entering above ceiling tiles.	1-Removal	34
			This corridor was not accessed for pipe fittings at the time of inspection due to potential disturbance of fireproofing. Presume <b>asbestos</b> is present above ceiling tiles on approximately 50 pipe fittings**		
68-3003	Stairwell (S)	HF-68-DRW02	Drywall and caulking above doors leading to corridor – 30 SF	5 – O&M	20
			There was no access above interlocking ceiling tiles at the time of inspection. Presume <b>asbestos</b> is present above solid interlocking ceiling tiles on pipe fittings**		
68-3004	Mathematics Room	HN-63-FT01	Floor tile – 9" x 9" beige with brown speck – 75 SF	5 – O&M	15
		HN-68-FT07	Floor tile – 9" x 9" green with white streak – 75 SF	5 – O&M	15
			There was no access above interlocking ceiling tiles at the time of inspection. Presume <b>asbestos</b> is present above solid interlocking ceiling tiles on pipe fittings**		
68-3005	Storage	HN-63-FT01	Floor tile – 9" x 9" beige with brown speck – 65 SF	5- O&M	15
			There was no access above interlocking ceiling tiles at the time of inspection. Presume <b>asbestos</b> is present above solid interlocking ceiling tiles on pipe fittings**		
68-3006	Classroom 314	HN-63-FT01	Floor tile – 9" x 9" beige with brown streak – 375 SF	5 – O&M	15
		HN-68-FT07	Floor tile – 9" x 9" green with white speck – 75 SF	5 – O&M	15
			There was no access behind plaster bulkhead and interlocking ceiling tiles at the time of inspection. Presume <b>asbestos</b> is present on pipe fittings**		



Functional Space ID#	Location Identification	Homogenous Material Number	Material Description and Quantity	Response Measure	Hazard Rating Total
68-3007	Classroom 315 (Mathematics)	HN-63-FT01	Floor tile – 9" x 9" beige with brown streak – 375 SF	5 – O&M	15
		HN-68-FT08	Floor tile – 9" x 9" yellow – 375 SF	5 – O&M	15
			There was no access behind plaster bulkhead and interlocking ceiling tiles at the time of inspection. Presume <b>asbestos</b> is present on pipe fittings**		
68-3008	Classroom 316 (Mathematics)		There was no access above interlocking ceiling tiles at the time of inspection. Presume <b>asbestos</b> is present above solid interlocking ceiling tiles on pipe fittings**		
68-3009	Classroom 317 (Hearing Impaired)		There was no access above interlocking ceiling tiles at the time of inspection. Presume <b>asbestos</b> is present above solid interlocking ceiling tiles on pipe fittings**		
68-3010	Classroom 313	HN-63-FT01	Floor tile – 9" x 9" beige with brown streak – 285SF	5 – O&M	15
		HN-68-FT07	Floor tile – 9" x 9" green with white speck – 285 SF	5 – O&M	15
			There was no access above interlocking ceiling tiles at the time of inspection. Presume <b>asbestos</b> is present above solid interlocking ceiling tiles on pipe fittings**		
68-3011	Classroom 318	HN-63-FT01	Floor tile – 9" x 9" beige with brown streak – 630 SF	5 – O&M	15
			There was no access above interlocking ceiling tiles at the time of inspection. Presume <b>asbestos</b> is present above solid interlocking ceiling tiles on pipe fittings**		
68-3012	Classroom 312 (Mathematics)	HN-63-FT01	Floor tile – 9" x 9" beige with brown streak – 285 SF	5 – O&M	15
		HN-68-FT01C	Floor tile – 9" x 9" tan – 285 SF	5 – O&M	15
			There was no access above interlocking ceiling tiles at the time of inspection. Presume <b>asbestos</b> is present above solid interlocking ceiling tiles on pipe fittings**		
68-3013	Classroom 311(Mathematics)	HN-63-FT01	Floor tile – 9" x 9" beige with brown streak – 285 SF	5 – O&M	15
		HN-68-FT05	Floor tile – 9" x 9" blue with white streak – 285 SF	5 – O&M	15
			There was no access above interlocking ceiling tiles at the time of inspection. Presume <b>asbestos</b> is present above solid interlocking ceiling tiles on pipe fittings**		

Functional Space ID#	Location Identification	Homogenous Material Number	Material Description and Quantity	Response Measure	Hazard Rating Total
68-3014	Classroom 310 (English)	HN-63-FT01	Floor tile – 9" x 9" beige with brown streak – 576 SF	5 – O&M	15
		HN-68-FT01C	Floor tile – 9" x 9" tan – 192 SF	5 – O&M	15
			There was no access above interlocking ceiling tiles at the time of inspection. Presume <b>asbestos</b> is present above solid interlocking ceiling tiles on pipe fittings**		
68-3015	Boy's Washroom		There was no access above plaster ceiling at the time of inspection. Presume <b>asbestos</b> is present above solid plaster ceiling on pipe fittings**		
68-3016	Pipe Chase	HN-68-TR01	Transite Panels on the exterior windows are within this pipe chase because of the new addition.	5 – O&M	16
		HF-68-VER01	Vermiculite Insulation is evident in the pipe chase.	1 -Removal	24
68-3017	Classroom 309		There was no access above interlocking ceiling tiles at the time of inspection. Presume <b>asbestos</b> is present above solid interlocking ceiling tiles on pipe fittings**		
68-3018	Classroom 308	HN-63-FT01	Floor tile – 9" x 9" beige with brown speck – 900 SF	5 – O&M	15
			There was no access above interlocking ceiling tiles at the time of inspection. Presume <b>asbestos</b> is present above solid interlocking ceiling tiles on pipe fittings**		
68-3019	Office	HN-63-FT01	Floor tile – 9" x 9" beige with brown speck – 180 SF	5 – O&M	15
		HN-68-FT11	Floor tile – 9" x 9" brown with white streak – 180 SF	5 – O&M	15
68-3020	Display Case	HN-63-FT01	Floor tile – 9" x 9" beige with brown speck – 100 SF	5 – O&M	15
68-3021	Room A3-2	-	Findings and analytical testing determined building materials containing asbestos minerals are not present in Room A3-2 at the time of inspection.	-	-

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-5-

## Asbestos Control Recommendations

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## Section 5 Asbestos Control Recommendations

The following recommendations and procedures for asbestos control measures required within E. L Crossley Secondary School are based on the sole assessments of Ontario Environmental & Safety Network Ltd. These assessments are administered to place a proactive control on the asbestos materials identified. These recommendations are based on site conditions for materials identified and listed in Table 4 of this assessment.

### 5.1 Recommendations

Most of the building materials containing asbestos were found to be in good to original condition. Materials that are damaged or in a deteriorated state and require control measures are listed below. When asbestos control work is scheduled, a qualified contractor experienced in performing encapsulation or removal work should be employed.

Table 4: Recommendations

Functional Space	Location	Material Description and Recommendations
63-MR-004	Air Handling Room	Encapsulation of 20SF of exposed packing cement within the fibreglass ventilation insulation located in the middle of the room. Refer to Appendix B – Drawings for visual reference.  Removal of insulated cement debris on the top of the Air Handling Unit 37 from the hot water heating system. Refer to Appendix B – Drawings for visual reference.  Removal of fireproofing over spray on the concrete blocks near the entrance doors. . Refer to Appendix B – Drawings for visual reference.
63-B003	Corridor	Enclose and encapsulate numerous ceiling tiles within the corridor to minimize the exposure of fireproofing from the exterior. The concrete block wall cavity leading to the exterior overhang on the west wall is also be enclosed for further protection. . Refer to Appendix B – Drawings for visual reference.

Functional Space	Location	Material Description and Recommendations
63-B004	Art Room	Repair 10 SF of damaged and missing floor tiles. Refer to Appendix B – Drawings for visual reference.
63-1026	Cafeteria	Removal of seven (7) foil faced gaskets within the light fixtures of the cafeteria. These gaskets are damaged and loose. Refer to Appendix B - Drawings for visual reference.
63-1046	Small Gym	Encapsulate 8 SF of damaged and fringed transite board on the ceiling of the South end of the gym near the ventilation exhaust. Refer to Appendix B - Drawings for visual reference.
63-1054	ERG Room	Removal of one (1) extensively damaged insulated cement fitting on RWL system and the debris on the ground in the South West corner near the exercise rowers. Refer to Appendix B - Drawings for visual reference.
63-1055	Stage	Encapsulation of one (1) hanger on the hot water heating system in the back center of the stage. Refer to Appendix B – Drawings for visual reference.  Encapsulation of exposed and damaged fibreglass ventilation insulation with cement parging and seams. Refer to Appendix B – Drawings for visual reference.
63-1072	Design Room	Encapsulation of one (1) damaged insulated cement fitting on the hot water heating system on the South West wall. Refer to Appendix B – Drawings for visual reference.
63-1075	Wood Shop	Encapsulation of one (1) damaged insulated cement fitting on the hot water heating system in the center of the room near the HVAC system. Refer to Appendix B – Drawings for visual reference.
63-1076	Wood Shop Storage	Encapsulation of one (1) damaged insulated cement fitting on the rainwater leader situated on the top of the balcony. Refer to Appendix B – Drawings for visual reference.

Functional Space	Location	Material Description and Recommendations
63-1077	Transportation Technology	Encapsulation of four (4) damaged insulated cement fittings on the hot water heating system on the East wall near the workbench. Refer to Appendix B – Drawings for visual reference.
63-1083	Custodian Room	Encapsulation of one (1) damaged insulated cement fitting on the rainwater leader system located below the shelving. Refer to Appendix B – Drawings for visual reference.
63-1091	Transformer Room	Removal of 2 SF of vermiculite insulation located in the back of the room within an electrical hole on the East wall. Refer to Appendix B – Drawings for visual reference.
63-1094	Corridor	Removal of fireproofing over spray on the concrete blocks above the ceiling tiles. Encapsulation and enclosure of the ceiling tiles is another option to minimize the exposure of fireproofing within the corridor. Refer to Appendix B – Drawings for visual reference.
63-2020	D Block Heat Supply	Encapsulation of one (1) damaged insulated cement fitting near CP064 system on the North wall situated near the valve on the hot water heating system. Refer to Appendix B – Drawings for visual reference.
63-2025	Mechanical Room	Encapsulation of damaged insulated cement fittings within the West wall cavity for the hot water heating system. Refer to Appendix B – Drawings for visual reference.
63-2033	Mechanical Room	Encapsulation of damaged fibreglass insulation on the ventilation system with cement parging and seams along the west and south wall. Refer to Appendix B – Drawings for visual reference.  Removal of all severely damaged insulated cement fittings and debris along the Northwest window on the hot water heating system. Refer to Appendix B – Drawings for visual reference.
63-3004	Custodian	Encapsulation of one (1) visibly evident damaged valve on the hot water heating system. Refer to Appendix B – Drawings for visual reference.

Functional Space	Location	Material Description and Recommendations
63-4001	Corridor	Removal of two (2) damaged insulated cement fittings on the hot water heating system located above the tin pan ceiling tiles near the West Stairwell. Removal of insulated cement parging on the rainwater leader system above the ceiling tiles at the South end corridor.
68-1001, 68-1002, 68-1003, 68-1018 68-2001, 68-2002, 68-3001, 68-3002	Corridors and Vestibule (68-1018)	A type II entry is required when entering the ceiling space because of fireproofing on the I beams, structural deck, cross braces, over spray on the concrete blocks and debris situated on the ceiling tiles. The fireproofing is required to be removed if any renovations or demolition occurs. All pipe insulation and pipe fittings are covered in fireproofing overspray therefore treated as asbestos material. Refer to Appendix B – Drawings for visual reference.
68-1015	Horticulture Classroom	Encapsulation and enclosure of ceiling tiles throughout the room is recommended to minimize the exposure of fireproofing from the exterior overhang. The other option is to enclose the opening of the concrete block wall cavity that is exposing the fireproofing from the exterior. Refer to Appendix B – Drawings for visual reference.
68-1020	Emergency Generator Room	A type II entry is required when entering the ceiling space because of fireproofing overspray from the exterior parking lot overhang. Removal of fireproofing debris is required along with enclosure from the overhang to the Emergency Generator Room. Refer to Appendix B – Drawings for visual reference.
68-1021	Co-op Office	A type II entry is required when entering the ceiling space because of fireproofing overspray that entered above ceiling from the corridor through cable and clock penetrations in the concrete block and an openings between the I beams and concrete blocks. Fireproofing debris is situated on the concrete blocks and on top of the ceiling tiles. Removal is recommended. Refer to Appendix B – Drawings for visual reference.

Functional Space	Location	Material Description and Recommendations
68-1023	Washroom	A type II entry is required when entering the ceiling space because of fireproofing overspray that entered above ceiling from the corridor through cable penetrations in the concrete block and openings from the joining of I beams and concrete blocks. Fireproofing debris is situated on the concrete blocks and on top of the ceiling tiles. Removal is recommended. Refer to Appendix B – Drawings for visual reference.
68-2011	Classroom 211	A type II entry is required when entering the ceiling space because of possible fireproofing overspray that entered above ceiling from the corridor through cable penetrations in the concrete block. Fireproofing debris is situated on the concrete blocks and on top of the ceiling tiles. Removal is recommended. Refer to Appendix B – Drawings for visual reference.
68-2012	Classroom 210	A type II entry is required when entering the ceiling space because of possible fireproofing overspray that entered above ceiling from the corridor through cable penetrations in the concrete block. Fireproofing debris is situated on the concrete blocks and on top of the ceiling tiles. Removal is recommended. Refer to Appendix B – Drawings for visual reference.
68-2020	Crawlspace / Pipe Chase	A type II entry is required when entering the crawlspace because of fireproofing within this area. Removal of fireproofing and vermiculite insulation is required if any renovations or demolitions occurs. Refer to Appendix B – Drawings for visual reference.
68-3016	Pipe Chase	Removal of vermiculite insulation within the pipe chase on the third floor if any renovations and demolitions occur. Refer to Appendix B – Drawings for visual reference.



Materials containing asbestos not listed in **Table 4** were found to be in satisfactory condition at the time of evaluation.

An annual assessment of these materials is recommended. Reporting and response to any changes in the condition of the asbestos containing materials generated through routine operations and maintenance should be recorded in Appendix D of this report.

## Conclusion

Results indicate thirty-eight (38) different styles and forms of construction materials within E.L Crossley Secondary School contain asbestos. Materials containing asbestos include:

- Floor tile
- Ceiling Tile
- Plaster
- Drywall / Joint Compound / Caulking
- Thermal Insulation (boiler gasket, pipe insulation, insulated cement, vermiculite, cloth/paper material)
- Manufactured (transite, millboard, foil faced gaskets, cloth mitts)
- Fireproofing

At the time of assessment, the majority of the materials observed were in original condition. Friable materials that require repair, encapsulation or removal work includes asbestos cement coating domestic water fittings in seven different locations. Materials requiring repair are noted in Section 5 of the assessment.

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- 6 -

## Limitations

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## Section 6 Limitations

### 6.1 Limitations

This report has been prepared in accordance with *Ontario Regulation 278/05* Designated Substance – Asbestos on Construction projects and in Buildings and Repair Operations – made under the Occupational Health and Safety Act. This report is intended for the exclusive use of the District School Board of Niagara. Any use that a third party makes of this report, or any reliance on decisions to be made based on it, is the responsibility of such third parties.

The findings reported in the E.L Crossley Secondary School Asbestos Assessment have been compiled using current industry best practices and techniques. The findings are relevant for the dates of our site visits and should not be relied upon to represent conditions at later dates. The findings in this assessment are limited to the building materials observed in rooms or building spaces fully accessed during the time of inspection. All materials were assessed at the discretion of the inspectors. Roofing materials and the insulation behind the metal panels above the windows were not assessed to avoid compromising the integrity of the roof membrane and thermal insulation respectively. Any thermal or manufactured materials on mechanical systems housed inside wall cavity spaces were not included in the assessment. The identification and location of vermiculite insulation inside concrete block cavity spaces could not be adequately assessed but it should be presumed the material is present based on visual observations in other locations during the field inspection. OESN Ltd. reserves the right to modify any findings reported as a result of insufficient background and historical information and inaccessibility issues from building condition, design and layout. In the event of discovery of a material during operation, maintenance or alteration to the building, which is not documented in the assessment, a re-evaluation including visual observation and bulk sampling of the material should occur by OESN Ltd. to confirm asbestos content.

## 6.2 Final Comments

All contractors working in Ontario are subject to the Occupational Health & Safety Act and Ontario Regulation 278/05 Regulation respecting Asbestos on Construction Projects and in Buildings and Repair Operations.

All asbestos containing materials shall be disposed of according to Regulation 347 as amended by 461/05 of the Environmental Protection Act.

If there are any questions regarding the information cited in this assessment, please contact our office at (905) 988-1554.

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# Appendix A

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## Polarized Light Microscopy Results

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P. 905 988 1554  
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Date Received: 8/28/2006  
Date Analyzed: 8/29/2006  
Date Report Issued: 8/29/2006  
Sample Submitted By: J. Drummond

Client: DSBN  
Client Contact: B. Poort  
OESN # 1011-2433-OEAB-06  
Job Title: E.L Crossley Secondary School

### Polarized Light Microscopy Results

-----Chain of Custody Description -----				-----Percent Asbestos-----						---Percent Non-Asbestos--					
Sample #	OESN HM #	Material	Location / F.S	ACTN	AMOS	ANTH	CHRY	CROC	TREM		BIND	VINYL	MICA	MAST	OTHER
2433-06-63-FT01	HN-63-FT01	Floor Tile - 9"x 9" beige with brown streak	Art Room 63-B005	-	-	-	2%	-	-	~	-	95%	3%	-	-
		Mastic		-	-	-	2%	-	-	~	8%	-	-	90%	-
2433-06-63-FT02	HN-63-FT01	Floor Tile - 9"x 9" beige with brown streak	Art Room 63-B005	-	-	-	2%	-	-	~	-	95%	3%	-	-
		Mastic		-	-	-	2%	-	-	~	8%	-	-	90%	-
2433-06-63-FT03	HN-63-FT01	Floor Tile - 9"x 9" beige with brown streak	Art Room 63-B005	-	-	-	2%	-	-	~	-	95%	3%	-	-
		Insufficient Mastic for Analysis													

The following definitions apply to the abbreviations used in the Asbestos Bulk Analysis Report:

ACTN = Actinolite  
AMOS = Amosite  
ANTH = Anthophyllite  
CHRY = Chrysotile  
CROC = Crocidolite  
TREM = Tremolite

BIND = Binder  
CELL = Cellulose  
CERWL = Ceramic Wool  
DEBR = Debris  
FBGL = Fibrous Glass

GRAV = Gravel  
MAST = Mastic  
NANTH = Non-Asbestiform Anthophyllite  
N D = None Detected  
NTREM = Non-Asbestiform Tremolite

ORGN = Organics  
PERL = Perlite  
PLAS = Plaster  
RUBR = Rubber  
SILI = Silicates

SYNT = Synthetics  
WOLL - Wollastonite

MDL: 1%

Prepared, Calculated according to EPA 600 / M4-82 /020 and EPA 600/R-93/116 Method.

NVLAP accreditation number #101768-0

Lab code A06-4123

Authorized Signature: \_\_\_\_\_

ONTARIO ENVIRONMENTAL & SAFETY NETWORK LTD.

126 LAKE STREET ST. CATHARINES, ON

PHONE: (905) 988-1554

CAROLINA ENVIRONMENTAL INC.

107 NEW EDITION COURT GARY, NC

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Date Received: 8/30/2006 Client: DSNB  
Date Analyzed: 8/31/2006 Client Contact: B. Poort  
Date Report Issued: 8/31/2006 OESN # 1011-2433-OEAB-06  
Sample Submitted By: J. Drummond Job Title: E.L Crossley Secondary School

### Polarized Light Microscopy Results

-----Chain of Custody Description -----				-----Percent Asbestos-----						---Percent Non-Asbestos--					
Sample #	OESN HM #	Material	Location / F.S	ACTN	AMOS	ANTH	CHRY	CROC	TREM		SYNT	VINYL	MAST	CELL	MICA
2433-06-63-FT04	HN-63-FT02	Floor Tile - 9"x 9" beige with green and black streak	Staff Lounge 63-1019	-	-	-	5%	-	-	~	-	90%	-	-	5%
		Mastic		-	-	-	5%	-	-	~	-	-	85%	-	10%
2433-06-63-FT05	HN-63-FT02	Floor Tile - 9"x 9" beige with green and black streak	Staff Lounge 63-1019	SAMPLE NOT ANALYZED											
		Mastic		SAMPLE NOT ANALYZED											
2433-06-63-FT06	HN-63-FT02	Floor Tile - 9"x 9" beige with green and black streak	Staff Lounge 63-1019	SAMPLE NOT ANALYZED											
		Mastic		SAMPLE NOT ANALYZED											
2433-06-63-FT07	HN-63-FT03	Floor Tile - 9"x 9" beige with yellow, green and pink sparkles	Lobby Area 63-1020	-	-	-	5%	-	-	~	-	90%	-	-	5%
		Insufficient Mastic for Analysis													
2433-06-63-FT08	HN-63-FT03	Floor Tile - 9"x 9" beige with yellow, green and pink sparkles	Lobby Area 63-1020	SAMPLE NOT ANALYZED											
		Insufficient Mastic for Analysis													
2433-06-63-FT09	HN-63-FT03	Floor Tile - 9"x 9" beige with yellow, green and pink sparkles	Lobby Area 63-1020	SAMPLE NOT ANALYZED											
		Insufficient Mastic for Analysis													

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BIND = Binder  
CELL = Cellulose  
CERWL = Ceramic Wool  
DEBR = Debris  
FBGL = Fibrous Glass

GRAV = Gravel  
MAST = Mastic  
NANTH = Non-Asbestiform Anthophyllite  
N D = None Detected  
NTREM = Non-Asbestiform Tremolite  
GYP = Gypsum

ORGN = Organics  
PERL = Perlite  
PLAS = Plaster  
RUBR = Rubber  
SILI = Silicates

SYNT = Synthetics  
WOLL - Wollastonite

MDL: 1%

Prepared, Calculated according to EPA 600 / M4-82 /020 and EPA 600/R-93/116 Method.

NVLAP accreditation number #101768-0

Lab code A06-4123

Authorized Signature: \_\_\_\_\_

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Date Received: 8/30/2006 Client: DSBN  
Date Analyzed: 8/31/2006 Client Contact: B. Poort  
Date Report Issued: 8/31/2006 OESN # 1011-2433-OEAB-06  
Sample Submitted By: J. Drummond Job Title: E.L Crossley Secondary School

### Polarized Light Microscopy Results

-----Chain of Custody Description -----				-----Percent Asbestos-----						---Percent Non-Asbestos--					
Sample #	OESN HM #	Material	Location / F.S	ACTN	AMOS	ANTH	CHRY	CROC	TREM		BIND	VINYL	MICA	MAST	CELL
2433-06-63-FT10	HN-63-FT04	Floor Tile - 9"x 9" grey with white and brown sparkles	Men's Lobby 63-1023	-	-	-	5%	-	-	~	-	90%	5%	-	-
		Insufficient Mastic for Analysis													
2433-06-63-FT11	HN-63-FT04	Floor Tile - 9"x 9" grey with white and brown sparkles	Men's Lobby 63-1023	SAMPLE NOT ANALYZED											
		Mastic		-	-	-	-	-	-	~	-	-	-	100%	<1%
2433-06-63-FT12	HN-63-FT04	Floor Tile - 9"x 9" grey with white and brown sparkles	Men's Lobby 63-1023	SAMPLE NOT ANALYZED											
		Mastic		-	-	-	-	-	-	~	-	-	-	100%	<1%

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WOLL - Wollastonite

MDL: 1%

Prepared, Calculated according to EPA 600 / M4-82 /020 and EPA 600/R-93/116 Method.

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Date Received: 9/1/2006 Client: DSBN  
Date Analyzed: 9/5/2006 Client Contact: B. Poort  
Date Report Issued: 9/5/2006 OESN # 1011-2433-OEAB-06  
Sample Submitted By: J. Drummond Job Title: E.L Crossley Secondary School

### Polarized Light Microscopy Results

-----Chain of Custody Description -----				-----Percent Asbestos-----						---Percent Non-Asbestos--					
Sample #	OESN HM #	Material	Location / F.S	ACTN	AMOS	ANTH	CHRY	CROC	TREM		SYNT	VINYL	MAST	CELL	MICA
2433-06-63-FT13	HN-63-FT05	Floor Tile - 12" x 12" crème with brown streak	P.E Office 63-1068	-	-	-	-	-	-	~	-	95%	-	<1%	5%
2433-06-63-FT14	HN-63-FT05	Floor Tile - 12" x 12" crème with brown streak	P.E Office 63-1068	-	-	-	-	-	-	~	-	95%	-	<1%	5%
2433-06-63-FT15	HN-63-FT05	Floor Tile - 12" x 12" crème with brown streak	P.E Office 63-1068	-	-	-	-	-	-	~	-	95%	-	<1%	5%
2433-06-63-FT16	HN-63-FT06	Floor Tile - 12"x 12" beige with yellow and brown speck	Design Room 63-1072	-	-	-	-	-	-	~	-	95%	-	<1%	5%
		Mastic		-	-	-	-	-	-	~	-	-	93%	2%	5%
2433-06-63-FT17	HN-63-FT06	Floor Tile - 12"x 12" beige with yellow and brown speck	Design Room 63-1072	-	-	-	-	-	-	~	-	95%	-	<1%	5%
		Mastic		-	-	-	-	-	-	~	-	-	93%	2%	5%
2433-06-63-FT18	HN-63-FT06	Floor Tile - 12"x 12" beige with yellow and brown speck	Design Room 63-1072	-	-	-	-	-	-	~	-	95%	-	<1%	5%
		Mastic		-	-	-	-	-	-	~	-	-	93%	2%	5%

The following definitions apply to the abbreviations used in the Asbestos Bulk Analysis Report:

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FBGL = Fibrous Glass

GRAV = Gravel  
MAST = Mastic  
NANTH = Non-Asbestiform Anthophyllite  
N D = None Detected  
NTREM = Non-Asbestiform Tremolite  
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PERL = Perlite  
PLAS = Plaster  
RUBR = Rubber  
SILI = Silicates

SYNT = Synthetics  
WOLL - Wollastonite

MDL: 1%

Prepared, Calculated according to EPA 600 / M4-82 /020 and EPA 600/R-93/116 Method.

NVLAP accreditation number #101768-0

Lab code A06-4123

Authorized Signature: \_\_\_\_\_

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Date Received: 9/1/2006 Client: DSBN  
Date Analyzed: 9/5/2006 Client Contact: B. Poort  
Date Report Issued: 9/5/2006 OESN # 1011-2433-OEAB-06  
Sample Submitted By: J. Drummond Job Title: E.L Crossley Secondary School

### Polarized Light Microscopy Results

-----Chain of Custody Description -----				-----Percent Asbestos-----						---Percent Non-Asbestos--				
Sample #	OESN HM #	Material	Location / F.S	ACTN	AMOS	ANTH	CHRY	CROC	TREM	SYNT	VINYL	MAST	CELL	MICA
2433-06-63-FT19	HN-63-FT07	Floor Tile - 12" x 12" blue with white streak	Design Room 63-1072	-	-	-	-	-	-	-	95%	-	<1%	5%
		Mastic		-	-	-	-	-	-	-	-	93%	2%	5%
2433-06-63-FT20	HN-63-FT07	Floor Tile - 12" x 12" blue with white streak	Design Room 63-1072	-	-	-	-	-	-	-	95%	-	<1%	5%
		Mastic		-	-	-	-	-	-	-	-	93%	2%	5%
2433-06-63-FT21	HN-63-FT07	Floor Tile - 12" x 12" blue with white streak	Design Room 63-1072	-	-	-	-	-	-	-	95%	-	<1%	5%
		Mastic		-	-	-	-	-	-	-	-	93%	2%	5%
2433-06-63-FT22	HN-63-FT08	Floor Tile - 9"x 9" beige	Wood Shop 63-1075	-	-	-	5%	-	-	-	90%	-	-	5%
		Mastic		-	-	-	-	-	-	-	-	88%	2%	10%
2433-06-63-FT23	HN-63-FT08	Floor Tile - 9"x 9" beige	Wood Shop 63-1075	SAMPLE NOT ANALYZED										
		Mastic		-	-	-	-	-	-	-	-	88%	2%	10%
2433-06-63-FT24	HN-63-FT08	Floor Tile - 9"x 9" beige	Wood Shop 63-1075	SAMPLE NOT ANALYZED										
		Mastic		-	-	-	-	-	-	-	-	88%	2%	10%

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TREM = Tremolite

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DEBR = Debris  
FBGL = Fibrous Glass  
GRAV = Gravel  
MAST = Mastic  
NANTH = Non-Asbestiform Anthophyllite  
N D = None Detected  
NTREM = Non-Asbestiform Tremolite  
GYP = Gypsum

ORGN = Organics  
PERL = Perlite  
PLAS = Plaster  
RUBR = Rubber  
SILI = Silicates

SYNT = Synthetics  
WOLL = Wollastonite

MDL: 1%

Prepared, Calculated according to EPA 600 / M4-82 /020 and EPA 600/R-93/116 Method.

NVLAP accreditation number #101768-0

Lab code A06-4123

Authorized Signature: \_\_\_\_\_

ONTARIO ENVIRONMENTAL & SAFETY NETWORK LTD.  
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126 Lake Street  
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Date Received: 9/1/2006 Client: DSBN  
Date Analyzed: 9/5/2006 Client Contact: B. Poort  
Date Report Issued: 9/5/2006 OESN # 1011-2433-OEAB-06  
Sample Submitted By: J. Drummond Job Title: E.L Crossley Secondary School

### Polarized Light Microscopy Results

-----Chain of Custody Description -----				-----Percent Asbestos-----						---Percent Non-Asbestos--							
Sample #	OESN HM #	Material	Location / F.S	ACTN	AMOS	ANTH	CHRY	CROC	TREM		SYNT	VINYL	MAST	CELL	MICA		
2433-06-63-FT25	HN-63-FT09	Floor Tile - 9" x 9" turquoise	Wood Shop 63-1075	-	-	-	3%	-	-	~	-	92%	-	-	5%		
		Mastic		-	-	-	-	-	-	~	-	-	88%	2%	10%		
2433-06-63-FT26	HN-63-FT09	Floor Tile - 9" x 9" turquoise	Wood Shop 63-1075	SAMPLE NOT ANALYZED													
		Mastic		-	-	-	-	-	-	~	-	-	88%	2%	10%		
2433-06-63-FT27	HN-63-FT09	Floor Tile - 9" x 9" turquoise	Wood Shop 63-1075	SAMPLE NOT ANALYZED													
		Mastic		-	-	-	-	-	-	~	-	-	88%	2%	10%		
2433-06-63-FT28	HN-63-FT10	Floor Tile - 12" x 12" beige with brown speck	Library 63-1097	-	-	-	-	-	-	~	-	95%	-	<1%	5%		
		Mastic		-	-	-	-	-	-	~	-	-	100%	<1%	-		
2433-06-63-FT29	HN-63-FT10	Floor Tile - 12" x 12" beige with brown speck	Library 63-1097	-	-	-	-	-	-	~	-	95%	-	<1%	5%		
		Mastic		-	-	-	-	-	-	~	-	-	100%	<1%	-		
2433-06-63-FT30	HN-63-FT10	Floor Tile - 12" x 12" beige with brown speck	Library 63-1097	-	-	-	-	-	-	~	-	95%	-	<1%	5%		
		Insufficient Mastic for Analysis															

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CHRY = Chrysotile  
CROC = Crocidolite  
TREM = Tremolite

BIND = Binder  
CELL = Cellulose  
CERWL = Ceramic Wool  
DEBR = Debris  
FBGL = Fibrous Glass  
GRAV = Gravel  
MAST = Mastic  
NANTH = Non-Asbestiform Anthophyllite  
N D = None Detected  
NTREM = Non-Asbestiform Tremolite  
GYP = Gypsum

ORGN = Organics  
PERL = Perlite  
PLAS = Plaster  
RUBR = Rubber  
SILI = Silicates

SYNT = Synthetics  
WOLL = Wollastonite

MDL: 1%

Prepared, Calculated according to EPA 600 / M4-82 /020 and EPA 600/R-93/116 Method.

