



Physics Department

Emergency Action Plan & Evacuation Guide

In compliance with:

California Code of Regulations

Title 8, Section 3220

Annual Review/Rev.	9/25/2017	3/31/2016	8/8/2015
Dates:	_____	_____	_____

Implementation Date: 9/28/2009

Introduction

An Emergency Action & Evacuation Plan (herein referred to as an EAP) covers designated actions employers and employees must take to improve employee safety during emergencies. [Cal-OSHA regulations](#) require employers to establish, implement and maintain an EAP. The program must be in writing and include the following elements:

- The preferred means of reporting fires and other emergencies
- A system to alert and notify employees of an emergency
- Evacuation procedures and emergency escape routes
- Procedures for employees who remain to operate critical plant operations before they evacuate
- A procedure to account for all employees after an emergency evacuation is completed
- Rescue and medical duties for those employees who are able to perform them
- Names or regular job titles of persons or departments who can be contacted for further information or explanation of duties under the plan

Contact Information

This EAP has been prepared for UC Davis Physics Department. The plan complies with California Code of Regulations, Title 8, Section 3220.

Physics Department

(Office Name)

Physics Building, Room 174, UC Davis Campus

(Office Location)

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(Phone)

(530) 752-4217

(FAX)

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(Department Chair)

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(Phone)

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David E. Barnes

(Department Safety Coordinator)

(530) 754-1505

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Peter Klavins

(Alternate Safety Contact)

(530) 304-3881

(Phone)

pklavins@ucdavis.edu

(email)

This Emergency Action & Evacuation Plan will be reviewed annually in:

March

Emergency Protocols-Alert and Notification

Reporting Emergencies:

In the event of an emergency, UC Davis employees should contact UC Davis Dispatch by dialing **9-1-1** from a land line or cell phone.

You should call 9-1-1:

- In the event of a medical emergency
- To report all fire incidents, *even if the fire is extinguished*
- To report criminal or suspicious behavior
- If you are in doubt about the seriousness of a situation, such as any possible situation that you believe may be serious and that may result in injury, death, loss of property, apprehension of a suspected criminal or prevention of a crime that is about to occur.

You should immediately alert the UC Davis Fire Department of any extinguisher usage.

Provide the following information to UC Davis Dispatch upon calling

- Who you are
- Whether you are in a safe location
- What the nature of the emergency is
- Where it is located
- When it happened
- How it happened

Alert and Notification of Employees:

If an emergency calls for an evacuation or employees to take action, there needs to be a system in place to notify them. Emergency alert and notification of employees should be multi-layered, as systems can fail. A variety of methods are available, though not all systems apply to every building on the UC Davis campus, including:

- Audible alarm
- Visual alarms/signals
- Verbal notification
- UC Davis WarnMe
- Via other electronic media

Examples of notification methods include: fire alarm system, PA system, phone tree, bullhorn, even just flashing the lights can be a way to let people know there is an emergency happening.

The methods of alert and notification of employees in this department are:

Primary Method: **Fire alarm system** (audible and visual)

Additional notifications: Verbal notification Email notification UC Davis Warnme

Emergency Protocols-Evacuation

Evacuation Procedures & Routes

Many incidents (e.g. building fire, police response) could require an evacuation of all or part of the campus. All employees must evacuate the building when notified to do so. The type of evacuation or protective measure may be specified as part of the notification. Please refer to Policy & Procedure [390-10](#) for more information on Campus Emergency Policy.

Evacuation Types

- **Evacuation:** Evacuation is total building or partial building evacuation due to conditions making it no longer safe to remain inside a building or a specific area in a building. This level of evacuation requires occupants to move out and away from the building being evacuated.
- **Controlled Evacuation:** Controlled evacuation is total building or partial building evacuation due to safety conditions or an armed intruder making it no longer safe to remain inside a building or specific area in a building. This level of evacuation requires occupants to move out and away from the building **once notified**.
- **Shelter-in-Place:** Shelter-in-place means selecting a small interior room, with no or few windows, and taking refuge there; it does not mean sealing off your entire office. Shelter-in-place is used in emergency situations where hazardous materials have been released into the atmosphere or in emergencies where a situation presents potentially hazardous conditions outside of your building, such as nearby wild animals, civil unrest or violent demonstrations.
- **Lock Down:** Lockdown is the temporary sheltering technique utilized to limit exposure to an “armed intruder” or similar incident. When alerted, occupants of a building within the area of concern will lock all doors and windows, not allowing entry or exit to anyone until the all clear has been sounded. If you are in a ground floor office or common area, take precautions and move away from glass windows or doors and seek shelter in a locked room of office.

Prior to Exiting

After being notified to evacuate, stop all work activities and evacuate immediately. Securely close departmental and office doors behind you. You may choose to lock your doors to prevent property theft (the UC Davis Fire Department has keys to campus buildings and rooms if access is necessary). Remember that you may not be allowed back into the building for an extended time.

Evacuation Routes/Exiting the Building

During an emergency evacuation, use the nearest door or stairway if available. Each employee needs to be aware of at least two exit routes in their main building in the event one is compromised.

All campus buildings over one story high must have building evacuation signs posted on every floor. The signs must be posted at all stairway and elevator landings and immediately inside all public entrances to the buildings. More information on this is available in the FireNet, [Emergency Evacuation Signs](#).

Persons involved with developing the EAP need to address how to evacuate colleagues with special needs that are unable to evacuate on their own. More information and guidance on this topic can be found in the FireNet [Guidelines to Emergency Evacuation Procedures for Employees/Clients with Disabilities](#).

