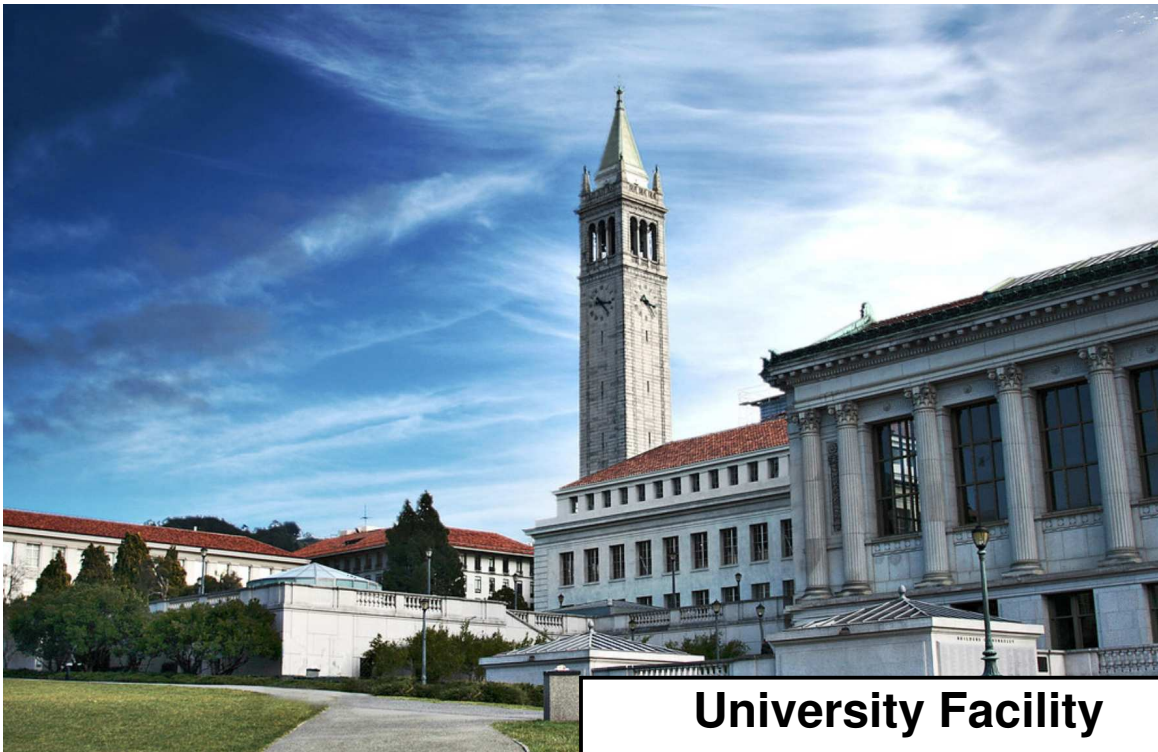


# Site Accessibility Evaluation

## Americans with Disabilities Act And Title 24 And Part 2 - California Building Code



### University Facility Evaluation

**UC Berkeley  
Berkeley, CA 00000**

**Accessibility Evaluation**

***Inspection Date: 06/24/2019***

***Inspector: N/A***

**Prepared By**



**(916) 473 - 9444**

**<https://www.bluedag.com/>**

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## Path of travel from the public way

### Finding: 1

The bottom landing does not provide the minimum area required.

The bottom landings shall extend 72 inches minimum in the direction of ramp run and shall be at least as wide as the widest ramp run leading to the landing.

#### Citation:

2019 CBC 11B Section: 11B-405.7.2,  
11B-405.7.3.1

#### As Built:

60 inches

#### Budgeting Range:

\$1,500 - \$6,500.00

2016 CBC 11B Section: 11B-405.7.2,  
11B-405.7.3.1

2016 CBC 11B (7/1/18) Section: 11B-405.7.2,  
11B-405.7.3.1

#### Recommendation:

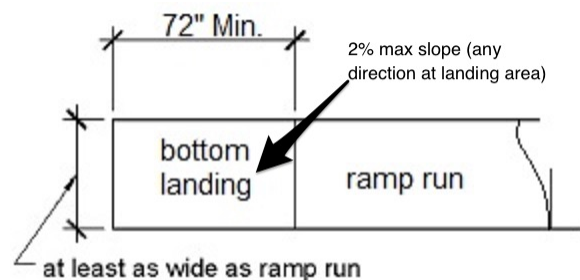
Modify landing at least meet minimum requirements for length.

#### Department:

Building

#### Notes:

N/A



## Parking lot

### Finding: 2

The cross slope (narrow dimension) of the parking stall exceeds 2%.

The running and cross slope in an accessible parking stall and the access aisle must not exceed 2%.