NVLAP accreditation number #101768-0

Lab code A06-4123

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Date Received: 9/1/2006  
Date Analyzed: 9/5/2006  
Date Report Issued: 9/5/2006  
Sample Submitted By: J. Drummond

Client: DSBN  
Client Contact: B. Poort  
OESN #: 1011-2433-OEAB-06  
Job Title: E.L Crossley Secondary School

### Polarized Light Microscopy Results

-----Chain of Custody Description-----				-----Percent Asbestos-----						---Percent Non-Asbestos---				
Sample #	OESN HM #	Material	Location / F.S	ACTN	AMOS	ANTH	CHRY	CROC	TREM	BIND	VINYL	MAST	CELL	SILI
2433-06-63-FT31	HN-63-FT11	Floor Tile - 12"x 12" mushroom	Classroom 306 63-3013	-	-	-	2%	-	-	~	-	88%	-	10%
		Mastic		-	-	-	-	-	-	~	-	98%	2%	-
2433-06-63-FT32	HN-63-FT11	Floor Tile - 12"x 12" mushroom	Classroom 306 63-3013	SAMPLE NOT ANALYZED										
		Mastic		-	-	-	-	-	-	~	-	98%	2%	-
2433-06-63-FT33	HN-63-FT11	Floor Tile - 12"x 12" mushroom	Classroom 306 63-3013	SAMPLE NOT ANALYZED										
		Mastic		-	-	-	-	-	-	~	-	98%	2%	-
2433-06-63-FT34	HN-63-FT12	Floor Tile - 9"x 9"mocha with brown splotches	Classroom 305 63-3012	-	-	-	8%	-	-	~	-	92%	-	-
		Insufficient Mastic for Analysis												
2433-06-63-FT35	HN-63-FT12	Floor Tile - 9"x 9"mocha with brown splotches	Classroom 305 63-3012	SAMPLE NOT ANALYZED										
		Mastic		-	-	-	-	-	-	~	-	100%	<1%	-
2433-06-63-FT36	HN-63-FT12	Floor Tile - 9"x 9"mocha with brown splotches	Classroom 305 63-3012	SAMPLE NOT ANALYZED										
		Mastic		-	-	-	-	-	-	~	-	100%	<1%	-

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ACTN = Actinolite  
AMOS = Amosite  
ANTH = Anthophyllite  
CHRY = Chrysotile  
CROC = Crocidolite  
TREM = Tremolite

GRAV = Gravel  
MAST = Mastic  
NANTH = Non-Asbestiform Anthophyllite  
N D = None Detected  
NTREM = Non-Asbestiform Tremolite  
GYP = Gypsum

ORGN = Organics  
PERL = Perlite  
PLAS = Plaster  
RUBR = Rubber  
SILI = Silicates

SYNT = Synthetics  
WOLL - Wollastonite

MDL: 1%

Prepared, Calculated according to EPA 600 / M4-82 /020 and EPA 600/R-93/116 Method.

NVLAP accreditation number #101768-0

Lab code A06-4123

Authorized Signature: 

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Date Received: 9/1/2006  
Date Analyzed: 9/5/2006  
Date Report Issued: 9/5/2006  
Sample Submitted By: J. Drummond

Client: DSBN  
Client Contact: B. Poort  
OESN #: 1011-2433-OEAB-06  
Job Title: E.L Crossley Secondary School

### Polarized Light Microscopy Results

-----Chain of Custody Description-----				-----Percent Asbestos-----						---Percent Non-Asbestos---					
Sample #	OESN HM #	Material	Location / F.S	ACTN	AMOS	ANTH	CHRY	CROC	TREM		BIND	VINYL	MAST	CELL	SILI
2433-06-63-FT37	HN-63-FT13	Floor Tile - 9"x 9" mint green with white	Classroom 306 63-3013	-	-	-	8%	-	-	~	-	92%	-	-	-
		Mastic		-	-	-	-	-	-	~	-	-	98%	2%	-
2433-06-63-FT38	HN-63-FT13	Floor Tile - 9"x 9" mint green with white	Classroom 306 63-3013	SAMPLE NOT ANALYZED											
		Mastic		-	-	-	-	-	-	~	-	-	98%	2%	-
2433-06-63-FT39	HN-63-FT13	Floor Tile - 9"x 9" mint green with white	Classroom 306 63-3013	SAMPLE NOT ANALYZED											
		Mastic		-	-	-	-	-	-	~	-	-	98%	2%	-
2433-06-63-FT40	HN-63-FT14	Floor Tile - 9"x 9" beige with blue	Classroom 306 63-3013	-	-	-	8%	-	-	~	-	92%	-	-	-
		Mastic		-	-	-	-	-	-	~	-	-	98%	2%	-
2433-06-63-FT41	HN-63-FT14	Floor Tile - 9"x 9" beige with blue	Classroom 306 63-3013	SAMPLE NOT ANALYZED											
		Mastic		-	-	-	-	-	-	~	-	-	98%	2%	-
2433-06-63-FT42	HN-63-FT14	Floor Tile - 9"x 9" beige with blue	Classroom 306 63-3013	SAMPLE NOT ANALYZED											
		Mastic		-	-	-	-	-	-	~	-	-	98%	2%	-

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ACTN = Actinolite  
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TREM = Tremolite

BIND = Binder  
CELL = Cellulose  
CERWL = Ceramic Wool  
DEBR = Debris  
FBGL = Fibrous Glass

GRAV = Gravel  
MAST = Mastic  
NANTH = Non-Asbestiform Anthophyllite  
N D = None Detected  
NTREM = Non-Asbestiform Tremolite  
GYP = Gypsum

ORGN = Organics  
PERL = Perlite  
PLAS = Plaster  
RUBR = Rubber  
SILI = Silicates

SYNT = Synthetics  
WOLL = Wollastonite

MDL: 1%

Prepared, Calculated according to EPA 600 / M4-82 /020 and EPA 600/R-93/116 Method.

NVLAP accreditation number #101768-0

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Date Received: 9/1/2006 Client: DSBN  
Date Analyzed: 9/5/2006 Client Contact: B. Poort  
Date Report Issued: 9/5/2006 OESN # 1011-2433-OEAB-06  
Sample Submitted By: J. Drummond Job Title: E.L Crossley Secondary School

### Polarized Light Microscopy Results

-----Chain of Custody Description -----				-----Percent Asbestos-----						---Percent Non-Asbestos--					
Sample #	OESN HM #	Material	Location / F.S	ACTN	AMOS	ANTH	CHRY	CROC	TREM		SYNT	VINYL	MAST	CELL	MICA
2433-06-63-L01	HN-63-L01	Linoleum - Cobblestone Pattern	Wood Shop 63-1075	-	-	-	25%	-	-	~	-	60%	5%	10%	-
2433-06-63-L02	HN-63-L01	Linoleum - Cobblestone Pattern	Wood Shop 63-1075	SAMPLE NOT ANALYZED											
2433-06-63-L03	HN-63-L01	Linoleum - Cobblestone Pattern	Wood Shop 63-1075	SAMPLE NOT ANALYZED											

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Date Received: 8/28/2006  
Date Analyzed: 8/29/2006  
Date Report Issued: 8/29/2006  
Sample Submitted By: J. Drummond

Client: DSBN  
Client Contact: B. Poort  
OESN # 1011-2433-OEAB-06  
Job Title: E.L Crossley Secondary School

### Polarized Light Microscopy Results

Chain of Custody Description -----				Percent Asbestos-----						---Percent Non-Asbestos--					
Sample #	OESN HM #	Material	Location / F.S	ACTN	AMOS	ANTH	CHRY	CROC	TREM		GYP	PLAS	MICA	CELL	PAINT
2433-06-63-DRW01	HF-63-DRW01	Drywall / Joint Compound	Stairwell 63-B006	-	-	-	<1%	-	-	~	40%	20%	3%	-	5%
2433-06-63-DRW02	HF-63-DRW01	Drywall / Joint Compound	Stairwell 63-B006	-	-	-	2%	-	-	~	-	83%	10%	<1%	5%
2433-06-63-DRW03	HF-63-DRW01	Drywall / Joint Compound	Stairwell 63-B006	-	-	-	2%	-	-	~	-	83%	10%	<1%	5%

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Date Received: 9/1/2006  
Date Analyzed: 9/5/2006  
Date Report Issued: 9/5/2006  
Sample Submitted By: J. Drummond

Client: DSBN  
Client Contact: B. Poort  
OESN # 1011-2433-OEAB-06  
Job Title: E.L Crossley Secondary School

### Polarized Light Microscopy Results

Chain of Custody Description				Percent Asbestos						Percent Non-Asbestos				
Sample #	OESN HM #	Material	Location / F.S	ACTN	AMOS	ANTH	CHRY	CROC	TREM	BIND	GYP	MICA	CELL	PAINT
2433-06-63-DRW04	HF-63-DRW02	Drywall (Tape and Mud)	Design Center 63-1072	-	-	-	-	-	-	75%	-	-	15%	10%
2433-06-63-DRW05	HF-63-DRW02	Drywall (Tape and Mud)	Design Center 63-1072	-	-	-	-	-	-	75%	-	-	15%	10%
2433-06-63-DRW06	HF-63-DRW02	Drywall (Tape and Mud)	Design Center 63-1072	-	-	-	-	-	-	75%	-	-	15%	10%
2433-06-63-DRW07	HF-63-DRW03	Drywall / Mud	Library 63-1097	-	-	-	-	-	-	35%	35%	5%	15%	10%
2433-06-63-DRW08	HF-63-DRW03	Drywall / Mud	Library 63-1097	-	-	-	-	-	-	35%	35%	5%	15%	10%
2433-06-63-DRW09	HF-63-DRW03	Drywall / Mud	Library 63-1097	-	-	-	-	-	-	35%	35%	5%	15%	10%

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Date Received: 8/30/2006 Client: DSBN  
Date Analyzed: 8/31/2006 Client Contact: B. Poort  
Date Report Issued: 8/31/2006 OESN # 1011-2433-OEAB-06  
Sample Submitted By: J. Drummond Job Title: E.L Crossley Secondary School

### Polarized Light Microscopy Results

-----Chain of Custody Description -----				-----Percent Asbestos-----						---Percent Non-Asbestos---					
Sample #	OESN HM #	Material	Location / F.S	ACTN	AMOS	ANTH	CHRY	CROC	TREM		TAR	PLAS	PERL	CELL	PAINT
2433-06-63-P01	HN-63-P01	Plaster - Rough Texture	Storage Room 63-1018	-	-	-	-	-	-	~	5%	80%	15%	<1%	-
2433-06-63-P02	HN-63-P01	Plaster - Rough Texture	Storage Room 63-1018	-	-	-	-	-	-	~	5%	80%	15%	<1%	-
2433-06-63-P03	HN-63-P01	Plaster - Rough Texture	Storage Room 63-1018	-	-	-	-	-	-	~	5%	80%	15%	<1%	-
2433-06-63-P04	HN-63-P02	Plaster - Smooth Texture	Girl's Change Room 63-1037	-	-	-	-	-	-	~	-	85%	15%	<1%	-
2433-06-63-P05	HN-63-P02	Plaster - Smooth Texture Skim Coat	Girl's Change Room 63-1037	-	-	-	-	-	-	~	-	90%	-	<1%	10%
		Base Coat		-	-	-	-	-	-	~	-	85%	15%	<1%	-
2433-06-63-P06	HN-63-P02	Plaster - Smooth Texture Skim Coat	Girl's Change Room 63-1037	-	-	-	-	-	-	~	-	90%	-	<1%	10%
		Base Coat		-	-	-	-	-	-	~	-	85%	15%	<1%	-

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AMOS = Amosite    CELL = Cellulose    MAST = Mastic  
ANTH = Anthophyllite    CERWL = Ceramic Wool    NANTH = Non-Asbestiform Anthophyllite  
CHRY = Chrysotile    DEBR = Debris    N D = None Detected  
CROC = Crocidolite    FBGL = Fibrous Glass    NTREM = Non-Asbestiform Tremolite  
TREM = Tremolite    GYP = Gypsum

ORGN = Organics    SYNT = Synthetics  
PERL = Perlite    WOLL = Wollastonite  
PLAS = Plaster  
RUBR = Rubber  
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MDL: 1%

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Date Received: 3/22/2006  
Date Analyzed: 3/24/2006  
Date Report Issued: 3/24/2006  
Sample Submitted By: J. Drummond

Client: DSBN  
Client Contact: B. Poort  
OESN # 1011-2433-OEAB-06  
Job Title: E.L Crossley Secondary School

### Polarized Light Microscopy Results

Chain of Custody Description				Percent Asbestos						Percent Non-Asbestos					
Sample #	OESN HM #	Material	Location / F.S	ACTN	AMOS	ANTH	CHRY	CROC	TREM	BIND	PLAS	SILI	PAINT	PERL	FOAM
2433-06-63-P07	HN-63-P03	Plaster - Rough Finish (2)	Boys Change Room/ Shower 63-1061	-	-	-	-	-	-	~	-	80%	20%	-	-
2433-06-63-P08	HN-63-P03	Plaster - Rough Finish (2)	Boys Change Room/ Shower 63-1061	-	-	-	-	-	-	~	-	80%	20%	-	-
2433-06-63-P09	HN-63-P03	Plaster - Rough Finish (2)	Boys Change Room/ Shower 63-1061	-	-	-	-	-	-	~	-	80%	20%	-	-
2433-06-63-P10	HN-63-P04	Plaster - Swirl Finish	Corridor 63-1094	-	-	-	-	-	-	~	-	95%	5%	-	-
2433-06-63-P11	HN-63-P04	Plaster - Swirl Finish	Corridor 63-1094	-	-	-	-	-	-	~	-	95%	5%	-	-
2433-06-63-P12	HN-63-P04	Plaster - Swirl Finish	Corridor 63-1094	-	-	-	-	-	-	~	-	95%	5%	-	-
2433-06-63-P13	HN-63-P05	Plaster - Stippled Finish	Lecture Hall 63-1096	-	-	-	2%	-	-	~	-	78%	-	-	20%
2433-06-63-P14	HN-63-P05	Plaster - Stippled Finish	Lecture Hall 63-1096	SAMPLE NOT ANALYZED											
2433-06-63-P15	HN-63-P05	Plaster - Stippled Finish	Lecture Hall 63-1096	SAMPLE NOT ANALYZED											
2433-06-63-P16	HN-63-P06	Plaster - Popcorn Finish	Library 63-1097	-	-	-	3%	-	-	~	72%	-	-	5%	20%
2433-06-63-P17	HN-63-P06	Plaster - Popcorn Finish	Library 63-1097	SAMPLE NOT ANALYZED											
2433-06-63-P18	HN-63-P06	Plaster - Popcorn Finish	Library 63-1097	SAMPLE NOT ANALYZED											

The following definitions apply to the abbreviations used in the Asbestos Bulk Analysis Report:

ACTN = Actinolite    BIND = Binder    GRAV = Gravel  
AMOS = Amosite    CELL = Cellulose    MAST = Mastic  
ANTH = Anthophyllite    CERWL = Ceramic Wool    NANTH = Non-Asbestiform Anthophyllite  
CHRY = Chrysotile    DEBR = Debris    N D = None Detected  
CROC = Crocidolite    FBGL = Fibrous Glass    NTREM = Non-Asbestiform Tremolite  
TREM = Tremolite    GYP = Gypsum

ORGN = Organics    SYNT = Synthetics  
PERL = Perlite    WOLL = Wollastonite  
PLAS = Plaster  
RUBR = Rubber  
SILI = Silicates

MDL: 1%

Prepared, Calculated according to EPA 600 / M4-82 /020 and EPA 600/R-93/116 Method.

NVLAP accreditation number #101768-0

Lab code A06-4123

Authorized Signature: \_\_\_\_\_

ONTARIO ENVIRONMENTAL & SAFETY NETWORK LTD.  
126 LAKE STREET ST. CATHARINES, ON  
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Date Received: 3/22/2006  
Date Analyzed: 3/24/2006  
Date Report Issued: 3/24/2006  
Sample Submitted By: J. Drummond

Client: DSBN  
Client Contact: B. Poort  
OESN # 1011-2433-OEAB-06  
Job Title: E.L Crossley Secondary School

### Polarized Light Microscopy Results

Chain of Custody Description				Percent Asbestos						Percent Non-Asbestos				
Sample #	OESN HM #	Material	Location / F.S	ACTN	AMOS	ANTH	CHRY	CROC	TREM		BIND	PLAS	SILI	PAINT PERL
2433-06-63-P19	HN-63-P07	Plaster - Skim Coat	Former Greenhouse Roof 63-5001	-	-	-	-	-	-	~	-	100%	-	- -
		Base Coat		-	-	-	-	-	-	~	-	100%	-	- -
2433-06-63-P20	HN-63-P07	Plaster - Skim Coat	Former Greenhouse Roof 63-5001	-	-	-	-	-	-	~	-	100%	-	- -
		Base Coat		-	-	-	-	-	-	~	-	100%	-	- -
2433-06-63-P21	HN-63-P07	Plaster ( Fibrous)	Former Greenhouse Roof 63-5001	-	-	-	-	-	-	~	90%	-	5%	5% -
		Plaster (Non Fibrous)		-	-	-	-	-	-	~	70%	-	15%	- 15%

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ACTN = Actinolite    BIND = Binder    GRAV = Gravel  
AMOS = Amosite    CELL = Cellulose    MAST = Mastic  
ANTH = Anthophyllite    CERWL = Ceramic Wool    NANTH = Non-Asbestiform Anthophyllite  
CHRY = Chrysotile    DEBR = Debris    N D = None Detected  
CROC = Crocidolite    FBGL = Fibrous Glass    NTREM = Non-Asbestiform Tremolite  
TREM = Tremolite    GYP = Gypsum

ORGN = Organics    SYNT = Synthetics  
PERL = Perlite    WOLL - Wollastonite  
PLAS = Plaster  
RUBR = Rubber  
SILI = Silicates

MDL: 1%

Prepared, Calculated according to EPA 600 / M4-82 /020 and EPA 600/R-93/116 Method.

NVLAP accreditation number #101768-0

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Date Received: 8/28/2006  
Date Analyzed: 8/29/2006  
Date Report Issued: 8/29/2006  
Sample Submitted By: J. Drummond

Client: DSBN  
Client Contact: B. Poort  
OESN # 1011-2433-OEAB-06  
Job Title: E.L Crossley Secondary School

### Polarized Light Microscopy Results

-----Chain of Custody Description -----				-----Percent Asbestos-----						---Percent Non-Asbestos--					
Sample #	OESN HM #	Material	Location / F.S	ACTN	AMOS	ANTH	CHRY	CROC	TREM		BIND	PAINT	FBGL	MICA	OTHER
2433-06-63-CT01	HF-63-CT01	Ceiling Tile - 12"x 12" Interlocking Fissured	Corridor 63-B003	-	-	-	-	-	-	~	10%	<1%	90%	-	-
2433-06-63-CT02	HF-63-CT01	Ceiling Tile - 12"x 12" Interlocking Fissured	Corridor 63-B003	-	-	-	-	-	-	~	10%	<1%	90%	-	-
2433-06-63-CT03	HF-63-CT01	Ceiling Tile - 12"x 12" Interlocking Fissured	Corridor 63-B003	-	-	-	-	-	-	~	10%	<1%	90%	-	-
2433-06-63-TC01	HF-63-TC01	Texture Coat	Stairwell 63-B006	-	-	-	-	-	-	~	50%	25%	-	25%	-
2433-06-63-TC02	HF-63-TC01	Texture Coat	Stairwell 63-B006	-	-	-	-	-	-	~	50%	25%	-	25%	-
2433-06-63-TC03	HF-63-TC01	Texture Coat	Stairwell 63-B006	-	-	-	-	-	-	~	50%	25%	-	25%	-

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CROC = Crocidolite  
TREM = Tremolite

BIND = Binder  
CELL = Cellulose  
CERWL = Ceramic Wool  
DEBR = Debris  
FBGL = Fibrous Glass

GRAV = Gravel  
MAST = Mastic  
NANTH = Non-Asbestiform Anthophyllite  
N D = None Detected  
NTREM = Non-Asbestiform Tremolite

ORGN = Organics  
PERL = Perlite  
PLAS = Plaster  
RUBR = Rubber  
SILI = Silicates

SYNT = Synthetics  
WOLL - Wollastonite

MDL: 1%

Prepared, Calculated according to EPA 600 / M4-82 /020 and EPA 600/R-93/116 Method.

NVLAP accreditation number #101768-0

Lab code A06-4123

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Date Received: 8/30/2006 Client: DSNB  
Date Analyzed: 8/31/2006 Client Contact: B. Poort  
Date Report Issued: 8/31/2006 OESN # 1011-2433-OEAB-06  
Sample Submitted By: J. Drummond Job Title: E.L Crossley Secondary School

### Polarized Light Microscopy Results

-----Chain of Custody Description -----				-----Percent Asbestos-----						---Percent Non-Asbestos--					
Sample #	OESN HM #	Material	Location / F.S	ACTN	AMOS	ANTH	CHRY	CROC	TREM		PAINT	PERL	FBGL	CELL	WOLL
2433-06-63-CT04	HF-63-CT02	Ceiling Tile - 2' x 4' fissured dot	Small Gym 'C' Corridor 63-1040	-	-	-	-	-	-	~	5%	25%	35%	25%	10%
2433-06-63-CT05	HF-63-CT02	Ceiling Tile - 2' x 4' fissured dot	Small Gym 'C' Corridor 63-1040	-	-	-	-	-	-	~	5%	25%	35%	25%	10%
2433-06-63-CT06	HF-63-CT02	Ceiling Tile - 2' x 4' fissured dot	Small Gym 'C' Corridor 63-1040	-	-	-	-	-	-	~	5%	25%	35%	25%	10%

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GRAV = Gravel  
MAST = Mastic  
NANTH = Non-Asbestiform Anthophyllite  
N D = None Detected  
NTREM = Non-Asbestiform Tremolite  
GYP = Gypsum

ORGN = Organics  
PERL = Perlite  
PLAS = Plaster  
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SILI = Silicates

SYNT = Synthetics  
WOLL - Wollastonite

MDL: 1%

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NVLAP accreditation number #101768-0

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Date Received: 8/28/2006  
Date Analyzed: 8/29/2006  
Date Report Issued: 8/29/2006  
Sample Submitted By: J. Drummond

Client: DSBN  
Client Contact: B. Poort  
OESN # 1011-2433-OEAB-06  
Job Title: E.L Crossley Secondary School

### Polarized Light Microscopy Results

Chain of Custody Description				Percent Asbestos						Percent Non-Asbestos					
Sample #	OESN HM #	Material	Location / F.S	ACTN	AMOS	ANTH	CHRY	CROC	TREM		BIND	TAR	FBGL	CELL	OTHER
2433-06-63-PI01	HF-63-PI01	Insulated Cement Fitting HWH	Air Handling Room 63-MR-004	-	-	-	70%	-	-	~	30%	-	-	-	-
2433-06-63-PI02	HF-63-PI02	Insulated Cement Fitting RWL	Air Handling Room 63-MR-004	-	-	-	35%	-	-	~	65%	-	-	-	-
2433-06-63-PI03	HF-63-PI03	Insulated Cement Fitting DCW	Air Handling Room 63-MR-004	-	-	-	35%	-	-	~	65%	-	-	-	-
2433-06-63-PI04	HF-63-PI04	PCPI with BP	Principal's Office 63-1013	-	-	-	-	-	-	~	<1%	10%	-	90%	-
2433-06-63-PI05	HF-63-PI04	PCPI with BP	Principal's Office 63-1013	-	-	-	-	-	-	~	<1%	10%	-	90%	-
2433-06-63-PI06	HF-63-PI04	PCPI with BP	Principal's Office 63-1013	-	-	-	-	-	-	~	<1%	10%	-	90%	-
2433-06-63-V01	HF-63-V01	Cement Packing on HVAC	Air Handling Room 63-MR-004	-	-	-	35%	-	-	~	65%	-	-	-	-

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TREM = Tremolite  
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DEBR = Debris  
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GRAV = Gravel  
MAST = Mastic  
NANTH = Non-Asbestiform Anthophyllite  
N D = None Detected  
NTREM = Non-Asbestiform Tremolite

ORGN = Organics  
PERL = Perlite  
PLAS = Plaster  
RUBR = Rubber  
SILI = Silicates

SYNT = Synthetics  
WOLL = Wollastonite

MDL: 1%

Prepared, Calculated according to EPA 600 / M4-82 /020 and EPA 600/R-93/116 Method.

NVLAP accreditation number #101768-0

Lab code A06-4123

Authorized Signature: \_\_\_\_\_

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Date Received: 9/1/2006  
Date Analyzed: 9/5/2006  
Date Report Issued: 9/5/2006  
Sample Submitted By: J. Drummond

Client: DSBN  
Client Contact: B. Poort  
OESN #: 1011-2433-OEAB-06  
Job Title: E.L Crossley Secondary School

### Polarized Light Microscopy Results

-----Chain of Custody Description-----				-----Percent Asbestos-----						---Percent Non-Asbestos--					
Sample #	OESN HM #	Material	Location / F.S	ACTN	AMOS	ANTH	CHRY	CROC	TREM		BIND	VINYL	MAST	CELL	PAINT
2433-06-63-PI07	HF-63-PI05	Insulated Cement Fitting HWH	Custodian Room 63-1092	-	-	-	55%	-	-	~	40%	-	-	-	5%
2433-06-63-PI08	HF-63-PI05	Insulated Cement Fitting HWH	Custodian Room 63-1092	SAMPLE NOT ANALYZED											
2433-06-63-PI09	HF-63-PI05	Insulated Cement Fitting HWH	Custodian Room 63-1092	SAMPLE NOT ANALYZED											

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TREM = Tremolite

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MAST = Mastic  
NANTH = Non-Asbestiform Anthophyllite  
N D = None Detected  
NTREM = Non-Asbestiform Tremolite  
GYP = Gypsum

ORGN = Organics  
PERL = Perlite  
PLAS = Plaster  
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MDL: 1%

Prepared, Calculated according to EPA 600 / M4-82 /020 and EPA 600/R-93/116 Method.

NVLAP accreditation number #101768-0

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Authorized Signature: \_\_\_\_\_

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Date Received: 8/28/2006  
Date Analyzed: 8/29/2006  
Date Report Issued: 8/29/2006  
Sample Submitted By: J. Drummond

Client: DSBN  
Client Contact: B. Poort  
OESN # 1011-2433-OEAB-06  
Job Title: E.L. Crossley Secondary School

### Polarized Light Microscopy Results

Chain of Custody Description				Percent Asbestos						Percent Non-Asbestos				
Sample #	OESN HM #	Material	Location / F.S	ACTN	AMOS	ANTH	CHRY	CROC	TREM		BIND	SYNT	FBGL	CELL OTHER
2433-06-63-G01	HF-63-G01	Cloth Gasket	Boiler Room 63-MR-002	-	-	-	85%	-	-	~	-	-	-	15% -
2433-06-63-G02	HF-63-G01	Cloth Gasket	Boiler Room 63-MR-002	-	-	-	85%	-	-	~	-	-	-	15% -
2433-06-63-G03	HF-63-G01	Cloth Gasket	Boiler Room 63-MR-002	-	-	-	85%	-	-	~	-	-	-	15% -
2433-06-63-CL01	HF-63-CL01	Cloth Mitts	Art Room 63-B005	-	-	-	55%	-	-	~	-	35%	-	10% -
2433-06-63-CL02	HF-63-CL01	Cloth Mitts	Art Room 63-B005	-	-	-	55%	-	-	~	-	35%	-	10% -
2433-06-63-CL03	HF-63-CL01	Cloth Mitts	Art Room 63-B005	-	-	-	55%	-	-	~	-	35%	-	10% -

The following definitions apply to the abbreviations used in the Asbestos Bulk Analysis Report:

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CHRY = Chrysotile  
CROC = Crocidolite  
TREM = Tremolite

BIND = Binder  
CELL = Cellulose  
CERWL = Ceramic Wool  
DEBR = Debris  
FBGL = Fibrous Glass

GRAV = Gravel  
MAST = Mastic  
NANTH = Non-Asbestiform Anthophyllite  
N D = None Detected  
NTREM = Non-Asbestiform Tremolite

ORGN = Organics  
PERL = Perlite  
PLAS = Plaster  
RUBR = Rubber  
SILI = Silicates

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WOLL - Wollastonite

MDL: 1%

Prepared, Calculated according to EPA 600 / M4-82 /020 and EPA 600/R-93/116 Method.

NVLAP accreditation number #101768-0

Lab code A06-4123

Authorized Signature: \_\_\_\_\_

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Date Received: 8/30/2006 Client: DSNB  
Date Analyzed: 8/31/2006 Client Contact: B. Poort  
Date Report Issued: 8/31/2006 OESN # 1011-2433-OEAB-06  
Sample Submitted By: J. Drummond Job Title: E.L Crossley Secondary School

### Polarized Light Microscopy Results

-----Chain of Custody Description -----				-----Percent Asbestos-----						---Percent Non-Asbestos--					
Sample #	OESN HM #	Material	Location / F.S	ACTN	AMOS	ANTH	CHRY	CROC	TREM		PAINT	FOIL	FBGL	CELL	WOLL
2433-06-63-LG01	HF-63-LG01	Light Gasket - Foil Faced	Girl's Coach Room 63-1038	-	-	-	65%	-	-	~	-	10%	-	25%	-
2433-06-63-LG02	HF-63-LG01	Light Gasket - Foil Faced	Girl's Coach Room 63-1038	SAMPLE NOT ANALYZED											
2433-06-63-LG03	HF-63-LG01	Light Gasket - Foil Faced	Girl's Coach Room 63-1038	SAMPLE NOT ANALYZED											

The following definitions apply to the abbreviations used in the Asbestos Bulk Analysis Report:

ACTN = Actinolite    BIND = Binder    GRAV = Gravel  
AMOS = Amosite    CELL = Cellulose    MAST = Mastic  
ANTH = Anthophyllite    CERWL = Ceramic Wool    NANTH = Non-Asbestiform Anthophyllite  
CHRY = Chrysotile    DEBR = Debris    N D = None Detected  
CROC = Crocidolite    FBGL = Fibrous Glass    NTREM = Non-Asbestiform Tremolite  
TREM = Tremolite    GYP = Gypsum

ORGN = Organics    SYNT = Synthetics  
PERL = Perlite    WOLL = Wollastonite  
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MDL: 1%

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NVLAP accreditation number #101768-0

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Authorized Signature: 

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F. 905 988 1910

Date Received: 9/1/2006  
Date Analyzed: 9/5/2006  
Date Report Issued: 9/5/2006  
Sample Submitted By: J. Drummond

Client: DSBN  
Client Contact: B. Poort  
OESN # 1011-2433-OEAB-06  
Job Title: E.L Crossley Secondary School

### Polarized Light Microscopy Results

Chain of Custody Description				Percent Asbestos						Percent Non-Asbestos				
Sample #	OESN HM #	Material	Location / F.S	ACTN	AMOS	ANTH	CHRY	CROC	TREM	BIND	VINYL	MAST	CELL	SILI
2433-06-63-M01	HN-63-M01	Mastic	Corridor 63-1094	-	-	-	-	-	-	-	-	100%	-	-
2433-06-63-M02	HN-63-M01	Mastic	Corridor 63-1094	-	-	-	-	-	-	-	-	100%	-	-
2433-06-63-M03	HN-63-M01	Mastic	Corridor 63-1094	-	-	-	-	-	-	-	-	100%	-	-
2433-06-63-CH01	HN-63-CH01	Chair Backing	Lecture Hall 63-1096	-	-	-	-	-	-	10%	-	-	90%	-
2433-06-63-CH02	HN-63-CH01	Chair Backing	Lecture Hall 63-1096	-	-	-	-	-	-	10%	-	-	90%	-
2433-06-63-CH03	HN-63-CH01	Chair Backing	Lecture Hall 63-1096	-	-	-	-	-	-	10%	-	-	90%	-

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FBGL = Fibrous Glass  
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MAST = Mastic  
NANTH = Non-Asbestiform Anthophyllite  
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RUBR = Rubber  
SILI = Silicates

SYNT = Synthetics  
WOLL - Wollastonite

MDL: 1%

Prepared, Calculated according to EPA 600 / M4-82 /020 and EPA 600/R-93/116 Method.

