



Patent #8,950,592

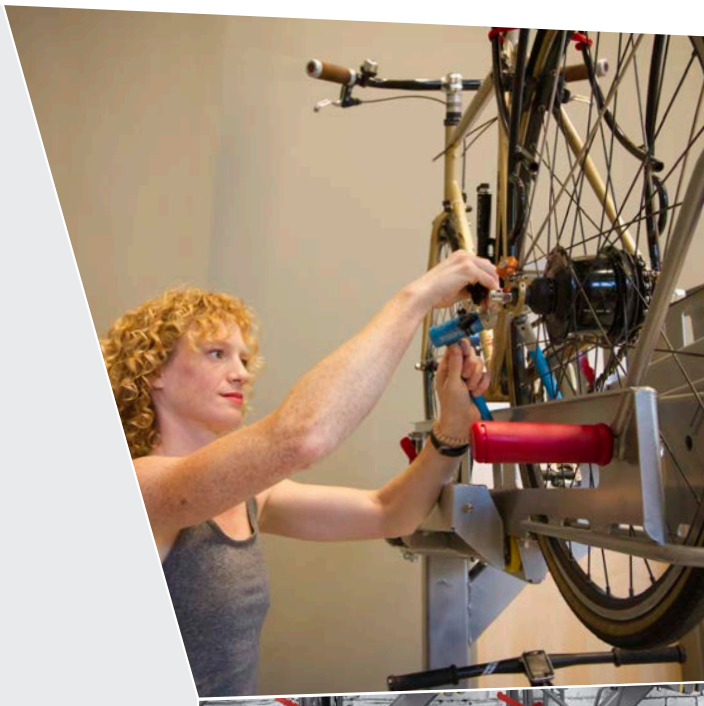
Dero **Decker**

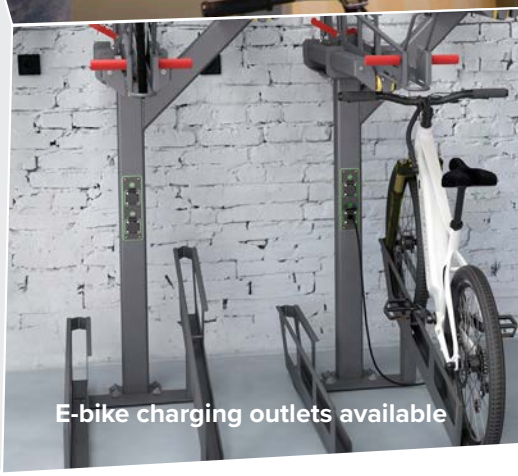
The Dero Decker takes bike parking to the next level. Unlike other two-tier systems our mechanical lift-assist top trays slide down inches from the ground, thus requiring only minimal lifting of the bike into the tray while saving valuable floor space. The Dero Decker has a front wheel safety locking lever and dampers to provide safe lowering of upper trays. Add the e-bike charging option to let users power up their ride while parked.

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Dero **Decker**







- Sturdy red handle grips
- Lift-assist trays *(weight limit 30lbs.)*
- Dampers for safe lowering of trays
- Spring loaded levers hold bikes firmly in place
- U-lock compatible
- E-bike charging option available *(lower level only)*
- Smooth and silent operation
- Simple installation
- Low maintenance
- Specially designed fat bike trays available *(lower level only. Recommended for e-bike charging option)*
- ADA cane-detectable extensions available for lower trays

FINISH OPTIONS

Galvanized



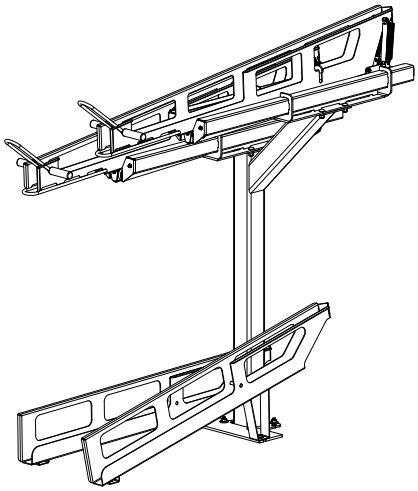
Powder Coat

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 **Decker**

Submittal Sheet



CAPACITY

4 Bikes per unit

MATERIALS

Uprights: 4” 11g square tube
Upright base: 1/4” plate
Cantilevers: 11g plate
Cantilever base: 1/4” plate
Trays: 11g plate