Assembly Area

After exiting the building, all employees, students, volunteers, and visitors should follow the evacuation route to the pre-arranged assembly area.

The Department Chair should assign an **Assembly Area Manager** to each evacuation location. List all buildings in which department members are assigned space and the corresponding assembly areas and manager.

<u>Physics Building</u>	<u>North side of Physics Building</u>	<u>Peter Klavins</u>
<u>Roessler Hall</u>	<u>East side of Roessler Hall</u>	<u>Brian Barnett</u>
<u>EPS Building</u>	<u>West side of EPS Building</u>	<u>Brian Barnett</u>

All employees should stay within your respective group at the Assembly Area. No one should leave the area until notified by the First Responders, Assembly Area Manager, or Responder Liaison.

Assigned Job Responsibilities

Assembly Area Manager Duties:

It is recommended that the senior employee or their designee acts as the Assembly Area Manager. The Assembly Area Manager should be responsible for taking roll call and therefore it is imperative that *prior* to an emergency the Department Safety Coordinator (DSC) and Assembly Area Manager work together to ensure an updated employee roll call sheet is available and accessible at the time of the emergency. Ideally, the person responsible for roll call will take a personnel list (use attached form or alternate) before leaving the building. The Assembly Area Manager should report any injuries in need of immediate care to First Responders. Any other minor injuries should be documented and reported through the proper chain of command to Bob Svoboda, Physics Department Chair

The Assembly Area Manager is responsible for sharing information as it becomes available to the evacuated persons. The Assembly Area Manager *should not leave* the assembly area; therefore it is suggested the Assembly Area Manager assign a liaison to the First Responders.

Responder Liaison Duties:

The Responder Liaison ensures important communication and information exchange between the First and Second Responders (e.g. Fire, Police, Facilities), and the Area Assembly Manager. The Responder Liaison (whom may be the DSC if present) is responsible for informing the on-scene Incident Commander of the status of department employees and visitors. Responder Liaisons should be prepared to provide the following information (if known)

- Nature of the emergency (e.g. fire)
- Location of the emergency
- Number of persons trapped
- Number of persons hurt
- Number of persons unaccounted for

If needed, the Responder Liaison should recruit volunteers to help direct and contain evacuees to the Assembly Area.

After a major incident, building occupants may not re-enter buildings until cleared by a campus official.

Procedures for Employees Who Remain to Operate Critical Operations

Safety is a top priority at UC Davis, and there are no critical operations worth risking one’s welfare to perform. If you believe your department has critical operations requiring an employee(s) to remain in the building during an evacuation (most departments will not), please contact [Steve Ball](#) to develop this section of the plan.

Rescue & Medical Duties

UC Davis relies on the UC Davis Fire Department and partnering agencies to provide rescue and medical duties.

Department Employees with specialized medical training.

NONE

Employee Name	Type of Training	Certification Date
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The individuals listed above should not practice outside their scope of training and are not expected or required to assist in any emergency or medical situation.

Responsibilities of the Department Safety Coordinator

David Barnes is responsible for implementing essential elements including planning, evaluating, and implementing the EAP. The following duties must be performed to maintain an effective EAP:

- Review and update the EAP annually or as needed.
- Update and submit the [Emergency Call List](#) to the [UC Davis Dispatch Center](#).
- Train employees on the location of emergency exits, fire extinguishers, manual pull stations, first aid kits, and AEDs if applicable.
- Ensure evacuation routes are posted and walkways remain clear at all times.
- Train employees annually on the EAP, including the “Additional Training” sections. Ensure all new hires are familiar with the procedures and a copy of the plan is made available. **Document all training.**
- Train the Assembly Area Managers, Responder Liaisons, and Alternate Department Safety Contact. Confirm they understand their duties as assigned in the plan.
- Exercise your department’s EAP annually. It is recommended you exercise your plan in the following order:
 1. **Conduct a Tabletop Exercise.** This will allow departments to use their training on the EAP, as well as to work through any inefficiencies *prior* to an emergency. Contact [Steve Ball](#) for training or assistance with your tabletop exercise.
 2. **Schedule a Building Evacuation.** The UC Davis Fire Department can perform a limited number of building evacuations each month. Advanced notice and coordination between the departments that share your building **before** the exercise is critical. The Fire Department **will not** conduct the exercise if coordination between department DSCs has not occurred. Please contact your [Department Safety Coordinator](#) to schedule an exercise. Evacuations will be scheduled on a first come first serve basis and times and dates will be decided based on the Fire Department’s availability. To schedule a fire drill, please contact the [UC Davis Fire Department](#).