NVLAP accreditation number #101768-0

Lab code A06-4123

Authorized Signature: \_\_\_\_\_

ONTARIO ENVIRONMENTAL & SAFETY NETWORK LTD.  
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Date Received: 8/28/2006  
Date Analyzed: 8/29/2006  
Date Report Issued: 8/29/2006  
Sample Submitted By: J. Drummond

Client: DSBN  
Client Contact: B. Poort  
OESN # 1011-2433-OEAB-06  
Job Title: E.L Crossley Secondary School

### Polarized Light Microscopy Results

Chain of Custody Description				Percent Asbestos						Percent Non-Asbestos				
Sample #	OESN HM #	Material	Location / F.S	ACTN	AMOS	ANTH	CHRY	CROC	TREM	BIND	VINYL	MICA	MAST	OTHER
2433-06-63-FP01	HF-63-FP01	Fireproofing	Exterior E001	-	-	-	30%	-	-	~	70%	95%	3%	-
2433-06-63-FP02	HF-63-FP01	Fireproofing	Exterior E001	-	-	-	30%	-	-	~	70%	-	-	90%
2433-06-63-FP03	HF-63-FP01	Fireproofing	Exterior E001	-	-	-	30%	-	-	~	70%	95%	3%	-

The following definitions apply to the abbreviations used in the Asbestos Bulk Analysis Report:

ACTN = Actinolite  
AMOS = Amosite  
ANTH = Anthophyllite  
CHRY = Chrysotile  
CROC = Crocidolite  
TREM = Tremolite

BIND = Binder  
CELL = Cellulose  
CERWL = Ceramic Wool  
DEBR = Debris  
FBGL = Fibrous Glass

GRAV = Gravel  
MAST = Mastic  
NANTH = Non-Asbestiform Anthophyllite  
N D = None Detected  
NTREM = Non-Asbestiform Tremolite

ORGN = Organics  
PERL = Perlite  
PLAS = Plaster  
RUBR = Rubber  
SILI = Silicates

SYNT = Synthetics  
WOLL - Wollastonite

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Date Received: 9/1/2006 Client: DSBN  
Date Analyzed: 9/5/2006 Client Contact: B. Poort  
Date Report Issued: 9/5/2006 OESN # 1011-2433-OEAB-06  
Sample Submitted By: J. Drummond Job Title: E.L Crossley Secondary School

### Polarized Light Microscopy Results

-----Chain of Custody Description -----				-----Percent Asbestos-----						---Percent Non-Asbestos--					
Sample #	OESN HM #	Material	Location / F.S	ACTN	AMOS	ANTH	CHRY	CROC	TREM		BIND	VINYL	MAST	CELL	SILI
2433-06-68-FT01A	HN-68-FT01A	Floor Tile - 9"x 9" white	Technology Room 68-1006	-	-	-	3%	-	-	~	-	82%	-	-	15%
		Mastic		-	-	-	5%	-	-	~	-	-	92%	3%	-
2433-06-68-FT01B	HN-68-FT01A	Floor Tile - 9"x 9" white	Technology Room 68-1006	SAMPLE NOT ANALYZED											
2433-06-68-FT01C	HN-68-FT01A	Floor Tile - 9"x 9" white	Technology Room 68-1006	SAMPLE NOT ANALYZED											
2433-06-68-FT02A	HN-68-FT01B	Floor Tile - 9"x 9" maroon	Technology Room 68-1006	-	-	-	3%	-	-	~	-	82%	-	-	15%
		Mastic		-	-	-	5%	-	-	~	-	-	95%	-	-
2433-06-68-FT02B	HN-68-FT01B	Floor Tile - 9"x 9" maroon	Technology Room 68-1006	SAMPLE NOT ANALYZED											
2433-06-68-FT02C	HN-68-FT01B	Floor Tile - 9"x 9" maroon	Technology Room 68-1006	SAMPLE NOT ANALYZED											
2433-06-68-FT03A	HN-68-FT01C	Floor Tile - 9"x 9" tan	Technology Room 68-1006	-	-	-	3%	-	-	~	-	82%	-	-	15%
2433-06-68-FT03B	HN-68-FT01C	Floor Tile - 9"x 9" tan	Technology Room 68-1006	SAMPLE NOT ANALYZED											
2433-06-68-FT03C	HN-68-FT01C	Floor Tile - 9"x 9" tan	Technology Room 68-1006	SAMPLE NOT ANALYZED											

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CROC = Crocidolite  
TREM = Tremolite  
BIND = Binder  
CELL = Cellulose  
CERWL = Ceramic Wool  
DEBR = Debris  
FBGL = Fibrous Glass

GRAV = Gravel  
MAST = Mastic  
NANTH = Non-Asbestiform Anthophyllite  
N D = None Detected  
NTREM = Non-Asbestiform Tremolite  
GYP = Gypsum

ORGN = Organics  
PERL = Perlite  
PLAS = Plaster  
RUBR = Rubber  
SILI = Silicates

SYNT = Synthetics  
WOLL = Wollastonite

MDL: 1%

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Date Received: 9/1/2006 Client: DSNB  
Date Analyzed: 9/5/2006 Client Contact: B. Poort  
Date Report Issued: 9/5/2006 OESN # 1011-2433-OEAB-06  
Sample Submitted By: J. Drummond Job Title: E.L Crossley Secondary School

### Polarized Light Microscopy Results

-----Chain of Custody Description -----				-----Percent Asbestos-----						---Percent Non-Asbestos---					
Sample #	OESN HM #	Material	Location / F.S	ACTN	AMOS	ANTH	CHRY	CROC	TREM		SYNT	VINYL	MAST	CELL	SILI
2433-06-68-FT04	HN-68-FT02	Floor Tile - 12" x 12" salmon swirl	Technology Room 68-1006	-	-	-	-	-	-	~	-	85%	-	-	15%
		Mastic		-	-	-	-	-	-	~	-	-	98%	2%	-
2433-06-68-FT05	HN-68-FT02	Floor Tile - 12" x 12" salmon swirl	Technology Room 68-1006	-	-	-	-	-	-	~	-	85%	-	-	15%
		Mastic		-	-	-	-	-	-	~	-	-	98%	2%	-
2433-06-68-FT06	HN-68-FT02	Floor Tile - 12" x 12" salmon swirl	Technology Room 68-1006	-	-	-	-	-	-	~	-	85%	-	-	15%
		Mastic		-	-	-	-	-	-	~	-	-	98%	2%	-
2433-06-68-FT07	HN-68-FT03	Floor Tile - 12"x 12" grey swirl	Technology Room 68-1006	-	-	-	-	-	-	~	5%	85%	-	-	10%
		Mastic		-	-	-	-	-	-	~	-	-	98%	2%	-
2433-06-68-FT08	HN-68-FT03	Floor Tile - 12"x 12" grey swirl	Technology Room 68-1006	-	-	-	-	-	-	~	5%	85%	-	-	10%
		Mastic		-	-	-	-	-	-	~	-	-	98%	2%	-
2433-06-68-FT09	HN-68-FT03	Floor Tile - 12"x 12" grey swirl	Technology Room 68-1006	-	-	-	-	-	-	~	5%	85%	-	-	10%
		Mastic		-	-	-	-	-	-	~	-	-	98%	2%	-
2433-06-68-FT10	HN-68-FT04	Floor Tile - 12" x 12" grey with black streak	Technology Room 68-1006	-	-	-	-	-	-	~	5%	85%	-	-	10%
2433-06-68-FT11	HN-68-FT04	Floor Tile - 12" x 12" grey with black streak	Technology Room 68-1006	-	-	-	-	-	-	~	5%	85%	-	-	10%
2433-06-68-FT12	HN-68-FT04	Floor Tile - 12" x 12" grey with black streak	Technology Room 68-1006	-	-	-	-	-	-	~	5%	85%	-	-	10%

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GRAV = Gravel  
MAST = Mastic  
NANTH = Non-Asbestiform Anthophyllite  
N D = None Detected  
NTREM = Non-Asbestiform Tremolite  
GYP = Gypsum

ORGN = Organics  
PERL = Perlite  
PLAS = Plaster  
RUBR = Rubber  
SILI = Silicates

SYNT = Synthetics  
WOLL - Wollastonite

MDL: 1%

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NVLAP accreditation number #101768-0

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Date Report Issued: 9/5/2006  
Sample Submitted By: J. Drummond

Client: DSBN  
Client Contact: B. Poort  
OESN # 1011-2433-OEAB-06  
Job Title: E.L Crossley Secondary School

### Polarized Light Microscopy Results

Chain of Custody Description				Percent Asbestos						Percent Non-Asbestos				
Sample #	OESN HM #	Material	Location / F.S	ACTN	AMOS	ANTH	CHRY	CROC	TREM	BIND	VINYL	MAST	CELL	SILI
2433-06-68-FT13	HN-68-FT05	Floor Tile - 9"x 9" blue with white streak	Physics Classroom 68-1009	-	-	-	5%	-	-	-	95%	-	-	-
		Mastic		-	-	-	2%	-	-	-	-	98%	<1%	-
2433-06-68-FT14	HN-68-FT05	Floor Tile - 9"x 9" blue with white streak	Physics Classroom 68-1009	SAMPLE NOT ANALYZED										
2433-06-68-FT15	HN-68-FT05	Floor Tile - 9"x 9" blue with white streak	Physics Classroom 68-1009	SAMPLE NOT ANALYZED										
2433-06-68-FT16	HN-68-FT06	Floor Tile - 12"x 12" yellow and brown streak	Physics Staff/ Storage 68-1011	-	-	-	-	-	-	-	90%	-	-	10%
		Mastic		-	-	-	-	-	-	-	-	100%	<1%	-
2433-06-68-FT17	HN-68-FT06	Floor Tile - 12"x 12" yellow and brown streak	Physics Staff/ Storage 68-1011	-	-	-	-	-	-	-	90%	-	-	10%
		Mastic		-	-	-	-	-	-	-	-	100%	<1%	-
2433-06-68-FT18	HN-68-FT06	Floor Tile - 12"x 12" yellow and brown streak	Physics Staff/ Storage 68-1011	-	-	-	-	-	-	-	90%	-	-	10%
		Mastic		-	-	-	-	-	-	-	-	100%	<1%	-
2433-06-68-L01	HN-68-L01	Linoleum - Pink Cobblestone	TV/ Book Storage 68-1012	-	-	-	25%	-	-	-	10%	50%	5%	10%
2433-06-68-L02	HN-68-L01	Linoleum - Pink Cobblestone	TV/ Book Storage 68-1012	SAMPLE NOT ANALYZED										
2433-06-68-L03	HN-68-L01	Linoleum - Pink Cobblestone	TV/ Book Storage 68-1012	SAMPLE NOT ANALYZED										

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CROC = Crocidolite  
TREM = Tremolite

BIND = Binder  
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DEBR = Debris  
FBGL = Fibrous Glass

GRAV = Gravel  
MAST = Mastic  
NANTH = Non-Asbestiform Anthophyllite  
ND = None Detected  
NTREM = Non-Asbestiform Tremolite  
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PLAS = Plaster  
RUBR = Rubber  
SILI = Silicates

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Date Received: 9/1/2006      Client: DSBN  
Date Analyzed: 9/2/2006      Client Contact: B. Poort  
Date Report Issued: 9/2/2006      OESN # 1011-2433-OEAB-06  
Sample Submitted By: J. Drummond      Job Title: E.L Crossley Secondary School

### Polarized Light Microscopy Results

-----Chain of Custody Description -----				-----Percent Asbestos-----						---Percent Non-Asbestos--					
Sample #	OESN HM #	Material	Location / F.S	ACTN	AMOS	ANTH	CHRY	CROC	TREM		BIND	VINYL	MAST	MICA	CELL
2433-06-68-FT19	HN-68-FT07	Floor Tile - 9"x 9" green with white speck	Classroom 212 68-2005	-	-	-	3%	-	-	~	-	83%	-	2%	2%
		Mastic		-	-	-	-	-	-	~	-	-	95%	2%	3%
2433-06-68-FT20	HN-68-FT07	Floor Tile - 9"x 9" green with white speck	Classroom 212 68-2005	SAMPLE NOT ANALYZED											
		No Mastic for Analysis													
2433-06-68-FT21	HN-68-FT07	Floor Tile - 9"x 9" green with white speck	Classroom 212 68-2005	SAMPLE NOT ANALYZED											
		No Mastic for Analysis													
2433-06-68-FT22	HN-68-FT08	Floor Tile - 9"x 9" yellow	Classroom 211 68-2011	-	-	-	5%	-	-	~	-	93%	-	2%	-
		Mastic		-	-	-	-	-	-	~	-	-	98%	<1%	2%
2433-06-68-FT23	HN-68-FT08	Floor Tile - 9"x 9" yellow	Classroom 211 68-2011	SAMPLE NOT ANALYZED											
		No Mastic for Analysis													
2433-06-68-FT24	HN-68-FT08	Floor Tile - 9"x 9" yellow	Classroom 211 68-2011	SAMPLE NOT ANALYZED											
		Mastic		-	-	-	-	-	-	~	-	-	98%	<1%	2%

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ACTN = Actinolite    BIND = Binder  
AMOS = Amosite    CELL = Cellulose  
ANTH = Anthophyllite    CERWL = Ceramic Wool  
CHRY = Chrysotile    DEBR = Debris  
CROC = Crocidolite    FBGL = Fibrous Glass  
TREM = Tremolite

GRAV = Gravel  
MAST = Mastic  
NANTH = Non-Asbestiform Anthophyllite  
N D = None Detected  
NTREM = Non-Asbestiform Tremolite  
GYP = Gypsum

ORGN = Organics  
PERL = Perlite  
PLAS = Plaster  
RUBR = Rubber  
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Sample Submitted By: J. Drummond Job Title: E.L Crossley Secondary School

### Polarized Light Microscopy Results

-----Chain of Custody Description -----				-----Percent Asbestos-----							---Percent Non-Asbestos--				
Sample #	OESN HM #	Material	Location / F.S	ACTN	AMOS	ANTH	CHRY	CROC	TREM		BIND	VINYL	MAST	MICA	CELL
2433-06-68-FT25	HN-68-FT09	Floor Tile - 12"x 12" white with blue speck	Classroom 316 68-3008	-	-	-	-	-	-	~	-	100%	-	<1%	-
		No Mastic for Analysis								~					
2433-06-68-FT26	HN-68-FT09	Floor Tile - 12"x 12" white with blue speck	Classroom 316 68-3008	-	-	-	-	-	-	~	-	100%	-	<1%	-
		No Mastic for Analysis													
2433-06-68-FT27	HN-68-FT09	Floor Tile - 12"x 12" white with blue speck	Classroom 316 68-3008	-	-	-	-	-	-	~	-	100%	-	<1%	-
		Mastic		-	-	-	-	-	-	~	-	-	98%	<1%	2%
2433-06-68-FT28	HN-68-FT10	Floor Tile - 12"x 12" brown swirl	Classroom 309 68-3017	-	-	-	-	-	-	~	-	100%	-	<1%	-
		Mastic		-	-	-	-	-	-	~	-	-	98%	<1%	2%
2433-06-68-FT29	HN-68-FT10	Floor Tile - 12"x 12" brown swirl	Classroom 309 68-3017	-	-	-	-	-	-	~	-	100%	-	<1%	-
		Mastic		-	-	-	-	-	-	~	-	-	98%	<1%	2%
2433-06-68-FT30	HN-68-FT10	Floor Tile - 12"x 12" brown swirl	Classroom 309 68-3017	-	-	-	-	-	-	~	-	100%	-	<1%	-
		No Mastic for Analysis													
2433-06-68-FT31	HN-68-FT11	Floor Tile - 9" x 9" brown with white streak	Display Case 68-3020	-	-	-	2%	-	-	~	-	98%	-	<1%	-
		No Mastic for Analysis													

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CROC = Crocidolite  
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FBGL = Fibrous Glass  
GRAV = Gravel  
MAST = Mastic  
NANTH = Non-Asbestiform Anthophyllite  
N D = None Detected  
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GYP = Gypsum

ORGN = Organics  
PERL = Perlite  
PLAS = Plaster  
RUBR = Rubber  
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### Polarized Light Microscopy Results

Chain of Custody Description				Percent Asbestos						Percent Non-Asbestos					
Sample #	OESN HM #	Material	Location / F.S	ACTN	AMOS	ANTH	CHRY	CROC	TREM	BIND	GYP	PLAS	CELL	SILI	PAINT
2433-06-68-DRW01	HF-68-DRW01	Drywall	Physics Staff/ Storage 68-1011	-	-	-	-	-	-	85%	-	-	-	-	15%
2433-06-68-DRW02	HF-68-DRW01	Drywall	Physics Staff/ Storage 68-1011	-	-	-	-	-	-	85%	-	-	-	-	15%
2433-06-68-DRW03	HF-68-DRW01	Drywall	Physics Staff/ Storage 68-1011	-	-	-	-	-	-	50%	25%	-	15%	-	10%
2433-06-68-DRW04	HF-68-DRW02	Drywall / Mud	Corridor above doors 68-1002	-	-	-	<1%	-	-	5%	55%	-	25%	-	15%
		Caulking		-	-	-	5%	-	-	90%	-	-	-	-	5%
2433-06-68-DRW05	HF-68-DRW02	Drywall / Mud	Corridor above doors 68-1002	-	-	-	<1%	-	-	5%	55%	-	25%	-	15%
		Caulking		SAMPLE NOT ANALYZED											
2433-06-68-DRW06	HF-68-DRW02	Drywall / Mud	Corridor above doors 68-1002	-	-	-	<1%	-	-	5%	55%	-	25%	-	15%
		Caulking		SAMPLE NOT ANALYZED											
2433-06-68-P01	HN-68-P01	Plaster Skim Coat	Classroom 213 68-2006	-	-	-	-	-	-	-	-	100%	-	-	-
		Plaster Base Coat		-	-	-	-	-	-	-	-	80%	-	20%	-
2433-06-68-P02	HN-68-P01	Plaster Skim Coat	Classroom 213 68-2006	-	-	-	-	-	-	-	-	100%	-	-	-
		Plaster Base Coat		-	-	-	-	-	-	-	-	80%	-	20%	-
2433-06-68-P03	HN-68-P01	Plaster Skim Coat	Classroom 213 68-2006	-	-	-	-	-	-	-	-	100%	-	-	-
		Plaster Base Coat		-	-	-	-	-	-	-	-	80%	-	20%	-

The following definitions apply to the abbreviations used in the Asbestos Bulk Analysis Report:

ACTN = Actinolite    BIND = Binder    GRAV = Gravel  
AMOS = Amosite    CELL = Cellulose    MAST = Mastic  
ANTH = Anthophyllite    CERWL = Ceramic Wool    NANTH = Non-Asbestiform Anthophyllite  
CHRY = Chrysotile    DEBR = Debris    N D = None Detected  
CROC = Crocidolite    FBGL = Fibrous Glass    NTREM = Non-Asbestiform Tremolite  
TREM = Tremolite    GYP = Gypsum

ORGN = Organics    SYNT = Synthetics  
PERL = Perlite    WOLL = Wollastonite  
PLAS = Plaster  
RUBR = Rubber  
SILI = Silicates

MDL: 1%

Prepared, Calculated according to EPA 600 / M4-82 /020 and EPA 600/R-93/116 Method.

NVLAP accreditation number #101768-0

Lab code A06-4123

Authorized Signature: \_\_\_\_\_

**ONTARIO ENVIRONMENTAL & SAFETY NETWORK LTD. CAROLINA ENVIRONMENTAL INC.**  
**126 LAKE STREET ST. CATHARINES, ON**  
**PHONE: (905) 988-1554**

**107 NEW EDITION COURT GARY, NC**  
**FAX: (905) 988-1910**



126 Lake Street  
St. Catharines ON  
L2R 5Y1  
P. 905 988 1554  
F. 905 988 1910

Date Received: 9/1/2006  
Date Analyzed: 9/5/2006  
Date Report Issued: 9/5/2006  
Sample Submitted By: J. Drummond

Client: DSBN  
Client Contact: B. Poort  
OESN # 1011-2433-OEAB-06  
Job Title: E.L Crossley Secondary School

### Polarized Light Microscopy Results

Chain of Custody Description				Percent Asbestos						Percent Non-Asbestos				
Sample #	OESN HM #	Material	Location / F.S	ACTN	AMOS	ANTH	CHRY	CROC	TREM	BIND	GYP	FBGL	CELL	PAINT
2433-06-68-CT01	HF-68-CT01	Ceiling Tile - 2'x 4' deep strata dot	Engine Shop Class 68-1005	-	-	-	-	-	-	~	15%	-	35%	45% 5%
2433-06-68-CT02	HF-68-CT01	Ceiling Tile - 2'x 4' deep strata dot	Engine Shop Class 68-1005	-	-	-	-	-	-	~	15%	-	35%	45% 5%
2433-06-68-CT03	HF-68-CT01	Ceiling Tile - 2'x 4' deep strata dot	Engine Shop Class 68-1005	-	-	-	-	-	-	~	15%	-	35%	45% 5%

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ANTH = Anthophyllite  
CHRY = Chrysotile  
CROC = Crocidolite  
TREM = Tremolite

BIND = Binder  
CELL = Cellulose  
CERWL = Ceramic Wool  
DEBR = Debris  
FBGL = Fibrous Glass

GRAV = Gravel  
MAST = Mastic  
NANTH = Non-Asbestiform Anthophyllite  
N D = None Detected  
NTREM = Non-Asbestiform Tremolite  
GYP = Gypsum

ORGN = Organics  
PERL = Perlite  
PLAS = Plaster  
RUBR = Rubber  
SILI = Silicates

SYNT = Synthetics  
WOLL = Wollastonite

MDL: 1%

Prepared, Calculated according to EPA 600 / M4-82 /020 and EPA 600/R-93/116 Method.

NVLAP accreditation number #101768-0

Lab code A06-4123

Authorized Signature: \_\_\_\_\_

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CAROLINA ENVIRONMENTAL INC.  
107 NEW EDITION COURT CARY, NC  
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P. 905 988 1554  
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Date Received: 9/1/2006 Client: DSBN  
Date Analyzed: 9/5/2006 Client Contact: B. Poort  
Date Report Issued: 9/5/2006 OESN # 1011-2433-OEAB-06  
Sample Submitted By: J. Drummond Job Title: E.L Crossley Secondary School

### Polarized Light Microscopy Results

Chain of Custody Description				Percent Asbestos						Percent Non-Asbestos				
Sample #	OESN HM #	Material	Location / F.S	ACTN	AMOS	ANTH	CHRY	CROC	TREM	BIND	PAINT	FBGL	PERL	CELL
2433-06-68-CT04	HF-68-CT02	Ceiling Tile - 12"x 12"interlocking fissured doteep strata dot	Classroom 211 68-2011	-	-	-	-	-	-	~	12%	3%	85%	<1%
2433-06-68-CT05	HF-68-CT02	Ceiling Tile - 12"x 12"interlocking fissured doteep strata dot	Classroom 211 68-2011	-	-	-	-	-	-	~	17%	-	45%	35% 3%
2433-06-68-CT06	HF-68-CT02	Ceiling Tile - 12"x 12"interlocking fissured doteep strata dot	Classroom 211 68-2011	-	-	-	-	-	-	~	17%	-	45%	35% 3%

The following definitions apply to the abbreviations used in the Asbestos Bulk Analysis Report:

ACTN = Actinolite	BIND = Binder	GRAV = Gravel	ORGN = Organics	SYNT = Synthetics
AMOS = Amosite	CELL = Cellulose	MAST = Mastic	PERL = Perlite	WOLL = Wollastonite
ANTH = Anthophyllite	CERWL = Ceramic Wool	NANTH = Non-Asbestiform Anthophyllite	PLAS = Plaster	
CHRY = Chrysotile	DEBR = Debris	N D = None Detected	RUBR = Rubber	
CROC = Crocidolite	FBGL = Fibrous Glass	NTREM = Non-Asbestiform Tremolite	SILI = Silicates	
TREM = Tremolite		GYP = Gypsum		

MDL: 1%

Prepared, Calculated according to EPA 600 / M4-82 /020 and EPA 600/R-93/116 Method.

NVLAP accreditation number #101768-0

Lab code A06-4123

Authorized Signature: \_\_\_\_\_

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P. 905 988 1554  
F. 905 988 1910

Date Received: 9/1/2006  
Date Analyzed: 9/5/2006  
Date Report Issued: 9/5/2006  
Sample Submitted By: J. Drummond

Client: DSNB  
Client Contact: B. Poort  
OESN # 1011-2433-OEAB-06  
Job Title: E.L Crossley Secondary School

### Polarized Light Microscopy Results

-----Chain of Custody Description -----				-----Percent Asbestos-----						---Percent Non-Asbestos--				
Sample #	OESN HM #	Material	Location / F.S	ACTN	AMOS	ANTH	CHRY	CROC	TREM		BIND	VINYL	SILI	CELL PAINT
2433-06-68-TR01	HN-68-TR01	Transite Panel	Pipe Chase 68-2020	-	-	-	25%	-	-	~	60%	-	15%	- -
2433-06-68-MB01	HF-68-MB01	Millboard	Engine Shoppe Class 68-1005	-	-	-	15%	5%	-	~	70%	-	-	- -

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CROC = Crocidolite  
TREM = Tremolite

BIND = Binder  
CELL = Cellulose  
CERWL = Ceramic Wool  
DEBR = Debris  
FBGL = Fibrous Glass

GRAV = Gravel  
MAST = Mastic  
NANTH = Non-Asbestiform Anthophyllite  
N D = None Detected  
NTREM = Non-Asbestiform Tremolite  
GYP = Gypsum

ORGN = Organics  
PERL = Perlite  
PLAS = Plaster  
RUBR = Rubber  
SILI = Silicates

SYNT = Synthetics  
WOLL - Wollastonite

MDL: 1%

Prepared, Calculated according to EPA 600 / M4-82 /020 and EPA 600/R-93/116 Method.

NVLAP accreditation number #101768-0

Lab code A06-4123

Authorized Signature: \_\_\_\_\_

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Date Received: 9/1/2006  
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Sample Submitted By: J. Drummond

Client: DSNB  
Client Contact: B. Poort  
OESN # 1011-2433-OEAB-06  
Job Title: E.L Crossley Secondary School

### Polarized Light Microscopy Results

-----Chain of Custody Description -----				-----Percent Asbestos-----						---Percent Non-Asbestos--					
Sample #	OESN HM #	Material	Location / F.S	ACTN	AMOS	ANTH	CHRY	CROC	TREM		BIND	VINYL	MAST	CELL	PAINT
2433-06-68-TR02	HN-68-TR02	Transite Board	Engine Shope Class 68-1005	-	-	-	20%	-	-	~	75%	-	-	-	5%
2433-06-68-TR03	HN-68-TR02	Transite Board	Engine Shope Class 68-1005	SAMPLE NOT ANALYZED											
2433-06-68-TR04	HN-68-TR02	Transite Board	Engine Shope Class 68-1005	SAMPLE NOT ANALYZED											

The following definitions apply to the abbreviations used in the Asbestos Bulk Analysis Report:

ACTN = Actinolite  
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ANTH = Anthophyllite  
CHRY = Chrysotile  
CROC = Crocidolite  
TREM = Tremolite

BIND = Binder  
CELL = Cellulose  
CERWL = Ceramic Wool  
DEBR = Debris  
FBGL = Fibrous Glass

GRAV = Gravel  
MAST = Mastic  
NANTH = Non-Asbestiform Anthophyllite  
N D = None Detected  
NTREM = Non-Asbestiform Tremolite  
GYP = Gypsum

ORGN = Organics  
PERL = Perlite  
PLAS = Plaster  
RUBR = Rubber  
SILI = Silicates

SYNT = Synthetics  
WOLL - Wollastonite

MDL: 1%

Prepared, Calculated according to EPA 600 / M4-82 /020 and EPA 600/R-93/116 Method.

NVLAP accreditation number #101768-0

Lab code A06-4123

Authorized Signature: \_\_\_\_\_

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126 Lake Street  
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P. 905 988 1554  
F. 905 988 1910

Date Received: 3/22/2006 Client: DSBN  
Date Analyzed: 3/24/2006 Client Contact: B. Poort  
Date Report Issued: 9/5/2006 OESN # 1011-2433-OEAB-06  
Sample Submitted By: J. Drummond Job Title: E.L Crossley Secondary School

### Polarized Light Microscopy Results

-----Chain of Custody Description -----				-----Percent Asbestos-----						---Percent Non-Asbestos--					
Sample #	OESN HM #	Material	Location / F.S	ACTN	AMOS	ANTH	CHRY	CROC	TREM		BIND	HAIR	SILI	CELL	MICA
2433-06-68-PI01	HF-68-PI01	Paper Insulation	Pipe Chase 68-2020	-	-	-	60%	-	-	~	15%	-	-	25%	-
		Cloth Insulation		-	-	-	60%	-	-	~	25%	-	-	15%	-
		HorseHair Insulation		-	-	-	-	-	-	~	-	15%	-	85%	-
2433-06-68-VER01	HF-68-VER01	Vermiculite	Pipe Chase 68-2020	-	-	-	-	-	<1%	~	-	-	10%	3%	87%

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ANTH = Anthophyllite  
CHRY = Chrysotile  
CROC = Crocidolite  
TREM = Tremolite

BIND = Binder  
CELL = Cellulose  
CERWL = Ceramic Wool  
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FBGL = Fibrous Glass

GRAV = Gravel  
MAST = Mastic  
NANTH = Non-Asbestiform Anthophyllite  
N D = None Detected  
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ORGN = Organics  
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PLAS = Plaster  
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OESN # 1011-2433-OEAB-06  
Job Title: E.L Crossley Secondary School

### Polarized Light Microscopy Results

-----Chain of Custody Description -----				-----Percent Asbestos-----						---Percent Non-Asbestos--					
Sample #	OESN HM #	Material	Location / F.S	ACTN	AMOS	ANTH	CHRY	CROC	TREM		BIND	PERL	SILI	CELL	MICA
2433-06-68-S01	HF-68-S01	Fireproofing	Pipe Chase 68-2020	-	-	-	25%	-	-	~	15%	35%	15%	10%	-

The following definitions apply to the abbreviations used in the Asbestos Bulk Analysis Report:

ACTN = Actinolite  
AMOS = Amosite  
ANTH = Anthophyllite  
CHRY = Chrysotile  
CROC = Crocidolite  
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BIND = Binder  
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PLAS = Plaster  
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WOLL - Wollastonite

MDL: 1%

Prepared, Calculated according to EPA 600 / M4-82 /020 and EPA 600/R-93/116 Method.

NVLAP accreditation number #101768-0

Lab code A06-4123

Authorized Signature: \_\_\_\_\_

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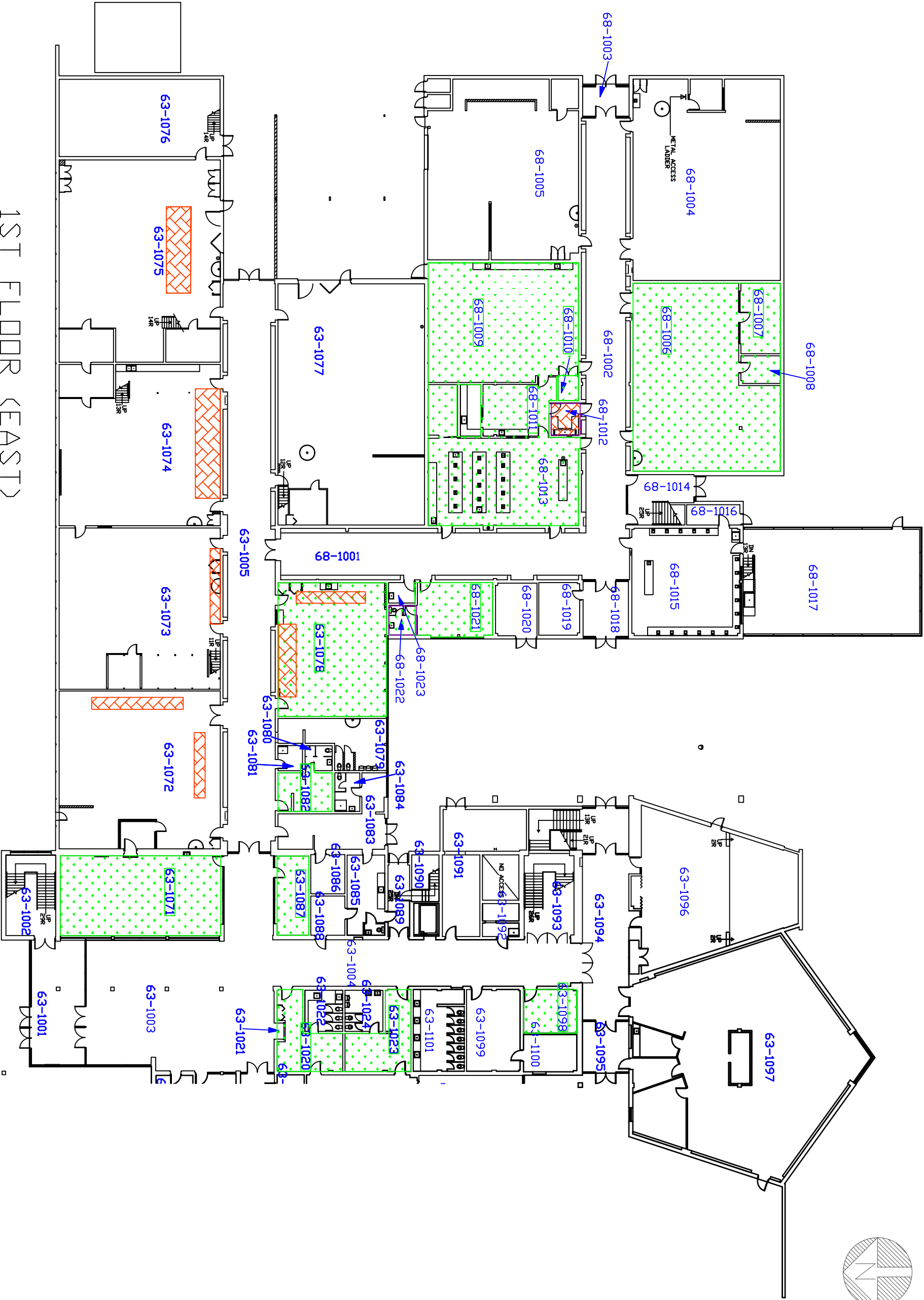
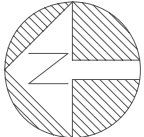
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# Appendix B

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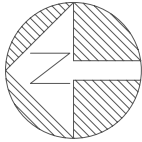
## Asbestos Location Drawings

---



1ST FLOOR (EAST)  
FLOOR MATERIALS

TITLE: <b>E. L. CROSSLEY</b> <b>ASBESTOS ASSESSMENT</b>	
CUSTOMER: DISTRICT SCHOOL BOARD OF NIAGARA	
LOCATION: 350 HIGHWAY 20 FONTHILL, ONTARIO L0S - 1E0	
<div>63-1001 FUNCTIONAL SPACE NUMBERS</div> <div>ASBESTOS FLOOR TILE</div> <div>ASBESTOS CONTAINING LINOLEUM</div>	
DRAWN: T. CORTES	
CHECKED: J. DRUMMOND	
APPROVED: J. DRUMMOND	
DATE: DEC./05/06	
SCALE: N.T.S.	REVISION: □
DESN JOB NO. 1011-2433-DEAB-06	
DWG NO. ELCR-2006-001-1AL	



TITLE:

E. L. CROSSLEY  
ASBESTOS ASSESSMENT

CUSTOMER:

DISTRICT SCHOOL BOARD  
OF NIAGARA

LOCATION:

350 HIGHWAY 20  
FONTHILL, ONTARIO  
L0S - 1E0

63-1001

FUNCTIONAL SPACE  
NUMBERS



ONTARIO ENVIRONMENTAL  
& SAFETY NETWORK LTD.

