

# Emergency Evacuation Operations Plan

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**Architecture Hall  
Gould Hall &  
Community Design Building**

**February 10, 2018**

## Introduction

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Environmental Health and Safety (EH&S) developed this model Emergency Evacuation and Operations Plan (EEOP) to assist departments in preparing for building emergencies as expected and required by University policy, the Seattle Fire Code, and the Washington Administrative Code (WAC). This plan is intended for use by multiple departments and may be completed as a departmental or building evacuation plan. For buildings which are taller than four stories (High Rise Buildings), refer to additional requirements in Appendix P.

It is expected that departments will customize and complete this plan to meet their specific needs, operations, and locations. Departments and/or colleges with multiple buildings may develop a single plan for their facilities, as long as building specific information for each facility is included in Appendices A through D.

Review and dialog among multiple departments within a single building and/or individual fire zones must be part of the process of completing a building specific EEOP. Staff from EH&S are available to provide technical assistance, including reviewing a final draft of your EEOP.

The model EEOP was written to complement and supplement the University of Washington All-Hazards Emergency Management Plan (EMP) for campus operations during large scale or campus-wide emergencies. A copy of the UW EMP should be maintained in your department. Copies of the campus plan are available from the Office of Emergency Management and online at their website. Reviewing the campus EMP may be helpful while completing the attached EEOP. See Appendix J for more details.

Considerable effort has gone into trying to make this plan concise, clear, easy to use, and easy to implement. If we can be of further assistance, please contact me at (206) 616-5519.

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# Section 1

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## Purpose, Scope, and Emergency Resources

### Purpose

The purpose of this plan is to establish procedures and duties, to promote planning, and to establish staff training for the staff of Gould Hall, Architecture Hall, Gould Annex and the Community Design Building for fire, earthquake, bomb threats, chemical spill, and other emergency evacuations as required by Chapter 4 of the Seattle Fire Code, the Washington Administrative Code (WAC 296-24-567), and the UW All-Hazards Emergency Management Plan.

### Scope

This plan applies to all occupants in Gould Hall, Architecture Hall, Gould Annex and the Community Design Building.

### Coordination with Other Emergency Plans

An EEOP is a key component of Departmental Health and Safety Plans and University disaster planning. The EEOP must be coordinated with the following emergency/safety plans.

1. **The UW All-Hazards Emergency Management Plan:** The EMP provides the management structure, key responsibilities, emergency assignments, and general procedures to follow during and immediately after an emergency. It provides a temporary crisis management structure, which provides for the immediate focus of management on response operations and the early transition to recovery operations. The EMP includes procedures for communicating with the UW Emergency Operations Center as well as the management structure of the Incident Command System.

### Coordination with Departmental Health and Safety Plans

The EEOP reflects the university's emergency response procedures and programs and satisfies an element of the Departmental Health and Safety Plan required by the Department of Labor and Industries (WAC 296-24-567).

### University Emergency Resources and Contacts

Table 1 summarizes the UW's emergency resources, contact information, and responsibilities of each emergency resource.

### Emergency Communications

1. **Telephones:** The campus telephone system will be used to the extent possible. In case of system failure or a power failure, campus phones will not function. An alternative in some buildings is the emergency single line phones, which could function in a power outage. These phones, part of the UW's Emergency Communications System (ECS), are strategically located in nearly 200 locations throughout campus. Gould Hall, Architecture Hall, and the Community Design Building personnel will serve as messengers if phone communication is not an option.

2. **Fire Alarm System:** The building fire alarm system is continuously monitored for alarm by a contracted service and, in a backup capacity, by the UWPD Communication Center. All alarms result in an automatic response by Seattle Fire Department, UWPD, and Facilities Services' FOMS unit.

## **Employee Orientation**

New employees must be informed of the EEOP as part of their new employee safety orientation. This initial plan and all significant revisions to the plan should be routed to all personnel. The faculty and staff should be reminded of the plan as necessary and encouraged to discuss the plan with their research groups, students, and visitors. To assure the safety of all building occupants, the Evacuation Director and Evacuation Wardens will work together to assure all departmental employees are aware of the plan, and that students and visitors are also oriented as indicated in Section 2.

## **Evacuation Drills**

Evacuation drills will be scheduled, conducted, and recorded by the Evacuation Director. Procedures for planning, scheduling, conducting, evaluating, recording, and reporting evacuation drills are outlined in Appendices E, F, and G.

**Table 1: University Emergency Resources and Contacts**

Emergency Resource	Contact Information	Purpose & Responsibilities
UW Police Department (UWPD) 3939 15 <sup>th</sup> Ave NE	Emergency Assistance: From a UW phone, Dial 9-1-1.  Non-Emergency Assistance: 206-685-8973	UWPD maintains an Emergency Communications Center 24 hours a day, 7 days a week. Call UWPD for emergencies of any kind, including but not limited to fire, medical emergency, or hazardous material spills or release.
Environmental Health and Safety (EH&S) 201 Hall Health Center	Call 206-543-0462. After normal business hours, EH&S may be reached through the UWPD using the EH&S Duty Officer system.	EH&S maintains guidelines and provides training, consultation and support for building emergencies. EH&S is also available to provide consultation and support for hazardous material spills and releases, temporary controls, and other general information to the Seattle Fire Department (SFD), UWPD, and UW departments.
Facilities Services (FOMS & ATC-20)	Routine and emergency services (essential services are covered 24 hours a day) may be obtained by calling: 206-685-1411 or through UWPD.	Facilities Services maintains a 24 hours a day, 7 days a week response unit called "FOMS" or "Unit 2." The FOMS respond automatically to all fire alarms, and other emergencies to provide support for the UWPD and SFD. This support includes, but is not limited to, the operating/resetting of the fire alarm system; operating the heating, ventilation, and air-conditioning systems (HVAC); and the shutdown of steam, water, electrical, and other utilities. Also provides ATC-20 teams for rapid structural assessments of buildings following earthquakes.
UW Office of Emergency Management (UWEM)	Call 206-897-8000 during normal business hours.	UWEM staff is available during normal business hours to provide general disaster planning guidance and training resources to faculty and staff. UWEM maintains and coordinates all EOC activities and campus-wide disaster drills and recovery efforts.

**Report all emergencies to the UWPD immediately.**



**Table 1: University Emergency Resources and Contacts cont.**

<b>Emergency Resource</b>	<b>Contact Information</b>	<b>Purpose &amp; Responsibilities</b>
UW Emergency Operations Center (EOC)	The primary EOC is located in UW Tower, 4333 Brooklyn Ave NE, Room C-140. The secondary EOC location is Lander Hall, Room L-135. Call UW 9-1-1	For a major local or regional emergency, the UW President or his/her designee may request activation of the University's Emergency Operations Center (EOC). EOC staff will decide on the use of available resources and communicate with outside agencies and authorities. Information on missing persons, building emergencies, first aid, and other needs during a large-scale emergency must be provided to the EOC by using campus telephone systems, computer, (See Emergency Communications in Section 1) or by runner if the telephone systems fail.
KOMO 1000 AM	On the radio at AM 1000 and/or call UW 206-897-4636	The Official Area Broadcast Station in case of major disaster or University "suspended operations." Tune into this station for information.

**Report all emergencies to the UWPD immediately.**

## Section 2

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### **Building Evacuation: UW Personnel Duties and Responsibilities**

An effective emergency evacuation and subsequent response requires the coordination of many occupants in a building. All building occupants, including employees, faculty, staff, and students, need to be aware of their roles and responsibilities in case of an emergency. This section outlines specific responsibilities for employees, faculty, and staff, as well as the Evacuation Director and Evacuation Wardens.

### **Responsibilities of UW Departments and Staff**

#### **Employees, Faculty, and Staff are responsible for:**

1. Being familiar with and following EEOP procedures when required
2. Participating in drills and training as required
3. Orienting students with a brief overview of emergency evacuation procedures on the first day of class to assure that:
  - They are aware that evacuation is required when the alarm system is activated.
  - They know where the nearest exits are located (see Appendix K, and building plans in Appendix C).
4. Informing and assisting visitors unfamiliar with building procedures as appropriate prior to and during an emergency evacuation

### **Responsibilities of the Evacuation Director and Evacuation Wardens**

The Evacuation Director, Evacuation Wardens, and their alternates are employees and occupants of the building and have either volunteered or been appointed to serve in these positions. They receive special training and the authority for their role in employee safety.

#### **Evacuation Director Responsibilities and Control**

1. The Evacuation Director acts as the liaison with the responding emergency service, EH&S, and others in the event of a building emergency. In their absence, the alternates are responsible for carrying out the requirements. If an emergency happens when these members of the department are not available, the most senior employee will have decision-making authority. A contact person, appointed by the advisor of each research group, is responsible for laboratories and work areas (See Appendices A and B). Any possible problem areas should be reported to responding emergency personnel.
2. For a community wide event (Level III), the Evacuation Director or an alternate will establish contact with their Unit Response Center if their department/building has one. Otherwise contact the UW Emergency Operations Center (EOC) directly. The first location for the EOC at the UW Tower 4333 Brooklyn Room C-140. The secondary location is in room L-135 at Lander Hall. Contact will be established by normal phone system (9-1-1), single line phones or runners.
3. Refer to Checklist 1 on the following page for a detailed list of the Evacuation Director duties and responsibilities.

### **Evacuation Warden Duties and Responsibilities**

Checklists 2a and 2b list the responsibilities and duties of the Evacuation Wardens. Checklist 2a is for pre-evacuation planning and training. Checklist 2b lists the Evacuation Warden's duties and procedures during emergency evacuations.

### **Responsibilities of Faculty, Lecturers, and Teaching Assistants**

Checklist 3 lists the responsibilities and duties of faculty, lecturers, and TAs (also see Appendix K).

## Checklist 1: Evacuation Director Duties and Responsibilities

Subject Area	Duties / Responsibilities	
Administrative	Prepare and maintain the building EEOP.	<input type="checkbox"/>
	Keep a copy of the completed EEOP in all department reference stations.	<input type="checkbox"/>
	Review the EEOP at least annually and confirm that it is current.	<input type="checkbox"/>
Pre-Emergency Coordination	Coordinate with building/department administrators responsible for employee, student, and visitor health and safety.	<input type="checkbox"/>
	Ensure that public event staff are assigned duties and receive required training for events with occupancy of 50 or greater (see Appendix G).	<input type="checkbox"/>
	Ensure that classroom instructors inform students about emergency procedures, exit routes, and assembly points on the first day of class.	<input type="checkbox"/>
	Ensure that emergency procedures for special needs populations are developed.	<input type="checkbox"/>
	Ensure that new and temporary employees, including student employees, are informed about emergency procedures outlined in the EEOP during new employee safety orientation.	<input type="checkbox"/>
Evacuation Wardens	Assign Evacuation Wardens (and alternates) for all areas of the building and ensure that they know what their duties are in case of an evacuation.	<input type="checkbox"/>
	Evacuation Warden orientation is required when there are personnel changes.	<input type="checkbox"/>
	A current list of Evacuation Wardens and alternates is to be maintained in the building's EEOP (see Appendix A).	<input type="checkbox"/>
	Schedule "Evacuation Warden Training" for assigned personnel. Contact the EH&S Training Office.	<input type="checkbox"/>
Training and Drills	Schedule, conduct, and record evacuation drills as required by the Seattle Fire Code and WAC 296-24 (see Appendices E, F, and G).	<input type="checkbox"/>
Emergency Evacuation	Ensure that emergency services, UWPD, FOMS, SFD, and EH&S are notified for all building emergencies as appropriate.	<input type="checkbox"/>
	During a building evacuation, report to the evacuation assembly point and act as a liaison with responding emergency services.	<input type="checkbox"/>
	Receive status reports from area evacuation wardens.	<input type="checkbox"/>
	Provide information about the building layout, systems, processes, and special hazards to Facility Services, SFD, UWPD, and other emergency personnel.	<input type="checkbox"/>
	Help the Facility Services Personnel (FOMS), and the SFD in the operation of the Fire Alarm Panel if required.	<input type="checkbox"/>
	Coordinate with building administrators on occupancy and operation issues.	<input type="checkbox"/>
	Assign Evacuation Wardens or other personnel, as needed, to be stationed by all entrances to prevent unsuspecting personnel from reentering the building.	<input type="checkbox"/>
	When SFD or UWPD signals "ALL CLEAR," the Evacuation Director notifies the Evacuation Wardens that the occupants may reenter the building.	<input type="checkbox"/>

## Evacuation Director Checklist

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Gould & Architecture Hall, and the  
 Building: Community Design Building Time: \_\_\_\_\_ am/pm

Location within building (floor, wing, room): \_\_\_\_\_

Type of incident (manual pull, smoke, sprinkler): \_\_\_\_\_

Evacuated Floors: \_\_\_\_\_

Evacuation Assembly Point (EAP): \_\_\_\_\_

Secondary EAP: \_\_\_\_\_

### Evacuation Tasks

1. Collect hat, phone, clipboard, and personal belongings.
2. Report to the building entrance.
3. Tell those evacuating and anyone trying to reenter the building to go to the primary EAP. If the primary EAP is unavailable, send everyone to the secondary evacuation assembly point.
4. Collect known information about the incident from individuals evacuating the building (fire, smoke, persons in building, etc.).
5. Ask 1<sup>st</sup> evacuation warden for known information about the incident.
6. Report known information to emergency personnel (approximately 10 min. after incident).
7. Stay at the front of building for further direction from emergency personnel.

Assignment	Name
1 <sup>st</sup> Evacuation Warden – assign to EAP (They should have a phone, hat, whistle, and clipboard.)	<b>Meegan Amen</b>
2 <sup>nd</sup> Evacuation Warden – assign to front entrance to help Evacuation Director maintain communication with EAP	<b>Rachel Ward</b>
3 <sup>rd</sup> Evacuation Warden – assign to door, directing all to EAP	
4 <sup>th</sup> Evacuation Warden – assign to door, directing all to EAP	
All other Evacuation Wardens assign to EAP	

Known Info (fire, smoke, persons in building, etc.)	Provided by

## After the All-Clear Signal

1. Call 1<sup>st</sup> Evacuation Warden at the EAP to allow the staff to return and reenter the building.
2. Assign an Evacuation Warden to assist staff with disabilities back to their rooms.
3. De-brief all Evacuation Wardens (collect facts) to write-up a report and submit to EH&S.

## Important Phone Numbers and Contact Information

Building Coordinator:	Meegan Amen 206.616.2439
Evacuation Director:	Meegan Amen 206.616.2439
Evacuation Director Back-up:	Rachel Ward 206.616.2440

### Gould Hall Evacuation Wardens

Basement Floor Warden:	Mark Baratta 206.543.4872 & Ross McKenzie 206.543.9949
1 <sup>st</sup> Floor Warden:	Rachel Ward 206.616.2440
2 <sup>nd</sup> Floor Warden:	Rachel Ward 206.616.2440
3 <sup>rd</sup> Floor Warden:	Alan Michelson 206.543.7091 & Josh Polanski 206.543.7598
4th Floor Warden:	Larissa Austin Maziak 206.685.4056 & Diana Siembor 206.685.4055

### Community Design Building Evacuation Wardens

1 <sup>st</sup> Floor Warden:	Meegan Amen 206.616.2439
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### Architecture Hall Building Evacuation Wardens

Building Warden:	Katherine McDermott 206.543.4736
Building Warden:	Matt Sharp 206.685.3790

## Checklist 2a: Evacuation Warden Pre-evacuation Planning and Coordination

Subject	Duties / Responsibilities	
Administrative	Be familiar with the EEOP. It contains: <ul style="list-style-type: none"> <li>• The function and activities of building staff during emergencies</li> <li>• How to coordinate with responding emergency personnel</li> <li>• Information on the building and its emergency protection systems</li> <li>• Emergency equipment testing procedures</li> <li>• A list of all the evacuation wardens in your building</li> </ul>	<input type="checkbox"/>
	Distribute copies of the completed EEOP, or appropriate sections of it, to all people in your area of responsibility.	<input type="checkbox"/>
Pre-Emergency Coordination	Know where persons with disabilities are located in your area and what their alarm response will be (See Appendix D). Areas of Refuge or individual rooms may be used by persons with mobility disabilities during a fire alarm. The Areas of Refuge may be identified on your evacuation plans found in Appendix C. If you have a staff member with a mobility disability and cannot find an area of refuge on your floor plan, contact EH&S Fire Safety at 206-616-5519	<input type="checkbox"/>
	Coordinate with the other Evacuation Wardens on your floor to work together and avoid duplication of tasks.	<input type="checkbox"/>
	Walk over your primary and secondary evacuation routes at least once to familiarize yourself with emergency exits and routes to the Evacuation Assembly Points (EAPs).	<input type="checkbox"/>
	Know where hazardous conditions or situations in your area may exist. Know the location of flammable, radioactive and other hazardous materials, as well as chemical and/or biological spill cleanup kits.	<input type="checkbox"/>
	Know where the phones and pull stations are and know HOW to turn on an alarm.	<input type="checkbox"/>
	Know how the alarm system responds. For most buildings, the alarm sounds throughout the building and all occupants, except persons with physical disabilities, must evacuate. High-rise buildings may only alarm in certain floors or areas.	<input type="checkbox"/>
	Become familiar with the location and operation of emergency equipment, including fire extinguishers, first aid kits, spill cleanup kits, and disaster supply kits.	<input type="checkbox"/>
Training	Attend training sessions and meetings to review procedures and duties, if necessary. EH&S and SFD offer Evacuation Warden training sessions regularly.	<input type="checkbox"/>
	Participate in evacuation drills as requested by Evacuation Director.	<input type="checkbox"/>

## Checklist 2b: Evacuation Warden Emergency Evacuation Duties

Subject	Duties / Responsibilities	
Building Evacuation	Begin at the farthest reach of your area and assure that the occupants ahead of you have evacuated. Direct occupants to the exits and tell them where to reassemble.	<input type="checkbox"/>
	Conduct a quick search as you go to make sure hazardous equipment is shut off, doors are closed and no one is left behind.	<input type="checkbox"/>
	If a stairway is full of smoke go to another stairway.	<input type="checkbox"/>
	If there is smoke in the hall, stay low, cover your mouth with a damp cloth or handkerchief, visualize where the exits are, stay close to and use the wall to guide you so you do not become confused.	<input type="checkbox"/>
	If there is no smoke, you may have trouble getting people to evacuate. Be assertive, positive and insistent.	<input type="checkbox"/>
	Students and visitors who may not be familiar with this plan must be informed of the requirement to evacuate.	<input type="checkbox"/>
	If you have helpers, station them in front of the elevator to make sure no one attempts to use it.	<input type="checkbox"/>
	Do not go to the roof unless it is the only way out; often, there are too many obstructions for a helicopter rescue.	<input type="checkbox"/>
At the EAP	Conduct a headcount by using the checklist in Appendix I to account for all occupants in your area of responsibility.	<input type="checkbox"/>
	Immediately report to the Evacuation Director any missing persons on your list and their last known location.	<input type="checkbox"/>
Special Items	Do not allow the stairway doors and other exit doors to be blocked/wedged open. Leaving stairway doors blocked or held open makes the stairwells dangerous and unusable.	<input type="checkbox"/>
	Special attention needs to be given to all persons with disabilities, in particular those who are visitors and unfamiliar with the building. A process is necessary to insure they are notified and accounted for. See Appendix D for further details.	<input type="checkbox"/>

**Note: Silencing of the alarm is NOT to be considered an all-clear signal!**



## Evacuation Warden Checklist

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Gould & Architecture Hall, & the  
Building: Community Design Building Time: \_\_\_\_\_ am/pm

Location within building (floor, wing, room): \_\_\_\_\_

Type of incident (manual pull, smoke, sprinkler): \_\_\_\_\_

Evacuated Floors: \_\_\_\_\_

Evacuation Assembly Point (EAP): \_\_\_\_\_

Secondary EAP: \_\_\_\_\_

### Evacuation Tasks

1. Collect hat, phone, clipboard, and personal belongings.
2. Check in with the Evacuation Director at a predetermined location (lobby, etc.).
3. Report to the Evacuation Assembly Point (EAP).
4. Collect known information about the incident from individuals at the EAP (fire, smoke, persons in building, etc.).
5. Report the collected information to the Evacuation Director via mobile phone or runner.
6. Keep all staff, visitors, and others away from the building. Do not allow reentry.
7. Await further instruction from the Evacuation Director.

