

Section 12 93 13 Bicycle Racks
SPECIFICATIONS FOR GROUND CONTROL SYSTEMS™ CS200 CIRCLE SERIES™
BIKE RACKS

PART 1: GENERAL

1.1 Summary

Section includes written specifications for the CS200 Circle Series™ Bicycle Rack.

1.2 Quality Assurance

A. *Manufacturer Qualifications:*

1. A manufacturer experienced in producing commercial bicycle parking racks similar to the desired specification described for this project.
2. *Product Options:* The manufacturer will be able to produce several finish and color options, shapes and types of bicycle racks from a single source or from resources able provide product options of like quality in both form and function.
3. *Manufacturer Service Options:* The manufacturer will be able to present product specific drawings of the bicycle racks size, shape, dimensional requirements, and weight.

B. *Installer Qualifications:* Experienced installer has completed installation of bicycle racks similar in specification to that indicated for this project.

1.3 Submittals

- A. *Product Information:* Must contain physical descriptions such as bicycle parking capacity dimensions, shape, installation hardware requirements, and finish options for each bicycle rack.
- B. *Installation Drawings and/or Installation Video:* Details installation instruction for the designated bicycle rack. Drawing packages and submittals can be supplied by Ground Control.
- C. *Product Verification:* Able to Submit finish samples for review and verification upon request.
- D. *Manufacturer's Project References:* Able to provide a minimum of three references for whom the firm provided similar or comparable services during the last 5 years and a description of the services provided.
- E. *Warranty:* Submit manufacturer's standard warranty.

1.4 Delivery, Storage and Handling

- A. *Delivery:* In order to ensure shipments are received undamaged, a thorough inspection must be made and noted on the B.O.L.
- B. *Storage:* Bicycle racks should be stored in their original packages or containers until they are ready for installation.
- C. *Handling:* Before and up to installation, bicycle racks should be handled with sufficient care in order to prevent any finish damage.

1.5 Warranty

Manufacturer's Warranty: Bicycle racks carry a one year limited warranty against defects in materials and workmanship beginning on the date they are received.

PART 2: PRODUCTS

2.1 Manufacturer

Provided bicycle docks manufactured by Ground Control Systems™ 708 Alhambra Blvd, Suite 200, Sacramento, CA, 95816, 1-800-630-7225, Fax: 1-866-532-9049, Website: www.groundcontrolsystems.com

2.2 Materials

- A. *Steel:* HSS 2" square steel tubing
- B. *Surface or Flange Mount:* Two 4 1/2" x 6" x 3/8" mounting base with 2 mounting holes

2.3 Finishes

- A. Hot dipped galvanized finish (marine environment)
- B. DuraPlas™ finish – standard black thermoplastic.

2.4 CS200 Circle Series™ Space Use

Setbacks:

1. Wall Setback: For racks set parallel to the wall, a minimum of 24" should be left between the wall and the rack. 36" is the recommended setback. For racks installed perpendicular to the wall, a 34" setback is the minimum distance. 42" is recommended.
2. Distance Between Racks: 24" is the minimum distance between racks. 36" is recommended.
3. Street Setback: 24" is the minimum distance between the street and the rack. 36" is recommended.
4. The surface mounted Circle Series™ rack is installed onto a concrete base with four (4) 3/8" anchors. Contact Ground Control for desired length (3 3/4" minimum).

2.5 Product Details

CS200: 2 bike, 2" square surface mount

PART 3: EXECUTION

3.1 Examination

Examine footprint to ensure conditions are adequate for installation. Do not proceed with installation if conditions are not adequate for install. Notify project architect if conditions are unsatisfactory.

3.2 Preparation

Make sure the location of the racks is flat, level, square, accurate for alignment, and correctly located for install of bicycle racks.

3.3 Installation

Surface or Flange Mount: An above ground mount that is anchored to the base material through the product specific flange plate.

3.4 Quoting

- A. *Product specification:* Make sure the product item, finish options, fasteners, and expected lead time have been included in estimate.
- B. *Pricing:* Estimates are good for 45 days; contact a Ground Control representative for a current price list.

3.5 Freight

- A. The CS200 Inverted U Bicycle Rack can be shipped UPS and in some cases ship freight, dependent on quantity order. Call Ground Control at 1-800-630-7225 for a freight quotes.

3.6 Purchasing

- A. *Product specification:* Make sure the product item, finish options, fasteners, and expected lead time have been included in estimate.
- B. *Pricing:* Estimates are good for 45 days; contact a Ground Control representative for a current price list if estimate has expired.
- C. *Placing an order:* You can order via phone 1-800-630-7225; Fax: 1-866-532-9049; email - info@groundcontolsystems.com. Or, if submitting purchase orders, mail to: 708 Alhambra Blvd., Suite 200, Sacramento, CA 95816