ACCESSIBILITY DETAILS FOR RAMPS, STAIRS & ELEVATORS

FIGURE 11B-405.7 RAMP LANDING

RAMP WITH INTERMEDIATE SWITCH BACK PLATFORM

RAMP WITH TURNING PLATFORM

RAMP LANDING AND DOORWAY

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### RAMPS

**11B-505.10.1 TOP AND BOTTOM EXTENSION AT RAMPS.**
Ramp handrails shall extend horizontally above the landing for 12 inches beyond the top and bottom of ramp runs. Extensions shall return to a wall, guard, or landing surface, or shall be continuous to the handrail of an adjacent ramp run.

**FIGURE 11B-505.10.1**
TOP AND BOTTOM HANDRAIL EXTENSION AT RAMPS

**FIGURE 11B-405.9.2**
CURB OR BARRIER EDGE PROTECTION

**RAMPS AND HANDRAILS**
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**STAIRWAYS**

11B-504 STAIRWAYS

*Exception:* Curved stairways with winder treads are permitted at stairs which are not part of a required means of egress.
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**STAIRS**

<table>
<thead>
<tr>
<th>Diagram</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1" alt="Diagram" /></td>
<td>RADIUS ½” MAX (12.7MM)</td>
</tr>
<tr>
<td><img src="image2" alt="Diagram" /></td>
<td>30° MAX</td>
</tr>
<tr>
<td><img src="image3" alt="Diagram" /></td>
<td>1-⅛” MAX (32 MM)</td>
</tr>
<tr>
<td><img src="image4" alt="Diagram" /></td>
<td>1-⅛” MAX (32 MM)</td>
</tr>
</tbody>
</table>

(a) RADIUS OF TREAD EDGE (TYPICAL FOR ALL PROFILES)  
(b) ANGLED RISER  
(c) CURVED NOSING  
(d) BEVELED NOSING

**FIGURE 11B-504.5**  
STAIR NOSINGS

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<table>
<thead>
<tr>
<th>Diagram</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td><img src="image5" alt="Diagram" /></td>
<td>HANDRAIL HEIGHT</td>
</tr>
<tr>
<td><img src="image6" alt="Diagram" /></td>
<td>HANDRAIL CLEARANCE</td>
</tr>
<tr>
<td><img src="image7" alt="Diagram" /></td>
<td>HORIZONTAL PROJECTIONS BELOW GRIPPING SURFACE</td>
</tr>
</tbody>
</table>

**FIGURE 11B-505.4**  
HANDRAIL HEIGHT

**FIGURE 11B-505.5**  
HANDRAIL CLEARANCE

**FIGURE 11B-505.6**  
HORIZONTAL PROJECTIONS BELOW GRIPPING SURFACE

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<table>
<thead>
<tr>
<th>Diagram</th>
<th>Description</th>
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<tbody>
<tr>
<td><img src="image8" alt="Diagram" /></td>
<td>HANDRAIL NON-CIRCULAR CROSS SECTION</td>
</tr>
<tr>
<td><img src="image9" alt="Diagram" /></td>
<td>TOP HANDRAIL EXTENSION AT STAIRS</td>
</tr>
<tr>
<td><img src="image10" alt="Diagram" /></td>
<td>BOTTOM HANDRAIL EXTENSION AT STAIRS</td>
</tr>
</tbody>
</table>

**FIGURE 11B-505.7.2**  
HANDRAIL NON-CIRCULAR CROSS SECTION

**FIGURE 11B-505.10.2**  
TOP HANDRAIL EXTENSION AT STAIRS

**FIGURE 11B-505.10.3**  
BOTTOM HANDRAIL EXTENSION AT STAIRS

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P/BC 2020-085

DEPARTMENT OF BUILDING AND SAFETY

THESE DIAGRAMS ILLUSTRATE THE SPECIFIC REQUIREMENTS OF THESE REGULATIONS AND ARE INTENDED ONLY AS AN AID FOR BUILDING DESIGN AND CONSTRUCTION.
ELEVATORS

As a covered entity under Title I of the Americans with Disabilities Act, the City of Los Angeles does not discriminate on the basis of disability and, upon request, will provide reasonable accommodation to ensure equal access to its programs, services and activities.

THESE DIAGRAMS ILLUSTRATE THE SPECIFIC REQUIREMENTS OF THESE REGULATIONS AND ARE INTENDED ONLY AS AN AID FOR BUILDING DESIGN AND CONSTRUCTION.

FIGURE 11B-407.4.1
ELEVATOR CAR DIMENSIONS

TABLE 11B-407.4.1
ELEVATOR CAR DIMENSIONS

<table>
<thead>
<tr>
<th>DOOR LOCATION</th>
<th>DOOR CLEAR WIDTH</th>
<th>INSIDE CAR, SIDE TO SIDE</th>
<th>INSIDE CAR, BACK WALL TO FRONT RETURN</th>
<th>INSIDE CAR, BACK WALL TO INSIDE FACE OF DOOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Centered</td>
<td>42 inches</td>
<td>80 inches</td>
<td>51 inches</td>
<td>54 inches</td>
</tr>
<tr>
<td>Side (off-centered)</td>
<td>36 inches</td>
<td>68 inches</td>
<td>51 inches</td>
<td>54 inches</td>
</tr>
<tr>
<td>Any</td>
<td>36 inches</td>
<td>54 inches</td>
<td>80 inches</td>
<td>80 inches</td>
</tr>
<tr>
<td>Any</td>
<td>36 inches</td>
<td>60 inches</td>
<td>60 inches</td>
<td>60 inches</td>
</tr>
</tbody>
</table>

1. A tolerance of minus 5/8 inch (15.9 mm) is permitted.
2. Other car configurations that provide a turning space complying with Section 11B-304 with the door closed shall be permitted.

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ELEVATORS

Door and signal timing. The minimum acceptable time from notification that a car is answering a call or notification of the car assigned at the means for the entry of destination information until the doors of that car start to close shall be calculated from the following equation:

\[ T = \frac{D}{1.5 \text{ ft/s}} \quad \text{or} \quad T = \frac{D}{455 \text{ mm/s}} = 5 \text{ seconds minimum} \]

where \( T \) equals the total time in seconds and \( D \) equals the distance (in feet or millimeters) from the point in the lobby or corridor 60 inches (1524 mm) directly in front of the farthest call button controlling that car to the centerline of its hoistway door. (11B-407.3.4)

Exceptions:
1. For cars with in-car lanterns, \( T \) shall be permitted to begin when the signal is visible from the point 60 inches (1524 mm) directly in front of the farthest hall call button and the audible signal is sounded.
2. Destination-oriented elevators shall not be required to comply with Section 11B-407.3.4.

Door delay. Elevator doors shall remain fully open in response to a car call for 5 seconds minimum. (11B-407.3.5)