

**SECTION (DV210)**  
**SPECIFICATIONS FOR PARK-A-BIKE 210 SERIES VARSITY BIKE DOCKS**

**PART 1 GENERAL**

**1.1 Summary**

Section DV210 includes written specifications for the 210 Series Varsity Bike Dock.

**1.2 Quality Assurance**

A. *Manufacturer Qualifications:*

1. A manufacturer experienced in producing commercial bicycle parking racks similar to the desired specification described for this project.
2. Product Options: The manufacturer will be able to produce several finish and color options, shapes and types of bicycle racks from a single source or from resources able provide product options of like quality in both form and function.
3. Manufacturer Service Options: The manufacturer will be able to present product specific drawings of the bicycle racks size, shape, dimensional requirements, and weight.

B. *Installer Qualifications:*

1. Experienced installer has completed installation of bicycle racks similar in specification to that indicated for this project.

**1.3 Submittals**

- A. *Product Information:* Must contain physical descriptions such as bicycle parking capacity, dimensions, shape, installation hardware requirements, and finish options for each bicycle rack.
- B. *Installation Drawings and/or Installation Video:* Details installation instruction for the designated bicycle rack.
- C. *Product Verification:* Able to Submit finish samples for review and verification upon request.
- D. *Manufacturer's Project References:* Able to provide a minimum of three references for whom the firm provided similar or comparable services during the last 5 years and a description of the services provided.
- E. *Warranty:* Submit manufacturers standard warranty.

**1.4 Delivery, Storage and Handling**

- A. *Delivery:* In order to ensure shipments are received undamaged, a thorough inspection must be made and noted on the B.O.L.
- B. *Storage:* Bicycle racks should be stored in their original packages or containers until they are ready for installation.
- C. *Handling:* Before and up to installation, bicycle racks should be handled with sufficient care in order to prevent any finish damage.

**1.5 Warranty**

- A. *Manufacturers Warranty:* Bicycle racks carry a one year limited warranty against defects in materials and workmanship beginning on the date they are received.

## **PART 2 PRODUCTS**

### **2.1 Manufacturer**

- A. Provide bicycle racks manufactured by Park-a-Bike, Inc., 2021 Arden Way, Sacramento, CA 95825, 1-800-481-8524. Fax: 1-866-532-9049 Website: [www.parkabike.com](http://www.parkabike.com)

### **2.2 Materials**

- A. *Steel*: ASTM A36 Steel for all structural steel plate  
ASTM A53 Steel for all Pipe
- B. *In-Ground Mount*: is embedded into concrete base.  
*Surface or Flange Mount*: each base unit mounts to concrete with 2 anchor holes.
- C. *Rail Racks*: Racks are bolted to two parallel rails. Racks can be left free standing or anchored to the ground.

### **2.3 Finishes**

- A. Galvanized finish is applied after fabrication and protects from elements that can lead to oxidation, corrosion and rust that can cause the eventual weakening of the steel.
- B. Powder coat finish is highly durable and is applied through the following steps:
  - 1. Mediablast
  - 2. Electrostatically applied epoxy primer
  - 3. TGIC polyester powder coat is applied as the final coat
- C. A 304 and other grade stainless steel finishes are also available.

### **2.4 Varsity Bike Dock 210 Series Footprint**

- A. Setbacks:
  - 1. Wall Setback: For racks set parallel to the wall, a minimum of 16" should be left between the wall and the rack.
  - 2. Distance Between Racks: 24" is the minimum distance between racks.
  - 3. Street Setback: 2-3 feet is the recommended minimum distance between the street and the rack.
  - 4. The surface mounted Varsity Bike Dock is installed onto a concrete base with two 3/8" x 5" wedge lock anchors.
- B. Rail Racks
  - 1. Rail-mounted racks have the docks attached to the rail using bolts and are pre-configured as 2-4 racks on one rail.
  - 2. Rail-mounted racks can be left either freestanding or can be anchored to the ground using several anchors.
  - 3. The Advantages to rail-mounted racks are:
    - a. Easier and inexpensive installation
    - b. Can be left freestanding or anchored to the ground
    - c. Can be easily removed
  - 4. Free standing rail racks are commonly used where snow removal/sweeping is an issue, or when no suitable base material is available.

### **2.5 Product Details**

- A. DV211: 2 bike capacity, right or left facing, surface mount

- B. DV212: 2 bike capacity, right or left facing, in ground mount

## **PART 3 EXECUTION**

### **3.1 Examination**

- A. Examine footprint to ensure conditions are adequate for installation. Do not proceed with installation if conditions are not adequate for install. Notify project architect if conditions are unsatisfactory.

### **3.2 Preparation**

- A. Make sure the location of the racks is flat, level, square, accurate for alignment, and correctly located for install of bicycle racks.

### **3.3 Installation**

- A. *In Ground Installation:* Bicycle rack is embedded into concrete a base.
- B. *Surface or Flange Mount:* An above ground mount that is anchored to the base material through the product specific flange plate.
- C. *Rail Mounted:* Varsity Bike Docks are anchored to rails to produce a free standing unit that can hold 4 to 8 bikes as either a single sided or double sided unit.

### **3.4 Quoting**

- A. *Product specification:* Make sure the product item, finish options, fasteners, and expected lead time have been included in estimate.
- B. *Pricing:* Estimates are good for 45 days; contact a Park-a-Bike representative for a current price list.

### **3.5 Freight**

- A. 210 Series Varsity Bike Docks can be shipped UPS, and in some cases ship freight, dependent on quantity order. Call Park-a-Bike at 1-800-481-8524 for a freight quotes.

### **3.6 Purchasing**

- A. *Product specification:* Make sure the product item, finish options, fasteners, and expected lead time have been included in estimate.
- B. *Pricing:* Estimates are good for 45 days; contact a Park-a-Bike representative for a current price list if estimate has expired.
- C. *Placing a order:* You can order via phone 1-800-481-8524; Fax: 1-866-532-9049; email - info@parkabike.com. Or, if submitting purchase orders, mail to: 2021 Arden Way, Sacramento, CA 95825.

Additional Questions:

**Park-a-Bike**  
**2021 Arden Way**  
**Sacramento, CA 95825**

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