Known Info (fire, smoke, persons in building, etc.)	Provided by

### After the All-Clear Signal

1. Allow occupants to reenter the building.
2. Report to the Evacuation Director at the front of the building for de-briefing.

Notes

### Checklist 3: Duties and Responsibilities of Faculty, Lecturers, and TAs

Subject Area	Duties / Responsibilities	
Administrative/ Preparation	Provide classroom or audience with general information relating to emergency procedures. This information should be shared during the first week of class or at the start of a seminar. Note the posted information for “Classroom Emergency Procedures/Checklist” (See Appendix K).	<input type="checkbox"/>
	Know how to report an emergency from the classroom being used.	<input type="checkbox"/>
	Assure that persons with disabilities have the information they need. The instructor should be familiar with the student’s plan and also be able to direct visitors with disabilities.	<input type="checkbox"/>
Emergency Evacuation	Take responsible charge of the classroom and follow emergency procedures for all building alarms and emergencies.	<input type="checkbox"/>

## Section 3

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### Specific Emergency Procedures

#### Procedure 1: Fire Emergencies and Building Fire Alarms

##### Procedures for Occupants

- When an alarm sounds on your floor or area, begin immediate evacuation following your floor plan (see Appendix C). Close doors behind you.
- If you discover a fire, activate the nearest pull station and call 9-1-1. Then you may attempt to put it out if it is small (no larger than a wastebasket) and you have called for HELP. If the fire is too large or you are uncomfortable or unfamiliar with the proper use of a fire extinguisher, simply close the door and evacuate.
- If the fire alarm does not work, call 9-1-1 and notify occupants verbally of the emergency and the need to evacuate. Evacuation Wardens or another responsible party needs to confirm that all occupants are notified.
- If you are on fire, STOP – DROP – ROLL. If another person is on fire, yell “STOP – DROP – ROLL.”
- Evacuate via the nearest stairwell or grade level exit. Do not block exit doors or wedge them in an open position. The doors must remain closed to keep smoke out and maintain safety for evacuation and fire personnel. Leaving doors open makes the stairwells dangerous and unusable. Persons with physical disabilities have several options (see Appendix D).
- Go to your pre-determined Evacuation Assembly Point (EAP) as outlined in Appendix C. You may have two or more EAP’s depending on the size of the building. Immediately report to an Evacuation Warden so that he or she can accurately track which occupants were able to evacuate. Evacuation Wardens will report to the Evacuation Director.
- If you are trapped by smoke, stay low, cover your mouth with a wet cloth, stay near a window, open it but do not break it, hang something out the window to let fire personnel know you are there and put something in the cracks around the door, phone 9-1-1 if possible.

##### Special Instructions for Evacuation Wardens

- See Section 2 for the Evacuation Warden Checklist.
- Begin at the farthest reach of your area and assure that the occupants ahead of you have evacuated. Conduct a quick search as you go to make sure hazardous equipment is shut off, doors are closed and no one is left behind. If there is smoke in the hall, stay low, cover your mouth with a damp cloth or handkerchief, visualize where the exits are, stay close to and use the wall to guide you so you do not become confused. If there is no smoke, you may have trouble getting people to evacuate. Be strong, positive and insistent. Students and visitors who may not be familiar with this plan must be informed of the requirement to evacuate.
- Direct occupants to the exits and tell them where to reassemble (see Appendix C). If you have helpers, station them in front of the elevator to make sure no one attempts to use it.

- Do not go to the roof unless it is the only way out; there is often too many obstructions for a helicopter rescue. If a stairway is full of smoke go to another stairway.
- At the Evacuation Assembly Point (EAP), conduct a headcount by using a checklist (see Appendix I) to account for all occupants in your area of responsibility. Immediately report to the Evacuation Director any missing persons on your list and their last known location.
- Do not allow the stairway doors and other exit doors to be blocked or wedged open. Leaving stairway doors blocked or held open makes the stairwells dangerous and unusable.
- Special attention needs to be given to any persons with disabilities, in particular those who are visitors and unfamiliar with the building. A process is necessary to insure they are notified and accounted for. See Appendix D for further details.

## Procedure 2: Earthquakes

### During All Earthquakes

#### Inside a Building

- Take cover immediately under a desk, table, or chair, in a corner away from windows, along a wall in a hallway, or in a structurally strong location such as a hall by a pillar.
- Watch for falling objects such as light fixtures, bookcases, cabinets, shelves, and other furniture that might slide or topple. Stay away from windows. Do not run outside.
- Do not dash for exits since they may be damaged and the building's exterior brick, tile, and decorations may be falling off.
- Do not use the elevators.

#### Outside a Building

- Remain outside
- Stay clear of electrical wires, poles, trees, or anything that might fall.

### After a Major Earthquake

#### Evacuation Wardens shall:

- Check for injuries to personnel in your area. Do not attempt to move seriously injured persons unless they are in immediate danger. Render first aid assistance if required.
- Check for fires or fire hazards, spills of flammable or combustible liquids, or leaks of flammable gases. These activities must not significantly delay departure from the building or put the Evacuation Warden in danger.
- Turn off ignition and heat sources if properly trained and it is safe to do so.
- Exit the building, if possible, and go to the EAP to report on injuries, damages, and potentially hazardous conditions. Take emergency/first-aid kit and personal belongings. Account for persons in your area of responsibility. Mass assembly areas may be used in the event of a major earthquake and/or if the EOC is activated (Emergency Level 2 or 3 – refer to EMP). See Appendix O for a map of mass assembly areas on UW Seattle Campus.
- Do not reenter until the building has been declared safe by trained emergency personnel (Seattle Fire Department or the ATC-20 assessment teams).
- Use the telephone system only for urgent matters. Call or send a runner to the Emergency Operations Center or Unit Response Center to notify them of any needed assistance and emergencies that may exist. Use handheld radios or Ham radio services if telephone services are not available.
- Expect Aftershocks.
- Evacuation Wardens who are also CERT team members must fulfill their evacuation warden duties first before joining the CERT team response.

## After a Minor Earthquake

- Restore calm.
- Examine your area for damage. Evacuation Directors may use the checklist in Appendix M to help assess if the building should be occupied, evacuated, and/or re-entered.
- Look for:
  - Damaged, leaking or ruptured utility lines (gas, water, electrical, telephone, computer network)
  - Toppled furnishings or equipment
  - Spilled hazardous materials
  - Damaged building components such as ceilings, walls, beams, columns, doors
- Evacuate the building if damage is found or the power is out. Report evacuation to UWPD or SFD. Do not reenter until the building has been declared safe by trained emergency personnel.
- Asbestos containing materials. Certain buildings will be evacuated for ALL earthquakes because of the potential damage of asbestos-containing building materials (see the list of buildings in Appendix M).
- Laboratories: Check for chemical spills. For small isolated spills, use spill cleanup procedures as outlined in “Laboratory Standard Operating Procedures”. If the SOP or chemical spill cleanup kit is not available, then evacuate lab and notify authorities. For larger spills, evacuate building and notify authorities. See UW Laboratory Safety Manual for earthquake procedures specific to laboratories.

### **Procedure 3: Hazardous Material Spills**

If the chemical spill endangers other people outside your workspace or might cause a fire, pull the nearest fire alarm to initiate evacuation and call the local fire department. Call 911 as soon as you are safe to let emergency personnel know what happened. Stay available to help emergency personnel.

If the spill caused serious injury or exposure, call 911 from any phone or location (except call 3000 at Harborview Medical Center.) For chemical exposure, use the eye wash or safety shower for 15 minutes, removing all clothing that is contaminated with the chemical.

If you have been exposed to a spill and are not sure whether or not you should seek medical attention, you should request an exposure assessment. Call the Employee Hall Health Clinic at 206-685-1026. If you are at Harborview Medical Center, call 206-744-3081.

The UW Police will notify the Seattle Fire Department who will respond to stabilize and contain the chemical spill, often leaving behind hazardous waste and contaminated equipment. If the hazardous waste is not properly cleaned up and packaged by the Seattle Fire Department, do not reoccupy the area. Contact Environmental Health & Safety at (206) 685-5835 for assistance.

Note that packaged waste must be handled according to chemical waste management policies and guidelines established in Section 3 of the Laboratory Safety Manual. Please Contact the EH&S Environmental Programs Office at (206) 685-5835 for assistance.

### **Procedure 4: Bomb Threats**

#### **Threat Recipients**

- University personnel receiving telephoned threats should attempt to get the exact location where the bomb has been planted, or is going to be planted.
- Attempt to get as much information as possible about the caller, for example, male or female, accent, etc. (use the Bomb Threat Checklist).
- Listen for any background noise that may indicate the location of the caller.
- The checklist on the next page lists information that can aid in locating a bomb. Complete the checklist as soon as possible after receiving a threatening call and report it immediately to the University Police Department at 9-1-1 (TDD 206-543-3323), from a UW hardline telephone.
- Bomb threats received through the mail or by other means are also to be reported immediately to the UWPD.

## Checklist 4: Bomb Threat Checklist

### Questions to Ask Caller

When will the bomb explode? \_\_\_\_\_

Where is the bomb? \_\_\_\_\_

What does it look like? \_\_\_\_\_

What kind of bomb is it? \_\_\_\_\_

What will cause it to explode? \_\_\_\_\_

Did you place the bomb? \_\_\_\_\_

Why? \_\_\_\_\_

What is your name? \_\_\_\_\_

Where are you calling from? \_\_\_\_\_

What is your address? \_\_\_\_\_

### Exact Words of Caller:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

### Describe the Caller's Voice (Circle all that apply)

Male	Female			
Calm	Disguised	Nasal	Angry	Broken
Stutter	Slow	Sincere	Lisp	Rapid
Giggling	Deep	Crying	Squeaky	Excited
Stressed	Accent	Loud	Slurred	Normal

### Additional Information

Was the caller male or female? \_\_\_\_\_

If the voice is familiar, whom did it sound like? \_\_\_\_\_

Were there any background noises? \_\_\_\_\_

Information Summary of a Telephoned Threat	
Exact time of call:	
Date received:	
Phone number received at:	
Person who received the call:	<i>(Insert full name and contact information)</i>

**Report all bomb threats immediately to UWPD at 911 or (206) 543-9331**



## Procedure 5: Suspicious Packages and Mail

A suspicious letter may have...	A suspicious package may have...
<ol style="list-style-type: none"><li>1. No Return Address</li><li>2. Restrictive markings, such as "PERSONAL!"</li><li>3. It is sealed with tape</li><li>4. The address has:<ul style="list-style-type: none"><li>• misspelled words</li><li>• is addressed to a title but not a person</li><li>• an incorrect title</li><li>• is badly typed or handwritten</li></ul></li></ol>	<ol style="list-style-type: none"><li>1. Oily stains, discolorations, or crystallizations on the wrapper</li><li>2. Stranger odor</li><li>3. Excessive tape</li><li>4. Is rigid or bulky</li><li>5. Lopsided or uneven</li><li>6. The weight is odd for its size</li></ol>

**Reference:** US Postal Service Poster – <http://about.usps.com/posters/pos84.pdf>

### If you find a suspicious package or letter:

1. Handle with care – do not shake or bump
2. Isolate it immediately
3. Don't open, smell, touch, or taste
4. Treat it as suspect
5. Evacuate the area and call 9-1-1 from a safe location

### If you suspect the mail may contain...

- 1. A bomb or explosive**
  - Evacuate immediately
  - Call 9-1-1 from a safe location
- 2. A radiological threat**
  - Limit exposure – do not handle
  - Evacuate area
  - Shield yourself from object
  - Call 9-1-1 from a safe location
- 3. A biological or chemical threat**
  - Isolate – do not handle
  - Evacuate Immediate Area
  - Wash your hands with soap and warm water
  - Call 9-1-1 from a safety location

If the letter or package has already been opened and a powder or other substance has spilled from it, **DO NOT CLEAN IT UP**. Leave it where it is, evacuate the area, wash your hands with soap and water, and call 9-1-1 from any campus phone.

Due to occasional anthrax threats in the United States, the Washington State Health Department and Center for Disease Control have issued guidelines to follow if you suspect a letter could contain dangerous substances. The guidelines sent out by these agencies are in the following section.

## Procedure 6: Anthrax Threat

### Background

Anthrax is a rare disease caused by bacteria, which is capable of forming spores that can survive in the environment for long periods of time. In an intentional exposure, such as a bioterrorism event, breathing in the spores is the most likely route of exposure that might lead to a serious infection.

Inhalation anthrax (through the lungs) is the most serious type of anthrax. It is caused by inhaling anthrax bacteria into the lungs. Initial symptoms may resemble those of flu or a common cold, such as fever, cough, headache, chills, weakness, difficulty breathing, and chest discomfort. After several days, the symptoms may progress to severe breathing problems and shock. This type of anthrax infection is often fatal if not treated promptly.

In the event of a suspected anthrax attack, follow the instructions below.

### Instructions

- 1. Follow Procedure 5 for suspicious letters and packages**
  - DO NOT open the package
  - Call 9-1-1 to request police and fire
  - If a powder or other substance spills out of the letter/package, **DO NOT CLEAN IT UP**
  - Evacuate the immediate area, and keep others away
  - Immediately wash your hands with soap and water
  - Ensure that all persons who have handled the letter or package wash their hands
  - Wait for the police and fire personnel to arrive
  - Start a list of names and telephone numbers for all persons who have handled the letter and who were in the immediate area when the letter/package was opened
- 2. Police and fire personnel will:**
  - Secure the area and the suspicious letter or package
  - Assess and determine whether a credible threat exists
  - Contact appropriate public health and other response officials
  - Decontaminate people and their clothing as appropriate
- 3. Persons with probable or known exposure:**
  - Will be directed to seek immediate medical attention
  - Will be monitored by local public health to ensure appropriate treatment and follow-up
- 4. People without known exposure:**
  - Should be assured that infection without known exposure is rare
  - Should seek medical care for further concerns following the incident
  - Should understand that there are not routine screening tests available to detect Anthrax infection in persons without known exposure to Anthrax spores
- 5. After the Spill of a Powder or Other Substances**
  - If police and fire deem there is a credible threat, they will determine who will clean the affected area before personnel will be allowed to return.
  - If police and fire personnel deem that there is no credible threat:
    - Clean up should be performed by following established protocols for cleaning spills
    - Facilities without protocol should use a 1:10 solution of household bleach in water
    - Powders should be wetted before disturbing them during clean-up

## Procedure 7: Medical Emergencies

There is a First Aid and CPR guide located in all first aid kits. These guides give detailed steps in the event of a heart attack, CPR and infant CPR, choking, bleeding, poisoning, and burns, as well as other injuries.

EH&S recommends First Aid/CPR training for a handful of building volunteers to assist with medical emergencies associated with building evacuation and emergencies.

### In the Event of a Medical Emergency

1. **Stay calm.** Assess the situation. Look for a Medic Alert bracelet or necklace on the person requiring help.
2. **Have someone call 9-1-1.** If you are alone, yell as loudly as possible for help. If you are unable to summon help, you have to call 9-1-1 first, and then return and assist the person to the best of your ability (see below).
3. **When calling 911,** give the operator as much information as possible, i.e. type of emergency, what help is needed, exact address, building name, room number, telephone number, information from Medic bracelet or necklace, and victim information. Don't hang up until you are told to do so by the 911 operator.
4. **Do not move the victim.**

## Procedure 8: Civil Demonstrations

1. The Use of University Facilities (UUF) division may be notified of an upcoming campus demonstration. In turn, the UWPD Special Operations Lieutenant will then be notified via e-mail or at (206-685-2550). Advanced planning of a campus demonstration can minimize disruption to normal campus activities. Should you find that a demonstration is causing a disruption to classes or businesses on our campus, contact the UWPD at 9-1-1 or the Special Operations Lieutenant at 206-685-2550.
2. In the unlikely event that a demonstration becomes destructive, get away from the area of potential harm and call 9-1-1. Have the building coordinator lock the main entrance. This will admit only persons with proper authorization to enter by swiping an employee access card.

## Appendix A

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### Responsible Individuals and First Aid Resources

#### Evacuation Director and Alternates

Evacuation Director	Alternate Evacuation Director
Meegan Amen	Rachel Ward
Facilities Coordinator	Fiscal/Budget Lead
Gould Hall 224	Gould Hall 224
206.616.2439	206.616.2440
meegan@u.washington.edu	wardrm@u.washington.edu

#### Evacuation Wardens and Alternates

Evacuation Warden #1	Alternate Evacuation Warden #1
Rachel Ward	Meegan Amen
Assistant Dean	Facilities Coordinator
Gould Hall First and Second Floors	Gould Hall First and Second Floors
Gould Hall 224	Gould Hall 224
206.616.2440	206.616.2439
wardrm@u.washington.edu	meegan@u.washington.edu

Evacuation Warden #2	Alternate Evacuation Warden #2
Alan Michelson	Josh Polanski
Head, AUP Library	Director Visual Resource Center
Gould Hall Third Floor	Gould Hall Third Floor
Gould Hall 334	Gould Hall 330
206.543.7091	206.543.7598
alanmich@uw.edu	jpo@uw.edu

Evacuation Warden #3	Alternate Evacuation Warden #3
Larissa Austin Maziak	Full Name Diana Siembor
Assistant to the Chair	Counseling Service Coordinator
Gould Hall Fourth Floor	Gould Hall Fourth Floor
Gould Hall 410	Gould 410
206.685.4056	206.685.4055
la0@u.washington.edu	dsiembor@uw.edu

<b>Evacuation Warden #4</b>	<b>Alternate Evacuation Warden #4</b>
Mark Baratta	Ross McKenzie
Director of Computing	Senior Computer Specialist
Gould Hall Basement	Gould Hall Basement
Gould Hall 041D	Gould Hall 041E
206.543.4872	206.543.9949
baratta@u.washington.edu	rmcken@u.washington.edu

<b>Evacuation Warden #5</b>	<b>Alternate Evacuation Warden #5</b>
Matt Sharp	Katherine McDermott
ArchNet Director	Assistant to the Chair
Architecture Hall	Architecture Hall
Architecture G051	Architecture 120
206.685.3790	206.543.4736
masharp@u.washington.edu	ktmcd@uw.edu

<b>Evacuation Warden #6</b>	
Currently no FTE or PTE	
Center on Education & Research in Construction	
(CERC) Sand Point 5	

## First Aid Contacts

List all personnel with qualifications in First Aid and CPR, and summarize their training history.