This EAP has been reviewed and approved by the following individuals:

<i>(Department Chair)</i>	<i>(Date)</i>
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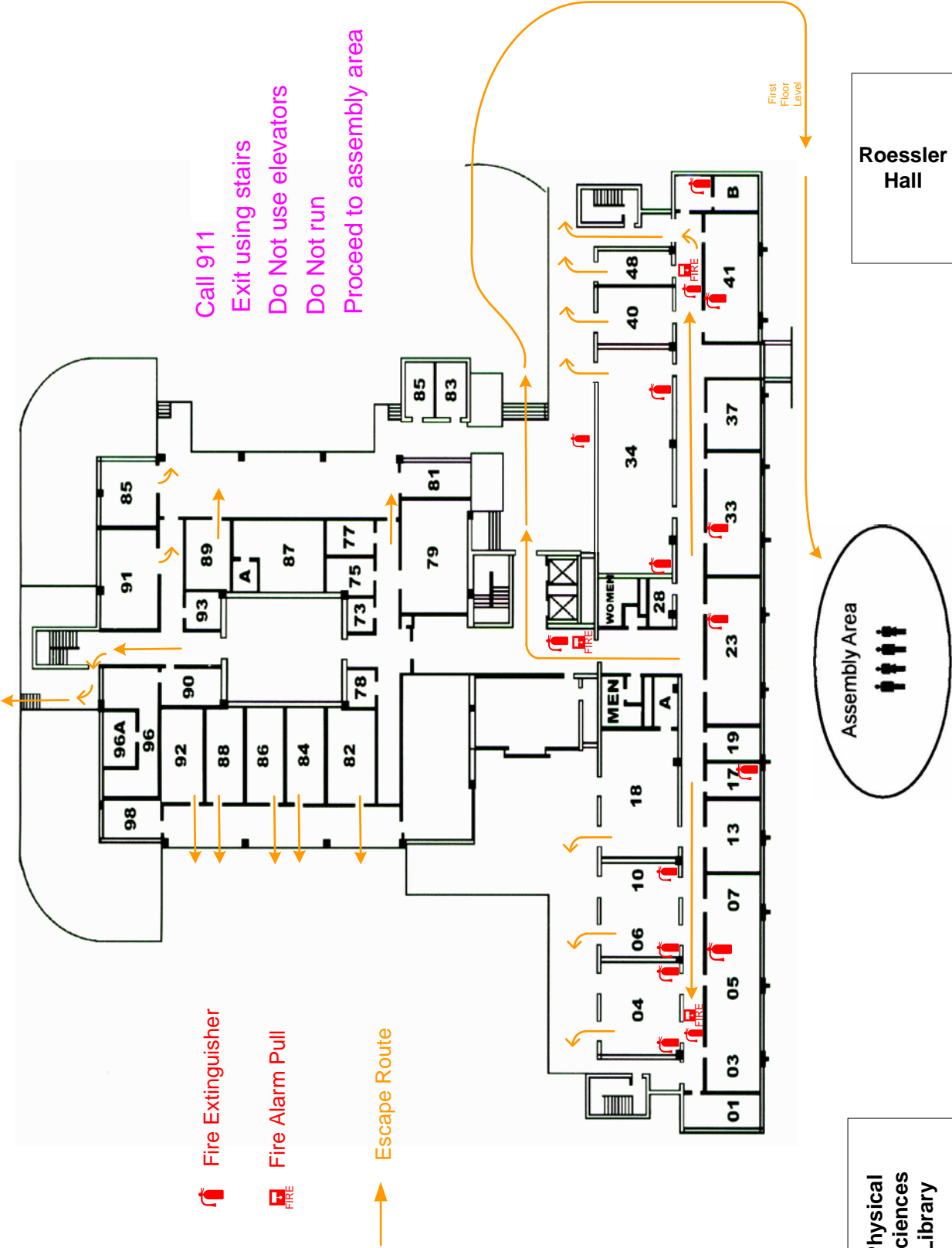
The Safety Contact and Alternate are aware of their responsibilities, as described in this plan:

<i>(Department Safety Coordinator)</i>	<i>(Date)</i>
<i>(Alternate Safety Contact)</i>	<i>(Date)</i>
<i>(Department CAO)</i>	<i>(Date)</i>

Additional Comments:

Emergency Evacuation Route Map

BASEMENT



Call 911
 Exit using stairs
 Do Not use elevators
 Do Not run
 Proceed to assembly area