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

MOUNT OPTIONS

Surface only
Each upright has one 1/4” plate feet that accept 1/2” wedge anchors

E-BIKE CHARGING

☐ **Add Electrical Outlets**
For lower trays only (wider trays included). Wiring must be performed by a licensed electrician. Racks with electrical outlets must be installed in an area protected from rain and on a GFI circuit. The outlets provided are IP54 weatherproof and UL, CE certified. Consult local electrical codes for more detail.

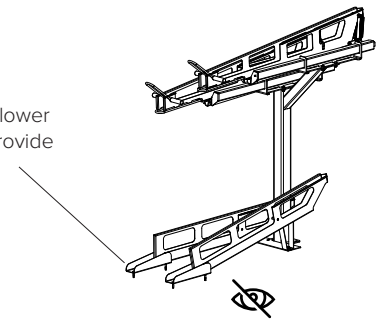
FAT BIKE TRAYS

☐ **Fat Bike Tray Option (Lower Level Only)**
Fat bike trays accommodate tires up to 5” wide. Standard trays accommodate tires up to 2.25” wide.

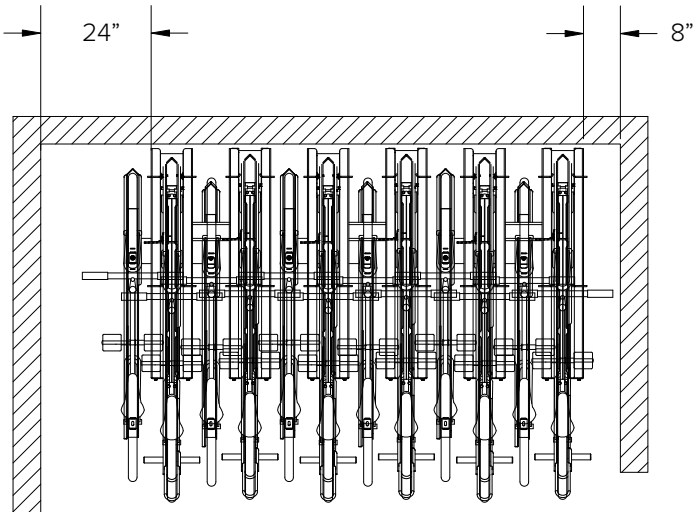
CANE STOPS

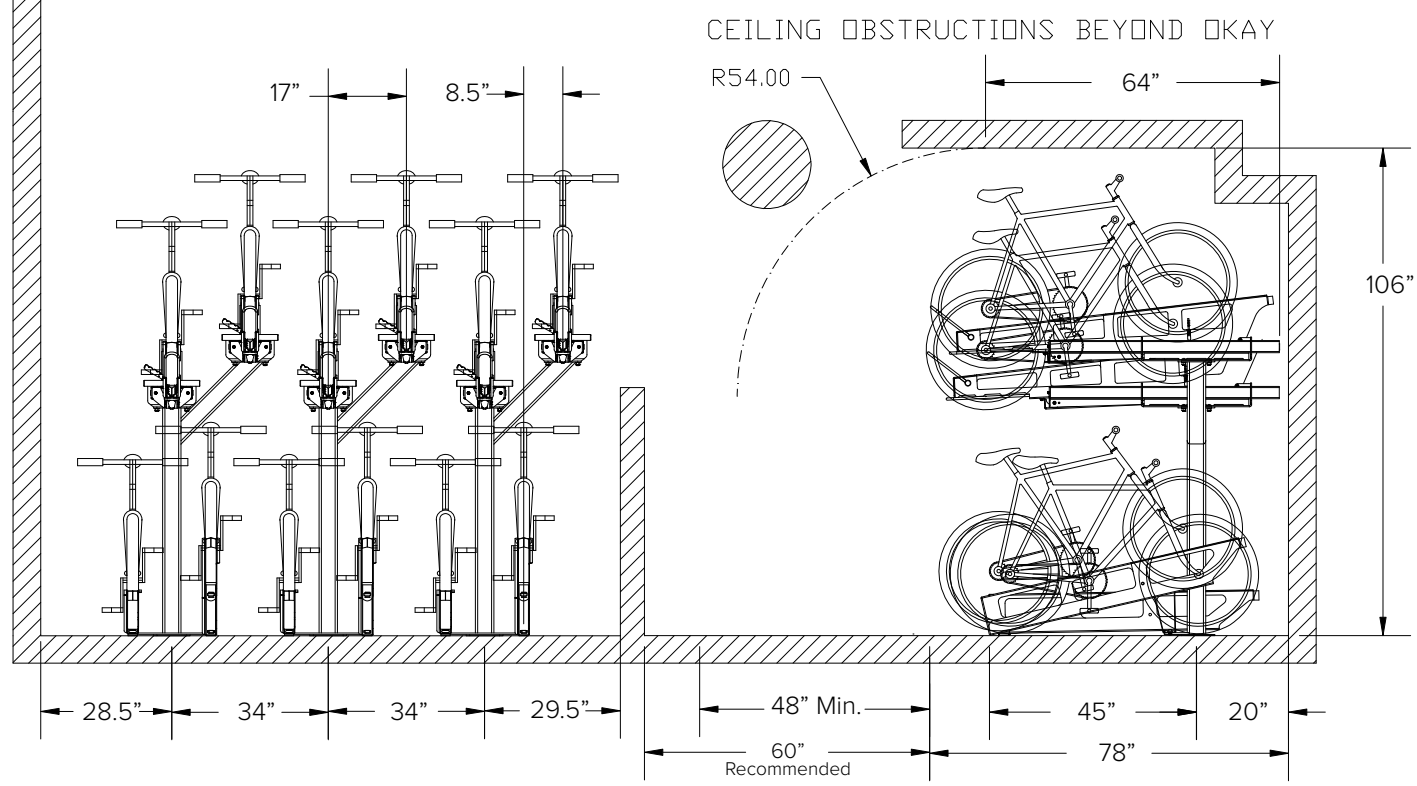
☐ **Add cane stops**
Available in galvanized or powder coat finish

Cane-detectable lower tray extensions provide improved safety.

