

Specifications for High Density Bike Parking System

Division 12 00 00 Furnishings

Section 02871

Section 12 93 00 Site Furnishings

Bike Racks

Section 12 93 13 Bicycle Racks

Revision A

These specifications were current at the time of publication but are subject to change at any time without notice.

Part 1 General

1.1. Summary

This section includes specifications for the Plaza™ Jr. High Density Bike Rack(s).

1.2. Related Sections

<Reserved>

1.3. Submittals

Manufacturer's data sheets on each product to be used, including full range of configuration options.
Manufacturer's installation instructions.

1.4. Quality Assurance

1.4.1. 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.

1.4.2. Installer Qualifications

An experienced installer who has completed installation of bicycle parking infrastructure similar in material and design indicated for this project and whose work has resulted in proven record of successful in-service performance.

1.4.3. Source Limitations

Obtain each color, finish, shape and type of bicycle parking equipment from a single source with resources to provide components of consistent quality in appearance and physical properties.

1.5. Delivery, Storage, and Handling

Upon delivery, before signing for shipment, inspect for any damage. 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.

1.6. Project Conditions

Maintain environmental conditions (temperature, humidity, and ventilation) within limits recommended by manufacturer for optimum results. Do not install products under environmental conditions outside manufacturer's absolute limits. The Plaza Jr. bicycle rack is manufactured for indoor or outdoor.

1.7. Warranty

Bicycle racks carry a one-year manufacturer's limited warranty against defects in materials and workmanship. The warranty period begins the date the product is shipped from the manufacturer.

Part 2 Products

2.1. Manufacturers

2.1.1. Acceptable Manufacturer

Sportworks
 15440 Woodinville-Redmond Rd. NE, A-200
 Woodinville, WA 98072
 Tel: 425-483-7000; email: sales@sportworks.com
www.sportworks.com

2.1.2. Substitutions

Not permitted. Requests for substitutions will be considered in accordance with provisions of Section 01600.

2.2. Materials and Finish

Mild steel with powder-coat or thermoplastic finish. Custom colors also available. Contact manufacturer for availability and lead time.

or

Stainless steel with bead blast satin, powder-coat or thermoplastic finish. Custom colors also available. Contact manufacturer for availability and lead time.

2.3. Specifications

2.3.1. Bicycle Compatibility

Accommodates bikes of all sizes; Designed for optimal support of small bicycles - including children's bikes.

2.3.2. Bicycle Capacity

Accommodates 12 bikes (double-sided)

or

Accommodates 6 bikes (single-sided)

2.3.3. Rack Dimensions (WxHxD)

Double-sided: 41.7" x 22.5" x 124.8"

Single-sided: 23.7" x 22.5" x 124.8"

2.3.4. Support Loops

1.25" x 1/8" wall round tube

2.3.5. Spine

2" x 3" x 1/8" wall round tube

2.3.6. Mounting Feet

0.375" stainless plate

2.3.7. Installation Method

Surface mount, install 2 fasteners using supplied hardware

2.3.8. Hardware Supplied

Concrete wedge anchors

or

Asphalt anchors

or

Concrete wedge anchors with tamper-resistant nuts

2.3.9. General

Compatible with U-lock, not required for stability.

2.4. Setbacks and Space Use

2.4.1. General

Single-sided model can be installed directly against buildings or other structures (no clearance is required).

2.4.2. Loading Aisle Clearance

72" minimum; 81" recommended

Part 3 Execution

1.1. Examination

Do not begin installation until substrates have been properly prepared.

If substrate preparation is the responsibility of another installer, notify the architect of unsatisfactory preparation before proceeding.

1.2. Installation

Install in accordance with manufacturer's instructions.

1.3. Protection

Protect installed products until completion of project. Touch-up, repair or replace damaged products before Substantial Completion.