

Building Emergency Response Plan

Forest Sciences Center

2424 Main Mall, Vancouver, BC

16 May 2025

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UBC Emergency Contacts

Call 9-1-1

POLICE | FIRE | AMBULANCE | HAZARDOUS SPILL

RCMP Non-Emergency: 604-224-1322

Important: When calling 9-1-1, please provide the address of the building you are in or closest to.

For information during a campus emergency, visit www.ubc.ca

BUILDING NAME: Forest Sciences Center

BUILDING ADDRESS: 2424 Main Mall, Vancouver, BC

CAMPUS SECURITY

UBC Campus Security.....604-822-2222

AMS SafeWalk.....604-822-5355

FIRST AID

Medical Emergencies..... 9-1-1, then call First Aid

UBC Faculty, Staff, and Student-staff.....604-822-4444

UBC Students and Visitors..... 604-822-2222

Locate the closest defibrillator.....srs.ubc.ca/defibrillators

SAFETY

Safety & Risk Services (SRS).....604-822-2029

Biological & Radiation Safety.....604-822-9527

Chemical Safety604-827-3409

Emergency Management604-822-1237

UBC Equity & Inclusion.....604-827-1773

UBC Counselling Services.....604-822-3811

UBC Student Health604-822-7011

AMS Sexual Assault Support Centre.....604-827-5180

Sexual Violence Prevention & Response (SVPRO).....604-822-1588

Report an Accident or Incident.....www.cairs.ubc.ca

FOR MORE INFORMATION

Safety & Risk Services
srs.ubc.ca

604-822-2029

Download the
UBC Safe Vancouver App



srs.ubc.ca/ubcsafe





1.0 Document Overview

2.1 Purpose

The Building Emergency Response Plan details procedures to follow for various emergencies as well as instructions on how to conduct and document fire drills. This template is designed to help units become familiar with their building, evacuation routes, and emergency procedures. The Building Emergency Response Plan has been designed and produced for distribution to all building occupants.

2.1 Objectives

The objectives of the Building Emergency Response Plan (BERP) are:

1. To ensure the safety of the building occupants through:

Fire Prevention

To reduce and prevent the incidence of fire by controlling fire hazards in the building and by maintaining the building facilities (see pages 4-5 “Responsibilities” for both the Building Emergency Director and the Building Floor Warden responsibilities);

And,

Emergency Evacuation

To establish a systematic method of safe and orderly evacuation of an area or building, in case of fire, bomb threat, earthquake, explosions, fires, gas leaks, or release of hazardous materials

2. To provide procedures for responding to and reporting an emergency.
3. To assist with recruiting and training of Building Emergency Directors and Building Floor Wardens.

2.2 Instructions

Complete the BERP template by filling out the yellow highlighted sections.

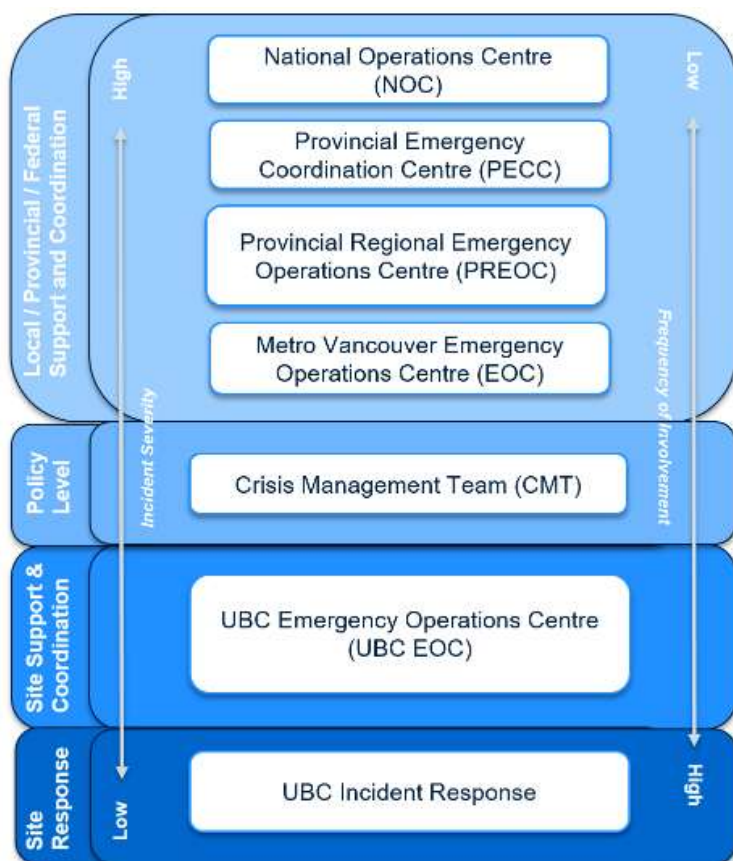
2.3 Submitting the Completed BERP

Upon completion of the BERP, the Building Emergency Director is to email a copy of the BERP to safety.risk@ubc.ca with any completed individualized evacuation plans removed.



2.0 Emergency Management Plan and Alerts

The Emergency Management Plan (EMP) provides the University of British Columbia Vancouver (UBC-V) campus with a management framework to prepare, respond and recover from emergencies affecting the entire UBC-V community. The EMP incorporates as its foundation for response, the British Columbia Emergency Management System (BCEMS) as seen in Figure 1.



UBC Vancouver's emergency response structure is divided into three levels—Site Response, and Site Support and Coordination, and Policy Level (governance and oversight). During any incident, communication flows both up and down the structure.

To respond to an emergency at the site level, Building Emergency Directors, Building Floor Wardens, Safety & Risk Services, First Responders and other resources work together. The Building Emergency Response Plan (BERP) details site response procedures for various emergencies.

Figure 1: BC Emergency Management System Response Structure

For further information, read the Emergency Management Plan on the [SRS website](#).

How to receive UBC Alerts

1. UBC Alert

Update your contact information on [Workday](#) (for students, staff and faculty) to ensure you receive the latest information in urgent situations through UBC Alert. Click [here](#) for further information.

2. UBC Safe Vancouver App

[Download the UBC Safe Vancouver App](#) for direct access to campus safety resources and **turn on push notifications to receive timely alerts and notifications.**

3. Monitor www.ubc.ca for information and updates



3.0 Responsibilities

3.1 Building Emergency Director

The Building Emergency Director is the administrative lead for this plan and acts as the liaison with the responding emergency services in the event of a building emergency. A Building Emergency Director is required in every UBC Building. Having one (1) alternate is required; however, having two (2) alternates is recommended.

The Building Emergency Director is responsible for:

- Preparing, maintaining and distributing the BERP annually or whenever there is a significant change in the building (eg. renovation) to building occupants
- Emailing a copy of the completed BERP to safety.risk@ubc.ca with any completed individualized evacuation plans removed
- Organizing and documenting annual building fire drills using the table provided in section 17.3
- Ensuring each floor has enough floor wardens to assist with evacuation of the building and maintaining a list of floor wardens
- Completing the [Floor Warden Training](#)
- Ensuring floor wardens have completed the [Floor Warden Training](#)
- Collaborating with building occupants, their managers and Centre for Workplace Accessibility to complete Individualized Evacuation Plans as needed.
- Being familiar with the BERP and all emergency procedures
- Liaising with emergency services or UBC personnel to provide a summary of the evacuation and any other relevant information
- Rectifying deficiencies identified by floor wardens using the following resources to help:
 - Local Safety Team
 - Joint Occupational Health and Safety Committee
 - Service Centre (604-822-2173)
 - Safety & Risk Services



3.0 Responsibilities

3.2 Building Floor Wardens

Building Floor Wardens are responsible for:

- Being familiar with their assigned areas to sweep during an evacuation. This includes knowing the location of pull stations, fire extinguishers, evacuation routes and predesignated meeting areas in real life rather than just on a map
- Being familiar with the BERP and all relevant emergency procedures
- Knowing the name and civic address of your building (e.g. **Forest Science Center, 2424 Main Ma11.**) before making call to 911
- Participating in evacuation drills
- Supporting the evacuation of building occupants within their designated area
 - Note: Floor wardens are there to advise, guide and encourage evacuation – not to force individuals to evacuate
 - They must not put themselves in dangerous situations during an evacuation
 - They are responsible for recording the names and locations of areas of concern. (e.g. locked doors, missed areas, people who are unable or refuse to evacuate)
 - These concerns must be reported directly to the Building Emergency Director. The Building Emergency Director reports all information to First Responders or campus response personnel
 - If the Building Emergency Director is unavailable, the Building Floor Wardens shall report to emergency responders on scene or campus response personnel
- Conducting informal inspections focused on fire safety and check floor or area regularly for:
 - Accumulation of combustible or flammable materials and rubbish
 - Dangerous ignition sources (e.g. worn extension cords, oily rags, overheating equipment).
 - Hazardous equipment such as portable heaters must never be left unattended.
 - Ensure heat emitting equipment is not next to cardboard boxes, paper, or any combustible materials
 - Exit signs in good order and adequate lighting in public corridors and stairwells
 - Fire and exit doors and their self-closing hardware in good operating condition (Doors should not be wedged open under any conditions)
 - Exit routes (means of egress) are unobstructed
 - Unobstructed Fire hose and portable fire extinguishers, in good order and ready to use
 - Emergency Response Key Plans are correct
- Notifying the building emergency director for any deficiencies found

Note: Full inspection and maintenance of the fire safety equipment is the responsibility of UBC Facilities. However, if any Building Floor Warden or Building Occupant notices fire safety equipment in need of repair, they must notify the Building Emergency Director, who will contact the Service Centre at 604 822 2173.



3.0 Responsibilities

3.3 Building Occupants

Building occupants include everyone in the building whether or not that is their primary work location.

Building Occupants are responsible for:

- Being familiar with the contents of the Building Emergency Response Plan and Emergency Procedure Key Plans (e.g. evacuation routes)
- Following instructions of Building Floor Wardens and/or the Building Emergency Director
- Staying clear of the building during an evacuation to provide clear access for emergency vehicles
- Faculty (including instructors) and staff are expected to assist floor wardens by providing clear direction to students inside and outside of the building during an evacuation.
- Building Occupants should be familiar with the exact location of the building which includes:
 - The civic address (e.g. 2389 Health Sciences Mall)
 - The building name
 - Any other information including notable landmarks and cross streets

Note: Full inspection and maintenance of the fire safety equipment is the responsibility of UBC Facilities. However, if any Building Floor Warden or Building Occupant notices fire safety equipment in need of repair, they must notify the Building Emergency Director, who will contact the Service Centre at 604 822 2173.



4.0 Life Safety Systems and Building Features

Building Name: Forest Sciences Centre

Building Address: 2424 Main Mall

Life Safety Systems in the building consist of the following:

Click on check box to indicate that the Life Safety System is present in the building

Note: You may contact your [Facilities Manager](#) to assist in determining what's present

☒ Automated External Defibrillators (AEDs)

☐ Naloxone

☒ Emergency exits

☒ Emergency lighting

☒ Emergency power

☒ Fire alarm pull station

☒ Fire extinguisher(s)

☒ Fire hose cabinets & standpipes

☒ Fire hydrant(s)

☒ Fire pump

☒ Sprinkler system

☒ Area(s) of Refuge

☒ Predesignated Meeting Area

(Modify or remove the following information as necessary to correctly reflect the status of your building. If necessary, add additional information.):

4.1 Automated External Defibrillators (if applicable)

These are located by the elevator across from the Dean's Office, FSC 2005, and across the hallway from the CAWP Reception, FSC 2900.