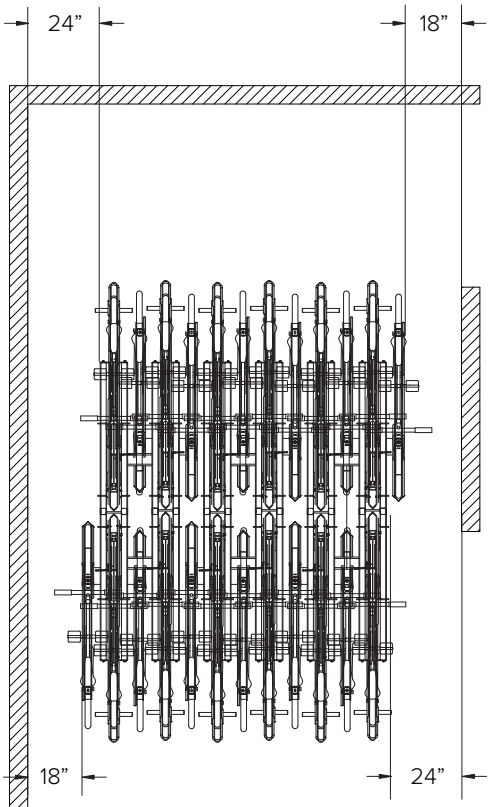


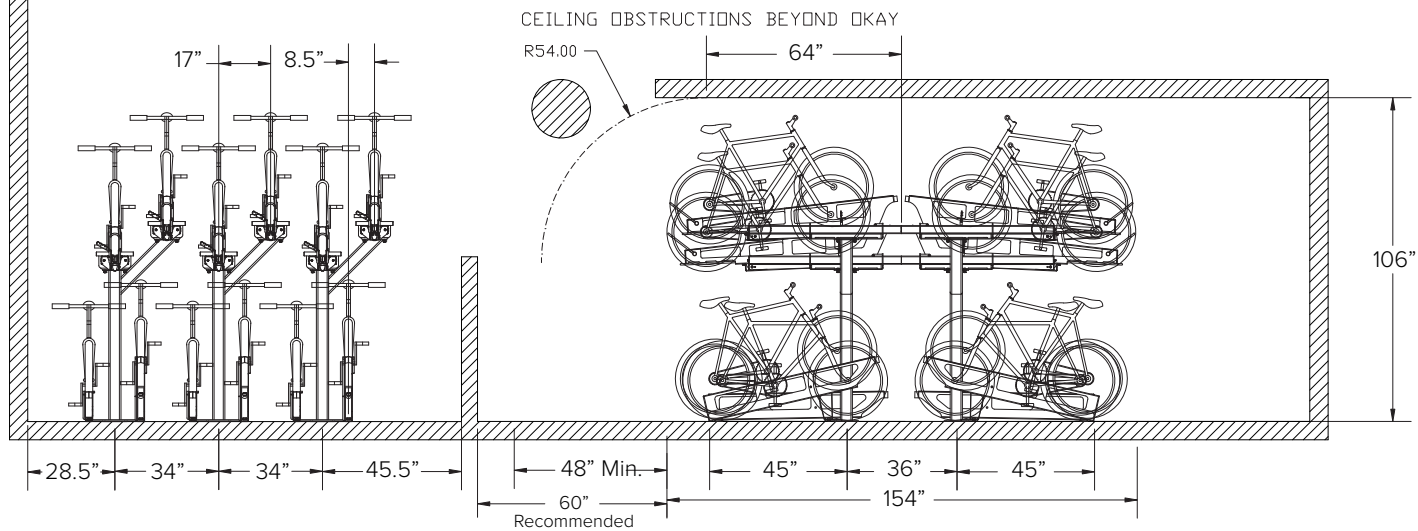
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24”
8”


CEILING OBSTRUCTIONS BEYOND OKAY
R54.00
64”
17”
8.5”
106”
28.5”
34”
34”
29.5”
48” Min.
45”
20”
60”
Recommended
78”

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24”
18”
18”
24”


CEILING OBSTRUCTIONS BEYOND OKAY
R54.00
17”
8.5”
64”
106”
28.5”
34”
34”
45.5”
48” Min.
45”
36”
45”
60”
Recommended
154”

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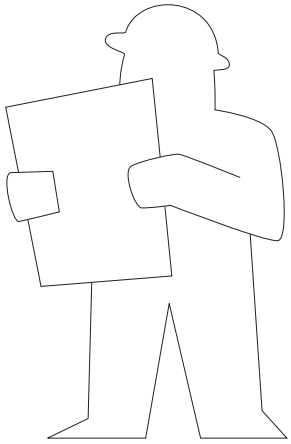
TOOLS NEEDED

Hammer drill
Masonry bit, 3/8”, 1/2”
Hammer
Socket wrench
Sockets, 9/16”, 3/4”
Socket extension, 4-6”
Hex wrench, 3/16”
Tape measure
Chalk line
Marker
Level

RECOMMENDED BASE MATERIAL

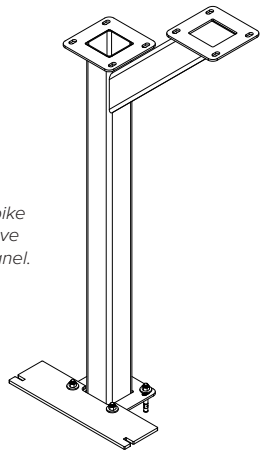
Solid concrete is the best base material for installation. To ensure the proper anchors are shipped with your racks, ask your Dero representative which anchor is appropriate for your application. Be sure nothing is underneath the base material that could be damaged by drilling.

1



Refer to setback diagrams before installation to ensure sufficient space. Installation surface must be concrete of suitable strength. If surface is not level, contact Dero representative for workable solution.

