

Product: Dero Bike Hitch
As manufactured by Dero Bike Racks

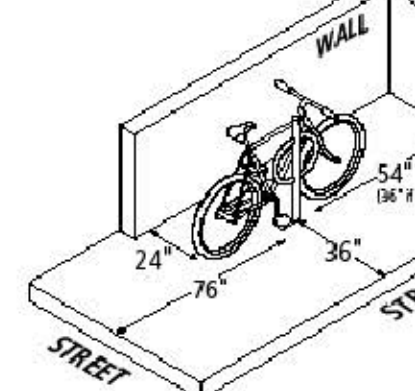
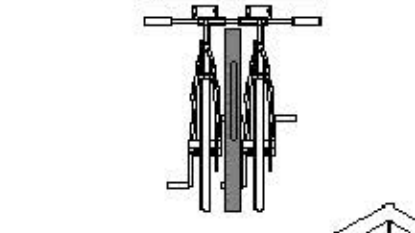
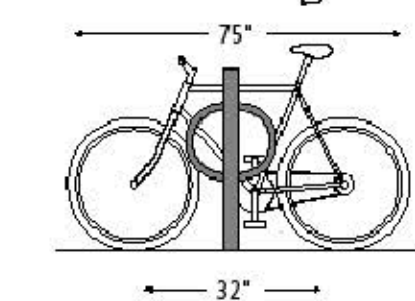
Capacity: 2 Bikes

Materials: Centebars: 2" schedule 40 pipe (2.375" OD)
Ring: 1.5" OD 11 gauge tube

Finishes: An after fabrication hot dipped galvanized finish is standard. 250 TIG powder coat color, a thermoplastic coating and a stainless steel option are also available.

Our powder coat finish assures a high level of adhesion and durability by following these steps:
1. Sandblast
2. Iron phosphate pretreatment
3. Epoxy primer electrostatically applied
4. Final thick TIG powder coat

Stainless Steel 304 grade stainless steel material finished in either a high polished shine or a satin finish.
A rubbery PVC Dip is also available.



Installation Methods: In-ground mount is embedded into concrete base. Surface mount has one 5" x 4" foot which is anchored to the ground with four anchors (included with rack).

Space Use and Setbacks: Wall Setbacks: For racks set parallel to a wall: Minimum: 12" Recommended: 24" For racks set perpendicular to a wall: Minimum: 35" (centerline measurement) Recommended: 38" 154" if aisle is needed between bike and wall

Distance Between Racks: Minimum: 24" Recommended: 38"

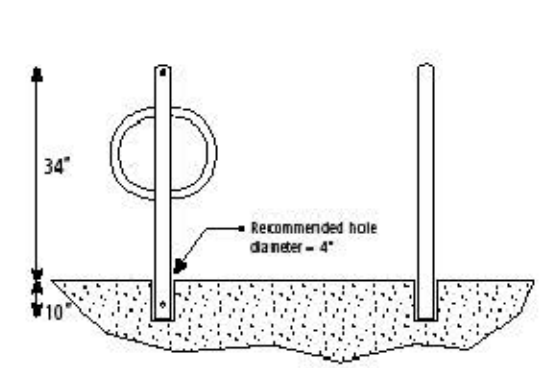
Street Setbacks: Minimum: 36"



BIKE HITCH - SPECIFICATIONS AND SPACE USE
N.T.S.