Fire Extinguisher
 Fire Alarm Pull
 Escape Route

Physical Sciences Library

Assembly Area

Roessler Hall

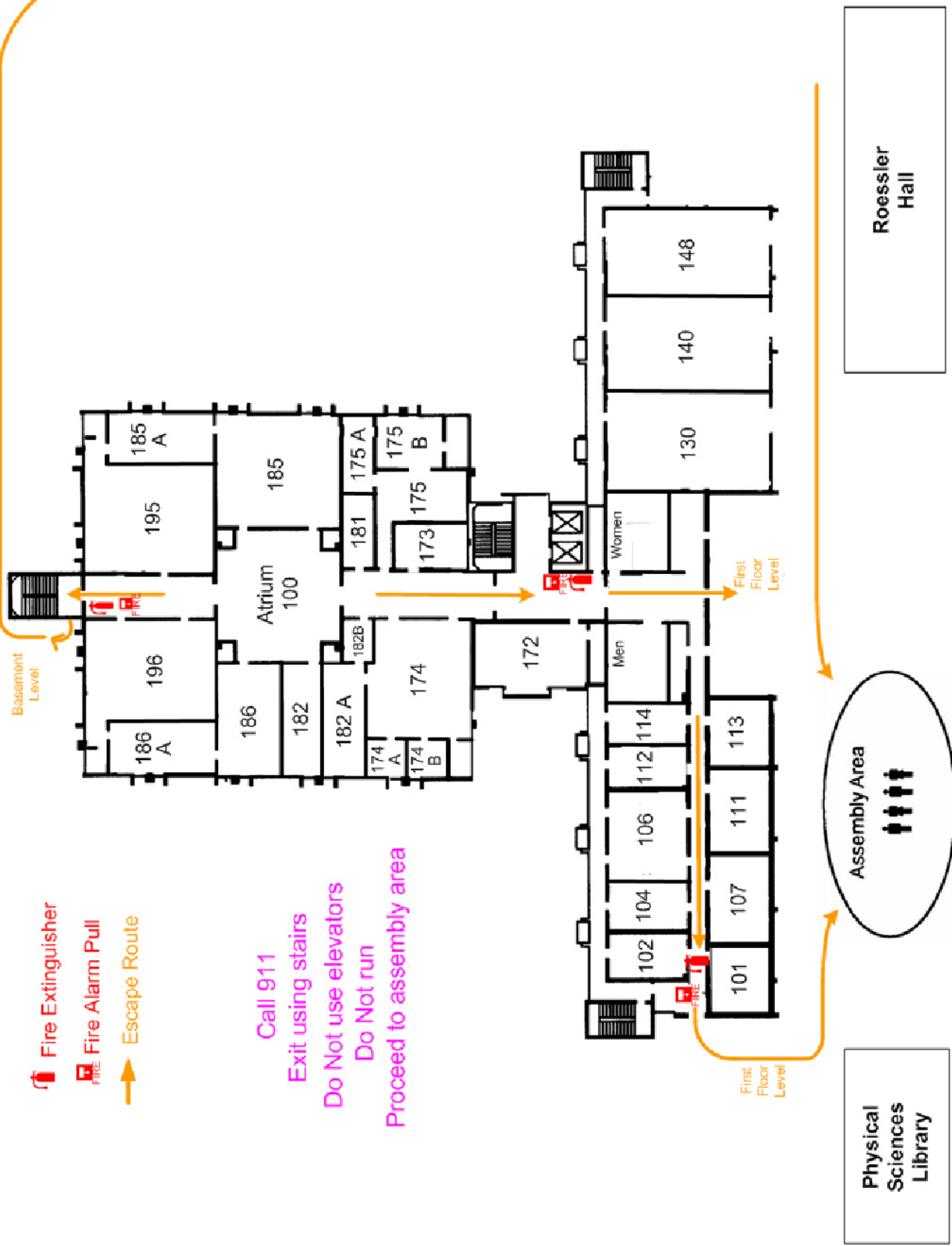
First Floor Level

Emergency Evacuation Route Map

FIRST FLOOR

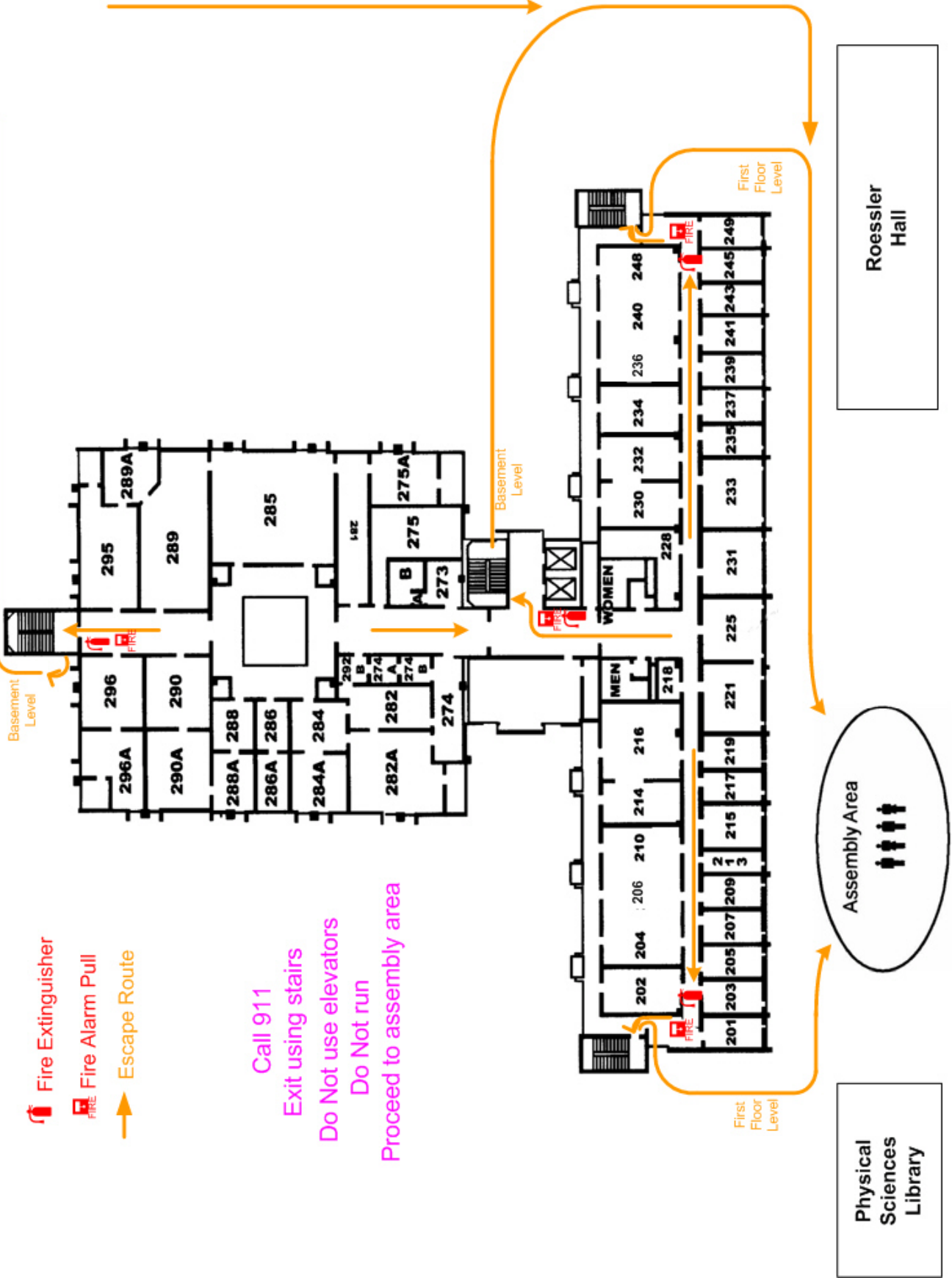
-  Fire Extinguisher
-  Fire Alarm Pull
-  Escape Route

