

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 Crossroads storage racks:
 - i. Crossroads, without Cable, 1 bike parked per rack.
 - ii. Crossroads, with Cable, 1 bike parked per rack.
 - iii. Crossroads, with Chain, 1 bike parked per rack.

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 15 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 or workmanship.

Part 2 Products

2.01 Manufacturer

- A. Provide Vertical Wall 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. Hook Tubes: 1.25" Diameter Round Tube (stainless steel).
- B. Mounting Brackets: 0.25" plate (stainless steel).

2.03 Finish

- A. Stainless steel
 - i. Glass Bead Blasted Matte Texture

2.04 Dimensions

- A. Crossroads, without Cable: 8" long x 5" wide x 16" high.
- B. Crossroads, with Cable: 8" long x 5" wide x 80" high (including cable).
- C. Crossroads, with Chain: 8" long x 5" wide x 49" high (including chain).

2.05 Mounting

- A. Surface Mount
 - i. Concrete lag screws (1/4").
 - ii. E-Z Lock inserts for mounting to 3/4" thick plywood.

2.06 Additional Specifications

- A. Crossroads with Chain:
 - i. The chain rack can accommodate large diameter u-lock shackles up to 0.85" in diameter (such as the New York Kryptonite® Fahgettaboudit®).
 - ii. The chain rack utilizes a through hardened chain that cannot be cut with hand-held (i.e. non-power, non-pneumatic and non-hydraulic) bolt cutters.
 - iii. The chain is covered by a ballistic nylon sheath to protect the bicycle finish.
- B. Crossroads with Cable:
 - i. The cable rack can accommodate even larger diameter u-lock shackles greater than 0.85", as well as anything less than that.
 - ii. The cable is covered with a clear vinyl to protect bicycle finish.

Part 3 Execution

3.01 Installation

- A. Wall Mount:
 - i. Install 4 fasteners per bicycle rack as designated in manufacturer specifications.
 - ii. Install bicycle rack in accordance with APBP recommendations for location and spacing.
- B. Mounting to Plywood:
 - i. Attached 3/4" thick plywood to wall and install rack using E-Z Lock inserts as designated in manufacturer installation instructions and Plywood Installation Guidelines.
- C. The installer is responsible for ensuring the mounting surface and installation method are adequate to support and secure the bicycle rack.