

Site Accessibility Evaluation

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



**Street A @ Street B
PU19-0044**

**Street A @ Street B
Emeryville, CA 94608**

Public Right of Way

Inspection Date: 06/24/2019

Inspector: N/A

Prepared By



(916) 473 - 9444

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

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Street A @ Street B - Southwest Corner - Ramp 1

Lat: 37.8361521000, Long: -122.2926937000

Wheel: N/A, Direction: SW

Finding: 1

The detectable warning is missing at the curb ramp.

Detectable warnings at curb ramps shall extend the full width of the ramp run less 2 inches maximum on each side, excluding any flared sides and 36 inches in the direction of travel.

Citation:

2019 CBC 11B Section: 11B-247.1.2.2,
11B-705.1.2.2

2016 CBC 11B Section: 11B-247.1.2.2,
11B-705.1.2.2

2016 CBC 11B (7/1/18) Section: 11B-247.1.2.2,
11B-705.1.2.2

As Built:

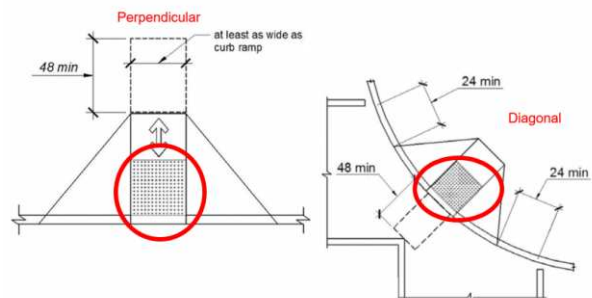
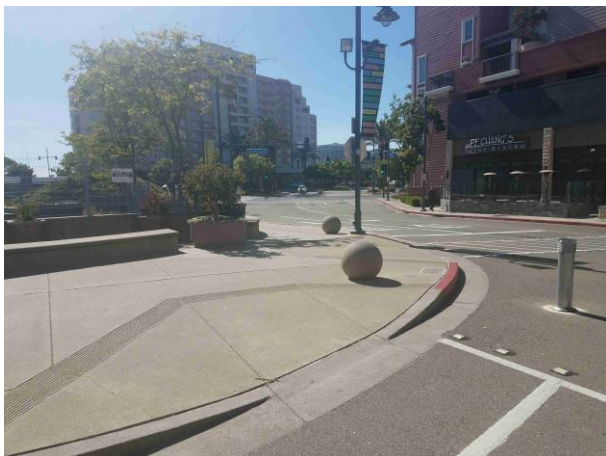
Missing

Conceptual Cost/
Budgeting Range:

\$1,500 - \$4,500.00

Recommendation:

N/A - Refer to Finding



Street A @ Street B - Southwest Corner - Ramp 2

Lat: 37.8361521000, Long: -122.2926937000

Wheel: N/A, Direction: SE

Finding: 2

The curb ramp slope exceeds the maximum running slope (Parallel to the direction of travel) allowable of 8.33%.

Curb ramps should have the least possible slope but in no case more than 8.3% (1:12).

Citation:

2019 CBC 11B Section: 11B-406.3.1

2016 CBC 11B Section: 11B-406.3.1

2016 CBC 11B (7/1/18) Section: 11B-406.3.1

As Built:

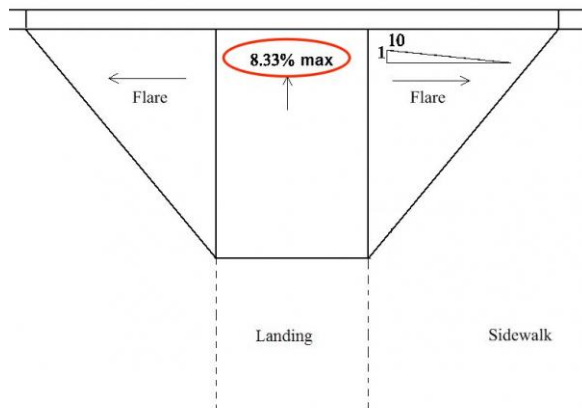
8.5% to 12.3%

Conceptual Cost/
Budgeting Range:

\$2,500 - \$6,500.00

Recommendation:

N/A - Refer to Finding



Street A @ Street B - Southeast Corner - Ramp 2

Lat: 37.8361521000, Long: -122.2926937000

Finding: 3

The grade break at the bottom of the ramp is not perpendicular.

Grade breaks at the top and bottom of curb ramp runs shall be perpendicular to the direction of the ramp run. Grade breaks shall not be permitted on the surface of ramp runs and turning spaces. Surface slopes that meet at grade breaks shall be flush.

Citation:

2019 CBC 11B Section: 11B-406.5.6

2016 CBC 11B Section: 11B-406.5.6

2016 CBC 11B (7/1/18) Section: 11B-406.5.6

As Built:

At an angle

Conceptual Cost/
Budgeting Range:

\$1,500 - \$4,500.00

Recommendation:

N/A - Refer to Finding



Street A @ Street B - Southeast Corner - Ramp 2

Lat: 37.8361521000, Long: -122.2926937000

Finding: 4

The detectable warning is missing at the curb ramp.

Detectable warnings at curb ramps shall extend the full width of the ramp run less 2 inches maximum on each side, excluding any flared sides and 36 inches in the direction of travel.