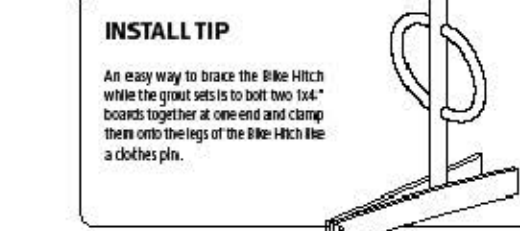
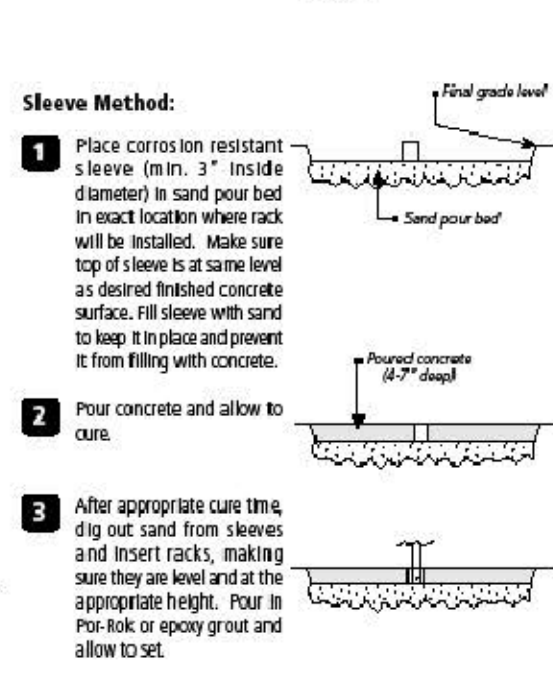
Tools needed for installation: Lead Cement mixing tub Shovel Trowel Hole cutting machine with 4" bit Access to water hose Materials to build brace (see "Install Tip" at bottom of page)

Installing into Existing Sidewalk: Core holes no less than 3" diameter (4" recommended) and no less than 6" deep into sidewalk. Place bike hitch into hole making sure the rack is level. Fill hole with concrete or epoxy grout. 3/4" OD of the bike hitch should remain above the surface. Make sure hitch is level and hold in place until the grout has completely set.



Installing into a New Sidewalk: **Stake Method:** 1. Use rack to measure exact location in your bed. 2. Found stake into pour bed where end of rack will sit. Slide cast and onto stake. You may need to dig the end of the rack into the sand to make sure the rack sits at least 35" above final grade level. The stake keeps the rack straight while the concrete is being poured. 3. Make sure the rack is level and true. Pour concrete around the rack. Make sure the rack is not touched until the concrete has completely set.

Sleeve Method: 1. Place corrosion resistant sleeve (min. 3" inside diameter) in sand pour bed in exact location where rack will be installed. Make sure top of sleeve is at same level as desired finished concrete surface. Fill sleeve with sand to keep it in place and prevent it from filling with concrete. 2. Pour concrete and allow to cure. 3. After appropriate cure time, dig out sand from sleeves and insert racks, making sure they are level and at the appropriate height. Pour in Por-bak or epoxy grout and allow to set.

