Wave Style Bike Rack
Submittal Sheet

Materials:
1.5” Schedule 40 Steel Pipe (1.9” OD)

Finishes:
- Powder Coat
  Our powder coat finish assures a high level of adhesion and durability by following these steps:
  1. Sanded down
  2. Washed and Dried
  3. Zinc Primer
  4. Powder Coat
  5. UV Clear Topcoat

Mount Options:
- In-Ground
  In-ground mount is embedded into concrete base. Specify in-ground mount for this option
- Surface
  Foot mount has two circular plates (0.25” x 6” OD with four 9/16” mounting holes). Specify surface mount for this option

Capacity:
- BRC-1050 Parks 5 Bikes 42” L
- BRC-1051 Parks 7 Bikes 67.75” L

Setbacks:
- 75” Single Sided
- 95” Double Sided

* These setbacks represent generally recommended distances. Be sure to consult local building and city codes before installing racks.

1-800-689-9078
www.BicycleParkingRacks.com
Made in U.S.A
Rev 5.0
Wave Style Bike Rack
Installation Instructions - In-Ground Mount

Tools Needed
Level  Hole coring machine with 4” bit
Cement mixing tub  Access to water hose
Shovel  Materials to build brace (see “Install Tip” on following page)
Trowel

Installing Into Existing Sidewalk
Core holes no less than 3” diameter (4” recommended) and 10” deep into sidewalk. Place Wave Rack into hole making sure the rack is level. Fill hole with epoxy grout. 36” of the Wave Style Bike Rack should remain above the surface. Make sure the rack is level and held in place until the grout has completely set.

Install tip: Place bottom curves of rack on 2 x 4” blocks to ensure proper clearance

Installing Into a New Sidewalk

Final grade level
Sand pour bed

Recommended hole diameter = 4”

Step 1
Place corrosion resistant sleeve (min. 4” inside diameter in sand pour bed in exact location where rack will be installed. Make sure top of sleeve is at same level as desired finished concrete surface. Fill sleeve with sand to keep it in place and prevent it from filing with concrete.

Step 2
Pour concrete and allow to cure.

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# Wave Style Bike Rack

## Installation Instructions - In-Ground Mount

### Tools Needed

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
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</tr>
<tr>
<td>Trowel</td>
<td></td>
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</tbody>
</table>

### Step 3

After appropriate cure time, dig out sand from sleeves and insert racks, making sure they are level and at appropriate height. Pour in epoxy grout and allow to set.

### Install Tip

An easy way to brace the Wave Rack while the grout sets is to bolt two 1x4” boards together at one end and clamp them onto the legs of the rack like a clothes pin. Placing 2x4 blocks under the bottom curves will help to set the correct height.
Wave Style Bike Rack
Installation Instructions - Surface Mount

Tools Needed
- Tape Measure
- Marker or Pencil
- Masonry Drill Bit
- Drill (Hammer drill recommended)
- Hammer
- Wrench or ratchet 9/16”
- Level

Recommended Base Material
Solid concrete is the best base material for installation. Be sure nothing is underneath the base material that could be damaged by drilling.

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

Step 2
Drill the holes. Make sure the holes are at least 3” away from any cracks in the base material.

Step 3
Use washers to level rack if necessary.

Step 4
Tap in anchors.
Wave Style Bike Rack

Guide Specifications

Section 02871 Bike Racks

These specifications were current at the time of publication but are subject to change at any time without notice. Please confirm the accuracy of these specifications with the manufacturer and/or distributor prior to installation.

PART 1 GENERAL

1.1 Summary
- This section includes specifications for the Wave Style Bike Rack.
- Bikes parked per unit
  1. 2-Hump: 5 bikes
  2. 3-Hump: 7 bikes

1.2 Quality Assurance
- Installer Qualifications: An experienced installer who has completed installation of bicycle racks similar in material, design, and extent to that indicated for this project and whose work has resulted in construction with a record of successful in-service performance.

- Manufacturer Qualifications: A firm experienced in manufacturing bicycle racks similar to those required for this project and with a record of successful in-service performance.

- Source Limitations: Obtain each color, finish, shape and type of bicycle rack from a single source with resources to provide components of consistent quality in appearance and physical properties.

- Product Options: Drawings indicate size, shape and dimensional requirements of bicycle racks and are based on the specific system indicated.

1.3 Submittals
- Product Data: Include physical characteristics such as shape, dimensions, bicycle parking capacity and finish for each bicycle rack.

- Shop Drawings: Show installation details for each bicycle rack.

