# Fire Safety Plan

### **Niagara University in Ontario**

(Business/Property Name)

# 113,114, & 116-122 Highway 7, West, Vaughan, Ontario L4K 0K4

(Business/Property Address)

This official document is to be kept readily available on site by the building superintendent at all times for use by fire officials in the event of an emergency.

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Position: Vice President Ontario Administration

Date Prepared: January 19, 2019

Updated: July 2, 2020

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Position: Vice President Ontario Administration

Date Reviewed: August 10, 2020

### **Table of Contents**

Topic		Page
Part 1	Introduction:	1
Part 2 (a) Part 2 (b)	Building Resources Audit: Human Resources Audit:	4 9
Part 3	Emergency Procedures — Occupants:	10
Part 4	Emergency Procedures — Supervisors:	12
Part 5	Responsibilities of the Owner/Occupant:	13
Part 6 (a)	Fire Hazards — Commercial:	14
Part 7	Fire Extinguishment/Control/Confinement:	15
Part 8	Alternative Measures:	16
Part 9	Fire Drills:	19
Part 10	Maintenance Requirements of Building Fire And Life Safety Systems:	21
Part 11	Building Schematics:	34
Part 12	Evacuation Route	39

## Part 1 Introduction

The Ontario Fire Code, Division B, Section 2.8 requires the establishment and implementation of a Fire Safety Plan for every building containing a Group A & B occupancies. In addition to the requirements within the Ontario Fire Code, the local fire department under the provisions of the Fire Protection and Prevention Act, 1997 may require the owner to develop and implement a Fire Safety Plan. In accordance with this requirement the NU Fire Safety Plan has been developed for its Ontario site, located at 2904 Highway 7 West, Vaughan, L4K 0K4, classified as a Group "A-2" occupancy – University (school). This commercial space has been constructed in accordance with non-combustible requirements. The implementation of this Fire Safety Plan will help to ensure effective utilization of life safety features to protect people from fire. This official document will be kept readily available at all times for use by staff and fire officials in the event of an emergency. The plan can be found in the following approved location:

- A fire plan box located in the area to the right of the main/front door mounted to the outside wall
- In the administration area in the cabinet located near the copy machine.
- With the Condo Board representing Expo-City Tower 2

This fire safety plan shall be reviewed annually and as often as necessary, to ensure that it takes into account changes in use and other characteristics of the building or management and the Ontario Fire Code, Ontario Regulation 213/07, which is a provincial regulation. This Code requires the owner to be responsible for carrying out the provisions of this Code, and defines "owner" as "any person, firm or corporation controlling the property under consideration".

The Fire Protection and Prevention Act Part VII, Section 28 states that in the case of an offence for a contravention of the Ontario Fire Code, a corporation is liable for a fine of not more than \$100,000 and an individual is liable for a fine of not more than \$50,000 or to imprisonment for a term of not more than one year, or both.

In addition to the Fire Safety Plan, Niagara University will maintain a copy of the Ontario Fire Code and the Fire Protection and Prevention Act (purchased from the Government of Ontario Book Store at 880 Bay Street, Toronto M7A 1NB, or accessed on the following web sites:

- <a href="http://www.e-laws.gov.on.ca/index.html">http://www.e-laws.gov.on.ca/index.html</a>
- <a href="http://www.ofm.gov.on.ca/english/Legislation/firecode/Default.asp">http://www.ofm.gov.on.ca/english/Legislation/firecode/Default.asp</a>

#### **General Site Information**

Site Area: 12,330 sq. ft.

Construction Date: 2018, non-combustible

#### **DEFINITIONS**

The following definitions have been copied from Division A, Section 1.4 of the Ontario Fire Code to assist you in understanding the meaning of these words and phrases where they are used in this guideline and in the regulation. The definitions are intended to help people understand their meaning in the context of the regulation.

Approved: means Approved by the Chief Fire Official.

**Building:** means any structure used or intended for supporting or sheltering any use or occupancy.

**Check:** means visual observation to ensure the device or system is in place and is not obviously damaged or obstructed.

**Chief Fire Official:** means the assistant to the Fire Marshal who is the Municipal Fire Chief or a member or members of the fire department appointed by the Municipal Fire Chief under Article 1.1.1.2. of Division C or a person appointed by the Fire Marshal under Article 1.1.1.1. of Division C.

**Combustible Liquid:** means any liquid having a flash point at or above 37.8° C and below 93.3°C.

**Flammable Liquid:** means a liquid having a flash point below 37.8° C and having a vapour pressure not more than 275.8 kPa (absolute) at 37.8° C as determined by ASTM D 323, "Vapor Pressure of Petroleum Products (Reid Method)".

*Inspect:* means physical examination to determine that the device or system will apparently perform in accordance with its intended function.

**Owner:** means any person, firm or corporation having control over any portion of the building or property under consideration and includes the persons in the building or property.

**Supervisory Staff:** means those occupants of a building who have some delegated responsibility for the fire safety of other occupants under the Fire Safety Plan and may include the fire department where the fire department agrees to accept these responsibilities.

**Test:** means the operation of a device or system to ensure that it will perform in accordance with its intended operation or function.

# Part 2(a) Audit of Building

### Occupancy

Number of Employees:	10
Occupant Load:	250 persons
Number of Buildings on the property:	1

### General

Type of Building:	A-2, Classrooms and overall
Building Use:	University
Building size by area:	12,330 sq. ft
Nature of building construction:	Non-combustible
# of storeys, including basements:	Single Storey, street level
Exits:	Front and rear main doors (signage)
	Emergency regress – push paddle located in
	outer perimeter classrooms, student lounge,
	and administration area
Elevators:	No
Proper Signage:	Yes
Locations:	Throughout Building

### **Hazardous Materials**

Are there hazardous materials onsite?	Yes
Types:	Cleaning Materials
Location(s):	Janitor's Closet, Room 115 (labelled), across
	from sprinkler closet (labelled), right of the
	family washroom (labelled)

**Sprinkler/Fire Extinguishers/Hydrants** 

Is there a sprinkler system?	Yes
Туре	D - Wet
Sprinkler shut-off location:	Sprinkler Closet (labeled) – adjacent to
	inclusive washroom (labeled) and across from
	Janitor Closet (labeled).
Fire extinguishers onsite?	Yes
Type(s):	Portable
Locations:	All classrooms
Fire standpipe system:	Yes
Locations:	Left of Janitor's closet (labeled) and across
	from sprinkler closet (labeled)
Nearest Municipal Hydrant Location:	Within 20 Feet of Main Entrance of Building