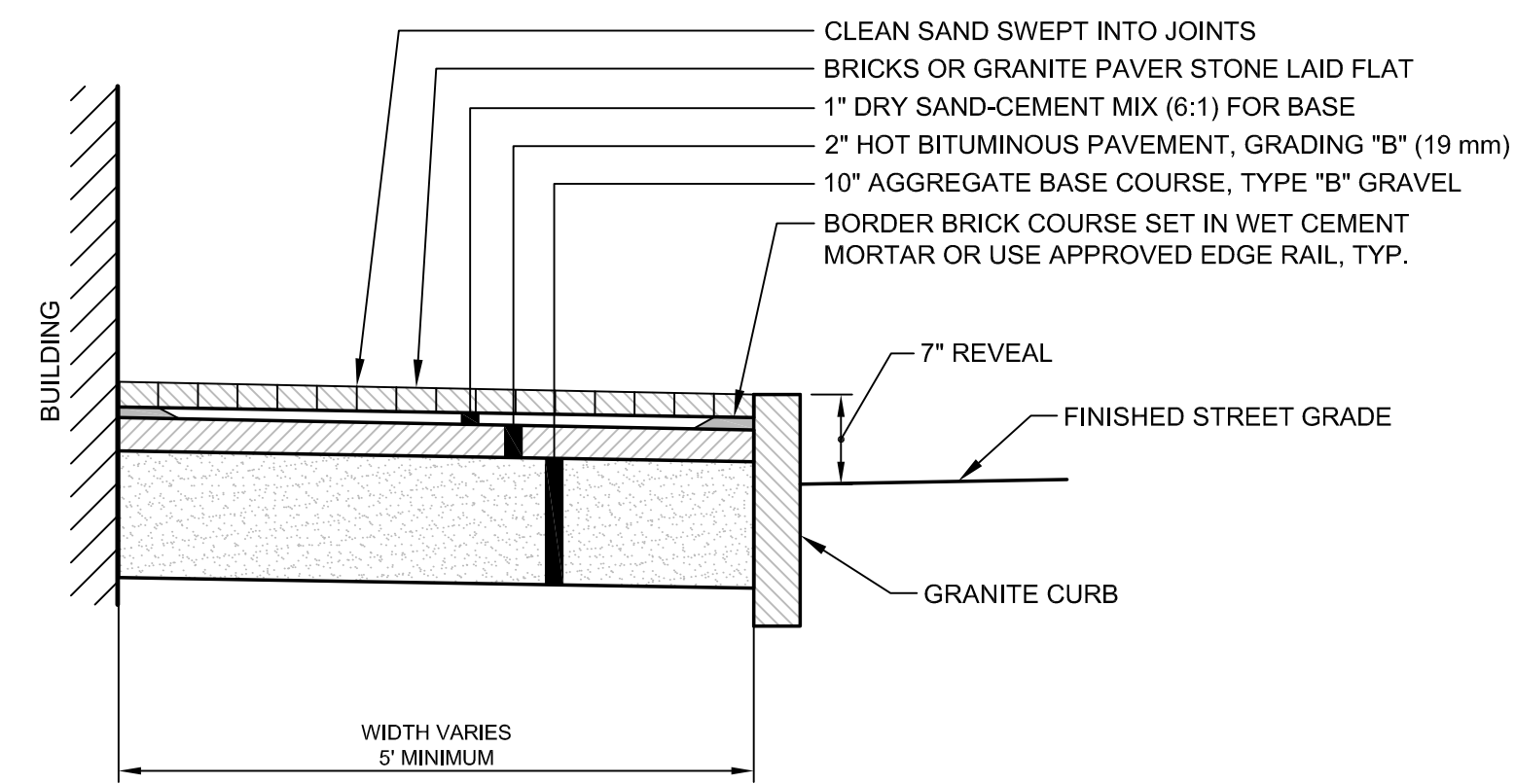


BIKE HITCH - IN-GROUND INSTALLATION INSTRUCTIONS
N.T.S.