#### Citation:

2019 CBC 11B Section: 11B-502.4

2016 CBC 11B Section: 11B-502.4

2016 CBC 11B (7/1/18) Section: 11B-502.4

2010 ADAS Section: 502.4

#### As Built:

2.4% to 3.4%

#### Budgeting Range:

\$1,500 - \$6,500.00

#### Recommendation:

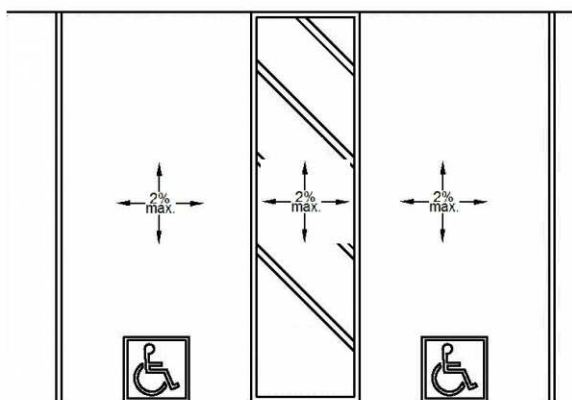
N/A - Refer to Finding

#### Department:

N/A

#### Notes:

N/A



## Finding #2 Additional Finding Photos





## Path of travel from accessible parking

### Finding: 3

The walkway contains abrupt vertical edges and/or variations over a 1/4 inch.

1/4 inch is the maximum vertical rise. Changes in level between 1/4 inch and 1/2 inch must be beveled at 1:2 or less.

Changes in level greater than 1/2 inch must be by way of a ramp.

| Citation:   | As Built:    | Budgeting Range:     |
|---|--------------|----------------------|
| 2019 CBC 11B Section: 11B-303.2, 11B-303.3          | 1 1/4 inches | \$1,500 - \$4,500.00 |
| 2016 CBC 11B Section: 11B-303.2, 11B-303.3          |              |                      |
| 2016 CBC 11B (7/1/18) Section: 11B-303.2, 11B-303.3 |              |                      |
| 2010 ADAS Section: 303.3, 303.2                     |              |                      |

### Recommendation:

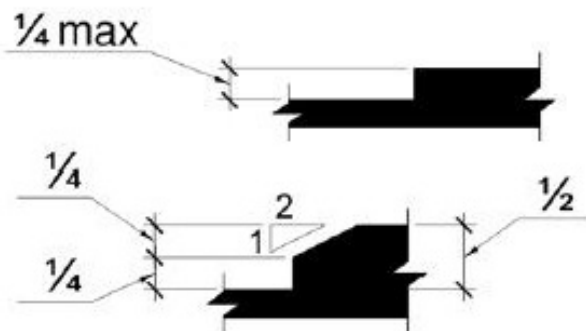
N/A - Refer to Finding

### Department:

N/A

### Notes:

N/A



### Finding #3 Additional Finding Photos



## Main entrance

### Finding: 4

The door exceeds the maximum force to open.

Doors shall have a maximum opening force of 5 pounds.

These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position. Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.

#### Citation:

2019 CBC 11B Section: 11B-404.2.9

2016 CBC 11B Section: 11B-404.2.9

2016 CBC 11B (7/1/18) Section: 11B-404.2.9

#### As Built:

10 lbs / 3.5 second  
backcheck

#### Budgeting Range:

\$25 - \$250.00

#### Recommendation:

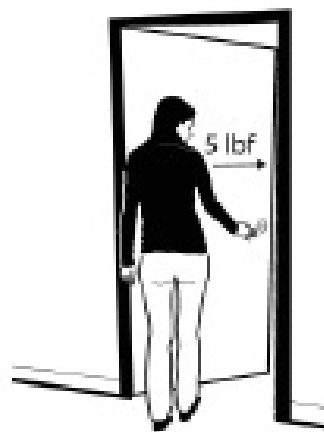
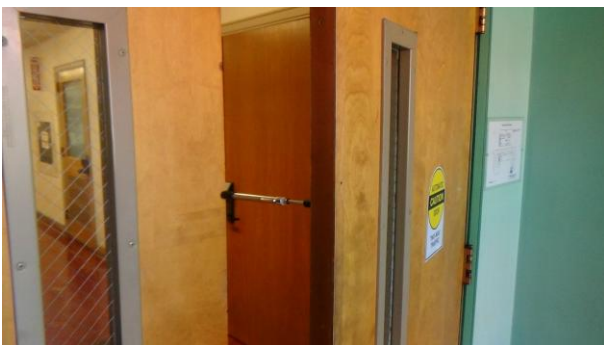
Adjust closer to require no more than 5 pounds of force to open.

#### Department:

N/A

#### Notes:

N/A





## Lobby / Common Area

### Finding: 5

The landing at the entrance door exceeds 2% slope.