DRAWN:

T. CORTES

CHECKED:

J. DRUMMOND

APPROVED:

J. DRUMMOND

DATE:

DEC./05/06

SCALE:

N.T.S

REVISION:

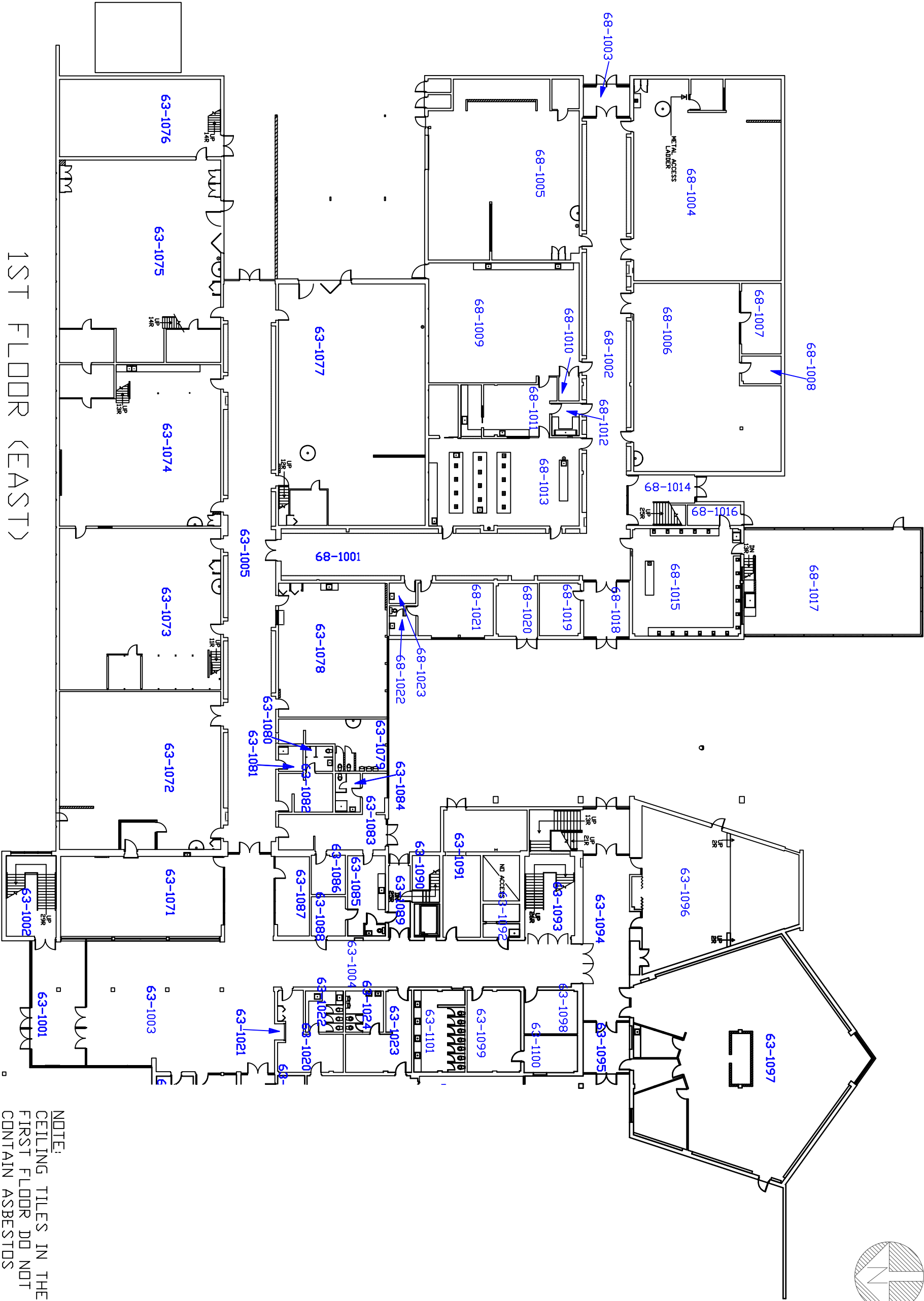
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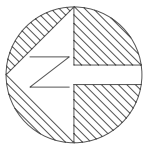
DESN JOB NO.

1011-2433-DEAB-06

DWG NO.

ELCR-2006-001-1BL





TITLE:

**E. L. CROSSLEY**  
**ASBESTOS ASSESSMENT**

CUSTOMER:

DISTRICT SCHOOL BOARD  
OF NIAGARA

LOCATION:

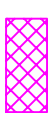
350 HIGHWAY 20  
FONTHILL, ONTARIO  
L0S - 1E0

63-1001

FUNCTIONAL SPACE  
NUMBERS



ASBESTOS DRYWALL



ASBESTOS PLASTER  
(STIPPLE FINISH)



ASBESTOS PLASTER (POP  
CORN FINISH)



**ONTARIO ENVIRONMENTAL  
& SAFETY NETWORK LTD.**

DRAWN:

T. CORTES

CHECKED:

J. DRUMMOND

APPROVED:

J. DRUMMOND

DATE:

DEC./05/06

SCALE:

N.T.S

REVISION:

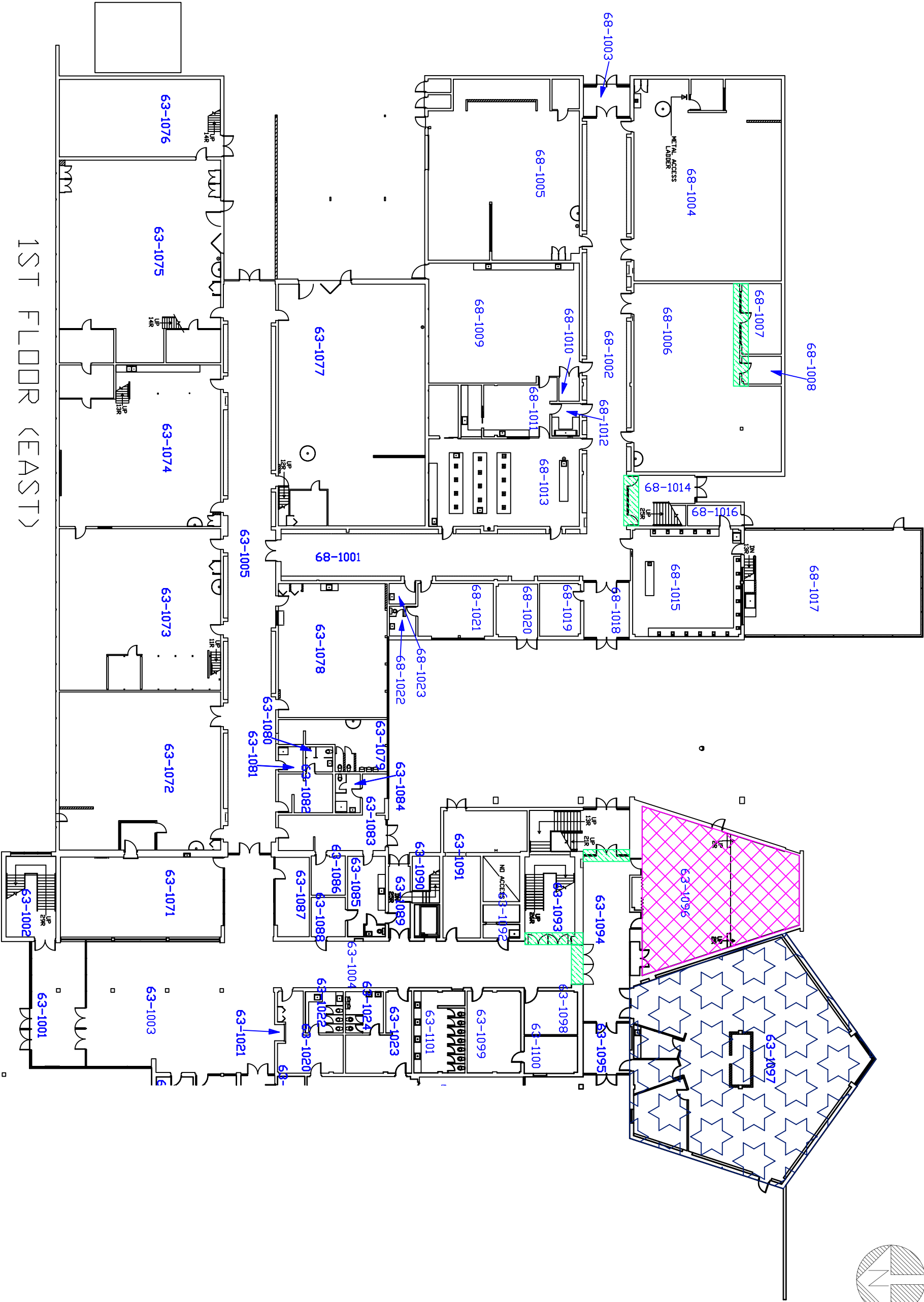
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DESN JOB NO.

1011-2433-DEAB-06

DWG NO.

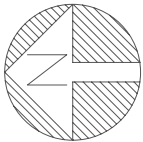
ELCR-2006-001-1CL



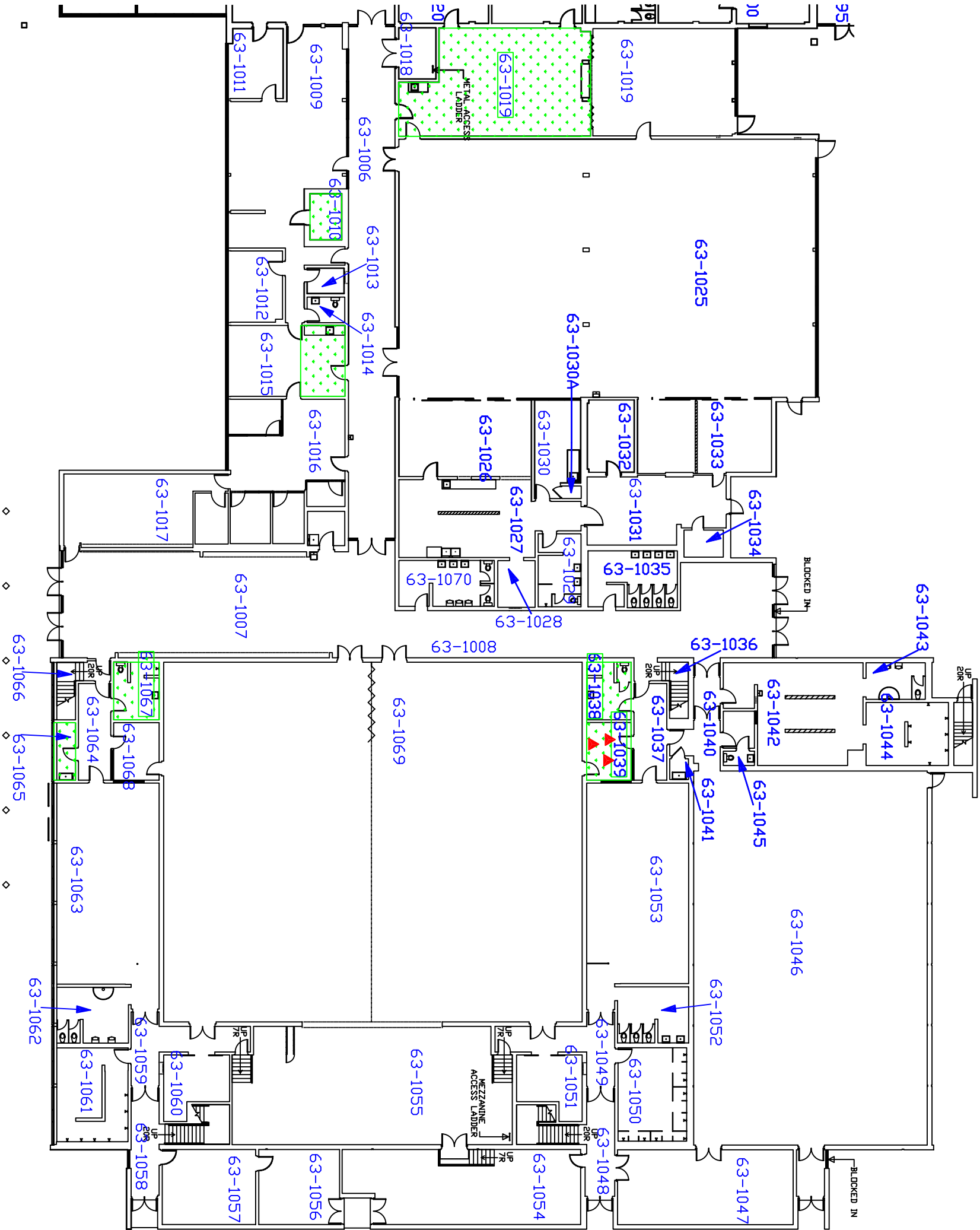









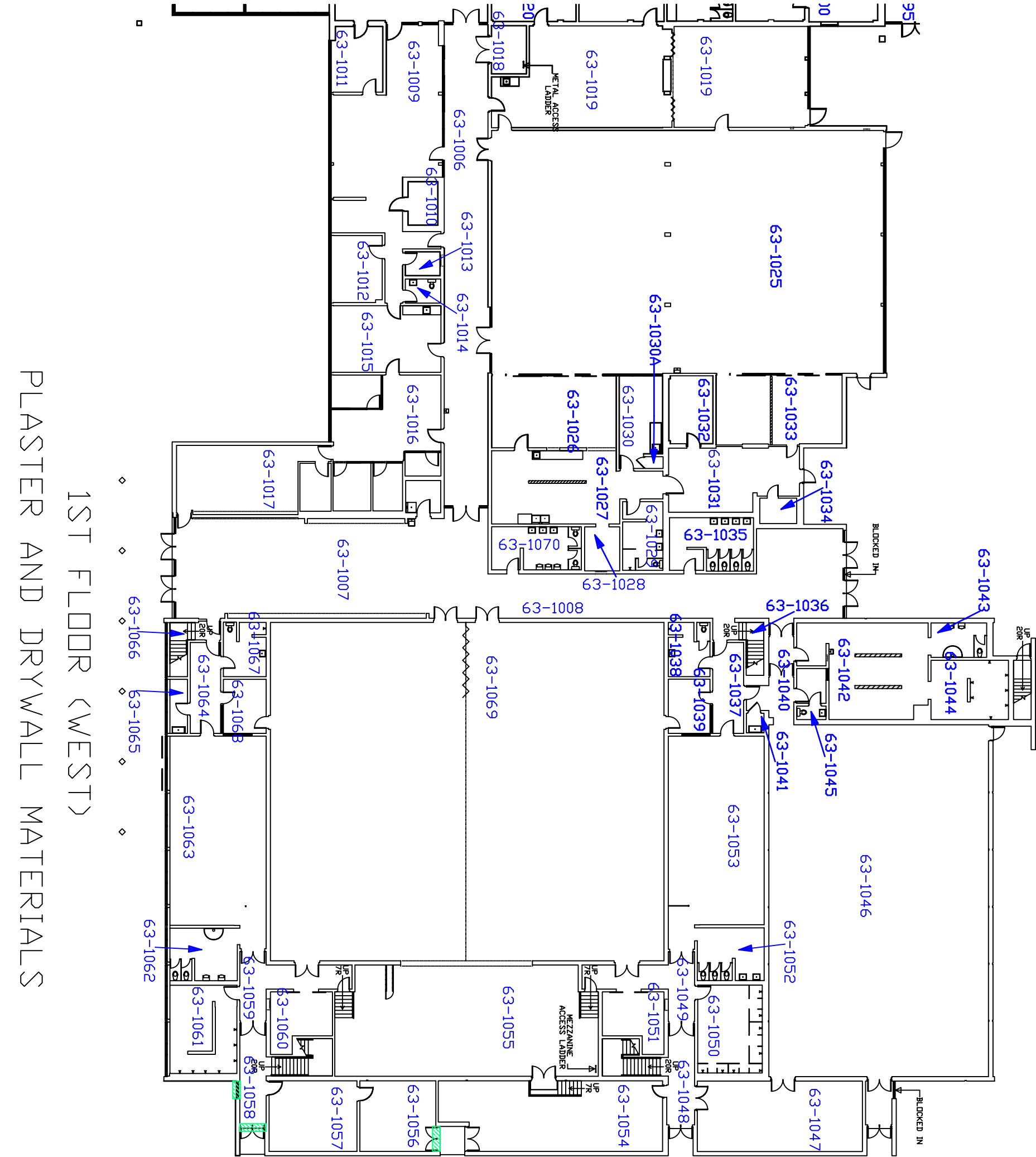
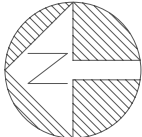
TITLE: <b>E. L. CROSSLEY</b> <b>ASBESTOS ASSESSMENT</b>	
CUSTOMER: DISTRICT SCHOOL BOARD OF NIAGARA	
LOCATION: 350 HIGHWAY 20 FONTHILL, ONTARIO L0S - 1E0	
<div>63-1001</div> FUNCTIONAL SPACE NUMBERS <div><div></div>ASBESTOS FLOOR TILE</div> <div><div></div>ASBESTOS DAMAGED MATERIAL</div>	
<div><div><div></div><div>ONTARIO ENVIRONMENTAL &amp; SAFETY NETWORK LTD.</div></div></div>	
DRAWN: T. CORTES	
CHECKED: J. DRUMMOND	
APPROVED: J. DRUMMOND	
DATE: DEC./05/06	
SCALE: N.T.S.	REVISION: 0
DESN JOB NO. 1011-2433-DEAB-06	
DWG NO. ELCR-2006-001-1AR	



1ST FLOOR (WEST)  
FLOOR MATERIALS

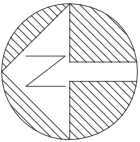
TITLE: <b>E. L. CROSSLEY ASBESTOS ASSESSMENT</b>	
CUSTOMER: DISTRICT SCHOOL BOARD OF NIAGARA	
LOCATION:  350 HIGHWAY 20 FONTHILL, ONTARIO L0S - 1E0	
63-1001	FUNCTIONAL SPACE NUMBERS
DRAWN:   <b>ONTARIO ENVIRONMENTAL &amp; SAFETY NETWORK LTD.</b>	
CHECKED:	J. DRUMMOND
APPROVED:	J. DRUMMOND
DATE:	DEC./05/06
SCALE:	N.T.S.      REVISION: 0
DESN JOB NO:	1011-2433-DEAB-06
DWG NO: ELCR-2006-001-1BR	



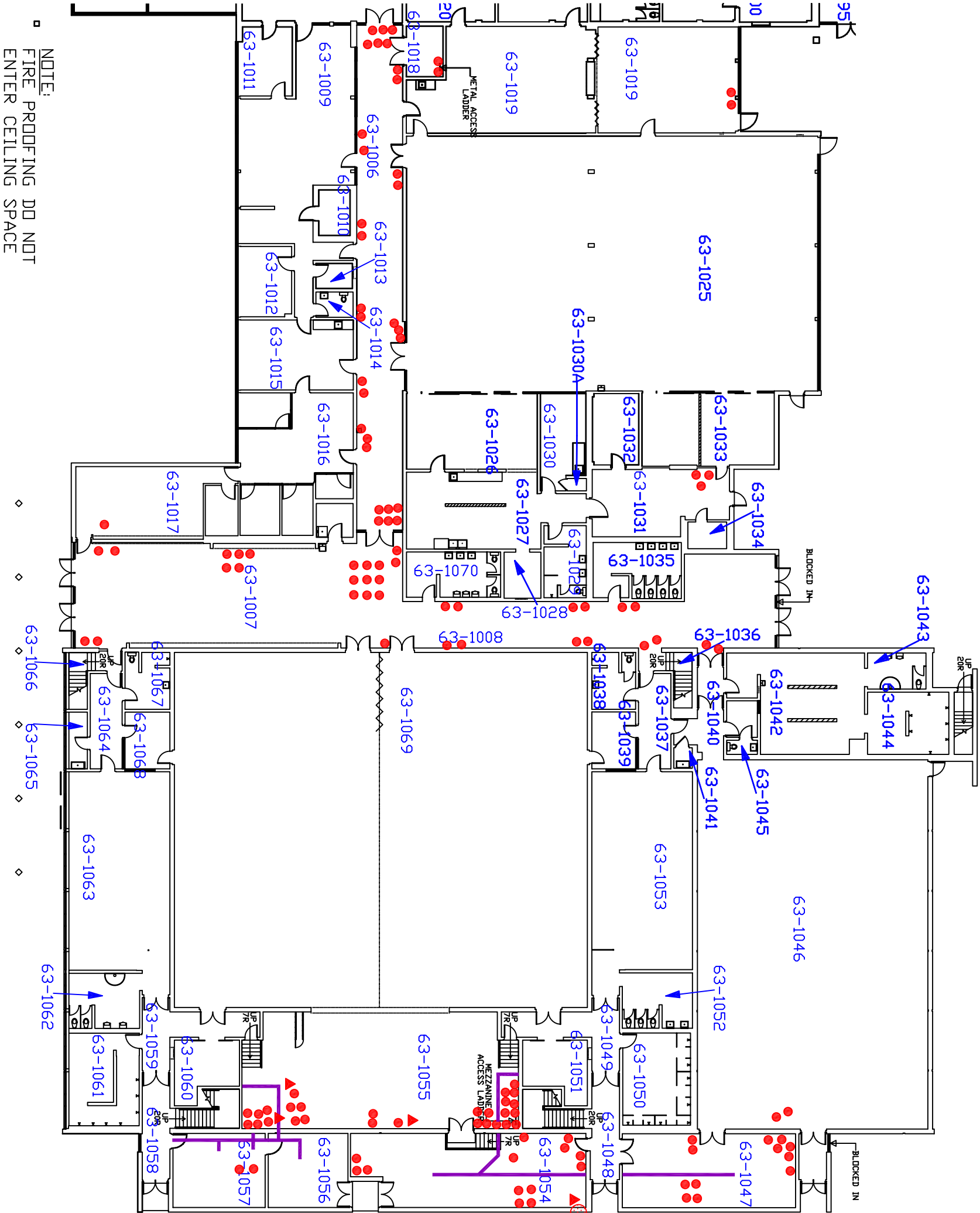


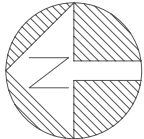
1ST FLOOR (WEST)  
PLASTER AND DRYWALL MATERIALS



TITLE: <b>E. L. CROSSLEY</b> <b>ASBESTOS ASSESSMENT</b>	
CUSTOMER: DISTRICT SCHOOL BOARD OF NIAGARA	
LOCATION: 350 HIGHWAY 20 FONTHILL, ONTARIO L0S - 1E0	
<div>63-1001 FUNCTIONAL SPACE NUMBERS</div> <div>ASBESTOS DRYWALL</div> <div>ASBESTOS PLASTER</div> <div>STIPPLE</div>	
<div>ONTARIO ENVIRONMENTAL &amp; SAFETY NETWORK LTD.</div> <div></div>	
DRAWN: T. CORTES	
CHECKED: J. DRUMMOND	
APPROVED: J. DRUMMOND	
DATE: DEC./05/06	
SCALE: N.T.S.	REVISION: □
DESN JOB NO. 1011-2433-DEAB-06	
DWG NO. ELCR-2006-001-1CR	

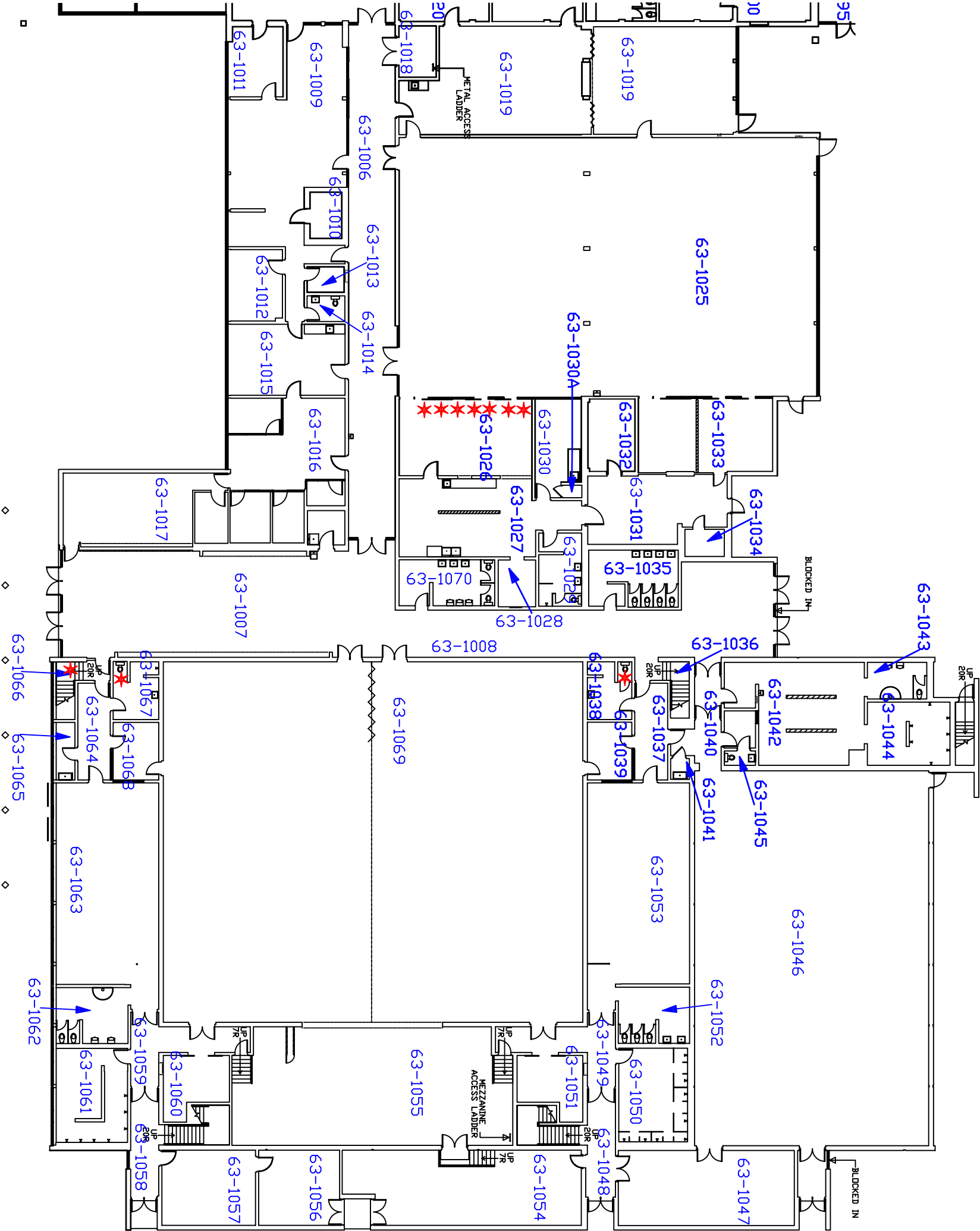


TITLE: <b>E. L. CROSSLEY</b> <b>ASBESTOS ASSESSMENT</b>	
CUSTOMER: DISTRICT SCHOOL BOARD OF NIAGARA	
LOCATION: 350 HIGHWAY 20 FONTHILL, ONTARIO L0S - 1E0	
<div>63-1001    FUNCTIONAL SPACE NUMBERS</div> <div><div></div>ASBESTOS FITTING INSULATION</div> <div><div></div>DEBRIS</div> <div><div></div>ASBESTOS DAMAGED MATERIAL</div> <div><div></div>DUCT INSULATION</div>	
<div>ONTARIO ENVIRONMENTAL &amp; SAFETY NETWORK LTD.</div> <div></div>	
DRAWN: T. CORTES	
CHECKED: J. DRUMMOND	
APPROVED: J. DRUMMOND	
DATE: DEC./05/06	
SCALE: N.T.S.	REVISION: <div></div>
DESN JOB NO. 1011-2433-DEAB-06	
DWG NO. ELCR-2006-001-1DR	








TITLE: <b>E. L. CROSSLEY ASBESTOS ASSESSMENT</b>	
CUSTOMER: DISTRICT SCHOOL BOARD OF NIAGARA	
LOCATION:  350 HIGHWAY 20 FONTHILL, ONTARIO L0S - 1E0	
63-1001	FUNCTIONAL SPACE NUMBERS FOIL FACED GASKET LIGHT FIXTURE
<div></div>	
<div></div> <div>ONTARIO ENVIRONMENTAL &amp; SAFETY NETWORK LTD.</div>	
DRAWN:	T. CORTES
CHECKED:	J. DRUMMOND
APPROVED:	J. DRUMMOND
DATE:	DEC./05/06
SCALE:	N.T.S.      REVISION: <div><div></div></div>
DESN JOB NO.	1011-2433-DEAB-06
DWG NO.	ELCR-2006-001-1ER



1ST FLOOR (WEST)  
MANUFACTURED MATERIALS (MISC.)