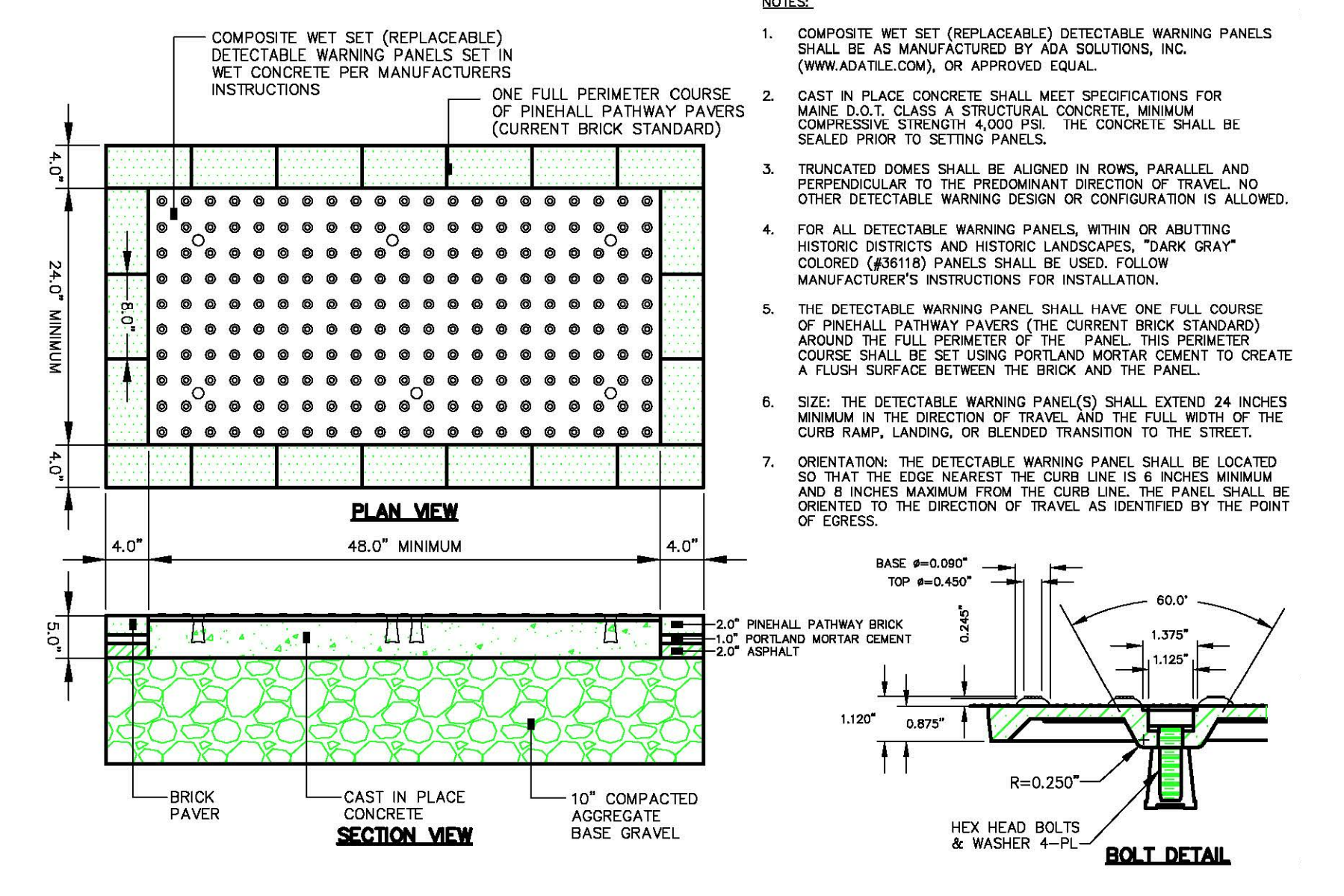
BRICKS TO BE USED:

NEW CONSTRUCTION: 4" x 8" PINE HALL PATHWAY PAVER BRICK; MFG. BY PINE HALL BRICK CO., MADISON, NORTH CAROLINA. LACHANCE ITEM # 193623, PINE HALL PATHWAY PAVER BRICK.

REPAIR / MAINTENANCE TO EXISTING BRICK SIDEWALKS: VERMONT PAVER; SUPPLIED BY GAGNE AND SONS. SPECIFICATION NUMBER: "VERMONT BACKER BRICK", ITEM NUMBER # VB88.



BRICK SIDEWALK WITH BITUMINOUS BASE
N.T.S.



SIDEWALK RAMP DETECTABLE WARNING PANEL (HISTORIC DISTRICTS AND LANDSCAPES)
N.T.S.

