

Appendix A: Charging Cord Cover Specifications

Charging cords must be covered by a high-contrast, light-reflective, slip-resistant, stable, and secure low-angle cable ramp while charging. The City encourages licensees to opt for the lower-profile (less than 2 cm height) option whenever possible.

1. If the total height of the equipment (both cord and ramp) does not exceed 2 cm, the following requirements apply:
 - The ramp shall cover the entire width of the sidewalk and can be no less than 1.2 m wide;
 - The ramp shall be no steeper than a 50% grade or 1:2 gradient.

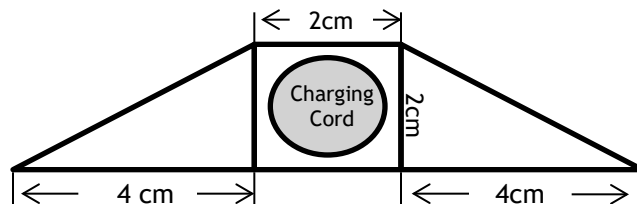


Figure 1 - Cross-section of ramp requirements for total heights up to 2 cm

2. If the total height of the equipment (both cord and ramp) exceeds 2 cm in height, the following requirements apply:
 - The ramp shall be no steeper than an 8.3% grade or 1:12 gradient (example shown in Figure 2);
 - A 1.5 m x 1.2 m or greater landing platform shall be at the top of the ramp;
 - The landing at the top of the ramp must be flat, with no more than a 2% slope (1:50 gradient) in any direction; and,
 - The ramp shall cover the entire width of the sidewalk and can be no less than 1.2 m wide (Figure 3);
 - A 1.5 m x 1.2 m clear landing on the sidewalk must be present on either side of the ramp;
 - Perpendicular to the direction of travel, the ramp cannot have a cross slope exceeding a 2% grade (1:50 gradient).

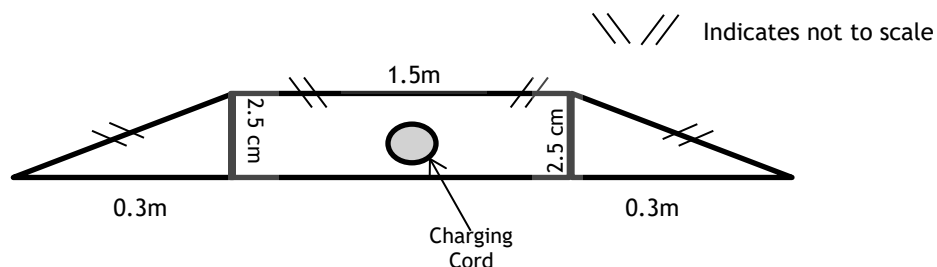
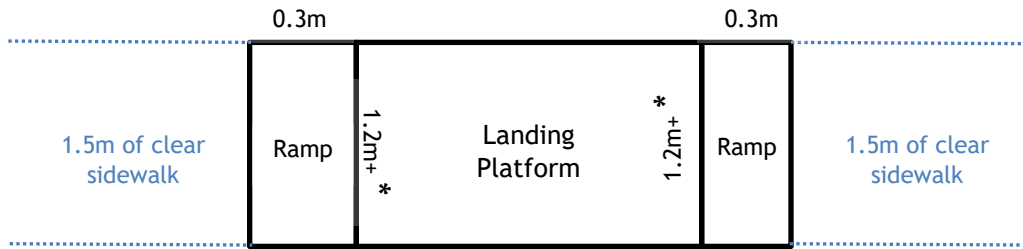


Figure 2 - Cross-section of ramp requirements for total height greater than 2cm; example based on total height of 2.5 cm



* shall be the width of the sidewalk and no less than 1.2m

Figure 3 - Overhead diagram of ramp requirements for total height greater than 2cm

Additional Requirements and Conditions

- The cover must be constructed so as to protect the charging cable from crushing or other damage. It is your responsibility to maintain the cable in a safe condition and protect it from physical damage.
- Adherence to these specifications do not provide any guarantee of access to any on-street parking space.
- Use of signage or other means to reserve a parking space in front of your residence is prohibited
- Use only Level 1 (120V) charging equipment. No Level 2 (240V) charging cords may cross the public right-of-way.
- The EV charging cord and ramp shall cross perpendicular to the sidewalk to minimize obstacles to mobility.
- When not connected to an EV, all equipment shall be removed and stored on private property.
- All local parking regulations, both temporary and permanent, remain unchanged and shall be followed.
- All snow and ice clearing by-laws continue to apply, and cords and covers must be placed directly onto the sidewalk surface.
- You are responsible for complying with all relevant sections of the current Canadian Electrical Code and the Vancouver Electrical By-law 5563. This includes, but is not limited to, the use of a ground fault circuit interrupter (GFCI) receptacle for the electrical cord.
- You should use an outlet linked to your utility bill; or have permission from the utility account holder that you may use their outlet for the purpose of charging an electric vehicle, per the conditions of the license agreement.
- The City recommends that tenants wishing to obtain a license and follow these specifications obtain permission from their landlord.

ENFORCEMENT

Failure to comply with these specifications may result in the removal of equipment and the collection of expenses incurred to restore public space in the manner provided by law.