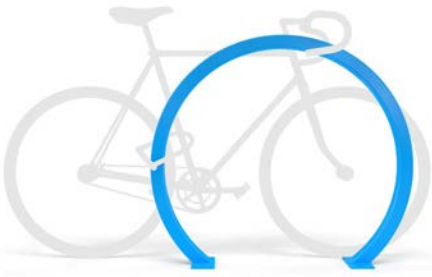
DERO
A PLAYCORE Company





Arc Rack™

Elegant and practical: the Dero Arc Rack parks bicycles with additional flair when more than a plain rack is needed. Square tubing provides function and style with clean geometric lines and resistance to pipe-cutters – a tool of choice among bike thieves. Parks two bikes.

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Arc Rack™

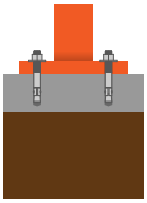






MOUNT OPTIONS

Surface



In-Ground



Tamper-resistant fasteners available for an additional cost



OPTIONAL LEAN BAR

for ADA cane-detection compliance

FINISH OPTIONS

Galvanized



Stainless



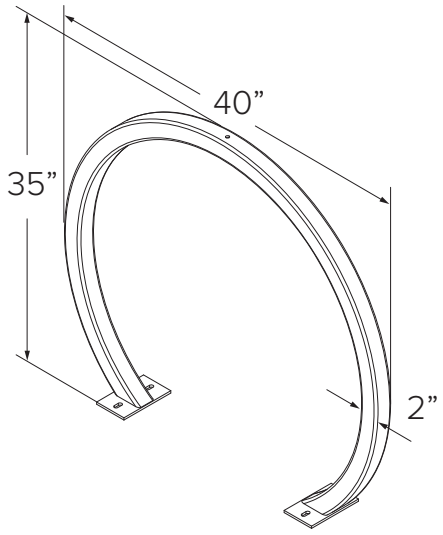
Powder Coat

- 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

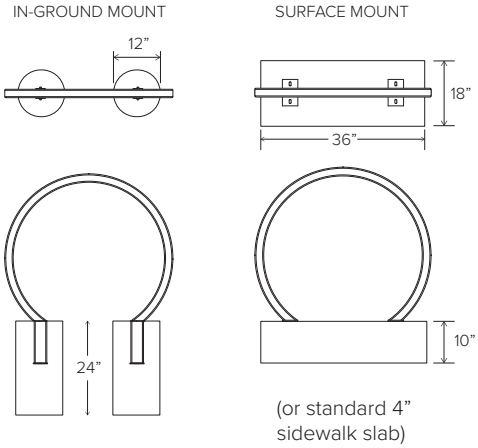
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DERO A PLAYCORE Company | **Arc** Rack™

Submittal Sheet



FOOTING DIAGRAMS



(or standard 4” sidewalk slab)

CAPACITY 2 Bikes

MATERIALS 2” x 2” x 11g square tube

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. Chemically cleaned and treated for corrosion reduction
2. Epoxy primer electrostatically applied
3. Final thick TGIC polyester powder coat

☐ **Stainless**
Stainless Steel: 304 grade stainless steel material in a satin finish, high polished shine, or powder coat over unpolished stainless.

- ☐ Satin Finish (#4) - Brushed (Our standard)
- ☐ Electropolished - High Polished Shine
- ☐ Powder Coat over Unpolished Stainless

MOUNT OPTIONS

☐ **Surface**
Foot Mount has two 2.5” x 6” x .25” feet with two 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

