SECTION 12 93 13 _ BICYCLE RACKS  University Contact:  

**PART 1 – GENERAL**

Information in this Section is to be followed unless otherwise directed by University of Delaware (UD) Owner Representative and UD Grounds Representative (Assistant Director of Grounds or Landscape Planner).

1.1 SUMMARY

A. This section contains information regarding the model and specifications for the layout and installation of bike racks.

1.2 RELATED SECTIONS AND REFERENCES

A. See also 4E_DIVISION_32_321623_Sidewalks_Pedestrian Paths for information about the paver pad.

1.3 DESIGN REQUIREMENTS

A. Should be conveniently located with sufficient number, location and spacing to encourage their use. Ideally, close to entryways, but not placed so that the entry experience is necessarily flanked by bike parking.

B. A general guideline is to provide one bike rack per three building occupants.

C. Bike racks should be placed near PDI entry doors and adjacent to pedestrian paths in a manner that does not block circulatory routes or snow plow access.

D. Bike rack areas should be provided good site lighting and, wherever possible, in view of security cameras.

E. Typical spacing is no less than 36” on center; adjust per site conditions and with prior approval.

F. Bike Racks should be installed on either concrete or paver pads. See also 4E_DIVISION_32_321623_Sidewalks_Pedestrian Path for pad details. Pad should be a minimum of 8 ft. deep to enable snow plow access around a bike if it remains attached to the rack.

1. When bike rack paver pads are placed in lawn areas, bike racks need to be installed with a minimum of 20” from edge of rack to edge of pavers, to allow for overhang of bike tires.
PART 2 – PRODUCTS

2.1 Secure Site Design, LLC

Model: BRWS-101Cycle Sentry Series
Options: in-ground mount (preferred); surface mount is available.
Color: Black Powder Coat
Capacity: 2 bikes

Manufacturer:
P.O. Box 6091
Potomac, MD 20859
Phone: (888)268-4726; (410) 286-3375
Fax: (410) 479-0175
www.securesitedesign.com

PART 3 EXECUTION (no content)

PART 4 – ATTACHMENTS

4.1 Location: Student Services Building, Lovett Ave. Installed in Pavers
4.2 Location: Reading Dormitory Complex Installed in Concrete Pad
4.3 In-Ground Mount (Preferred)

- **HOLE IS PRESENT ONLY WHEN GALVANIZED OPTION IS SPECIFIED**
- **STEEL ANCHOR ROD IS DIRECTED THROUGH THE TUBULAR POST TO HELP SECURE THE ASSEMBLY IN THE CONCRETE FOOTING**

**MOUNTING OPTIONS:**
- STANDARD IN-GROUND (AS SHOWN) AND SURFACE MOUNT WITH ROUND FLANGE

**NOTES:**
1. DRAWINGS NOT TO SCALE. DO NOT SCALE DRAWINGS.
2. ALL FABRICATED METAL COMPONENTS ARE STEEL, SKETBLASTED, ETCHED, PHOSPHATIZED, PREBASKED, AND ELECTROSTATICALLY POWDER-COATED WITH T.S.I.C. POLYESTER POWDER COATINGS. PRODUCTS ARE FULLY CLEANED AND PREBASKED, PREBASKED AND COATED WHILE HOT TO FULL COVERAGE AND BAKE COATING full. COATED PARTS ARE THEN FULLY CURLED TO CONFORM MANUFACTURER'S SPECIFICATIONS. THE FRICTION OF THE RESULTING FINISH AVERAGES 8-10 KILOWS (200-250 MSFNS).
3. THIS SECURE SITE DESIGN, LLC. PRODUCT MUST BE PERMANENTLY AFFIXED IN THE GROUND.
4. CONSULT YOUR LOCAL CODES FOR REGULATIONS.
5. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE. CONTACT MANUFACTURER FOR DETAILS.
6. THIS PRODUCT IS SHIPPED ASSEMBLED.

**BRWS-101 CYCLE SENTRY SERIES**
- BIKE RACK SHOWN: STANDARD IN-GROUND MOUNT

**CONTACT:**
- TOLL FREE (USA & CANADA): 1-888-ARM-T-RAM (888-267-8726)
- 410-285-3073 : FAX 410-479-0735
- P.O. BOX 1019,
- POCONO, WI 53953 U.S.A.
- info@securedesig.com
- www.securesitedesign.com
4.4 Surface Mount

In-ground mount is the preferred and recommended installation standard, except only when site conditions require a surface mount option. For surface mount:

1. Use only stainless steel bolts and nuts.
2. Apply "Never Seize" to bolt threads.
3. Bolts should be vandal resistant and not less than 4" long.
4. If being installed into a paver area, a concrete footer shall be poured in place (no less than 8" wide x 24" long x 18" deep).