Automated External Defibrillators (AEDs) provide quick response in the event of a cardiac arrest and can increase the chance of saving someone's life.

An AED is a portable unit that provides a life-saving shock to a person in sudden cardiac arrest. Sudden cardiac arrest is when the heart unexpectedly and abruptly stops beating. This is usually caused by an abnormal heart rhythm called ventricular fibrillation.

Once applied, the AED analyzes a patient's heart activity and determines if a life-saving shock is required. The AED cannot deliver a shock unless the person is in cardiac arrest.

AEDs are now available at a number of publicly accessible buildings across UBC's Vancouver campus (if there is no AED in your building, visit the [UBC Vancouver AED Map](#) to find the nearest AED to you). If the location of the AED is not indicated on your Building's Emergency Key Plans, use the contact information provided in **Appendix 1: Emergency Response Key Plans** to obtain an updated EKP that lists this information. The portable AED devices are located in a white cabinet and have an AED sign above the



4.0 Life Safety Systems and Building Features

unit. In the event of an emergency, when a defibrillator is required, 9-1-1 dispatchers can also provide direction to the nearest AED.

4.2 Naloxone (if applicable)

Naloxone is a drug that can reverse an opioid overdose, and naloxone kits are located across UBC. If you think someone is overdosing and unresponsive, it is critical to act quickly.

Naloxone kits are currently being installed at all [AED locations](#).

Naloxone kits, each containing two doses of nasal naloxone are available at a number of publicly accessible buildings and in residences across the UBC Vancouver and Okanagan campuses. The kits are located in a yellow or white cabinet labelled 'Naloxone' on the front. Most kits can be found next to an [Automated External Defibrillator](#) (AED).

Campus Security patrol officers are first aid trained, carry naloxone kits, and are trained on administering naloxone. *Find information about naloxone kits for UBC Vancouver students living in residence on the [Student Housing & Community Services \(SHCS\) website](#).*

4.3 Emergency Exits

Emergency exits are located throughout the building and marked by lighted signs and placards.

Maintenance of lighted emergency exit signs is handled by UBC Facilities. Refer to **Appendix 1: Emergency Response Key Plans** to find out how to obtain EKP for your building.

4.4 Emergency Lighting (if applicable)

In the event of a power failure, emergency lighting may be available to cover all common corridors, stairwells and exit signage. Maintenance of emergency lights is handled by UBC Facilities.

4.5 Emergency Power (if applicable)

A power generator may be available for your building and is located at FSC 0311 (entered through FSC 0310). The power generator is next to the main electrical room (FSC 0310). This generator is for the FSC and CAWP buildings. In the event of a power failure, this unit provides power to emergency lighting, exit signage, elevators and all related emergency equipment. See page 16 for “In the case of a Power Outage” procedure.

4.6 Fire Alarm System

Fire alarm pull stations and smoke detectors are located throughout the building. Fire alarm system is monitored by Vancouver Fire & Rescue Services through the 911 dispatch Centre (E-Comm). Fire alarm system maintenance is handled by UBC Facilities. The locations of fire alarm pull stations are indicated on **Appendix 1: Emergency Response Key Plans**.

4.7 Fire Extinguisher(s)

Portable fire extinguishers placed strategically (i.e. visible and accessible) throughout the building. Refer to **Appendix 1: Emergency Response Key Plans** for locations of portable fire extinguishers.



4.0 Life Safety Systems and Building Features

4.8 Fire Hydrant(s)

Refer to **Appendix 2: Building Site Plan** for locations of fire hydrants located near the building.

4.9 Fire Pump (if applicable)

A fire pump may be installed in this building and is designed to increase and maintain water pressure in the standpipe during fire-fighting operations. It is in the sprinkler room or other location. The location of the fire pump is: Basement Mechanical Room 0332 in the south east corner.

4.10 Sprinkler System (if applicable)

A sprinkler system may be installed in this building. The main control valves are in the sprinkler room at: There are two sprinkler systems. The automatic sprinkler main control valve for the Forest Science Centre is located in the sprinkler room. There are two entrances. One is designated as FSC 0332. The other is at the bottom of the North East stair well for the Forest Science Centre. The main sprinkler control valve for the Centre of Advanced Wood Processing is in 0930 (enter through the underground parkade.) 0930 also has the control valves for the exterior ground floor dry sprinkler system, the basement wet sprinklers, and the parkade dry sprinkler.

4.11 Predesignated Meeting Area

This location should be away from the entrance to the building and allow for attending emergency vehicles to easily access the space. Note: You may have more than one Predesignated Meeting Area if there are a large number of building occupants and/or if the primary predesignated meeting area is small. The location of the predesignated meeting area is: There are two muster areas for the FSC. One is outside the CAWP Main Entrance and the second is outside the FSC Main Entrance.

4.12 Area of Refuge or Safe Location inside the Building

Area(s) of Refuge are building designed spaces where occupants can wait when evacuation may not be safe or possible.

Area(s) of Refuge are:

- only allowed when approved by fire and rescue professionals
- identified on wall mounted emergency procedure key plans
- never placed in locations that block or impede egress from a building

It is not standard for new buildings to have Area(s) of Refuge. In these buildings, occupants who require assistance must be placed in a safe location inside the building that is a safe distance away from the hazard. Safe locations can be predesignated but will require situational assessment in the event of an emergency based on the location of the hazards.

Building Emergency Director, Building Floor Wardens and building occupants must **immediately** notify first responders or campus response personnel if and when people are waiting for assistance in these locations.



5.0 Contacts: Building Emergency Directors and Building Floor Wardens

The Predesignated Meeting Area for Building Occupants is: The predesignated Meeting Area for Building Occupants is: on Main Mall north of the FSC. For the CAWP the predesignated Meeting Area is the southeast side of Sopron Lane. This is the location that emergency help will come to. For most situations, individuals should proceed to an open location that is away from the building.
(this location should be away from the entrance to the building and allow for attending emergency vehicles to easily access the space).

Note: You may have more than one Predesignated Meeting Area if there are a large number of building occupants and/or if the primary predesignated meeting area is small.

NAME	AREA COVERED	WORK PHONE NUMBER
Building Emergency Director (indicate Alternates with an (A))		
Gregory Smith		604 822-0081 w 604 313-6953 m
Faride Unda (A)		604 822 8192 w 604 842 2696 m
Floor Warden (indicate Alternates with an (A))		
Rolando Descalzo	Level 1 East Wing Lab Rooms Route 1	604-822-0975
Louis Leung (A)	Level 1 East Wing Lab Rooms Route 1	n/a
Haitao Li	Level 2, Lab Block Route 2L	604 822-2284
Felix Choi (A)	Level 2, Lab Block Route 2L	604 822-6793
Dulanjika Athukorala	Level 2 Office Block – North/West Route 2W	604 822-3482
Joanne Dean (A)	Level 2 Office Block – North/West Route 2W	604-822-4935
Hisham Zerriffi (A)	Level 2 Office Block – North/West Route 2W	604 877-4468
Leah Law	Level 2 Office Block – South/East Route 2E	604 822-2727



Nicole Lee (A)	Level 2 Office Block – South/East Route 2E	604 827-2477
Brian Duarte	Level 3, Lab Block Route 3L	n/a
Norm Hodges (A)	Level 3, Lab Block Route 3L	604 822-3259
Natasha Thompson	Level 3, Office Block Route: 3SW	604-822-2507
Andrea Chan (A)	Level 3, Office Block Route: 3SW	604-822-1822
Sylvia Ho	Level 3, Office Block Route: 3SW	604 822-3553
Felix Wiesner	Level 4, Lab Block Route: 4L	604 822-9852
Minghao Li	Level 4, Lab Block Route: 4L	604-822-2434
Shibo Wang (A)	Level 4, Lab Block Route: 4L	n/a
Greg Paradis	Level 4, Office Block Route: 4SW	604 822-1890
Carellin Brooks	Level 4, Office Block Route: 4SW	604 827-2793
Julie Cool	Level 4, Office Block Route: 4SW	604-827-0639
Lief Eriksen	CAWP Level 1 CAWP North Labs Route C1LN	604-822-6131
Claudia Ediger (A)	CAWP Level 1 CAWP North Labs Route C1LN	604 822-0849 w 604 833-0849 m
Tom Zhang	CAWP Level 1 CAWP South Labs Route C1LS	604 822-8137
Marc Camacho (A)	CAWP Level 1 CAWP South Labs Route C1LS	604 822-9352
Brandon Chan	CAWP Level 2 CAWP- 2 nd Floor Route C2	604 822-3981
Genny Go (A)	CAWP Level 2 CAWP- 2 nd Floor Route C2	604-822-6122
Greg Smith	CAWP Level 0 CAWP basement Route CB	604 822-0081 w 604 313-6953 m



6.0 Disability, Accessibility and Individualized Evacuation Plans

Individuals with disabilities or ongoing medical conditions that may require an Individualized Evacuation Plan (IEP) should fill out the [Qualtrics Survey](#).

- The Building Emergency Director should distribute the [Qualtrics Survey](#) to all UBC occupants in the building to gather information on individuals that may require an IEP
 - Information collected in this survey will be received by the Centre for Workplace Accessibility (CWA)
- Relevant safety information collected through the survey and discussions with the CWA will be shared with the Building Emergency Director and Floor Warden who will then work with the self-identifying individual to develop an IEP. Any personal information (medical or otherwise) that is not related to safety or evacuation will not be shared. The CWA will gain explicit consent from the Individual before any sharing any information

If the IEP requires that a Building Occupant is left in the building during an emergency evacuation the Building Floor Warden, the Building Emergency Director, and then the Fire Department need to be immediately notified.

Any assistance to evacuate detailed in the IEP is entirely voluntary and can be performed to varying degrees. Predetermined persons to provide evacuation assistance can be anyone in the office or building such as a co-worker, friend, building staff, supervisor, Building Floor Warden, etc. Whether one person or multiple people are required to provide evacuation assistance, alternate people should be identified and this information should be recorded in the Individualized Evacuation Plan.

Refer to **Appendix 3: Disability and Accessibility Considerations** and **Appendix 4: Individualized Evacuation Plan** for full details.



7.0 Occupational First Aid

Campus Security responds to all First Aid calls for students, faculty, staff, and visitors on the UBC Vancouver Point Grey campus. Patrol officers are Occupational First Aid Level 2 (OFA2) certified and will respond and provide initial care and implement any critical interventions up to the scope of their training until paramedics arrive on scene.

Campus Security provides emergency support, first aid response, and helps to guide emergency responders (fire, ambulance, police) to the right place on campus quickly.

