

GG143-14

407.3

Proponent: Ed Fendley, US Environmental Protection Agency, representing (Fendley.ed@epa.gov)

Revise as follows:

407.3 Bicycle parking and storage. Long-term and short-term bicycle parking shall be designated on the site plan by a *registered design professional* and as specified in Table 407.3. The required number of spaces shall be determined based on the net floor area of each primary use or occupancy of a building except where Table 407.3 specifies otherwise. Accessory occupancy areas shall be included in the calculation of primary occupancy area.

Exceptions:

1. Long-term bicycle parking shall not be required where the *total building floor area* is less than 2,500 square feet (232 m²).
2. Subject to the approval of the *code official*, the number of bicycle parking spaces shall be permitted to be reduced because of building site characteristics including, but not limited to, isolation from other development.

TABLE 407.3
BICYCLE PARKING^a

OCCUPANCY	SPECIFIC USE	SHORT-TERM SPACES	LONG-TERM SPACES ^b
A-1	Movie theaters	1 per 50 seats; not less than 4 spaces	2 spaces
	Concert halls, theaters other than for movies	1 per 500 seats	
A-2	Restaurants	1 per 50 seats; not less than 2 spaces	
A-3	Places of worship	1 per 500 seats	
A-3	Assembly spaces other than places of worship	1 per 25,000 square feet; not less than 2 spaces	
A-4 – A-5	All	1 per 500 seats	2 spaces
B	All	1 per 50,000 square feet; not less than 2 spaces	1 per 25,000 square feet; not less than 2 spaces
E	Schools	None Not less than 2 spaces	1 per 250 square feet of classroom area
E, I-4	Day care	None Not less than 2 spaces	2 spaces

NOTE: This version of the code change proposal has been updated to include all reported errata.

OCCUPANCY	SPECIFIC USE	SHORT-TERM SPACES	LONG-TERM SPACES ^b
F, H	All	None Not less than 2 spaces	1 per 25,000 square feet; not less than 2 spaces
I-1	All	None Not less than 2 spaces	2 spaces
I-2	All	1 per 25,000 square feet; not less than 2 spaces	1 per 50,000 square feet; not less than 2 spaces
M	All	1 per 25,000 square feet; not less than 2 spaces	1 per 50,000 square feet; not less than 2 spaces
R-1	Hotels, motels, boarding houses	None Not less than 2 spaces	1 per 25,000 square feet; not less than 2 spaces
R-2, R-3, R-4	All	None Not less than 2 spaces	None
S	Transit park and ride lots	None	1 per 20 vehicle parking spaces
	Commercial parking facilities	1 per 20 vehicle parking spaces	None
	All other	None	2 spaces
Other	Outdoor recreation, parks	1 per 20 vehicle parking spaces; not less than 2 spaces	None

For SI: 1 square foot = 0.0929 m².

- a. Requirements based on square feet shall be the net floor area of the occupancy or use.
- b. When a calculation results in a fraction of space, the requirements shall be rounded to the next higher whole number.

Reason: The use of bicycles as a means of transportation is thwarted when bicycle parking facilities are not available to riders. Whenever a building may be a destination for visitors or delivery personnel, it is important to provide short-term bicycle parking spots. This proposal revises Table 407.3 to require a minimum number of short-term bicycle parking spaces to types of buildings that could receive visitors and deliveries, but where no short-term bicycle parking is currently required.

Bibliography:

Association of Pedestrian and Bicycle Professionals' *Bicycle Parking Guidelines*, 2nd Edition, 2010, www.apbp.org.

Cost Impact: Will increase the cost of construction. The code change proposal will slightly increase the cost of construction for a few types of buildings.