TITLE: <b>E. L. CROSSLEY ASBESTOS ASSESSMENT</b>	
CUSTOMER: DISTRICT SCHOOL BOARD OF NIAGARA	
LOCATION:  350 HIGHWAY 20 FONTHILL, ONTARIO L0S - 1E0	
63-2001	FUNCTIONAL SPACE NUMBERS
	ASBESTOS FLOOR TILE
	ASBESTOS CONTAINING LINDLEUM
	
DRAWN:  T. CORTES	
CHECKED:  J. DRUMMOND	
APPROVED:  J. DRUMMOND	
DATE:  DEC. /05/06	
SCALE:	N.T.S.      REVISION:      0
DESN JOB NO: 1011-2433-DEAB-06	
DWG NO: ELCR-2006-001-2A	

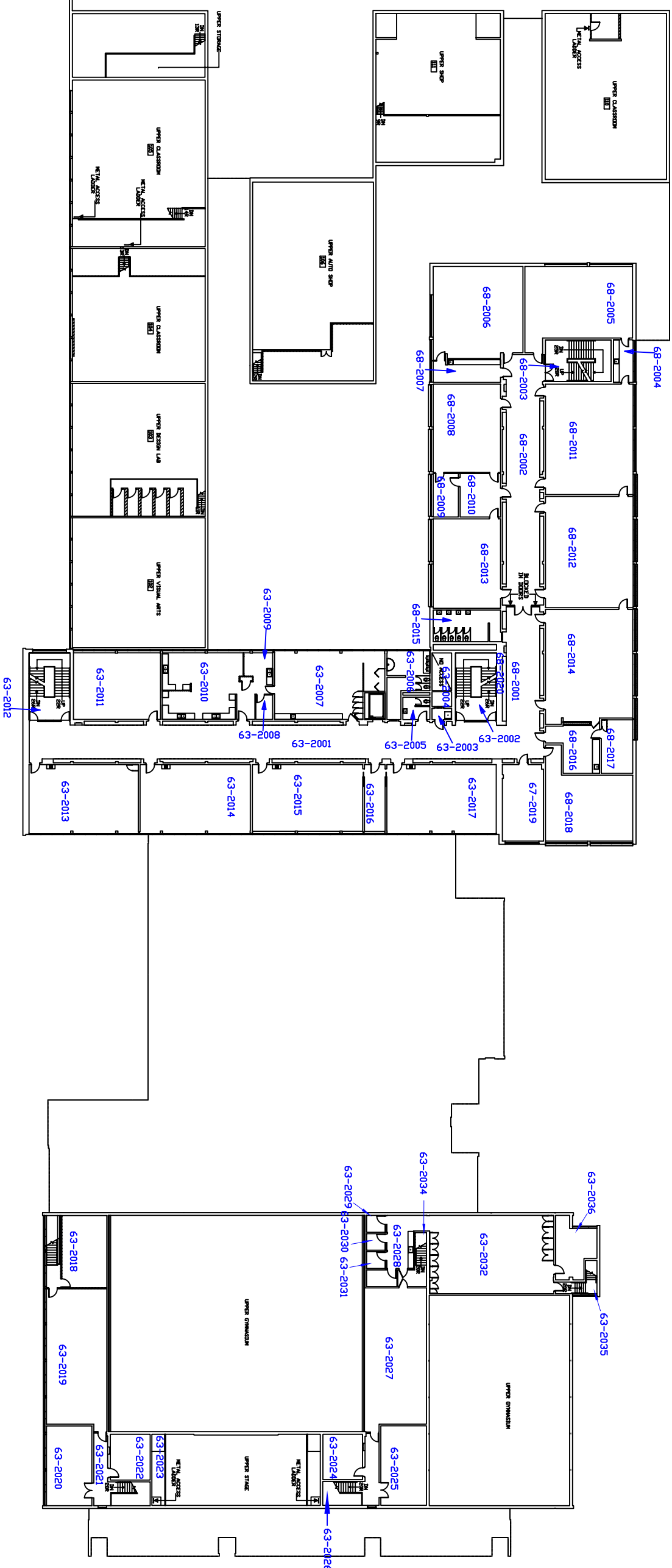
TITLE:	
--------	--

**E. L. CROSSLEY**  
**ASBESTOS ASSESSMENT**

**CUSTOMER:**  
**DISTRICT SCHOOL BOARD**  
**OF NIAGARA**

LOCATION:  
350 HIGHWAY 20  
FONTHILL, ONTARIO  
LOS - 1E0

63-2001 FUNCTIONAL SPACE NUMBERS



NOTE:  
CEILING TILES IN THE  
SECOND FLOOR DO NOT  
CONTAIN ASBESTOS  
MINERALS

2ND FLOOR  
CEILING TILE MATERIALS

**ONTARIO ENVIRONMENTAL  
& SAFETY NETWORK LTD.**

T. CORTES

CHECKED: J. DRUMMOND

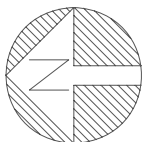
J. DRUMMOND

DATE: DEC. /05/06

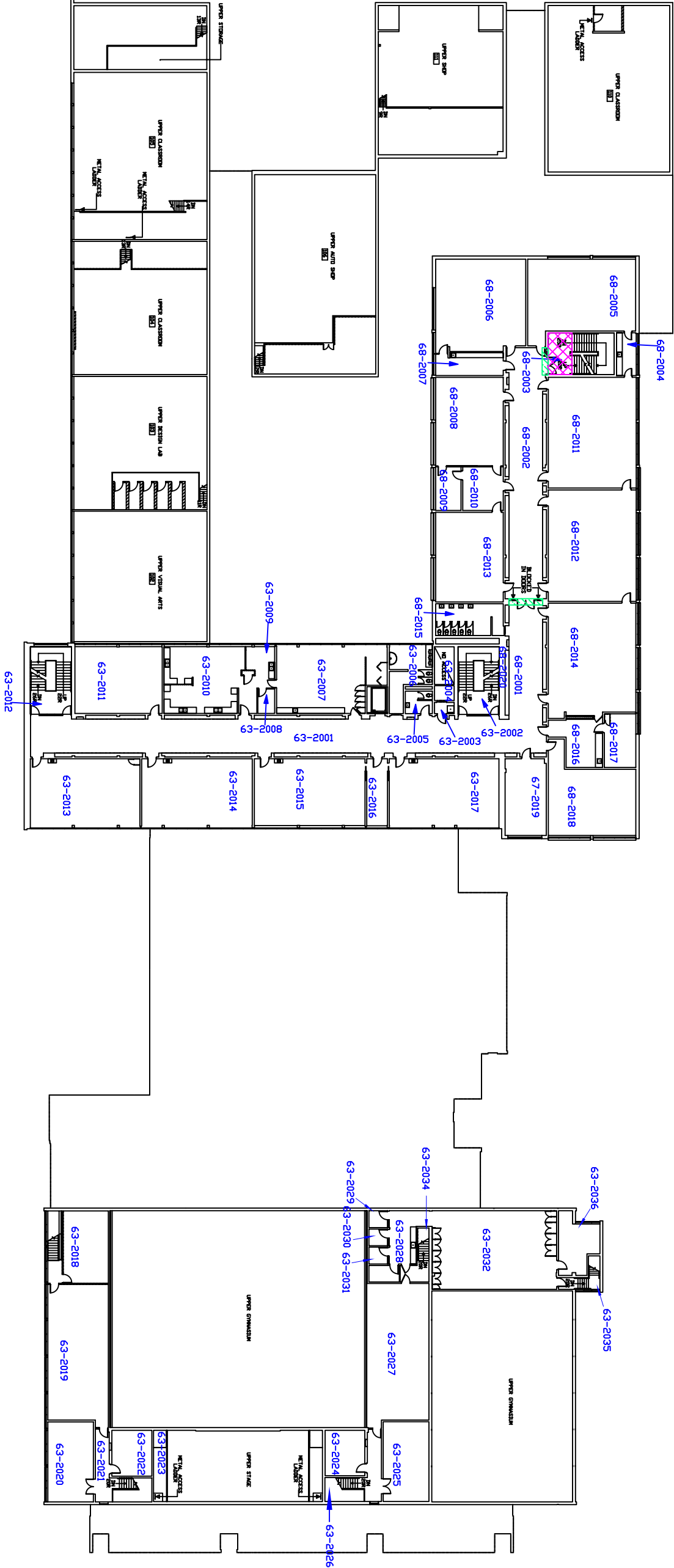
SCALE:	REVISION:
N.T.S	

1011-2433-DEAB-06

ELCR-2006-001-2B









TITLE: <b>E. L. CROSSLEY</b> <b>ASBESTOS ASSESSMENT</b>
CUSTOMER: DISTRICT SCHOOL BOARD OF NIAGARA
LOCATION: 350 HIGHWAY 20 FONTHILL, ONTARIO L0S - 1E0
<div>63-2001    FUNCTIONAL SPACE NUMBERS</div> <div>ASBESTOS DRYWALL</div> <div>ASBESTOS PLASTER STIPPLE</div>
DRAWN: T. CORTES
CHECKED: J. DRUMMOND
APPROVED: J. DRUMMOND
DATE: DEC. 05/06
SCALE: N.T.S
DESIGN JOB NO. 1011-2433-DEAB-06
DWG NO. ELCR-2006-001-2C

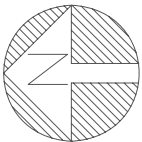


2ND FLOOR

PLASTER AND DRYWALL MATERIALS

TITLE: <b>E. L. CROSSLEY ASBESTOS ASSESSMENT</b>	
CUSTOMER: DISTRICT SCHOOL BOARD OF NIAGARA	
LOCATION: 350 HIGHWAY 20 FONTHILL, ONTARIO L0S - 1E0	
63-2001	FUNCTIONAL SPACE NUMBERS
	FIREPROOFING
	ASBESTOS FITTING INSULATION
	DUCT INSULATION
	ASBESTOS DAMAGE
	ASBESTOS PIPE INSULATION
	
DRAWN: T. CORTES	
CHECKED: J. DRUMMOND	
APPROVED: J. DRUMMOND	
DATE: DEC. 05/06	
SCALE:	REVISION:
N.T.S	□
DESIGN JOB NO. 1011-2433-DEAB-06	
DWG NO. ELCR-2006-001-2D	



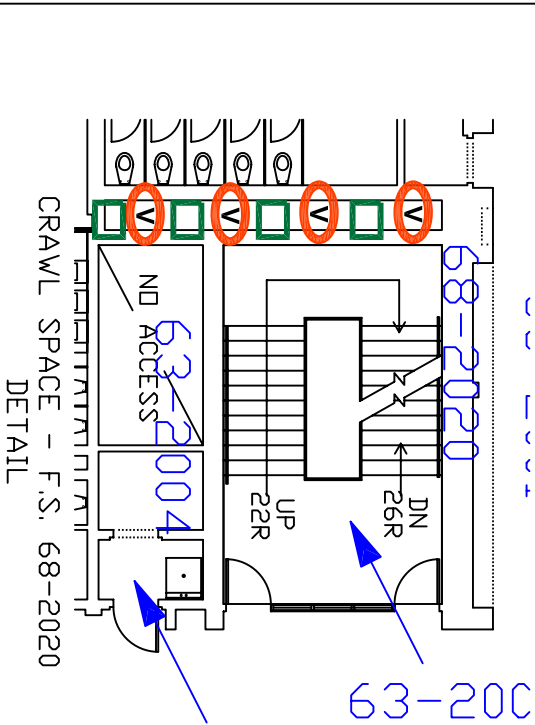
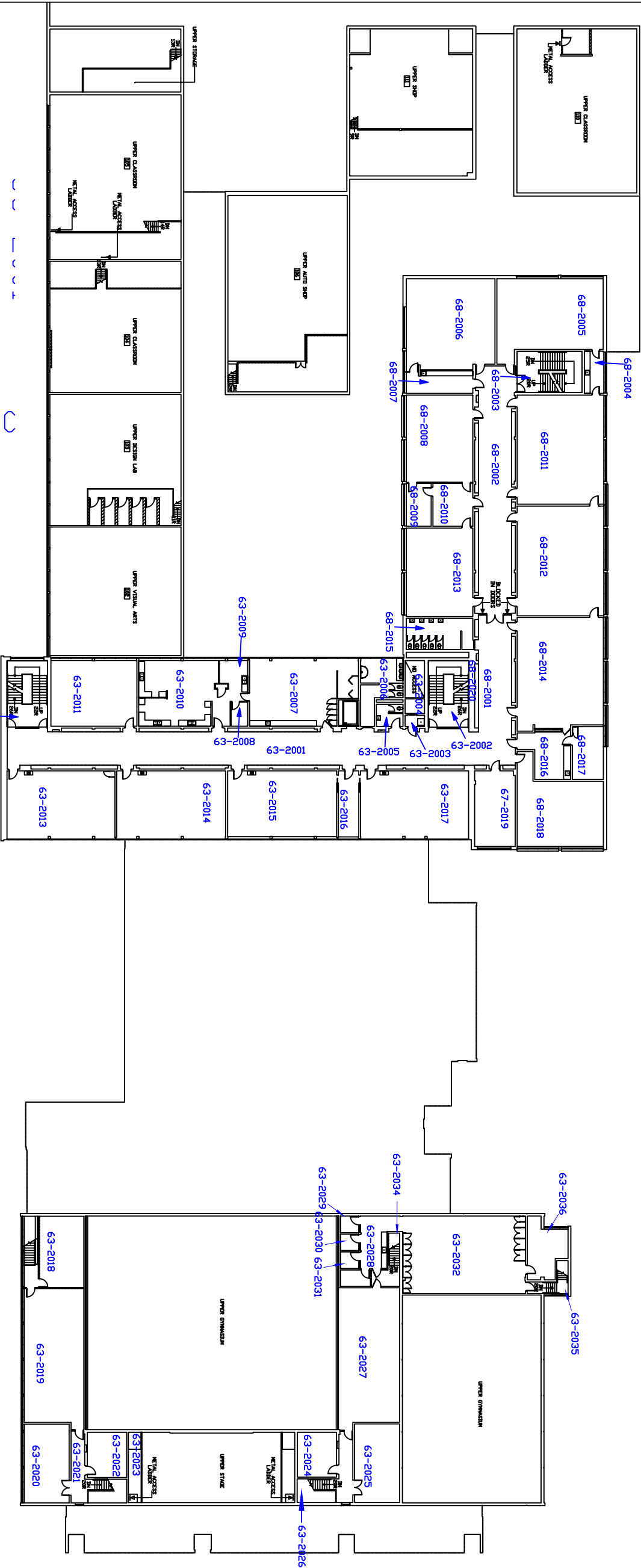


TITLE:	<b>E. L. CROSSLEY</b> <b>ASBESTOS ASSESSMENT</b>
CUSTOMER:	DISTRICT SCHOOL BOARD OF NIAGARA
LOCATION:	350 HIGHWAY 20 FONTHILL, ONTARIO L0S - 1E0

- 63-2001

FUNCTIONAL SPACE
- VERMICULITE

TRANSITE



2ND FLOOR

MANUFACTURED MATERIALS (MISC.)

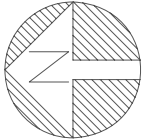
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CHECKED:		J. DRUMMOND	
APPROVED:		J. DRUMMOND	
DATE:		DEC. 05/06	
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DESN JOB NO. 1011-2433-DEAB-06			
DWG NO. ELCR-2006-001-2E			



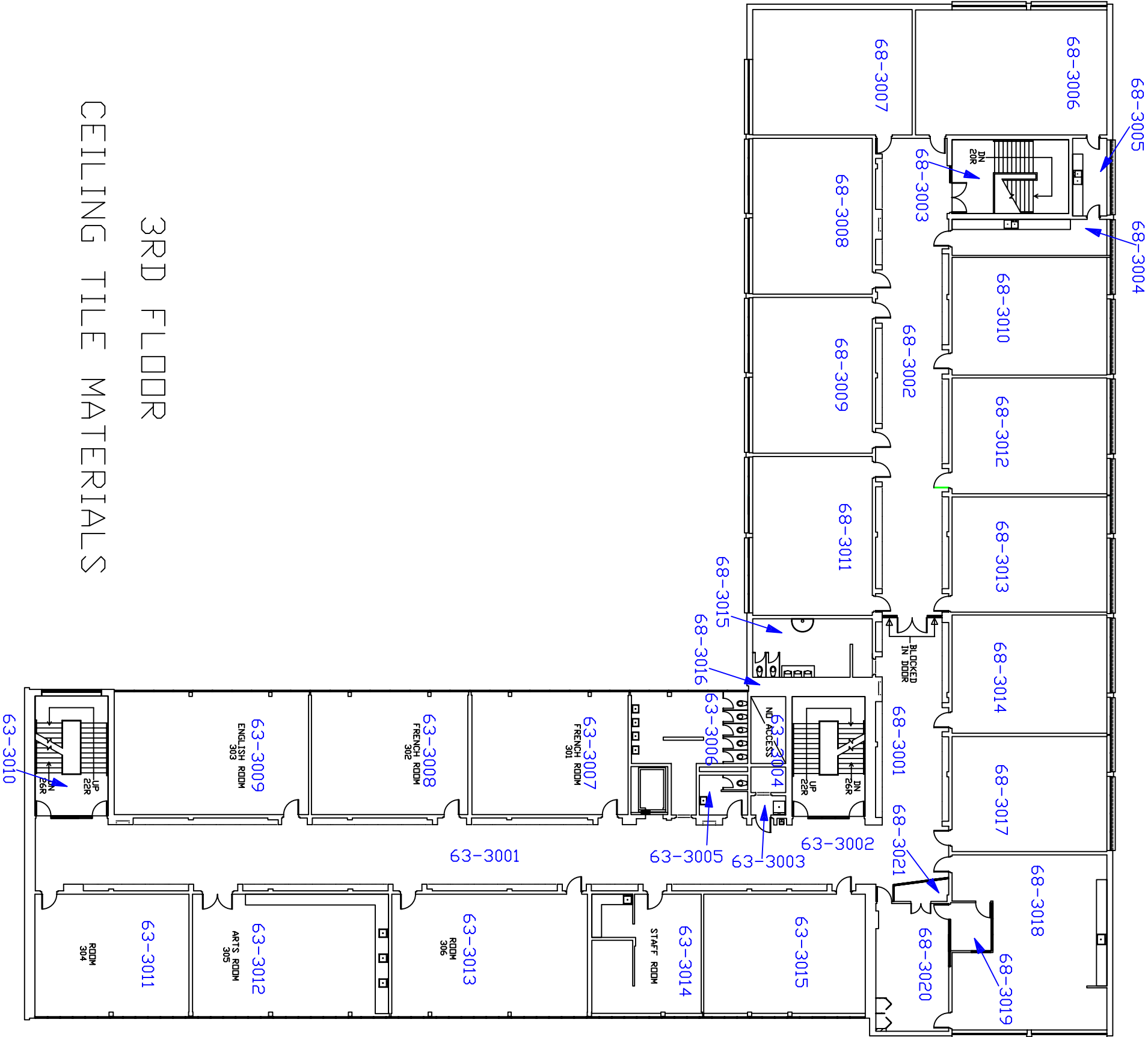
ONTARIO ENVIRONMENTAL  
& SAFETY NETWORK LTD.



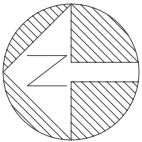




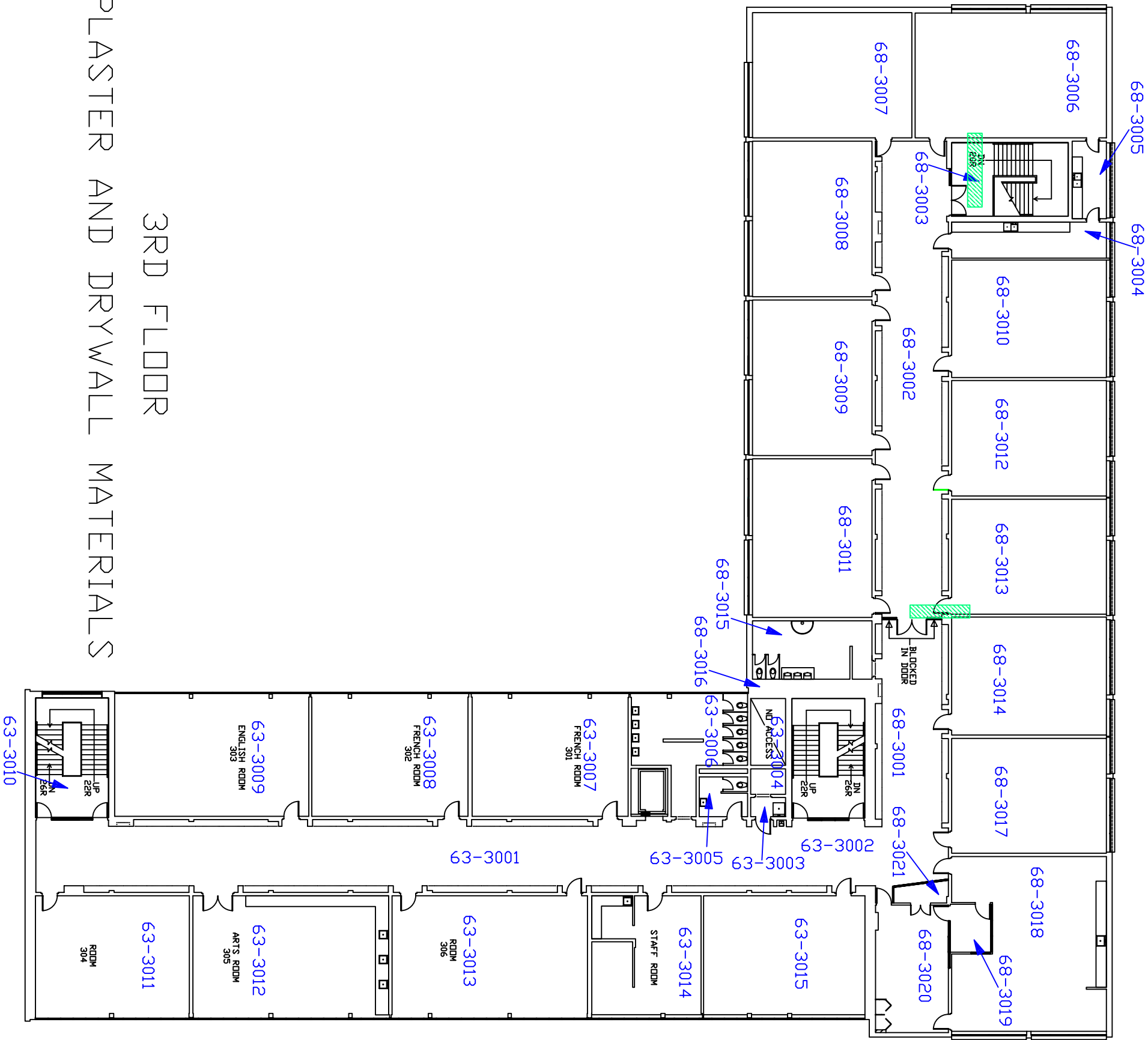
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CUSTOMER: DISTRICT SCHOOL BOARD OF NIAGARA	
LOCATION: 350 HIGHWAY 20 FONTHILL, ONTARIO L0S - 1E0	
63-3001 FUNCTIONAL SPACE NUMBERS	
DRAWN: T. CORTES	
CHECKED: J. DRUMMOND	
APPROVED: J. DRUMMOND	
DATE: DEC./05/06	
SCALE: N.T.S.	REVISION: 0
DESN JOB NO. 1011-2433-DEAB-06	
DWG NO. ELCR-2006-001-3B	



3RD FLOOR  
CEILING TILE MATERIALS

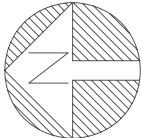



TITLE: <b>E. L. CROSSLEY</b> <b>ASBESTOS ASSESSMENT</b>	
CUSTOMER: DISTRICT SCHOOL BOARD OF NIAGARA	
LOCATION: 350 HIGHWAY 20 FONTHILL, ONTARIO L0S - 1E0	
63-3001 FUNCTIONAL SPACE NUMBERS <div>ASBESTOS DRYWALL</div>	
DRAWN: T. CORTES	
CHECKED: J. DRUMMOND	
APPROVED: J. DRUMMOND	
DATE: DEC. 05/06	
SCALE: N.T.S.	REVISION: 0
DESN JOB NO. 1011-2433-DEAB-06	
DWG NO. ELCR-2006-001-3C	

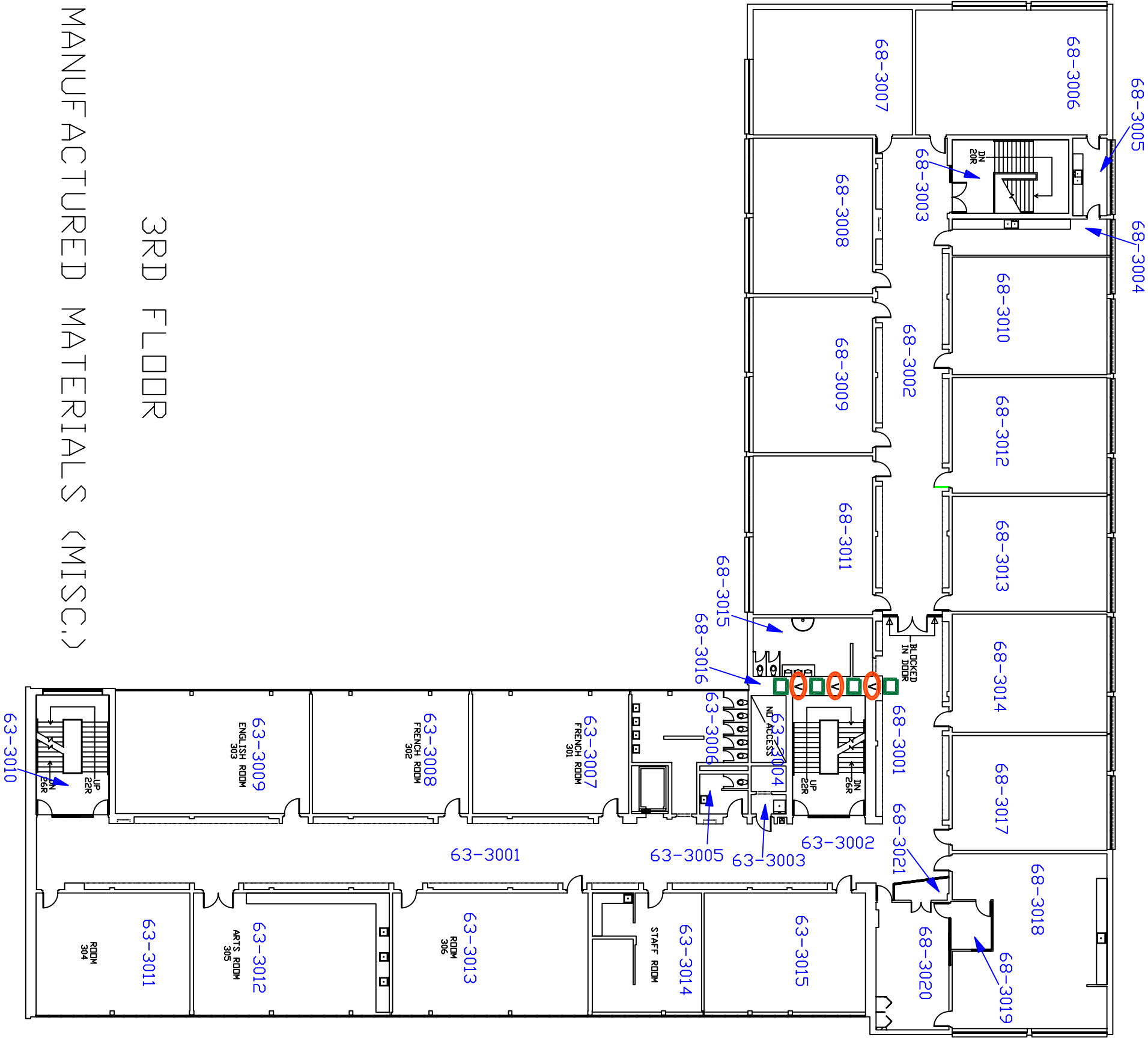


3RD FLOOR  
PLASTER AND DRYWALL MATERIALS



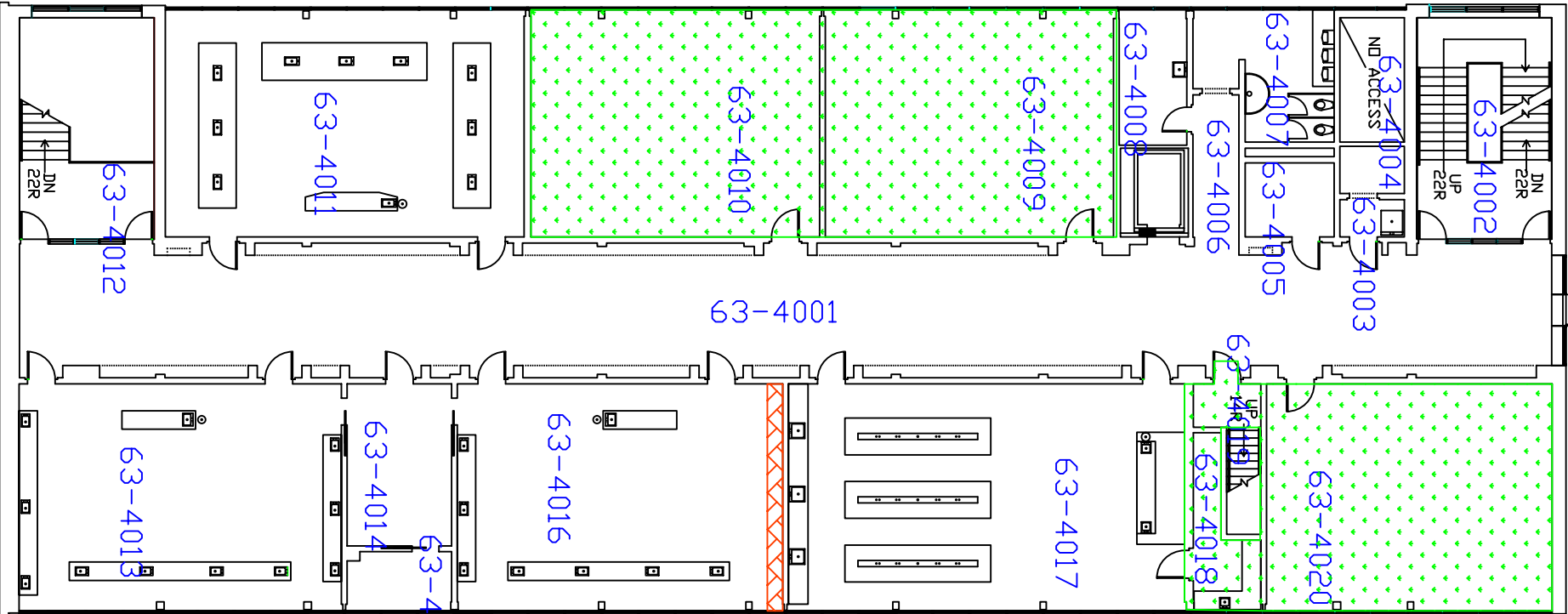
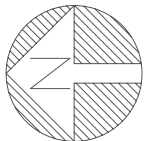


TITLE: <b>E. L. CROSSLEY</b> <b>ASBESTOS ASSESSMENT</b>	
CUSTOMER: DISTRICT SCHOOL BOARD OF NIAGARA	
LOCATION: 350 HIGHWAY 20 FONTHILL, ONTARIO L0S - 1E0	
<div>63-3001 FUNCTIONAL SPACE NUMBERS</div> <div>— TRANSITE</div> <div> VERMICULITE</div>	
DRAWN: T. CORTES	
CHECKED: J. DRUMMOND	
APPROVED: J. DRUMMOND	
DATE: DEC. /05/06	
SCALE: N.T.S	REVISION: □
DESN JOB NO. 1011-2433-DEAB-06	
DWG NO. ELCR-2006-001-3E	






3RD FLOOR

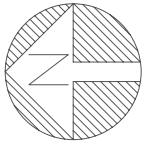
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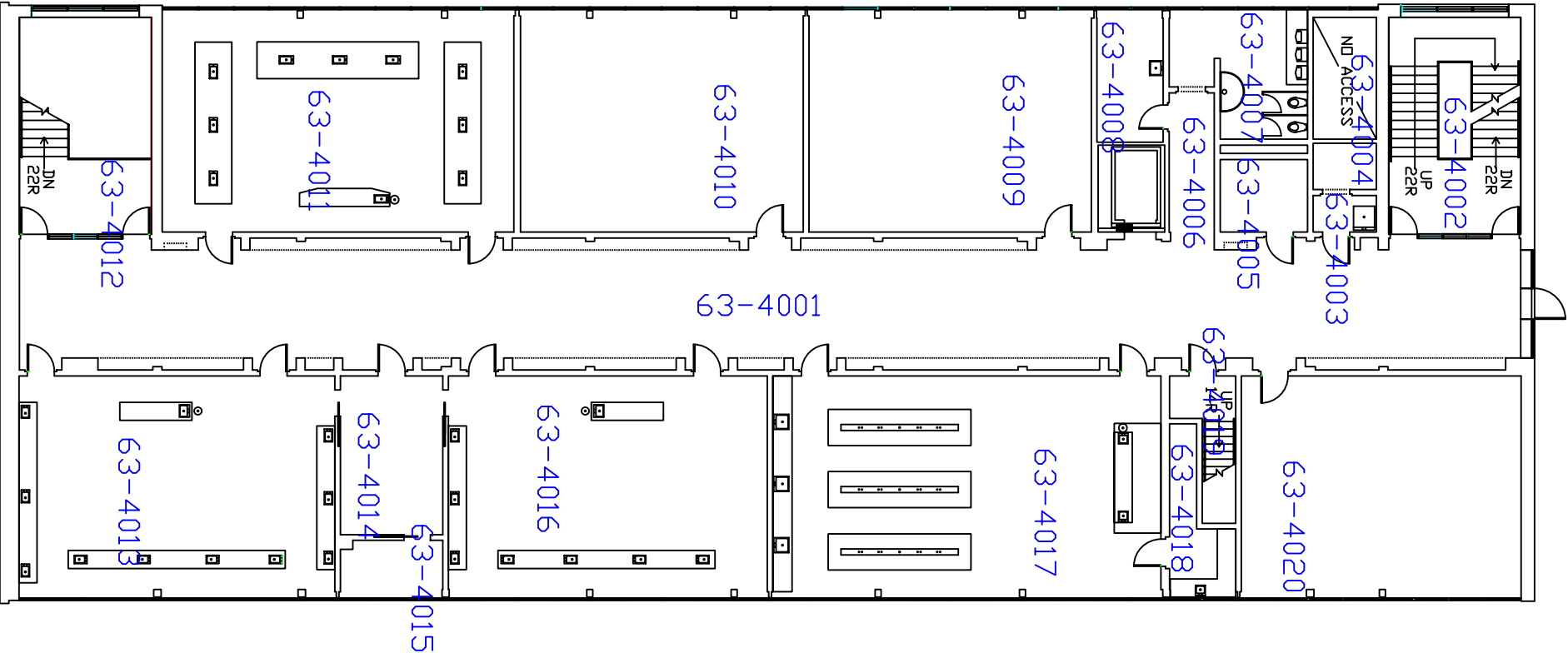
4TH FLOOR  
FLOOR MATERIALS

TITLE: <b>E. L. CROSSLEY</b> <b>ASBESTOS ASSESSMENT</b>	
CUSTOMER: DISTRICT SCHOOL BOARD OF NIAGARA	
LOCATION: 350 HIGHWAY 20 FONTHILL, ONTARIO LOS - 1E0	
63-4001 FUNCTIONAL SPACE NUMBERS	
 ASBESTOS FLOOR TILE	
 ASBESTOS CONTAINING LINOLEUM	
	
DRAWN: T. CORTES	
CHECKED: J. DRUMMOND	
APPROVED: J. DRUMMOND	
DATE: DEC./05/06	
SCALE: N.T.S	REVISION: 0
DESN JOB NO. 1011-2433-DEAB-06	
DWG NO. ELCR-2006-001-4A	