- For students and visitors, please dial 604-822-2222
- For faculty, staff, and student-staff, please dial 604-822-4444
- **In the event of a medical emergency, first call 9-1-1 and then call Campus Security for First Aid**



8.0 Emergency Procedures – Building Fire

8.1 Building Emergency Directors and Floor Wardens – Instructions

1. Evacuate the immediate area, closing the doors behind you. If possible, control the fire with the appropriate fire extinguisher if it is a small manageable fire, you are trained, confident, and have an exit route behind you. Refer to **Appendix 6: Operating a Fire Extinguisher**. To help contain the fire, close windows and doors that are near to you on your way out, but **ONLY DO SO IF IT IS SAFE**.
2. If not activated, activate the closest fire pull alarm immediately.
3. If immediately accessible, put on your safety vest.
4. Building Emergency Directors: Ensure floor wardens proceed through their areas advising occupants to evacuate the building.
Floor Wardens: Direct all personnel within your area to the nearest safe exit.
 - Knock on closed and/or locked doors, state the nature of the emergency and proceed without delay to sweep through area. Ensure you evacuate with your assigned personnel and report any rooms/areas that were locked or inaccessible.
5. Urge people to stay calm and evacuate in a quick and orderly manner. **WALK, DO NOT RUN**
6. Use the stairway to evacuate; **DO NOT** use the elevator(s)
7. If possible, assist occupants that are unable to evacuate using the stairs. Individuals requiring assistance are required to have a personal evacuation plan. Refer to **Appendix 3: Disability and Accessibility Considerations** and **Appendix 4: Individualized Evacuation Plan**. Alternatively, individuals having difficulty can be directed to an area of refuge or a safe location inside the building. Building Floor Wardens and Building Emergency Directors must relay the location of these occupants to the Fire Department.
8. Direct evacuated occupants to the Predesignated Meeting Area upon exiting the building. **There are two muster areas for the FSC. One is outside the CAWP Main Entrance and the second is outside the FSC Main Entrance.**
9. Call 911:
 - a) State your name.
 - b) Provide the address and the nearest intersection. The address of your building is: **2424 Main Mall at the intersection of Main Mall and Agronomy Road. The CAWP building address is 6247 Sopron Lane..**
 - c) Provide the following information about the fire:
 - **WHERE:** Floor number, room number
 - **WHEN:** Approximate time fire started
 - **WHAT:** What caused the fire, is it spreading, are people injured or requiring urgent assistance
 - **OTHER INFORMATION:** Hazardous materials, potential access issues etc.
10. Proceed to the Predesignated Meeting Area: 2424 Main Mall at the intersection of Main Mall and Agronomy Road. The CAWP building address is 6247 Sopron Lane.
11. Ensure all evacuation information from Building Floor Wardens is reported to the Building Emergency Director and that information is relayed over to First Responders when they arrive.
12. Stay on the scene until the Fire Department arrives. Once evacuated, **DO NOT ALLOW ANYONE TO RE-ENTER THE BUILDING** until the Fire Department gives permission to do so.



8.0 Emergency Procedures – Building Fire

8.2 Building Occupants – Instructions

1. Evacuate the immediate area, closing the doors behind you. If possible, control the fire with the appropriate fire extinguisher if it is a small manageable fire, you are trained, confident, and have an exit route behind you. Refer to **Appendix 6: Operating a Fire Extinguisher**. To help contain the fire, close windows and doors that are near to you on your way out, but **ONLY DO SO IF IT IS SAFE**.
2. If it is not already activated, activate the closest fire pull alarm immediately.
3. Follow instructions of Building Floor Wardens during evacuation
4. Stay calm and evacuate in a quick and orderly manner; WALK, DO NOT RUN
5. Use the stairway to evacuate; DO NOT use the elevator(s)
6. If possible, assist occupants that are unable to evacuate using the stairs. Refer to **Appendix 3: Disability and Accessibility Considerations** and **Appendix 4: Individualized Evacuation Plan**.
Alternatively, individuals having difficulty can be directed to an area of refuge or a safe location inside the building. Building Floor Wardens and Building Emergency Directors must relay the location of these occupants to the Fire Department
7. Proceed directly to the Predesignated Meeting Area **There are two muster areas for the FSC. One is outside the CAWP Main Entrance and the second is outside the FSC Main Entrance.** upon exiting the building, and wait for further instructions from the Building Emergency Director.
8. Call 911:
 1. State your name
 2. Provide the address and the nearest intersection. The address of your building is: 2424 Main Mall and nearest intersection is Main Mall and Agronomy Road.
 3. Provide the following information about the fire:
 - **WHERE:** Floor number, room number
 - **WHEN:** Approximate time fire started
 - **WHAT:** What caused the fire, is it spreading, are people injured or requiring urgent assistance
 - **OTHER INFORMATION:** Hazardous materials, potential access issues etc.
9. Once evacuated, DO NOT RE-ENTER THE BUILDING until the Fire Department gives permission to do so.



9.0 Emergency Procedures – Power Outage

9.1 Building Emergency Directors, Floor Wardens and Building Occupants – Instructions

1. If a power outage has occurred, review the following considerations before exiting the building:
 - Emergency lighting: Does it exist? If it does, it may be battery powered and may last 30 minutes or less. Lights may slowly dim and turn off making egress difficult
 - Emergency Power Generator: Some buildings are equipped with this feature. Contact your zone facility manager to find out if your building has a generator
 - Weather and time of day: Extreme weather conditions (e.g freezing temperatures), day/night, start/end of work day
 - Active equipment or research activities: Assess safety implications of leaving equipment and/or processes unattended. What could happen when the power goes out? (e.g. Fumehoods) What happens when power returns?
 - Review your email for communications received relating to the power outage and/or contact your zone's [Facility Manager](#). They may have information on when the power may be restored
2. If evacuation is determined necessary, use the stairway to evacuate; DO NOT use the elevator(s). WALK, DO NOT RUN.
3. Proceed directly to the Predesignated Meeting Area. **outside the North West corner of the Forest Science Building, on the sidewalk north of Agronomy and east of Main Mall.**
4. Once power has been restored to your facility, occupants should wait 5 minutes before re-entering the building to confirm power stability.

Types of Outages and Notifications

- Area within a Building Outage (i.e. room or floor)
 - No notification sent by UBC Facilities to anyone on campus
- Single/Multiple Building Outage
 - Facilities Managers (FMs) notified. UBC Service Centre notified. Department heads and team leaders can contact FMs directly for updates

If you require information about the power outage or need to notify Building Operations Service Centre about an outage, call 604 822 2173.

- a) State your name
- b) Provide the building name of where the power outage is located and the nearest intersection.
- c) Provide information about the power outage:
 - **WHERE:** floor number, room number
 - **WHEN:** When the power was lost? How long has emergency lighting been activated?
 - **OTHER INFORMATION:** Provide any notable safety concerns associated with the loss of power

For more information on electrical power at UBC, visit [UBC Facilities](#)



10.0 Emergency Procedures – Earthquake

10.1 Building Emergency Directors and Floor Warden – Instructions

Important: Earthquake evacuation procedures differ from evacuations due to other hazards. Do not evacuate during shaking. Only evacuate if directed, or if the building is clearly unsafe after the shaking stops. The evacuation itself may expose you to falling hazards.

In contrast to other emergencies:

- *You should not activate the fire alarm system-it may trigger automatically due to the shaking. Sprinkler activation, or smoke detectors*
- *Emergency services (e.g. fire department) may not be available as they may have to prioritize other emergencies regionally or may be unable to come to you.*
- *You may not have the same assigned leadership role, during an earthquake evacuation-act within your capacity, prioritize personal safety, and support others wherever possible.*
- *Evacuation decisions for each building may be decentralized and different floors or areas may choose to evacuate based on concerns that they have experienced. Use your judgement based on visible damage, or hazards. Follow instructions from emergency personnel only if they are available.*

Always prioritize your safety, communicate clearly, and be prepared to adapt to dynamic conditions. The following are suggested actions based on best practices, all of these may not fit your particular circumstances.

If you are indoors - During the Shaking

1. **DROP** down on your hands and knees to prevent being knocked over.
2. **COVER** your head and neck, or your whole body if you can, under a sturdy table
 - a. If you can't get under something strong, or if you are in a hallway, crouch against an interior wall and protect your head and neck with your arms
 - b. Stay away from an exterior wall as it is more likely to sustain damage during an earthquake.
3. **HOLD ON** to the object that you are under so that you remain covered. Be prepared to move with the object until the shaking has finished.
4. Stay indoors till the shaking stops. In most buildings in British Columbia, you are safer if you stay where you are until the shaking stops.

If you are indoors - After the shaking stops

1. Count to 60 to allow debris to finish falling after the shaking stops
2. Assess your surroundings for hazards and determine whether it is safer to stay indoors or evacuate. There may be no need to evacuate unless there is visible damage or safety concerns. Check for the following:
 - Fires or fire hazards
 - Gas leaks (e.g., rotten egg smell)



- Exposed or arcing electrical components or wires
- Leaking water or sewage pipes
- Unstable furnishings or overhead objects
- Spills of hazardous materials

If any of these hazards are present, or if the situation appears unsafe, proceed with evacuation.

3. Begin Evacuation Procedures:

- Urge people to stay calm and evacuate in a quick and orderly manner. WALK, DO NOT RUN.
- Do not allow building occupants to use the elevator(s).
- Repeat DROP, COVER, AND HOLD procedure before resuming evacuation if an aftershock occurs during evacuation and you are still inside the building.
- If possible, assist occupants that are unable to evacuate using the stairs. Refer to **Appendix 3: Disability and Accessibility Considerations** and **Appendix 4: Individualized Evacuation Plan**.
Alternatively, individuals having difficulty can be directed to an area of refuge or a safe location inside the building. Building Floor Wardens and Building Emergency Directors must relay the location of these occupants to first responders or campus response personnel.

4. Upon exiting the building, direct evacuated occupants to the Predesignated Meeting Area located: . In the Forest Science Centre the Areas of Refuge are located in the three stair wells situated at the N W corner, N E corner and S E side of the building. All three stairwells have Areas of Refuge on the 2nd, 3rd, and 4th floors. The two stairwells on the north side of the building also have Areas of Refuge at the basement level. The Area of Refuge in the basement of the NW stairwell is available to occupants of FSC 1005, the large lecture hall. In the Centre of Advanced Wood Processing, the areas of refuge are in the basement next to the stairwells at the N and S sides of the building. The N area is available to occupants of the underground parking facility. There are two ground floor areas of refuge located at the NE and Se corners of the building. There are two second floor areas of refuge adjacent to the two stair wells located at the north and south ends of the building.
5. Building Floor Wardens to report information about the earthquake, the evacuation, or about the building as required to the BED.
6. Call 911 to report serious injuries or hazards. Call the [Facilities Service Centre](#) at 604-822-2173 to report any building related issues that you have observed following the event.



10.0 Emergency Procedures – Earthquake

10.2 Building Emergency Directors and Floor Warden – Instructions

If you are outdoors - During the Shaking

1. Stay outside if you are outdoors when the shaking starts, you should find a clear spot away from buildings, trees, streetlights, and power lines, then:
 - a) **DROP** down on your hands and knees to protect you from falling – an earthquake can knock you down.
 - b) **COVER** your head from falling debris. If you are in a crowded area, take cover where you won't be trampled
 - c) **HOLD ON** until the shaking stops

If you are outdoors - After the shaking stops

1. Count to 60 to allow debris to finish falling after the shaking stops.
2. Assess your immediate surroundings for dangers. (e.g. fallen wires). Stay away from exterior walls and heavy objects which may fall.
3. Proceed to predesignated meeting area. At the North West Corner of the Forest Science Centre. This is the location to be used to provide further instructions and to provide further emergency services. Building Floor Wardens to report information about the earthquake, the evacuation, or about the building as required to the Building Emergency Director.
4. Do not enter your building to evacuate occupants.
5. Call 911 to report serious injuries or hazards. Call the Facilities Service Centre at 604-822-2173 to report any building related issues that you have observed following the event.
6. Ensure all evacuation information from Building Floor Wardens is reported to the Building Emergency Director and that information is relayed over to First Responders when they arrive. Once evacuated, **DO NOT ALLOW ANYONE TO RE-ENTER THE BUILDING** until authorized UBC building officials give permission to do so.

