

Bicycle Parking Guidelines

A summary of recommendations from the Association of Pedestrian and Bicycle Professionals

1) Bicycle Parking Space Size, Access Aisles, and Vertical Clearance

- a) Required bicycle parking spaces shall be at least 2 feet by 6 feet.
- b) An access aisle of at least 5 feet shall be provided in each bicycle parking facility.
- c) Such space shall have a vertical clearance of at least 6 feet.

2) Bicycle Rack Design

Structures that require a user-supplied locking device

- a) shall be designed to accommodate U-shaped locking devices, & support the bike frame at two points.
- b) All lockers and racks must be securely anchored to the ground or the building structure to prevent the racks and lockers from being removed from the location.
- c) The surfacing of such facilities shall be designed and maintained to be mud and dust free.

3) Bicycle Rack Location on Site

- a) Bicycle parking facilities shall be located in a clearly designated safe and convenient location.
- b) The design and location of such facility shall be harmonious with the surrounding environment.
- c) The facility location shall be at least as convenient as the majority of auto parking spaces provided.

Examples of Bicycle racks that do not meet the design requirements above:



Grid or Fence Style Racks



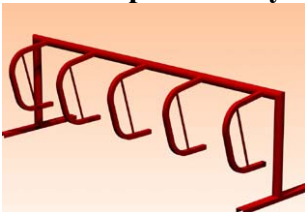
Wave or Ribbon Style racks



Racks that hold the bike by the wheel with no way to lock the frame and wheel to the rack with a U-lock



Examples of Bicycle racks that do meet the design requirements above:



Madrax Spartan Rack



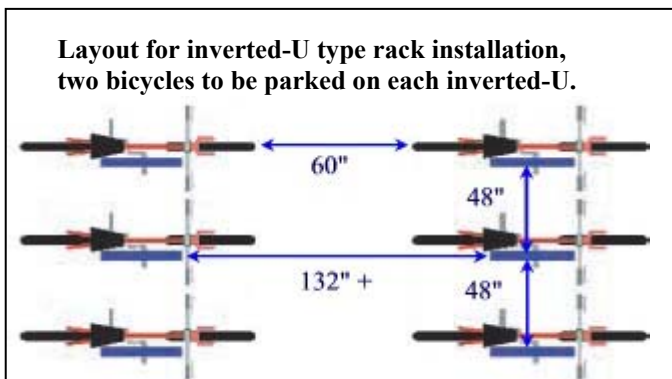
Madrax Sentry Rack



Dero Campus Rack



Saris City Rack



Inverted-U Type Racks



Dero Bike Hitch



Saris Post & Ring



Dero Swerve Rack

If you have questions about whether a particular bicycle parking rack you are considering using meets these requirements, please contact NCWRPC planner: Fred Heider, AICP at fheider@ncwrpc.org. (Rev. 6-2014)

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