



# **Rolling** Rack

The graceful design and high security of the Rolling Rack has made this type of bike rack a standard for many schools and communities. The Rolling Rack can be used as a single-sided or double-sided parking bike rack. This rack uses thick pipe construction and allows for one of the wheels and frame to be secured using a u-style bike lock.

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# **Rolling** Rack

## Just your size.

The Rolling Rack is available in 4 lengths to meet your bike parking capacity needs.

**RR2H**
38”
5 Bikes

**RR3H**
63”
7 Bikes

**RR4H**
87”
9 Bikes

**RR5H**
111”
11 Bikes





Tamper-resistant fasteners available upon request

## FINISH OPTIONS

### Galvanized



### Stainless



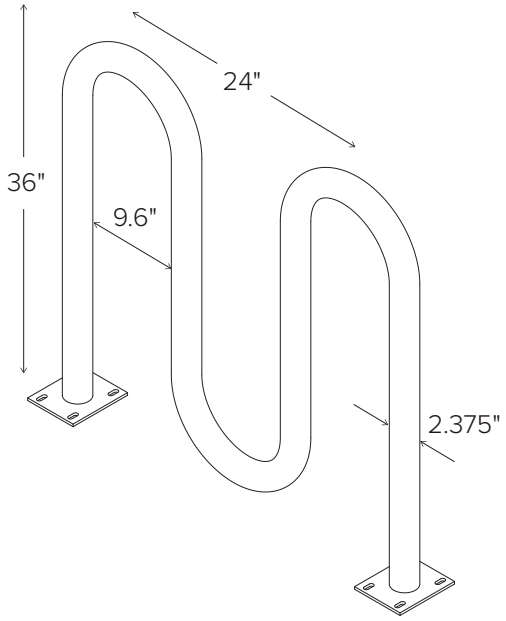
### Powder Coat

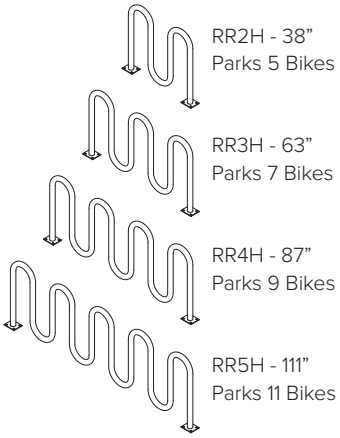
- White
- Black
- Light Gray RAL 7042
- Deep Red RAL 3003
- Yellow RAL 1023
- CNH Bright Yellow
- Orange RAL 2004
- Beige RAL 1001
- Iron Gray RAL 7011
- Hunter Green RAL 6005
- Light Green RAL 6018
- Green RAL 6016
- Sepia Brown RAL 8014
- Blue RAL 5005
- Sky Blue RAL 5015
- Dark Purple
- Flat Black
- Wine Red RAL 3005
- Bronze
- Silver RAL 9007

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DERO A PLAYCORE Company | **Rolling** Rack

# Submittal Sheet

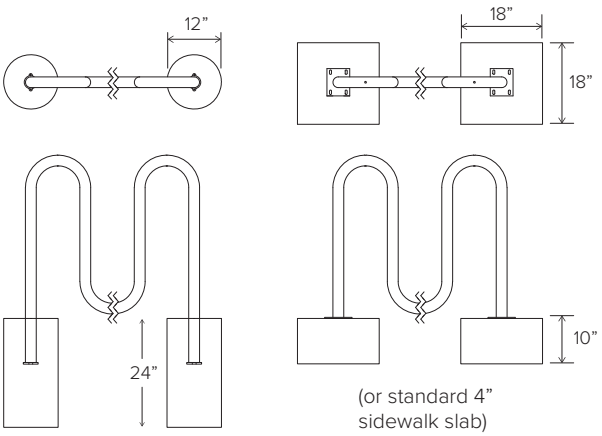



FOOTING DIAGRAMS

IN-GROUND MOUNT

SURFACE MOUNT




**CAPACITY**

**RR2H:** 5 Bikes
**RR3H:** 7 Bikes
**RR4H:** 9 Bikes
**RR5H:** 11 Bikes

**MATERIALS**

2” schedule 40 pipe (2.375” OD)

**FINISHES**

☐ **Galvanized**
An after fabrication hot dipped galvanized finish is our standard option.