Exterior doors must have a landing on the pull side that is a minimum of 60 inches in depth perpendicular to the door in a close position by a minimum width dimension of 24 inches plus the door width. The additional 24 inches must extend past the door on the latch side. The entire landing must be free of obstructions and must be flat (2% max. slope is considered flat in any direction).

**Citation:**

2019 CBC 11B Section: 11B-404.2.4.4

2016 CBC 11B Section: 11B-404.2.4.4

2016 CBC 11B (7/1/18) Section: 11B-404.2.4.4

**As Built:**

2.4% to 3.3%

**Budgeting Range:**

\$2,500 - \$6,500.00

**Recommendation:**

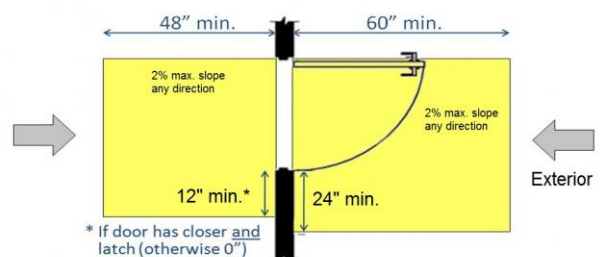
N/A - Refer to Finding

**Department:**

Building

**Notes:**

N/A



## Finding #5 Additional Finding Photos



## Lobby / Common Area

### Finding: 6

The total number of drinking fountains are not equally divided between those that are accessible to wheelchair users and those that are available to standing persons.

Where more than two are provided, 50 percent of the total number of drinking fountains provided shall be accessible to wheelchair users and 50 percent available to standing persons.

#### Citation:

2019 CBC 11B Section: 11B-211.3

2016 CBC 11B Section: 11B-211.3

2016 CBC 11B (7/1/18) Section: 11B-211.3

2010 ADAS Section: 211.3

#### As Built:

Missing wheelchair accessible drinking fountain

#### Budgeting Range:

\$2,500 - \$6,500.00

#### Recommendation:

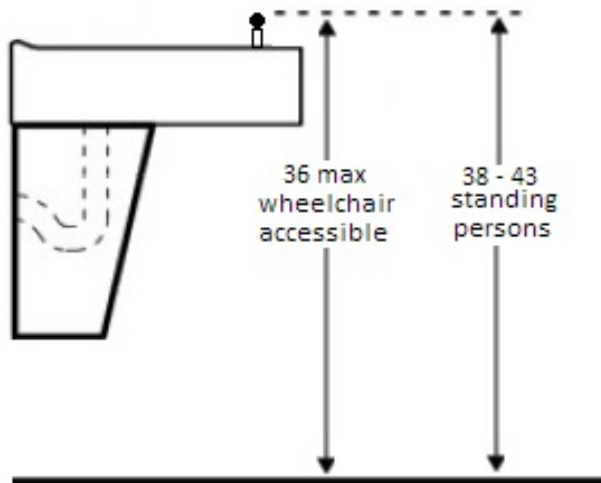
N/A - Refer to Finding

#### Department:

Building

#### Notes:

N/A



## Women's Restroom

### Finding: 7

The water and drain pipes under the lavatory are not adequately insulated.

Water supply and drain pipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. There shall be no sharp or abrasive surfaces under lavatories and sinks.

**Citation:**

2019 CBC 11B Section: 11B-606.5

2016 CBC 11B Section: 11B-606.5

2016 CBC 11B (7/1/18) Section: 11B-606.5

2010 ADAS Section: 606.5

**As Built:**

Missing

**Budgeting Range:**

\$150 - \$1,500.00

**Recommendation:**

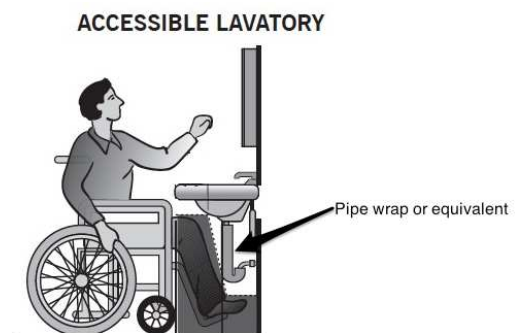
N/A - Refer to Finding

**Department:**

Building

**Notes:**

N/A



## Men's Restroom

### Finding: 8

The door exceeds the maximum force to open.

Doors shall have a maximum opening force of 5 pounds.

These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position. Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.