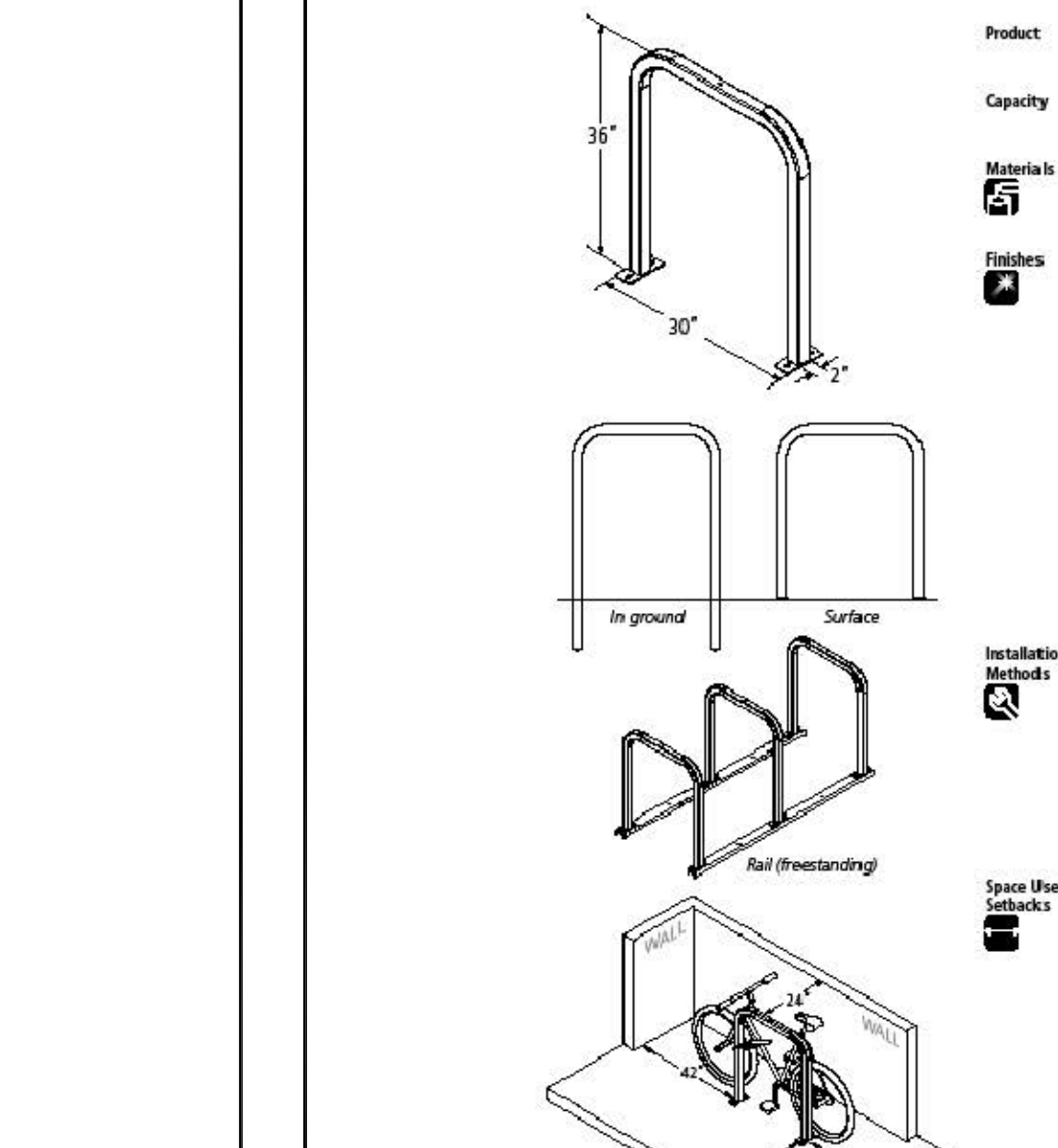
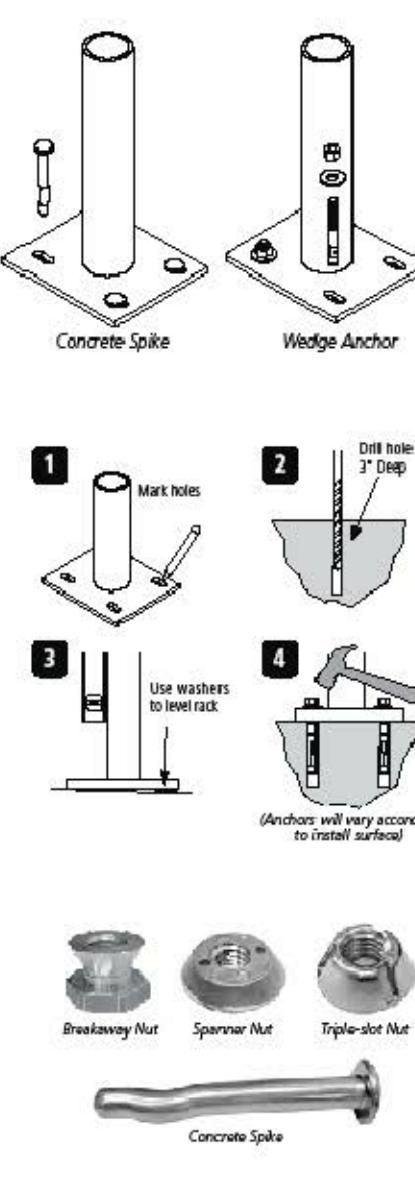
Tools Needed for Installation: Tape Measure Marker or Pencil Masonry Drill Bit Drill (planner drill recommended) Hammer Wrench 9/16" Level Washers (for leveling if necessary)