### **Utilities**

Heating	boiler heated water
Main Gas Shut-off:	No gas to these units
Main Electrical Shut-off Location:	located in electrical/data room 115 (labelled)
Photovoltaic System Battery Location:	
Photovoltaic System Invertor Location:	
Main Domestic Water Shut-off Location:	In ceiling outside of janitor's closet (labeled)

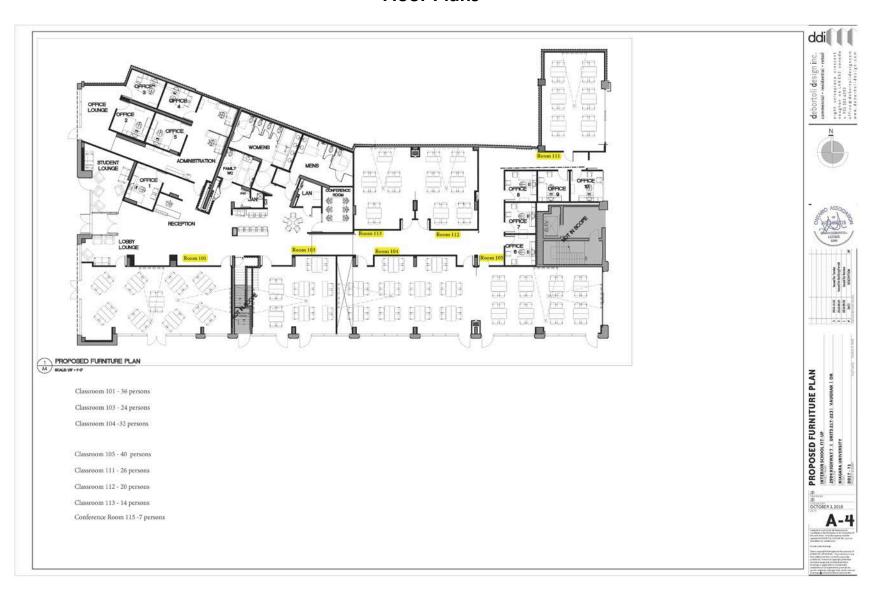
### **Access Information**

Lock Box	Yes
Locations	Main front entrance
Is there a fire vehicle access route, including principal F.D. response entrance?	Yes
Location:	Main lobby Entrance rear of building connecting Expo Towers 1&2 accessed via Maplecrete Road
Keys to premises available?	Yes
Location:	With concierge
Type:	Master to all doors
Fire Department Lockbox:	Yes
Location(s):	Located inside main entrance on Maplecrete Rd.

### **Monitoring Information**

Fire Alarm system:	Yes
Location of fire alarm panel:	Main panel for Tower 2 accessed through
	lobby connecting Expo Towers 1 & 2
Emergency Lighting?	Yes
Location(s):	Throughout location
Emergency Power?	Yes
Туре:	Battery
Location:	Local temporary power in data/electric closet
Transfer Switch Location:	Data/Electrical Closet
Equipment Powered by Generator:	Internet and key swipes

### **Floor Plans**



## Vaughan Site Room sizes and capacities

Room			Capacity
Number	Room Size (sf)	Designation	Seating
101	1097	Classroom	40
103	646	Classroom	24
104	1091	Classroom	40
105	892	Classroom	36
111	601	Classroom	28
112	515.5	Classroom	20
113	515.5	Classroom	20
114	141.31	Meeting Room	7
			215

# Part 2(b) Audit of Human Resources

Business/Building Name:	Niagara University in Ontario
Unit No.	113, 114, & 116-122
Address:	2904 Highway 7, West, Vaughan, Ontario
Postal Code:	L4K 0K4
Business Phone Number(s):	(416) 533-9037

### Call List

Niagara University Campus Safety	(716) 286-8111
Vice President Ontario Administration	(716) 245-1533 (Cell)
Senior Vice President for Operations	(716) 286-8354 (Office)
& Finance	
Dean, College of Education	(716) 286-8549 (Office)

Employee	John Barker
Title:	Director of Campus Safety
Phone No.	(716) 286-8111
Employee	Vince Rinaldo
Title:	Vice President Ontario Administration
Phone No.	(716) 245-1533
Employee	Mary Borgognoni
Title:	Senior Vice President for Operations & Finance
Phone No.	(716) 286-8354 (Office)
Employee	Chandra Foote
Title:	Dean, College of Education
Phone No.	(716) 286-8549 (Office)

### **After Hour Contacts (24-hour telephone numbers)**

Employee/Title:	Campus Safety
Phone No.	(716) 286-8111

# Part 3 Emergency Procedures - Occupants

#### In Event of Fire,

- Remain Calm;
- If not already activated, activate the building fire alarm using pull station to notify all building occupants;
- (University Representative) Call Campus Safety;
- Leave building through nearest exit and report to safe area located in the Riviera Parking Lot, by the Parking Meter nearest Hwy 7.
- Know the location of fire extinguishers, fire exits, and alarm systems in your area
- Evacuate all rooms, closing all doors to confine the fire and reduce oxygen. <u>DO NOT LOCK DOORS</u>
- When the building fire alarm is sounded, walk quickly to the nearest marked exit and alert others to do the same. If door is hot, do not open look for alternate exit
- Assist people with special needs to exit the building. University personnel may also
  assist with the evacuation of people with special needs. There could be times, individuals
  with special needs could be led to the nearest exit, away from the problem area
- Once outside, move to a designated assembly area, located in the Riviera Parking Lot, by the Parking Meter nearest Hwy 7, at least 500 feet away from the affected building.
   Keep streets, fire lanes, hydrants, and walkways clear for emergency vehicles and crews
- Follow directions given by emergency personnel
- An Incident Command Post (ICP) may be set up near the emergency site. Keep "clear" of the ICP unless you are requested to enter the area
- Do not return to evacuated building until the "all-clear" is given by emergency personnel
- If you become "trapped" in a building during a fire and a window is available, place an article of clothing (shirt, coat, etc.) outside the window as a marker for emergency personnel.
- If possible, placed a soaked piece of clothing at the bottom of the door to prevent smoke from entering the room, if there is no window, stay close to the floor, where the air is less toxic. Shout at regular intervals to alert emergency personnel of your location.

#### In the Event the Fire Alarm Sounds.

- Remain Calm;
- If not already activated, activate the building fire alarm using pull station to notify all building occupants;
- (University Representative) Call Campus Safety;
- Leave building through nearest exit and report to safe area located in the Riviera Parking Lot, by the Parking Meter nearest Hwy 7.

