

Division 12 00 00 FURNISHINGS

Section 12 93 00 SITE FURNISHINGS

Section 12 93 13 BICYCLE RACKS

Basis of Design:

1. Product: Sportworks Mobility Hub – Standard and Premium Kits.
2. Description: Sportworks Mobility Hub, Standard and Premium Kits, are low cost and easy to install on-street corrals that provides protected parking for up to 10 bicycles or scooters in the footprint of a single 9' wide parallel car parking space. Both kits include 5 x Cane Detectable Tofino No Scratch® racks, a pair of custom extruded Mounting Rails for mounting of the racks, and 4 x 4ft BikeRails® to provide a strong barrier for protecting the corral. The two kits differ in delineation style, the Standard Kit comes with 2 x tall and 4 x short post delineators. The Premium kit comes with the 2 x Double-Arc RailRibbon™ and 4 x short post delineators. Asphalt anchors are also included with each kit. The Cane Detectable Tofino No Scratch® racks each allow two bicycles to be safely and securely parked with 3 points of contact and u-lockability.
3. Materials and Finishes:
 - Cane Detectable Tofino No Scratch® rack: 304 stainless steel with a bead blasted satin finish and an integrated black Santoprene rubber bumper.
 - Mounting Rails: 6061 T6 aluminum with a clear anodize.
 - BikeRails®: hot-dip galvanized mild steel.
 - RailRibbon™: durable polymer.
 - Post delineators: polypropylene plastic.
4. Manufacturer:
 - Cane Detectable Tofino No Scratch® racks and Mounting Rails: Sportworks Northwest; www.sportworks.com; 425-483-7000; salesandsupport@sportworks.com
 - BikeRails®, RailRibbon™ and post delineators: DeziignLine LLC; www.deziignline.com; 877-944-8900; info@deziignline.com

Part 1 General

1.01 Summary

1. A. Sportworks Mobility Hub, Standard and Premium Kits, each include 5 x Cane Detectable Tofino No Scratch® racks, a pair of Sportworks custom extruded Mounting Rails for the racks, and 4 x 4ft BikeRails® to provide a strong barrier for protecting the corral. The Standard Kit comes with 2 x tall and 4 x short post delineators. The Premium kit comes with the 2 x Double-Arc RailRibbon™ and 4 x short post delineators. Asphalt anchors are also included with each kit.

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 for storage, if possible.
 - 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. Provided the following in the Premium Kit:
 - i. 5 x Cane Detectable Tofino No Scratch® racks.
 - ii. 1 x pair of Mounting Rails (for 5 racks).
 - iii. 4 x BikeRails®.
 - iv. 2 x RailRibbon™.
 - v. 4 x short post delineators.
 - vi. 16 x asphalt anchors
 - vii. All hardware for mounting racks to mounting rails
- B. Provided the following in the Standard Kit:
 - i. 5 x Cane Detectable Tofino No Scratch® racks.
 - ii. 1 x pair of Mounting Rails (for 5 racks).
 - iii. 4 x BikeRails®.
 - iv. 2 x tall post delineators.
 - v. 4 x short post delineators.
 - vi. 16 x asphalt anchors
 - vii. All hardware for mounting racks to mounting rails

2.02 Materials

- A. Cane Detectable Tofino No Scratch® rack: 304 stainless steel with an integrated Santoprene rubber bumper.
- B. Mounting Rails: 6061 T6 aluminum with a clear anodize.
- C. BikeRails®: mild steel.
- D. RailRibbon™: durable polymer.
- E. Post delineators: polypropylene plastic.

2.03 Finishes

- A. Mild steel: hot-dip galvanized.
- B. Stainless Steel: bead blasted satin finish.

2.04 Dimensions

- A. Refer to Technical Drawing document available at www.sportworks.com.

2.05 Mounting

- A. ½" x 5" Titen HD screw anchor

2.06 Design Features

- A. Allows up to 10 bikes or scooters to be parked in a single 9' x 16' space.
- B. Low cost, easy to install and is 100% reconfigurable, movable and reusable.
- C. Provides a strong steel barrier for protecting bike racks and parked bicycles or scooters from cars.
- D. BikeRails® have a narrow footprint to accommodate minimal buffer zones, can be anchored into asphalt or concrete, sit 2-1/4" above grade to allow for storm water drainage and debris clearance, allow post delineators to be attached to any end and incorporate high visibility reflective tape for safety.

- E. Cane Detectable Tofino No Scratch® racks mitigate bicycle and/or rack scratching with a durable No Scratch® bumper and allow two bikes to be safely and securely parked with 3-points of contact and u-lockability (around the bike's front wheel and frame to the rack).
- F. Mounting rails have a low height profile, with a gentle 120 approach angle for ease of rolling bicycle or scooter tires over, and rails minimize the quantity of anchors required for the racks.

Part 3 Execution

3.01 Installation

- A. Install per Installation Instructions document available at www.sportworks.com.
- B. Install bicycle rack in accordance with APBP (Association of Pedestrian and
- C. The installer is responsible for ensuring the mounting surface and installation method are adequate to safely secure the bicycle rack.