Recommended Base Materials: Solid concrete is the best base material for installation. Ask your Dero Rack representative which anchor is appropriate for your application to ensure the proper anchors are shipped with your rack. No use anything underneath the base material that could be damaged by drilling.

Installation: 3/8" anchors are shipped with the rack. Place the rack in the desired location. Use a marker or pencil to outline the holes of the flange onto the base material. Drill the holes in accordance with the specifications shipped with the anchors. Make sure the holes are at least 6" away from any cracks in the base material.

Tamper Resistant Fasteners: The concrete spike is a permanent anchor. The top of the wedge anchor can also be pounded sideways after installation so that it cannot be removed. Other tamper resistant fasteners are also available for purchase. When using the special tamper resistant nuts, always set and first tighten the anchors. Once the rack is installed, replace two nuts from the bracket (opposite sides from each other) with the tamper resistant fastener. DO NOT OVERTIGHTEN the tamper resistant nut.

If you have any questions about installation or other features of the Dero Bike Rack, please call us toll free at 1-800-208-4915



Product: Dero Downtown Rack
As manufactured by Dero Bike Racks

Capacity: 2 Bikes

Materials: 2" x 2" x 3/16" tube

Finishes: An after fabrication hot dipped galvanized finish is standard. 250 TIG powder coat color, a thermoplastic coating and a stainless steel option are also available.

Our powder coat finish assures a high level of adhesion and durability by following these steps:
1. Sandblast
2. Iron phosphate pretreatment
3. Epoxy primer electrostatically applied
4. Final thick TIG powder coat

Stainless Steel 304 grade stainless steel material finished in either a high polished shine or a satin finish.
A rubbery PVC Dip is also available.

Installation Methods: In ground mount is embedded into concrete base. Specify in ground mount for this option. Foot Mount has two 2.5"x6"x.25" feet with two anchors per foot. Specify foot mount for this option. Rail Mounted Downtown Racks are bolted to two parallel rails which can be left freestanding or anchored to the ground. Rails are heavy duty 3"x1.4"x.16" thick galvanized mounting rails. Specify rail mount for this option.