#### **Related Duties**

#### In General:

- Keep hallways and exits, inside and outside, clear of any obstruction;
- Do not permit combustible materials to accumulate in quantities or locations that would constitute a fire hazard;
- Promptly remove all combustible waste from areas where waste is placed for disposal, if applicable;
- Keep access fire routes and fire connections clear and accessible for fire department use;
- Maintain the fire protection equipment in good operating condition at all times;
- Participate in fire drills. Occupants' participation should be encouraged;
- Have a working knowledge of the building fire and life safety systems;
- Ensure the building fire and life safety systems are in operating condition;
- Arrange for a substitute in your absence;
- Comply with the Ontario Fire Code;
- In the event of any shutdown of fire and life safety systems, notify Vaughan Fire and Emergency Services and initiate alternative measures.

# Part 4 Emergency Procedures – Supervisory Staff

### In Event of Fire,

- Remain Calm;
- If not already activated, activate the building fire alarm using pull station to notify all building occupants;
- Notify University Representative who will Call Campus Safety;
- Leave building through nearest exit and report to safe area located in the Riviera Parking Lot, by the Parking Meter nearest Hwy 7.
- Know the location of fire extinguishers, fire exits, and alarm systems in your area
- Evacuate all rooms, closing all doors to confine the fire and reduce oxygen. <u>DO NOT</u> LOCK DOORS
- When the building fire alarm is sounded, walk quickly to the nearest marked exit and alert others to do the same. If door is hot, do not open look for alternate exit
- Assist people with special needs to exit the building.
- Once outside, move to a designated assembly area, located in the Riviera Parking Lot, by the Parking Meter nearest Hwy 7, at least 500 feet away from the affected building.
   Keep streets, fire lanes, hydrants, and walkways clear for emergency vehicles and crews
- If designated as emergency personnel, provide directions to evacuees and proceed to Incident Command Post (ICP).
- If not designated as emergency personnel, follow directions given by emergency personnel
- Do not return to evacuated building until the "all-clear" is given by emergency personnel

### **Emergency Responsibilities- Supervisory Staff**

For the emergency response portion of the Fire Safety Plan to be effectively implemented, all staff/employees must understand the important role they play in promoting fire safety in the workplace. Everyone must adhere to the workplace fire safety practices and procedures. Orientation training (when hired) shall be performed (and recorded) for all employees and should include fire safety instructions on:

- what to do upon discovery of fire Call 911
- what to do upon hearing an alarm of fire/evacuation notification
- how to prevent or minimize fire hazards in the workplace

# Part 5 Responsibilities of the Owner / Occupant

### Owner/Manager Responsibilities for Fire Safety

- Ensure the Fire Safety Plan is developed, approved and fully implemented.
- Establishment of emergency procedures to be followed at the time of an emergency.
- Appoint, organize and train emergency supervisory staff to carry out fire safety duties and emergency procedures.
- Ensure a sufficient number of assistants are designated and trained to act in a supervisory capacity in the event that the appointed emergency supervisory staff are absent from the building/site.
- Ensure that fire drills involving all supervisory staff are held in accordance with the Fire Code, which requires three (3) per semester for a school as defined in the Act.
- Retain a log of all fire drills.
- Ensure that fire hazards are identified and eliminated or controlled.
- Provide alternate measures for fire safety during the temporary shutdown of fire protection equipment or systems.
- Have the necessary checks, tests, inspections and maintenance of fire protection equipment completed as required by the Fire Code.
- Keep permanent records of all tests and corrective measures for a period of at least two years.
- Keep adequate records of training and fire drills for a period of at least one-year or more if owner so decides.
- Notification of the Chief Fire Official regarding changes in the fire safety plan.
- Instruction of supervisory staff and other occupants so that they are aware of their responsibilities for fire safety.
- Maintenance of building facilities provided for safety of the occupants.
- Be in complete charge of the approved fire safety plan and specific responsibilities of personnel.
- Educate and train (document training) all building personnel in the use of the existing fire safety equipment, and in the actions to be taken under the approved fire safety plan.

# Part 6(a) Fire Hazards

Programs offered by Niagara University, on this site do not require the use of labs or hazardous/combustible chemicals/materials. Nonetheless, Niagara University is committed to a high standard of housekeeping and building maintenance including but not restricted to the following:

- The safe storage of flammable liquids in approved areas;
- Regularly maintain fire and smoke monitoring devices for proper operation;
- Ensure all electrical wiring and appliances comply with Ontario Electrical Safety Code (OESC);
- In accordance with University policy, maintain a smoke-free campus;

### In general occupants will:

- Know how to alarm occupants of Niagara University site in case of fire;
- Know where exits and fire alarms are located;
- Call Vaughan Fire & Emergency Services immediately (9-1-1) whenever assistance is needed;
- Know the correct address of the building;
- Notify Niagara University supervisory staff and instructors if special assistance is required in the event of an emergency;
- Know the fire alarm signals and the procedures established to implement safe evacuation;
- Know the supervisory staff for Niagara University;
- Report any fire hazard to Niagara University supervisory staff;

# Part 7 Fire Extinguishment, Control or Confinement

In the event a small fire cannot be extinguished with the use of a portable fire extinguisher or the smoke presents a hazard for the operator, the door to the area should be closed to confine and contain the fire. Leave the fire area. Ensure that the Fire Alarm System has been activated and that Vaughan Fire and Emergency Services has been notified prior to an attempt to extinguish the fire. Only those persons who are trained and familiar with extinguisher operation should attempt to fight the fire.

### **Suggested Operation of Portable Fire Extinguishers**

Remember the (PASS)

- P Pull the safety pin
- A Aim the nozzle
- S Squeeze the trigger handle
- S Sweep from side to side (watch for fire restarting)

Never re-hang extinguishers after use. Ensure they are properly recharged by a person that is qualified to service portable fire extinguishers.

Keep extinguishers in a visible area without obstructions around them.

# Part 8 Alternative Measures for Occupant Safety

In the event of any shut-down of fire protection equipment systems or part thereof, in excess of 24 hours, the fire department shall be notified in writing. Occupants will be notified and instructions will be posted as to alternative provisions or actions to be taken in case of emergency. These provisions and actions must be acceptable to the Chief Fire Official.

All attempts to minimize the impact of malfunctioning equipment will be initiated. Where portions of a sprinkler or fire alarm system are placed out of service, service to remaining portions must be maintained, and where necessary, the use of watchmen, bull-horns, walkie talkies, etc. will be employed to notify concerned parties of emergencies. Assistance and direction for specific situations will be sought from Vaughan Fire & Emergency Services.