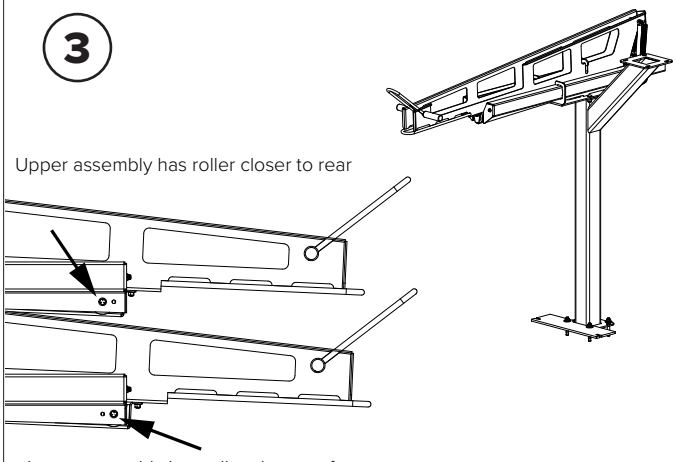
2



Note: Uprights with e-bike charging option will have rectangular hole for panel.

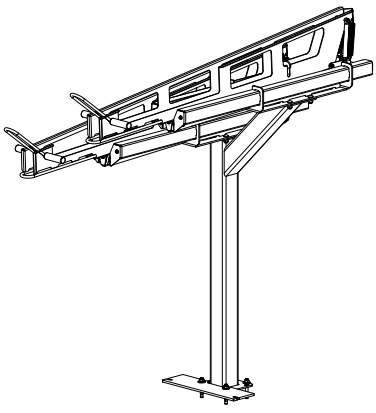
Place the Uprights in position and secure with (4) ½” x 3.75” wedge anchors. At least 1.25” of wedge anchor threads should remain above the concrete. The Lower Tray Mount should be placed on the front side of the Upright and secured with the existing wedge anchors.

3



Place the lower Cantilever Assembly on the lower Upright position and secure with (4) ½” x 1.25” carriage bolts, ½” washers, and ½” nylock nuts.

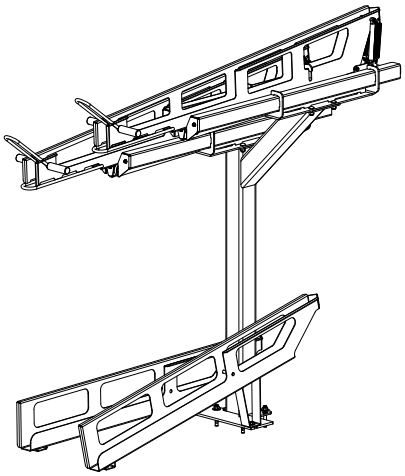
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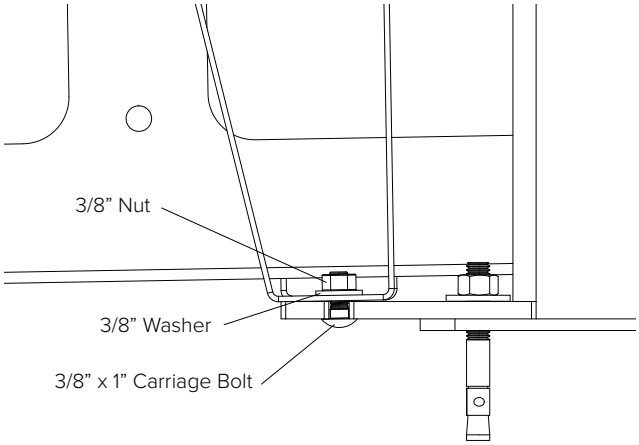


Do the same for the upper Cantilever Assembly.