Call 911
 Exit using stairs
 Do Not use elevators
 Do Not run
 Proceed to assembly area



SECOND FLOOR

Emergency Evacuation Route Map

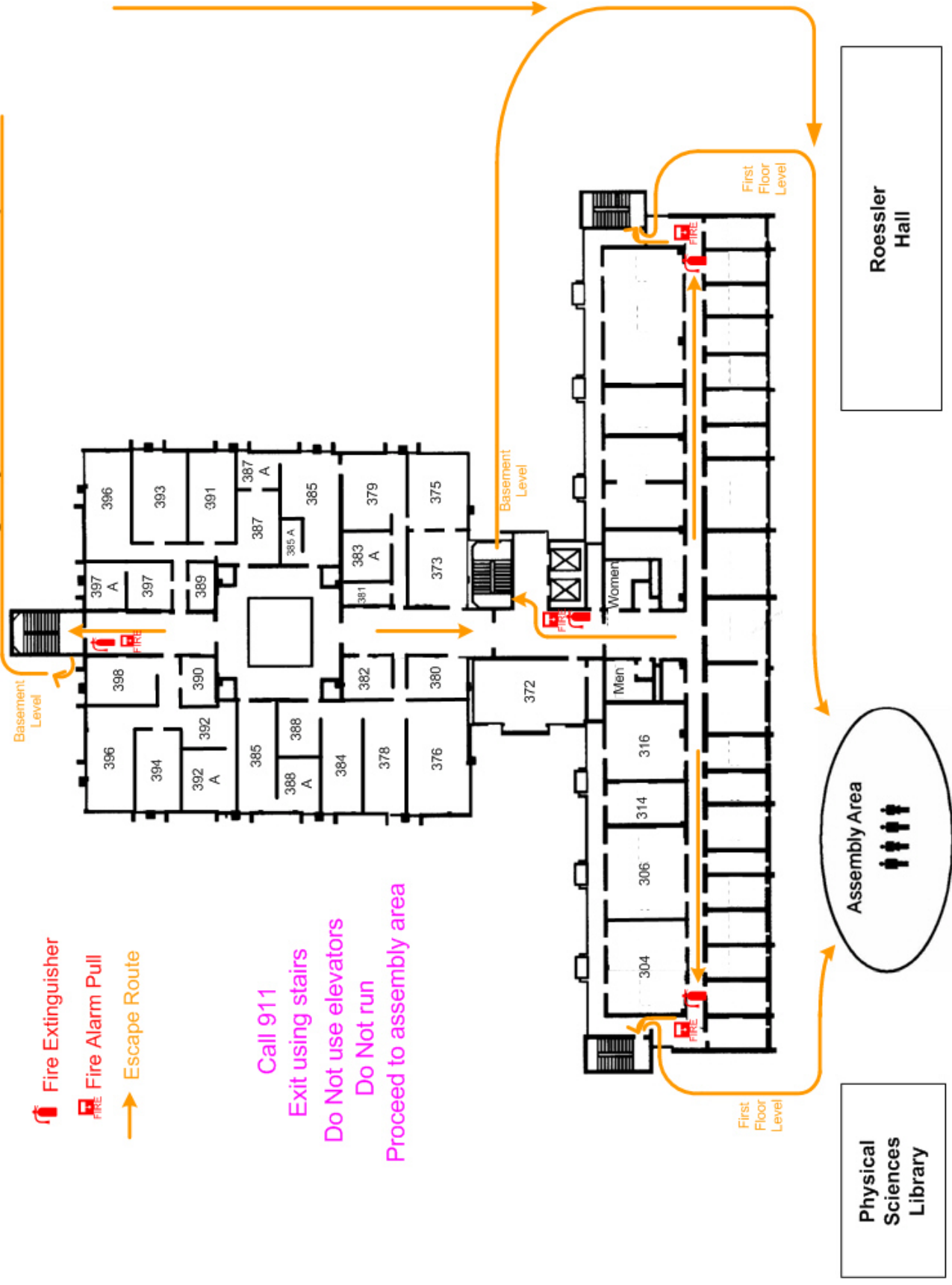


Emergency Evacuation Route Map

THIRD FLOOR

-  Fire Extinguisher
-  Fire Alarm Pull
-  Escape Route

Call 911
Exit using stairs
Do Not use elevators
Do Not run
Proceed to assembly area