Procedures to be followed in the event of shutdown of any part of a fire protection system are as follows:

- I. Notify Vaughan Fire & Emergency Services, dial: (905) 832-8506 (DO NOT USE 911). Give your name, address and a description of the problem and when you expect it to be corrected. Vaughan Fire & Emergency Services is to be notified in writing of shutdowns longer than 24 hours.
- 2. Have staff of other reliable person(s) patrol the affected area(s) at least once every hour when classes are in session.
- 4. Notify Vaughan Fire & Emergency Service and the building occupants when repairs have been completed and systems are operational.

Note: All shutdowns will be confined to as limited an area and duration as possible.

### **Training the Supervisory Staff**

All identified supervisory staff shall be supplied with a copy of the fire safety plan and are required to become familiar with its contents. Training of the identified supervisory staff shall be done annually and will be documented.

All identified supervisory staff are to be shown:

- How to reset the fire alarm system (An activated system must not be reset until authorized by a fire department officer);
- How to activate the emergency procedures

- The location of keys to provide access to all locked areas and the location of extinguishers, and all fire related protection equipment
- How to use the first aid fire-fighting equipment installed within the building

### **Training of the Staff/Occupants**

All new staff/occupants shall be trained in the actions that shall be taken in the event of a fire emergency. Orientation training for all staff shall include fire safety instructions on:

- What to do upon discovery of fire
- What to do upon hearing an alarm of fire, where to go (meeting place etc.)
- How to prevent or minimize fire hazards in the workplace

Temporary staff shall be trained in the actions that shall be taken in the event of a fire emergency. Orientation training for all temporary staff shall include fire safety instructions as per new staff, above.

### **Training Records**

Detailed training records of all employees' shall be kept, including temporary staff. All staff shall be provided make-up Fire Safety training in the event of a missed training session. The owner upon request shall be able to provide information to the Chief Fire Official that verifies the quality and quantity of all staff training.

#### **Fire Protection Measures**

The following are descriptions of fire protection measures which are present in this location:

#### **Fire Alarm Systems**

The purpose of a fire alarm systems is to alert all occupants of the building that an emergency of fire exists, so that such occupants may put into practice the measures required by the fire safety plan.

- All fire alarm systems shall be maintained in full operation condition at all times.
- A single stage system sounds a general alarm throughout the facility that may require total evacuation of the building. Operation of the fire alarm is activated by a manual pull station, heat detector, smoke detector, or a sprinkler head.

#### **Exits**

An exit is that part of a means of egress that leads from the floor area it serves to a public thoroughfare or to an approved open space. Walls, floors, doors or other means provide a protected path necessary for occupants to proceed with reasonable safety to a place of refuge. Vertical shafts accessed from above or below grade are protected from the remainder of the building provided the doors leading to the shaft are kept closed.

#### **Fire Department Access**

Fire department access allows fire fighters and their equipment to gain access to the building. Vehicles parked in a fire route, excessive vegetation, snow and other forms of obstructions to

access routes, fire hydrants and fire department connections are not permitted by the Fire Code. Maintaining fire department access is an ongoing matter. In addition, access into a building requires consideration (ie: with a key box, through preplanning, etc.).

### **Portable Extinguishers**

Portable extinguishers are intended as first aid measure to cope with fires of limited size. The basic types of fire classes are: A (wood/paper), B (flammable liquids) and C (electrical). Portable extinguishers are rated for the corresponding classes of fire.

### **Emergency Lighting**

Emergency lighting ensures that exits, corridors and principal routes providing access to exits are illuminated in the event of loss of power.

## Part 9 Fire Drills

The actions to be taken by staff in the event of a fire is crucial, therefore practising fire drills must become an integral part of a facility's preparedness.

The purpose of a fire drill is to ensure that staff are familiar with the building's overall evacuation procedures. Therefore, the owners and managers must be aware of the benefits of holding fire drills which involve all staff/employees/students/occupants. To maximize the benefits of these fire drills, they will be scheduled and rotated in such a way all staff/employees/students/occupants have an opportunity to participate.

Supervisory staff must be instructed in the fire emergency procedures that are described in the Fire Safety Plan before they are given any responsibility for fire safety. A copy of the fire emergency procedures and other duties outlined in the Fire Safety Plan must be given to all supervisory staff.

Staff should receive training in the safe use of portable fire extinguishers and other fire safety equipment. This may include instructions on how to activate and reset the fire alarm system where appropriate. Staff must be instructed to react quickly to a fire emergency. At the same time, personal safety must be promoted.

It is very important that all staff with specific responsibilities attend a debriefing meeting following every practise fire drill. This meeting will be held to review the procedures and reactions of all participants. During the debriefing, problem areas can be identified and, if necessary, solutions to overcome any deficiencies in the facility's Fire Safety Plan can be discussed and corrected. The fire department must be made aware of and approve any changes to the Fire Safety Plan.

The fire department administration shall be notified prior to the fire drill and immediately after completion and resetting the fire alarm.

To promote effective drills Niagara University will provide training to staff and students, so that they understand the procedures they are expected to follow in an emergency. As part of its plan, it will identify the need for assistance to be provided to individuals who require assistance in evacuating (mobility/sight/hearing disabilities). It will also conduct a mix of pre-announced and surprise fire drills. Further, Niagara will identify staff will practice using fire-fighting and related safety equipment to enhance their personal safety and response to a fire emergency?

The date and time of all fire drills, as well as the names of participating staff, will be recorded in a permanent log book.

For this site, the Fire Code requires that fire drills be conducted three times each semester (Fall/Spring/Summer) and records will be retained for a period of one year.

### **FIRE DRILL RECORD**

Date:	Time:
Manager/Supervisor On-Duty:	
5 · · · · · · · · · · · · · · · · · · ·	
Staff Present:	
Deficiencies Noted:	
General Comments:	

# Part 10 Maintenance Requirements of the Ontario Fire Code

Portions of the Fire Code which require that **checks**, **inspections** and/or **tests** be made of equipment and facilities from time to time. The building owner(s)/manager shall ensure that all fire protection features and equipment, such as fire separations, smoke control equipment, emergency lighting, fire alarm systems, automatic sprinkler systems, standpipe systems, fire extinguishers, fixed extinguishing systems, voice communication systems, emergency generators are checked, tested, inspected and maintained in accordance with the frequencies specified in Division B, Part's 2, 6 and 7 of the Fire Code and all applicable standards referenced in the Fire Code.