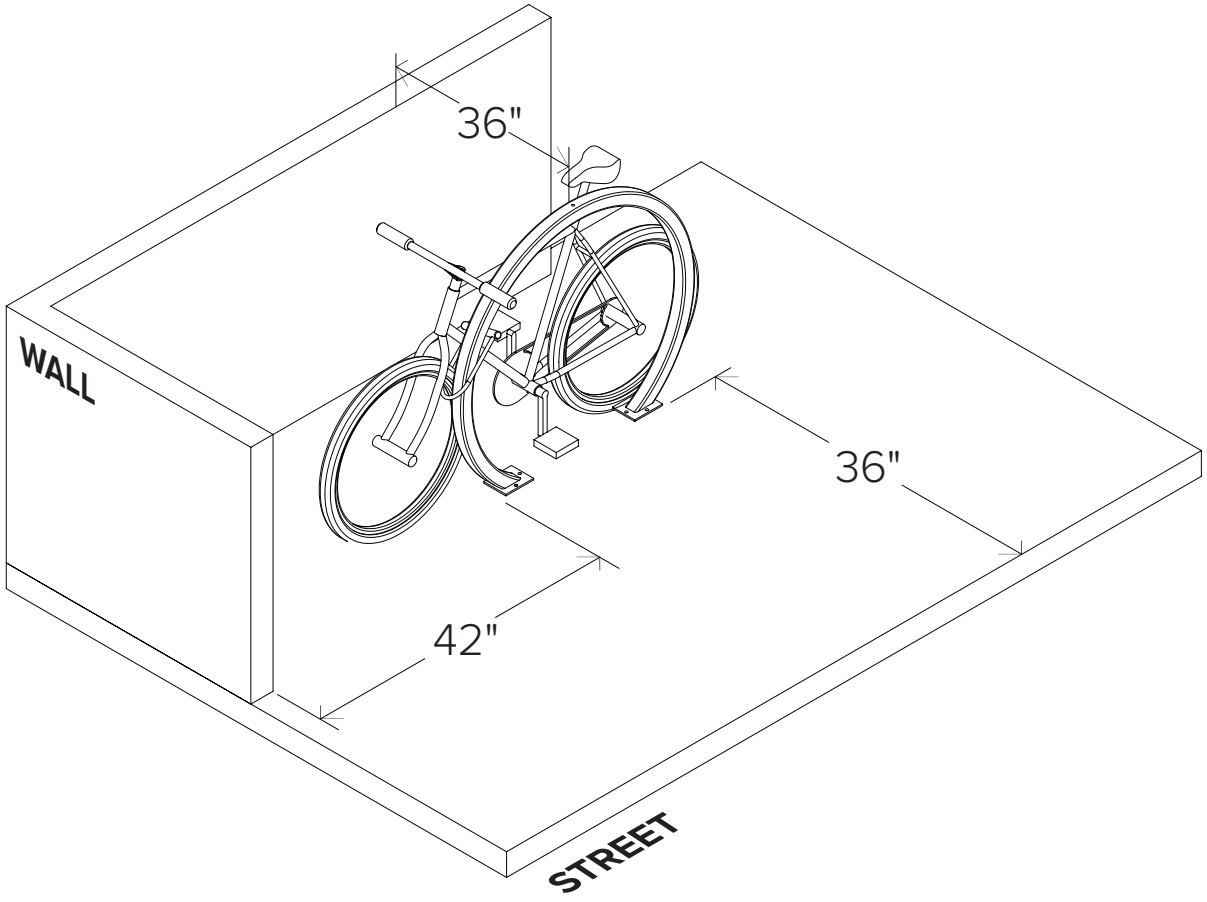
OPTIONAL LEAN BAR

☐ **Add Lean Bar**
Lean bar ensures rack meets ADA requirements for cane-detection



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Setbacks



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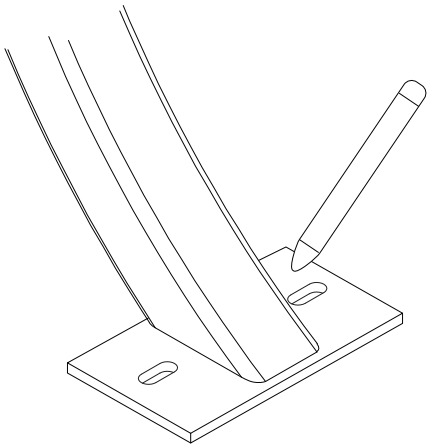
TOOLS NEEDED

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

RECOMMENDED BASE MATERIAL

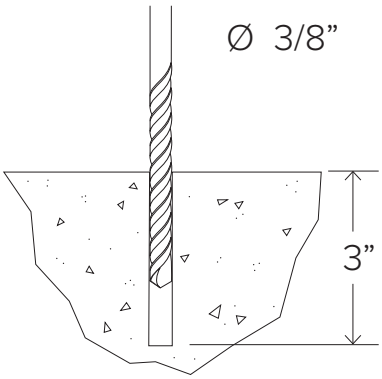
Solid concrete is the best base material for installation. To ensure the proper anchors are shipped with your rack, ask your Dero Rack representative which anchor is appropriate for your application. Be sure nothing is underneath the base material that could be damaged by drilling.

1



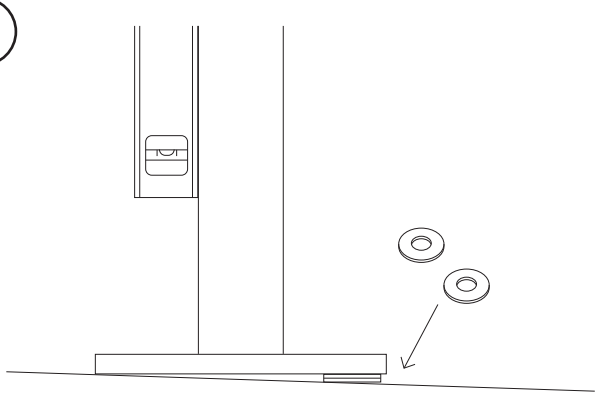
Place the rack in the desired location. Use a marker or pencil to outline the holes of the flange onto the base material.