NOTE: UBC strongly encourages staff, faculty, residents and students to be personally prepared by having [72 hours emergency preparedness kits](#).



10.0 Emergency Procedures – Earthquake

10.3 Building Occupants – Instructions

If you are indoors - During the Shaking

1. **DROP** to the ground on your hands and knees to prevent being knocked over
2. Take **COVER** by getting under a sturdy desk or table
 - a. If you can't get under something strong, or if you are in a hallway, crouch against an interior wall and protect your head and neck with your arms
 - b. Stay away from an exterior wall as it is more likely to sustain damage during an earthquake
 - c. Stay away from windows, shelves, and heavy objects that may fall
3. **HOLD ON** to the object that you are under so that you remain covered. Be prepared to move with the object until the shaking has finished.
4. Stay indoors till the shaking stops. In most buildings in British Columbia, you are safer if you stay where you are until the shaking stops.

If you are indoors - After the shaking stops

1. Count to 60 to allow debris to finish falling after the shaking stops
2. Assess your surroundings for hazards and determine whether it is safer to stay indoors or evacuate. There may be no need to evacuate unless there is visible damage or safety concerns. Check for the following:
 - Fires or fire hazards
 - Gas leaks (e.g., rotten egg smell)
 - Exposed or arcing electrical components or wires
 - Leaking water or sewage pipes
 - Unstable furnishings or overhead objects
 - Spills of hazardous materialsIf any of these hazards are present, or if the situation appears unsafe, proceed with evacuation.
3. Proceed with evacuating the building and follow instructions of Building Floor Wardens and/or Building Emergency Director.
 - Remain calm, and evacuate quickly and in an orderly manner. WALK, DO NOT RUN
 - Do not use the elevator(s)
 - Repeat DROP, COVER, AND HOLD procedure before resuming evacuation if an aftershock occurs during evacuation and you are still inside the building
 - If possible, assist occupants that are unable to evacuate using the stairs. Refer to **Appendix 3: Disability and Accessibility Considerations** and **Appendix 4: Individualized Evacuation Plan**.
Alternatively, individuals having difficulty can be directed to an area of refuge or a safe location inside the building, Building Floor Wardens and Building Emergency Directors must relay the location of these occupants to first responders or campus response personnel



4. Proceed directly to the Predesignated Meeting Area located outside the North West corner of the Forest Science Building, on the sidewalk north of Agronomy and east of Main Mall. upon exiting the building, and wait for further instructions from the Building Emergency Director.
5. DO NOT ENTER THE BUILDING until authorized UBC building officials give permission to do so.

NOTE: *UBC strongly encourages staff, faculty, residents and students to be personally prepared by having [72 hours emergency preparedness kits.](#)*



10.0 Emergency Procedures – Earthquake

10.4 Building Occupants – Instructions

If you are outdoors - During the Shaking

1. Stay outside if you are outdoors when the shaking starts, you should find a clear spot away from buildings, trees, streetlights, and power lines, then:
 - a) **DROP** to the ground
 - b) **COVER** your head from falling debris. If you are in a crowded area, take cover where you won't be trampled
 - c) **HOLD ON** until the shaking stops

If you are outdoors - After the shaking stops

1. Count to 60 to allow debris to finish falling after the shaking stops.
2. Assess your immediate surroundings for dangers (e.g. fallen wires). Stay away from exterior walls and heavy objects which may fall.
3. Proceed directly to the Predesignated Meeting Area located: at the North West Corner of the Forest Science Centre. and wait for further instructions from the Building Emergency Director and/ or Building Floor Warden(s).
4. Do not enter your building to evacuate occupants
5. DO NOT ENTER ANY BUILDINGS until authorized UBC building officials give permission to do so.

If you use a wheelchair:

To best prepare, please complete an Individualized Evacuation Plan (IEP, see Appendix 4 of this document)

1. If you are able to, follow **DROP, COVER, and HOLD ON** procedure and seek shelter under a sturdy table or desk.
2. Try to get into an inside corner of the room (or an open area if you are outside), lock the wheels, and cover your head and neck with your arms.
3. Stay away from windows, shelves, and heavy objects that may fall. Additionally, stay away from an exterior wall as it is more likely to sustain damage during an earthquake.
4. Shield your face from falling debris and broken glass with the use of a blanket, seat cushions, or pillow, if available.
5. Move to a safe location inside the building, when the shaking stops or a safe location inside the building until assistance arrives. Building Emergency Directors and Building Floor Wardens will relay this location to first responders or campus response personnel.

NOTE: UBC strongly encourages staff, faculty, residents and students to be personally prepared by having [72 hours emergency preparedness kits](#).



11.0 Emergency Procedures – Explosion or fire due to Hazardous Materials

11.1 Building Emergency Director, Floor Warden and Building Occupants – Instructions

1. Evacuate the immediate area, closing the doors behind you. If possible, control the fire with the appropriate fire extinguisher if it is a small manageable fire, you are trained, confident, and have an exit route behind you. Refer to **Appendix 6: Operating a Fire Extinguisher**. To help contain the fire, close windows and doors that are near to you on your way out, but **ONLY DO SO IF IT IS SAFE**.
2. If it is not already activated, activate the closest fire pull alarm immediately.
3. Follow instructions of Building Floor Wardens during evacuation.
4. Urge people to stay calm and evacuate in a quick and orderly manner. WALK, DO NOT RUN.
5. Use the stairway to evacuate; DO NOT use the elevator(s).
6. If possible, assist occupants that are unable to evacuate using the stairs. Refer to **Appendix 3: Disability and Accessibility Considerations** and **Appendix 4: Individualized Evacuation Plan**.
Alternatively, individuals having difficulty can be directed to an area of refuge or a safe location inside the building, Building Floor Wardens and Building Emergency Directors must relay the location of these occupants to the Fire Department.
7. Upon exiting the building, provide the Emergency Responders, Building Emergency Director and/ or Building Fire Wardens with any information on hazardous materials involved (e.g. Safety Data Sheets (SDS)) and location of individuals unable to exit the building.
8. Proceed directly to the Predesignated Meeting Area located at the North West Corner of the Forest Science Centre. and wait for further instructions from the Building Emergency Director.
9. Call 911 to ensure that the Fire Department received the alarm. Provide the following:
 - a) State your name
 - b) Provide the address where the fire is located and the nearest intersection. The address of your building is: 2424 Main Mall at the intersection of Main Mall and Agronomy Road.
 - c) Provide information about the fire:
 - **WHERE:** Floor number, Room number
 - **WHEN:** Approximate time fire started
 - **WHAT:** what caused the fire, is it spreading, are people injured or requiring urgent assistance
10. Call Campus Security at 604 822 2222.
11. DO NOT ENTER THE BUILDING until the Fire Department or authorized UBC building officials give permission to do so.



12.0 Emergency Procedures – Gas Leak

12.1 Building Emergency Director, Floor Warden and Building Occupants – Instructions

1. **Stop what you're doing.** Don't use your cellphone or landline, don't smoke, light matches or operate electrical switches or create any other source of ignition.
2. **Go Outside.** As you exit, leave the door open behind you as well as any windows that may already be open
3. **Call Us.** Once outside, call
 - a. On Campus – Building Operations Service Centre 604 822 2173 (24hrs) or 911
 - b. At home - FortisBC Emergency Line at 1-800-663-9911 (24 hours) or 911



13.0 Emergency Procedures – Chemical, Biological or Radiation Spill

13.1 Building Emergency Director, Floor Warden and Building Occupants – Instructions

Any uncontrolled release of hazardous materials is considered a spill. Spills of small volumes or low risk substances can often be addressed by trained users. Where larger volumes or higher risk substances are involved that take clean up beyond capability of users these procedures must be followed:

1. Shut down equipment if time permits.
2. Evacuate immediate area or building as necessary. To help contain the area, close windows and doors that are near to you on your way out, but ONLY DO SO IF IT IS SAFE.
3. Prevent re-entry.
4. Proceed directly to an area that is at a safe distance outside the contained area. In case of building evacuation, this will be the main entrance of the building or the Predesignated Meeting Area located North West Corner of the Forest Science Centre.
5. Call 911. Provide the following information about the spilled material to the operator
 - a) State your name
 - b) Provide the location of the hazardous materials release (street address, room number). The address of your building is: 2424 Main Mall at the intersection of Main Mall and Agronomy Road.
 - a. Any injuries
 - b. Substance name
 - c. Quantity
 - d. Other hazards (e.g. energized equipment, sharps, etc.).
6. Contact Campus Security at 604 822 2222.
7. Have someone wait for emergency personnel outside the main entrance of the building. This person is responsible for directing the first responders to the exact location of the spill and providing information such as the Safety Data Sheet(s) (SDSs).
8. Inform the Supervisor or Department Head
9. DO NOT RE-ENTER THE BUILDING until the Fire Department or authorized UBC building officials give permission to do so



14.0 Emergency Procedures – Bomb Threat

14.1 Building Emergency Director, Floor Wardens and Building Occupants – Instructions

All threats must be taken seriously and handled as though an explosive device is on campus. If you receive a bomb threat, contact the RCMP (911) immediately, and then campus security (604-822-2222). In the event of an explosion, follow your evacuation procedures and exit building as quickly and calmly as possible.

What to do?

Bomb threats can be received by telephone, letter or email. If you receive a bomb threat by telephone, stay calm and try to get as much information as possible. Although this might be difficult, try to note any unique features about the voice and any background sounds you hear over the telephone. Keep the caller on the line as long as possible and take detailed notes about what is said. Do not upset the caller. Indicate your willingness to cooperate.

Take notes on everything said and on your observations:

- Time the call was received.
- Telephone number on which the call was received.
- Exact words of the person making the call (including location of bomb and any time factor involved).
- Noises (listen for any background noises including traffic, music, etc.).

Try to gather as much information as possible:

- Where is the bomb?
- When is the bomb going to explode?
- What kind is it?
- What does it look like?
- Permit the caller to say as much as possible without interruption.

Be aware of the caller's:

- Voice (child or adult, male or female, accent, whether or not the voice is familiar).
- Estimated age.
- State of mind (are they calm? agitated? angry? crying?).
- Any accent or distinguishing characteristics

What to do after?

Call RCMP — 911 immediately, and then UBC Campus Security to report the threat. If possible, get a co-worker to do this while you continue talking to the caller. (The purpose of keeping the person talking is to assist in identifying the caller. Tracing is not always possible.)

- Survey your immediate work area. If you see a package or a foreign object in an unusual place — **DON'T TOUCH IT**. Follow instructions given by emergency personnel. You will be advised if evacuation is necessary.
- An explosion of any type must be reported immediately to the Fire Department. Call 911.