First Aid Contact	Training History
Full Name Penny Maulden	Seattle Fire Department First Aid Training 2/2018
Gould 132	
206.543.6581	
pmaulden@uw.edu	

Full Name	Type of training received and expiration dates
Physical Location (Room or Office No.)	
Phone Number	
E-mail Address	

Full Name	Type of training received and expiration dates
Physical Location (Room or Office No.)	
Phone Number	
E-mail Address	

Full Name	Type of training received and expiration dates
Physical Location (Room or Office No.)	
Phone Number	
E-mail Address	

Full Name	Type of training received and expiration dates
Physical Location (Room or Office No.)	
Phone Number	
E-mail Address	

Full Name	Type of training received and expiration dates
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## UW First Aid Plan Guidelines

For University of Washington First-Aid Plan Guidelines please go to the following web page and download the template.

The template will need to be populated with your department/building specific information and incorporated within your EEOP.

<http://www.ehs.washington.edu/ohshsplans/firstaidplan.pdf>

## Appendix B

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### Unusually Hazardous Locations and Key Laboratory Personnel

#### Background

The following areas have been identified as unusually hazardous locations. The first responsibility in case of an emergency is getting to safety. If time permits, it is recommended that all hazardous processes, gas, and power in these areas be shut down by the operator before evacuating the building.

#### Hazardous Locations and Laboratory Personnel

Room	Hazards	P.I.	Lab Contact
Gould Hall 19	Photographic chemicals	Josh Polansky	Josh Polansky
Gould Hall 132	Woodshop chemicals	Penny Maulden	Penny Maulden

Date updated: 09/01/2015

## Appendix C

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### Building Evacuation Plan

#### Evacuation Assembly Points

The Evacuation Assembly Point (EAP) should be an open area away from the building and out of the way of responding emergency personnel. Establish primary and secondary EAPs in case the primary cannot be occupied during or after an evacuation. A separate EAP may be necessary for earthquake evacuation.

Occupants meet after evacuation so that they may be accounted for or lend assistance as needed. There may be more than one assembly point depending on the size of the building and the location of the exits. Some EAPs may be unsuitable for assembly following an earthquake event.

The primary and secondary Evacuation Assembly Points (EAPs) for **Gould Hall** are:

**Primary EAP:** W-12 Parking Lot west of Gould Hall on Brooklyn Ave NE

**Secondary EAP:** W-13 Parking Lot west of Gould Hall

The primary and secondary Evacuation Assembly Points (EAPs) for **Architecture Hall** are:

**Primary EAP:** C-7 Parking Lot east of Architecture Hall/north of Chemistry Library

**Secondary EAP:** C-9 Parking Lot north east of Architecture Hall/south of Gerberding Hall

Building occupants will assemble at the primary EAP following a building evacuation. If the Evacuation Director finds the primary EAP unsuitable, then evacuees will be moved to the secondary EAP. Areas of Safe Refuge should be established inside the building for persons with disabilities or for buildings with more than four levels. Indicate each floor's designated EAPs and Areas of Safe Refuge on each emergency evacuation floor plan.

**Note: Evacuation drills are necessary to refine the evacuation procedure.**

#### Areas of Safe Refuge

Occupants should have an Area of Safe Refuge (inside the building) four floors below their floor of origin if the building is designed for partial evacuation (i.e., only fire floor and floor above alarm).

Establish areas of safe refuge for persons with disabilities. Maintain a list of these locations that will be used by persons with disabilities, a system to account for persons with disabilities, and means to communicate with persons taking refuge in these areas. See Appendix D for further information.

#### Evacuation Plans

The attached floor plans identify exits and exit routes for the building. Occupants should go to the nearest exit when the alarm sounds. If access to the nearest exit is obstructed, an alternate exit should be taken.

Insert your floor and building evacuation diagrams in the following pages. An example evacuation plan is provided for your reference.




## Architecture Hall, Gould Hall, & the Community Design Building

### KEY

- You Are Here
- Evacuation Route
- ➔ Exit
-  Restroom
-  Fire Extinguisher
-  Fire Alarm
-  Fire Alarm Control Panel
-  Symbol of Accessibility

### IF THERE IS AN EMERGENCY:

- Sound fire alarm.
- Assist persons with disabilities.
- Exit the building using the nearest exit.  
**DO NOT USE ELEVATORS!**
- Report to the nearest designated Evacuation Assembly Point.
- Do not re-enter until authorized to do so.

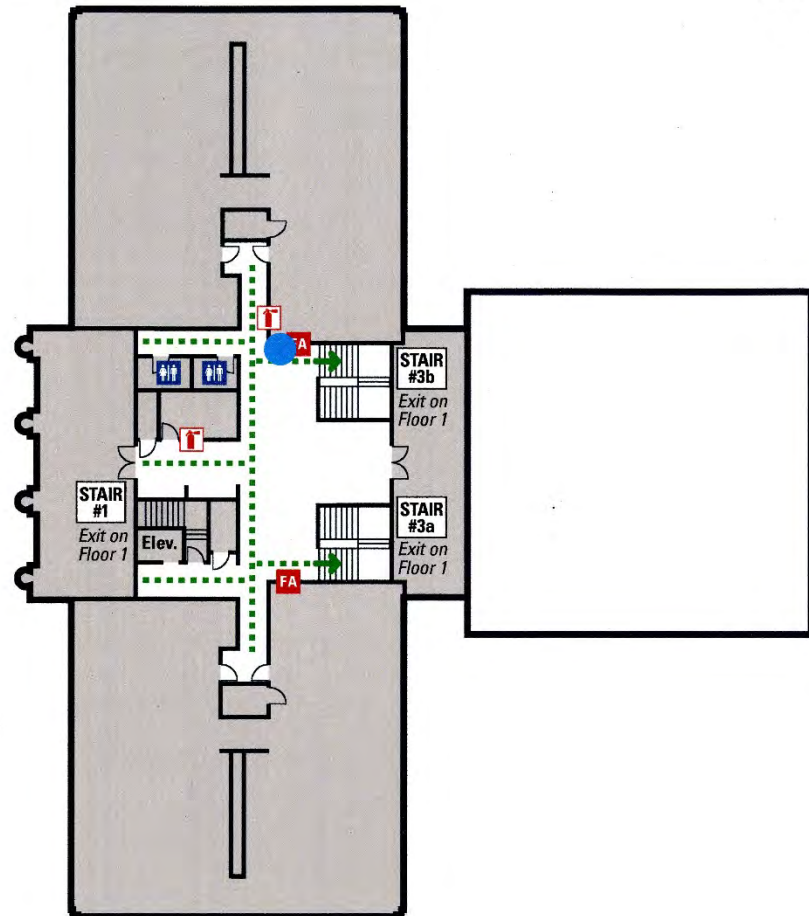
 Fire Alarm Control Panel is located in Room 101C near the main (east) entrance on Level 1

Architecture Hall  
Floor 2  
arc-02.2\_1207

STEVENS WAY

←  
Evacuation  
Assembly Point:  
Across Stevens  
Way @ Parking  
Area C-7

↓  
NORTH




## KEY

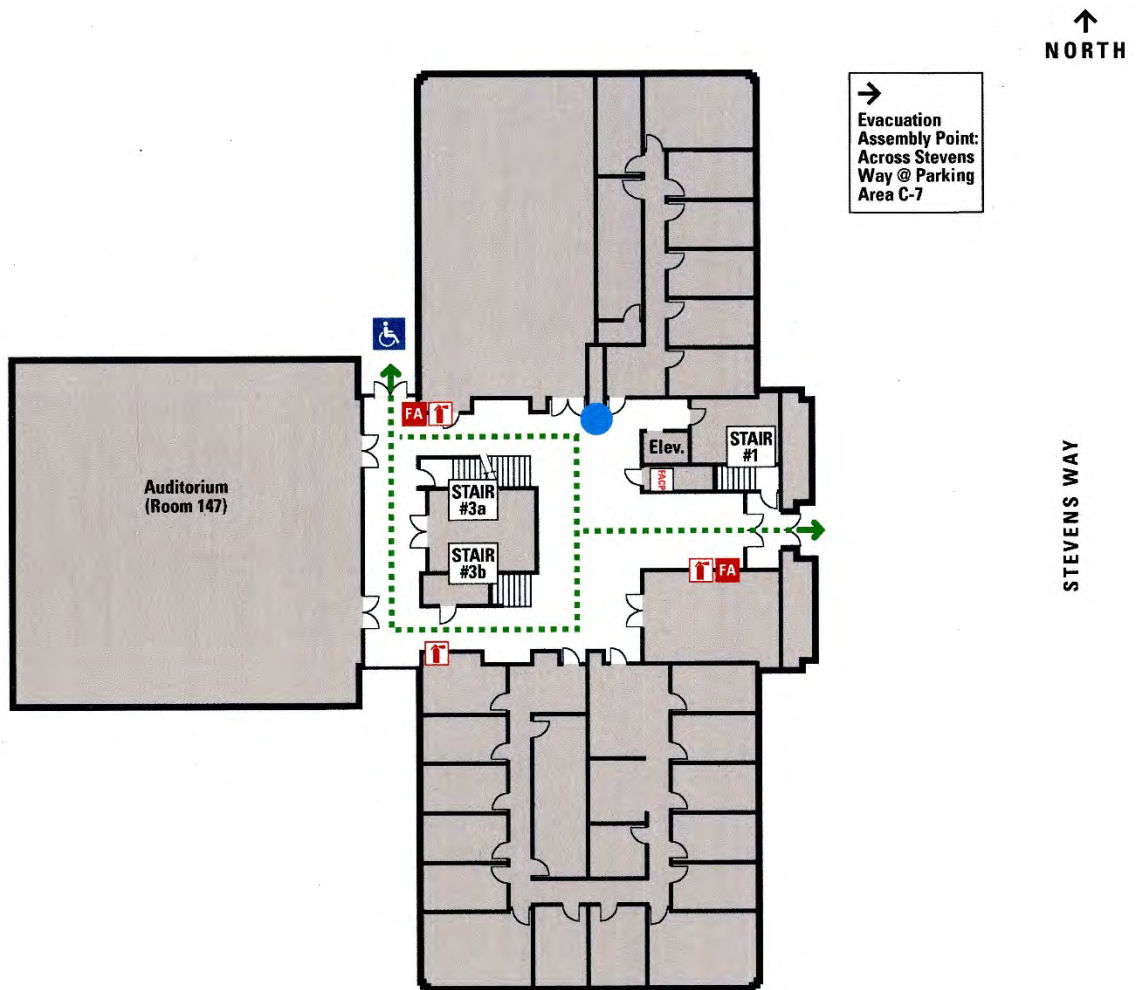
-  You Are Here
-  Evacuation Route
-  Exit
-  Restroom
-  Fire Extinguisher
-  Fire Alarm
-  Fire Alarm Control Panel
-  Symbol of Accessibility

## IF THERE IS AN EMERGENCY:

- Sound fire alarm.
- Assist persons with disabilities.
- Exit the building using the nearest exit.  
DO NOT USE ELEVATORS!
- Report to the nearest designated Evacuation Assembly Point.
- Do not re-enter until authorized to do so.

 Fire Alarm Control Panel is located in Room 101C near the main (east) entrance on Level 1

Architecture Hall  
Floor 1  
arc-01.1\_1207



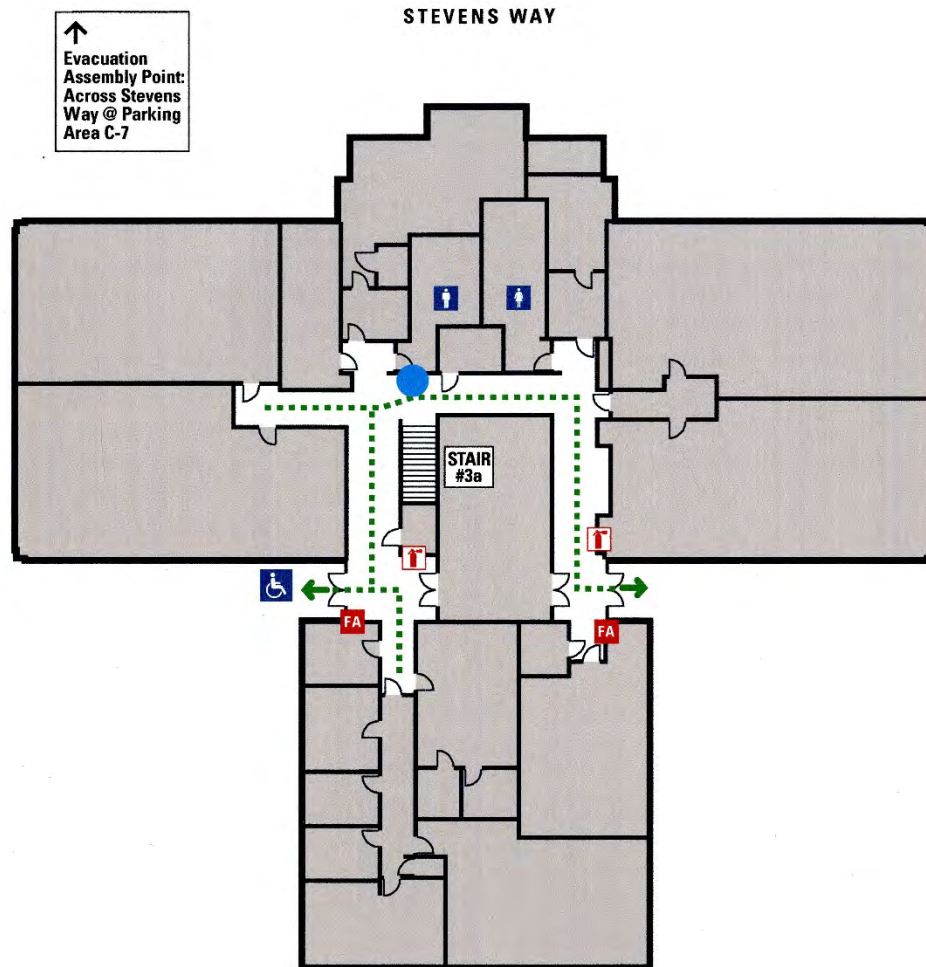
# KEY

- You Are Here
- Evacuation Route
- ➔ Exit
- ♿ Restroom
- T Fire Extinguisher
- FA Fire Alarm
- PACP Fire Alarm Control Panel
- ♿ Symbol of Accessibility

## IF THERE IS AN EMERGENCY:

- Sound fire alarm.
- Assist persons with disabilities.
- Exit the building using the nearest exit.  
DO NOT USE ELEVATORS!
- Report to the nearest designated Evacuation Assembly Point.
- Do not re-enter until authorized to do so.

PACP Fire Alarm Control Panel is located in Room 101C near the main (east) entrance on Level 1



Architecture Hall  
Ground Floor  
arc-G 1\_0807



# KEY

- You Are Here
- Evacuation Route
- ➔ Exit
- ♿ Restroom
- T Fire Extinguisher
- FA Fire Alarm
- FACP Fire Alarm Control Panel
- ♿ Symbol of Accessibility

## IF THERE IS AN EMERGENCY:

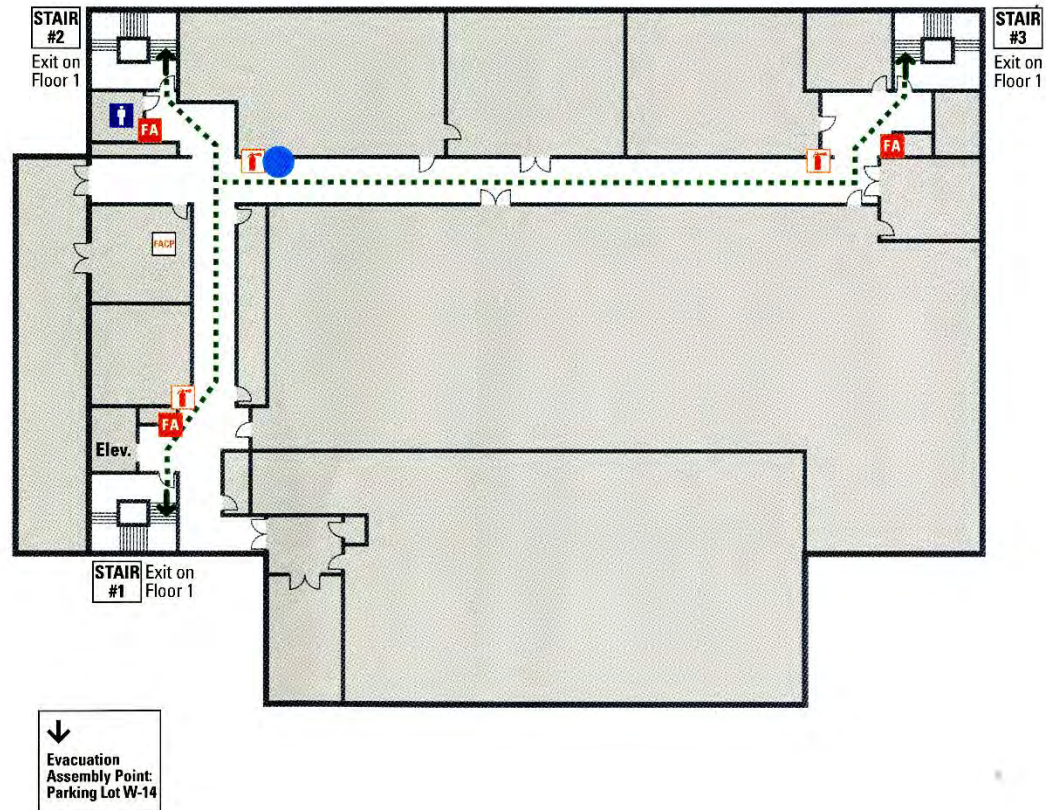
- Sound fire alarm.
- Assist persons with disabilities.
- Exit the building using the nearest exit.  
**DO NOT USE ELEVATORS!**
- Report to the nearest designated outside assembly area.
- Do not re-enter until authorized to do so.

