**GUIDE SPECIFICATIONS FOR THE HANNAN U-PARK BIKE RACK**

**SECTION 02871 or 129313
BIKE RACKS**

**These specifications were current at the time of publication but are subject to change at any time without notice. Please confirm the accuracy of these specifications with the manufacturer and/or distributor prior to installation.**

**PART 1 GENERAL**

**1.1 Summary**

1. This section includes specifications for the Hannan Specialties, Inc. U-Park Bike Rack.
2. Modular System - Two bikes per hanger (unless otherwise specified).

**1.2 Quality Assurance**

1. Installer Qualifications: An experienced installer who has completed installation of bicycle racks similar in material, design, and extent to that indicated for this project and whose work has resulted in construction with a record of successful in-service performance.
2. Manufacturer Qualifications: A firm experienced in manufacturing bicycle racks similar to those required for this project and with a record of successful in-service performance.
3. Source Limitations: Obtain each color, finish, shape and type of bicycle rack from a single source with resources to provide components of consistent quality in appearance and physical properties.
4. Product Options: Drawings indicate size, shape and dimensional requirements of bicycle racks and are based on the specific system indicated.

**1.3 Submittals**

1. Product Data: Include physical characteristics such as shape, dimensions, bicycle parking capacity and finish for each bicycle rack.
2. Shop Drawings: Show details for each bicycle rack.
3. Samples for Verification: Submit finish samples for review and verification.
4. Maintenance Data: For each bicycle rack.
5. Include recommended methods for repairing damage to the finish.

**1.4 Delivery, Storage and Handling**

1. Upon delivery, before signing for shipment, inspect for any damages and notate on the B.O.L.
2. Store bicycle racks in original undamaged packages and containers until ready for installation
3. Handle bicycle racks with sufficient care to prevent any scratches or damage to the finish.
	1. **Warranty**
	2. Bicycle racks carry a one year manufacturer’s limited warranty against defects in materials and workmanship. The one year warranty period begins the date of Substantial Completion.

**PART 2 PRODUCTS**

**2.1 Acceptable Manufacturers**

1. Provide bicycle racks manufactured by HANNAN SPECIALTIES, INC., 3790 Bradview Drive, Sacramento, CA 95827, 916-363-7225. Fax: 916-363-0225 Website: www.durabikelocker.com

**2.2 Materials**

1. Hanger is 3/8" solid steel rod. : ASTM A 36/A 36M
2. Lock point is 1" solid steel rod. : ASTM A 36/A 36M.
3. Upright is 2" SCH 40 pipe. Complying with ASTM A 53, or electric-resistance-welded pipe complying with ASTM A 135.
4. Feet are 3.5 x 1.5 steel channel. ASTM A 36/A 36M.
5. Crossbeams are 1-5/8” tube ASTM A 36/A 36M.
6. Center mounting plate is 3” x 3/8” THK steel bar stock. . : ASTM A 36/A 36M.
7. Sheet: Commercial steel sheet complying with ASTM A 569/A 569M.

**2.3 Finishes**

1. Finish: body is TGIC powder-coat. 8 TGIC powder-coated colors are available standard from Hannan Specialties, Inc.
	1. Options: a hot-dipped galvanized finish can be special ordered.
	2. All powder coat finishes are applied over an electrostatically applied rust inhibiting primer.

**2.4 Space Use**

* 1. Space Use
		1. Bikes will hang vertically from the U-Park.
		2. Each space uses 21” of lateral space and 44” of depth/bike.
		3. Double sided U-Parks use 88” of depth per 2 bikes.
		4. Allow a minimum of 36” access aisle between occupied U-Parks.
	2. Modular System
		1. The U-Park is a modular system and can be ordered in any configuration or length.
		2. A wall mounted system can be ordered.

**PART 3 EXECUTION**

* 1. **Installation**
	2. Floor mounted: the floor mounted U-Park has holes in the feet through which to attach 3/8” x 5” wedge anchors.
	3. Wall mounted: the wall mounted U-Parks have two holes through every mounting bracket. Mounting hardware is included.
	4. All connections and mounting parts have pre-threaded mounting holes (except the feet). No drilling or tapping required.
	5. It is the responsibility of the installer to ensure that all base materials into which the rack will be installed can support the rack and will not be damaged by any required installation procedures.

**3.2 Ordering Information**

1. When ordering or specifying this rack, make sure the product type, finish and fastener type (if applicable) are included. Contact your Hannan Specialties, Inc. / Dura Bike Locker**®** representative for a current price list or to place an order.
2. Included in the price is one of our 8 standard TGIC powder coat finish.

**3.3  Freight**

1. Call 1-800-722-BIKE for freight quotes.