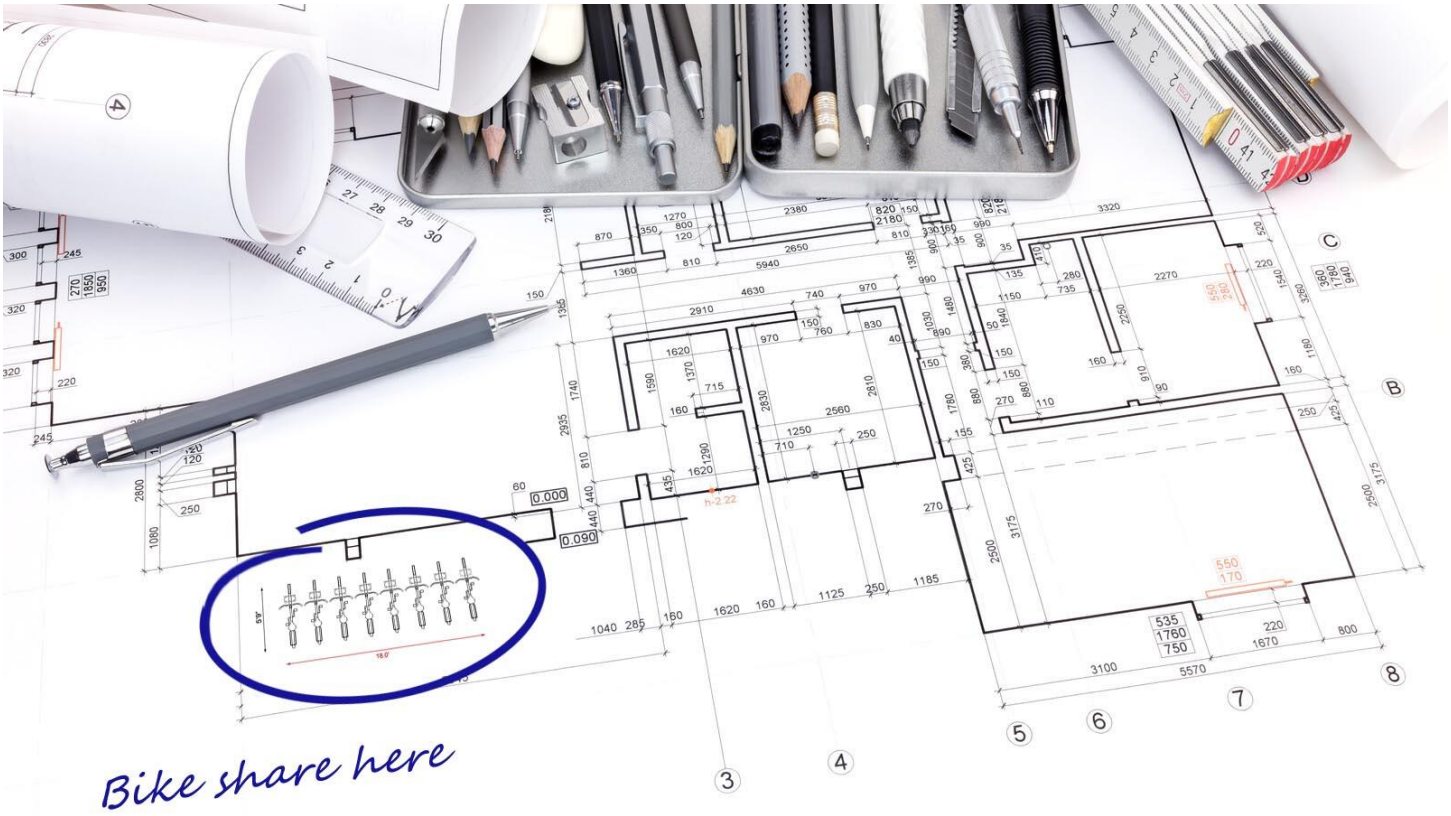
Installation Planning Guide
Single Bike Racks



Plan Ahead. Avoid Surprises.

Planning ahead is the best way to get your system off to a great start. The first step is to select locations for your bike stations. Choosing the right bike station location(s) can save you a lot of time and frustration when the system arrives.

Bike racks must be installed onto concrete. Concrete pads should be at least 3" deep, and meet the minimum measurements required for the desired number of racks, as provided in this guide. Ideally, the concrete pads will be flush with adjacent sidewalks and protected from autos and vehicle traffic.