FACP Fire Alarm Control Panel is located in Switch Gear Room #022 on this level

Gould Hall  
Basement  
gld-727RA-B.1 8/02

NE 40TH STREET

↑  
NORTH



# KEY

- You Are Here
- Evacuation Route
- ➔ Exit
- ♿ Restroom
- T Fire Extinguisher
- FA Fire Alarm
- FACP Fire Alarm Control Panel
- ♿ Symbol of Accessibility

## IF THERE IS AN EMERGENCY:

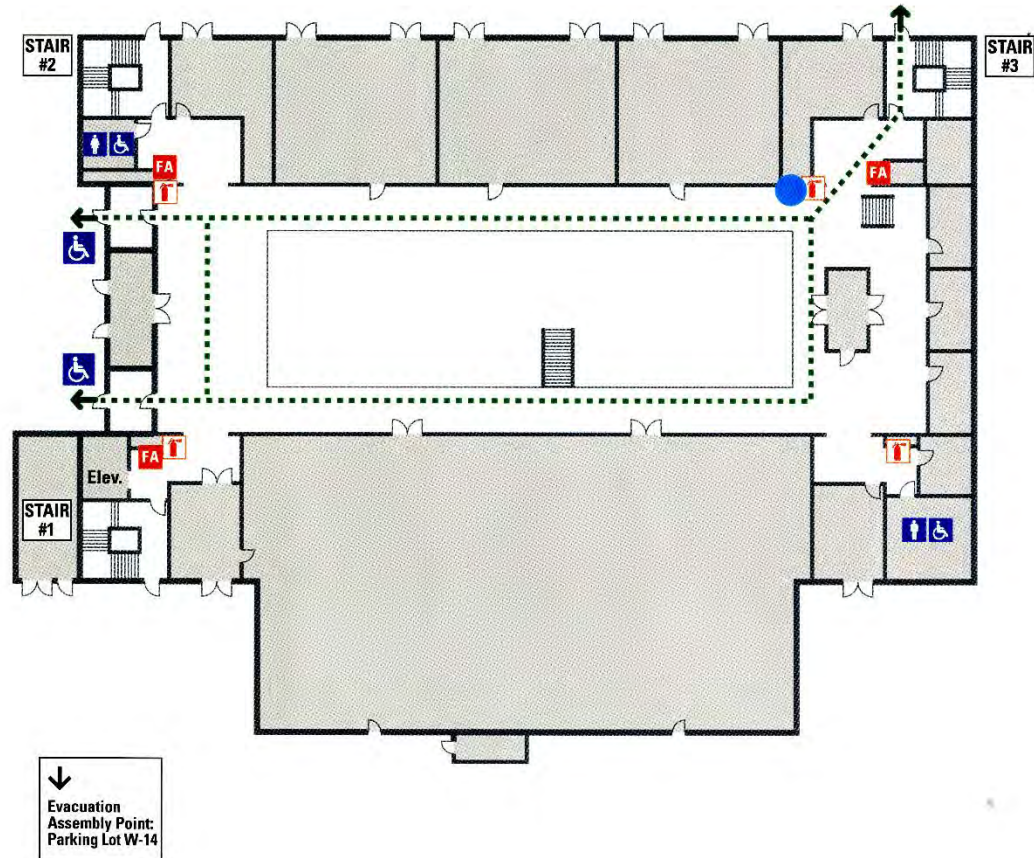
- Sound fire alarm.
- Assist persons with disabilities.
- Exit the building using the nearest exit.  
**DO NOT USE ELEVATORS!**
- Report to the nearest designated outside assembly area.
- Do not re-enter until authorized to do so.

FACP Fire Alarm Control Panel is located in Switch Gear Room #022 on Basement level

**Gould Hall  
Floor 1**  
gld-777/RA-01.1 8/02

NE 40TH STREET

↑  
NORTH






## KEY

- You Are Here
- Evacuation Route
- ➔ Exit
-  Restroom
-  Fire Extinguisher
-  Fire Alarm
-  Fire Alarm Control Panel
-  Symbol of Accessibility

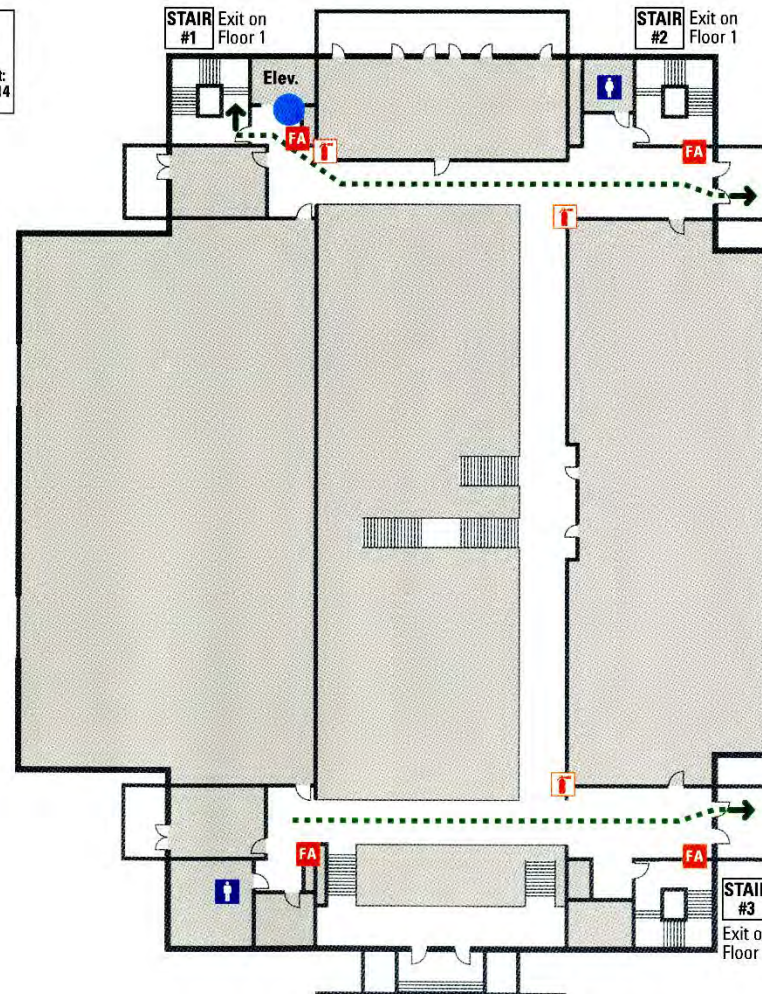
## IF THERE IS AN EMERGENCY:

- Sound fire alarm.
- Assist persons with disabilities.
- Exit the building using the nearest exit.  
**DO NOT USE ELEVATORS!**
- Report to the nearest designated outside assembly area.
- Do not re-enter until authorized to do so.

 Fire Alarm Control Panel is located in Switch Gear Room #022 on Basement level

**Gould Hall  
Floor 2**  
gld-7774A-112.2 8/02









←  
Evacuation  
Assembly Point:  
Parking Lot W-14



→  
NORTH

NE 40TH STREET

## KEY

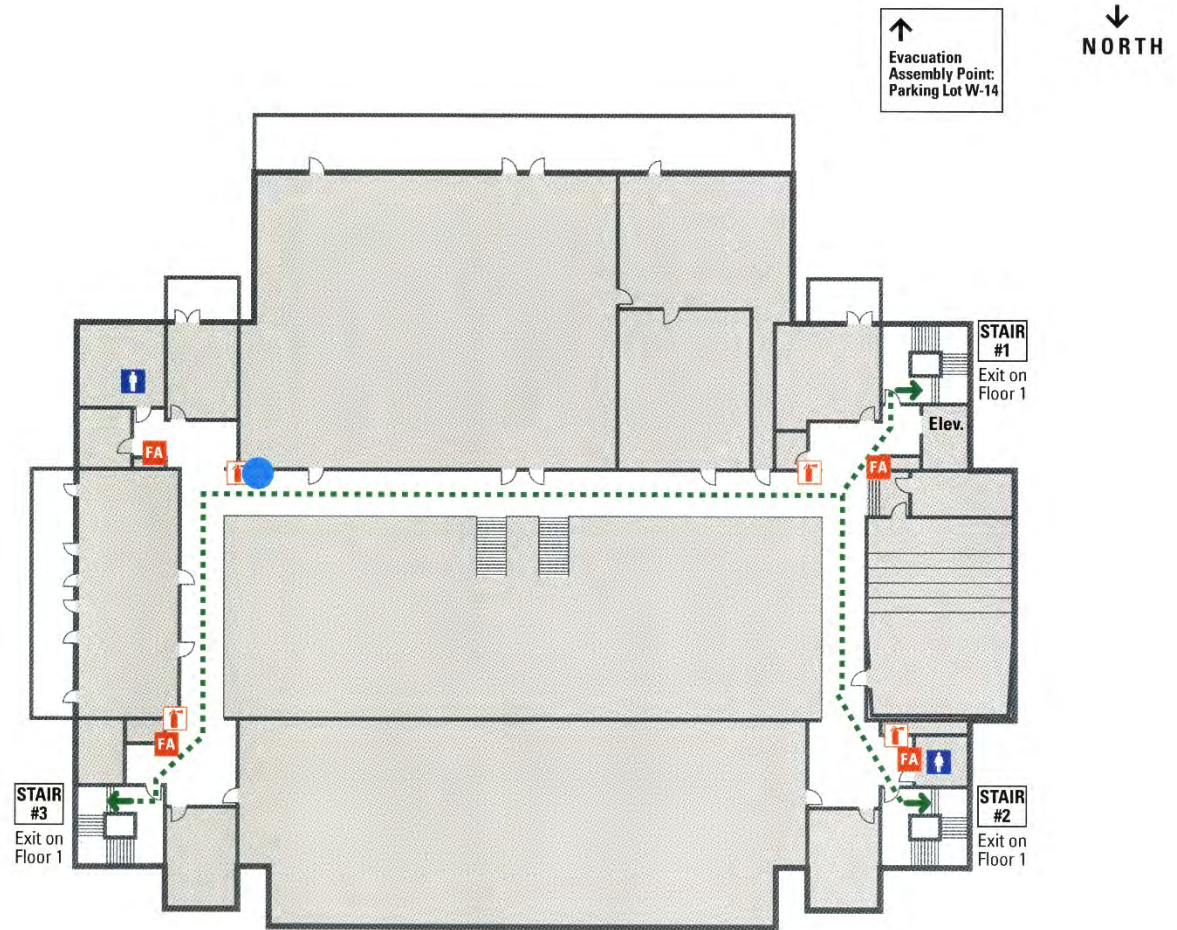
-  You Are Here
-  Evacuation Route
-  Exit
-  Restroom
-  Fire Extinguisher
-  Fire Alarm
-  Fire Alarm Control Panel
-  Symbol of Accessibility

## IF THERE IS AN EMERGENCY:

- Sound fire alarm.
- Assist persons with disabilities.
- Exit the building using the nearest exit.  
**DO NOT USE ELEVATORS!**
- Report to the nearest designated outside assembly area.
- Do not re-enter until authorized to do so.

 Fire Alarm Control Panel is located in Switch Gear Room #022 on Basement level

Gould Hall  
Floor 3  
gld-222RA-03.1 8/02



NE 40TH STREET



## KEY

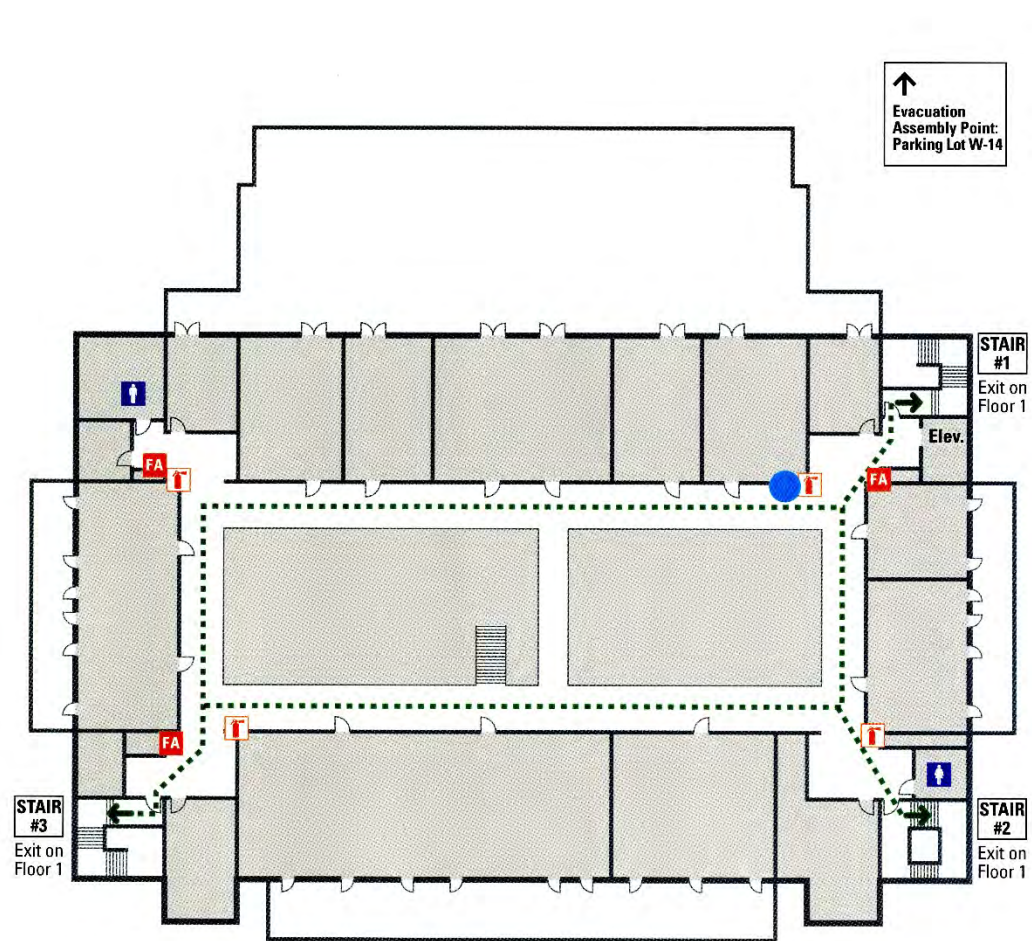
- You Are Here
- Evacuation Route
- ➔ Exit
- ♿ Restroom
- T Fire Extinguisher
- FA Fire Alarm
- FACP Fire Alarm Control Panel
- ♿ Symbol of Accessibility

## IF THERE IS AN EMERGENCY:

- Sound fire alarm.
- Assist persons with disabilities.
- Exit the building using the nearest exit.  
**DO NOT USE ELEVATORS!**
- Report to the nearest designated outside assembly area.
- Do not re-enter until authorized to do so.

FACP Fire Alarm Control Panel is located in Switch Gear Room #022 on Basement level

**Gould Hall  
Floor 4**  
gld-222RA-04.2 8/02



NE 40TH STREET



## Appendix D

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### Emergency Evacuation for Persons with Disabilities

#### Background

This appendix provides a general guideline of evacuation procedures for persons whose disabilities could make exiting difficult during building evacuations. Faculty, staff, students and visitors with disabilities must develop their own facilities' evacuation plans and identify their primary and secondary evacuation routes from each building they use.

#### Points of Emphasis

- Be familiar with evacuation options.
- Seek evacuation assistants who are willing to assist in case of an emergency.
- Ask supervisors, instructors, Disability Resources for Students, Disability Services Office, or Environmental Health & Safety about evacuation plans for buildings.

Most UW buildings have accessible exits at the ground level floor that can be used during an emergency. In buildings like the Health Sciences Center or Padelford Hall, people can move into the unaffected wings of the building rather than exiting. However, in most UW buildings people will need to use stairways to reach building exits. Elevators cannot be used because they have been shown to be unsafe to use in an emergency and in some buildings they are automatically recalled to the ground floor.

Evacuation Directors and Evacuation Wardens need to pre-identify staff, faculty, and students with disabilities and their locations. Determine their evacuation options, identify Areas of Refuge, coordinate obtaining an Assisted Evacuation Device (as needed – see below), and determine how they will evacuate from the building.

Individuals are also encouraged to sign up for UW Alerts on the UWEM website. UW Alerts will broadcast information electronically during crises or emergencies that may disrupt routine UW campus operations.

#### Evacuation Options for Persons with Disabilities

Persons without disabilities must evacuate to the nearest exit. Persons with disabilities have five basic evacuation options.

- **Horizontal evacuation:** Use building exits to the outside ground level or go into unaffected wings of multi-building complexes.
- **Stairway evacuation:** Use steps to reach ground level exits from the building.
- **Stay in Place:** Unless danger is imminent, remain in a room with an exterior window, a telephone, and a solid or fire-resistant door. With this approach, the person may keep in contact with emergency services by dialing 911 and reporting his or her location directly. Emergency services will immediately relay this location to on-site emergency personnel, who will determine the necessity for evacuation. Phone lines are expected to remain in service during most building emergencies. If the phone lines fail, the individual can signal from the window by waving a cloth or other visible object.

- **Area of Refuge:** With an evacuation assistant, move to an area of refuge away from obvious danger. The evacuation assistant(s) will then go to the building evacuation assembly point and notify the on-site emergency personnel of the location of the person with a disability. Emergency personnel will determine if further evacuation is necessary.
- **Assisted Evacuation Device:** In the event of a major earthquake or other campus-wide event that would prevent first responders from responding quickly, an assisted evacuation device such as a chair, can be used by trained personnel to evacuate mobility disabled persons.

## Disability Guidelines

Prior planning and practicing of emergency evacuation routes are important in assuring a safe evacuation. In addition, helpers and others who may assist those with disabilities are reminded to always ask someone with a disability how you can help before attempting any rescue technique or giving assistance. Ask how he or she can best be assisted or moved.

### Mobility Impaired: Wheelchair

Persons using wheelchairs should stay in place, or move to an area of refuge with their assistant when the alarm sounds. The evacuation assistant should then proceed to the evacuation assembly point outside the building and tell SFD or UWPD the location of the person with a disability. If the person with a disability is alone, he/she should phone emergency services at 911 with their present location and the area of refuge they are headed to.

If a stair landing is chosen as the area of refuge, please note that many campus buildings have relatively small stair landings, and wheelchair users are advised to wait until the heavy traffic has passed before entering the stairway.

Stairway evacuation of wheelchair users should be conducted by trained professionals (Fire & EMS). Only in situations of extreme danger should untrained people attempt to evacuate wheelchair users. Moving a wheelchair down stairs is never safe.

Evacuation devices such as evacuation chairs may be used when first responders are unavailable. This could occur following a campus-wide emergency such as an earthquake or weapons of mass destruction (WMD) event. The following requirements must be met when using evacuation devices:

- Contact EH&S at 206-616-5519 to identify an appropriate device and determine where to store or place the device. In general, this will apply to departments with a mobility impaired employee whose primary work location is above the ground floor.
- Assign a primary and secondary user of the evacuation device.
- Each user must be a trained Evacuation Warden who has attended the Evacuation Warden training class offered by EH&S.
- Train each user on the proper operation and use of the evacuation device. Coordinate this training with EH&S Building and Fire Safety (206-616-5519).
- Update and document this training annually.
- Install the evacuation device in a location where it cannot impede egress of others from the building. The device will be used only by the assigned users and only when first responders are unavailable to assist a mobility impaired person to evacuate.
- Evacuation devices will be available for use by specially trained Evacuation Wardens only.

- Update the building's Emergency Evacuation and Operations Plan by describing the standard operating procedures for the evacuation device.

