



Appendix E

3E. BICYCLE PARKING

Sec. 61.340. Purpose of Bicycle Parking Requirements.

The bicycle parking requirements of this Part are intended to encourage the use of bicycles as a means of transportation in the City of Orlando, by ensuring that adequate bicycle parking facilities are provided at travel destinations. By encouraging use of bicycles, the public health, safety and welfare will be furthered through improved air quality, reduced energy consumption and more efficient use of vehicular parking facilities.

(Ord. of 9-16-1991, Doc. #25098)

Sec. 61.341. General Requirements.

Bicycle parking shall be provided in accordance with the standards provided in this Part, and shall be made available prior to the issuance of any Certificate of Occupancy/Completion for the use which they serve. Bicycle Parking may consist of Short-Term Bicycle Parking, Long-Term Bicycle Parking, or any combination thereof.

Sec. 61.342. Location.

(a) *Short-Term Bicycle Parking.* Short Term Bicycle Parking may consist of outdoor parking spaces, bicycle racks not protected from the weather, and parking facilities that comply with the requirements for Long-Term Bicycle Parking. Short-Term Bicycle Parking shall comply with the following standards:

- (1) *Proximity.* The maximum distance from Short Term Bicycle Parking Spaces to the principal entrance of the building served (including both the patron and employee entrances when separate entrances are provided) shall be 120 feet.
- (2) *Visibility.* Parking spaces shall be located where they are clearly visible from the main entrance.

(b) *Long-Term Bicycle Parking.* Long-Term Bicycle Parking may consist of indoor bicycle parking spaces, bicycle racks in covered loading dock areas or parking structures, bicycle lockers, bikestations, or other means that provide protection from the weather. The maximum distance from Long Term Bicycle Parking Spaces to the principal entrance





of the building served (including both the patron and employee entrances when separate entrances are provided) shall be 500 feet.

(c) *Same Building Site.* All bicycle parking facilities required by this Part shall be located on the same building site as the uses served, convenient to the principal entrance(s) of all principal buildings on the building site.

(d) *Front Yard.* Bicycle parking facilities may be located in the rear 50% of any required front yard setback or in other areas approved by the Transportation Official, but shall not be located in any vehicle parking space required under this Part, except where a vehicle parking space is specifically converted to a bicycle parking space under the provisions of Section 61.344.

(e) *Covered Parking Encouraged.* Covered bicycle parking is encouraged wherever the design of the building or use being served by the bicycle parking facility includes a covered area that could accommodate such facilities either as proposed or through economical redesign. To this end, the Transportation Official shall be authorized to permit design modifications to the requirements of this Part commensurate with the cost of providing covered parking.

(Ord. of 9-16-1991, Doc. #25098)

Sec. 61.343. Design.

(a) *Bicycle Parking Space Design.* All bicycle parking spaces shall comply with the following standards:

- (1) *Minimum aisle width:* 60 inches, to allow for access and maneuvering.
- (2) *Accessibility:* Accessible to users without climbing or descending stairs.
- (3) *Safety:* Separated from vehicle parking areas by physical barriers, such as curbs, wheel stops, bollards or other similar features, to protect bicycles from damage.
- (4) *Character:* Consistent with the design, color and character of the buildings, street furniture and other features on the building site, but clearly discernible as bicycle parking.
- (5) *Type:* Class II design (see Chapter 66, Definitions).
- (6) *Construction:* Anchored, so that they cannot be easily removed.

(b) *Standard Bicycle Rack Design.* The standard bicycle rack design shall comply with the following standards:





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- (1) Maximum rack height: 36 inches.
 - (2) Minimum depth for each row of parked bicycles: 72 inches.
 - (3) Minimum tube diameter: 1.9 inches.
 - (4) Minimum separation between horizontal rows: 30 inches on center to allow enough room for 2 bicycles to be secured to each rack element.
 - (5) Capacity: Designed to accommodate 2 bicycle parking spaces per rack.
 - (6) Finish: Powder coated.



Images: Standard Bicycle Rack Designs

(c) Alternative Bicycle Rack Designs. Alternative bicycle parking rack designs may be approved by the Transportation Official. Alternative bicycle parking rack designs shall comply with the following standards:

- (1) Size: Accepts multiple bicycle frame sizes and styles.
- (2) Compatibility: Accommodates the use of cable and U-type locks.
- (3) Function: Supports a bicycle frame at 2 points above the wheel hubs.
- (4) Purpose: Allows the frame and at least 1 wheel of the bicycle to be locked to the rack.
- (5) Scale: Visible to pedestrians and the visually impaired, but consistent with the scale of the bicycle locked to the device.
- (6) Durability: Maintenance free or fabricated from materials that weather in an aesthetically pleasing manner.