Citation:

2019 CBC 11B Section: 11B-247.1.2.2,
11B-705.1.2.2

2016 CBC 11B Section: 11B-247.1.2.2,
11B-705.1.2.2

2016 CBC 11B (7/1/18) Section: 11B-247.1.2.2,
11B-705.1.2.2

As Built:

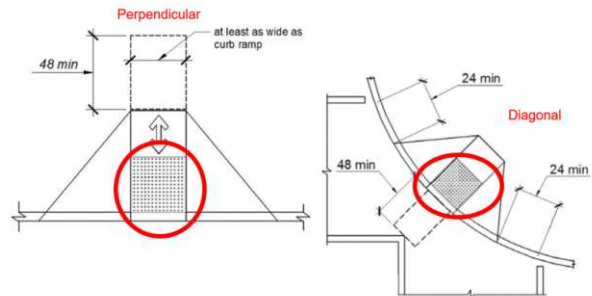
Missing

Conceptual Cost/
Budgeting Range:

\$1,500 - \$4,500.00

Recommendation:

N/A - Refer to Finding



Path of Travel from Street A to Street C - Northbound

Lat: 37.8361521000, Long: -122.2926937000

Wheel: 200, Direction: N

Finding: 5

The accessible path of travel contains cross slopes greater than 2%.

Surface cross slopes shall not exceed one unit vertical in 48 units horizontal (2-percent slope). When the slope in the direction of travel of any walk exceeds 1 unit vertical in 20 units horizontal (5-percent slope), it must be constructed as ramp.

Citation:

2019 CBC 11B Section: 11B-403.3

2016 CBC 11B Section: 11B-403.3

2016 CBC 11B (7/1/18) Section: 11B-403.3

As Built:

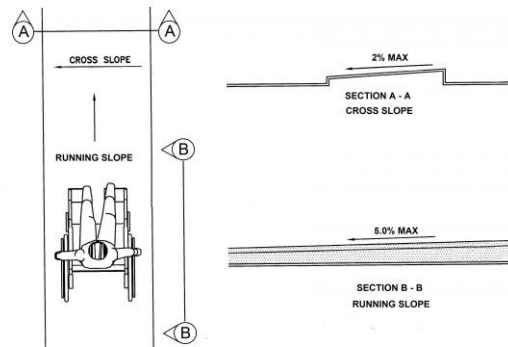
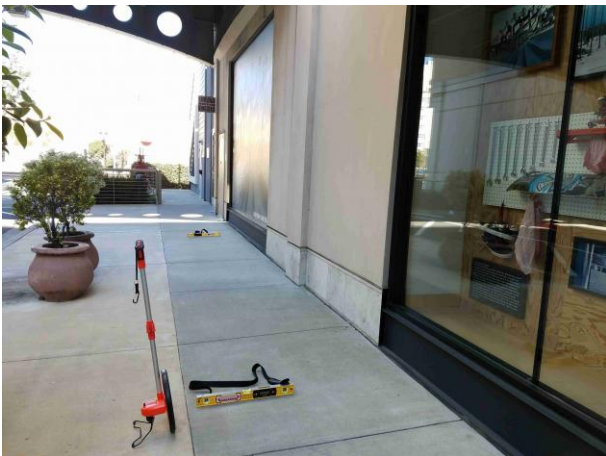
3.5% to 4.5% (5 panels)

**Conceptual Cost/
Budgeting Range:**

\$2,500 - \$9,500.00

Recommendation:

N/A - Refer to Finding



Path of Travel from Street A to Street C - Northbound

Lat: 37.8361521000, Long: -122.2926937000

Wheel: 350, Direction: N

Finding: 6

The concrete expansion joint is spaced greater than 1/2 inch.

Openings in floor or ground surfaces shall not allow passage of a sphere more than 1/2 inch diameter. Elongated openings shall be placed so that the long dimension is perpendicular to the dominant direction of travel.

Citation:

2016 CBC 11B Section: 11B-302.3

2016 CBC 11B (7/1/18) Section: 11B-302.3

As Built:

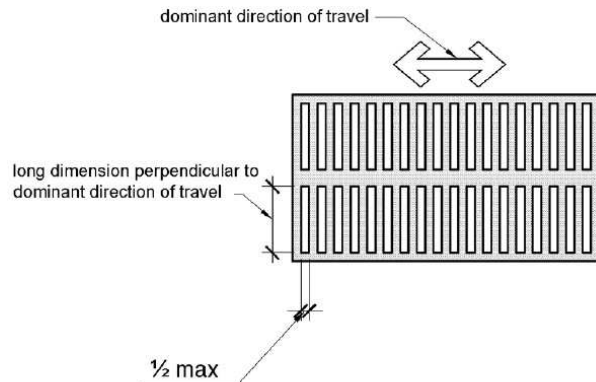
1/2 inch to 3/4 inch
(Typ)

Conceptual Cost/
Budgeting Range:

\$1,500 - \$4,500.00

Recommendation:

N/A - Refer to Finding



Finding #6 Additional Finding Photos



Path of Travel from Street A to Street C - Southbound

Lat: 37.8361521000, Long: -122.2926937000

Wheel: 125, Direction: S

Finding: 7

The tree branches extend down too close to the route of travel.

Any obstruction that overhangs a route of travel must be a minimum of 80 inches above the walking surface as measured from the bottom of the obstruction.

Citation:

2019 CBC 11B Section: 11B-307.4

2016 CBC 11B Section: 11B-307.4

2016 CBC 11B (7/1/18) Section: 11B-307.4

As Built:

70 inches (obstructed - maintenance issue)

Conceptual Cost/
Budgeting Range:

\$1,500 - \$4,500.00

Recommendation:

Trim back the tree branches to ensure 80 inches minimum of vertical clearance.