TITLE: <b>E. L. CROSSLEY</b> <b>ASBESTOS ASSESSMENT</b>	
CUSTOMER: DISTRICT SCHOOL BOARD OF NIAGARA	
LOCATION: 350 HIGHWAY 20 FONTHILL, ONTARIO L0S - 1E0	
63-4001    FUNCTIONAL SPACE NUMBERS	
DRAWN: T. CORTES	
CHECKED: J. DRUMMOND	
APPROVED: J. DRUMMOND	
DATE: DEC./05/06	
SCALE: N.T.S	REVISION: 0
DESN JOB NO: 1011-2433-DEAB-06	
DWG NO: ELCR-2006-001-4C	

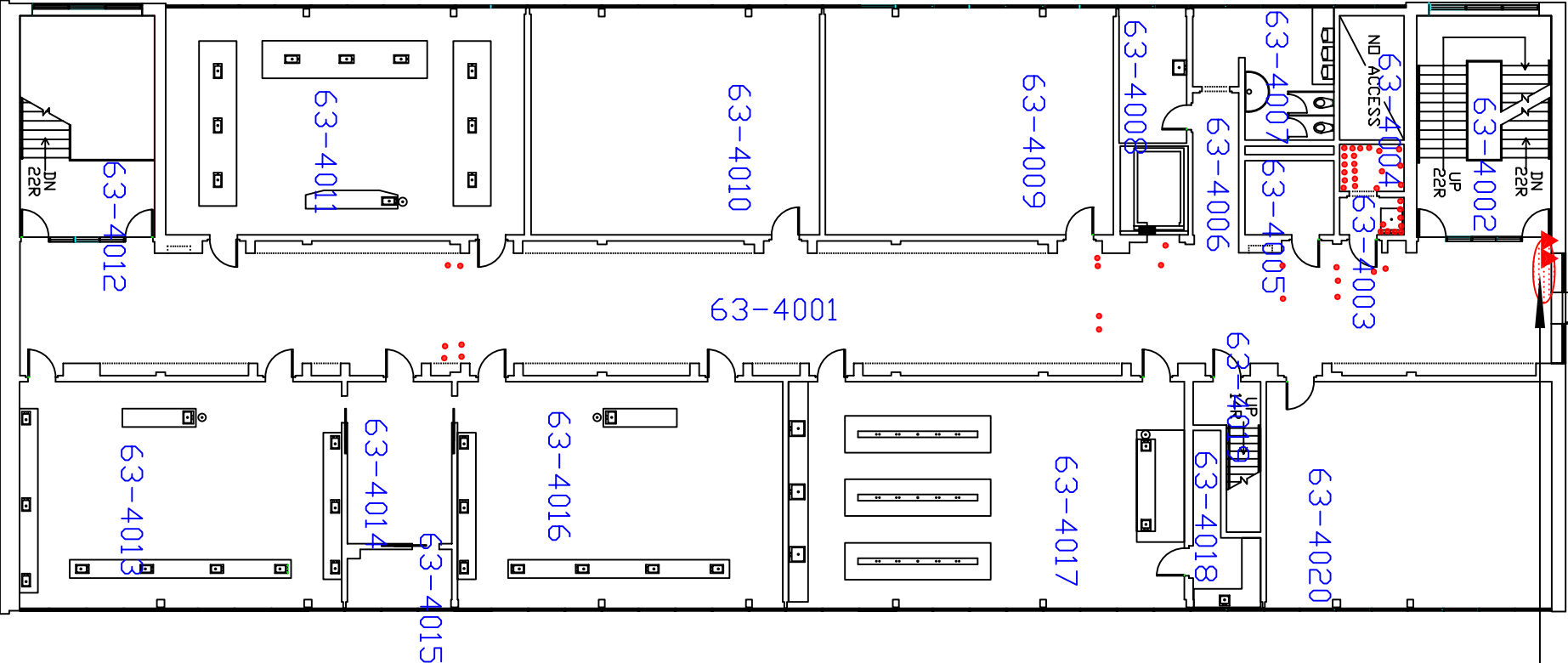
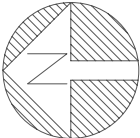


NOTE:  
WALLS IN THE FOURTH  
FLOOR DO NOT CONTAIN  
ASBESTOS MINERALS

4TH FLOOR  
PLASTER AND DRYWALL MATERIALS



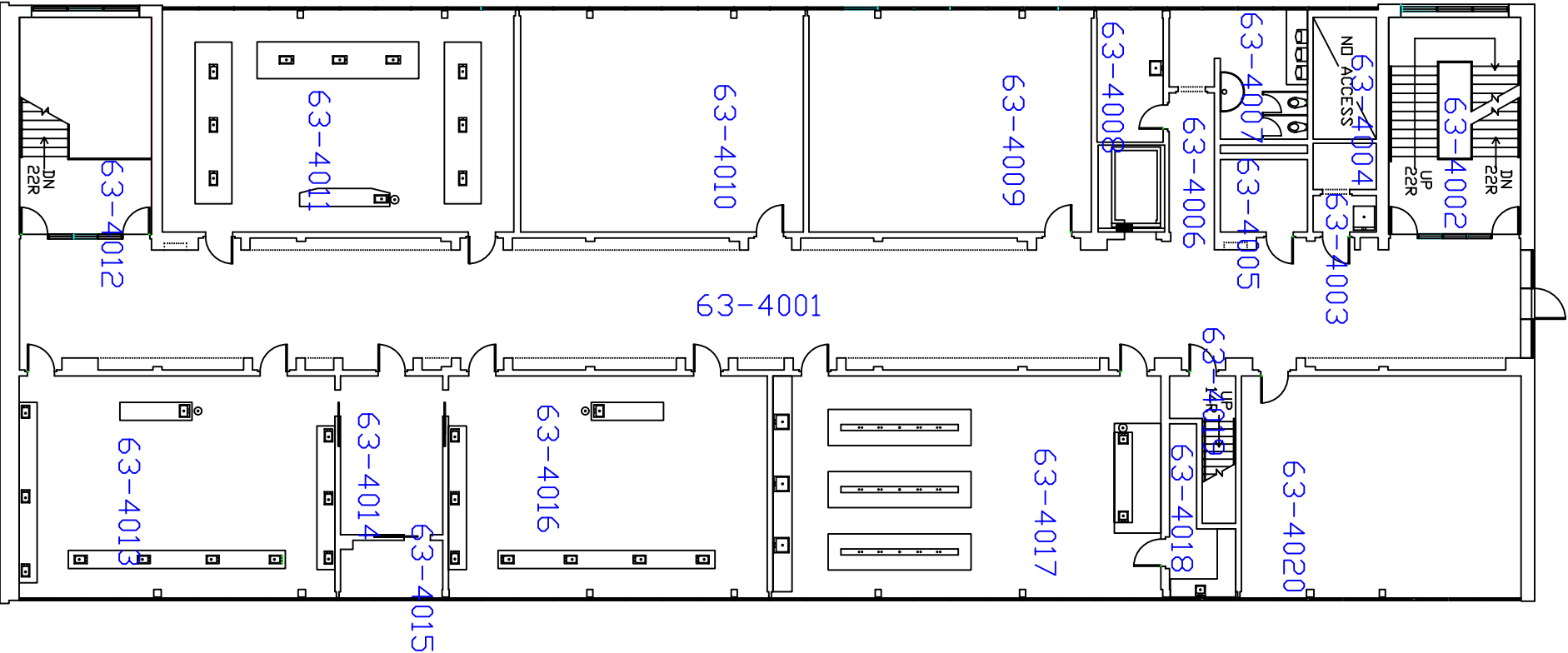
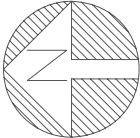
CEMENT RESIDUE ON RAIN  
WATER LINE



NOTE:  
FIRE PROOFING DO NOT  
ENTER CEILING SPACE

4TH FLOOR  
THERMAL MATERIALS

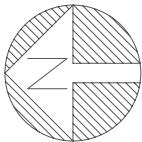
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CUSTOMER: DISTRICT SCHOOL BOARD OF NIAGARA
LOCATION: 350 HIGHWAY 20 FONTHILL, ONTARIO L0S - 1E0
63-4001 FUNCTIONAL SPACE NUMBERS ASBESTOS FITTING INSULATION ASBESTOS DAMAGE
DRAWN: T. CORTES
CHECKED: J. DRUMMOND
APPROVED: J. DRUMMOND
DATE: DEC./05/06
SCALE: N.T.S
DESIGN JOB NO. 1011-2433-DEAB-06
DWG NO. ELCR-2006-001-4D



4TH FLOOR

MANUFACTURED MATERIALS (MISC.)

TITLE: <b>E. L. CROSSLEY</b> <b>ASBESTOS ASSESSMENT</b>	
CUSTOMER: DISTRICT SCHOOL BOARD OF NIAGARA	
LOCATION: 350 HIGHWAY 20 FONTHILL, ONTARIO L0S - 1E0	
63-4001 FUNCTIONAL SPACE NUMBERS	
DRAWN: T. CORTES	
CHECKED: J. DRUMMOND	
APPROVED: J. DRUMMOND	
DATE: DEC./05/06	
SCALE: N.T.S	REVISION: 0
DESN JOB NO. 1011-2433-DEAB-06	
DWG NO. ELCR-2006-001-4E	



TITLE:

**E. L. CROSSLEY  
ASBESTOS ASSESSMENT**

CUSTOMER:

DISTRICT SCHOOL BOARD  
OF NIAGARA

LOCATION:

350 HIGHWAY 20  
FONTHILL, ONTARIO  
L0S - 1E0

**63-5001** FUNCTIONAL SPACE  
NUMBERS



**ONTARIO ENVIRONMENTAL  
& SAFETY NETWORK LTD.**

DRAWN:

T. CORTES

CHECKED:

J. DRUMMOND

APPROVED:

J. DRUMMOND

DATE:

DEC.05/06

SCALE:

N.T.S

REVISION:

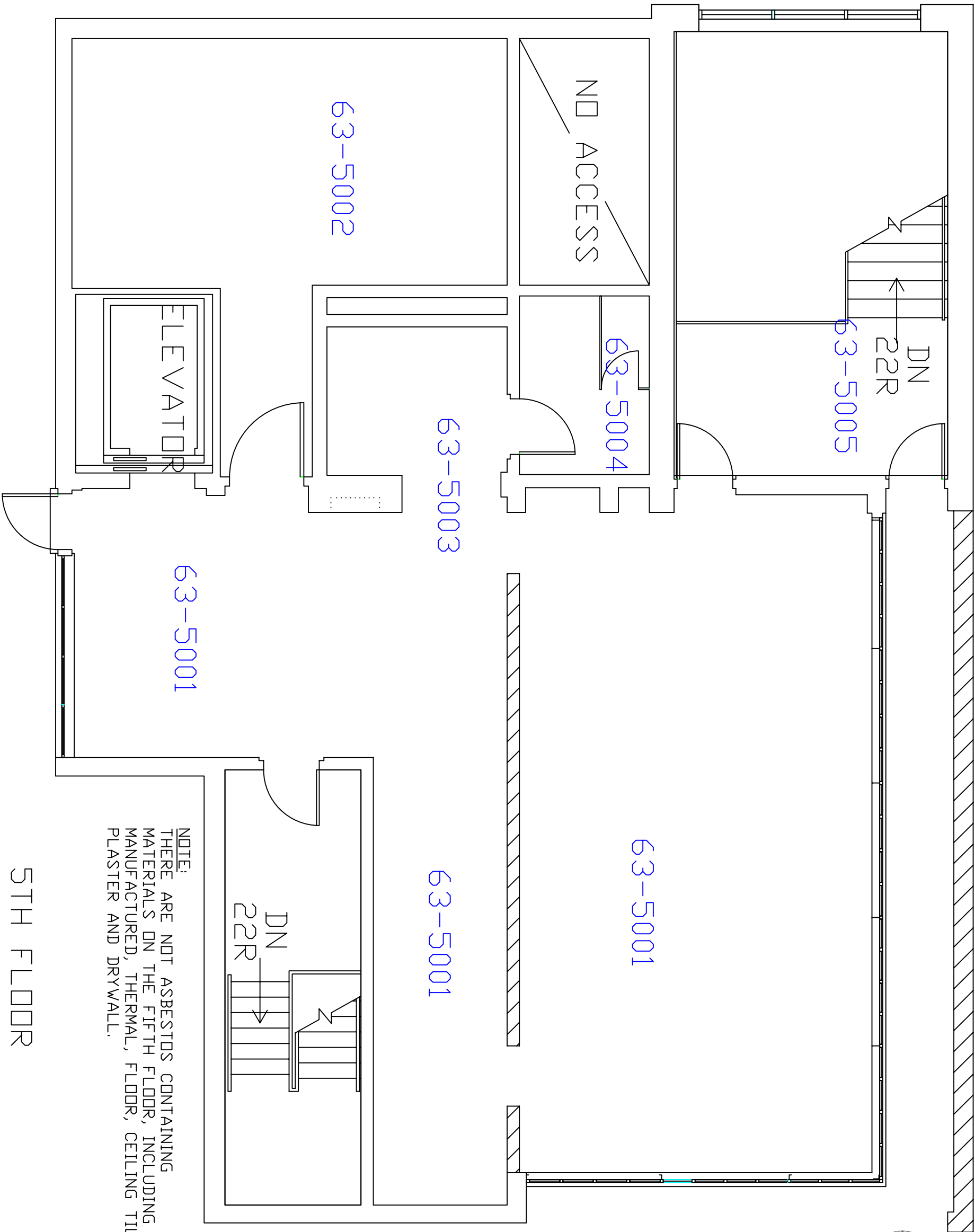
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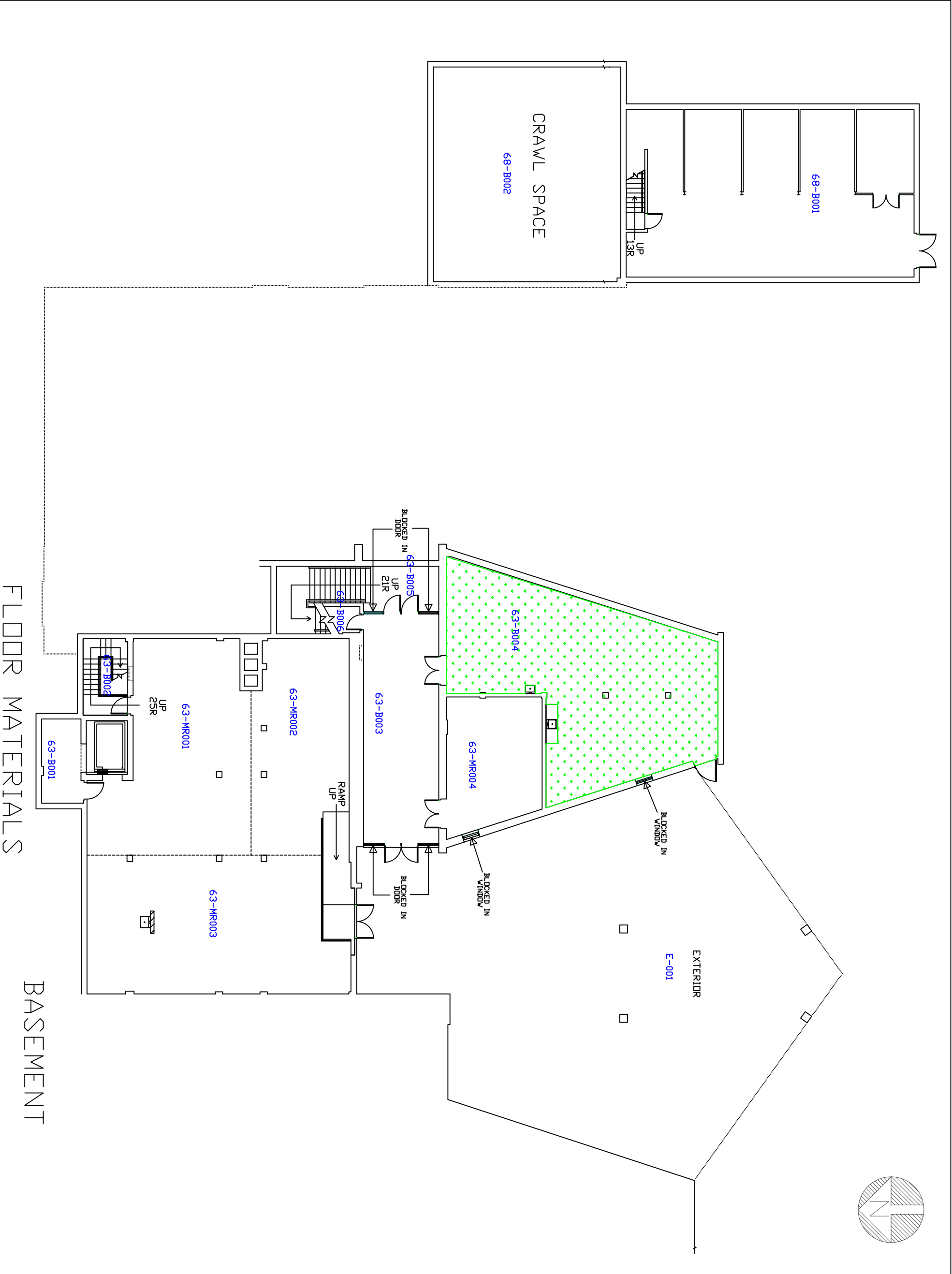
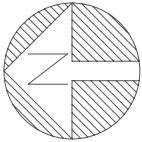
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1011-2433-DEAB-06

DWG NO:

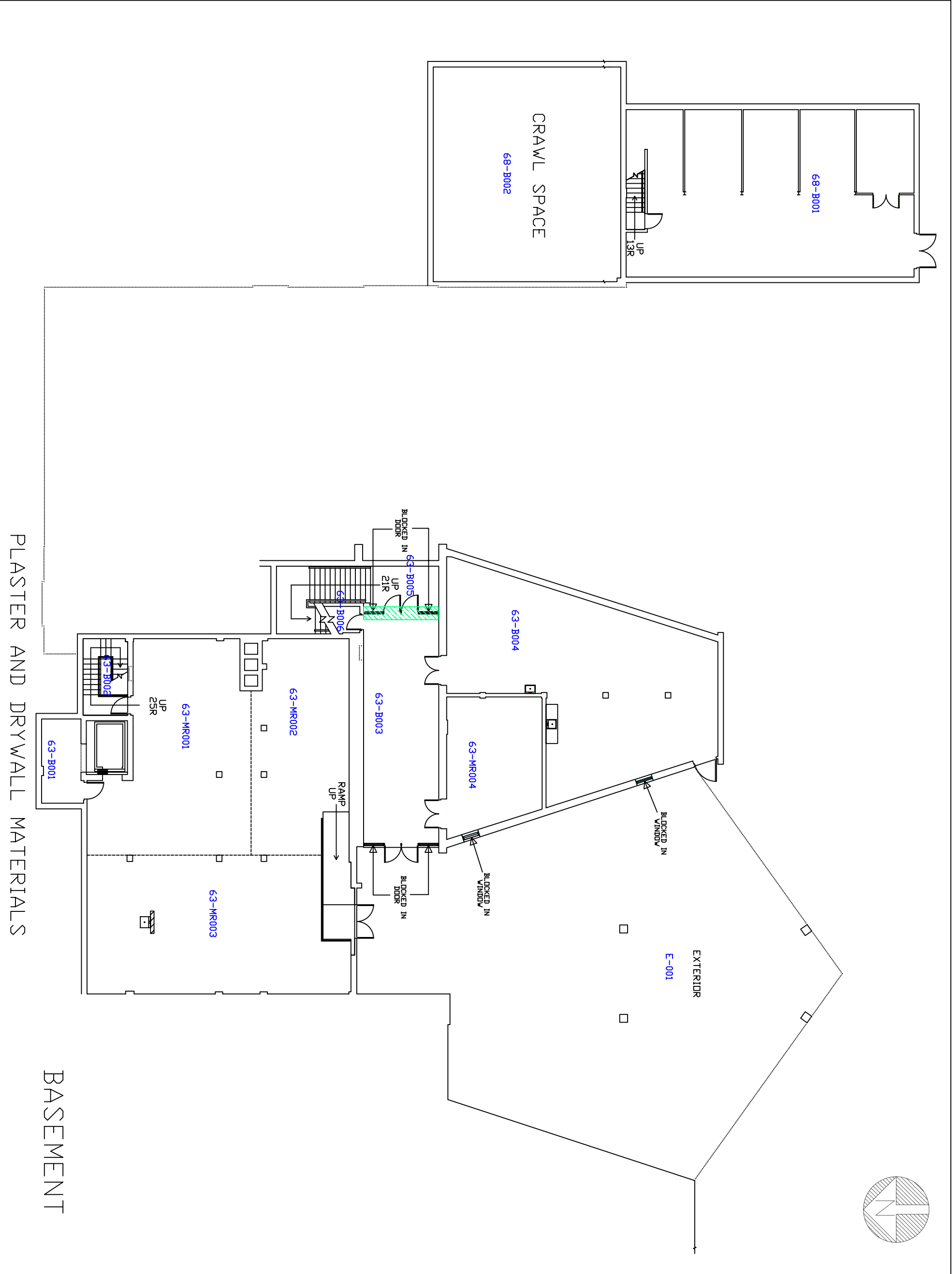
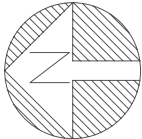
ELCR-2006-001-SA











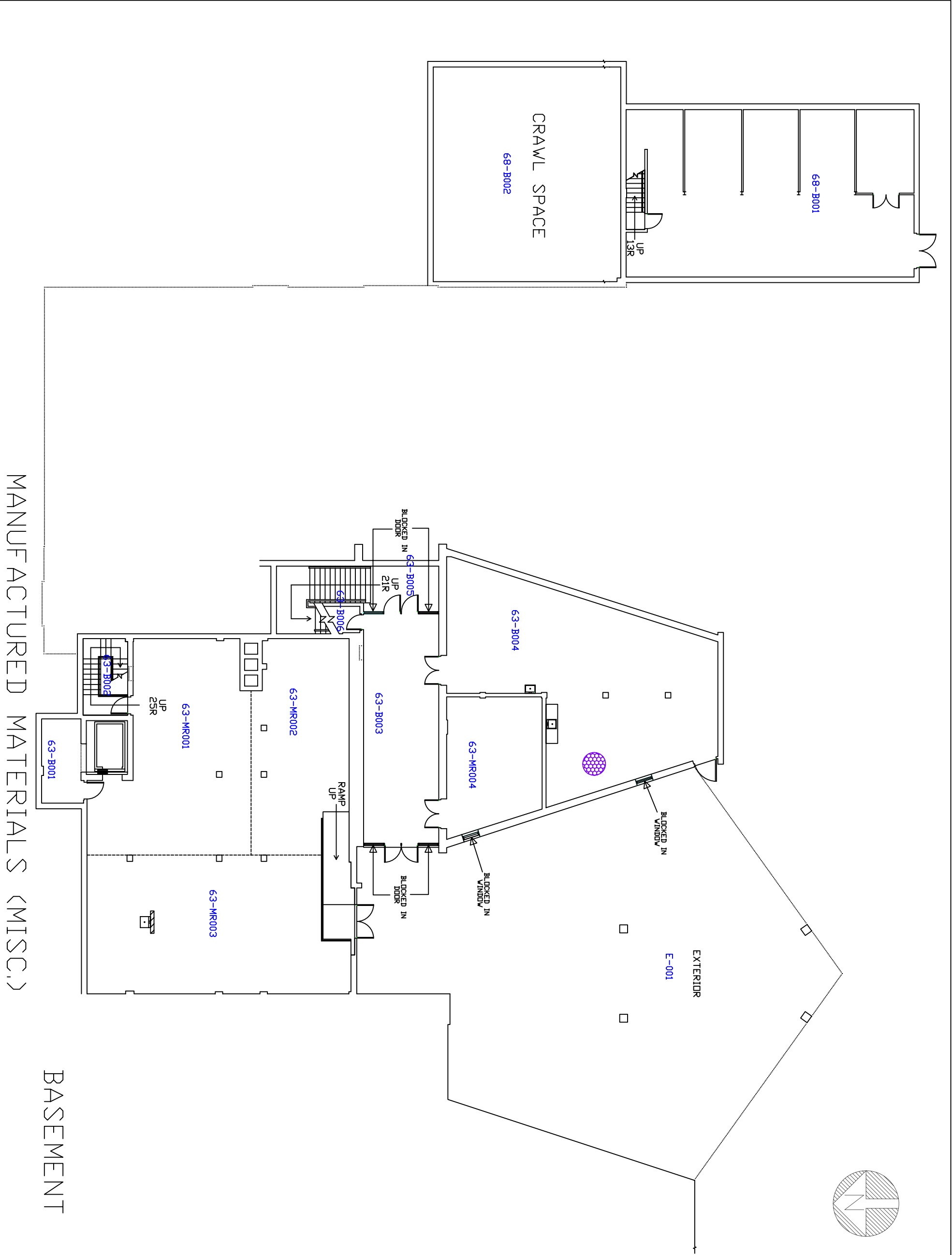
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CUSTOMER: DISTRICT SCHOOL BOARD OF NIAGARA	
LOCATION: 350 HIGHWAY 20 FONTHILL, ONTARIO L0S - 1E0	
63-1001 FUNCTIONAL SPACE NUMBERS	ASBESTOS FLOOR TILE
DRAWN: T. CORTES	
CHECKED: J. DRUMMOND	
APPROVED: J. DRUMMOND	
DATE: DEC./05/06	
SCALE: N.T.S	REVISION: □
DESN JOB NO. 1011-2433-DEAB-06	
DWG NO. ELCR-2006-001-0A	








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CUSTOMER: DISTRICT SCHOOL BOARD OF NIAGARA	
LOCATION: 350 HIGHWAY 20 FONTHILL, ONTARIO L0S - 1E0	
63-1001 FUNCTIONAL SPACE NUMBERS	ASBESTOS DRYWALL
DRAWN: T. CORTES	
CHECKED: J. DRUMMOND	
APPROVED: J. DRUMMOND	
DATE: DEC./05/06	
SCALE: N.T.S	REVISION: □
DESN JOB NO. 1011-2433-DEAB-06	
DWG NO. ELCR-2006-001-0C	

TITLE: <b>E. L. CROSSLEY ASBESTOS ASSESSMENT</b>	
CUSTOMER: DISTRICT SCHOOL BOARD OF NIAGARA	
LOCATION: 350 HIGHWAY 20 FONTHILL, ONTARIO L0S - 1E0	
63-1001	FUNCTIONAL SPACE NUMBERS
	FIREPROOFING
	ASBESTOS DAMAGE
	ASBESTOS INSULATION CEMENT FITTINGS
	OVERSPRAY FIRE PROOFING
	DUCT INSULATION
	
DRAWN: T. CORTES	
CHECKED: J. DRUMMOND	
APPROVED: J. DRUMMOND	
DATE: DEC./05/06	
SCALE:	REVISION:
N.T.S	□
DESIGN JOB NO. 1011-2433-DEAB-06	
DWG NO. ELCR-2006-001-0D	



TITLE: <b>E. L. CROSSLEY</b> <b>ASBESTOS ASSESSMENT</b>	
CUSTOMER: DISTRICT SCHOOL BOARD OF NIAGARA	
LOCATION: 350 HIGHWAY 20 FONTHILL, ONTARIO L0S - 1E0	
63-1001 FUNCTIONAL SPACE NUMBERS	 CLOTH MITT.
	
DRAWN: T. CORTES	
CHECKED: J. DRUMMOND	
APPROVED: J. DRUMMOND	
DATE: DEC./05/06	
SCALE: N.T.S	REVISION: 
DESN JOB NO. 1011-2433-DEAB-06	
DWG NO. ELCR-2006-001-0E	



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# Appendix C

## Assessment Methodology

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## Inspection

Plan view drawings were supplied by District School Board of Niagara. Each accessible area on the drawings was assigned an individual functional space number. This number was assigned a short form to describe the year of building development and then the floor location followed by a three-digit functional space identification number.

*Eg. 1949- First Floor – Corridor – 49-1001*

The functional space identification number created is applied to a “functional space form” used for recording field notes for documenting observations, bulk sampling data and notes on material condition. The client identification for each area is retained and included as a secondary reference. Once these two tasks are completed, visual inspection begins.

Visual inspection of each individual functional space focuses on the observation and testing of all accessible suspected asbestos containing materials. Investigation is based on a non-invasive strategy, however destructive testing is performed where applicable in order to submit a bulk sample of a suspected asbestos containing material for sampling.

## Sampling and Analysis

Bulk sampling is performed using the principle method stated in Section 3 of O. Reg. 278/05.

## Adoption of standard

3. (1) For the purposes of this Regulation, the method and procedures for establishing whether material is asbestos-containing material and for establishing its asbestos content and the type of asbestos shall be in accordance with the following standard:

1. U.S. Environmental Protection Agency. Test Method EPA/600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials. June 1993. O. Reg. 278/05, s. 3 (1).

(2) The procedures required by subsection (1) shall be carried out on bulk material samples that are randomly collected by a competent worker and are representative of each area of homogeneous material. O. Reg. 278/05, s. 3 (2).

(3) The minimum number of bulk material samples to be collected from an area of homogeneous material is set out in Table 1. O. Reg. 278/05, s. 3 (3).

- (4) If analysis establishes that a bulk material sample contains 0.5 per cent or more asbestos by dry weight,
- (a) it is not necessary to analyze other bulk material samples taken from the same area of homogeneous material; and
  - (b) the entire area of homogeneous material from which the bulk material sample was taken is deemed to be asbestos-containing material. O. Reg. 278/05, s. 3 (4).

TABLE 1  
BULK MATERIAL SAMPLES

*Subsection 3 (3)*

Item	Type of material	Size of area of homogeneous material	Minimum number of bulk material samples to be collected
1.	Surfacing material, including without limitation material that is applied to surfaces by spraying, by troweling or otherwise, such as acoustical plaster on ceilings and fireproofing materials on structural members	Less than 90 square meters	3
		90 or more square meters, but less than 450 square meters	5
		450 or more square meters	7
2.	Thermal insulation, except as described in item 3	Any size	3
3.	Thermal insulation patch	Less than 2 linear meters or 0.5 square meters	1
4.	Other material	Any size	3

Generally, 5 to 10 grams of suspected asbestos containing materials are sampled and placed in re-sealable plastic bags. Procedures for bulk sampling follow OESN Ltd. due diligence guidelines for safe work practices.

Materials suspected of containing asbestos are homogeneously grouped, meaning that samples that appear to be the same age, type, colour and texture are assumed to be similar in material content.

All samples collected were sent to a National Voluntary Laboratory Accreditation Program (NVLAP) accredited analytical laboratory and analyzed using Polarized Light Microscopy (PLM). Each bulk sample was first examined under a stereo microscope to determine gross characteristics (colour, friability and general appearance). Approximately 0.5 mg of the material was immersed in refractive index oil and observed under a microscope at 100-400X magnifications. The PLM results are located in Appendix A of this report.

Sample preparation and analytical procedures are done in compliance with the U.S. EPA Method 600/R-93/116 Method for the Determination of Asbestos in Bulk Building Materials dated June 1993. The samples were then identified by six different criteria to determine fibre type and visual percentage.

## Reporting

A homogeneous list of materials potentially containing asbestos content is compiled based on visual observations. The Homogeneous Materials List includes all materials bulk sampled (**Table 1-5**). Materials containing asbestos are indicated with the row is shaded in grey. In **Table 6 – Asbestos Location, Material Description, Quantity and Condition Summary** - The quantification of material determined to contain asbestos are approximations only, and not actual quantities. Square footage (**SF**) or lineal footage (**LF**) is used as units of measurement. The asbestos containing cement elbows are described as Mud Joint Compound (**MJC**) and quantities are described as individual units.

### *Assessment of Asbestos Containing Material*

All asbestos containing materials in the building were assessed based on damage, location, accessibility, and any other factor, which may influence the integrity of the material. The rating and evaluation of the ACM was conducted using the Weighted Hazard Control System (WHCS).

### **Weighted Hazard Control System (WHCS)**

The Weighted Hazard Control System (WHCS) has been developed to provide a standard method for quantifying the current state of existing asbestos containing materials. The WHCS is designed to rate the potential for the release and/or exposure of asbestos fibres from Asbestos Containing Material (ACM) into the air near the personnel who may work in the vicinity and be in casual contact with the ACM under their normal work activities. The WHCS is used to indicate if asbestos control measures are needed to manage the ACM and to prioritize the hazard potential for exposure.

The WHCS is defined by the following parameters:

1. Asbestos indicator
2. Type of Material
3. Condition
4. Accessibility
5. Frequency of Access
6. Airborne Fibre Migration Potential
7. Fibre Generating Mechanism

Each one of the parameters is listed including potential ACM ratings in a legend at the bottom of each functional space form. The definition for each parameter is listed below.

## Asbestos Indicator

The asbestos identification criteria separate the materials surveyed into two categories:

1. Non- asbestos containing materials (based on PLM analytical method detection limits).
2. Asbestos containing materials are classified by having a detection limit greater than 0.5%.