## Evacuation Plan for Persons with Disabilities

<b>Personal Information</b>							
Name	Location			Phone			
Supervisor name	Phone			Cell Phone			
Emergency contact name	Phone			Alt. Phone			
<b>Type of Disability</b>							
Mobility <input type="checkbox"/>			Blind <input type="checkbox"/>				
Deaf/hard of hearing <input type="checkbox"/>							
Service animal user <input type="checkbox"/>			Other: <i>Describe Here</i> <input type="checkbox"/>				
Limitations and information emergency personnel should be aware of (including medication)							
<b>Evacuation Plan</b> (make one for each building that you occupy)							
Building name		Time of day generally in building					
Days generally in building	Sun <input type="checkbox"/>	Mon <input type="checkbox"/>	Tue <input type="checkbox"/>	Wed <input type="checkbox"/>	Thu <input type="checkbox"/>	Fri <input type="checkbox"/>	Sat <input type="checkbox"/>
Date completed: (mm/dd/yyyy)							
Effective dates:							

Key Personnel to Contact for Assistance in Developing Your Evacuation Plan		
Name	Title	Phone
Designated Buddies		
Buddy #1 Name:	Address/Office:	Phone:
Buddy #2 Name:	Address/Office:	Phone:
Evacuation Plan (Describe plan for evacuation. Include location for Stay in Place or Area of Refuge):		
Primary Evacuation Route (include Evacuation Assembly Point):		
Secondary Evacuation Route (if primary route becomes inaccessible during emergency):		
Assistance Instructions (Such as medical, equipment, communication and carry instructions):		

## Appendix E

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### Procedures for Planning and Scheduling Evacuation Drills

#### Preparation for an Evacuation Drill

**1. Meet with Evacuation Director and Evacuation Wardens**

- Review procedures, duties, evacuation routes as outlined in the plan
- Determine who will participate in the drill
- Confirm participants are familiar with the plan
- Establish a date and time for drill that is convenient but assures appropriate participation

**2. Notification and Technical Assistance**

- Call Facilities Services Signal Shop's Supervisors at (206) 685-1411 to arrange for a technician to activate the alarm system and reset it after the drill
- Notify UWPD of the time and date of the drill
- For assistance in conducting and evaluating the drill, notify EH&S Building and Fire Safety Office at least one week in advance at (206) 616-5519

**3. Publicize Drill Event to Building Occupants**

- Approximately three days before the drill post notices in conspicuous locations informing all occupants of the time and date of the drill.
- Notification via e-mail and other means is also encouraged.

#### The Day Before a Drill

**1. Prepare any Special Props for the Drill (optional):**

- Cardboard flames or balloon for location of fire
- Cardboard smoke barriers to indicate blocked corridors and/or stairways

**2. Confirm Responsibility Roles with Players:**

- Building staff (Evacuation Director and Evacuation Wardens)
- Plant Operations - to activate the alarm system

## **Appendix F**

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### **Conducting, Evaluating and Recording Evacuation Drills**

#### **Conducting an Evacuation Drill**

##### **Participation**

Chapter 4 of the Seattle Fire Code along with The Washington Administrative Code (WAC) 296-24-567 requires that all employees train a sufficient number of persons to assist in safe and orderly emergency evacuation of employees. To meet this requirement and satisfy public safety for all students, faculty, staff, and visitors, University buildings must conduct a Evacuation Drill that will include the participation of all the building occupants. It is recommended that the annual drill be conducted during Autumn Quarter to orient new faculty, staff and students.

#### **Evaluating and Recording an Evacuation Drill**

- The Evacuation Director will summarize evaluation comments and initiate appropriate follow-up for items that need improvement.
- The Evacuation Director will complete and distribute the Evacuation Drill Report Form (attached).

## **Appendix G**

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### **Evacuation Drills and Crowd Management for Public Assemblies**

#### **Conducting the Evacuation Drill**

##### **Participation**

Chapter 4, Section 405.2 of the Seattle Fire Code requires employees (event staff) of public assemblies to participate in Evacuation Drills every quarter (not to exceed 120 days). Patrons are not required to attend or participate. To meet this requirement assembly occupancies will:

- Every quarter or prior to the event, the building Evacuation Director, or appointee, will meet with event staff to conduct a drill or exercise to review employee procedures and duties.
- A drill, exercise, or orientation will be performed whenever there is a change in staff, building/exit configuration, or other substantive change.

#### **Evaluating and Recording an Evacuation Drill**

- The Evacuation Director will summarize evaluation comments and initiate appropriate follow-up for items that need improvement.
- The Evacuation Director will complete and distribute the Evacuation Drill Report Form (attached).

## **Crowd Management**

Trained Crowd Managers shall be provided for facilities or events where more than 1,000 persons congregate. The minimum number of crowd managers shall be established at a ratio of one crowd manger to every 250 persons.

### **Duties of crowd managers include but are not limited to the flowing:**

- Walking the rooms or areas and confirm that the exit paths are staying clear.
- Make an emergency announcement with specific evacuation instructions if need be.
- Not allowing people to congregate around or block any exits.
- Assure all marked exits remain unlocked and unobstructed at all times.
- Looking for situations that could lead to challenges in the event of an emergency evacuation.
- Maintain all fire lanes, fire hydrants, and fire department connections free from vehicles and obstructions.
- Make sure that the adequate number of trained staff on-duty for the number of occupants.

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## **Appendix H**

### **Evacuation Drill Report Form**

To record a Evacuation Drill, please use the UW 1213 form. The next page features a copy of the form that may be printed and filled out by hand. To request a hard copy of the form from Building and Fire Safety, please call(206) 616-5519.

An electronic copy of the UW 1213 form is available at the hyperlink below. The electronic version of the form may be filled out on your computer.

Once the form has been completed, please send it to Building and Fire Safety at UW Box #354400. Building and Fire Safety strongly recommends saving an electronic copy of the completed form for your records. If the form is filled out by hand, scan the document and save it in a reliable file format.

<http://www.ehs.washington.edu/forms/fso/firedrillreport.pdf>





UNIVERSITY OF WASHINGTON  
**FIRE DRILL REPORT**  
ENVIRONMENTAL HEALTH AND SAFETY

Date of Drill

Building Name

Facility Services Building No.

☐ High-Rise ☐ Residential ☐ Assembly ☐ Day Care ☐ Low-Rise ☐ Other

Address

Evacuation Director or Building Administrator/Coordinator

**IMPORTANT**

Verify that all procedures for preparing and conducting fire drills have been completed. Do not activate the alarm on your own! Fire Drill alarm activation must be done by Facilities Services.

Device Activated (location)

Time Initiated

Time Completed

Areas Alarmed

Evacuation Wardens/Staff reported to assigned areas and performed duties:

☐ YES

☐ NO

If NO, Which floors or areas did not:

Evacuation Wardens/Staff reported the following to the Evacuation Director or Building Administrator/Coordinator:

- |  |  |                             |
|--|--|-----------------------------|
| 1. Occupants/staff exited using the nearest exit                       | <input type="checkbox"/> YES                             | <input type="checkbox"/> NO |
| 2. Occupants/staff responded and reported to Evacuation Assembly Point | <input type="checkbox"/> YES                             | <input type="checkbox"/> NO |
| 3. Persons with disabilities are accounted for                         | <input type="checkbox"/> NA <input type="checkbox"/> YES | <input type="checkbox"/> NO |
| 4. Visitors and students were properly directed                        | <input type="checkbox"/> NA <input type="checkbox"/> YES | <input type="checkbox"/> NO |
| 5. Accounted for missing or trapped personnel                          | <input type="checkbox"/> YES                             | <input type="checkbox"/> NO |
| 6. The alarm was audible throughout the area                           | <input type="checkbox"/> YES                             | <input type="checkbox"/> NO |
| 7. No premature reentry  | <input type="checkbox"/> YES                             | <input type="checkbox"/> NO |

Comments on all NO marks. Include additional remarks about the drill.

**SIGNATURES**

Drill conducted by:

Evacuation Director or Building Administrator/Coordinator or designated employee

Drill witnessed by:

Seattle Fire Department Representative (optional)

Environmental Health and Safety (optional)

## Appendix I

### Evacuation Warden Headcount Checklist

Building Name: Gould Hall Assembly Point: \_\_\_\_\_  
 Evacuation Warden: \_\_\_\_\_ Time and Date: \_\_\_\_\_

Employees / Visitors	Present	Absent	In Field	Injured	Missing	Last Known Location	Emergency Assignment
Name:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Name:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Name:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Name:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Name:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Name:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Name:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Name:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Name:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Name:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Name:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Name:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Name:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Name:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Name:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Name:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Name:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Name:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		

## Evacuation Warden Headcount Checklist cont.

Page 2 of 2

[illegible]

### Evacuation Warden Headcount Checklist

Building Name: Architecture Hall Assembly Point: \_\_\_\_\_  
 Evacuation Warden: \_\_\_\_\_ Time and Date: \_\_\_\_\_

Employees / Visitors	Present	Absent	In Field	Injured	Missing	Last Known Location	Emergency Assignment
Name:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Name:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Name:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Name:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Name:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Name:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Name:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Name:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Name:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Name:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Name:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Name:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Name:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Name:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Name:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Name:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Name:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		

### Evacuation Warden Headcount Checklist

Building Name: Community Design Building Assembly Point: \_\_\_\_\_  
 Evacuation Warden: \_\_\_\_\_ Time and Date: \_\_\_\_\_

Employees / Visitors	Present	Absent	In Field	Injured	Missing	Last Known Location	Emergency Assignment
Name:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Name:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Name:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Name:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Name:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Name:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Name:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Name:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Name:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Name:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Name:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Name:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Name:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Name:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Name:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Name:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Name:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		

## Appendix J

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### About the UW All-Hazards Emergency Management Plan (EMP)

#### Background

In June of 2005, the University of Washington published a revised comprehensive Emergency Management Plan (EMP) for campus operation during large scale or campus-wide emergencies. Copies of the EMP are available at the Emergency Management website below:

<http://www.washington.edu/emergency/ep>

The following is a summary of the EMP.

#### The UW All-Hazards Emergency Management Plan

The EMP provides guidelines for the management of the immediate actions and operations required to respond to an emergency or disaster. The overall priorities of the University during a disaster are the protection of lives, live assets, valuable research processes, property, the community, and the environment. The overall objective is to respond to emergency conditions and manage the process of restoring University academic and research programs and services. This plan represents the Campus Emergency Management Plan, which encompasses the facilities, services and the administration of the UW Seattle campus.

#### Purpose of the Emergency Management Plan

This plan provides the management structure, key responsibilities, emergency assignments, and general procedures to follow during and immediately after an emergency. The University has established this plan to address the immediate requirements for a major disaster or emergency in which normal operations are interrupted and special measures must be taken to:

- Save and protect the lives of students, patients, employees, and the public.
- Manage immediate communications and information regarding emergency response operations and campus safety.
- Provide essential services and operations.
- Provide and analyze information to support decision-making and action plans.
- Manage University resources effectively in the emergency response.
- Ensure University-wide compliance with federal National Incident Management principles and requirements.

This plan does not supersede or replace the procedures for safety, hazardous materials response, or other procedures that are already in place at the University. It supplements those procedures with a temporary crisis management structure, which provides for the immediate focus of management on response operations and the early transition to recovery operations.

It is important to point out that this EMP does not cover specific departmental operations, even for those departments assigned emergency response functions. All departments must establish their own emergency operations plan that considers their specific needs and how they will interface with the UW EMP.

## Appendix K

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### Emergency Procedures for Faculty, Lecturers, and Teaching Assistants

#### Supervisory Responsibilities

"Because of the personal nature of safety performance, everyone with supervisory responsibility will be expected to directly participate in the supervision of programs to assure that safe working conditions are maintained. Faculty and staff shall be directly responsible for their own safety, for the safety of students and employees under their supervision and for the safety of their fellow employees. This responsibility can neither be transferred nor delegated. Supervisors shall provide training for accident prevention as necessary, for those working under their direction."

Ref: "University Handbook", Vol. 4; Part VI; Chapter 4, University Safety Programs; Section 1, Statement of Policy and Responsibilities (Executive Order No. 55 of the President, last revision April 1994).

#### Consistent with this order, instructors must:

- Provide his or her class or audience with general information relating to emergency procedures. This information should be shared during the first week of class or at the start of a seminar. Please note the posted information for, "Classroom Emergency Procedures and Checklist" at the end of this appendix.
- Know how to report an emergency from the classroom being used.
- Assure that persons with disabilities have the information they need. The instructor should be familiar with the student's plan and be able to direct visitors with disabilities.
- Take responsible charge of the classroom and follow emergency procedures for all building alarms and emergencies.

#### Supplemental Information

Every University department and unit should have a written Emergency Evacuation and Operations Plan covering specific procedures for their facility and employees. These plans will cover events such as: fire, earthquake, power outage, bomb threat, hazardous material spills, severe weather, etc. Instructors will find it helpful to review the plans for the buildings in which they teach to see if the plans differ from the general information provided here.

The "Instructor" is an authoritative figure for the student, either consciously or subconsciously, and can influence how the student responds in an emergency. Calm, collected, and clear directions by the instructor will have a calming effect on the students. In order for the instructor to exhibit this controlled personae he or she must be prepared for emergencies.

## How to Report an Emergency

Use the nearest fire alarm pull station. If possible, call 9-1-1 from any telephone. All active fire and explosion emergencies must be reported immediately regardless of size and nature by phoning 911 and/or activating the fire alarm system.

**To comply with regulation and UW Policy, all incidents, including minor fires that self-extinguish and those that do not require emergency assistance or evacuation, must be reported to EH&S within 24 hours. EH&S investigates all fires to determine their cause, provide consultation, and to document the incident for reporting purposes.**

Please call Darren Branum, EH&S Fire and Life Safety Specialist, at 206-616-5519, or email [dlbranum@uw.edu](mailto:dlbranum@uw.edu) to report a fire or explosion to EH&S.

Emergency Type	Response
Fire	Activate nearest fire alarm pull station, Call 9-1-1
Police	Call 9-1-1
Hazardous Material Spill	Call 9-1-1

## Emergency Information for Faculty, Lecturers and TAs

Refer to the Classroom Emergency Procedures at the end of this appendix for additional information.

### Evacuation Routes

Floor plans that show evacuation routes are posted on building walls throughout the campus. If you have trouble finding a posted floor plan, call Building and Fire Safety at (206) 616-5519.

Evacuation routes in most University buildings lead the occupants out of the building. However, in some high-rise buildings (see Appendix P) the evacuation routes may lead occupants horizontally into another wing or down a couple of floors below the source of the alarm. These high-rise buildings may have Evacuation Assembly Points for both inside and outside the building.

### Evacuation Assembly Points (EAPs)

Look on the building Emergency Evacuation floor plans for the designated Evacuation Assembly Points.

Each building has designated EAPs. After the class leaves the alarmed building or area, it is important for them to go to the EAP where the presence of persons can be documented. At the EAP, the class will not interfere with responding emergency services nor place themselves at risk of injury from the emergency.

Accounting for all students can be very difficult, particularly with a large class. However, an attempt must be made. After all the students have left the room/lab, instructors can:

- Use the class roster
- Use a head count



- Ask students about the students seated next to them in the classroom to see if they are at the assembly point.

You must also account for persons with disabilities (See Appendix D).

### **Evacuation for Persons with Disabilities**

If there is a person with a disability in the class, the instructor must be knowledgeable of their response and who may be assisting them. Four options are available to persons with disabilities:

- Horizontal Evacuation to outside or another building, if available
- Stairway Evacuation
- Stay in Place unless danger is imminent
- Area of Refuge if available

### **Reporting to the Evacuation Director**

Notify the building Evacuation Director about any missing students and their last known location in the building. After exiting and accounting for students, the building Evacuation Director will notify emergency personnel of persons missing or trapped or persons with disabilities that are waiting assistance in areas of refuge.

### **Fire Alarms**

Fire alarms will sound a slow WHOOP and include strobe lights for people with hearing disabilities. When the alarm sounds, everyone must exit the alarmed area according to the evacuation plan.

- Procedures that may be hazardous if left unattended should be shut down prior to evacuation.
- Verify that everyone leaves and that all the doors are closed. Closed doors significantly reduce fire and smoke damage.

### **Earthquakes**

Most of the injuries that occur during earthquakes are caused by interior items falling on the building occupants, such as books, shelves, light fixtures, ceiling tiles and office equipment.

The first thing to do during an earthquake is to have everyone **drop** to the floor, **cover** their head, and **hold that position**.

After the shaking stops and if there is building damage, tell the class to collect their possessions calmly and evacuate the building to the Evacuation Assembly Point. Caution them to watch for brick and other exterior building materials that may have been knocked loose by the earthquake.

### **Power Outages**

The University campus power system is served by the Campus Power Plant with back up from City Light and, over time, has proven to be fairly reliable, even during major windstorms. Many campus buildings are provided with emergency or standby power from the campus power plant's emergency generators. This system is automatic and should be operational within 60 seconds.

If the power does go out during class, have the people stay in their seats for a little while and wait for the power to return. If the power does not return in a reasonable length of time (~ 5 minutes) then evacuate the classroom or laboratory. Evacuation should take advantage of available lighting unless the building is in alarm, and then use the same evacuation procedures as during a fire.

Caution the students that there is no rush and they should take their time exiting the building. Emergency lighting may or may not be functioning in the room, hallway, or stairways.

## Classroom Emergency Procedures

### What Emergency Preparedness materials should I have with me at class?

- Class roster
- Important telephone numbers (in addition to emergency numbers)

Contact	Phone Number
Dept. Administrator/Manager	<i>(List phone number here)</i>
Classroom Services	<i>(List phone number here)</i>
Student Services	<i>(List phone number here)</i>
Other:	<i>(List phone number here)</i>

### When you hear the fire alarm...

- Everyone should calmly collect their coats and books and exit the classroom, lecture hall, or laboratory. Please turn off the gas supplies in laboratories.
- Verify that everyone leaves and that all the doors are closed. Closed doors significantly reduce fire and smoke damage.
- Leave the room/lab and go the nearest building exit. Know the location of alternate exits.
- Go to the Evacuation Assembly Point (See the posted floor plan in the exit corridors). Exception: Persons with disabilities may choose to remain in place or report to an area of refuge. See the University brochure, "Campus Health and Safety, Emergency Evacuation for Persons with Disabilities".
- Account for students by using class roster. Notify the building Evacuation Director about any missing students and their last known location in the building.

### When there is a power outage...

- Everyone should stay in their seat to see if the outage is temporary and to let their eyes adjust to the lower light level.
- If the outage appears to be long term, everyone should calmly collect their materials and carefully exit the building.

### If there is an earthquake...

- Everyone **DROPS** to the floor, **COVERS** their head, and **HOLDS** that position.
- After the shaking stops, calmly evacuate the building to Evacuation Assembly Point. Evacuation floor plans are posted on walls for reference.

**Note:** Additional information on emergency procedures, evacuation routes, and floor plans can be found posted on the walls.

## Appendix L

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### Emergency Evacuation and Planning Checklist

#### Instructions

This emergency evacuation and planning checklist is provided by EH&S for Evacuation Directors and Evacuation Wardens to assess the readiness of their buildings for emergency evacuations. This checklist focuses on practices and procedures as outlined in the model EEOP. **It is recommended that Evacuation Directors complete this checklist annually.**

This checklist is composed of two parts. Part 1 contains a list of questions only. Part 2 contains the same list of questions, but also includes references and links to resources to assist Evacuation Directors and Wardens identify the necessary corrective actions to comply with EEOP procedures.

The procedures for completing this form are as follows:

- The Evacuation Director should complete this checklist with assistance from Evacuation Wardens as needed.
- Maintain a copy of the completed checklist with the building EEOP.
- Share the completed form with the Evacuation Wardens and other stakeholders in the building for emergency evacuations.
- Correct each identified deficiency as soon as possible and document corrections on the original form.

If you need assistance correcting conditions identified in the checklist, or have any questions or concerns about fire and life safety, whether they pertain to this inspection or not, contact the Building and Fire Safety Office of Environment Health & Safety at (206) 616-5519.