15.0 Emergency Procedures – Suspicious Package

15.1 Building Emergency Director, Floor Wardens and Building Occupants – Instructions

UBC Campus Mail is trained in recognizing suspicious packages and letters and is the initial receiver of all UBC mail. In the event you do receive a suspicious package or find a written threat, take proper precautions and use the following procedures:

Notice a suspicious object

- Do not touch or disturb the object
- Note the location and description of the object and provide that information to [Campus Security](#) at 604.822.2222
- Wait for instructions from Campus Security.
- Be prepared to evacuate

Suspicious Envelopes or Packages

- If you have opened the letter, or package, set it down gently where you first read/opened it. Leave it alone, remain calm and avoid sudden movements
- Inform a co-worker in the immediate area about what has happened and ask them to call [Campus Security](#) at 604.822.2222
- Move to an area where you can avoid contact with others and stay there
- Remain calm. Exposure does not mean that you will become sick. Campus Services will make sure you receive specific information about symptoms and effective treatment

Common Features of Suspicious Letters or Packages

- No return address; postmark or name of sender is unusual
- Excessive or inadequate postage
- Handwritten or poorly typed addresses
- Misspelling of common words
- Restrictive markings such as “Confidential”, “Personal”, etc.
- Excessive weight and/or a feeling of a powdery substance
- The letter/package is lopsided or unusually thick
- Rub-on block lettering
- Threat of any type of contamination



16.0 Emergency Procedures – Active Threat

16.1 Building Emergency Director, Floor Warden and Building Occupants – Instructions

An active shooter is a person actively shooting at people, usually at random, in a confined or populated area. In most cases, there is no pattern or method to their actions. Event is unpredictable and evolves quickly. Knowing what to do can save lives. When an active shooter is in your vicinity, you must be prepared both mentally and physically to deal with the situation. If faced with an active shooter incident either on UBC campus or elsewhere, you have THREE options to protect your personal safety immediately — **RUN, HIDE, FIGHT**. For updates in the event of an incident occurring, refer to www.ubc.ca

RUN (get out)

If you see or hear an armed intruder and if you believe it is possible to safely exit the area — RUN!

- Leave belongings behind
- Advise others to leave
- Assist others if you can
- Warn others of the threat
- Call police – 911 as soon as it is safe to do so

HIDE (hide out)

If you don't know exactly where the shooting is happening or evacuation is not possible to escape safely — HIDE!

- Take shelter if you are inside a classroom or office, stay there. If you are in a corridor, go to the closest room that's not already locked
- Lock windows and doors, refer to any lockdown procedures posted in the room and await instructions from emergency personnel
- Barricade the entry if the door does not lock. Use tables and chairs
- Close curtains and blinds. Turn off the lights
- Keep quiet. Put your cell phone on silent mode – including the vibrate feature
- Hide behind large objects if possible
- Stay low and keep away from windows and doors
- Remain calm and await further instructions from emergency personnel
- Call 911 if safe to do so
- If the fire alarm is activated, remain where you are and await further instructions from emergency personnel
- Do not open the door for anyone unless they validate their identity as an emergency personnel



16.0 Emergency Procedures - Active Threat

Fight/Defend (take out)

As an absolute last resort if you cannot run or hide, and if you feel your life is in imminent danger – FIGHT!

- Commit to your actions with the goal being to delay, block, or overcome the threat
- Work with the people around you
- Do what you need to stay alive, including using force to protect yourself
- Look for objects that could be used as tools for self-defense

What to do when law enforcement arrives

- Remain calm and follow instructions
- Drop items in your hands (ie. Bags, jackets)
- Keep hands raised (spread fingers) and visible at all times
- Avoid quick movements towards officers, such as holding on to them for safety
- Avoid pointing, screaming or yelling
- Do not ask questions when evacuating

The first officers to arrive on scene are tasked to end the incident, and they may not stop to help the injured. Know that rescue teams will enter after the initial officers. These rescue teams will treat and remove the injured once it is safe to do so.

Once you have reached a safe location, you will likely be held in that area by police until the situation is under control and all witnesses have been identified and questioned. Do not leave the area until police have instructed you to do so.

What information you may need to share with 911 operators

- Location of the active shooter
- Your specific location(s) inside the building
- Number of shooter(s)
- Number and type of weapons held by the shooter(s)
- Number of potential victims at location

For more information, take the [Active Shooter Preparedness Online Training](#)



17.0 Fire Drills – Procedures and Records

17.1 Annual Comprehensive Fire Drills

As per [BC Fire Code](#), fire drills must be conducted at least once per year. They are intended primarily to ensure that all Building Occupants know how to respond safely and effectively in the event of a life-threatening emergency.

Arranging a Fire Drill

It is the responsibility of the Building Emergency Director when arranging a fire drill to:

1. Contact the Building Operation Service Centre (604 822 2173) to request an “Annual Fire Drill.” They submit a service request for a representative from Building Operations Fire Life Safety to sound the alarms in your building. The following information is required:
 - a. Date and time of drill (Recommended days are Tuesday to Thursday, Times to avoid are: 6:30 – 9:15am, 11:15 – 12:15, and 3:00pm – 3:30pm)
 - b. Location: Building name and address
 - c. Contact information of person making the request
2. A representative from Building Operations Fire Life Safety will contact you to confirm the date and time they will be able to attend

If you have any questions about your building, contact your [UBC Facility Manager](#)

Conducting a Fire Drill

Upon the sound of the alarms Building Emergency Director, Floor Warden and Building Occupants follow the instructions outlined in Section 8 – Building Fire.

17.2 Quarterly Laboratory Fire Drills

For laboratories where there are flammable and/or combustible liquids are used or handled, there is a specific requirement to conduct a [fire drill every 3 months](#). The laboratory supervisor or their delegate is responsible for arranging the drills. Laboratory drills can be simpler than the procedures above but do need to be logged and documented. The table in section 17.3 can be used to document the drill.

Silent Drills

Silent drills can be conducted in addition to comprehensive drills. These drills are local exercises and do not involve the actual activation of the fire alarm system. Personnel respond to the simulation of a fire alarm system activation in accordance with their emergency procedures.



A silent drill that goes through the motions and can be (but not limited to):

- A scheduled in person walkthrough with all lab members of general written procedures to follow in the event of a fire as per the BERP
- A scheduled in person walkthrough with all lab members of emergency preparedness and response procedures to follow for tasks with fire potential ¹
- A scheduled in person walkthrough with all lab members of written procedures to follow for fires involving specific hazardous substances present in the laboratory,² particularly those that may require specialized control measures in terms of segregation or extinguishing.

Table Talk Drills

Table talk drills can be conducted in addition to comprehensive fire drills. These are local exercises and do not involve physical demonstration/simulation of the emergency response activities

A table talk drill can be (but not limited to):

- A scheduled review (ie. during a lab meeting) of emergency response procedures for tasks (eg. Microbio bench) or reactions (pyrophoric quenching) with fire potential accompanied by a facilitated discussion to identify if procedures need to be updated
- A facilitated discussion around a specific fire scenario and the proposed responses of individuals to the described scenario. Correct responses are reinforced

Note: The quarterly lab specific fire drill requirement cannot be met by only conducting table talk drills.

17.3 Record of Fire Drills

The table below can be used to document fire drills

Date and Time	Description of the Drill (Comprehensive, Silent, Table Talk)	Was the Drill Effective? (Procedures effective? personnel know their role?)	How to Improve Effectiveness of Drill?
For Comprehensive Drills			
Total Building Evacuation time		Attended by Fire Department Yes/No	
For Quarterly Laboratory Drills			
Identity of Every Person who participated			

¹ Common examples include quenching, or use of open flames.

² Consider pyrophorics, flammable liquids and gases.



Appendix 1: Emergency Procedure Key Plans

To obtain Emergency Procedure Key Plans for your building, send an email to: records.section@ubc.ca and specify the building of interest.

If you receive a response indicating that your building's EPKPs are not available, contact your [facility manager](#) who will be able to assist in drafting the key plans that identify the location of the items listed below. These drafts can then be submitted to records.section@ubc.ca.

If modifications to your EPKP are required, contact Facility Information Inventory System (id.fis@ubc.ca)

INSERT EMERGENCY PROCEDURE KEYPLANS HERE. Insert a copy of the Emergency PROCEDURE Keyplan for each floor of your building on or after this page. Emergency PROCEDURE Keyplans are posted on walls near emergency exits for each floor of every building. It is recommended to have a set of the Emergency PROCEDURE Keyplans posted on building safety or information boards for building occupants to refer to.



Appendix 2: Building Site Plan

This is a map which shows the location of your building, nearest cross streets, location of predesignated meeting area, etc.



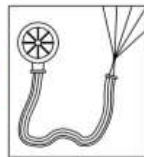
Note: This is an example of a Building Site Plan. Please insert your Building Site Plan.

- LEGEND -



EXIT

H



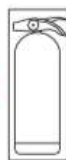
FIRE HOSE CABINET

P



PULL STATION

Ex



FIRE EXTINGUISHER

R



AREA OF REFUGE

Figure 1 Legend for all of the key plans

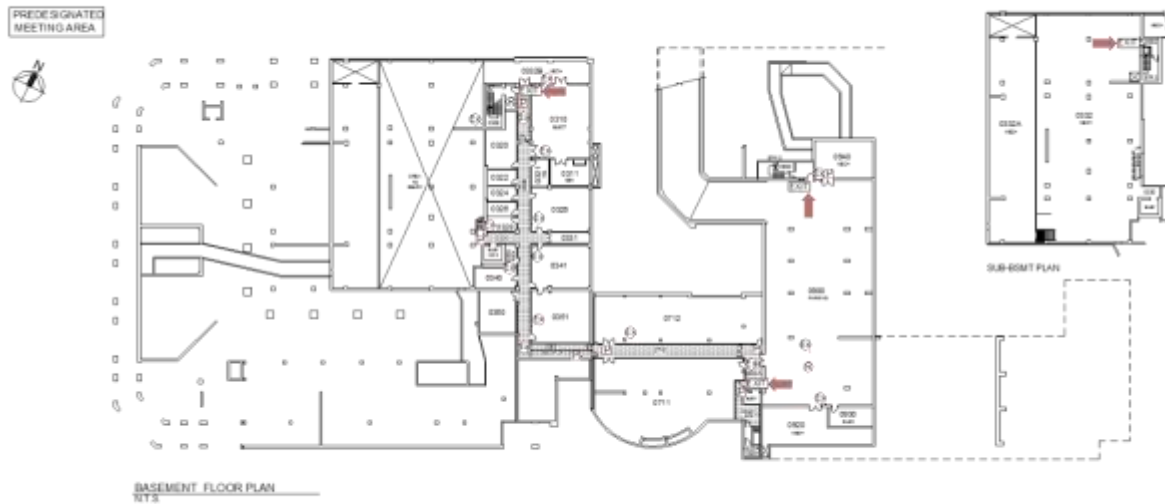


Figure 2 Forest Science Centre Basement Key Plan. A standpipe (not marked) extends to the basement level in stairwell 3 (NE corner of FSC)

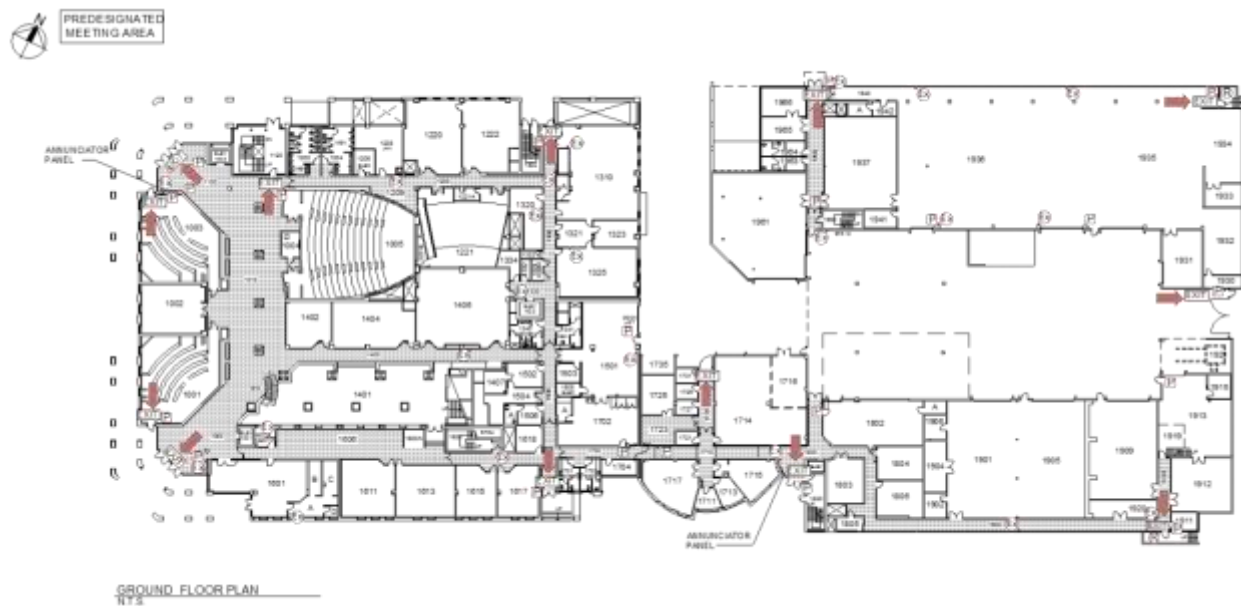


Figure 3 Key Plan for the First floor. Enlarged views of the ground floor for the two buildings are revealed in the following two figures.