Non-asbestos materials do not receive a WHCS numerical evaluation.

## Type of Material

This section of the functional space form is completed after sample analysis and/or visual identification is performed. Within this application, the appropriate WHCS rating for the type of asbestos material is listed. The range of WHCS factors is from 0 (Transite Panel, floor tiles non friable) etc. to 12 (caposite pipe insulation, crocidolite or sprayed amosite). The measurement rates materials that are generally non friable to extremely friable materials

Once the condition of the ACM is rated, the accessibility, frequency and the potential for fibre generating mechanisms are rated. This rating is based on frequency of work activities and accessibility of ACM present. This will identify the areas for the worst potential fibre release.

## Condition

The form sets out four conditions for asbestos containing materials: terrible, bad, moderate and excellent (original condition). The range of WHCS rating is from 0 (excellent) to 20 (terrible). The criteria for evaluation of condition are described below:

**Excellent:** Material that is in original condition, showing no signs of damage or deterioration.

- WHCS rating will be zero to five (0 - 5).

**Moderate:** Material that shows no signs of damage or deterioration:

- Piping or thermal insulation that is well jacketed with no exposed asbestos ends or seams.
- May have elbows that are thinly jacketed but in good shape.
- Sprayed fireproofing or sprayed thermal insulation that has no areas of damage or delamination.
- Non-friable materials showing minor damage and no signs of deterioration. (i.e. cracked floor tiles or transite panel board)
- The WHCS rating will be five to eight (5-8).

**Bad:** Material that has large areas moderately damaged or disturbed such as:

- Piping or building thermal insulation that has areas of jacketing either damaged or missing resulting in exposed asbestos.
- Sprayed fireproofing or sprayed thermal insulation that has minor areas damaged and/or falling away from the base deck material
- Severely damaged, ACM where loose debris is present and the binder has disintegrated. At this point any contact will cause the material to become friable and crack or split. The WHCS rating assessment will be 10-15.

**Terrible:** Material that has large areas severely damaged or disturbed such as:

- Piping or thermal insulation that has large areas of jacketing either severely damaged or missing.
- Sprayed fireproofing or sprayed thermal insulation that has large areas damaged and/or falling away from the base decking material.
- Pipe insulation is exposed and significant areas have been dislodged.
- Damage cannot be easily repaired or encapsulated.
- Debris is present on horizontal surfaces, or on the floor.
- The WHCS factor will be given an assessment of 16-20.

## Accessibility



The WHCS rating and accessibility criteria are listed below. Accessibility is intended to indicate the potential for individuals to be in contact with Asbestos Containing Material.

Table 5: Accessibility Criteria	
Accessibility	Rating
Unavoidable Physical Contact	8
Avoidable Arms Length	4
Need Ladder or Above Ceiling Panels	2
Need Scaffold or greater than 20 feet	0

### Frequency of Access

The frequency of access is determined by the site inspector. It is intended to indicate how often personnel are likely to be in potential contact with the ACM. The frequency of access criteria are listed below:

Table 6: Frequency of Access Table	
<b>Routine</b>	<b>WHCS Factor 8</b>
Example	ACM piping in a regularly traveled corridor. Spray insulation on walls in rooms where there is daily occupancy. Elbows in a room on the heating/water system.
<b>Periodic</b>	<b>WHCS Factor 4</b>
Example	Insulation on mechanical equipment within a room not regularly occupied but accessed for regular maintenance and inspections.
<b>Infrequent</b>	<b>WHCS Factor 2</b>
Example	Areas of the building not regularly accessed such as certain vaults, mezzanines or storage rooms.
<b>Rarely</b>	<b>WHCS Factor 0</b>
Example	Areas of the building rarely accessed such as a vacant storage room or crawlspace.

### Airborne Fibre Migration



Airborne Fibre Migration is a measure of how readily asbestos fibres can become airborne and dispersed. The range of WHCS factors are from zero (0) where unlimited dilution would occur, such as an outside or exterior area. A four (4) would indicate a confined space such as inside a crawlspace or vault, where no dilution of airborne fibres would occur.

### **Fibre Generating Mechanisms Factor**

Fibre Generating Mechanisms involve any form of action that could cause deterioration of the asbestos containing material resulting in the release of asbestos fibres. Typical fibre generating mechanisms may include water damage, grinding, vibration, foot traffic, physical arm movement, air movement etc. The range of weighted WHCS factors is from 0 (no mechanisms) to 4 (several).

### **Weighted Hazard Control System (WHCS) Total**

Once bulk sample results are supplied and the percentage and type of asbestos are determined, the individual ratings are added together to form a WHCS rating total. The WHCS ratings total is used to establish what response measures and control plans are required. For example, a WHCS rating producing a total of >30 require prompt asbestos control action. A note for minor damage or encapsulation may be suggested even if the material is not >30. The intent of the WHCS rating total is to produce an algorithmic scale aimed at standardizing reporting. This assists in reducing the potential for inspector bias.

### **Location/Comments**

This section of the form is used by the inspector to note specific areas where damage was found or to note any comments, which would help clarify the detail of the ACM inspected.

### **General Notes**

This section of the form makes evaluative notes aimed at identifying immediate respiratory concerns.

### Response Measures Actions

This section of the form evaluates what control measures are required to effectively handle the rated material. The response measures take into consideration the visual observation of the material and the overall WHCS Hazard rating total. The response measures are categorized as follows.

*It must be noted that during the investigation the form was used to collect as much data as required for each item inspected.*

*The above areas of the form are completed during the investigation with the appropriate rating determined by the inspector.*

### Hazard Rating Response Measure Control System

All materials confirmed to contain asbestos are categorized and assessed according to their functional space.

The Hazard Rating is determined by functional space and levels of public and employee activity. Condition, potential for damage and friability are also assessed at the time of inspection, and impact the degree of hazard.

Table 7: Hazard Rating Response Measure Control System		
Removal	For significantly damaged materials or materials which are located in close proximity of high public activity areas. Require immediate control and repair is not an option	<u>RESPONSE RATING #1</u>
Encapsulation	For damaged materials that do not have a high activity accessibility level, or have a low potential for significant damage yet present a fair threat to disturbance.	<u>RESPONSE RATING #2</u>
Enclosure	For materials that have low exposure levels and is in undamaged condition, or has minor repairable damage factors. This involves hoarding an area or jacketing a pipe insulation material.	<u>RESPONSE RATING #3</u>
Repair	For minor damage on materials with low or occasional exposure levels. Repair may include minor removal, minor encapsulation of damaged edges.	<u>RESPONSE RATING #4</u>
Operations & Maintenance (O & M)	These materials are typically in good condition, do not pose a threat unless renovated, sanded, cut, abraded, drilled, or otherwise disturbed so as to alter the structural integrity of the material.	<u>RESPONSE RATING #5</u>

The Weighted Hazard Control System (WHCS) functional space form is completed for each area of the building. Possible ACM are addressed on the left column area of the form, which allows the suspect ACM to be described by structural/mechanical system (i.e. floor, wall, ceiling, piping, structural, ducting, mechanical, and other) and described further by the component of the system (i.e. steam supply, and return or condensate). It should be understood that if a certain system was not listed in an area then the system was not present in the area, or the system could not be determined.

Hazard assessment of asbestos containing materials must be a continuous process due to changes in the building environment. A competent person should be assigned the duty of inspecting and recording changes in the functional spaces that contain asbestos containing materials. Personnel should be informed of asbestos containing materials and their locations. In the event of an emergency that causes any friable asbestos containing material to become damaged, immediate action to remedy the problem should be taken.

Note: In the event that any information has been withheld or is not known by the client, Ontario Environmental & Safety Network Ltd. reserves the right to modify any assessment in regards to the material at the time of inspection.

The WHCS is not intended to be used by those who remove asbestos containing materials. The appropriate asbestos containing control procedures should be reassessed prior to any potential of disturbance of asbestos materials, regardless of any WHCS score previously assigned to the material. If the suspect asbestos containing material is to be disturbed, requirements for control are required.

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# Appendix D

## Updates, Notes & Maintenance

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# Update Information to Adjust for Work Performed

Date

Location

Asbestos Control Work Performed

---

# Appendix D

## Updates, Notes & Maintenance

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# Update Information to Adjust for Work Performed

Date

Location

Asbestos Control Work Performed







# Asbestos Reassessment

E.L. Crossley Secondary School  
350 Highway 20, Fonthill,  
Ontario

Prepared for:

**District School Board of Niagara**  
191 Carlton Street  
St. Catharines, Ontario L2R 7P4

March 16, 2023

Pinchin File: 309884.003



**Asbestos Reassessment**

E.L. Crossley Secondary School, 350 Highway 20, Fonthill, Ontario  
District School Board of Niagara

March 16, 2023

Pinchin File: 309884.003

<b>Issued to:</b>	<b>District School Board of Niagara</b>
<b>Issued on:</b>	<b>March 16, 2023</b>
<b>Pinchin File:</b>	<b>309884.003</b>
<b>Issuing Office:</b>	<b>St. Catharines, ON</b>

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## EXECUTIVE SUMMARY

District School Board of Niagara (Client) retained Pinchin Ltd. (Pinchin) to conduct an asbestos building materials reassessment of E.L. Crossley Secondary School located at 350 Highway 20, Fonthill, Ontario. The reassessment was performed on July 11, 2022.

The objective of the reassessment was to evaluate the condition and quantity of previously reported asbestos-containing materials (ACM) and develop corrective action plans as required for the purposes of long-term management. The results of this assessment are not intended for construction, renovation, demolition or project tendering purposes.

## SUMMARY OF FINDINGS

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

- Spray-applied fireproofing in concealed locations;
- Pipe insulation;
- Drywall joint compound;
- Transite panelling;
- Vinyl sheet flooring and presumed mastic;
- Vinyl floor tiles and mastic;
- Vermiculite;
- Millboard; and
- Acoustic sink coating.

## SUMMARY OF RECOMMENDATIONS

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

1. Continue to apply the policies and procedures as outlined in the building's Asbestos Management Program (AMP).
2. Perform a re-assessment of asbestos materials on an annual basis.
3. Prior to renovations or demolition, perform a pre-construction assessment to identify any hazardous materials that may be disturbed by the work.
4. Follow appropriate safe work procedures when handling or disturbing asbestos.

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



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## **1.0 INTRODUCTION AND SCOPE**

District School Board of Niagara (Client) retained Pinchin Ltd. (Pinchin) to conduct an asbestos building materials reassessment at 350 Highway 20, Fonthill, Ontario.

Pinchin performed the reassessment on July 11, 2022. The surveyor was unaccompanied during the reassessment. The assessed area was unoccupied at the time of the assessment.

The objectives of the reassessment were to document the locations, quantities and conditions of previously identified asbestos containing building materials and develop corrective action plans as required. This reassessment is only to be used for the purposes of long-term management and routine maintenance. The results of this reassessment are not to be used for construction, renovation, demolition or project tendering purposes.

### **1.1 Scope of Assessment**

The objective of the reassessment was to evaluate the condition and quantity of previously reported asbestos-containing materials (ACM) and develop corrective action plans as required.

Additional objectives included the following:

- Documentation of any asbestos abatement that was performed since the last reassessment.

## **2.0 REGULATORY REQUIREMENTS**

The management of ACM in buildings is controlled by Ministry of Labour Regulation 278/05. Regulation 278/05 requires the following regarding asbestos management:

- Reassess the condition of ACM at reasonable intervals and update the record (asbestos reassessment report) at least annually and if new information is obtained.
- Maintain a record (asbestos reassessment report) on the premises showing location of all ACM.
- The record shall include information on the location of ACM, whether it is friable/non-friable; and in the case of friable sprayed-on materials for each location:
  - if the material is known to be asbestos-containing and the type of asbestos, if known, or
  - in any other case, a statement that the material is to be treated as though it contains an asbestos type other than chrysotile.



Performing the reassessment ensures compliance with the above items. Disposal of asbestos waste is controlled by Ministry of the Environment Regulation, R.R.O. 347 as amended.

### **3.0 METHODOLOGY**

Pinchin reviewed the previously conducted asbestos reassessment reports and the current data in the online Ebase database. Pinchin has relied on the findings from the previous year's reassessments and the current information in the online Ebase database.

The surveyor entered each room, corridor, service area, etc. where ACM was previously identified. Walls, solid ceilings, flooring, structural items, interior finishes or exterior building finishes were not removed to determine the presence of concealed materials. Areas identified as "Restricted Spaces" by the Client were visually assessed from external access points to ensure the current data and findings from the previous year's reassessment were accurate and, where necessary, document any changes in the site conditions.

The surveyor visually inspected for the condition of ACM previously identified. Where changes were present in condition or where materials have been removed, these changes have been made to the online Ebase database and are reflected in the report.

Asbestos-containing materials were evaluated in order to make recommendations regarding remedial work. The priority for remedial action was based on the same priority system in the previous reassessment reports and is defined in Appendix I-A.

#### **3.1 Limitations on the Scope of Work**

The reassessment excluded the following:

- Owner or occupant articles (e.g., stored items, appliances, etc.);
- Underground materials or equipment (e.g., vessels, drums, underground storage tanks, pipes, etc.);
- Building envelope, structural components, inaccessible or concealed materials or other items where sampling may cause consequential damage to the property;
- Energized systems (e.g., internal boiler components, elevators, mechanical or electrical components);
- Controlled products (e.g., stored chemicals, operational or process-related substances); and
- Materials not typically associated with construction (e.g., settled dust, spills, residual contamination from prior spills, etc.).



The reassessment was limited to non-intrusive investigation and testing. Concealed spaces such as those above solid ceilings and within shafts and pipe chases were accessed via existing access panels only.

Asbestos-containing spray-applied fireproofing above ceilings was assessed on a representative basis only, to determine if widespread delamination is occurring. This approach is practical and limits the potential disturbance of asbestos-containing spray-applied fireproofing that accompanies the removal of ceiling tiles.

## **4.0 FINDINGS**

### **4.1 General**

Refer to the appendices for results of the reassessment.

There are no known restricted spaces present at this school.

Spray-applied fireproofing, containing chrysotile asbestos, is presumed to be present within the school within concealed locations (i.e. soffits, above solid ceilings, mechanical chases, etc.)

Dust or spray-applied fireproofing within ducts, fan units etc. has not been sampled. As per O. Reg. 278/05 (Section 12 (4) 3), ducts in a building with asbestos-containing spray-applied fireproofing are considered to be asbestos-contaminated in the absence of sampling within the duct. In areas where asbestos-containing spray-applied fireproofing is present, assume ducts to have asbestos-containing spray-applied fireproofing or associated dust present within the ducts.

In areas where the school has been abated of asbestos-containing spray-applied fireproofing, it is not possible to locate minor amounts of residual sprayed asbestos left in these areas after application of new, non-asbestos spray-applied fireproofing. Such residual materials may be present within cavities, shafts, within walls, or fully or partially covered with new asbestos-free re-spray. To attempt to locate these residual pockets of sprayed asbestos would require extensive demolition, visual investigation of literally every square meter and likely extensive removal and replacement of the new spray-applied fireproofing.

## **5.0 RECOMMENDATIONS**

### **5.1 General**

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



## **5.2 On-going Management and Maintenance**

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

Perform a re-assessment of asbestos materials on an annual basis.

Monitor the condition of asbestos by conducting a re-assessment on a regular basis.

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

Update the asbestos inventory report for the building upon completion of any abatement of ACM.

## **5.3 Remedial Work**

There is no remedial work required.

## **6.0 TERMS AND LIMITATIONS**

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

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

## **7.0 REFERENCES**

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

1. Asbestos on Construction Projects and in Buildings and Repair Operations, Ontario Regulation 278/05.
2. Designated Substances, Ontario Regulation 490/09.
3. Ministry of the Environment Regulation, R.R.O. 1990 Reg. 347 as amended.

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Template: Master Report for Asbestos Reassessment, HAZ, July 29, 2021



**APPENDIX I-A**  
**Basis of Evaluation and Recommendation**



## **1.0 DEFINITION OF TERMS FOR APPENDIX I CONDITION:**

- Good:** Materials observed to be in satisfactory condition, firmly bound or encapsulated and requiring no remedial action;
- Fair:** Materials observed to be in a condition that does not currently require immediate remedial action. However, proactive measures to maintain or upgrade the surface finish of the material can be considered.
- Poor:** Materials that are damaged due to physical or chemical disturbance including: crumbling, blistering, nicks, gouges, abrasion, water damage or other damage. Remedial action is recommended.

## **2.0 CODING:**

- A.** A material which has been removed (A1) or encapsulated (A2);
- B.** Material that has deteriorated in condition since the previous assessment (i.e. good to fair or poor);
- C.** Material which has been repaired or has improved in condition (i.e. poor to fair or good);
- D.** Material which has been deleted from the summary list due to errors in previous assessments;
- E.** Material which has been added to the summary list due to errors in previous assessments;
- F.** Additional information to distinguish between several types of the same material within the same room;
- G.** Information contained within the summary list which was found to be incorrect;
- H.** Material which was considered to be in poor condition and warrants the need for remedial action.  
A respective number (i.e. 2021-1) is designated for the specific location of remediation.

## **3.0 PRIORITY:**

- Low:** Material is damaged, but has a low potential for airborne fibre emission due to non-friability, inaccessibility, and / or other conditions;
- Medium:** Material is damaged, and has a moderate potential for airborne fibre emission due to friability, relative accessibility, and / or other conditions;
- High:** Material is damaged and is likely to result in airborne fibre emission if left in place. This includes friable debris, material likely to incur additional damage due to daily activities, and / or other conditions.

**APPENDIX I-B**  
**Asbestos Summary List**

## E.L. Crossley Secondary School

Room #	Room Name	Frangible	Material (NEW)	Material Details (NEW)	Condition (NEW)	Action (NEW)
000	E.L. Crossley	Yes	Vermiculite	Vermiculite	Good	
000	E.L. Crossley	Yes	Vermiculite	Vermiculite	Good	
000	E.L. Crossley	Yes	Fireproofing (Cementitious)	Fireproofing (concealed)	Good	
001	STAIR	Yes	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS (ASSUMED)	Good	
001	STAIR	Yes	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS	Good	
001	STAIR	Yes	Drywall Joint Compound	DRYWALL JOINT FILLING COMPOUND	Good	
001	STAIR	No	Vinyl Floor Tile and Mastic	Vinyl Floor Tile Mastic	Good	E
002	CORRIDOR	Yes	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS	Good	
003	MUSIC STORAGE	Yes	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS	Good	
003	MUSIC STORAGE	No	Vinyl Floor Tile	VINYL FLOOR TILE	Good	C
004	MECHANICAL ROOM	Yes	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS	Good	
004	MECHANICAL ROOM	Yes	Parging Cement	PARGING	Good	
102	STAIR	No	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS (ASSUMED)	Good	
103	LOBBY	Yes	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS	Good	
104	MEETING ROOM	Yes	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS	Good	
106	SPECIAL NEEDS 1	Yes	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS	Good	
107	DESIGN LAB	Yes	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS	Good	
107	DESIGN LAB	No	Linoleum	LINOLEUM	Good	
108	ELECTRICITY LAB	Yes	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS	Good	
109	CONSTRUCTION TECHNOLOGY	Yes	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS	Good	
109	CONSTRUCTION TECHNOLOGY	Yes	Parging: Seams and Edges (Fibreglass)	PARGING ON SEAMS	Good	
109	CONSTRUCTION TECHNOLOGY	No	Linoleum	LINOLEUM	Good	
110	STORAGE	Yes	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS	Good	
111	TRANSPORTATION TECHNOLOGY	Yes	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS	Good	
114	CORRIDOR	Yes	Drywall Joint Compound	DRYWALL JOINT FILLING COMPOUND	Good	
115	DARK ROOM	No	Linoleum	LINOLEUM	Good	
117	SHOP	No	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS (ASSUMED)	Good	
117	SHOP	Yes	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS	Good	
117	SHOP	No	Transite Panel	TRANSITE PANELS	Good	
117	SHOP	No	Delete	MILLBOARD	Good	
118	VESTIBULE	Yes	Drywall Joint Compound	DRYWALL JOINT FILLING COMPOUND	Good	
119	THEATER/DRAMA	Yes	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS	Good	
120	COMMUNICATION TECHNOLOGY	Yes	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS	Good	
120	COMMUNICATION TECHNOLOGY	Yes	Drywall Joint Compound	DRYWALL JOINT FILLING COMPOUND	Good	
121	STAIR	No	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS (ASSUMED)	Good	
121	STAIR	Yes	Drywall Joint Compound	DRYWALL JOINT FILLING COMPOUND	Good	
122	HORTICULTURE	Yes	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS	Good	
124	MECHANICAL ROOM	No	Transite Panel	TRANSITE PANEL	Good	
125	CO-OP OFFICE	No	Vinyl Floor Tile	VINYL FLOOR TILE	Good	
127	ART ROOM	No	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS (ASSUMED)	Good	
127	ART ROOM	No	Linoleum	LINOLEUM	Good	
128	BOYS WASHROOM	No	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS (ASSUMED)	Good	
129	CUSTODIAL	No	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS (ASSUMED)	Good	
130	HEALTH ROOM	No	Vinyl Floor Tile	VINYL FLOOR TILE	Good	
131	CUSTODIAL OFFICE	No	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS (ASSUMED)	Good	
132	WASHROOM	No	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS (ASSUMED)	Good	
133	CUSTODIAN LUNCH ROOM	No	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS (ASSUMED)	Good	
134	STORAGE	No	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS (ASSUMED)	Good	
135	MEETING ROOM	No	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS (ASSUMED)	Good	
135	MEETING ROOM	Yes	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS	Good	
135	MEETING ROOM	No	Vinyl Floor Tile	VINYL FLOOR TILE	Not Visible /Encapsulated	
136	CORRIDOR	Yes	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS	Good	
136	CORRIDOR	Yes	Drywall Joint Compound	DRYWALL JOINT FILLING COMPOUND	Good	
137	STUDENT COUNCIL	No	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS (ASSUMED)	Good	
138	CORRIDOR	No	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS (ASSUMED)	Good	
139	STAIR	No	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS (ASSUMED)	Good	
141	TRANSFORMER ROOM	No	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS (ASSUMED)	Good	
143	STAIR	No	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS (ASSUMED)	Good	
144	CORRIDOR	Yes	Drywall Joint Compound	DRYWALL JOINT FILLING COMPOUND	Good	
148	VESTIBULE	Yes	Drywall Joint Compound	DRYWALL JOINT FILLING COMPOUND	Good	E
149	STORAGE	No	Vinyl Floor Tile	VINYL FLOOR TILE	Good	
151	GIRLS WASHROOM	No	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS (ASSUMED)	Good	
152	MENS STAFF WASHROOM	No	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS (ASSUMED)	Good	
152	MENS STAFF WASHROOM	No	Vinyl Floor Tile	VINYL FLOOR TILE	Good	
153	WOMENS STAFF WASHROOM	No	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS (ASSUMED)	Good	
153	WOMENS STAFF WASHROOM	No	Vinyl Floor Tile	VINYL FLOOR TILE	Good	
155	CLOSET	Yes	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS	Good	
156	STAFF ROOM	Yes	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS	Good	
156	STAFF ROOM	No	Vinyl Floor Tile	VINYL FLOOR TILE	Good	
156	STAFF ROOM	No	9" x 9" Vinyl Floor Tile and Mastic	9" x 9" Vinyl Floor Tile and Mastic	Good	E
159	MENS WASHROOM	No	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS (ASSUMED)	Good	
160	WOMENS WASHROOM	No	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS (ASSUMED)	Good	
160	WOMENS WASHROOM	Yes	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS	Good	
163	MUSIC STORAGE	No	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS (ASSUMED)	Good	
165	GYMNASIUM	Yes	Parging: Seams and Edges (Fibreglass)	PARGING ON SEAMS	Good	
166	STAIR	No	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS (ASSUMED)	Good	
167	CORRIDOR	No	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS (ASSUMED)	Good	
168	CORRIDOR	No	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS (ASSUMED)	Good	
169	CORRIDOR	No	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS (ASSUMED)	Good	
172	CORRIDOR	No	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS (ASSUMED)	Good	
172	CORRIDOR	No	Vinyl Floor Tile	VINYL FLOOR TILE	Good	
173	BOYS CHANGEROOM	No	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS (ASSUMED)	Good	
174	CORRIDOR	No	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS (ASSUMED)	Good	
175	RESOURCE ROOM	Yes	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS	Good	
175	RESOURCE ROOM	No	Vinyl Floor Tile	VINYL FLOOR TILE CONCEALED BELOW MOUNTED ITEMS	Good	
177	WORK ROOM	Yes	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS	Good	
177	WORK ROOM	No	Vinyl Floor Tile	VINYL FLOOR TILE	Good	
201	STAIR	Yes	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS (ASSUMED)	Good	
203	CLASSROOM	No	9" x 9" Vinyl Floor Tile	Assume 9" x 9" Vinyl Floor Tiles Concealed Below Mounted Items	Good	
203	CLASSROOM	No	Linoleum	LINOLEUM	Good	A1
204	CLASSROOM	Yes	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS (ASSUMED)	Good	
205	CLASSROOM	No	9" x 9" Vinyl Floor Tile	Assume 9" x 9" Vinyl Floor Tiles Concealed Below Mounted Items	Good	
205	CLASSROOM	No	Linoleum	LINOLEUM	Good	
206	FAMILY STUDIES CLASSROOM	Yes	Stainless Steel Sink Mastic	ACOUSTIC COATING	Good	
207	CLASSROOM	No	Linoleum	LINOLEUM	Good	
208	CLASSROOM	No	Linoleum	LINOLEUM	Good	
212	BOYS WASHROOM	Yes	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS (ASSUMED)	Good	
213	STAFF ROOM	No	9", x 9" Vinyl Floor Tile	Assume 9" x 9" Vinyl Floor Tiles Concealed Below Mounted Items	Good	
215	STAIR	Yes	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS (ASSUMED)	Good	
216	CORRIDOR	Yes	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS	Good	
216	CORRIDOR	Yes	Drywall Joint Compound	DRYWALL JOINT FILLING COMPOUND	Good	
217	CLASSROOM	No	Vinyl Floor Tile	Assume 9" x 9" Vinyl Floor Tiles Concealed Below Mounted Items	Good	
218	OFFICE	No	9" x 9" Vinyl Floor Tile	Assume 9" x 9" Vinyl Floor Tiles Concealed Below Mounted Items	Good	
221	CORRIDOR	Yes	Drywall Joint Compound	DRYWALL JOINT FILLING COMPOUND	Good	
224	COPY ROOM	Yes	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS (ASSUMED)	Good	
226	CLASSROOM	Yes	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS (ASSUMED)	Good	
226	CLASSROOM	No	Vinyl Floor Tile	Assume 9" x 9" Vinyl Floor Tiles Concealed Below Mounted Items	Good	
227	STAIR	Yes	Drywall Joint Compound	DRYWALL JOINT FILLING COMPOUND	Good	
228	STORAGE	Yes	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS (ASSUMED)	Good	
229	COMPUTER LAB	Yes	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS (ASSUMED)	Good	
229	COMPUTER LAB	No	Vinyl Floor Tile	VINYL FLOOR TILE	Good	

230	CLASSROOM	Yes	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS (ASSUMED)	Good	
230	CLASSROOM	No	9" x 9" Vinyl Floor Tile	Assume 9" x 9" Vinyl Floor Tiles Concealed Below Mounted Items	Good	A1
233	CORRIDOR	Yes	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS (ASSUMED)	Good	
234	MUSIC ROOM	Yes	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS	Good	
235	STAIR	Yes	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS (ASSUMED)	Good	
238	STAIR	Yes	Parging: Seams and Edges (Fibreglass)	PARGING	Good	
239	STORAGE	Yes	Parging: Seams and Edges (Fibreglass)	PARGING	Good	
239	STORAGE	Yes	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS	Good	
243	CORRIDOR	Yes	Parging: Seams and Edges (Fibreglass)	PARGING	Good	
246	MEZZANINE STORAGE	Yes		PARGING	Good	
246	MEZZANINE STORAGE	Yes	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS	Good	
301	STAIR	Yes	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS (ASSUMED)	Good	
305	CLASSROOM	No	9" x 9" Vinyl Floor Tile	Assume 9" x 9" Vinyl Floor Tiles Concealed Below Mounted Items	Good	
305	CLASSROOM	No	Linoleum	Cobblestone	Good	E
307	CLASSROOM	No	9" x 9" Vinyl Floor Tile	Assume 9" x 9" Vinyl Floor Tiles Concealed Below Mounted Items	Good	
309	STAFF ROOM	No	9", x 9" Vinyl Floor Tile	Assume 9" x 9" Vinyl Floor Tiles Concealed Below Mounted Items	Good	
311	CLASSROOM	No	9" x 9" Vinyl Floor Tile	Assume 9" x 9" Vinyl Floor Tiles Concealed Below Mounted Items	Not Visible /Encapsulated	A2
315	STAIR	Yes	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS (ASSUMED)	Good	
316	CORRIDOR	Yes	Drywall Joint Compound	DRYWALL JOINT FILLING COMPOUND	Good	
319	CLASSROOM	No	9" x 9" Vinyl Floor Tile	Assume 9" x 9" Vinyl Floor Tiles Concealed Below Mounted Items	Not Visible /Encapsulated	A2
321	CORRIDOR	Yes	Drywall Joint Compound	DRYWALL JOINT FILLING COMPOUND	Good	
322	SPECIAL EDUCATION	No	Vinyl Floor Tile	Assume 9" x 9" Vinyl Floor Tiles Concealed Below Mounted Items	Not Visible /Encapsulated	A2
323	CLASSROOM	No	9" x 9" Vinyl Floor Tile	Assume 9" x 9" Vinyl Floor Tiles Concealed Below Mounted Items	Not Visible /Encapsulated	A2
325	CLASSROOM	No	9" x 9" Vinyl Floor Tile	Assume 9" x 9" Vinyl Floor Tiles Concealed Below Mounted Items	Not Visible /Encapsulated	A2 (Encapsulated)
327	CLASSROOM	No	9" x 9" Vinyl Floor Tile	Assume 9" x 9" Vinyl Floor Tiles Concealed Below Mounted Items	Not Visible /Encapsulated	A2
329	OFFICE	No	Vinyl Floor Tile	VINYL FLOOR TILE	Good	
330	CLASSROOM	No	Vinyl Floor Tile	VINYL FLOOR TILE	Not Visible /Encapsulated	A2
331	STAIR	Yes	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS (ASSUMED)	Good	
331	STAIR	Yes	Drywall Joint Compound	DRYWALL JOINT FILLING COMPOUND	Good	
332	CLASSROOM	No	9" x 9" Vinyl Floor Tile	Assume 9" x 9" Vinyl Floor Tiles Concealed Below Mounted Items	Not Visible /Encapsulated	A2
401	STAIR	Yes	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS (ASSUMED)	Good	
404	SCIENCE	No	Linoleum	LINOLEUM	Good	
405	SCIENCE STORAGE	No	Linoleum	LINOLEUM	Good	
405	SCIENCE STORAGE	Yes	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS	Good	
406	CLASSROOM	No	Vinyl Floor Tile	VINYL FLOOR TILE	Good	
407	SCIENCE	No	Linoleum	LINOLEUM	Good	
408	CLASSROOM	No	9" x 9" Vinyl Floor Tile	9" x 9" VINYL FLOOR TILES	Good	
409	SCIENCE	Yes	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS (ASSUMED)	Good	
411	STAIR	Yes	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS (ASSUMED)	Good	
411	STAIR	No	Vinyl Floor Tile	VINYL FLOOR TILE	Good	
413	CLASSROOM	No	9", x 9" Vinyl Floor Tile	Assume 9" x 9" Vinyl Floor Tiles Concealed Below Mounted Items	Not Visible /Encapsulated	A2
414	WASHROOM	Yes	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS (ASSUMED)	Good	
415	BOYS WASHROOM	Yes	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS (ASSUMED)	Good	
416	STORAGE	Yes	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS (ASSUMED)	Good	
418	STAIR	Yes	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS (ASSUMED)	Good	
005A	ELEVATOR MECHANICAL	Yes	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS	Good	
008A	GREENHOUSE STORAGE	Yes	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS	Good	
106A	SENSORY ROOM	Yes	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS	Good	
106B	MOVEMENT ROOM	Yes	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS	Good	
106B	MOVEMENT ROOM	No	Linoleum	LINOLEUM	Good	
107A	STORAGE	Yes	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS	Good	
107A	STORAGE	No	Linoleum	LINOLEUM	Good	
115A	PREP ROOM	No	Vinyl Floor Tile	VINYL FLOOR TILE	Good	
116A	HYDRAULIC ROOM	Yes	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS	Good	
120A	STORAGE	Yes	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS	Good	
120A	STORAGE	No	Vinyl Floor Tile	VINYL FLOOR TILE	Good	
120A	STORAGE	Yes	Drywall Joint Compound	DRYWALL JOINT FILLING COMPOUND	Good	
120B	STORAGE	No	Vinyl Floor Tile	VINYL FLOOR TILE	Good	
120B	STORAGE	Yes	Drywall Joint Compound	DRYWALL JOINT FILLING COMPOUND	Good	
125A	WASHROOM	No	9" x 9" Vinyl Floor Tile	VINYL FLOOR TILE	Good	
130A	WASHROOM	No	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS (ASSUMED)	Good	
150A	OFFICE	No	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS (ASSUMED)	Good	
152A	MENS STAFF WASHROOM	No	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS (ASSUMED)	Good	
152A	MENS STAFF WASHROOM	Yes	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS	Good	
153A	WOMENS STAFF WASHROOM	No	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS (ASSUMED)	Good	
153A	WOMENS STAFF WASHROOM	No	Vinyl Floor Tile	VINYL FLOOR TILE	Good	
157A	SERVING AREA	No	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS (ASSUMED)	Good	
157B	KITCHEN	No	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS (ASSUMED)	Good	
157C	DISHWASHING	No	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS (ASSUMED)	Good	
157D	STAFF WASHROOM	No	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS (ASSUMED)	Good	
157D	STAFF WASHROOM	Yes	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS	Good	
157E	KITCHEN	No	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS (ASSUMED)	Good	
157E	KITCHEN	Yes	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS	Good	
157F	STORAGE	No	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS (ASSUMED)	Good	
157H	SERVING AREA	No	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS (ASSUMED)	Good	
163A	MUSIC STORAGE	No	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS (ASSUMED)	Good	
163B	MUSIC STORAGE	No	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS (ASSUMED)	Good	
164B	WASHROOM	No	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS (ASSUMED)	Good	
164C	CARETAKERS CLOSET	No	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS (ASSUMED)	Good	
165B	GYM STORAGE	Yes	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS	Good	
165B	GYM STORAGE	Yes	Parging: Seams and Edges (Fibreglass)	PARGING ON SEAMS	Good	
167A	TEACHERS CHANGEROOM	No	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS (ASSUMED)	Good	
167A	TEACHERS CHANGEROOM	No	Vinyl Floor Tile	VINYL FLOOR TILE	Good	
167B	GIRLS PHYS ED OFFICE	No	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS (ASSUMED)	Good	
167C	GIRLS CHANGEROOM	No	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS (ASSUMED)	Good	
167D	WASHROOM	No	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS (ASSUMED)	Good	
168B	GYM STORAGE	No	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS (ASSUMED)	Good	
170A	STAGE	Yes	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS	Good	
170A	STAGE	Yes	Parging: Seams and Edges (Fibreglass)	PARGING ON SEAMS	Good	
170B	EXERCISE ROOM	Yes	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS	Good	
170B	EXERCISE ROOM	Yes	Parging: Seams and Edges (Fibreglass)	PARGING ON SEAMS	Good	
172A	TEACHERS CHANGEROOM	No	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS (ASSUMED)	Good	
172B	BOYS PHYS ED OFFICE	No	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS (ASSUMED)	Good	
172D	CUSTODIAL	Yes	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS	Good	
172D	CUSTODIAL	No	Vinyl Floor Tile	VINYL FLOOR TILE	Good	
173A	WASHROOM	No	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS (ASSUMED)	Good	
174A	GYM STORAGE	Yes	Drywall Joint Compound	DRYWALL JOINT FILLING COMPOUND	Good	
174B	BOYS SHOWER	No	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS (ASSUMED)	Good	
174E	STORAGE	Yes	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS	Good	
174E	STORAGE	Yes	Parging: Seams and Edges (Fibreglass)	PARGING ON SEAMS	Good	
174F	STORAGE	Yes	Parging: Seams and Edges (Fibreglass)	PARGING ON SEAMS	Good	
178A	VAULT	No	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS (ASSUMED)	Good	
178A	VAULT	No	Vinyl Floor Tile	VINYL FLOOR TILE	Good	
178B	STORAGE	No	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS (ASSUMED)	Good	
178B	STORAGE	No	Vinyl Floor Tile	VINYL FLOOR TILE	Good	
178D	PRINCIPAL	No	Vinyl Floor Tile	VINYL FLOOR TILE	Good	
178E	VICE PRINCIPAL	No	Vinyl Floor Tile	VINYL FLOOR TILE	Good	
212A	WASHROOM	Yes	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS (ASSUMED)	Good	
218A	OFFICE	No	Vinyl Floor Tile	Assume 9" x 9" Vinyl Floor Tiles Concealed Below Mounted Items	Good	A1
226A	OFFICE	Yes	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS (ASSUMED)	Good	
229A	STORAGE	Yes	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS (ASSUMED)	Good	
229A	STORAGE	No	9" x 9" Vinyl Floor Tile	VINYL FLOOR TILE	Good	
231A	STAIR	Yes	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS (ASSUMED)	Good	