☐ **Powder Coat**
Our powder coat finish assures a high level of adhesion and durability by following these steps:
1. Sandblast
2. Epoxy primer electrostatically applied
3. Final thick TGIC polyester powder coat

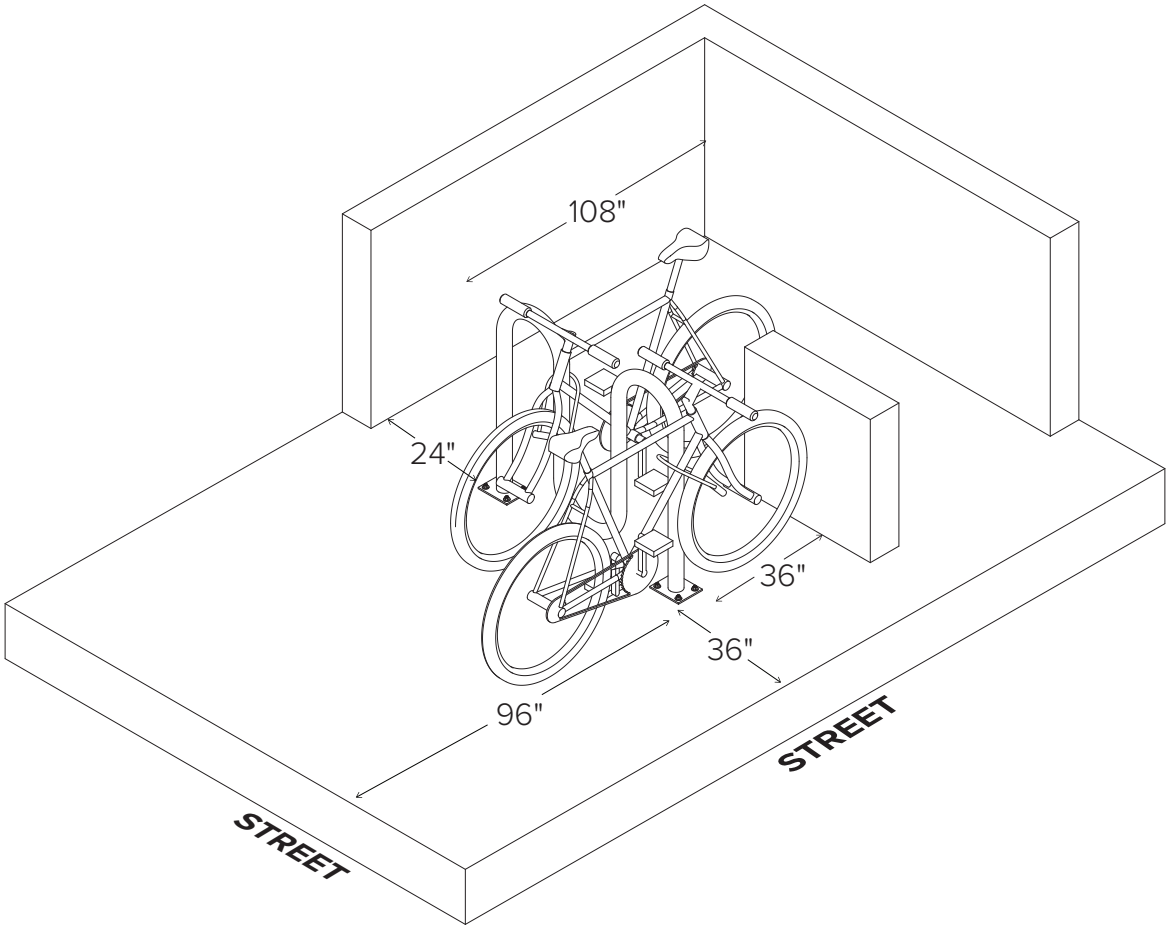
☐ **Stainless**
Stainless Steel: 304 grade stainless steel material finished in either a high polished shine or a satin finish.

