

From: Peter Slowik <pslowik@marketsquarearchitects.com>
Subject: 455 Mass Ave supplemental info - bike rack specs and lighting intent
Date: September 27, 2021 at 11:51:56 AM EDT
To: John Murphy <john@summit-res.net>

John,

Should the questions arise, please see attached for bike rack specifications for indoor bike storage. These were used in another conforming project in Arlington, and have been spaced to exceed the Bylaw guide minimums.

For exterior lighting, we intend to provide the minimum feasible to maintain a safe living environment, particularly at the two rear pedestrian corridors surrounding the garage. Existing street lights will provide ample illumination in proximity to Park Terrace, and will be supplemented with a single adjustable downlight fixture provided at each entrance. The interior of the garage will be illuminated with ceiling lights, and the wall opening shall be constructed such that the head height sufficiently shields direct light from neighboring structures. Mass Ave and both side streets are illuminated by street lights.

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SECTION 129310

BICYCLE RACKS

PART 1 - GENERAL

1.1 GENERAL PROVISIONS

- A. Attention is directed to the CONTRACT AND GENERAL CONDITIONS and all Sections within DIVISION 01 - GENERAL REQUIREMENTS which are hereby made a part of this Section of the Specifications.

1.2 DESCRIPTION OF WORK

- A. Work Included: Provide labor, materials and equipment necessary to complete the work of this Section, including but not limited to the following:
 - 1. Bicycle racks.
- B. Related Work: The following items are not included in this Section and will be performed under the designated Sections:
 - 1. Section 033000 - CAST-IN-PLACE CONCRETE for lintels, sleeves, anchors, inserts, plates and similar items.

1.3 SUBMITTALS

- A. Product Data: Include for each product specified.

1.4 QUALITY ASSURANCE

- A. Source Limitations: Obtain products through one source from a single manufacturer.

1.5 COORDINATION

- A. Coordinate size and location of blocking and mounting details.

PART 2 - PRODUCTS

2.1 BICYCLE RACKS

- A. Basis of Design: Dero Bike Rack Co.; Hoop Rack.
- B. Materials:
 - 1. Pipe: 1.5 inch schedule 40 steel pip with powder coat finish.
 - 2. Mounting Rails: 3 x 1.4 x 3/16 inch thick galvanized steel rails.
- C. Configuration:
 - 1. U-Hoop Style bike rack for mounting 2 bikes per hoop.

2. Hoops are bolted to two parallel rails, anchored to the ground.
3. Angle: 90 degrees.
4. Distance Between Racks: 3 feet.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine substrates, areas, and conditions, with Installer present, for compliance with requirements for installation tolerances, operational clearances, and other conditions affecting performance.
- B. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 INSTALLATION

- A. Install in accordance with Manufacturer's recommendations.

3.3 CLEANING AND PROTECTION

- A. Protect installed products until completion of project and touch-up, repair or replace damaged products before Substantial Completion.

END OF SECTION