If you are doing the work yourself, prepare all tools in advance. Locate the nearest power outlet if using a drill that requires power. If hiring a contractor, provide these instructions in advance. We recommend watching the rack installation video prior to installation - **https://youtu.be/ZqYxyh3cwN8**.

Questions? Contact us at 401-475-8094. We are available Mon-Fri 8:00am-5:30pm ET.

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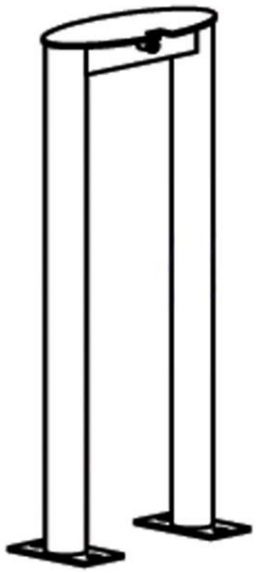
Bicycle Racks

Each rack holds one (1) bike. Bike stations can consist of any number of racks, based on space and desired number of bikes. Bike racks can be arranged in a variety of configurations.



Rack Specifications:

- Capacity: One (1) bike
- Measures: 13 ½" W x 32 ½" H
- Material: Powder Coated Steel
- Install: Surface Mount
- Includes: Mounting hardware (concrete anchor, nut, washer)

Bike Station Location

- Bike racks can be installed inside or outside, but must be installed into concrete.
- The bike racks do not require power. The locks on the bikes are battery powered.
- Bike rack locations should be level. Areas with inclines or declines may affect the docking/releasing of bikes from racks.
- When drilling, confirm there are no pipes, wires or heating elements below the surface.
- The best locations are those most convenient to riders, such as near building entrances or exists.
- We recommend installing the bikes in a location that's moderately secure or sheltered.
- If possible, we recommend using camera surveillance for enhanced security.