**MOUNT OPTIONS**

☐ **Surface**
Foot Mount has two 5” x 6” x .25” feet with four anchors per foot. Specify foot mount for this option. Tamper-resistant fasteners available upon request.

☐ **In-Ground**
In-ground mount is embedded into concrete base. Specify in-ground mount for this option

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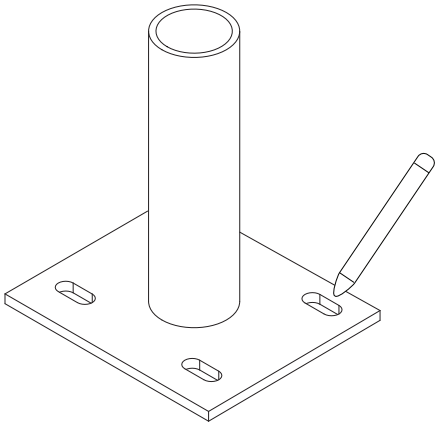
## TOOLS NEEDED

Marker or Pencil
Masonry Drill Bit 3/8”
Drill (Hammer drill recommended)
Hammer
Wrench 9/16”
Level

## RECOMMENDED BASE MATERIAL

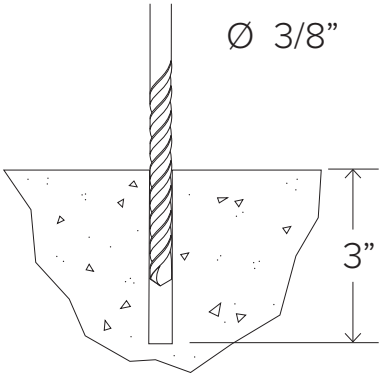
Solid concrete is the best base material for installation. To ensure the proper anchors are shipped with your rack, ask your Dero Rack representative which anchor is appropriate for your application. Be sure nothing is underneath the base material that could be damaged by drilling.

**1**



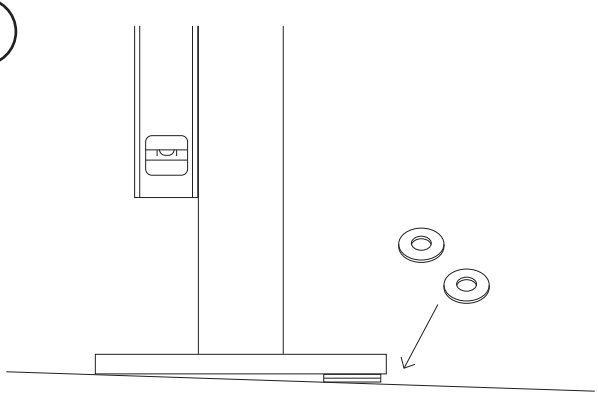
Place the rack in the desired location. Use a marker or pencil to outline the holes of the flange onto the base material.

**2**



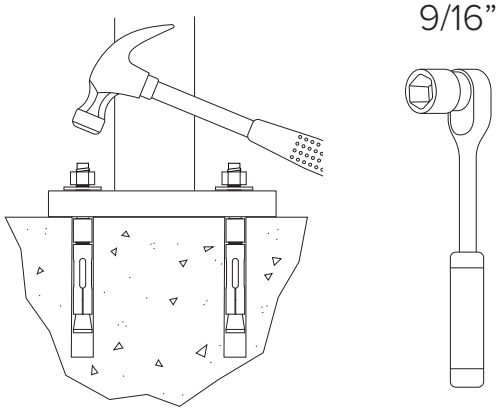

Drill 3/8” diameter holes 3” deep into surface. Make sure the holes are at least 3” away from any cracks in the base material.