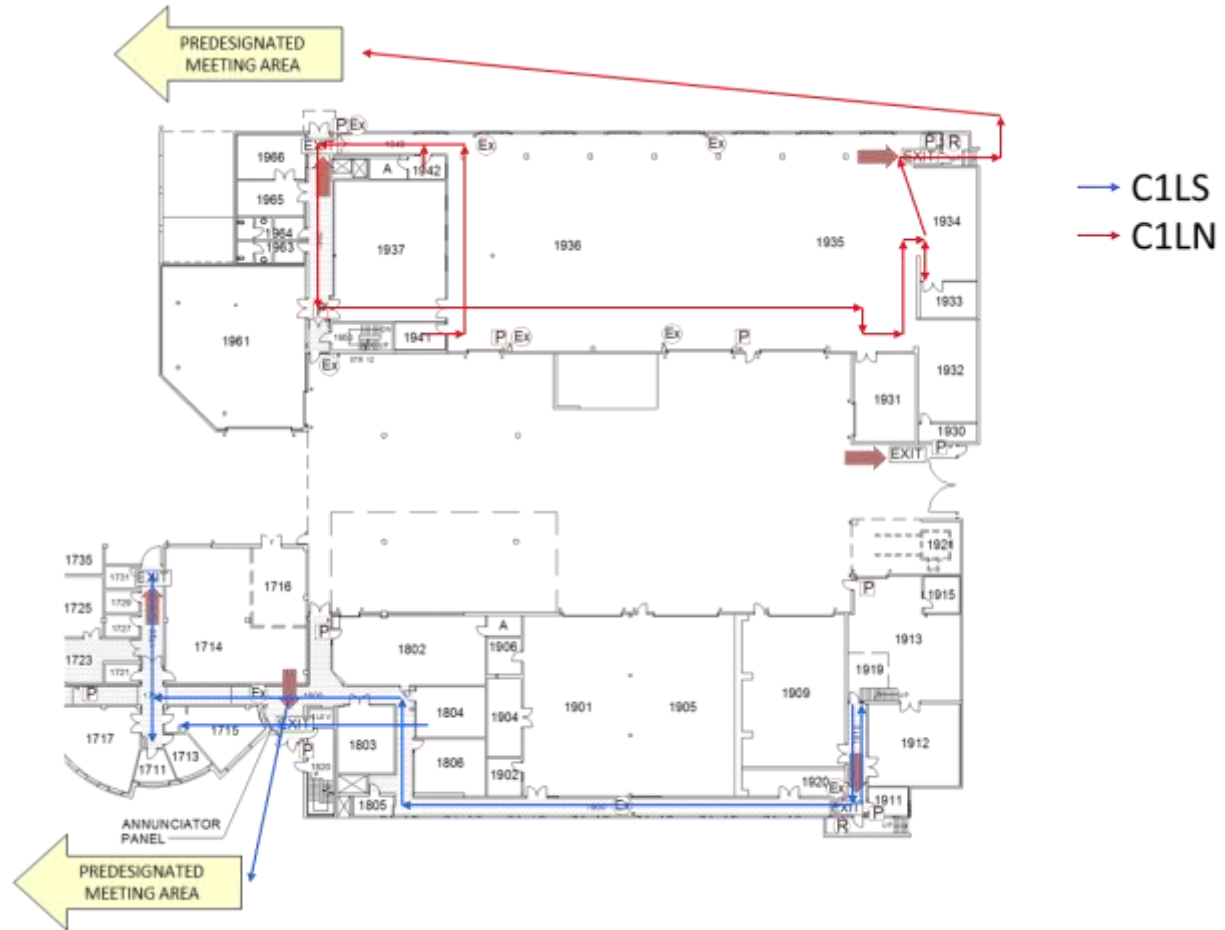


Figure 5 Key Plan of the First Floor of CAWP



Figure 6 Key Plan for the Second Floor. Enlarged views of the second floor for the two buildings are revealed in the following two figures.

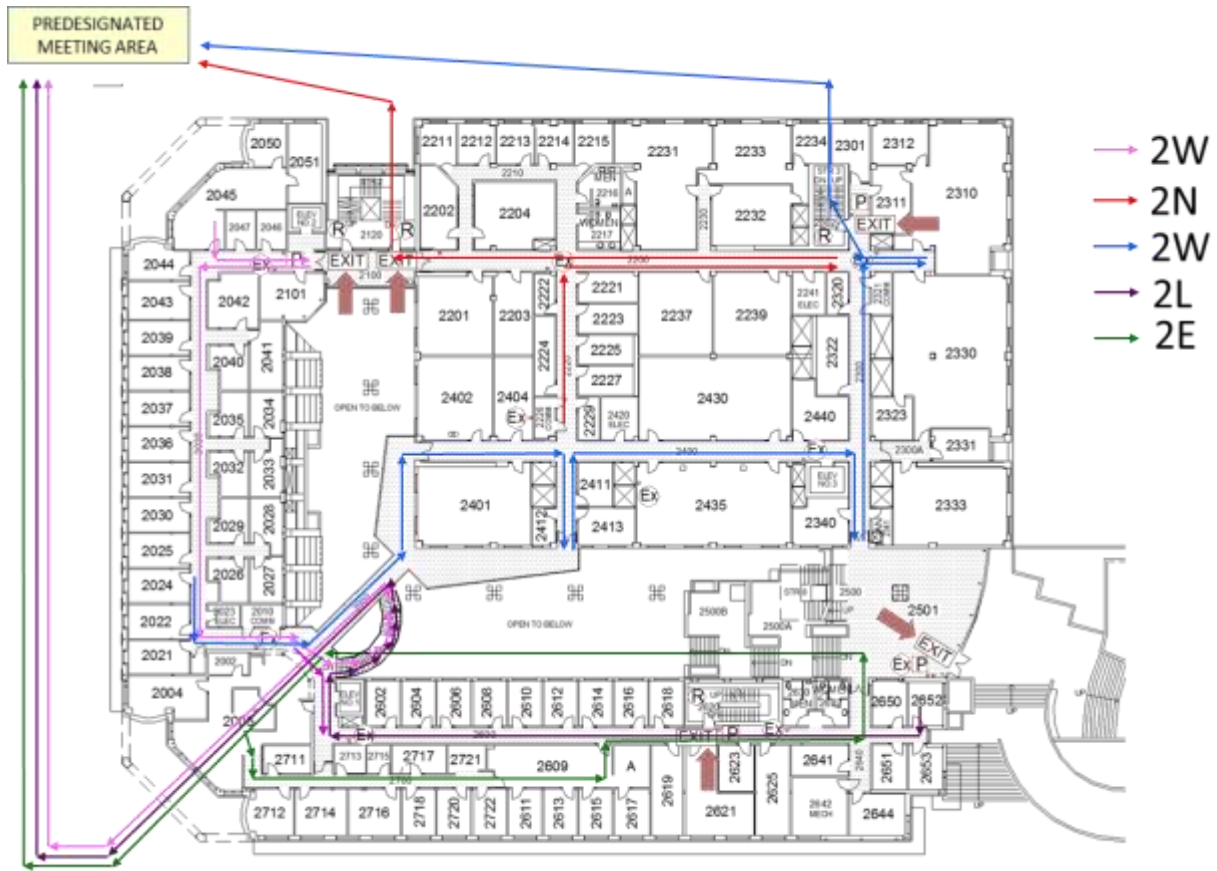


Figure 7 Enlarged view of the second floor of FSC. Standpipes (not marked) are located in stairwells 2, 3, and 4 (NW, NE, and SE stairwells).

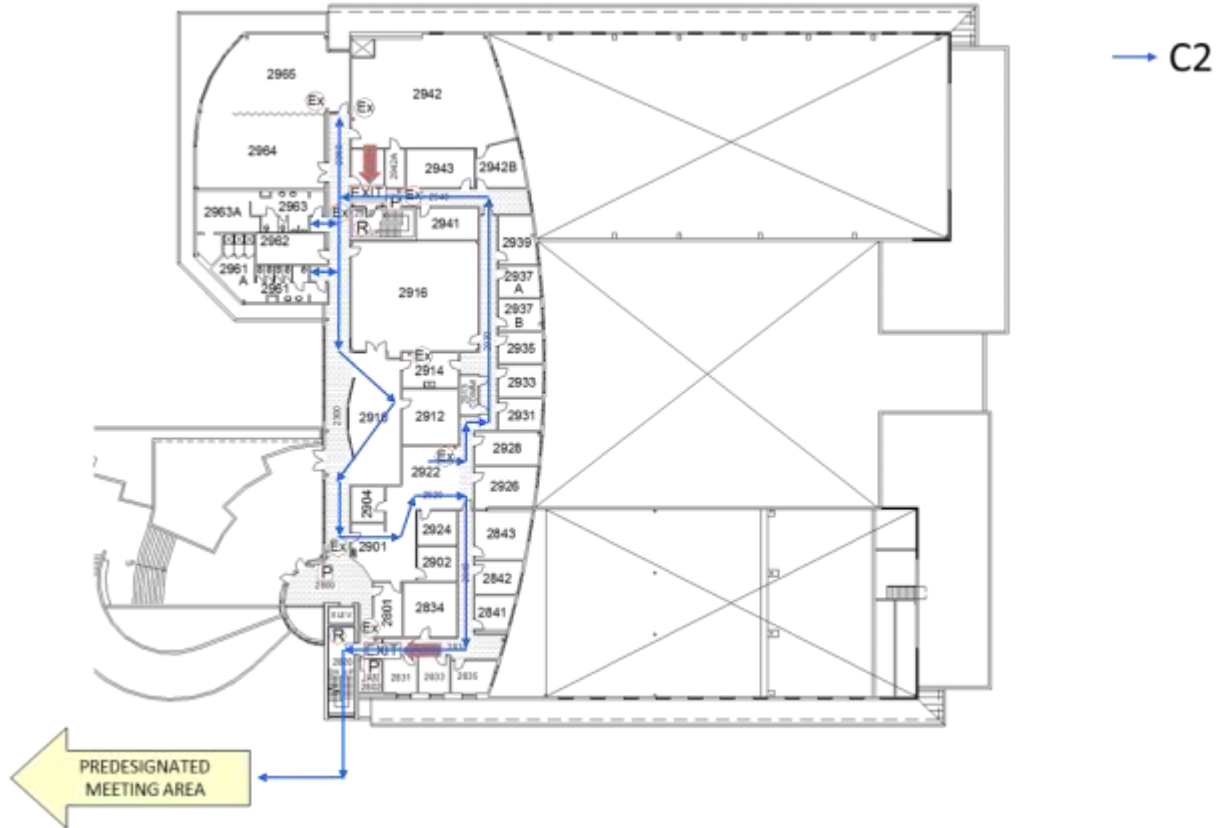


Figure 8 Key Plan of the Second Floor of CAWP (enlarged view).