(7) Simplicity: Easy to understand and operate, with no moving parts.

(8) Operation: Usable without lifting the bicycle onto the device.



Images: Examples of Alternative Bicycle Rack Design

(d) Bicycle Lockers Design. Bicycle lockers shall comply with the following minimum standards:

(1) Height: 49 inches.

(2) Width: 30 inches.

(3) Length: 74 inches.

(4) Capacity: Accommodates 1 bicycle per locker.

(5) Durability: Constructed of durable materials such as hard plastic or galvanized steel.

(Ord. of 9-16-1991, Doc. #25098; Ord. of 1-24-2005, § 28, Doc. #050124909)

Sec. 61.344. Number of Spaces.

(a) Uses Where Bicycle Parking is Required. The minimum bicycle parking requirements where bicycle parking is required are shown in Figure 24. For uses not specifically identified, the bicycle parking requirement shall be based on the most similar use, as determined by the Transportation Official.





(b) Minimum Number of Spaces. A minimum of 2 bicycle parking spaces shall be provided whenever bicycle parking is required.

(c) Bicycle Lockers in Parking Structures. When the required parking on a development site is provided in a parking structure, a minimum of 20% of the required bicycle parking spaces shall be provided as bicycle lockers on the ground floor of the parking structure.

(d) Bicycle Parking Encouraged for Other Uses. For any use not listed in Figure 24, bicycle parking facilities may be substituted for vehicle parking spaces at a rate of 8 bicycle parking spaces per vehicle parking space. The maximum substitution shall be 2% of the vehicle parking spaces required under this Chapter or 2 spaces, whichever is greater.

(e) Reduction in Required Bicycle Parking. The Transportation Official shall be authorized to reduce the amount of required bicycle parking in conjunction with Master Plan, Conditional Use or Planned Development review and approval.





FIGURE 24. MINIMUM STANDARDS WHERE BICYCLE PARKING IS REQUIRED

The following uses shall be required to provide bicycle parking spaces in the amounts listed:

<u>Land Use</u>	<u>Long-Term</u>	<u>Short-Term</u>
<u>Retailing, Eating & Drinking.</u>	<u>1:50,000 SF.</u>	<u>4 spaces plus 1:7,500 SF</u>
<u>Office</u>	<u>1:15,000 SF.</u>	<u>4 spaces plus 1:15,000 SF</u>
<u>Hotels/Motels</u>	<u>1:80 Rooms</u>	<u>1:30 Rooms</u>
<u>Warehouse, Manufacturing & Processing</u>	<u>1:20,000 SF</u>	<u>4 spaces plus 1:20,000 SF</u>
<u>Schools – High, Vocational & Business</u>	<u>1:10 classrooms</u>	<u>2:1 classroom</u>
<u>Schools – Elementary & Middle</u>	<u>1:10 classrooms</u>	<u>3:1classroom</u>
<u>Hospitals</u>	<u>1:50,000 SF.</u>	<u>8 spaces plus 1:50,000SF</u>
<u>Libraries, Museums, Art Galleries, Theaters, Bowling Alleys, Skating Rinks, Health Spas</u>	<u>1:25,000 SF</u>	<u>8 spaces plus 1:5,000SF</u>
<u>Multi-family Dwellings (3 Stories or Less)</u>	<u>NONE</u>	<u>1:5 units</u>
<u>Multi-family Dwellings (4 Stories or More)</u>	<u>1:20 units</u>	<u>1:20 units</u>
<u>Religious Institution</u>	<u>NONE</u>	<u>4 spaces plus 1:10,000SF</u>
<u>Parks</u>	<u>NONE</u>	<u>*</u>
<u>Rail or Bus Stations, Transit Centers without Parking Lots</u>	<u>*</u>	<u>*</u>
<u>Rail or Bus Stations, Transit Centers with Parking Lots</u>	<u>*</u>	<u>*</u>

Notes:

* To be established by the Transportation Official, in conjunction with site plan, Conditional Use, Master Plan or Planned Development review and approval, as applicable. (Ord. of 9-16-1991, Doc. #25098; Ord. of 7-26-1993, Doc. #26770)

Secs. 61.345—61.349. Reserved.

