

GG148-14

407.3.1, 407.3.2

Proponent: Kathleen Petrie, City of Seattle, Department of Planning and Development, representing Regional Code Collaboration (kathleen.petrie@seattle.gov)

Revise as follows:

407.3.1 Short-term bicycle parking. Short-term bicycle parking shall comply with all of the following:

1. It shall be provided with illumination of not less than 1 footcandle (11 lux) at the parking surface;
2. It shall be located at the same grade as the sidewalk or at a location reachable by ramp or accessible route;
3. Horizontal parking spaces shall have a floor area of not less than 18 inches (457 mm) by 60 inches (1524mm) for each bicycle.
4. Vertical parking spaces shall have a floor area of not less than 18 inches (457 mm) by 44 inches (1118 mm) for each bicycle with not less than 24 inches (610 mm) of clearance above the highest point of the bicycle rack;
- ~~5-4~~ It shall be provided with a rack or other facility for locking or securing each bicycle; and
- ~~6-5~~ It shall be located within 100 feet (30 480 mm) of, and visible from the main entrance.

Exception: Where directional signage is provided at the main building entrances, short term bicycle parking shall be permitted to be provided at locations not visible from the main entrance.

407.3.2 Long-term bicycle parking. Long-term bicycle parking shall comply with all of the following:

1. It shall be located on the same site and within the building or within 300 feet (91 440 mm) of the main entrances;
2. It shall be provided with illumination of not less than 1 footcandle (11 lux) at the parking surface;
3. Horizontal parking spaces shall have a floor area of not less than 18 inches (457 mm) by 60 inches (1524 mm) for each bicycle
4. Vertical parking spaces shall have a floor area of not less than 18 inches (457 mm) by 44 inches (1118 mm) for each bicycle, with not less than 24 inches (610 mm) of clearance above the highest point of the bicycle rack; and
- ~~5-4~~ It shall be provided with a rack or other facility for locking or securing each bicycle.

Not less than 50 percent of long-term bicycle parking shall be within a building or provided with a permanent cover including, but not limited to, roof overhangs, awnings, or bicycle storage lockers.

Vehicle parking spaces, other than those required by Section 407.4, local zoning requirements and accessible parking required by the *International Building Code*, shall be permitted to be used for the installation of long term bicycle parking spaces.

Reason: Although Section 407.3 identifies the design area for horizontal bicycle parking spaces, it does not provide guidance for vertical bicycle parking, which this proposal now addresses. Bicycle parking areas are often shown on plans without dimensions demonstrating that the square footage provided meets the number of bicycle parking spaces required.

This may result in a parking area that is too small to accommodate the intended demand. By adding dimensions for vertical bicycle parking clearance, this section increases design and space flexibility.

Cost Impact: Will not increase the cost of construction.

GG148-14: 407.3.1-PETRIE972