This form was designed to help ensure compliance with Seattle Fire Department, International Fire Code, WISHA, and other codes and regulations.

**Note: This form is not a substitute for a comprehensive survey or audit of regulatory requirements and code compliance. To obtain a self-audit checklist, visit the Environmental Health and Safety website at the address below:**

<http://www.ehs.washington.edu/fsosurveys/checklists.shtm>

## Emergency Evacuation and Planning Checklist: Part 1

Building: Gould & Architecture Hall, & Community Design Building Evacuation Director: \_\_\_\_\_

Date: \_\_\_\_\_ Evacuation Warden: \_\_\_\_\_

**Please answer each of the following questions by selecting the appropriate checkbox.** If the answer to any of the following questions is “No,” please see the corresponding question in Part 2 for corrective actions and websites with additional information.

<b>1</b>	Do you have an up-to-date written Departmental Health and Safety Plan? Do your employees know about this plan, where to find it, and how to use it?	Yes <input type="checkbox"/> , No <input type="checkbox"/> , N/A <input type="checkbox"/>
<b>2</b>	Do you have an up-to-date written Emergency Evacuation and Operations Plan (EEOP)?	Yes <input type="checkbox"/> , No <input type="checkbox"/> , N/A <input type="checkbox"/>
<b>3</b>	Have the Evacuation Director and Evacuation Wardens attended UW emergency evacuation training?	Yes <input type="checkbox"/> , No <input type="checkbox"/> , N/A <input type="checkbox"/>
<b>4</b>	Are emergency evacuation drills done on a regular basis to keep employees, faculty, and staff aware of EEOP and emergency procedures?	Yes <input type="checkbox"/> , No <input type="checkbox"/> , N/A <input type="checkbox"/>
<b>5</b>	Are new, temporary, and student employees informed about emergency procedures in the EEOP during the new employee safety orientation?	Yes <input type="checkbox"/> , No <input type="checkbox"/> , N/A <input type="checkbox"/>
<b>6</b>	Are Evacuation Wardens familiar with the EEOP and building specific information such as escape routes, assembly points, areas of safe refuge for persons with disabilities, and how the alarm system responds?	Yes <input type="checkbox"/> , No <input type="checkbox"/> , N/A <input type="checkbox"/>
<b>7</b>	Are Evacuation Wardens familiar with procedures in various types of emergencies: earthquake, fire, chemical release, bomb threat?	Yes <input type="checkbox"/> , No <input type="checkbox"/> , N/A <input type="checkbox"/>
<b>8</b>	Do Evacuation Wardens and people in their areas of responsibility know the location of primary and secondary Evacuation Assembly Point(s)?	Yes <input type="checkbox"/> , No <input type="checkbox"/> , N/A <input type="checkbox"/>
<b>9</b>	Do Evacuation Wardens know the locations and types of fire extinguishers in the building?	Yes <input type="checkbox"/> , No <input type="checkbox"/> , N/A <input type="checkbox"/>
<b>10</b>	Are there adequate disaster supply kits and first aid kits in the building? Are Evacuation Wardens familiar with their location?	Yes <input type="checkbox"/> , No <input type="checkbox"/> , N/A <input type="checkbox"/>
<b>11</b>	Are chemical spill kits available for each lab, shop or clinical area that contains chemicals or chemical products?	Yes <input type="checkbox"/> , No <input type="checkbox"/> , N/A <input type="checkbox"/>
<b>12</b>	Do Evacuation Wardens follow an established procedure to conduct a head count of evacuated building personnel at the EAP?	Yes <input type="checkbox"/> , No <input type="checkbox"/> , N/A <input type="checkbox"/>
<b>13</b>	Do Evacuation Wardens know the procedures to account for persons with disabilities, visitors, and people unfamiliar with the building?	Yes <input type="checkbox"/> , No <input type="checkbox"/> , N/A <input type="checkbox"/>
<b>14</b>	Do Evacuation Wardens know the location of employees in the building who have basic emergency skills (first aid, CPR, CERT)?	Yes <input type="checkbox"/> , No <input type="checkbox"/> , N/A <input type="checkbox"/>
<b>15</b>	Do Evacuation Wardens know the proper procedures for re-entering a building after different types of evacuations?	Yes <input type="checkbox"/> , No <input type="checkbox"/> , N/A <input type="checkbox"/>

**Other Fire / Life Safety Hazards**

List any other hazardous conditions in need of correction that are not covered on this emergency evacuation checklist. Assign and document the correction of each hazardous condition or concern.

1	
2	
3	
4	
5	

**Other Comments**

The space provided below can be used to comment on any conditions described in the above questions.

<b>Date:</b>

## Emergency Evacuation and Planning Checklist: Part 2

Written Policies and Procedures	
1. Do you have an up-to-date written Departmental Health and Safety Plan? Do your employees know about this plan, where to find it, and how to use it?	<p><b>Corrective Action:</b> Develop a written Departmental Health and Safety Plan using the Sample Health and Safety Plan available from the EH&amp;S website.</p> <p><b>Online:</b> <a href="http://www.ehs.washington.edu/ohshsplans/index.shtm">http://www.ehs.washington.edu/ohshsplans/index.shtm</a></p> <p><b>Completion Date:</b></p>
2. Do you have an up-to-date written Emergency Evacuation and Operations Plan (EEOP)?	<p><b>Corrective Action:</b> Develop a written EEOP for your building using the sample model plan for low-rise buildings at the EH&amp;S website.</p> <p><b>Online:</b> <a href="http://www.ehs.washington.edu/fsoemerprep/evacplan.shtm">http://www.ehs.washington.edu/fsoemerprep/evacplan.shtm</a></p> <p><b>Completion Date:</b></p>
Employee and Visitor Training	
3. Have the Evacuation Director and Evacuation Wardens attended UW emergency evacuation training?	<p><b>Corrective Action:</b> Register Evacuation Directors and Evacuation Wardens to attend the <i>Floor Warden/Building Evacuation Training</i> course offered by EH&amp;S. Additional training, such as first aid/CPR certification and earthquake/disaster preparedness should occur as needed.</p> <p><b>Online:</b> <a href="http://www.ehs.washington.edu/psotrain/corsdesc.shtm">http://www.ehs.washington.edu/psotrain/corsdesc.shtm</a></p> <p><b>Completion Date:</b></p>
4. Are fire and emergency evacuation drills done on a regular basis to keep employee, faculty, and staff aware of EEOP and emergency procedures?	<p><b>Corrective Action:</b> Conduct annual fire and evacuation drills in general office and classroom buildings, and quarterly in healthcare facilities following the Evacuation Drill requirements at EH&amp;S website. Use the Evacuation Drill Report form at the EH&amp;S website to document the effectiveness of the drill.</p> <p><b>Online:</b> <a href="http://www.ehs.washington.edu/fsoemerprep/fireexitrequirements.shtm">http://www.ehs.washington.edu/fsoemerprep/fireexitrequirements.shtm</a>  <a href="http://www.ehs.washington.edu/forms/fso/firedrillreport.pdf">http://www.ehs.washington.edu/forms/fso/firedrillreport.pdf</a></p> <p><b>Completion Date:</b></p>
5. Are new, temporary, and student employees informed about emergency procedures in the EEOP during the new employee safety orientation?	<p><b>Corrective Action:</b> During new employee safety orientation, inform employees, including temporary staff and student employees, about the emergency evacuation procedures contained in the EEOP.</p> <p><b>Online:</b> <a href="http://www.ehs.washington.edu/forms/pso/NewEmployeeSafetyOrientation.pdf">http://www.ehs.washington.edu/forms/pso/NewEmployeeSafetyOrientation.pdf</a></p> <p><b>Completion Date:</b></p>

## Evacuation Warden Responsibilities

6. Are Evacuation Wardens familiar with the EEOP and building specific information such as escape routes, assembly points, areas of safe refuge for persons with disabilities, and how the alarm system responds?

**Corrective Action:** Evacuation Wardens should review the building EEOP at least annually. Be familiar with the function and activities of building staff during many types of emergencies, escape routes, areas of safe refuge for persons with disabilities, and assembly points. Be familiar with how the fire alarm system responds when initiated.

**Online:** <http://www.ehs.washington.edu/fsoemerprep/evacwardduties.shtm>

**Completion Date:**

7. Are Evacuation Wardens familiar with procedures in various types of emergencies: earthquake, fire, chemical release, bomb threat?

**Corrective Action:** Evacuation Wardens must be familiar with emergency and evacuation procedures for various types of emergencies, including basic sheltering in place, and share this information with employees in their area of responsibility. Review relevant sections of EEOP and conduct periodic drills with each type of major emergency.

**Online:** <http://www.ehs.washington.edu/fsoemerprep/emergproc.shtm>

**Completion Date:**

8. Do Evacuation Wardens and people in their areas of responsibility know the location of primary and secondary Evacuation Assembly Point(s)?

**Corrective Action:** Evacuation Wardens need to know the location of primary and secondary EAP(s) and share this information with employees in their area of responsibility.

**Online:** <http://www.ehs.washington.edu/fsoemerprep/evacinfo.shtm>

**Completion Date:**

### Fire Extinguishers / Disaster Supply / Emergency Kits

9. Do Evacuation Wardens know the locations and types of fire extinguishers in the building?

**Corrective Action:** Evacuation Wardens should familiarize themselves with the location and types of fire extinguishers in the building. Locate these on evacuation floor plans in the EEOP. Take EH&S training class on fire extinguisher use as necessary.

**Online:** <http://www.ehs.washington.edu/fsofire/fireextinguishers.shtm>

**Completion Date:**

10. Are there adequate disaster supply kits and first aid kits in the building? Are Evacuation Wardens familiar with their location?

**Corrective Action:** Obtain disaster supplies sufficient for building occupants to use for at least five days. Obtain first aid kits and strategically place throughout the building. If an Automated External Defibrillator (AED) is located in the building, Evacuation Wardens should know their location.

**Online:** <http://www.ehs.washington.edu/ohshsplans/firstaidkit.shtm>

**Completion Date:**

11. Are chemical spill kits available for each lab, shop or clinical area that contains chemicals or chemical products?

**Corrective Action:** Obtain chemical spill kits if needed. Familiarize Evacuation Wardens with location of kits.

**Online:** <https://www.ehs.washington.edu/epo/spills/chemspills.shtm>  
<http://www.ehs.washington.edu/ohshsplans/firstaidkit.shtm>

**Completion Date:**



## Evacuation Procedures

12. Do Evacuation Wardens follow an established procedure to conduct a head count of evacuated building personnel at the EAP?

**Corrective Action:** Train Evacuation Wardens to follow a set procedure for ensuring occupants have left their area and use a checklist of names at the EAP to account for the occupants in their area of responsibility. The Evacuation Director and emergency responders need to be notified immediately about any missing personnel.

**Online:** <http://www.ehs.washington.edu/fsoemerprep/evacwardduties.shtm>

**Completion Date:**

13. Do Evacuation Wardens know the procedures to account for persons with disabilities, visitors, and people unfamiliar with the building?

**Corrective Action:** Establish written procedures for Evacuation Wardens to account for persons with disabilities, special needs individuals, and building visitors after evacuation. Develop evacuation options as outlined in Appendix D of the model EEOP and as described at the EH&S website indicated below.

**Online:** <http://www.ehs.washington.edu/fsoemerprep/assemblyoccevac.shtm>  
<http://www.ehs.washington.edu/fsoemerprep/firesafetydirectorresp.shtm>  
<http://www.ehs.washington.edu/fsoemerprep/disableddevacguide.shtm>

**Completion Date:**

14. Do Evacuation Wardens know the location of employees in the building who have basic emergency skills (first aid, CPR, CERT)?

**Corrective Action:** Maintain a list of employees who have first aid/CPR training and their locations in the building. If your building has a CERT team, know who is on the team and their location in the building.

**Online:** <http://www.ehs.washington.edu/fsoemerprep/index.shtm>  
<https://www.washington.edu/emergency/cert-starting-team>

**Completion Date:**

15. Do Evacuation Wardens know the procedures for re-entering a building after different types of evacuations?

**Corrective Action:** Familiarize Evacuation Directors and Evacuation Wardens with proper re-entry procedures. An evacuated building may be re-entered only after an "ALL CLEAR" determination is made by the Seattle Fire Department or the UW Police Department.

**Online:** <http://www.ehs.washington.edu/fsoemerprep/emergproc.shtm>

**Completion Date:**

## Appendix M

### Evacuation Director Post-Earthquake Checklist

#### Buildings with Special Considerations

After a mild earthquake (gentle rolling motion), the Evacuation Director may use the attached checklist as a guide to determine if a building should be (1) evacuated, and (2), if evacuated, if the building can be re-occupied without receiving an all-clear signal from the Seattle Fire Department and/or the campus ATC-20 teams.

At all times, the safety of building occupants is paramount. This checklist is primarily used for general guidance in decision-making. However, if Evacuation Directors observe ANY conditions in their building that they suspect are unsafe or that they are uncertain about, then the building should not be reoccupied until the SFD and/or ATC-20 teams have given permission to re-enter the building. Always err on the side of safety. Be aware that strong aftershocks can occur as well, which should be considered before re-occupying a building.

**Note: The buildings listed below in Sections 1 and 2 require special consideration and it may be appropriate to evacuate and await re-entry until the buildings are evaluated by Environmental Health & Safety, a qualified asbestos consultant, or ATC-20 earthquake inspection teams.**

1. The following buildings have a moderate amount of asbestos-containing materials (i.e., fireproofing above ceilings or plaster materials on walls/ceilings) that, depending upon the severity of the earthquake, could become loose and present an exposure to occupants. A building specific re-entry plan developed by a qualified asbestos consultant is advised.

Asbestos-containing Materials		
Balmer Hall	Magnuson HSB – BB Tower	Pack Forest
Communications Building	Magnuson HSB – T-Wing	Schmitz Hall
Friday Harbor Shaw Beach House	McCarty Hall	Student Union Building
Kincaid Hall	More Hall	Utility Tunnels

2. In 1991, the Earthquake Readiness Advisory Committee (ERAC) evaluated buildings on campus for damage potential in a major earthquake. The following buildings should be evacuated and not re-entered until evaluated by ACT-20 earthquake inspection teams because of higher potential for damage or greater life safety risk:

Post-earthquake Structural Risk		
Anderson Hall	Gowen Hall	Pavilion Pool – Men’s
Art Building	Hutchinson Hall	Plant Operations Building
Canoe House	Lewis Hall	Raitt Hall
Chemistry Library Building	Miller Hall	Smith Hall
Denny Hall	Music Building	
Faculty Center (UW Club)	Observatory	

## Evacuation Director Post-earthquake Checklist

Complete this checklist following a mild earthquake. Evacuation Directors should use extreme caution and care when surveying their building. If the answer is YES for those items which list **(Evacuate)**, then evacuate the building (unless conditions outside the building are too hazardous for evacuation and assembly). Notify UWPD at 9-1-1 (or by runner if the telephone system is not working) to report the building evacuation and the reason(s) for the evacuation. The building will remain evacuated until ATC-20 structural assessment teams and/or Seattle Fire Department has cleared the building for re-entry.

If the evacuation director checks YES on one of the items on the checklist that does not list an **(Evacuate)** notation, then the evacuation of the building is at the discretion of the Evacuation Director. Consider if the observed conditions represent a safety or health risk to workers, students, or visitors to the building. Also report any hazardous materials spills/leaks and utility line damage to 9-1-1.

Whether the building is evacuated or re-entered, deliver a copy of this completed checklist to either the Unit Response Center or the EOC. Post a completed copy near the main entrance(s) for emergency response personnel to reference.

Building Name: Gould & Architecture Hall, Gould Annex  
and the Community Design Building Date: \_\_\_\_\_  
Evacuation Director: \_\_\_\_\_ Time: \_\_\_\_\_  
Evac. Director E-mail: \_\_\_\_\_ Phone: \_\_\_\_\_

Utilities	
Is the power out? <b>(Evacuate)</b>	Yes <input type="checkbox"/> , No <input type="checkbox"/> , N/A <input type="checkbox"/>
Are there any damaged, leaking or ruptured utilities? <b>(Evacuate)</b>	Yes <input type="checkbox"/> , No <input type="checkbox"/> , N/A <input type="checkbox"/>
Do you smell natural gas or hear a hissing noise from a gas leak? <b>(Evacuate)</b>	Yes <input type="checkbox"/> , No <input type="checkbox"/> , N/A <input type="checkbox"/>
Are there any light fixtures that are hanging loose from the ceilings, fallen on the floor, or any exposed wires? <b>(Evacuate)</b>	Yes <input type="checkbox"/> , No <input type="checkbox"/> , N/A <input type="checkbox"/>
Is there evidence of leaking or ruptured water lines, such as water leaking from ceilings, floors, or walls? <b>(Evacuate)</b>	Yes <input type="checkbox"/> , No <input type="checkbox"/> , N/A <input type="checkbox"/>
Are there damaged steam pipes or radiators? Is there visible steam leaking from these sources? <b>(Evacuate)</b>	Yes <input type="checkbox"/> , No <input type="checkbox"/> , N/A <input type="checkbox"/>
Are there exposed, damaged, frayed, or broken electrical cords, electrical wire/cable, or cable conduit? <b>(Evacuate)</b>	Yes <input type="checkbox"/> , No <input type="checkbox"/> , N/A <input type="checkbox"/>
Are there damaged sinks, toilets, piping or other plumbing? <b>(Evacuate if water is leaking or running uncontrolled)</b>	Yes <input type="checkbox"/> , No <input type="checkbox"/> , N/A <input type="checkbox"/>
Is hot water heater(s) detached or leaking? <b>(Evacuate if the water heater is gas-fired)</b>	Yes <input type="checkbox"/> , No <input type="checkbox"/> , N/A <input type="checkbox"/>
Are telephones and/or computer network out of order?	Yes <input type="checkbox"/> , No <input type="checkbox"/> , N/A <input type="checkbox"/>

<b>Mechanical / Electrical Equipment</b>	
Is there damaged air handling equipment such as fans, fan motors, or ductwork? ( <b>Evacuate</b> )	Yes <input type="checkbox"/> , No <input type="checkbox"/> , N/A <input type="checkbox"/>
Are there damaged electrical panels, circuit breakers, or leaking transformers?	Yes <input type="checkbox"/> , No <input type="checkbox"/> , N/A <input type="checkbox"/>
Are elevator doors stuck in a closed or partially open position? ( <b>Evacuate</b> )	Yes <input type="checkbox"/> , No <input type="checkbox"/> , N/A <input type="checkbox"/>
Is the elevator stuck between floors? ( <b>Evacuate</b> )	Yes <input type="checkbox"/> , No <input type="checkbox"/> , N/A <input type="checkbox"/>
Have any appliances such as refrigerators and freezers toppled over?	Yes <input type="checkbox"/> , No <input type="checkbox"/> , N/A <input type="checkbox"/>