- Annual Inspections are conducted by Cortel Group Reports are provided upon request
- When using in-house personnel to conduct some of the checks, inspections and tests,
   Niagara University will ensure they are fully trained and qualified to carry out the activity;
- Where required, the **checks**, **inspections** and **tests** shall be performed by qualified technicians.
- When conducting their inspections, Fire Department/fire prevention officers may check to ensure that the necessary **checks**, **inspections** and/or **tests** are being done.
- Niagara University will maintain for a period of two years after they are made, records of all fire equipment tests and maintenance as set out in Division B, Part 1, Sub-Section 1.1.2. of the Fire Code. Records of **tests** and corrective measures or operational procedures.
- Records shall be retained at the building premises for examination by the Chief Fire Official.
- Records of **tests** and corrective measures or operational procedures shall be retained so that at least the current and the immediately preceding reports are available.

#### Check / test/inspect requirements of the Ontario Fire Code:

 Included below is a list of the portions of the Fire Code that requires checks, inspections and/ or tests to be conducted of the facilities. Niagara University in Ontario will perform or have performed the necessary checks, inspections and/ or tests in accordance with its Fire Safety Plan.

Definitions for key words are as follows:

Check means visual observation to ensure the device or system is in place and is not obviously damaged or obstructed

Test means the operation of a device or system to ensure that it will perform in

accordance with its intended operation or function

Inspect means physical examination to determine that the device or system will apparently perform in accordance with its intended function

In accordance with the requirements of the Fire Code records of all tests and corrective measures will be retained for a period of two years after they are made.

## **General Fire Protection Systems/Equipment**

General		<del>-</del>	N	otes
Doors in fire separations shall				
be <b>checked</b> as frequently as				
necessary to ensure that they				
remain closed				
Exit signs shall be clearly visi ble				
and maintained in a clean and				
legible condition.				
Internally illuminated exit signs				
shall be kept clearly illu minated				
at all times, when the building is				
occu pied.				
	Inspection	Cond	ition	Notes
	Date		T	
Yearly				
Fire dampers and fire-stop flaps		Pass	Fail	
shall be <b>inspected</b> annually, or				
based on a schedule via				
contractor acceptable to the				
Chief Fire Official				
Disconnect switches for		Pass	Fail	
mechanical air-conditioning and				
ventilating systems shall be				
inspected ann ually to establish				
that the system can be shut				
down				
Spark arresters shall be cleaned		Pass	Fail	
annually or more frequently				
where accumulations of debris				
will adversely affect operations.				
Burnt-out arresters shall be				
repaired or replaced				

 Annual Inspections are conducted by Cortel Group – Reports are provided upon request

## **Portable Fire Extinguishers**

П			
Inspection Date	Cond	ition	Notes
	Pass	Fail	
	Pass	Fail	
	Pass	Fail	
	Pass	Fail	
	Pass	Fail	
	Pass	Fail	
	Inspection	Inspection Date Pass Pass Pass Pass Pass Pass	Pass Fail  Pass Fail  Pass Fail  Pass Fail  Pass Fail  Pass Fail

Every twelve months, pump tank water, and pump tank calcium chloride base antifreeze types of extinguishers shall be recharged with new chemicals or water, as applicable.	Pass	Fail	
5 Years			
Every five years, pressurized water and carbon dioxide fire extinguishers shall be hydrostatically tested and maintained.	Pass	Fail	
Tested 6 Years			
Every six years, stored pressure extinguishers that require a 12-year hydrostatic <b>test</b> shall be emptied and subjected to the applicable maintenance procedures.	Pass	Fail	

## **Fire Alarm Notice Communication Systems**

General			Note	S
Fire alarm and voice communication system				
com ponents shall be kept unobstructed.				
Fire alarm system power supply disconnect				
switches shall be locked on in an approved				
manner.				
Doily				
<b>Daily</b> The following daily checks shall be conducted				
if a fault is established, appropriate				
corrective action shall be taken.				
<ul> <li>Check the principle and remote trouble lights for trouble</li> </ul>				
indication;				
Inspection of the AC power-on light				
shall be done to ensure its normal				
operation.				
	Inspection	Cond	ition	Notes
	Date			
Monthly				
Every month the following <b>tests</b> shall be		Pass	Fail	
conducted and if a fault is established,				
appropriate corrective action shall be taken:				
one manual fire alarm				
initiating device shall be				
operated, on a rotating basis,				
and shall initiate an alarm condition				
<ul> <li>function of all signal devices shall be ensured</li> </ul>				
<ul> <li>the annunciator panel shall</li> </ul>				
be checked to ensure correct				
annunciation				
***************************************				
Yearly				
Yearly <b>tests</b> conducted by a certified alarm		Pass	Fail	
contractor as required by The Ontario Fire				
Code, Section 1.1.5.3. <b>Tests</b> shall be in				
conformance with CAN/ULC S536,				
"Inspection and Testing of Fire Alarm				
Systems"				

 Annual Inspections are conducted by Cortel Group – Reports are provided upon request

### **Smoke Alarms**

General	Inspection Date	Condition		Notes
Ensure dwelling unit smoke alarms are maintained in operating condition.		Pass	Fail	
Ensure a copy of the smoke alarm manufacturer's maintenance instructions or approved alternative has been provided.		Pass	Fail	

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## **Standpipe Systems**

General	Inspection Date	Cond	ition	Notes
Monthly				
Hose cabinets shall be inspected	January	Pass	Fail	
monthly to ensure that the hose and	February	Pass	Fail	
equipment are in the proper position and	March	Pass	Fail	
appear to be operable.	April	Pass	Fail	
	May	Pass	Fail	
	June	Pass	Fail	
	July	Pass	Fail	
	August	Pass	Fail	
	September	Pass	Fail	
	October	Pass	Fail	
	November	Pass	Fail	
	December	Pass	Fail	
Yearly				
Plugs or caps on Fire Department		Pass	Fail	
connections shall be removed annually				
and the threads <b>inspected</b> for wear,				
rust or obstruction. Re-secure plugs or				
caps, wrench tight.				
If plugs or caps are missing, examine the		Pass	Fail	
Fire Department connections for				
obstructions, back flush if necessary, and				
replace plugs or caps.				
Hose valves shall be <b>inspected</b> annually		Pass	Fail	
to ensure that they are tight and that				
there is no water leakage into the hose.				
Standpipe hose shall be removed and re-		Pass	Fail	
racked annually and after use. Any worn				
gaskets in the couplings, at the hose				
valve and at the nozzle shall be replaced.				

