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LEED ND: Plan | v4 - LEED v4

Bicycle facilities

Possible 2 points

1 result in All .

Intent

To promote bicycling and transportation efficiency and reduce vehicle distance traveled. To improve public health by encouraging utilitarian and recreational physical activity.

Requirements

Meet the following requirements in 90% of all new buildings. The buildings that do not have bicycle storage may not exceed 10% of the total project building floor area.

Non-residential other than retail

Provide [short-term bicycle storage](#) for at least 2.5% of peak visitors, but no fewer than four storage spaces per building.

Provide [long-term bicycle storage](#) for at least 5% of all regular building occupants, but no fewer than four storage spaces per building in addition to the short-term bicycle storage spaces. Provide at least one on-site shower with changing facility for the first 100 regular building occupants and one additional shower for every 150 regular building occupants thereafter.

Multiunit residential buildings

Provide short-term bicycle storage for at least 2.5% of all peak visitors, but no fewer than four storage spaces per building.

Provide long-term bicycle storage for at least 30% of all regular building occupants, but no less than one storage space per residential unit.

Retail buildings

Provide at least two short-term bicycle storage spaces for every 5,000 square feet (465 square meters), but no fewer than two storage spaces per building.

Provide long-term bicycle storage for at least 5% of regular building occupants, but no fewer than two storage spaces per building in addition to the short-term bicycle storage.

Provide at least one on-site shower with changing facility for the first 100 regular building occupants and one additional shower for every 150 regular building occupants thereafter.

Mixed-use buildings

Meet the above requirements for the project's non-residential, multi-unit residential, and retail spaces.

For all projects:

Short-term bicycle storage must be within 100 feet (30 meters) [walking distance](#) of any main entrance. Long-term bicycle storage must be within 100 feet (30 meters) walking distance of any [functional entry](#). It must be easily accessible to all building users.

Shower and changing facility requirements may be met by providing the equivalent of free access to on-site health club shower facilities, if the health club can be accessed without going outside.

Additionally, meet the requirements of at least one of the following two options.

Option 1. bikable location (1 point)

Locate the project such that the project boundary is within ¼ mile (400 meters) [bicycling distance](#) of an existing [bicycle network](#) that connects to at least one of the following.

- at least 10 diverse uses (see Appendix 1);
- a school or [employment center](#), if the project total floor area is 50% or more residential; or
- a [bus rapid transit](#) stop, light or heavy rail station, commuter rail station, or ferry terminal.

All destinations must be within a 3-mile (4800-meter) bicycling distance of the project boundary.

AND/OR

Option 2. [bicycle network](#) (1 point)

Design the project such that at least 50% of dwelling units and nonresidential use entrances are located on an existing or planned bicycle network extending at least three continuous miles (4800 meters). Within those three miles (4800 meters), the network must connect to one of the following:

- a school;
- an [employment center](#); or
- at least 10 diverse uses (see Appendix 1).