Watch the Rack Installation Video

https://youtu.be/ZqYxyh3cwN8

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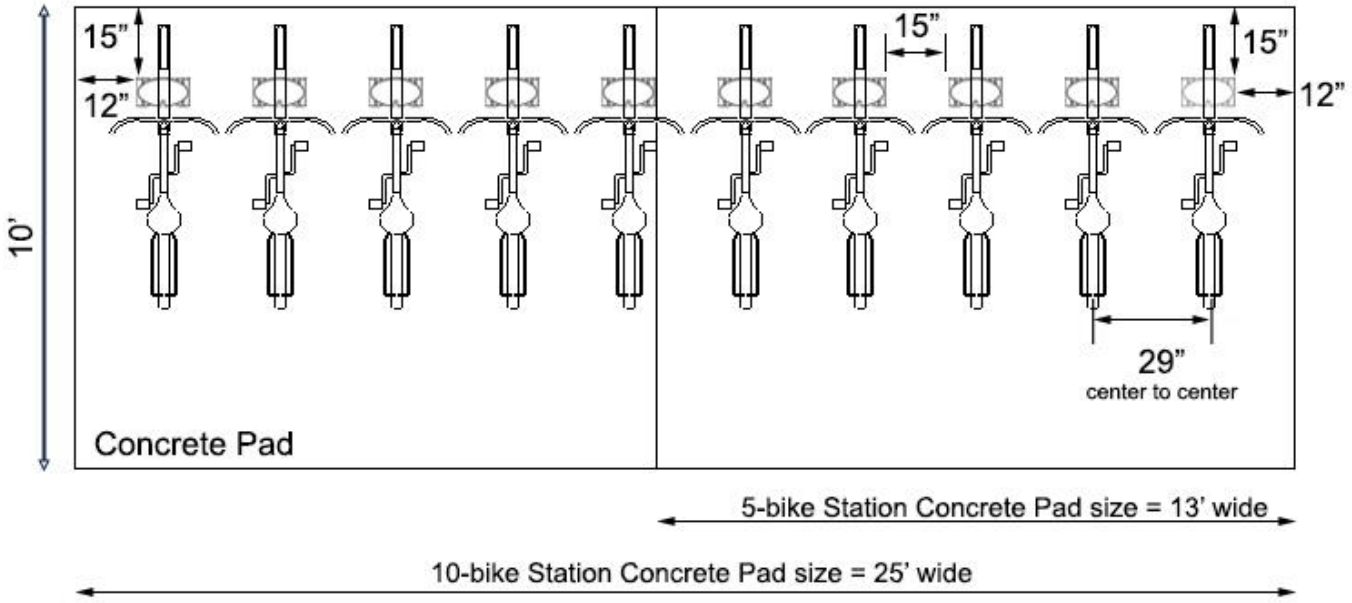
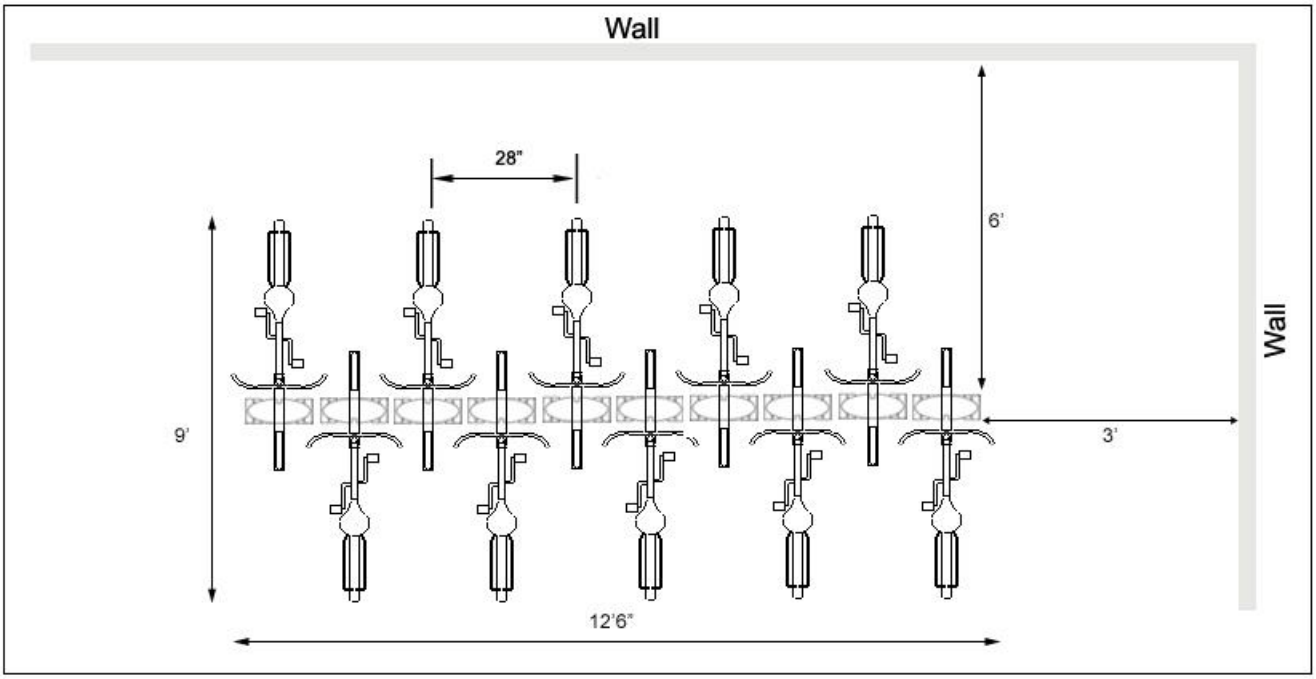
Bike Station Configurations

Side-by-Side Configuration



Nose-to-Nose Configuration



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IMPORTANT Installation Instructions

Before You Begin Installation

Measure the working space and calculate the number of bikes that will fit in the space. Mark the locations for each rack and confirm spacing as well as setbacks from walkways and roadways.

Street Setbacks and Spacing

Recommended spacing from street behind bikes: 103"
Recommended spacing from street beside racks to bikes: 60”

Recommended Base Materials

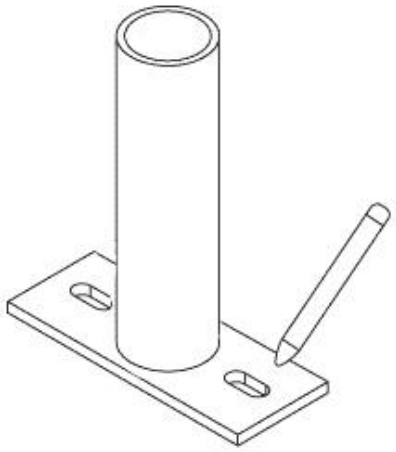
Concrete: Concrete is the only recommended base material for installation. Concrete anchor bolts are included with the racks. We do not recommend installation on asphalt, paver stones, bricks or other surfaces.