• Hoses are no included - provided by the Fire Department

## Sprinkler Systems (Wet)

General		Notes		
Auxiliary drains shall be inspected as				
required to prevent freezing.				
Weekly	Inspection Week	Condit	ion	Notes
Except for electrically supervised valves, all		P/F		
valves controlling water supplies to sprinklers and alarm connections shall be				
checked weekly to ensure that they are				
sealed or locked in the open position.				
Water supply pressure and system air or		P/F		
water supply pressure and system and of water pressure shall be checked weekly by				-
using gauges to ensure that the system is				
maintained at the required operating				
pressure.				
	Inspection Date	Condit	ion	Notes
Monthly				
On all sprinkler systems, an alarm test,	January	Pass	Fail	
using the alarm test connection located at	February	Pass	Fail	
the sprinkler valve, shall be performed monthly.	March	Pass	Fail	
,	April	Pass	Fail	
	May	Pass	Fail	
	June	Pass	Fail	
	July	Pass	Fail	
	August	Pass	Fail	
	September	Pass	Fail	
	October	Pass	Fail	
	November	Pass	Fail	_
	December	Pass	Fail	
Tura Manakha				
Two Months	Inspection Date	Condit		Notes
All transmitters and water flow devices shall be tested at two-month intervals	January	Pass	Fail	-
Silan de cestea de evo month meet vals	March	Pass	Fail	
	May	Pass	Fail	-
	July	Pass	Fail	

	September	Pass	Fail	
	November	Pass	Fail	
Six Months				
Gate-valve supervisory switches and other		Pass	Fail	
sprinkler system supervisory devices shall	January	1 433	l an	
be tested at six-month intervals.				
	July	Pass	Fail	
	July			
Yearly				
•	Inspection Date		ndition	Notes
Exposed sprinkler piping hangers shall be		Pass	Fail	
<b>checked</b> yearly to ensure that they are kept				
in good repair		Door	Fail	
Sprinkler heads shall be <b>checked</b> at least		Pass	Fail	
once per year to ensure that they are kept in good repair.				
•		Docc	Fail	
Sprinkler heads shall be <b>checked</b> at least once per year to ensure that they are free		Pass	raii	
from damage, corrosion, grease, dust,				
paint, or whitewash. They shall be replaced				
where necessary as a result of such				
conditions.				
On wet sprinkler systems, water-flow alarm		Pass	Fail	
test using the most hydraulically remote		1 433	l all	
test connection, shall be				
performed annually.				
Sprinkler system water pressure shall be		Pass	Fail	
tested annually or after any sprinkler		1 333		
system control valve has been operated,				
with the main drain valve fully open, to				
ensure that there are no obstructions or				
deterioration of the main water supply.				
Plugs or caps on Fire Department		Pass	Fail	
connections shall be removed annually and				
the threads inspected of wear, rust or				
obstruction. Re-secure plugs or caps,				
wrench tight. If plugs or caps are missing,				
examine the Fire Department connection				
for obstructions, back flush if necessary and				
replace plugs or caps.				

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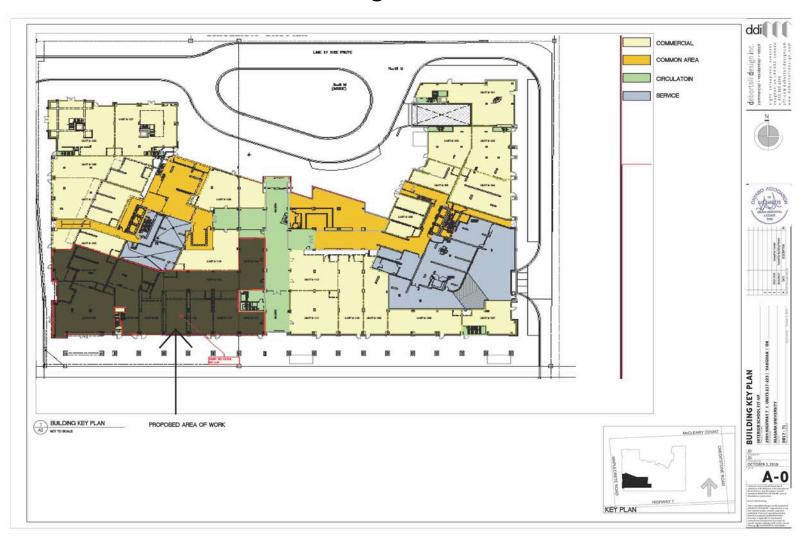
## **Emergency Lighting System**

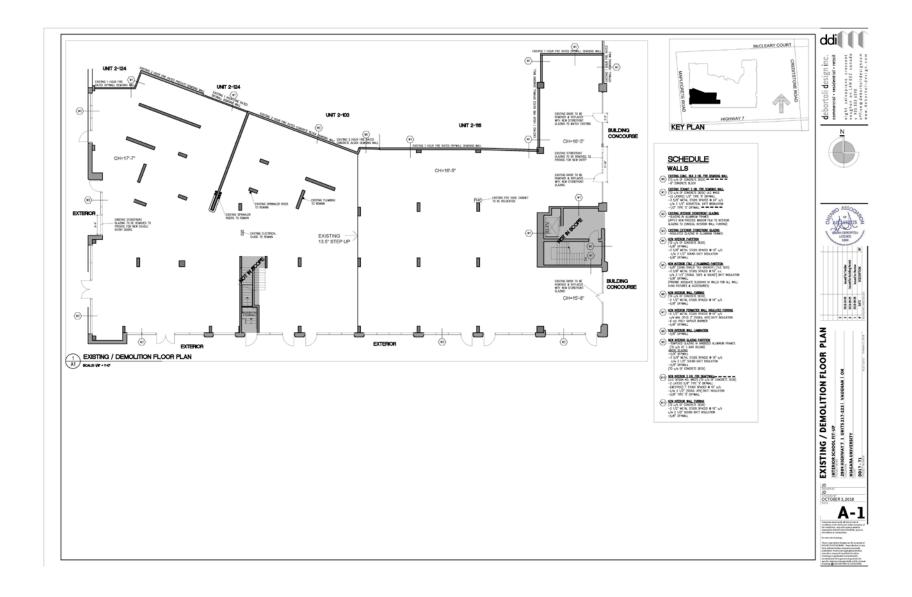
General							
Daily		Notes					
Check pilot lights for indication of proper							
operation.							
Monthly	Inspection Date		Condition				Notes
Electrolyte level and specific gravity shall be	Jan	Jul	Pass	Fail			
inspected monthly and maintained as per	Feb	Aug	Pass	Fail			
manufacturer's specifications.	Mar	Sep	Pass	Fail			
	Apr	Oct	Pass	Fail			
	May	Nov	Pass	Fail			
	Jun	Dec	Pass	Fail			
			1	1	ı		
Ensure that battery surface is clean and dry	Jan	Jul	Pass	Fail			
,	Feb	Aug	Pass	Fail			
	Mar	Sep	Pass	Fail			
	Apr	Oct	Pass	Fail			
	May	Nov	Pass	Fail			
	Jun	Dec	Pass	Fail			
		1 - 55	I		<u> </u>		
Ensure that terminal connections are clean,	Jan	Jul	Pass	Fail			
free of corrosion and lubricated.	Feb	Aug	Pass	Fail			
	Mar	Sep	Pass	Fail			
	Apr	Oct	Pass	Fail			
	May	Nov	Pass	Fail			
	Jun	Dec	Pass	Fail			
			- L		l		
Ensure that the terminal clamps are clean and	Jan	Jul	Pass	Fail			
tight as per manufacturer's specifications.	Feb	Aug	Pass	Fail			
	Mar	Sep	Pass	Fail			
	Apr	Oct	Pass	Fail			
	May	Nov	Pass	Fail			
	Jun	Dec	Pass	Fail			

