



## 4.0 Life Safety Systems and Building Features

Building Name: **Beaty Biodiversity Centre**

Building Address: **2212 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 [Facility Manager](#) to assist in determining what's present

- Automated External Defibrillators (AEDs)
- 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

*(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)

**CLOSEST LOCATION TO YOUR BUILDING is the lobby (room 114) of the 1st floor of the Biodiversity Research Centre side of the building, near elevator and stairwell #2.**

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



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### 4.1 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 Building Operations. Refer to **Appendix 1: Emergency Response Key Plans** to find out how to obtain EKP for your building.

### 4.2 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 Building Operations.

### 4.3 Emergency Power (if applicable)

A power generator may be available for your building and is located at **Emergency Generator room 082 in the basement**. 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.

### 4.4 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 Building Operations. The locations of fire alarm pull stations are indicated on **Appendix 1: Emergency Response Key Plans**.

### 4.5 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.

### 4.5 Fire Hydrant(s)

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

### 4.6 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: **Not Applicable**

### 4.7 Sprinkler System (if applicable)

A sprinkler system may be installed in this building. The main control valves are in the sprinkler room at: **Room 080 in the basement**



## 5.0 Life Safety Systems and Building Features

### 5.1 Area of Refuge or Safe Location inside the Building

Area(s) of Refuge are predesignated locations in a building to hold occupants during a fire and/or other emergency or when evacuation may not be safe or possible. Area(s) of Refuge must: not be moved, remain in place, and never block any Means of Egress.

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 away from the hazard. A safe location inside the building can be scoped out prior to an emergency but may differ in the event of an emergency based on the location of the hazards.

The location of these occupants must be reported to the Emergency Responders (Fire Department) through the Building Emergency Directory and/or Building Floor Wardens *immediately*.