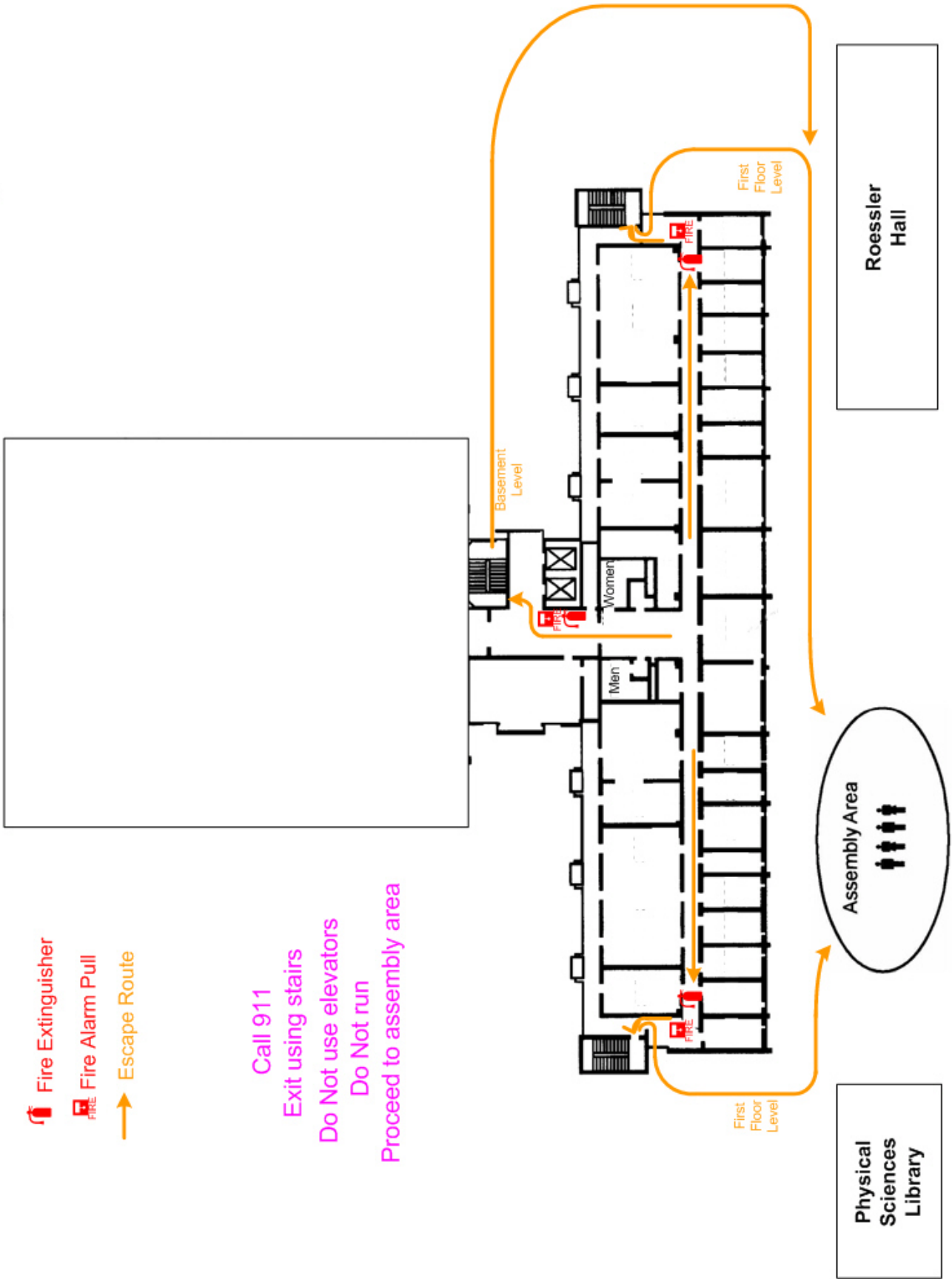


Emergency Evacuation Route Map

FOURTH FLOOR

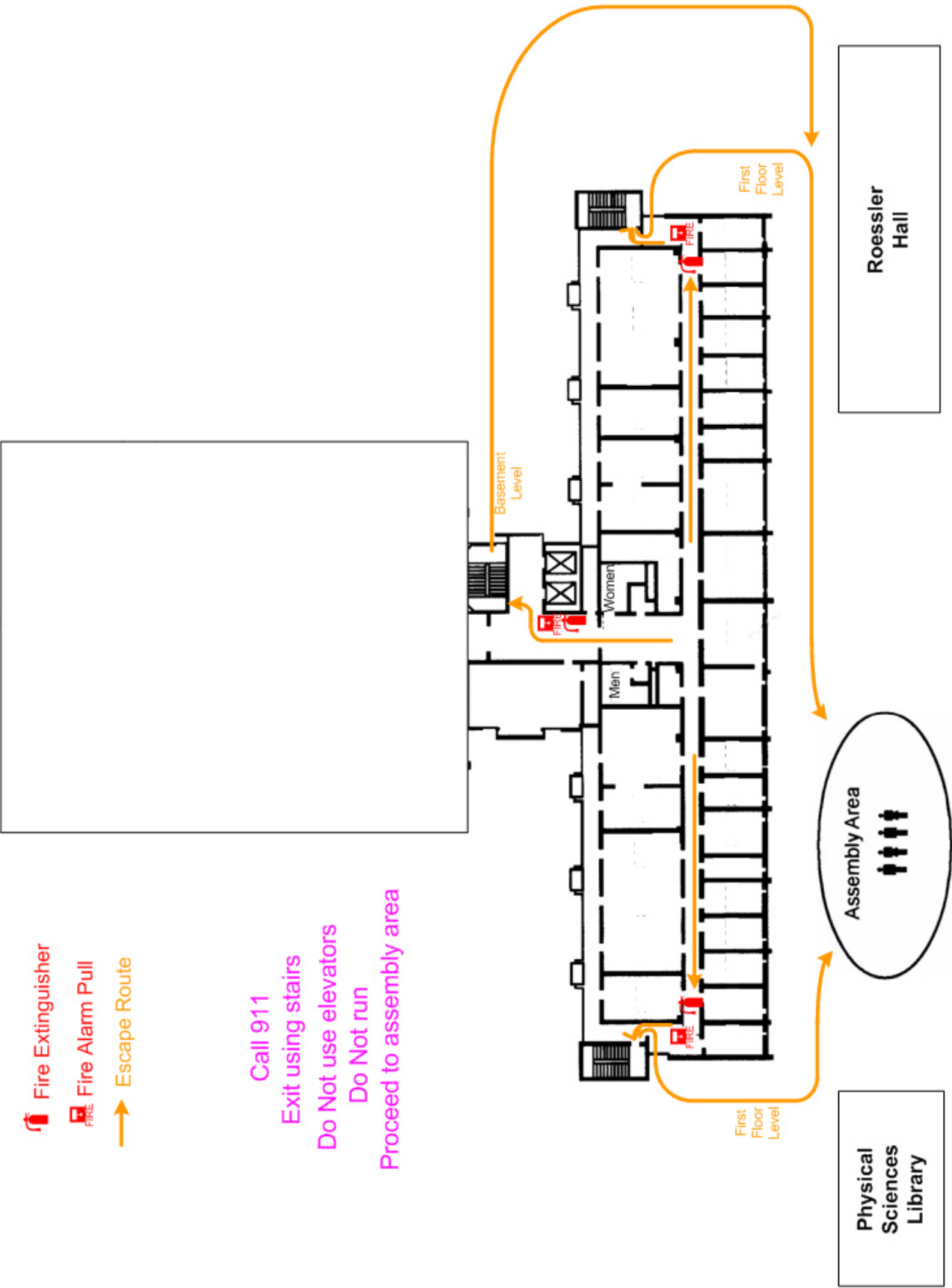
-  Fire Extinguisher
-  Fire Alarm Pull
-  Escape Route

Call 911
Exit using stairs
Do Not use elevators
Do Not run
Proceed to assembly area