234A	MECHANICAL ROOM	Yes	Parging: Seams and Edges (Fibreglass)	PARGING	Good	
234A	MECHANICAL ROOM	Yes	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS	Good	
317A	OFFICE	No	Vinyl Floor Tile	Assume 9" x 9" Vinyl Floor Tiles Concealed Below Mounted Items	Not Visible /Encapsulated	A2 (Encapsulated)
329A	OFFICE	No	Vinyl Floor Tile	VINYL FLOOR TILE	Good	
405A	STORAGE	Yes	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS (ASSUMED)	Good	
409A	STORAGE	No	Vinyl Floor Tile	VINYL FLOOR TILE	Good	
409A	STORAGE	Yes	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS	Good	

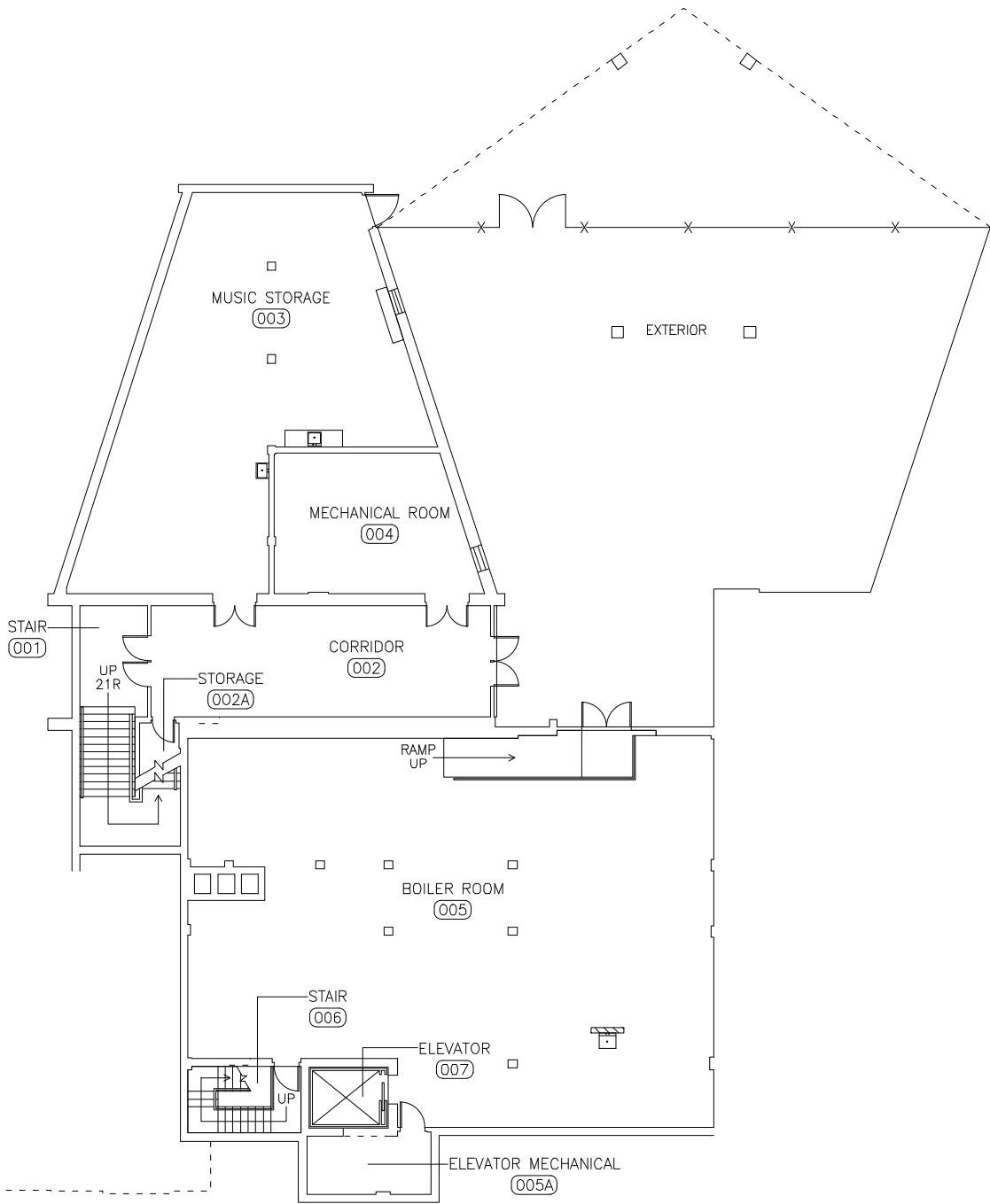
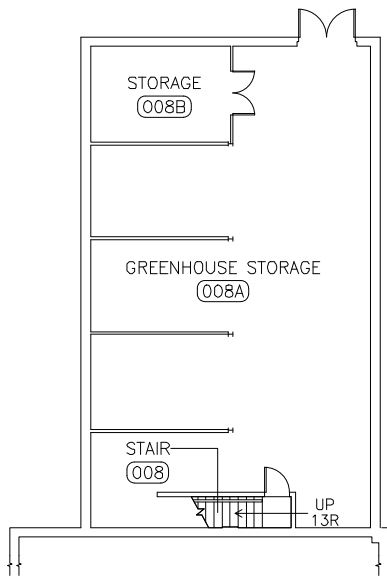
**APPENDIX I-C**  
**Asbestos Removed Summary List**

## E.L. Crossley Secondary School

Room #	Room Name	Friable	Material (NEW)	Material Details (NEW)	Condition (NEW)	Action (NEW)
106	SPECIAL NEEDS 1	No	Linoleum	LINOLEUM	Abated Material	
108	ELECTRICITY LAB	No	Linoleum	LINOLEUM	Abated Material	
112	CORRIDOR	Yes	Sprayed Fireproofing	Fireproofing Above Ceiling Tile on Perimeter Beams and Overspray on Concrete Block	Abated Material	A1
114	CORRIDOR	Yes	Sprayed Fireproofing	Fireproofing Above Ceiling Tile on Perimeter Beams and Overspray on Concrete Block	Abated Material	A1
116	SCIENCE	No	9" x 9" Vinyl Floor Tile and Mastic	9" x 9" Vinyl Floor Tile and Mastic	Abated Material	A1
118	VESTIBULE	Yes	Sprayed Fireproofing	Fireproofing Above Ceiling Tile on Perimeter Beams and Overspray on Concrete Block	Abated Material	A1
120	COMMUNICATION TECHNOLOGY	No	9" x 9" Vinyl Floor Tile and Mastic	VINYL FLOOR TILE and Mastic	Abated Material	A1
123	VESTIBULE	Yes	Sprayed Fireproofing	Fireproofing Above Ceiling Tile on Perimeter Beams and Overspray on Concrete Block	Abated Material	A1
124	MECHANICAL ROOM	Yes	Parging Cement	Fireproofing	Abated Material	A1
127	ART ROOM	No	Vinyl Floor Tile	VINYL FLOOR TILE	Abated Material	
144	CORRIDOR	Yes	Sprayed Fireproofing	Fireproofing Above Ceiling Tile on Perimeter Beams and Overspray on Concrete Block	Abated Material	A1
146	LECTURE ROOM	Yes	Sprayed Fireproofing	Fireproofing Above Ceiling Tile on Perimeter Beams and Overspray on Concrete Block	Abated Material	D
148	VESTIBULE	Yes	Sprayed Fireproofing	Fireproofing Above Ceiling Tile	Abated Material	A1
176	GUIDANCE	No	Vinyl Floor Tile	VINYL FLOOR TILE	Abated Material	
177	WORK ROOM	No	Vinyl Floor Tile	VINYL FLOOR TILE	Abated Material	
204	CLASSROOM	No	9" x 9" Vinyl Floor Tile	VINYL FLOOR TILE	Removed	A1
206	FAMILY STUDIES CLASSROOM	No	9", x 9" Vinyl Floor Tile	VINYL FLOOR TILE	Removed	A1
208	CLASSROOM	No	9" x 9" Vinyl Floor Tile	VINYL FLOOR TILE	Removed	A1
211	CLASSROOM	No	9" x 9" Vinyl Floor Tile	VINYL FLOOR TILE	Removed	A1
211	CLASSROOM	No	Linoleum	LINOLEUM	Removed	A1
216	CORRIDOR	Yes	Sprayed Fireproofing	Fireproofing Above Ceiling Tile	Abated Material	D
219	COMPUTER LAB	No	9" x 9" Vinyl Floor Tile	VINYL FLOOR TILE	Removed	A1
221	CORRIDOR	Yes	Sprayed Fireproofing	Fireproofing Above Ceiling Tile	Abated Material	D
223	COMPUTER LAB	No	Vinyl Floor Tile	VINYL FLOOR TILE	Removed	A1
224	COPY ROOM	No	Vinyl Floor Tile	VINYL FLOOR TILE	Removed	A1
225	COMPUTER LAB	No	Vinyl Floor Tile and Mastic	VINYL FLOOR TILE and Mastic	Removed	A1
228	STORAGE	No	Vinyl Floor Tile	VINYL FLOOR TILE	Removed	A1
233	CORRIDOR	No	Linoleum	LINOLEUM	Removed	A1
241	GYM OFFICE	Yes	Parging Cement Pipe Fitting	PARGED PIPE FITTINGS	Removed	A1
304	CLASSROOM	No	9" x 9" Vinyl Floor Tile	VINYL FLOOR TILE	Removed	A1
316	CORRIDOR	Yes	Parging Cement	Fireproofing	Abated Material	A1
316	CORRIDOR	Yes	Parging Cement	Fireproofing	Abated Material	D
317	SPECIAL EDUCATION	No	9", x 9" Vinyl Floor Tile	VINYL FLOOR TILE	Removed	A1
321	CORRIDOR	Yes	Parging Cement	Fireproofing	Abated Material	D
106A	SENSORY ROOM	No	Linoleum	LINOLEUM	Abated Material	
116A	HYDRAULIC ROOM	No	9" x 9" Vinyl Floor Tile	9" x 9" Vinyl Floor Tile	Abated Material	A1
123A	STORAGE	Yes	Sprayed Fireproofing	Fireproofing Above Ceiling Tile on Perimeter Beams and Overspray on Concrete Block	Abated Material	A1
226A	OFFICE	No	Vinyl Floor Tile	VINYL FLOOR TILE	Removed	A1
309A	STORAGE	No	9", x 9" Vinyl Floor Tile	VINYL FLOOR TILE	Removed	A1
313A	DISPLAY CASE	No	9" x 9" Vinyl Floor Tile	VINYL FLOOR TILE	Removed	A1



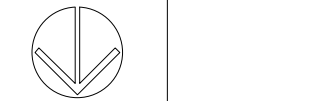
**APPENDIX II**  
**Drawings**



ARCHITECTURAL LEGEND

- 12 ARCHITECTURAL ROOM NUMBER
- 12 PLANT AREA NUMBER

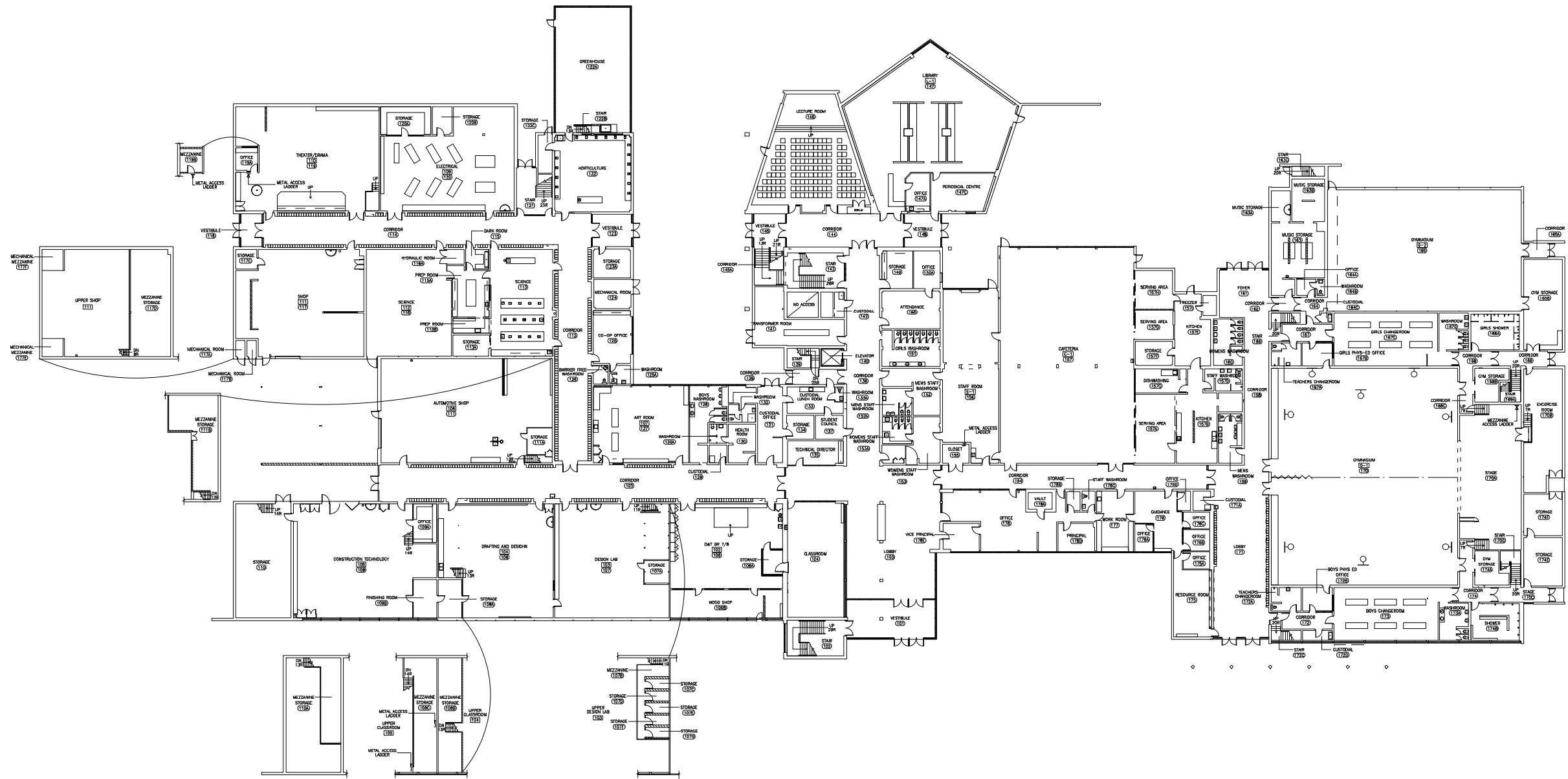
2015 REVISION DATE: JULY 2015  
THE INFORMATION CONTAINED IN THIS DOCUMENT HAS BEEN OBTAINED FROM SOURCES BELIEVED TO BE RELIABLE. HOWEVER, THE DISTRICT SCHOOL BOARD OF NIAGARA DOES NOT WARRANT THE ACCURACY OF THE INFORMATION.



REV	DATE	DESCRIPTION	BY	CHKD
E. L. CROSSLEY SECONDARY SCHOOL 350 Hwy. #20. Fonthill, Ont.				
TITLE BASEMENT FLOOR PLAN ARCHITECTURAL				
SCALE 1/16" = 1'-0"	DRAWN BY J2202/LAS OCT 98	CHKD BY J2 DATE: OCT 98	APPROVED BY J2 DATE: OCT 98	
CONTRACT No.	212	DWG No.	A1	REV

ARCHITECTURAL LEGEND

- 12 ARCHITECTURAL ROOM NUMBER  
12 PLANT AREA NUMBER



BASED ON HISTORICAL RECORDS - ROOM NUMBER ADDITIONS AND DELETIONS		
DATE	ROOM #	DESCRIPTION
JUL 07	7A	WALLS ADDED IN ROOM 7

2015 REVISION DATE: JULY 2015  
ALL DIMENSIONS SHOWN IN THIS DRAWING HAVE BEEN VERIFIED USING DATA COLLECTED  
ON THE DATE OF THE DRAWING. ANY CHANGES TO THE DRAWING WILL BE SHOWN IN THE REVISIONS.

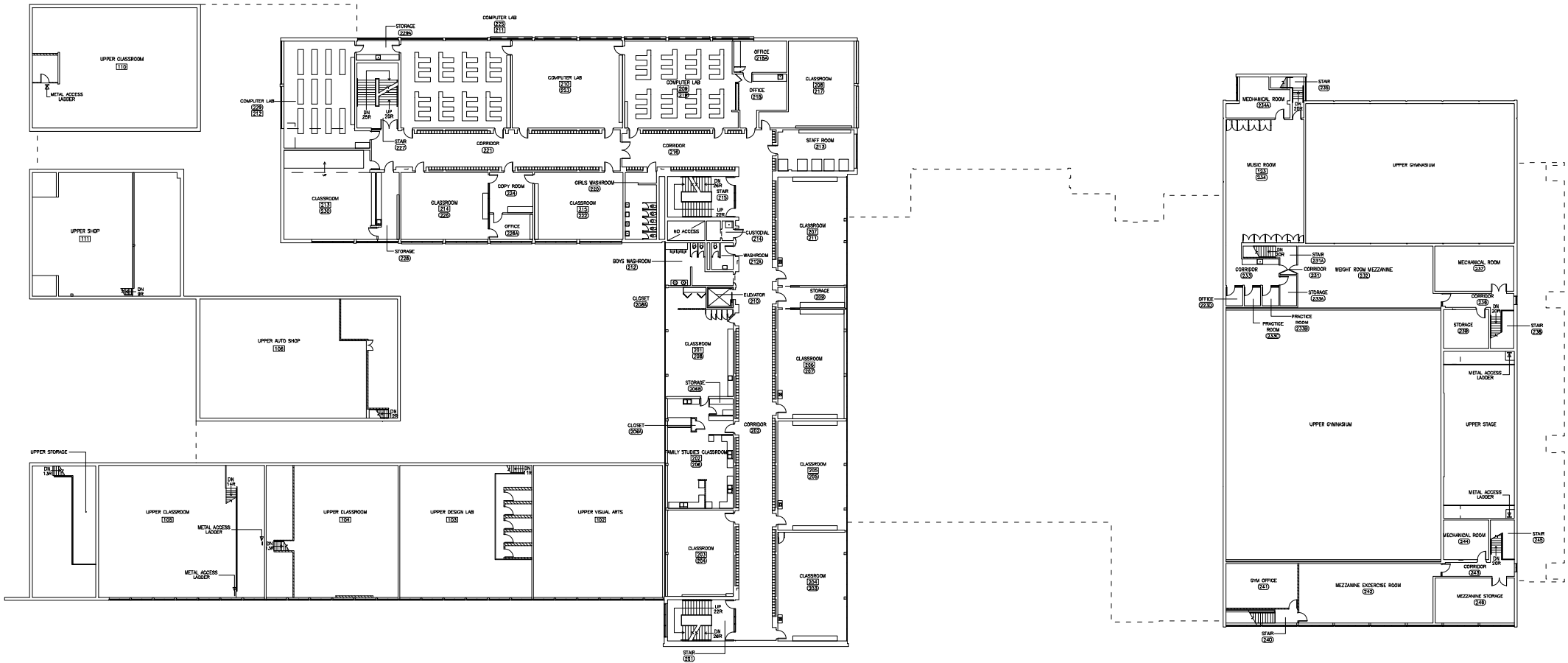


REV	DATE	DESCRIPTION	BY	CHKD
E.L. CROSSLEY SECONDARY SCHOOL 350 Hwy. #20, Fonthill, Ont.				
TITLE FIRST FLOOR PLAN ARCHITECTURAL				
SCALE	1/16" = 1'-0"	DRAWN BY: JZOUJAS DATE: OCT 96	CHKD BY: JD DATE: OCT 96	APPROVED BY: JD DATE: OCT 96
CONTRACT No.	212	DWG No.	A1	REV

ARCHITECTURAL LEGEND

12 ARCHITECTURAL ROOM NUMBER

12 PLANT AREA NUMBER



2015

REVISION SHEET - JULY 2015  
THIS SHEET IS PART OF THE PROJECT AND HAS BEEN UPDATED WITH THE LATEST DATA COLLECTED  
BY THE DISTRICT SCHOOL BOARD OF NIAGARA  
FOR THE PROJECT OF DISTRICT SCHOOL BOARD OF NIAGARA TO DEMONSTRATE TECHNOLOGICAL  
AND TECHNICAL ASPECTS OF THE PROJECT



DISTRICT SCHOOL BOARD  
OF NIAGARA



REV	DATE	DESCRIPTION	BY	CHKD

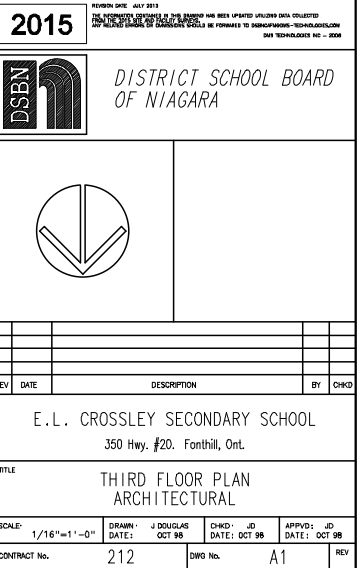
E.L. CROSSLEY SECONDARY SCHOOL  
350 Hwy. #20. Fonthill, Ont.

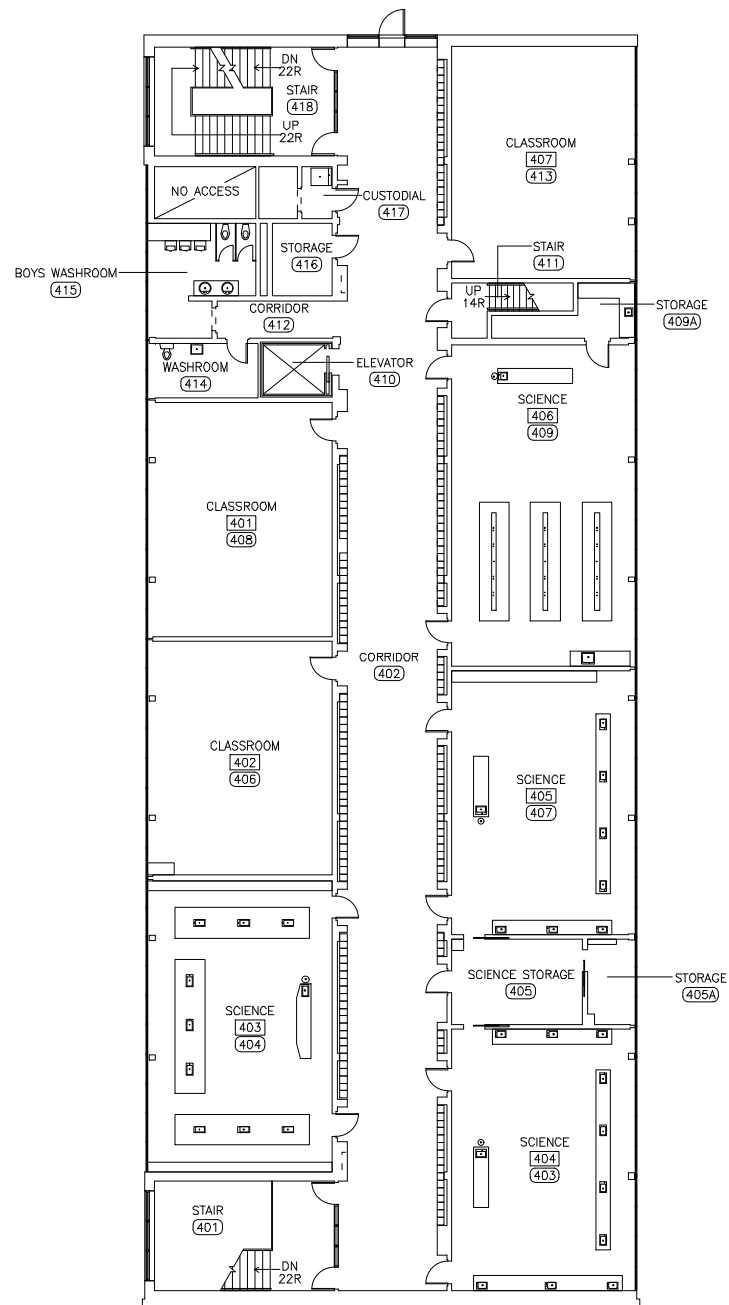
TITLE  
SECOND FLOOR PLAN  
ARCHITECTURAL

SCALE: 1/16"=1'-0"	DRAWN: J. DOUGLAS DATE: OCT 98	CHKD: J.D. DATE: OCT 98	APPROV: J.D. DATE: OCT 98	CONTRACT No. 212	DWG No. A1	REV
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12 ARCHITECTURAL ROOM NUMBER

12 PLANT AREA NUMBER

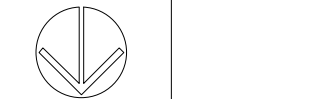




ARCHITECTURAL LEGEND

- (12) ARCHITECTURAL ROOM NUMBER  
(12) PLANT AREA NUMBER

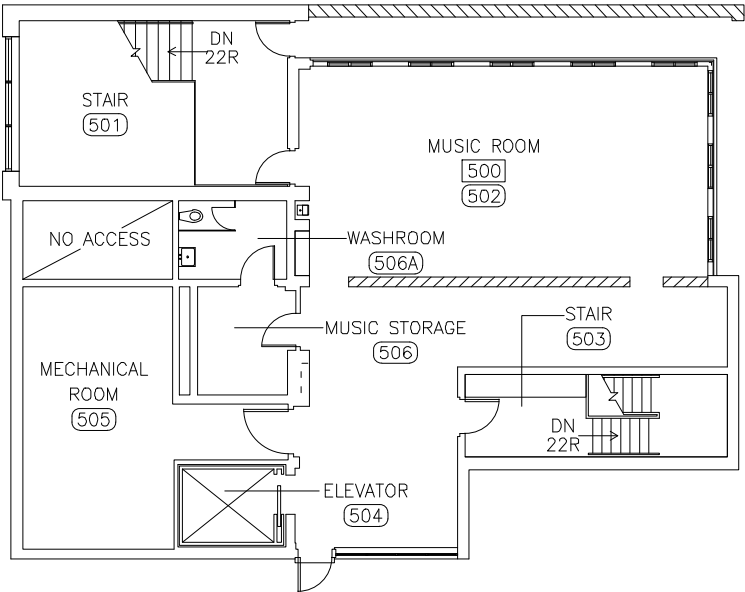
2015  
REVISION DATE: JULY 2015  
THE INFORMATION CONTAINED IN THIS DOCUMENT HAS BEEN OBTAINED FROM THE COLLECTED  
AND IS NOT TO BE USED FOR ANY OTHER PURPOSES WITHOUT THE WRITTEN PERMISSION OF THE DISTRICT SCHOOL BOARD OF NIAGARA  
DSB TECHNOLOGIES INC. - 2008



REV	DATE	DESCRIPTION	BY	CHKD
E.L. CROSSLEY SECONDARY SCHOOL 350 Hwy. #20. Fonthill, Ont.				
TITLE FOURTH FLOOR PLAN ARCHITECTURAL				
SCALE: 1/16" = 1'-0"	DRAWN: JJD/JULAS DATE: OCT 96	CHKD: JD DATE: OCT 96	APPROV: JD DATE: OCT 96	
CONTRACT No.	212	DWG No.	A1	REV

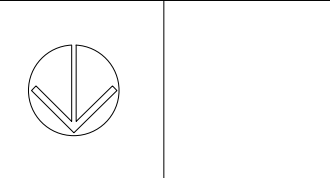
ARCHITECTURAL LEGEND

- (12) ARCHITECTURAL ROOM NUMBER
- (12) PLANT AREA NUMBER



2015

REVISION DATES: JULY 2015  
THE INFORMATION CONTAINED IN THIS DRAWING HAS BEEN UPDATED WITH DATA COLLECTED  
ON 07/15/2015. ANY CHANGES TO THIS DRAWING SHALL BE FORWARDED TO CROWNPLANNING TECHNOLOGIES INC.  
CROWNPLANNING TECHNOLOGIES INC. - 2015



REV	DATE	DESCRIPTION	BY	CHKD
E.L. CROSSLEY SECONDARY SCHOOL 350 Hwy. #20, Fonthill, Ont.				
TITLE FIFTH FLOOR PLAN ARCHITECTURAL				
SCALE: 1/16"=1'-0"	DRAWN: DATE: OCT 98	CHW: DATE: OCT 98	APP'D: DATE: OCT 98	
CONTRACT No.	212	DWG No.	A1	REV