#### Citation:

2019 CBC 11B Section: 11B-404.2.9

2016 CBC 11B Section: 11B-404.2.9

2016 CBC 11B (7/1/18) Section: 11B-404.2.9

#### As Built:

12 lbs / 3.2 seconds

#### Budgeting Range:

\$25 - \$250.00

#### Recommendation:

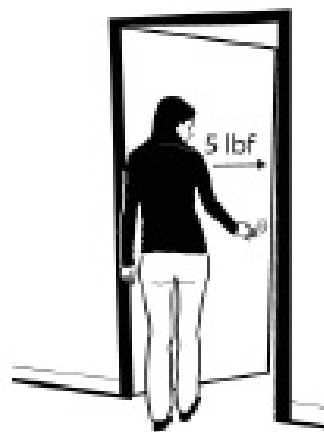
Adjust closer to require no more than 5 pounds of force to open.

#### Department:

Building

#### Notes:

Corrected by maintenance on 6/29/2019





## Class Room 1A

### Finding: 9

Based on the number of seats provided in this area 55, there should be a minimum of 4 wheelchair seating spaces.

Wheelchair spaces shall be provided in assembly areas with fixed seating.

#### Citation:

2019 CBC 11B Section: 11B-221.2,  
11B-221.2.1.1

2016 CBC 11B Section: 11B-221.2,  
11B-221.2.1.1

2016 CBC 11B (7/1/18) Section: 11B-221.2,  
11B-221.2.1.1

2010 ADAS Section: 221.2, 221.2.1.1

#### As Built:

None provided

#### Budgeting Range:

\$25 - \$1,500.00

#### Recommendation:

N/A - Refer to Finding

#### Department:

N/A

#### Notes:

N/A



| Number of Seats | Minimum Number of Required Wheelchair Spaces   |
|-----------------|--|
| 4 to 25         | 1  |
| 26 to 50        | 2  |
| 51 to 150       | 4  |
| 151 to 300      | 5  |
| 301 to 500      | 6  |
| 501 to 5000     | 6, plus 1 for each $\frac{100}{(150)}$ or fraction thereof, between 501 through 5000 |
| 5001 and over   | $\frac{46}{5000}$ , plus 1 for each 200, or fraction thereof, over 5000              |

## Lab 2B

### Finding: 10

There are no accessible work surfaces.

At least 5% of each type of work surface must be accessible and must be dispersed throughout the space or facility containing work surfaces. The accessible surface must be on an accessible route (36 inches minimum) and have knee and toe spaces at least 27 inches high, 30 inches wide and 19 inches deep. The tops of work surfaces shall be 28 inches to 34 inches from the floor or ground.

#### Citation:

2019 CBC 11B Section: 11B-226.1

2016 CBC 11B Section: 11B-226.1

2016 CBC 11B (7/1/18) Section: 11B-226.1

2010 ADAS Section: 226.1

#### As Built:

None provided

#### Budgeting Range:

\$150 - \$1,500.00

#### Recommendation:

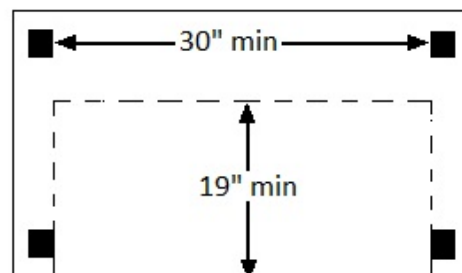
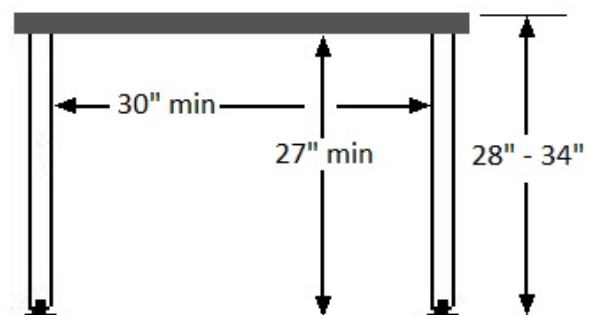
N/A - Refer to Finding

#### Department:

Building

#### Notes:

N/A



## Student Resources

### Finding: 11

Compliant knee clearance is not provided at the accessible table.

When seating for persons in wheelchairs is provided at fixed tables or counters, knee spaces at least 27 inches high, 30 inches wide and 19 inches deep shall be provided.

| Citation:                                  | As Built: | Budgeting Range:   |
|--|-----------|--------------------|
| 2019 CBC 11B Section: 11B-306.3.3          | 25 inches | \$150 - \$1,500.00 |
| 2016 CBC 11B Section: 11B-306.3.3          |           |                    |
| 2016 CBC 11B (7/1/18) Section: 11B-306.3.3 |           |                    |
| 2010 ADAS Section: 306.3.3                 |           |                    |

### Recommendation:

Replace or modify the work station table to allow the at least the minimum clearance required.

### Department:

Building

### Notes:

Maintenance raised the desk 2 1/2 inches. Knee clearance is now at 27 1/2 inches.