2



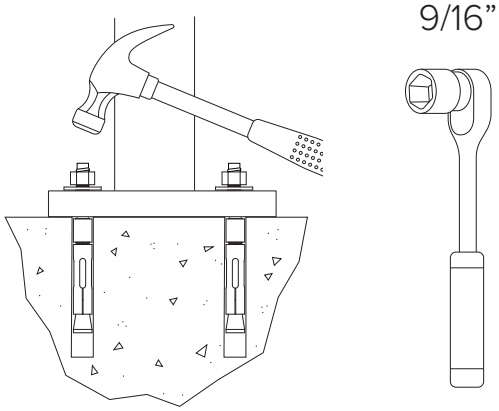
Drill 3/8” diameter holes 3” deep into surface. Make sure the holes are at least 3” away from any cracks in the base material.

3



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

4



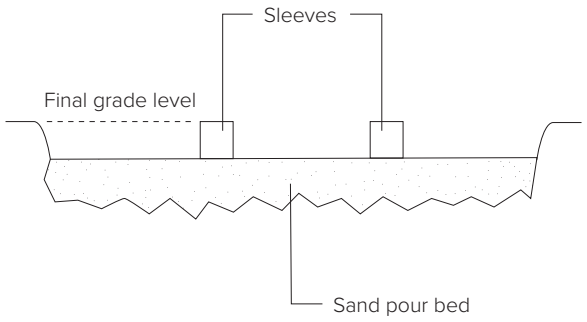
Thread nuts onto anchors, leaving approximately 1/4” of the anchor protruding, and tap into surface. Tighten nuts down to secure rack.

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TOOLS NEEDED

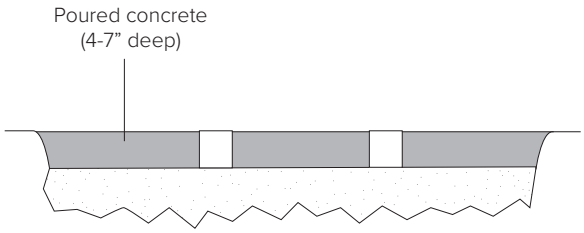
Level
Cement mixing tub
Shovel
Trowel
Corrosion-Resistant Sleeve (min. 4” diameter)
Materials to build brace (see “Install Tip” at bottom of page)

1



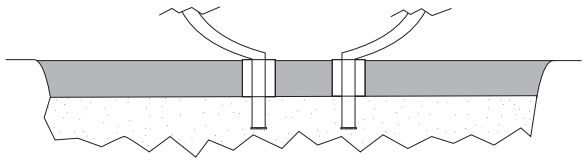
Place corrosion resistant sleeve (min. 4” inside diameter) in sand pour bed in exact location where rack will be installed. Make sure top of sleeve is at same level as desired finished concrete surface. Fill sleeve with sand to keep it in place and prevent it from filling with concrete.

2



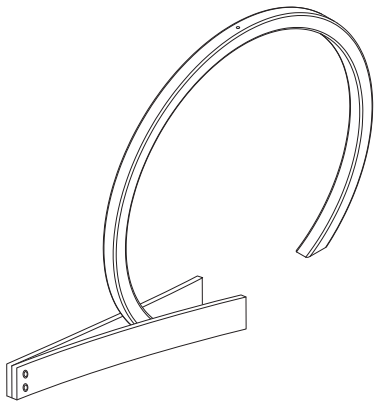
Pour concrete and allow to cure.

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



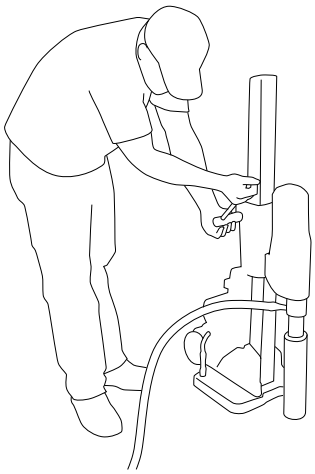
An easy way to brace the Arc Rack while the grout sets is to bolt two 1x4” boards together at one end and clamp them onto the legs of the Arc Rack like a clothes pin.