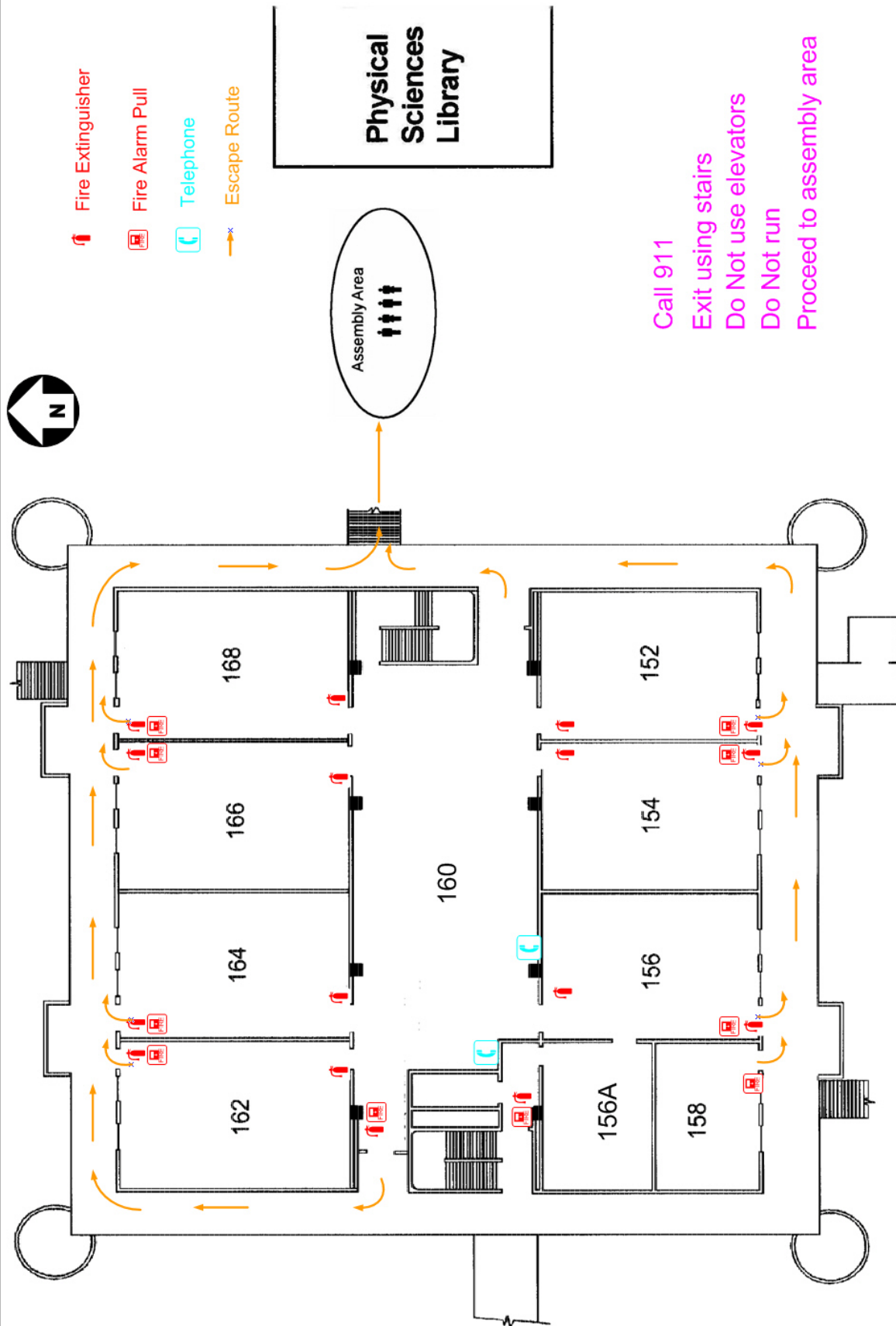


FIFTH FLOOR Emergency Evacuation Route Map

FIFTH FLOOR



ROESSLER HALL



Call 911
 Exit using stairs
 Do Not use elevators
 Do Not run
 Proceed to assembly area

Roll Call Sheet

Physics Department

Office Location: Room 174, Physics Building

The Physics Department Safety Coordinator and Alternate Safety Contacts are responsible for maintaining a current list of personnel in the department.

An updated directory is maintained on the Physics Department website at

<http://physics.ucdavis.edu/people/everyone> , Assembly Area Managers and DSCs should have a copy to complete roll call during an emergency.

Additional Training:

Communications for Campus-Wide Emergencies

In the event of a major emergency, there are multiple ways to distribute life-saving and other important information. Familiarize the individuals in your department with these communication methods:

- **Check the University homepage www.ucdavis.edu**
UC Davis posts information about emergencies and other major news on its home page at www.ucdavis.edu. News can also be found at www.news.ucdavis.edu or <http://www.ucdavis.edu/emergency/emergency-services.html>
- **Call the Emergency Status Line (530) 752-4000**
The Emergency Status Line provides a recorded telephone message about the status of the Davis campus in an emergency. It indicates the emergency's nature and provides brief instructions.
- **Listen to the News Media**
UC Davis works with the news media to share information about emergencies and provide direction to the university community.

AM radio KFBK 1530 initiates public Emergency Alert System messages for several area counties. The station offers live audio streaming at www.kfbk.com
- **Become a "Fan" on Facebook**
UC Davis sends emergency bulletins to its "fans" on Facebook. If you aren't already a member, join Facebook at www.facebook.com. Then you will be able to visit UC Davis' Facebook site and click through to become a fan.
- **Sign up for Personal Alerts through the WarnMe system**
This emergency notification service provides students and employees with timely information and instructions during emergencies. UC Davis WarnMe sends alerts by e-mail, telephone, cell phone and text messaging. To deliver messages, WarnMe uses employees' work contact information from the university's online directory, students' e-mail addresses and personal contact information you voluntarily provide. Register and update your information at <http://warnme.ucdavis.edu>.

It is important to understand that you will not be notified of every incident that UC Davis Police or Fire responds to. In a campus-wide emergency, communications may be sent out one or all of the ways listed above and will vary depending on the incident.

Additional Training:

Sheltering-in-Place