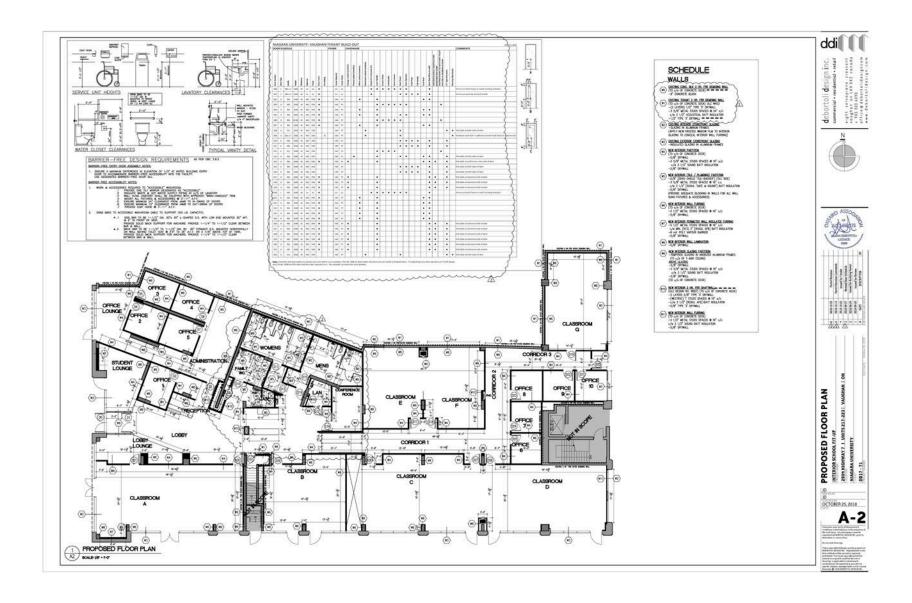
Emergency lighting equipment shall be <b>tested</b> monthly to ensure that the emergency lighting will function upon failure of the primary	Jan Feb Mar	Jul Aug Sep	Pass Pass Pass	Fail Fail	
power supply	Apr	Oct	Pass	Fail	
	May	Nov	Pass	Fail	
	Jun	Dec	Pass	Fail	
			•		
Yearly					
Emergency lighting equipment shall be <b>tested</b> annually to ensure that the units will provide emergency lighting for a duration equal to the design criteria under simulated power failure conditions.			Pass	Fail	
After completion, the charging conditions for voltage and current and the recovery period will be <b>tested</b> annually to ensure that he charging system is in accordance with the manufacturer's specifications.			Pass	Fail	

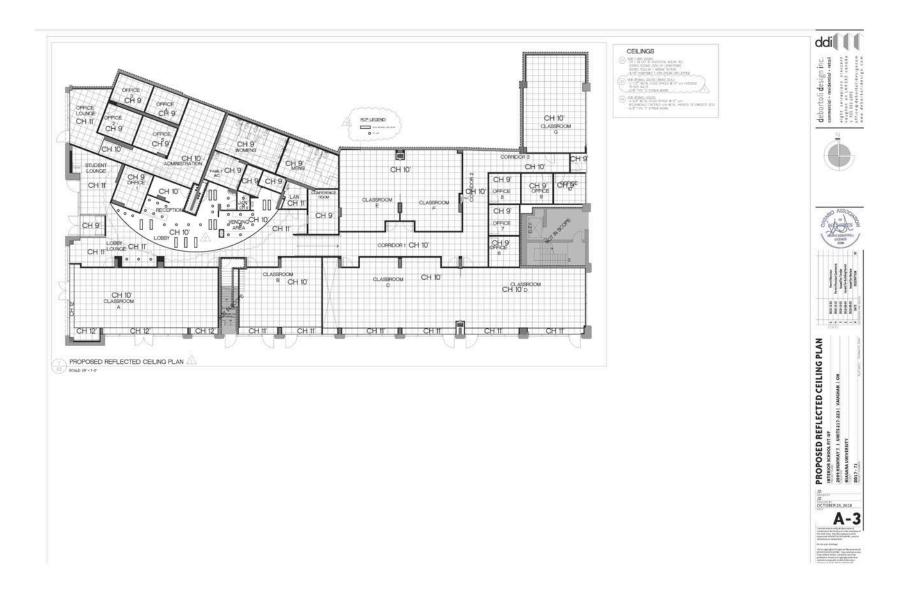
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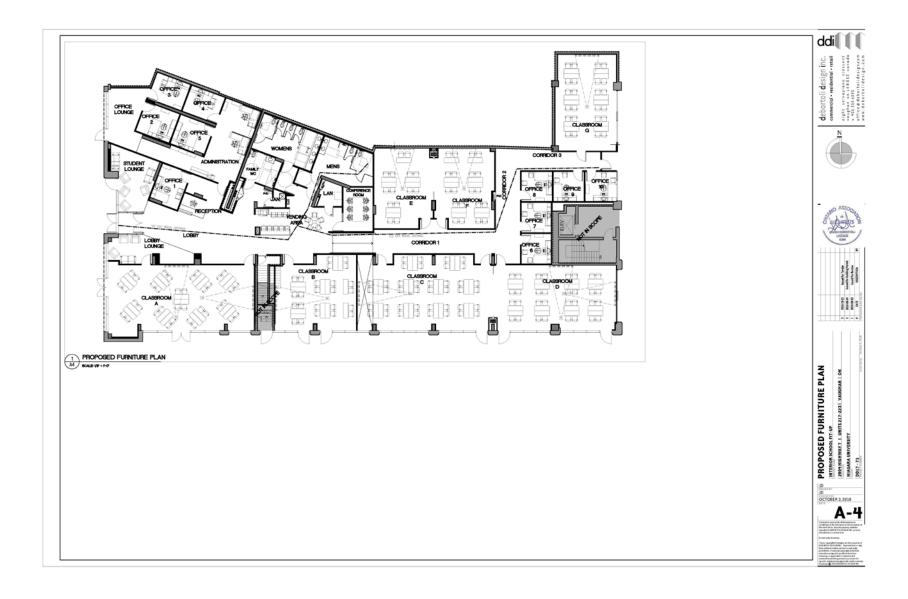
Part 11 Building Schematics

