

Division 12 00 00 FURNISHINGS**Section 12 93 00 SITE FURNISHINGS****Section 12 93 13 BICYCLE RACKS****Part 1 General**

1.01 Summary

- A. This section includes specifications for the Post Rack:
 - i. Single post steel bike rack which provides 2 points of bike support contact.
 - ii. Bikes parked per rack: 2.

1.02 Submittals

- A. Manufacturer technical drawing.
 - i. Size, shape, and finish.
- B. Installation instructions.
- C. Setback requirements.

1.03 Quality Assurance

- A. Manufacturer Qualifications:
 - i. Minimum 5 years of bicycle rack manufacturing experience.
 - ii. Have manufactured and delivered this style of rack.

1.04 Delivery, Storage and Handling

- A. Inspect shipment upon delivery for freight damage and note complaint with carrier.
- B. Protect bicycle racks during storage and installation.
 - i. Use original packing if possible for storage.
 - ii. Protect finish of rack from scratches or damage with careful handling.

1.05 Warranty

- A. Provide manufacturer's standard warranty.
 - i. Terms of warranty: 1 year from invoice date against defects in materials and/or workmanship.

Part 2 Products

2.01 Manufacturer

- A. Provide Post Rack bike rack(s) by Sportworks Northwest, Inc.
- B. Manufacturer Information:
 - i. Name: Sportworks Northwest, Inc.
 - ii. Address: 15540 Woodinville-Redmond Rd NE, Bldg A-200, Woodinville, WA
 - iii. Phone: (425) 483-7000
 - iv. Fax: (425)-488-9001
 - v. Web: www.sportworks.com

2.02 Materials

- A. Center Post: 2" Schedule 40 Pipe – 2.375" OD (stainless steel or mild steel).
- B. Mounting Feet: 6" Diameter x 0.25" Thick Plate (stainless steel or mild steel).
- C. Side Hoops: 1.5" x 0.120" Wall Tubing (stainless steel or mild steel).

2.03 Finish

- A. Mild steel
 - i. Pre-coat:
 - 1. Epoxy Primer (white semi-gloss smooth primer)

2. Zinc plating (standard)
- ii. Top Coat
 1. TGIC Polyester powder coat (standard).
 2. Plascoat PPA-571 thermoplastic powder coat.
 3. Hot-Dip Galvanize per ASTM A123, 0.0039" minimum thickness.

B. Stainless steel

- i. Glass-bead blast (SP6 surface finish).

2.04 Dimensions

- A. 17" long x 6" wide x 36" high

2.05 Mounting

A. Surface Anchor/Mounting Options (all require 3 x 3/8" anchors)

- i. Concrete wedge anchors.
- ii. Concrete wedge anchors with tamper resistant nuts.
- iii. Concrete drive spikes.

B. Embedded in-ground mount.

Part 3 Execution

3.01 Installation

A. Surface Mount:

- i. Install 2 fasteners per bicycle rack as designated in manufacturer specifications.
- ii. Install bicycle rack in accordance with APBP (Association of Pedestrian and Bicycle Professionals) recommendations for location and spacing.

B. Embedded mount:

- i. Approximately 10" of each bicycle rack leg should be embedded in concrete.

C. The installer is responsible for ensuring the mounting surface and installation method are adequate to safely secure the bicycle rack.