**3**



Place rack (and washers to level rack if necessary) over holes.

**4**



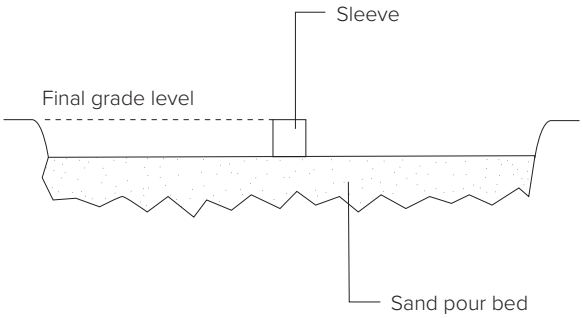

Thread nuts onto anchors, leaving approximately 1/4” of the anchor protruding, and tap into surface. Tighten nuts down to secure rack.

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## TOOLS NEEDED

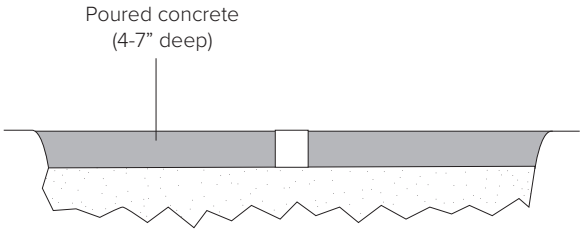
Level
Cement mixing tub
Shovel
Trowel
Corrosion-Resistant Sleeve (min. 3” diameter)
Materials to build brace (see “Install Tip” at bottom of page)

**1**



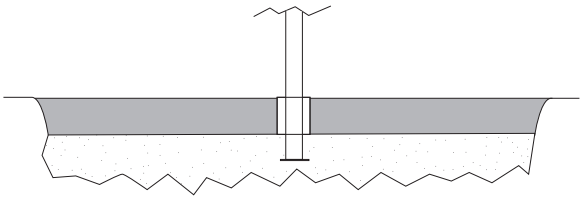

Place corrosion resistant sleeve (min. 3” inside diameter) in sand pour bed in exact location where rack will be installed. Make sure top of sleeve is at same level as desired finished concrete surface. Fill sleeve with sand to keep it in place and prevent it from filling with concrete.

**2**



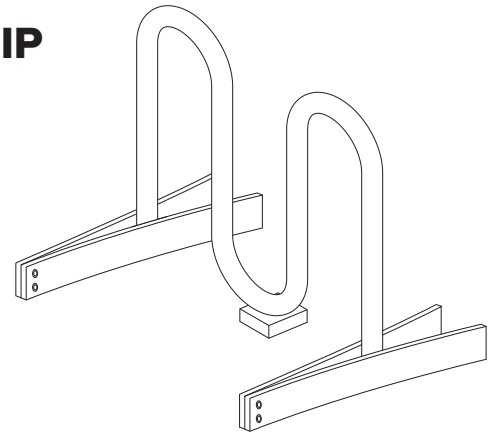

Pour concrete and allow to cure.

**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 Super Por-Rok or epoxy grout and allow to set.

**TIP**



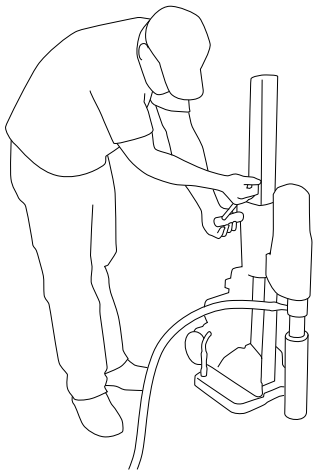
An easy way to brace the rack while the grout sets is to bolt two 1x4” boards together at one end and clamp them onto the rack like a clothes pin.