- Samples for Verification: Submit finish samples for review and verification.

- Maintenance Data: For each bicycle rack.
  1. Include recommended methods for repairing damage to the finish.

1.4 Delivery, Storage and Handling
- Upon delivery, before signing for shipment, inspect for any damages and notate on the Bill-of-Lading (B.O.L).

- Store bicycle racks in original undamaged packages and containers until ready for installation.

- Handle bicycle racks with sufficient care to prevent any scratches or damage to the finish.

PART 2 PRODUCTS

2.1 Acceptable Manufacturers
- Provide bicycle racks manufactured by the Bike Rack Company, 525 South Flagler Drive Suite #200 West Palm Beach, FL 33401. Phone: 1-800-689-9078. Fax: 1-561-336-6159. Website: www.BicycleParkingRacks.com

2.2 Materials
- 1.5” Schedule 40 Steel Pipe (1.9” OD) per ASTM A53/A53M

- In-ground Wave Style Bike Rack have a 1/2” x 6” steel rod welded to the bottom to ensure the rack doesn’t pull out after the concrete cures.

- Surface mount Wave Style Bike Racks have two circular plates (0.25” x 6” OD with four 9/16” mounting holes).
Wave Style Bike Rack
Guide Specifications

2.3 Finishes
- Powder Coat
  1. Ten (10) high quality powder coated colors are available.
  2. For powder coated racks the following process is followed:
     a. Sanded down to prep it for painting
     b. Washed/Dried to prep it for painting
     c. Zinc primer is applied
     d. Powder coat color is applied
     e. UV Clear Topcoat is applied

2.4 Wave Bike Rack
- Space Use
  1. Bikes will be locked perpendicular to the Wave bike rack as shown in the installation diagrams. When bikes are locked to it, the Wave Rack will use approximately the amount of space listed in the installation diagrams
  2. To ensure that the Wave bike rack is convenient and safe for bicyclists, use the minimum space use configurations when installing a Wave bike rack next to a wall or street, or if installing several Wave bike racks next to each other.

- Setbacks
  1. Wall Setback: A minimum setback of 24" should be left between the wall and the rack. The recommended setback is 36”.
  2. Street Setback: For racks running parallel to the street, a 96” setback is recommended. For racks installed perpendicular to the street a 24” setback is the minimum setback distance between the street and the rack. The recommended setback is 36”.

PART 3 EXECUTION

3.1 installation
- In-ground mount – embedded into concrete.
- Surface mount – mounted to the surface.
- It is the responsibility of the installer to ensure that all base materials into which the rack will be installed can support the rack and will not be damaged by any required installation procedures.
- Generally the surface mounted bike rack is less expensive to install and easier to remove than the inground mount bike rack while still maintaining the same degree of security.

3.2 Ordering Information
- When ordering or specifying this rack, make sure the mounting type and finish are indicated. Contact Bike Rack Company representative for a current price list or to place an order.

3.3 Freight
- Call 1-800-689-9078 for freight quotes.
Wave Style Bike Rack

WARRANTY:

All Bike Rack Company products are warranted to the original purchaser for a period of one year from the date of original invoice, to be free from factory defects in workmanship or materials. During this warranty period Bike Rack Company may repair or replace merchandise proven to be defective due to faulty manufacture. Such repairs and service will be made FOB factory with no allowance for transport or handling costs. This warranty does not apply to damage resulting from: accident, misuse, abuse, alteration or negligence. Bike Rack Company will not be liable for any loss, injury or damage to persons or property after merchandise has been received, inspected and found to be in good condition and meets the customer’s specifications. Bike Rack Company will not be liable for additional charges sustained by the customer as a result of installation or usage. Bike Rack Company is not liable for stolen goods. It is advised under warranty that all Bike Rack Company products should be permanently affixed to the ground upon installation to prevent degradation of protective coatings on the products.

MAINTENANCE:

The purchaser is cautioned that proper maintenance is necessary to insure long-term durability and customer satisfaction. Any product found to be damaged or defective should be taken out of service. Some products in an exterior application, depending on exposure to the elements, require recoating. The frequency will depend upon the application.

RETURNED MERCHANDISE:

Defective merchandise may only be returned with written permission from Bike Rack Company factory. All merchandise must be returned prepaid within (4) weeks of delivery, UPS when possible. Upon inspection, determination will be made and the goods will be returned or replaced. Defective merchandise will be replaced at no cost to the original purchaser and all freight will be paid by Bike Rack Company.