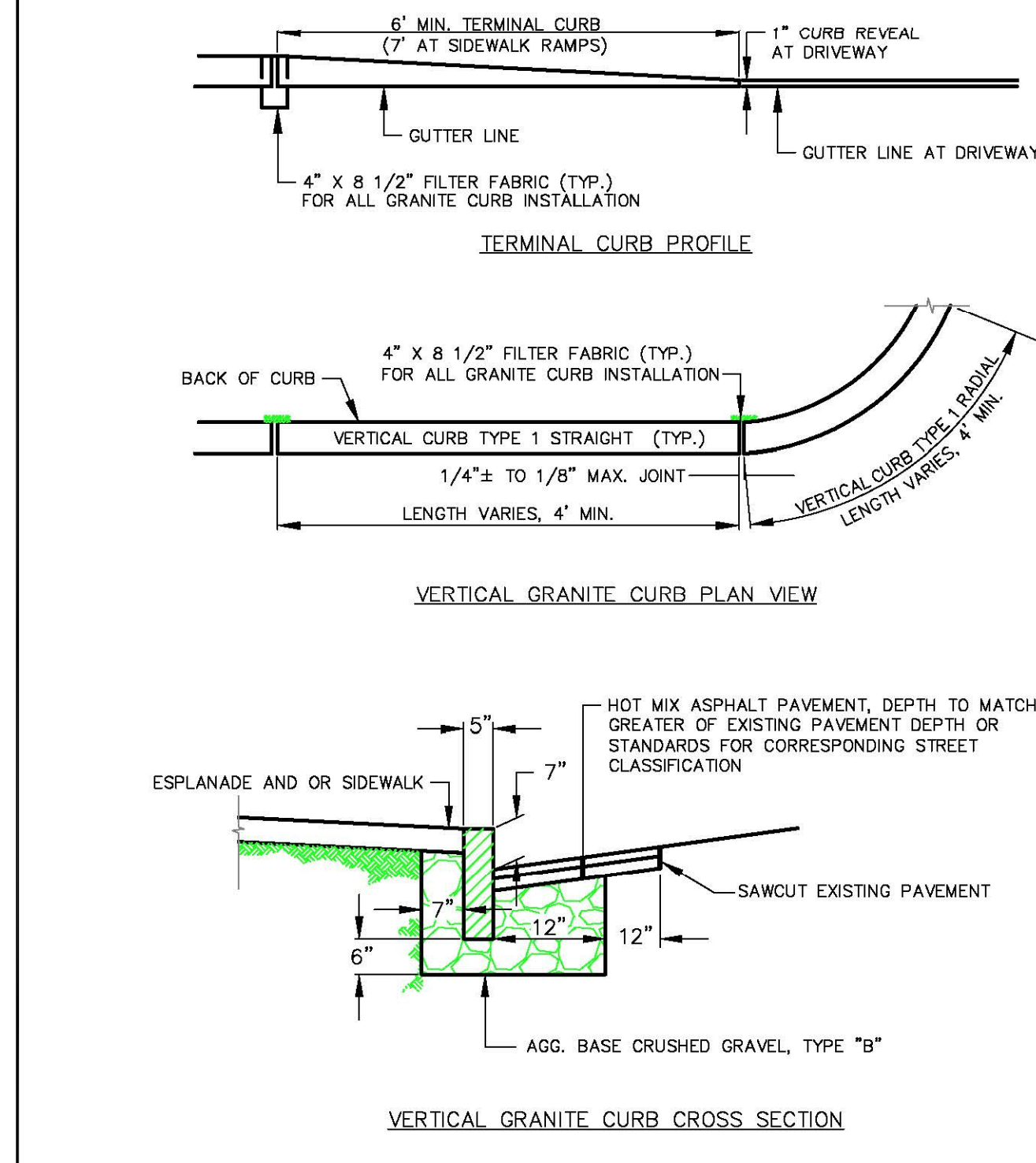
Space Use and Setbacks: Wall Setbacks: For racks set parallel to a wall: Minimum: 24" Recommended: 38" For racks set perpendicular to a wall: Minimum: 24" Recommended: 42" Distance Between Racks: Minimum: 24" Recommended: 38" Street Setbacks: Minimum: 24" Recommended: 38"