<b>Hazardous Materials / Conditions</b>	
Are there fires in the building too large to be contained by a trained and competent person with a fire extinguisher (larger than a wastebasket)? ( <b>Evacuate</b> )	Yes <input type="checkbox"/> , No <input type="checkbox"/> , N/A <input type="checkbox"/>
Have hazardous chemicals or other hazardous materials leaked or spilled, and is the spill larger than can be cleaned up with a chemical/biological spill kit by competent and trained personnel? ( <b>Evacuate</b> )	Yes <input type="checkbox"/> , No <input type="checkbox"/> , N/A <input type="checkbox"/>
Are there any damaged or leaking compressed gas cylinders, high pressure vessels, or storage tanks? ( <b>Evacuate</b> )	Yes <input type="checkbox"/> , No <input type="checkbox"/> , N/A <input type="checkbox"/>
Have numerous bookcases, filing cabinets, computer monitors, and other building furnishings toppled over? Are they blocking emergency exits? ( <b>Evacuate</b> )	Yes <input type="checkbox"/> , No <input type="checkbox"/> , N/A <input type="checkbox"/>
Is there damaged pipe insulation or fireproofing that are labeled or known to be asbestos-containing? ( <b>Evacuate</b> )	Yes <input type="checkbox"/> , No <input type="checkbox"/> , N/A <input type="checkbox"/>

<b>Walls, Floors, Ceilings, and Windows</b>	
Are there uneven floors, buckled carpets, or broken tile/vinyl flooring? <b>(Evacuate)</b>	Yes <input type="checkbox"/> , No <input type="checkbox"/> , N/A <input type="checkbox"/>
Do any walls, support columns, or beams appear bent, twisted, sagging or leaning? <b>(Evacuate)</b>	Yes <input type="checkbox"/> , No <input type="checkbox"/> , N/A <input type="checkbox"/>
Are there severe cracks in the walls? <b>(Evacuate)</b>	Yes <input type="checkbox"/> , No <input type="checkbox"/> , N/A <input type="checkbox"/>
Are there any doors or windows difficult to open or close? <b>(Evacuate)</b>	Yes <input type="checkbox"/> , No <input type="checkbox"/> , N/A <input type="checkbox"/>
Is the suspended ceiling framework bent, twisted, or fallen? <b>(Evacuate)</b>	Yes <input type="checkbox"/> , No <input type="checkbox"/> , N/A <input type="checkbox"/>
Is there damage to stairs, stairwells, or handrails?	Yes <input type="checkbox"/> , No <input type="checkbox"/> , N/A <input type="checkbox"/>
Are there displaced or fallen ceiling tiles?	Yes <input type="checkbox"/> , No <input type="checkbox"/> , N/A <input type="checkbox"/>
Are there damaged or broken windows and/or window frames?	Yes <input type="checkbox"/> , No <input type="checkbox"/> , N/A <input type="checkbox"/>

<b>Building Façade / Outdoors</b>	
Are any outside building components (brick, mortar, stonework, chimneys) cracked or broken? Are there chunks of debris on the ground near the base of the building?	Yes <input type="checkbox"/> , No <input type="checkbox"/> , N/A <input type="checkbox"/>
Are there downed trees, power poles, and electrical wires outside the building?	Yes <input type="checkbox"/> , No <input type="checkbox"/> , N/A <input type="checkbox"/>

**Deliver a copy of this completed checklist to either the Unit Response Center or the EOC. Post a completed copy near the main entrance(s) for emergency response personnel to reference.**

## Appendix N

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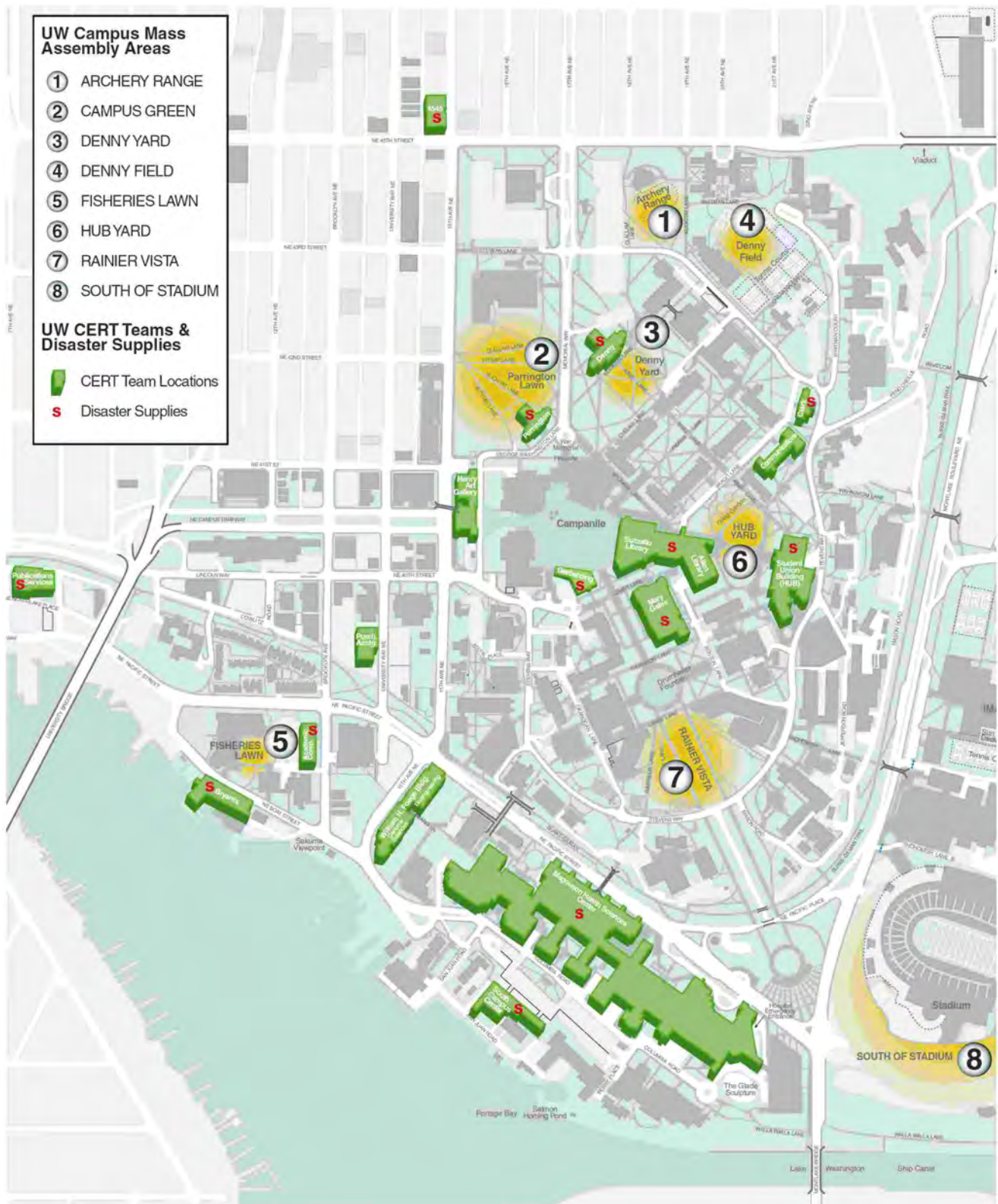
### List of Acronyms

<b>ATC-20</b>	..... Applied Technology Council (Rapid Assessment Teams for Earthquakes)
<b>CERT</b>	..... Campus Emergency Response Team
<b>EAP</b>	..... Evacuation Assembly Point
<b>ECS</b>	..... Emergency Communication System
<b>EEOP</b>	..... Emergency Evacuation and Operations Plan
<b>EH&amp;S</b>	..... Environmental Health and Safety Department
<b>EOC</b>	..... Emergency Operations Center
<b>EMP</b>	..... All-Hazards Emergency Management Plan
<b>FOMS</b>	..... Facility Operations Maintenance Specialist
<b>HVAC</b>	..... Heating, Ventilation, and Air-Conditioning
<b>ICS</b>	..... Incident Command System
<b>MSDS</b>	..... Material Safety Data Sheet
<b>MyChem</b>	..... EH&S Online Chemical Inventory Management System
<b>OEM</b>	..... Office of Emergency Management
<b>SFD</b>	..... Seattle Fire Department
<b>SOP</b>	..... Standard Operating Procedure
<b>UW</b>	..... University of Washington
<b>UWPD</b>	..... University of Washington Police Department
<b>WAC</b>	..... Washington Administrative Code



# Appendix O

## Current UW Mass Assembly Areas



## Appendix Q

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### COLLEGE OF BUILT ENVIRONMENTS (CBE)

#### UW Health and Safety Plan

Date updated: 06/01/2009

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## **CBE HEALTH & SAFETY PLAN**

### **A. INTRODUCTION:**

#### **1. Scope:**

The policies and procedures described in this plan apply to all operating units of the College of Built Environments (CBE) and address site-specific safety issues, if applicable. The College includes four academic departments: Architecture, Urban Design and Planning, Landscape Architecture, and Construction Management. It also applies to the Dean's Office.

The College is located in two main buildings on campus: Gould and Architecture Halls. In addition, CBE has the Gould Annex and the Community Design Building. Each of these four buildings is included as part of this health and safety plan.

Faculty and students conduct work and study abroad. Staff personnel travel to conduct college and university business, both domestic and international. We will review a checklist before travel to identify health services and emergency plans as a resource for the traveler. Design/build projects are kicked off with a safety discussion. The discussion includes information related to contacting emergency medical services.

#### **2. Health and Safety Policy:**

This Accident Prevention Program, or Health and Safety Plan (HSP), shares the commitment of the University of Washington to provide a "safe and healthful environment for all individuals associated with the institution, including faculty, staff employees, hospital patients, and visitors" (University Handbook Vol. IV, Part VI, Chapter 4). It follows UW policy set in the Administrative Policy Statements (APS) 10.3, and is consistent with requirements in the Washington State Industrial Safety and Health Act (WISHA) (WAC 296-24, 296-62 and 296-800) which is administered by the Department of Labor and Industries (L&I).

#### **3. Responsibility:**

The Dean, Director, Chairs and Supervisors are responsible for maintaining safe work practices in their respective units, including required health and safety training. We understand that it is University policy that this responsibility can neither be transferred nor delegated (University Handbook, Vol. IV, Part VI, Chapter 4, Section 1.A).

The CBE requires all employees to comply with health and safety regulations, with departmental policies and procedures that apply to their own conduct on the job, and to report accidents, injuries, and unsafe conditions to their supervisor.

#### **4. Safety Coordinator:**

The College Administrator is the Safety Coordinator for the CBE (see "Back Page") and has been given adequate authority to carry out the following responsibilities:

- Updating the CBE health and safety plan, at least annually.
- Monitoring compliance with the department safety and health plan.
- Scheduling employee safety and health training as required and needed.
- Maintaining liaison with Environmental Health and Safety.
- Working with supervisors and employees to resolve safety complaints

- Keeping the CBE safety bulletin board up-to-date.
- Inspecting the contents of first aid kits and other emergency supplies at least once a year and replacing missing items.
- Maintaining safety records, such as copies of accident reports, training records, safety inspection reports, safety procedures, etc.
- Keeping the department head and Chairpersons aware of current safety concerns.

## **B. FUNDAMENTALS FOR ALL WORK SITES: 8 KEYS**

### **1. New Employee Health and Safety Orientation:**

All CBE new employees, including those that are permanent, temporary, or part-time, must receive instruction for the following (checklist attached):

- Reporting procedures for fire, police, or medical emergencies;
- Evacuation procedures during an emergency (refer to EEOP).
- Location of fire alarm pull-stations and fire extinguishers; Employees using fire extinguishers must have previously received training;
- Procedures for reporting all accidents and incidents to their supervisors and filling out accident/incident reports are located at <https://oars.ehs.washington.edu/OARS/>;
- Procedures for reporting unsafe conditions or acts to their supervisors and, when possible, taking action to correct unsafe conditions (e.g., wiping up small, non-toxic spills or removing tripping hazards)
- Exact location of first-aid kits and identification of first-aid certified employees;
- Description of the UW and CBE Hazard Communication Program including:
  - Identification of areas where hazardous materials are stored or used
  - Location and availability of Material Data Sheets (MSDSs)
  - An explanation of Hazard Communication labeling requirements and the labeling system used by the CBE
  - Notification that additional training will be provided, if needed, covering health effects of hazardous chemicals and how to work with chemicals safely
  - Reference to Administrative Policy Statement (APS) 12.5 "Hazard Communication Program"
- Identification and explanation of all warning signs and labels used in their work area;
- Use and care of any personal protective equipment they are required to use;
- Description of safety training they will be required to attend for their job;
- Safety training and education programs, available from EH&S upon request to assist departments in implementing the following:
  - Lifting: Computer personnel
  - Hazard Communication Training: All employees specific to areas that contain heavy equipment and/or chemicals
  - First Aid & CPR: Selected employees
  - Safety Program Documentation

### **2. Emergency Evacuation and Operations Plan (EEOP):**

All University employing units must develop procedures for evacuation in an emergency and for response to fires, bomb threats, chemical spills, earthquakes, etc. The CBE has attached an EEOP to this Plan and has placed copies in the reference station areas in Gould Hall, Room 224, and in Architecture Hall, Room 130.

The CBE EEOP references:

- Building floor plans that are posted in the buildings;

- Evacuation procedures;
- Evacuation assembly point(s);
- Methods of accounting for staff, students, visitors;
- Areas of refuge for mobility-impaired occupants.
- Key points:
  - All departmental staff must be trained in their EEOP during orientation. The safety committee will offer annual refresher training to college personnel.
  - The CBE Payroll Coordinator distributes the College's EEOP to all new employees as part of their department new employee orientation.
  - Organization of Evacuation Wardens,
  - If an employee moves to a new location, the EEOP must be reviewed for the new work-site. This is done during the introduction to the facility.
  - Departmental personnel will make sure that all doors, exit pathways and stairs are kept clear of all obstructions that could impede safe exiting.
  - Fire separation doors, particularly stairway doors, shall not be blocked or wedged open.
  - If the fire alarm is activated, all affected employees shall immediately leave the alarmed area, closing doors behind them.
  - Elevators are never to be used during an alarm.

### 3. Accidents:

#### a. Medical Emergencies:

All medical emergencies must be reported to the nearest Emergency Medical Services (EMS). The CBE uses the 911 (from any campus phone) system to report medical emergencies. Non-campus facilities and field locations should dial 911 (U.S.) or local EMS personnel in international locations identified before travel.

#### b. Report form to supervisor:

All accidents *and near accidents (incidents)* must be reported to the employee's supervisor as soon as possible. Near misses are valuable opportunities to correct unsafe situations, which under slightly different circumstances, would result in serious injury. A report must be filled out by the employee, the supervisor, or both using the Online Accident Reporting System (OARS) at: <http://www.ehs.washington.edu/ohsoars/index.shtm>.

The administrator will bring all reports to quarterly safety committee meetings for review.

#### c. Investigation:

All accidents and/or near accidents are investigated by the employee's supervisor. The investigation results and remedial measures will be summarized on the OARS system. Supervisors may request the assistance of EH&S (543-7388) to investigate any accident and especially to recommend any corrective action to prevent a recurrence of the accident. Accident investigation reports are reviewed by EH&S and the department's organizational health and safety committee.

### 4. First Aid and CPR Access:

Quick and effective first-aid for an injured University employee results from the availability of strategically located first-aid kits and first-aid/CPR certified individuals

whenever department staff is working. Adequate employee *access* to these resources is addressed in this section.

**a. Department First Aid**

Consistent with the UW First Aid Response Plan (APS 10.5), certified first-aid and CPR assistance is available to department employees by:

- UW Police department rapid response team
- CBE employees identified in the “Back Page” of this document.

Related department *training* requirements are addressed later in section C.4 First Aid and CPR Training.

**b. First Aid Kits**

First-aid kits in the CBE are located in all studios at the sink and in administrative offices in all buildings. Each location is marked with a sign. First-Aid Kits are inspected periodically, at least once a year by the safety coordinator so they can be restocked before running out of an item.

**5. Safety Problems: Reporting and Resolving:**

The supervisor should work with the Safety coordinator or health and safety committee to resolve problems. If employees do not feel they can report a safety problem to their supervisor or have done so and do not feel the problem has been resolved, the employee may discuss the situation directly with the safety coordinator or a safety committee representative. Supervisors are encouraged to actively seek input from employees on any health and/or safety issue during regular meetings. Any party may request EH&S assistance if internal procedures cannot resolve the problem. An incident report must be completed to report any safety problems, whether they are accidents or near accidents. Please access <https://oars.ehs.washington.edu/OARS/>

**6. Safety Meetings: Supervisor Leadership**

The CBE has offices, a photo lab, classrooms, wood/metal shop, studios and storage areas in its four buildings. It is the College’s policy that safety and health meetings be conducted quarterly. It is the responsibility of the College Administrator to schedule and inform departmental faculty, staff and students of the times, dates and locations of these meetings. Topics to be covered include, but are not limited to, proper chemical use, fume hood use, and other areas as appropriate.

Faculty must also directly convey information to students about safety in the classroom setting. At the start of each quarter faculty are required to report completion of this safety discussion.

**7. Health & Safety Committee Participation:**

UW Health & Safety Committees at two organizational levels help determine unsafe conditions and methods of work, suggest corrective measures, and obtain the participation of all UW personnel. At these Organizational and University-Wide levels, fifty percent (or more) of the representatives are elected by employees and fifty percent (or less) are appointed by management. Safety issues may originate at either level and all personnel are encouraged to voice issues.

Health & Safety Committees are required by Washington State regulation (WAC 296-800-14005). A listing of committees and current members may be found at the EH&S web-site: [www.ehs.washington.edu](http://www.ehs.washington.edu) (click on Safety Committees).

**a. Departmental and Organizational Health and Safety Committees**

The University system is divided into eleven organizational groupings; each one represented by an *Organizational Health and Safety Committee* which deals with issues the members may have in common but can handle more effectively together. Since the College consists of only four departments, it was redundant to have both departmental and organizational committees. Each elected member represents all units of that organizational group, including his/her own. The CBE makes up the entire Group 5 Organizational Health and Safety Committee "College of Built Environments." (Refer to section B6). Any CBE employee may express safety concerns directly to this Committee or relay concerns to the committee through any of its members. The full Group 5 Committee meets on the last Thursday of each quarter in the College Administrator's office.

Two elected employees and one appointed employee, the CBE Administrator, represent the four units on the Group 5 Organizational Committee. One of the elected representatives serves on the University-Wide Health and Safety Committee and the other one substitutes at University-Wide meetings as needed

A list of current representatives is included in the "Back Page" of this document.

Organizational health and safety committee duties are as follows:

**Every two years:**

- Conduct an election during the last Quarter of odd numbered years.
- Elect a chair.
- Determine frequency, date, hour and location of meetings.

**Quarterly**

- Produce and distribute minutes of each meeting to each department and the College Safety Coordinator.
- Recommend action and work with the Dean to implement.
- Resolve health and safety concerns presented to the committee by employees within the organizational unit.
- Review and evaluate safety and health inspection reports:
  - Photo lab
  - Wood/metal shop
- Review and evaluate accident investigation reports.
- Review and evaluate accident/illness prevention programs within the various entities represented by that organizational committee.
- Review safety related material provided by EH&S and various regulatory agencies.

**b. University-Wide Health and Safety Committee**

In addition, to provide consistency and oversight, a *University-wide Health and Safety Committee* has been established. Its members come from the eleven organizational committees. Safety issues referred to this level are relevant to the entire University

community. The member and alternate member who currently represent Group 5 at the University-Wide Health & Safety Committee are listed on the “Back Page” of this document.