One of the instructions you may be given in an emergency is to shelter-in-place. Shelter-in-place is used mainly for hazardous materials incidents and sustained police action, or when it is more dangerous to venture outside than to remain indoors in your current location. This means you should remain indoors until authorities tell you it is safe or you are told to evacuate. The following are guidelines that should be shared with your department's employees.

General Guidelines on how to Shelter-in-Place

- Select a small, interior room, with no or few windows, ideally with a hard-wired telephone (cellular telephone equipment may be overwhelmed or damaged during an emergency).
- Close and lock all windows and exterior doors.
- Review your EAP, inspect your workplace emergency kits if you have them.
- Do not exit the building until instructed to do so by campus officials.
- Check for status updates using the resources detailed in the section, "Communications for Campus Wide Emergencies."

Specific for a Hazardous Material Incident

- Turn off all fans, heating and air conditioning systems
- If instructed, use duct tape and plastic sheeting (heavier than food wrap) to seal all cracks around the door and any vents into the room
- If you are in your car, close windows and turn off vents and air conditioning

In an incident requiring you to shelter-in-place, it may take several hours before it is safe to leave your building. It is important to have food and water in your office or work location to last a minimum of 24 hours, and preferably up to 72 hours. Having a workplace preparedness kit is easy to make and a good idea.

Additional Training:

Community Survival Strategies for an Active Shooter

The UC Davis Police Department hosts workshops to the members of the campus community presenting strategies to increase the likelihood of surviving an active shooter. The workshop covers five steps for increasing your chances of surviving an active shooter and also provides demonstrations for attacking the attacker.

Presentations run approximately 90 minutes including a question/answer session, but it is recommended departments allow 2 hours release time for employees, as there is a hands-on component at the end of the presentation. Community presentations are available on the Davis and Sacramento campuses throughout the year. To schedule a workshop please contact:

Chief of Police

Matthew Carmichael

(530) 752-3113

mecarmichael@ucdavis.edu

In the training, *Community Survival Strategies for an Active Shooter* participants should be aware that the presentation deals with a very sensitive subject and uses actual audio tape from the 9-1-1 call at the Columbine shootings. Participants will also have the opportunity to see different types of firearms and should be prepared to hear what an actual gunshot sounds like.

Training Sign-in Sheet

****All Employees need to have documented training ****

Training Topic: Emergency Action & Evacuation Plan

Date: _____

Instructor/Trainer: _____

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