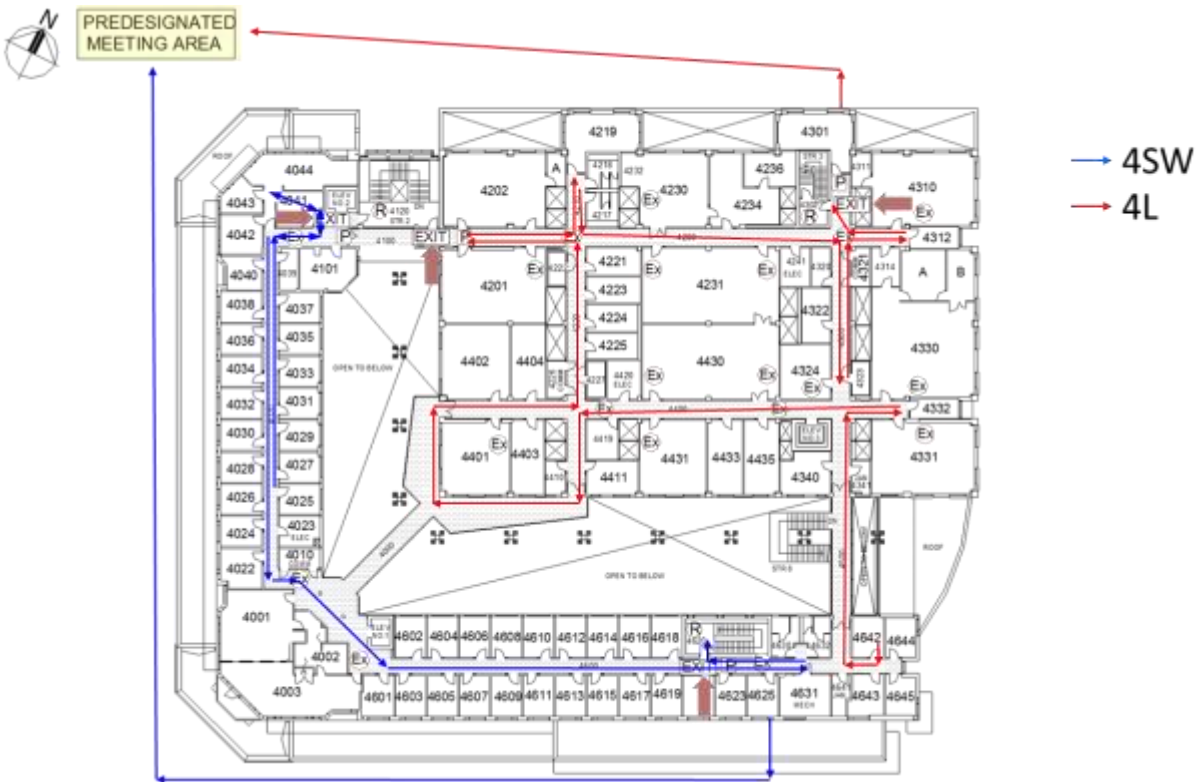




Figure 9 Key Plan of the Third Floor of the FSC. Standpipes (not marked) are located in stairwells 2, 3, and 4 (NW, NE, and SE stairwells).

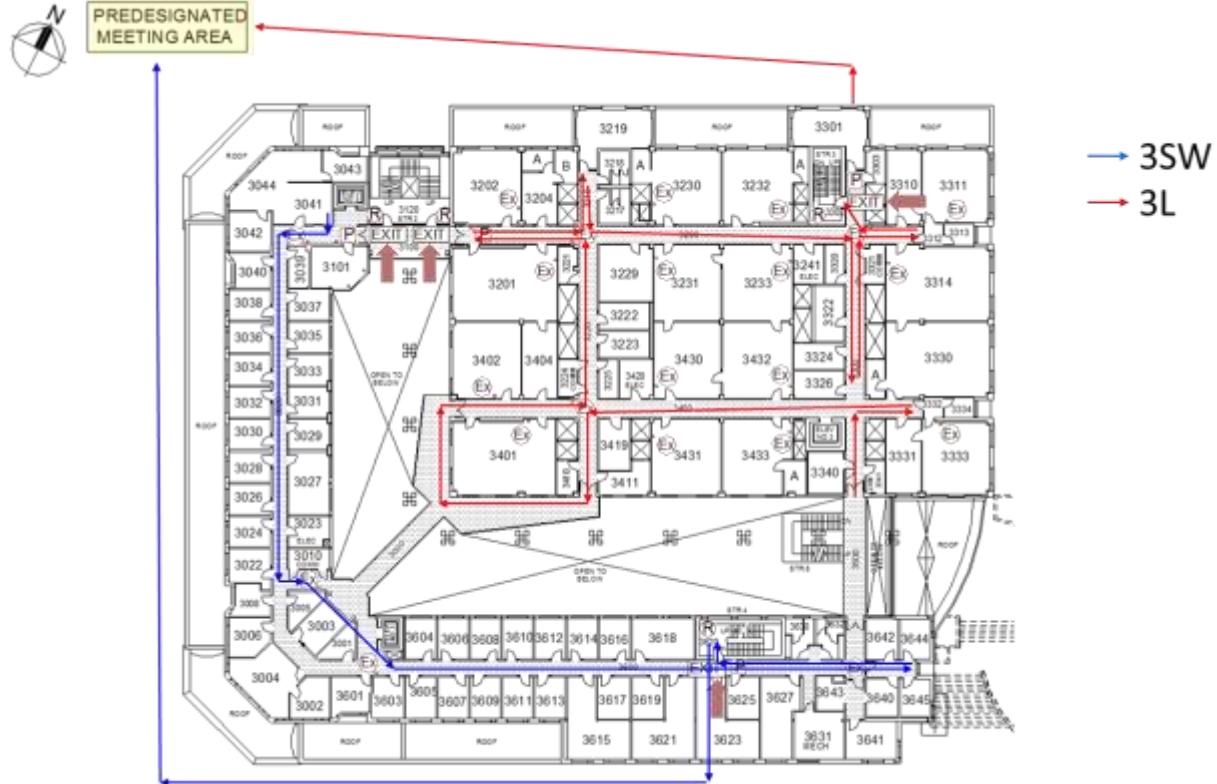
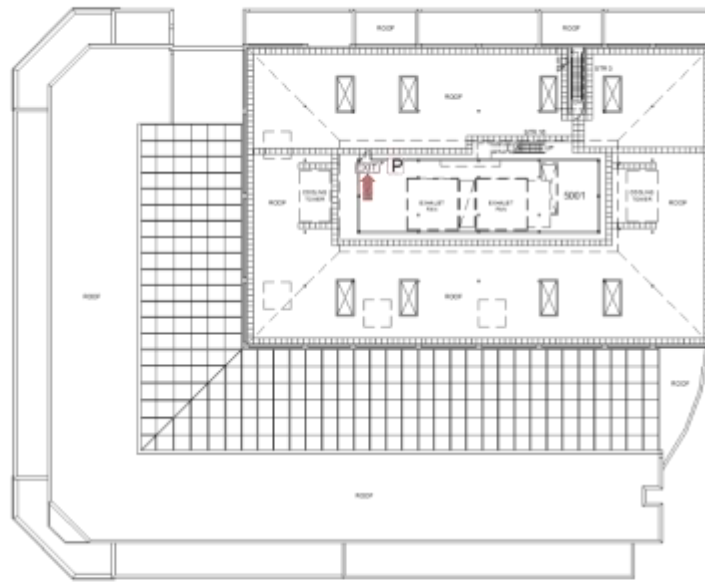


Figure 10 Key Plan of the Fourth Floor of the FSC. Standpipes (not marked) are located in stairwells 2, 3, and 4 (NW, NE, and SE stairwells).



PREDESIGNATED
MEETING AREA

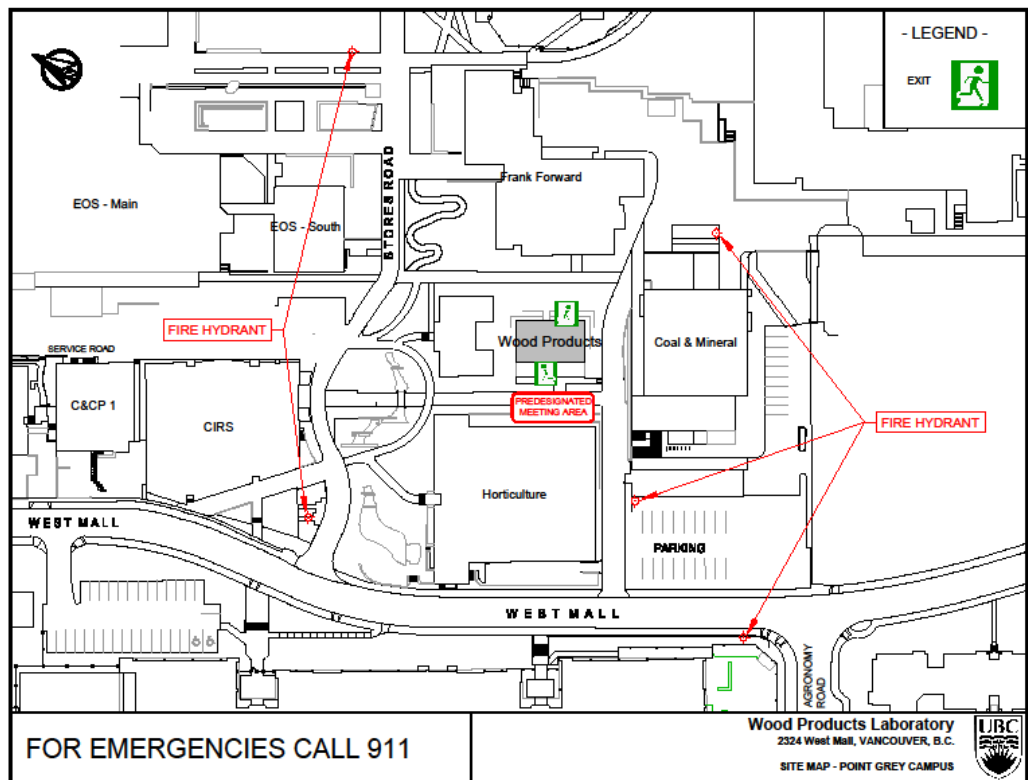


PENTHOUSE FLOOR PLAN
N.T.S.