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## TOOLS NEEDED

Level
Cement mixing tub
Shovel
Access to water hose
Trowel
Hole coring machine with 4” bit
Materials to build brace (see “Install Tip” at bottom of page)

**1**

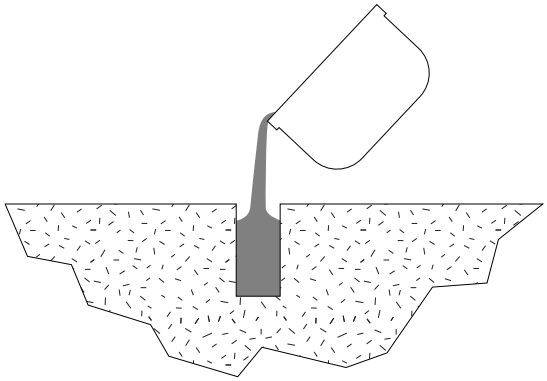


Ø 4” min.

↧ 10” min.

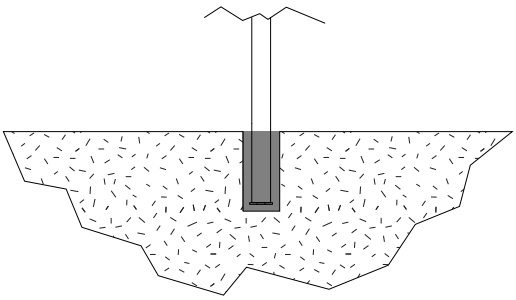
Core holes no less than 3” diameter (4” recommended) and no less than 10” deep into sidewalk.

**2**



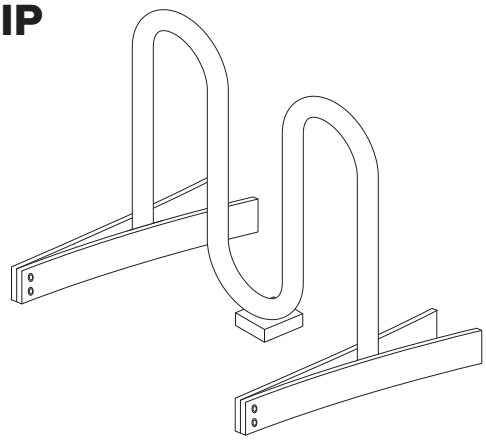
Fill holes with Super Por-Rok or epoxy grout.

**3**



Place rack into holes, making sure the rack is level until the grout has set. 33”-36” of the rack should remain above the surface.

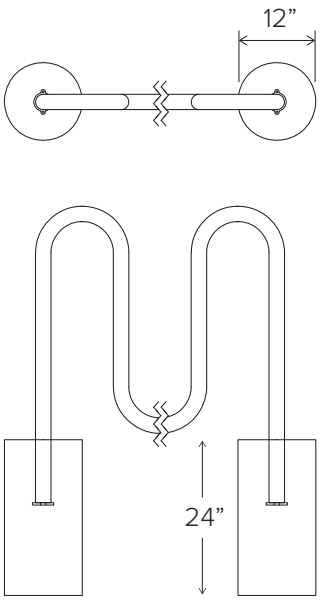
**TIP**



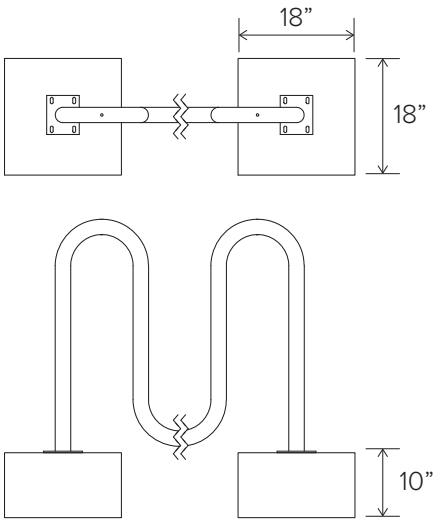
An easy way to brace the rack while the grout sets is to bolt two 1x4” boards together at one end and clamp them onto the legs of the rack like a clothes pin.

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IN-GROUND MOUNT




SURFACE MOUNT




(or standard 4” sidewalk slab)

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