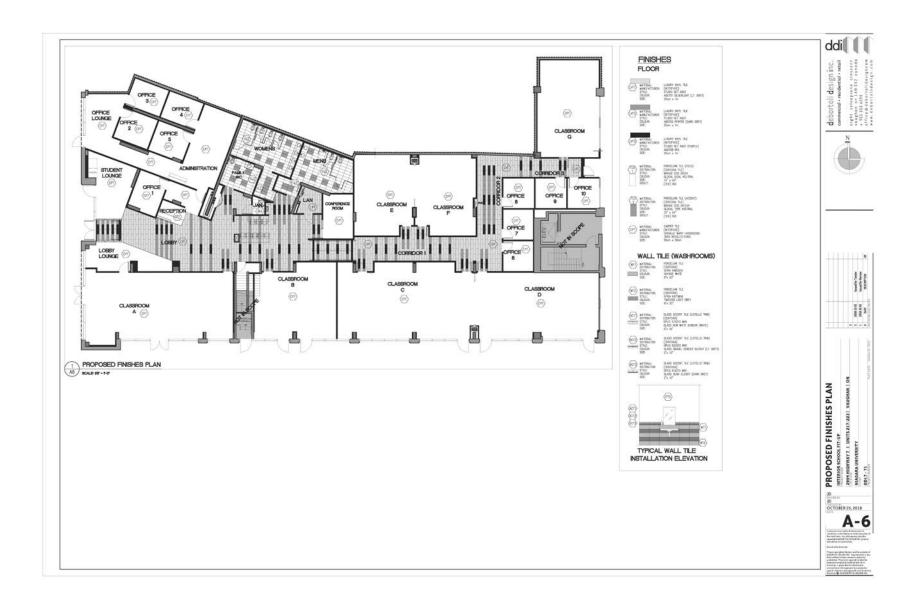




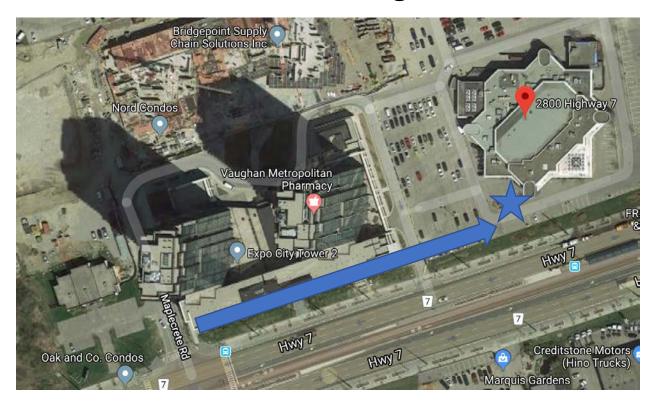








## **Evacuation Diagram**



Calmly exit building and continue on walkway to sidewalk to parking area outside of the Riviera Banquet Centre

**Gathering Zone by entrance to Riviera Banquet Centre** 



**Path to Gathering Zone** 

### Niagara University Fire Safety Procedures January 2020

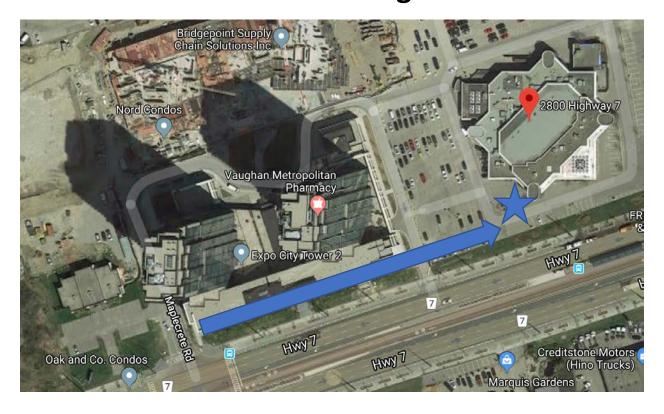
Your first action in the event of a fire should be to activate the building fire alarm and then call Campus Safety (ext. 8111).

- Know the location of fire extinguishers, fire exits and alarm systems in your area.
- Evacuate all rooms, closing all doors to confine the fire and reduce oxygen. DO NOT LOCK DOORS.
- When the building fire alarm is sounded, walk quickly to the nearest marked exit and alert others to do the same. If the door is hot, do not open and look for an alternate exit.
  - O Do not use elevators. Remain calm.
  - O Assist people with special needs to exit the building. Campus Safety staff members may assist with the evacuation of people with special needs. There may be times when people with special needs will be led to the nearest stairway, away from the problem area. In these cases, emergency personnel will be made aware of their location in the building.
- Once you have evacuated the building, move to a designated assembly/staging area at least 500 feet away from the building. Keep streets, fire lanes, hydrants and walkways clear for emergency vehicles and crews.
- Follow the directions given by emergency personnel.
- An Incident Command Post (ICP) might be set up near the emergency site. Keep clear of the ICP unless you are requested to enter the area.
- Do not return to the evacuated building until the "all clear" signal is given by emergency personnel.

If you become trapped in a building during a fire and a window is available, place an article of clothing (shirt, coat, etc.) outside the window as a marker for emergency personnel. If possible, place a soaked piece of clothing at the bottom of the door to prevent smoke from entering the room. If there isn't a window, stay close to the floor where the air is less toxic. Shout at regular intervals to alert emergency personnel of your location.

Campus Safety Ext. 8111 716.286.8111

## **Evacuation Diagram**



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