

PART 1: GENERAL

1.01 Purpose

This section contains standards related to the selection and installation of exterior bicycle racks.

1.02 Submittals

- A. Product data: Provide information on product materials (detail drawings showing product dimensions, manufacturer's recommended installation requirements, etc.) and samples for initial selection for review and approval by FSCP prior to ordering.
- B. Quality Standards: Provide information regarding compliance with current ISO quality manufacturing standards.
- C. Environmental Criteria: Provide information regarding the pre-consumer, post-consumer and total recycled content of the bicycle rack materials in accordance with current ISO definitions.
- D. Warranty: Provide copy of 1 year minimum warranty coverage.

1.03 Protection

Deliver, handle, store and install product in accordance with manufacturer's instructions to prevent damage.

PART 2: PRODUCTS

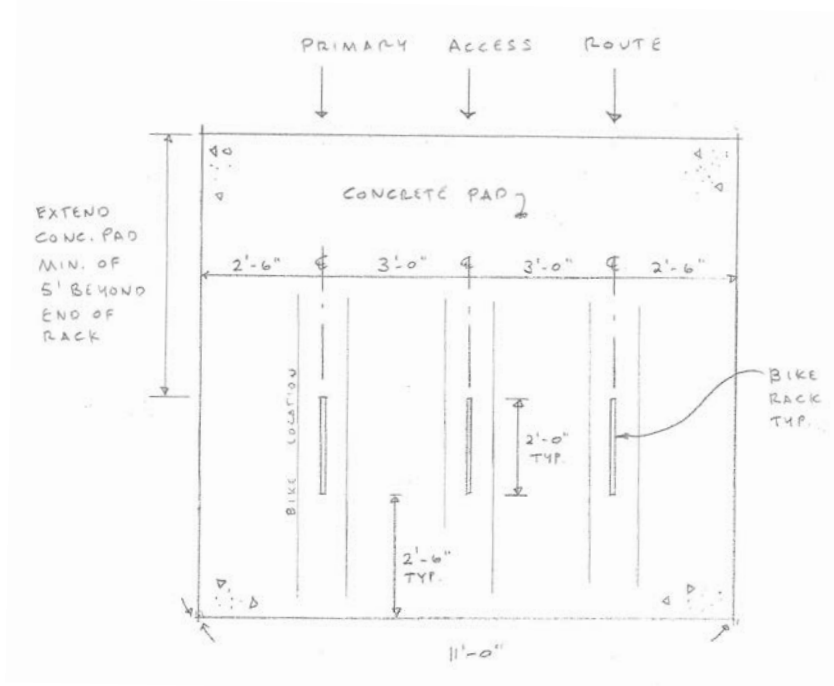
2.01 Bicycle Rack

- A. Frame: Stainless steel, Satin No. 4, no surface blemishes
- B. Style: Inverted U-shaped (no cross bar or other infill)
- C. Pipe: 1-1/2" Schedule 40 (2" O.D.)
- D. Size: 3' high, 2' long, using 24" radius
- E. Anchoring Method: In-ground installation to a minimum depth of 18" in minimum 9" diameter concrete footing.
- F. Hardware: Corrosion resistant, vandal resistant, recessed or otherwise concealed with plugs or caps.

PART 3: EXECUTION

3.01 Layout of Bicycle Racks

- A. Alignment of Racks: Preferred alignment is a single row. Other alignments will be considered in accordance with current edition of *Bicycle Parking Guidelines* by the Association of Pedestrian and Bicycle Professionals.
- B. Spacing of Racks: Minimum 3', as measured between the longitudinal centerlines of adjacent racks.
- C. Concrete Pad: 6" thick, with 6x6 woven wire mesh and footing. Pad to extend a minimum of 2'-6" from the sides and ends of each bike rack with the following exception: the portion of the concrete pad used by bicyclists to access the bike racks (Primary Access Route) shall be a minimum of 5' from the narrow end of the rack to provide additional maneuvering space. Preferred slope of concrete pad to be 2%, maximum 5%.
- D. Example Layout:



3.02 Shop Drawings

Provide shop drawings showing fabrication details and construction details (including proposed scoring pattern for concrete pad and depictions of the relationship of bicycle racks to adjacent travel routes, pavement or landscaped surfaces and other site amenities).