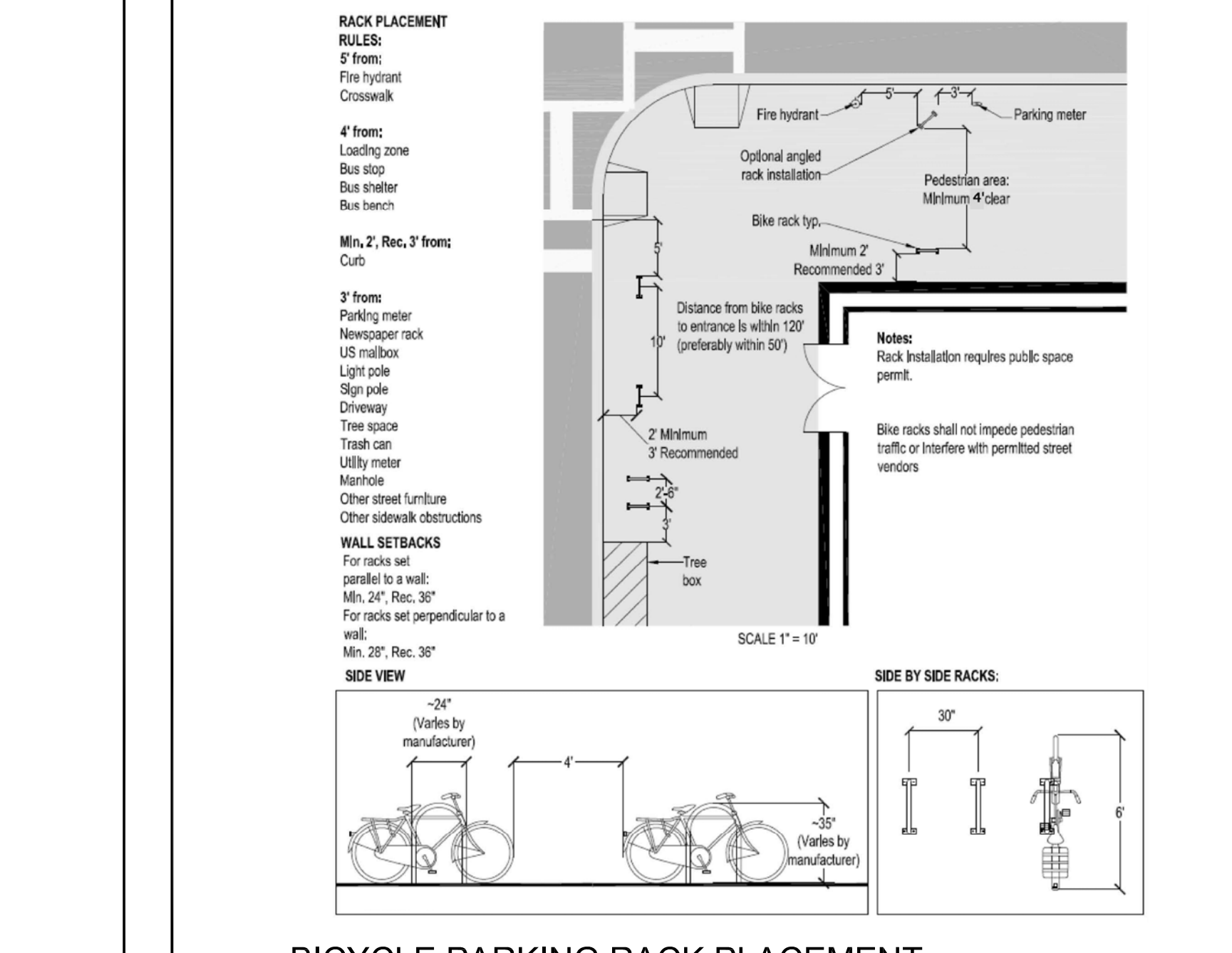
BIKE HITCH - INSTALLATION INSTRUCTIONS SURFACE MOUNT
N.T.S.



BIKE HITCH - SPECIFICATIONS AND SPACE USE - DOWNTOWN RACK
N.T.S.



VERTICAL GRANITE CURB INSTALLATION IN EXISTING STREETS
N.T.S.



BICYCLE PARKING RACK PLACEMENT
N.T.S.

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Date: SEPT. 2012	Scale: AS NOTED	



DETAILS C-4.1