MECHANICAL SERVICE DECK PLAN

Figure 11 Penthouse Floor plan



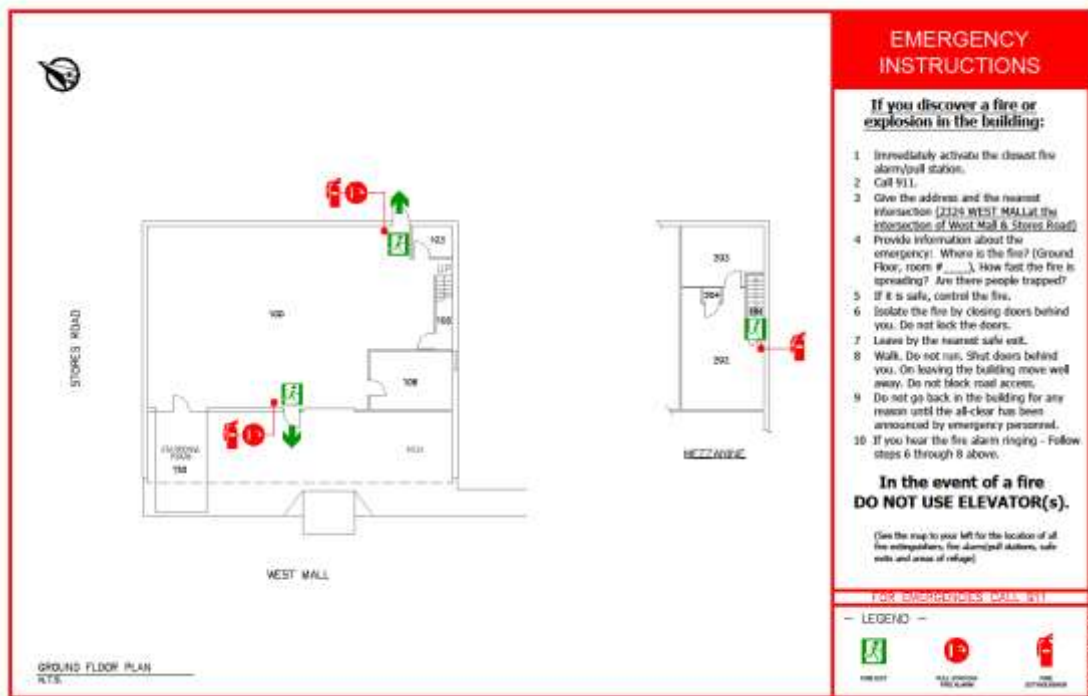


Figure 12 Wood Products Drying Lab: (top) Location of Wood Drying on campus and (bottom) floor plan of the lab itself.



Appendix 3: Disability and Accessibility Considerations

Individuals with disabilities or ongoing medical conditions may require Individualized Evacuation Plans (IEPs) in order to ensure safe evacuation in case of an emergency. Disabilities are diverse and at times, invisible. Information provided below can serve as a starting point for disability-related considerations during an evacuation, but the most important information needs to be gathered from the disabled individual as they are the expert in their personal experience and needs.

Limited Mobility

- Individuals with barriers to mobility will need to determine how they will be evacuated in an emergency when elevators cannot be used
- Consider the use of evacuation chairs
- If the individual will have to wait for emergency services to evacuate them, a safe location inside the building should be identified in the Individualized Evacuation Plan (IEP)

Visual Impairments or Blindness

- Individuals with visual impairments may not be able to evacuate independently. Individuals with visual impairments should be consulted on whether or not they require sighted guide to evacuate in an emergency. See **Appendix 4: Individualized Evacuation Plan**. Exit signage and directional signage for those with visual impairments is clearly and strictly specified by codes (requirements include type, size, spacing, color of letters, etc.). Tactile signage must be designed and properly located so they can be readily found by a person with a visual impairment from any direction of approach to the exit access.
- During an emergency evacuation, pre-determined evacuation routes may be obstructed, individuals with visual impairments will need to know if an alternate route should be taken

The personal evacuation plan for an individual with a visual impairment needs to be prepared and kept in the alternative format that is accessible to the individual, including but not limited to Braille, large type, or tactile characters.

Speech Impairment or Vocal Disability

Individuals with speech impairments should be aware of whether emergency telephones in elevators are limited to voice communication and who would be responding to it. Alternate communication to emergency support in an elevator should be established for this individual (e.g. texting Floor Warden in the event of an elevator-related emergency).

Individuals that face barriers to speaking on the phone should consider [registering for T911](#) to allow for text reporting of emergencies to emergency services.



Appendix 3: Disability and Accessibility Considerations

Deaf or Hard of Hearing

Individuals who are Deaf or Hard of Hearing may not be able to hear alarms and voice announcements that warn of danger and the need to evacuate. Many codes require new buildings to have flashing strobe lights (visual devices) as part of the standard building alarm system, but because the requirements are not retroactive many buildings do not have them. Additionally, strobe lights are required only for fire alarm systems and simply warn that there may be a fire, and not for other type of emergency evacuations systems.

It is extremely important for Individuals who are Deaf or Hard of Hearing to know what visual notification systems are in place. They need to be aware of which emergencies will activate the visual notification systems and which emergencies will not. Alternative methods of notification need to be put in place in your workplace for Individuals who are Deaf or Hard of Hearing so they can get all the information they need to evacuate in a timely manner.

Important notes:

- If an individual who is Deaf or Hard of Hearing is likely to be in one location for a significant period of time, such as at a desk in an office, installation of a reader board in the work area might be useful
- Other notification methods include personal notification devices which can be activated by a building's alarm system, instant email, or phone communications
- Deaf and Hard of Hearing individuals should consider [registering for T911](#) to allow for text reporting of emergencies to emergency services

General Tips for Individuals that require Individualized Evacuation Plans

- Centre the individual with the disability or medical condition as the expert in their experience. Consult them first about what evacuation concerns they have
- Ask others for input, such as community directors, staff, faculty, supervisors, and co-workers.
- Choose two evacuation routes for each building
- Assign primary and alternate assistants
- Do not consider using elevators in your plan
- Consider alternative carry and/or communication methods
- Attach written instructions to all disability related equipment
- Think about your needs for preparedness kits, for example, disability related equipment, communication devices, service animal food, and three days' worth of medication, if applicable.
- If applicable, ensure the individual has a list of all of their medications (names, dose, frequency, and name of doctor)
- Have easy access to emergency contact information at all time
- Participate in drills and review effectiveness of plan



Appendix 4: Individualized Evacuation Plan (IEP)

An Individualized Evacuation Plan (IEP) is a customized plan that details the assistance a worker needs to safely evacuate a building during an emergency. IEPs are developed collaboratively with the Building Emergency Director.

Employees, Building Emergency Directors and other involved safety representatives are encouraged to reflect on a variety of emergency situations when developing an IEP. This could include a fire, earthquake or an active shooter (i.e. alternatives to RUN, HIDE, FIGHT).

The completed forms are to be kept in a binder with the BERP in a controlled access area so they are not readily available to others. There should be a regular review of IEPs, ensuring primary and alternate assistants are aware of their responsibilities and contact information is updated and if accessibility needs reported are temporary. If assistance is no longer required, the IEP will be kept confidentially for one year and then shredded as per BC's *Freedom of Information and Protection of Privacy Act* requirements.

To respect personal privacy, do not distribute or publish any IEPs. Remove these pages from the BERP before widely distributing the BERP within the building.



Appendix 4: Individualized Evacuation Plan (IEP)

IEP Developed for: Insert Name

PART 1: PRIMARY LOCATION		
Building	Room Number	Department
PART 2: CONTACT INFORMATION		
Primary Phone	Cell Phone	Email Address
PART 3: DURATION OF PLAN		
Detail if IEP is required temporarily or permanently (throughout entire employment duration)		
PART 4: EVACUATION CONSIDERATIONS		
Detail the barriers to evacuation that would need to be eliminated. Provide information on what resources would be needed to eliminate these barriers.		
PART 5: IF APPLICABLE, CONTACT INFORMATION FOR PRIMARY ASSISTANT(S)		
Primary Phone	Cell Phone	Email Address
PART 6: IF APPLICABLE, CONTACT INFORMATION FOR ALTERNATE* ASSISTANT (S)		
*Alternates are to assist when the primary assistants are not available		
Primary Phone	Cell Phone	Email Address
PART 7: PRIMARY EVACUATION ROUTE		
Describe the primary route that will be taken and attach a map outlining it		
PART 8: SECONDARY EVACUATION ROUTE		
Describe the secondary route that will be taken and attach a map outlining it		
PART 9: IF APPLICABLE, TRAINING FOR THE ASSISTANT		
Is Training required for the assistant?	Is the required training completed by the assistant?	Is there documentation showing completed training?
PART 10: IF APPLICABLE, PERSONAL EMERGENCY PREPAREDNESS KIT		
Detail the location of any Personal Emergency Preparedness Kit		



Appendix 5: Elevator Upgrade Project

The Elevator Code has been revised to include Firefighters' Emergency Operation (FEO). This ensures that the fire department can use the elevator during a fire. As a result of this code, if applicable, the university has performed upgrades elevators that provide the Fire Department the ability to manually control elevators in emergency situations. The upgraded elevators will have a smoke detector installed in the lobby of the elevator on every floor. When smoke is detected, the elevators will not be operational to building occupants but can still be manually operated by the fire department.

For more information on these upgrades please contact Facilities Fire Life Safety at fls.buildingops@ubc.ca



Appendix 6: Operating a Fire Extinguisher

The following instructions are applicable for most fire extinguishers. However, it is recommended that Building Fire Wardens take instruction in operating fire extinguishers. This is no longer done by the Fire Department or Safety & Risk Services and training must be arranged through a private contractor.

Building Floor Wardens should concentrate on a safe evacuation of their area of responsibility if they are not trained in fire extinguisher operation.

If you need to use a fire extinguisher, remember the word PASS –

- **Pull** the pin – Fire extinguishers often have a pin, latch, or puncture lever that you need to release first
- **Aim** low – Aim the nozzle or hose of the extinguisher at the base of the fire
- **Squeeze** the handle – This releases the extinguishing agent
- **Sweep** from side to side – Move in close, and sweep across the base of the fire. Always back away and watch for rekindling of the fire

Discharge the entire contents of the extinguisher.

Immediately contact the Service Centre at 604-822-2173 and arrange for the fire extinguisher to be recharged.

*Foam and water extinguishers require a slightly different technique. Always read the instructions on the label before you need to use a fire extinguisher.



Appendix 7: Contributors and Resources

The table shown below lists the UBC departments and external agencies that have contributed information as subject matter experts in the development of this document. These individuals also serve as resources for any questions/concerns arising out of this document.

DEPARTMENT/AGENCY	NAME (TITLE)
Fire Department	Rick Cheung (Assistant Chief- Fire Protection Engineer UEL/UBC)
UBC Facilities	Naval Aery (Fire & Life Safety Head)
UBC Energy and Water Services	Richard Hugli (Senior Manager – Electrical Utilities, Engineering & Utilities)
UBC Safety & Risk Services	Rae Ann Aldridge (Executive Director, Safety & Risk Services)
	Bruce Anderson (Director, Occupational Health & Safety)
	Sam Stevens (Director, Campus Security)
	Paul Nakagawa (Manager, Safety Program Management & Systems)
	Teela Narsih (Advisor, Safety Programs)