

Division 12 00 00  
Section 12 93 00  
Section 12 93 13

**FURNISHINGS**  
**SITE FURNISHINGS**  
**BICYCLE RACKS**

## **Part 1 General**

### **1.01 Summary**

- A. This section includes specifications for the mild steel or stainless-steel Oahu No Scratch Bike Racks, each with a 2 bike parking capacity.

### **1.02 Submittals**

- A. Manufacturer product brochure.
- B. Manufacturer technical drawing.
  - i. Size, shape, and finish.
- C. Installation instructions.
- D. 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.
  - iii. Do not use sharp blades around the bicycle rack's no-scratch rubber bumper.

### **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 Oahu No Scratch bike rack(s) by Sportworks Northwest Inc. in either mild steel or stainless steel with a 2 bike capacity. Rack/s shall incorporate Santoprene® rubber bumper into design construction to protect bikes. Bumper shall offer a constant service temperature range from -60°C to 135°C (-81°F to 275°F) with no cracking or tackiness.

### **2.02 Materials**

- A. Outer Tube: 2" x 1" x 0.120" rectangular tubing (stainless steel or mild steel).
- B. Inner Bar: 2" x 0.25" flat bar (stainless steel or mild steel).
- C. Soft Pad: Santoprene TPV.
- D. Surface Mount Feet: 2" x 6" x 0.375" flat bar (stainless steel or mild steel).

- E. Embedded Mount Tubes: 2.0" x 1.5" x 0.120" rectangular tubing (stainless steel or mild steel).

### **2.03 Finish**

- A. Mild steel.
  - i. Pre-coat:
    - 1. Zinc rich primer (for TGIC Polyester Powder only).
  - ii. Top Coat
    - 1. TGIC Polyester Powder Coat (standard).
    - 2. Hot-Dip Galvanized.
    - 3. Plascoat PPA-571 Thermoplastic Powder Coat.
- B. Stainless steel.
  - i. Bead blast satin finish.

### **2.04 Dimensions**

- A. 36" long x 6" wide x 32.5" high.

### **2.05 Mounting**

- A. Surface Anchor/Mounting Options (all racks require 4 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 4 fasteners per bicycle rack as designated in manufacturer specifications.
  - ii. Install bicycle rack in accordance with APBP recommendations for location and spacing.
- B. Embedded Mount:
  - i. Embed the two tubes extending approximately 10" from the bottom of the rack in concrete with 3/8" rebar.
  - ii. Install bicycle rack in accordance with APBP recommendations for location and spacing.
- C. The installer is responsible for ensuring the mounting surface and installation method are adequate to support and secure the bicycle rack.