The role of the University-wide Committee is:

- Coordinate information from the Organizational Committees to provide consistent campus-wide strategies for health and safety activities and target concerns for Organizational Committee actions.
- Review the extent and magnitude of occupational injuries, illnesses and incidents experienced by University employees based on information presented annually to the University-wide committee by Environmental Health and Safety and Risk Management.
- Review the status of the occupational health and safety environment for UW employees based on information and risk factors provided by the organizational committees, Environmental Health and Safety, and Risk Management.
- Make recommendations on health and safety strategies, policy and programs to the Director of Environmental Health and Safety.
- Serve as “watchdog” over employee health and safety concerns.
- Assist EH&S in motivating the campus community to create and maintain a safe and healthful environment through adherence to health and safety rules and regulations and adoption of good health and safety practices in all work areas.
- Determine when and which University-wide Health and Safety Committee concerns need to be presented to the Board of Environmental Health and Safety and, when necessary, represent employee health and safety positions on those issues to BEHS.

## **8. Safety Bulletin Boards**

The CBE safety bulletin board is used for posting DOSH (formerly WISHA) posters, safety notices, safety newsletters, safety committee minutes, training schedules, safety posters, accident statistics, and other safety education material. It is located in Gould Hall, Room 238 where all employees, students, and visitors can see them (WAC 296-800-19005).

## **C. ACCIDENT/ILLNESS PREVENTION: 6 KEYS:**

### **1. Identification of hazards:**

In order to assure a safe and healthful work environment, the College has established the safe work practices and policies that are listed in the Standard Operating Procedures (SOP) binder.

- We consulted knowledgeable staff to identify possible hazards.
- We included a review of records in the assessment faculty, staff, student, and visitor exposures to work site hazards.
- We visited all work areas, and examined processes from beginning to end in order to record possible hazardous situations.
- We developed inspection checklists (see section C.3 below).
- We applied recommendations from inspectors outside our department, such as EH&S.
- We consulted the Washington Administrative Code (WAC) Chapters 296-24, 296-62 and 296-800 for General Safety and Health Standards and Occupational Health Standards established by the State Department of Labor and Industries (L&I), as well as the University of Washington Administrative Policy Statements (APS), 10.3.

- We conducted a Job Hazard Analysis when appropriate. This includes:
  - Review of job injury and illness reports (including “close calls”) to determine which jobs to analyze first.
  - Involvement of employees in all phases of the analysis, explaining to workers that we are studying the job, itself, not checking up on them.
  - Review of position descriptions for an overview of job activities.
  - Noting deficiencies in general conditions, such as inadequate lighting, noise, or tripping hazards that may not be directly related to the job.
  - Breaking a job down into steps in the order of occurrence.
  - Examining each step to determine if hazards exist or might occur.
  - Determining whether the job could be performed in another way or whether safety equipment or precautions are needed.
  - Writing new procedures if safer job steps can be used. We describe specifically what the worker needs to know to perform them.
  - Determining if any physical changes will eliminate or reduce the danger (e.g. redesigned equipment, different tools, machine guards, personal protective equipment or ventilation).
  - Trying to reduce the necessity or frequency for performing the job if hazards are still present.
  - Reviewing recommendations with all employees performing the job.
  - Reviewing and updating the job hazard analysis periodically, especially if an accident occurs in that job.
- Generally, potential hazards in the College are as follows:
  - Gould Hall Photography Lab. Chemicals are clearly marked according to our Haz-Com Program and stored in an area near a sink. John Stamets is responsible for ensuring the safety of these materials. Floor drains are located where these chemicals are utilized. The chemicals used in the photo lab are biodegradable or able to be neutralized.
  - Gould Hall Woodshop. The wood shop is located in Gould Hall on the first floor in suite 132. Kimo Griggs and Penny Maulden explain the proper use of power tools to the students at the beginning of the furniture design class. Hazardous materials are clearly marked and stored in a flammable liquids storage cabinet. Stains and paint are stored on university approved shelving with lips to prevent anything from falling off the shelf. There is a wood dust collection system in the shop. Machine guards are visually inspected daily by shop supervisors.

Check All That Apply	<b>Typical Worksite Safety Issues To Address</b>	<b>Offices</b>	<b>Class- rooms</b>	<b>Hosp. / Clinics</b>	<b>Labs</b>	<b>Shops</b>
	<b>Applies: A=Almost Always, B=Commonly, C=May Apply, Blank=Rarely Applies</b>					
<b>X</b>	Emergency Procedures: Fire, Other (EEOP)	A	A	A	A	A
<b>X</b>	Earthquake Preparedness	A	A	A	A	A
<b>X</b>	Housekeeping Hazards	A	A	A	A	A
<b>X</b>	Slip/Trip Hazards	A	A	A	A	A
<b>X</b>	Electrical Equipment & Wiring	A	A	A	A	A
<b>X</b>	Emergency Escapes (Egress) Maintained/Unlocked	A	A	A	A	A
<b>X</b>	Obstruction-Free Aisles	A	A	A	A	A
<b>X</b>	Stacks of Stored Materials (Stable/Secure)	A	A	A	A	A
	Temperature Extremes: Heat/Cold Stress	A	A	A	A	A
<b>X</b>	HazCom Right-To-Know (Written Program In Place)	A	A	A	A	A
<b>X</b>	Air Contaminants, Dusts, "Inert" Gases, Vapors	A	A	A	A	A
<b>X</b>	Asbestos (Present or Handled)	A	A	A	A	A
<b>X</b>	Lifting >20 lbs.	A	A	A	A	A
<b>X</b>	Repetitive Motion, Ergonomics	A	B	A	A	A
<b>X</b>	Motor Vehicles	A	A	B	B	A
<b>X</b>	Hand or Portable Power Tools	B	B	A	A	A
<b>X</b>	Ladders	B	B	A	A	A
<b>X</b>	Knives or Cutting Blades	B	C	A	A	A
<b>X</b>	Compressed Gas or Equipment		A	A	A	A
<b>X</b>	Hazardous Waste	C	A	A	A	A
<b>X</b>	Haz-Mat Spills: Operations, Emergency Response		A	A	A	A
<b>X</b>	Hazardous Materials Stored/Shipped/Transported	C	B	A	A	A
	Laboratory Chemicals		B	A	A	A
	Radioactive Materials Used or Stored		A	A	A	
<b>X</b>	Personal Protective Equipment (PPE)	C	B	A	A	A
<b>X</b>	Respiratory Protection, Workplace Evaluations		B	A	A	A
	Bloodborne Pathogens/Biohazards/Infectious Waste		B	A	A	B
<b>X</b>	Welding, Cutting, Brazing		B	A	A	A
<b>X</b>	Machinery (Machine Guards)		B	B	A	A
<b>X</b>	Lock-Out/Tag-Out		C	A	B	A
	Confined Work Spaces / Oxygen-Deficiency			A	C	C
	Steam or Autoclaves		C	A	A	
<b>X</b>	Lasers or UV Light		C	B	A	A
<b>X</b>	Flammable Liquids (Handled or Stored)		C	B	A	A
	Formaldehyde (Handled or Stored)			B	A	C
<b>X</b>	Carcinogens			B	A	A
	Lead or Benzene (Handled or Stored)			C	A	A
	Animals (Handled or Kept)		C		A	
<b>X</b>	Loud Noise				A	A
<b>X</b>	Vibration From Tools/Machinery				A	A
<b>X</b>	Heights > 4 Ft. (Possible Falls)	C	C	C	A	A
<b>X</b>	Cranes, Hoists, Derricks, Rigging		C	C	A	A
	Powered Platforms (Personal Lifts)		C	C	C	A
	Forklifts				C	A
	Scaffolds		C	C	C	B
	Excavation, Trenching or Shoring Activities					
<b>X</b>	BBQs					
<b>X</b>	Food Handling			C		
	Diving	79				



## 2. Reduction of hazards:

The CBE department heads and supervisors have complied with the requirement for a written safety plan in their areas of responsibility by *identifying* and documenting each of the above hazards *evaluating* its potential risk, and *controlling* or eliminating it according to the measures described in the binder of SOPs.

When possible, we modified or designed our facilities and equipment to eliminate employee exposure issues check marked on the above chart. Where engineering controls are not possible, we have instituted SOPs (see binder) that effectively prevent employee exposure to the hazard. When these methods of control are not possible or not fully effective, we require the use of personal protective equipment (PPE) such as safety glasses, hearing protection, etc. (see SOP binder).

The CBE hazard assessment and training documentation is located in Gould 224. The following information required by UW APS10.4 is included in the SOP binder:

- Hazard Assessed, (site, evaluator, date, supervisor verifying)
- Personal Protective Equipment (PPE) Selected
- Type and frequency of Training

### a. Evaluation

*Evaluation* of potential risk (probability and magnitude of harm) has been done for the hazards listed above.

Refer to the Safety Committee records binder in Gould 224

### b. Engineering Controls

*Engineering controls* have been employed, whenever possible, as the preferred way to eliminate the following specific hazards when possible, such as the Shop dust collection system.

### c. Administrative Controls

*Administrative controls*, the way a job is done, have been used to reduce some of the hazards such as the training involved with shop tools and securing the shops for unauthorized use. In CBE departments, on-going training is an inherent part of our safety program.

Administrative controls are described to in the SOP binder.

### d. Personal Protective Equipment (PPE)

*Personal protective equipment (PPE)* is used as a “last line of defense” for some hazards, particularly chemicals.

- The University provides most personal protective/safety equipment for its employees when required by regulation or when a determination has been made that personal protective equipment is needed for an extra level of employee protection. Basic equipment such as safety glasses and gloves are provided as indicated in CBE SOP binder.
- Employees and students are informed of the specific protective/safety equipment requirements at the beginning of classes or design/build projects by their instructors.

- Each department/supervisor is required to conduct a hazard assessment of the work area in conjunction with the Safety Committee and document this inspection in the safety committee binder located in Gould 224.
- If hazards are identified, then specific personal protective equipment must be selected for each hazard by the safety committee and the faculty, and the affected employees trained on the safe use, care and maintenance for each piece of equipment.
- Hazard identification, personal protective equipment selection and employee training must be documented after each quarter's introduction to safety.
- Changes in processes or work sites require a review hazard assessment, selection and/or training.
- For a copy of our safety inspection checklist go to  
\\Jabba\Users\Deans\Deans\Guidelines\wrkcklst.pdf

### 3. Safety Inspections

To maintain our commitment to safe work practices, and to ensure that our departments continue to meet regulatory standards, the CBE conducts regular, thorough inspections annually (quarterly for the wood/metal shop) of work areas and continually check for unsafe conditions and practices. We consider these inspections an additional opportunity to provide practical training in safety awareness as well as a systematic method for involving supervisors and others in the process of reducing workplace hazards. The CBE's policy on the frequency of inspections is below:

- |                      |           |
|----------------------|-----------|
| ○ Wood/Metal shop    | Quarterly |
| ○ Shop tools, visual | Daily     |
- Faculty are required to conduct periodic inspections of work areas under their supervision and document each inspection. Inspection reports should be saved in the respective space office.
  - Supervisors and employees continually check work areas for unsafe conditions and practices so immediate corrective action can be taken (UW OPS D10.3).

### 4. First Aid and CPR Training

In order to ensure that CBE staff have adequate *access* to first aid in an emergency (see section B.4), our department requires current *training* for some employees in first aid and CPR certification. According to the UW APS 10.5, which lists jobs, activities, and work-sites that require this, we have established the following training requirements:

- Any shop faculty or TA is required to be trained in CPR.
- Names and phone numbers of employees who are first-aid/CPR certified are listed on the "Back Page" of this document
- The UW Police Department provides adequate access to emergency first aid for our employees (see section B.4). We do require employee training in First Aid and CPR in the shop.

### 8. First Aid and CPR

University employees are afforded immediate first aid in the event of an injury. This is accomplished by the strategic location of first aid kits and the availability of first aid certified individuals at or near where the employees are working.

- First aid kits are available in the Dean's office, Gould 224, Architecture Hall 130, and in all studios. They are well marked and easy to find.
- UW police officers are First Aid and CPR certified and are within a two to three minute response time by calling 911 from any campus phone.
- Police cars are equipped with AED's (automatic external defibrillators). If calling on a cell phone state that you are on the University of Washington Campus so that the call is sent to the UWPD otherwise one could be speaking with the State Patrol or to the Seattle Police Dept.

## **5. Safety Training: On-Going**

To ensure an effective health and safety program, we continually re-educate employees on how to work safely with all applicable hazards. Training requirements are listed in the SOPs. Supervisors are responsible for training their employees and for seeing that safe practices are followed. Training records, including completion dates, are kept in personnel files to maintain program continuity and to satisfy legal requirements. This documentation is kept in Gould 224.

- Students are monitored on heavy equipment usage by class monitors until the monitor is satisfied that the student is using the proper safety procedures. Monitors are experienced operators and have been trained by the faculty to assess others' skill at handling machinery.
- Faculty in charge of classes that involve working with hazardous materials or heavy equipment explain safety procedures to students at the beginning of each quarter and document the training. This documentation must be submitted to the safety committee and included in the safety binder located in Gould 224 in a timely manner.
- In addition to New Employee Orientation, the CBE provides ongoing training. This includes:

### **Chemical Hazard Communication**

The Hazard Communication (Worker Right-to-Know) Washington State Occupational Safety and Health Standard requires that employees be informed of and receive information about hazardous chemicals in the work place through labeling, material safety data sheets and training (WAC 296-800-170). The UW Hazard Communications Program is described in the UW APS12.5. CBE's Haz-Com Program is found in the SOP binder and includes the following:

- Inventory of Hazardous Chemicals:  
An inventory of hazardous chemicals is maintained in the UW MyChem database by room number. Individuals responsible for those rooms check the inventory annually but generally add new chemicals when they arrive.
- Labeling:  
Information about hazardous chemicals is found on manufacturers' labels on chemical (or chemical products) containers. If chemicals are transferred from a labeled container to an unlabeled container, the secondary container must be labeled with the identity of the chemical, the appropriate hazard warnings and target organ effects.
- Material Safety Data Sheets (MSDSs)

All employees in a location where chemical products are used have access to MSDSs online at MyChem.

<http://www.ehs.washington.edu/epomychem/index.shtm>

If an accident occurs outside normal hours, employees and students need to contact the nearest poison control center, hospital emergency room personnel or call 911 from any campus phone for transport to the University of Washington Medical Center Emergency Room for medical attention.

- Hazard Communication Training  
Employees receive information about the UW Hazard Communication Program during Personnel's UW New Employee Orientation Program and can access the UW web site at <http://www.ehs.washington.edu/updates/Hcoacpro.htm> for further information.  
New employees and students in CBE receive training on chemical handling if they work in the Photo lab, the Wood Shop or the Fume Hood facility. Authorized users are limited to students receiving instruction and faculty trained to use the appropriate lab.
- Training includes:  
How to read labels and how to label secondary containers.  
How to read an MSDS and where MSDSs are located.  
The physical and health hazards of the chemicals they work with and how to work safely with these chemicals.
- In addition to the above, employees who work with chemicals (but not in a laboratory setting) receive training on the use of any hazardous materials from a qualified employee (trained in handling of materials).
- Office workers who do not enter chemical areas such as laboratories or shops may be trained by a review of UW policies at <http://www.ehs.washington.edu/updates/Hcoacpro.htm> and a review of the specific hazards with which they work.

## **6. Medical Exams and Vaccinations**

Certain work environments or specific work practices create health risks that require medical examinations or immunizations for employees. We have checked the UW APS 10.3 or 10.6, or called Occupational Health at 206.543.7388 and determined that this does not typically apply to the CBE. However, this is included in the travel checklist referred to in A1.

## **D. DOCUMENTATION AND FOLLOW-UP**

### **1. Record-Keeping**

To meet State requirements, the CBE maintains records of safety activities for varying lengths of time depending upon the type of record, and is able to produce them when requested by EH&S or L&I. Departments maintain records of all safety activities during the previous twelve- (12) months. These records will be made available to DOSH and EH&S personnel at their request. The records below are those maintained by the CBE in the office of the Dean, Gould 224.

Department Emergency Evacuation and Operations Plans (EEOP)  
Employee health and safety training records  
Department Inspection Reports  
Health and Safety Committee Meeting Minutes  
Accident Reports are available through the OARS system:

## **2. Updates:**

For this Plan to be useful as a “living document,” it must reflect the department’s *current* safety program and its *current* responsible parties. Periodic updates, at least annually, are necessary to ensure this. The “Back Page” of this document provides a convenient place to look for the most recent revision date, the names of key safety personnel, and other information.

## **E. THE SAFE CAMPUS PROGRAM**

While there are specific regulatory requirements for hospitals and late night retail operations regarding workplace violence that don’t apply to general University operations, we do recognize that individual attacks on faculty, staff and students can and have occurred due to domestic violence or workplace violence. As part of maintaining a healthy, safe working environment, the University has developed and administers one UW Violence in the Workplace Policy and Procedure through the Human Resource’s Violence Prevention and Response Program. Information on the program/policies is published on the UW website at <http://www.washington.edu/admin/hr/polproc/work-violence/index.html>.

All managers, supervisors, and employees should be aware of the appropriate processes to follow regarding workplace and domestic violence prevention. Questions regarding these processes can be directed to the HR Violence Prevention and Response Program Manager. We expect all our faculty and staff to take Workplace Violence training. We arrange for the biennial training facilitated by the Dean’s office. Records of the training are maintained in the Dean’s office, Gould 224.

For more comprehensive information, access the SafeCampus website at <http://www.washington.edu/safecampus>.

If any staff has concerns regarding a threat of violence, call:

Seattle: 206-685-SAFE (206-685-7233)

Bothell: 425-352-SAFE (425-352-7233)

Tacoma: 253-692-SAFE (253-692-7233)

**In a life threatening situation or imminent danger call 911, immediately!**

## **“Back Page”**

1. Department: College of Built Environments
2. Today's date / signature: February 10, 2018 – Meegan Amen
3. Previous updates: 9/1/2015 -- Meegan Amen; 6/1/2013—Meegan Amen; 10/29/2007 – Peter Rackers; 2000 - Penny Buffo
4. Health and Safety Coordinator for CBE:  
Name Meegan Amen  
Phone 206-616-2439  
E-mail meegan@u.washington.edu  
Gould 224 MS 355726
5. **Departmental / Organizational** Health & Safety Committee  
Group 1; 2<sup>nd</sup> Wednesday of each month, 5<sup>th</sup> floor Suzallo Library. Meegan Amen member.
6. First-Aid/CPR Certified employees in our department:  
Contact UWPD for First-Aid Responder  
Person responsible for stocking First-Aid Kits (UW APS 10.5):  
Departments responsible for their own studios  
Penny Maulden for Fabrication Lab  
Josh Polansky for Photo Lab  
All other spaces Meegan Amen 206-616-2439
7. Important Non-Emergency Phone Numbers:  
  
8. Floor warden information:  
Architecture Hall – Matt Sharp, Katherine McDermott & Rachel Faircloth  
Gould Hall –  
Basement – Mark Baratta & Ross McKenzie  
1<sup>st</sup> & 2<sup>nd</sup> floor – Meegan Amen & Rachel Ward  
3<sup>rd</sup> floor – Alan Michelson & Josh Polansky  
4<sup>th</sup> floor – Larissa Austin Masiak & Diana Siembor  
Community Design Building – Meegan Amen