Tools Needed for Installation

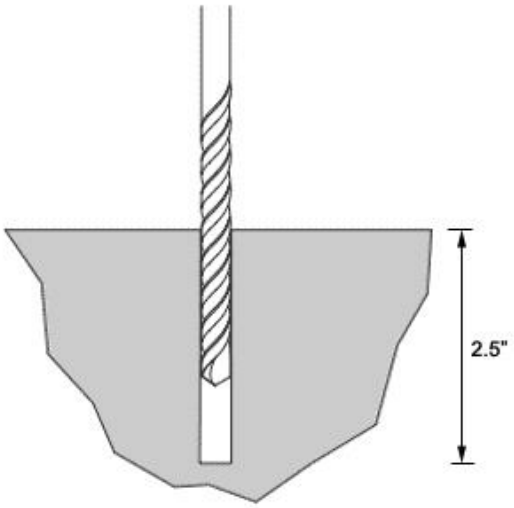
- Tape measure
- Marker or pencil
- Masonry drill bit 3/8"
- Hammer drill
- Hammer
- 9/16" Wrench or socket
- Level

Installation Steps

1 Place the rack in the desired location. Use a marker or pencil to outline the holes of the flange onto the base material.



2 Drill the holes using a 3/8” drill bit. Make sure the holes are at least 3" from any edges or seams in the base material. Holes should be at least 2.5” deep.



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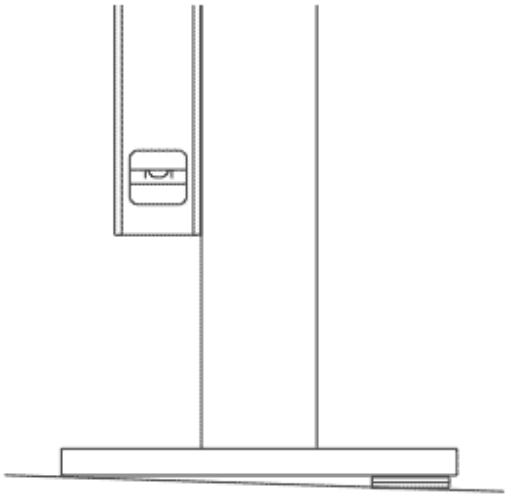
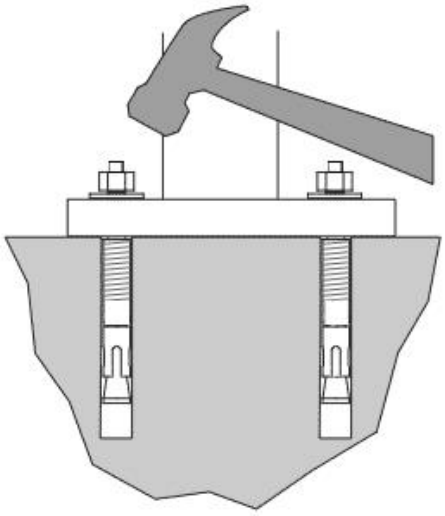
3 Use washers to level rack if necessary. The height and angle of the rack pin must match the height of the receiving hole on the bike's smart lock.

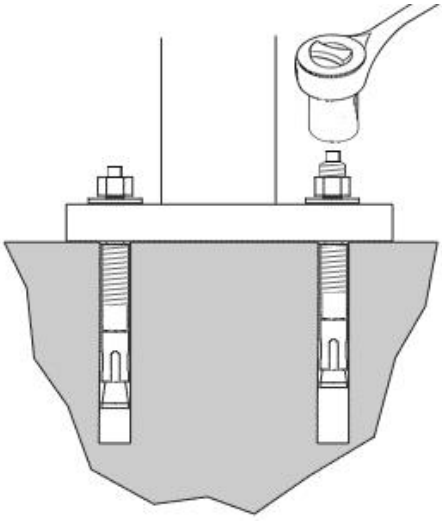


4 Place washer on anchor, and thread nut onto top of anchor so the nut is fully threaded onto the anchor. The smaller diameter top of the anchor will extend beyond the nut.

5 Using a hammer, tap anchor through hole on top of rack base and into the matching drilled hole in concrete. Hammer until rack is flat on concrete surface and bolt/nut is tight on top of rack base.



6 Using a 9/16" wrench or socket wrench, tighten the nut to 20-25 ft/lbs of torque.



IMPORTANT: Once racks are installed, check to make sure bikes dock smoothly onto racks. Use the Maintenance App to unlock each bike and make sure it releases smoothly from rack. If the bike does not dock or unlock smoothly, check the rack angle and adjust as needed.

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