

Section 12 93 13 Bicycle Racks
SPECIFICATIONS FOR GROUNDCONTROLSYSTEMS® DD04 & DD06 DOUBLE DOCKER™
BIKE RACKS

PART 1: GENERAL

1.1 Summary

Section includes written specifications for the DD04, DD06 DOUBLE DOCKER™ BIKE RACKS

1.2 Quality Assurance

A. Manufacturer Qualifications:

1. A manufacturer experienced in producing commercial bicycle parking racks like 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 to 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 limited warranty against defects in materials and workmanship beginning on the date of delivery. Please see the separate warranty document for complete details and limitations on manufacturer liability.

PART 2: PRODUCTS

2.1 Manufacturer

Provided bicycle racks 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. All steel construction, ASI materials, for durability
- B. Plastic wheels for smooth travel of slide
- C. Urethane bumpers to absorb slide impact
- D. Zinc plated hardware
- E. Components:
 1. SLIDE ASSEMBLY, UPPER TRACK, SINGLE, HD GALVANIZED
 2. LOWER BIKE TRACK, SINGLE, HD GALVANIZED
 3. SUPPORT LEG, HD GALVANIZED
 4. CROSS BEAM MANIFOLD, HD GALVANIZED
 5. MOUNTING BRACKET AND HARDWARE KIT, LOWER BIKE TRACKS, ONE SHORT ONE TALL BRACKET, HD GALVANIZED
 6. HARDWARE KIT, DOUBLE DOCKER, U-BOLTS WITH NUTS
 7. 3-3/4" LONG 3/8"-16 UNC STAINLESS STEEL CONCRETE WEDGE ANCHOR KIT

2.3 Finishes

- A. Hot dipped galvanized finish (marine environment)
- B. Powder coat, black, with zinc-rich primer

2.4 SpaceUse

Double Docker™Setbacks:

1. Ceiling height: Minimum 102"
2. Loading zone: Recommended 48"-72"
3. Distance to front wall: 10" to center of beam (2.5" to edge of dock)
4. Distance to side wall: 14.5" to 16.5" from center of bike

5. When adding other Double Docker™ units in longer rows, maintain 16.5” bike to bike spacing
6. The surface mounted Double Docker™ rack is installed onto a concrete base with: DD04: Six (6) 1/4” strike anchors and five (5) 3/8” wadge . anchors
DD06: Nine (9) 1/4” strike anchors and five (5) 3/8” wedge anchors

Contact Ground Control for desired length (3 3/4” minimum), several types of anchor styles are available.

2.5 Product Details

Double Docker™

- A. Two-tier allows double the density
- B. Double Sided configurations hold 8-12 bikes
- C. Vertically staggered position prevents handle bar conflicts
- D. Gas strut Lift-assist makes loading easy – very little strength required*
- E. Grade 5 U-bolts keeps upper row secured
- F. Convenient locking loops to lock frame and wheel on bike
- G. Movable legs allow retro-fitting over existing horizontal bike parking
- H. Surface mount (Anchors available)
- I. U-lock compatible

DD04 Double Docker™

04-bike capacity

DD06 Double Docker™

06-bike capacity

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 the 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 the estimate.

B. *Pricing*: Estimates are good for 45 days; contact a Ground Control representative for a current price list.

3.5 Freight

A. The Double Docker™ Bicycle Racks are shipped by freight. Call Ground Control at 1-800-630-7225 for freight quotes.

3.6 Purchasing

A. *Product specification*: Make sure the product item, finish options, fasteners, and expected lead time have been included in the estimate.

B. *Pricing*: Estimates are good for 45 days; contact a Ground Control representative for a current price list if the 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