

# City of Flagstaff

## Guidelines for Bicycle Parking



This document is intended as guidance for providing bicycle parking in new development in the City of Flagstaff. There are a number of good reasons for providing bicycle parking:

- Between 5 and 10 percent of all trips in Flagstaff area are made by bicycle. When cyclists reach their destination, they need a secure and convenient place to lock their bike.
- Accommodating bicycles eliminates the clutter, hazards, and damage caused by unintended or unplanned bicycle parking.
- Bicycle parking is an efficient and inexpensive way to increase parking capacity. Up to 12 bicycles can fit in the parking space of one car!

### When is bicycle parking required

- Section 10-50.80.050 of the City's Zoning Code requires bicycle parking for all new commercial, industrial, and multifamily residential development. Single-family houses and subdivisions are exempt.
- Bicycle parking is also required when an existing development increases in intensity by 25 percent or more, as measured by increases in floor area, seating capacity, or required parking spaces.
- Although it may not be required, major remodels or tenant changes are also great opportunities to enhance the site by providing bicycle parking.



### Number of spaces required

- The Zoning Code requires a minimum of 2 bicycle parking spaces, or 5 percent of the required off-street parking spaces, whichever is greater.



### Rack design

- Per the Zoning Code, bike racks must allow the frame and one or both wheels to be secured with a standard U-lock.
- Racks should also be designed to support a bicycle frame in two places in a manner that does not cause damage to the wheels, or allow the bike to tip over.
- Racks must be securely anchored to the pavement or a structure.
- Bicycle rack materials should be sturdy enough to resist cutting, rust, bending, and deformation.
- Old-style "schoolyard" racks that hold bicycles upright by a wheel should not be used. They can damage wheels and make it difficult to lock a bike properly.

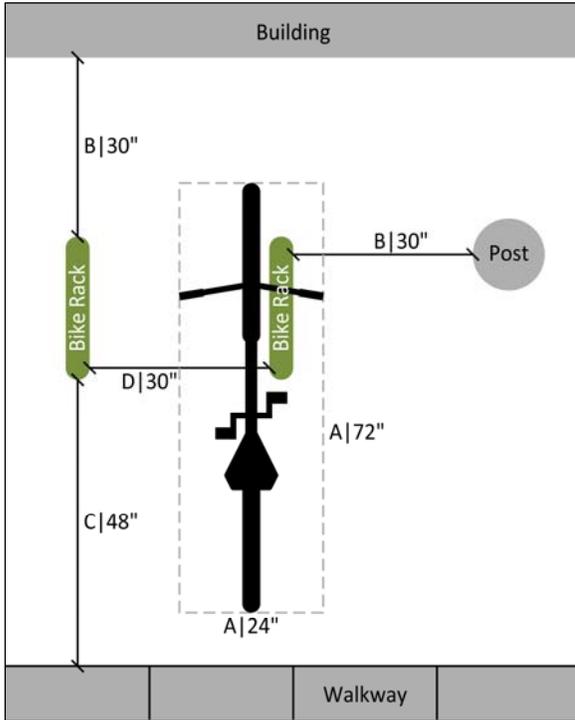


- Ribbon or wave-style racks are not recommended, because they don't support the frame in two locations and can cause bikes to tip over even after they have been locked. The capacity of these racks is also typically about half of what is claimed by manufacturers.

### Location

- Bike racks should be placed in a convenient, highly-visible, active, and well-lit location. The Zoning Code requires bike parking to be no more than 100 feet walking distance to the main entrance.

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- Bike racks that are hidden out of site, placed in remote locations, or difficult to access will not be used.
- Bike racks should be located where they will not block sidewalks and pedestrian ways. Remember that a bike will extend several feet behind or in front of the rack.
- When bike parking is located within a vehicular parking area, curbs, fences, planter, bumpers, or similar barriers are required.
- Consider space and a location for bicycle parking in the site planning process; not as an afterthought.

## Dimensional requirements

- Each bicycle parking space needs a minimum area of 72 inches in length and 24 inches in width that is clear of obstructions (A).
- No part of the rack should be closer than 30 inches



- to a wall, column, or other obstruction (B).
- The front or back of a rack should be at least 48 inches from a sidewalk or pedestrian way (C).
- A minimum of 30 inches is needed between adjoining racks to allow sufficient space for side-by-side parking (D).

## Motor vehicle parking reduction

- Section 10-50.80.060 of the Zoning Code allows a reduction of one required motor vehicle parking space for every 4 bicycle parking spaces provided, to a maximum of 5 percent of required parking, with the consent of the Planning Director.



## Enhanced bicycle parking

- Consider placing racks under an awning, canopy, or roof to help protect bicycles and cyclists from the weather.
- Racks are not the only method of providing bicycle parking. Bike lockers and cages are excellent options for longer-term parking.
- To encourage employees to ride to work, set aside a secure room inside the building for bike storage.



## Additional resources

- Zoning Code City of Flagstaff
- Bicycle Parking Guidelines Ass'n of Ped and Bike Professionals
- Guide for the Development of Bicycle Facilities AASHTO

## For further information

City of Flagstaff/Flagstaff Metropolitan Planning Organization  
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