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TOOLS NEEDED

Level
Cement mixing tub
Shovel
Access to water hose
Trowel
Hole coring machine with 6” bit
Materials to build brace (see “Install Tip” at bottom of page)

1

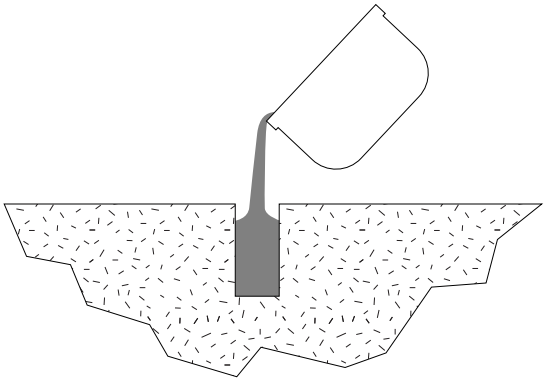


Ø 6” min.

↧ 11” min.

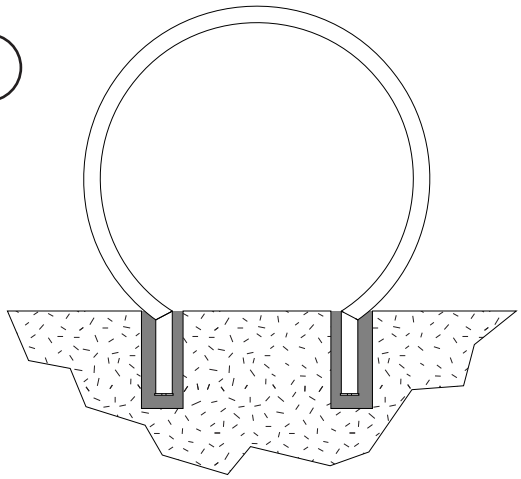
Core holes no less than 6” diameter and no less than 11” deep into sidewalk.

2



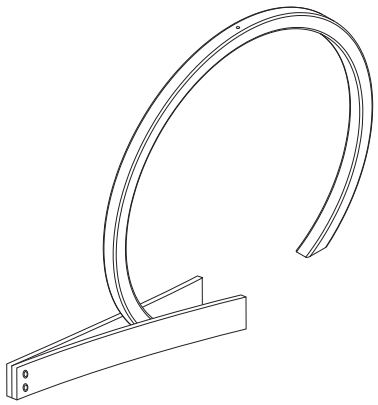
Fill holes with Super Por-Rok or epoxy grout.

3



Place Arc Rack into holes, making sure the rack is level until the grout has set. The welds at the base should be just bellow the surface.

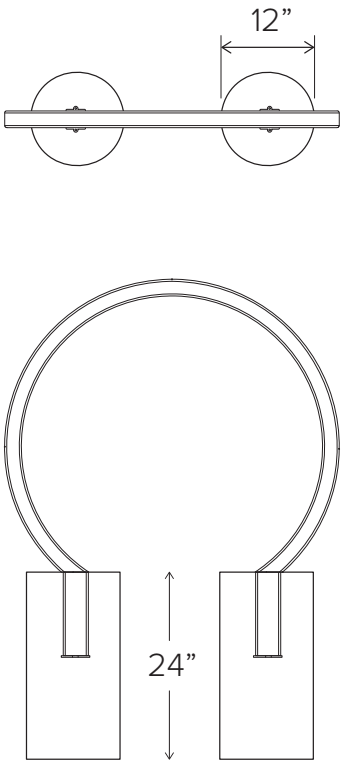
TIP



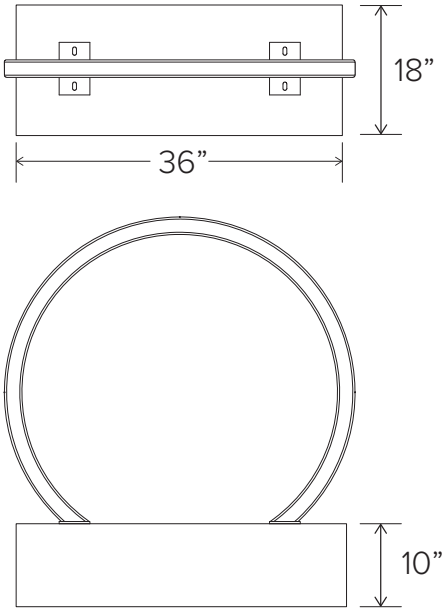
An easy way to brace the Arc Rack while the grout sets is to bolt two 1x4” boards together at one end and clamp them onto the legs of the Arc Rack like a clothes pin.

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IN-GROUND MOUNT



SURFACE MOUNT



(or standard 4” sidewalk slab)

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