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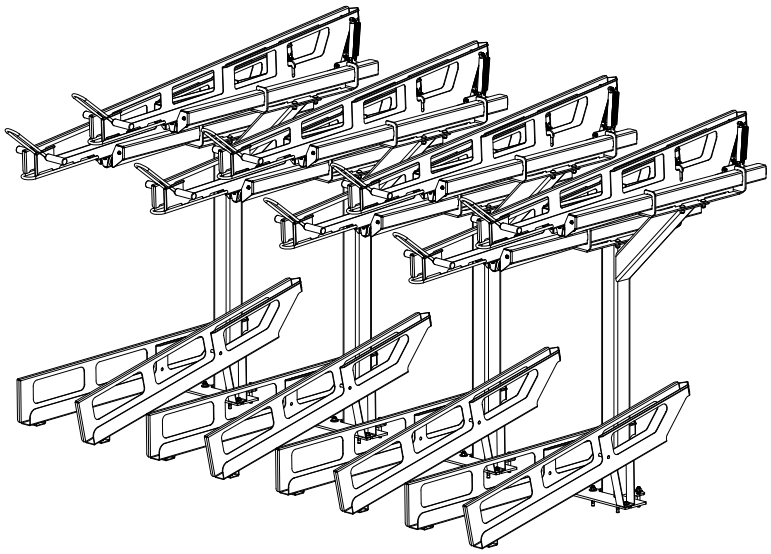
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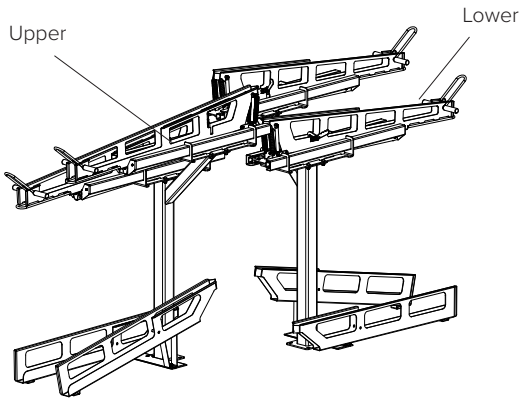




Place the bottom Lower and Upper Trays in position and secure at the rear with (1) 3/8” x 1” carriage bolt, 3/8” washer, and 3/8” nut each. Secure at the front with (1) 3/8” x 3” wedge anchor each.

6





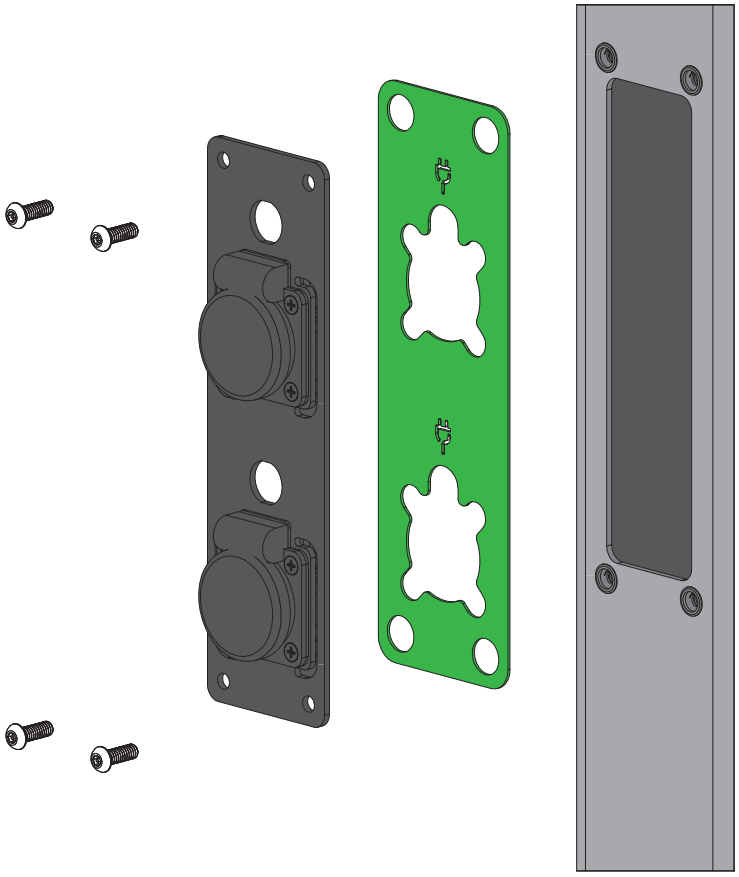
For double sided installations be sure to stagger the position of the units so that upper trays in one row face sit opposite lower trays in the other row.

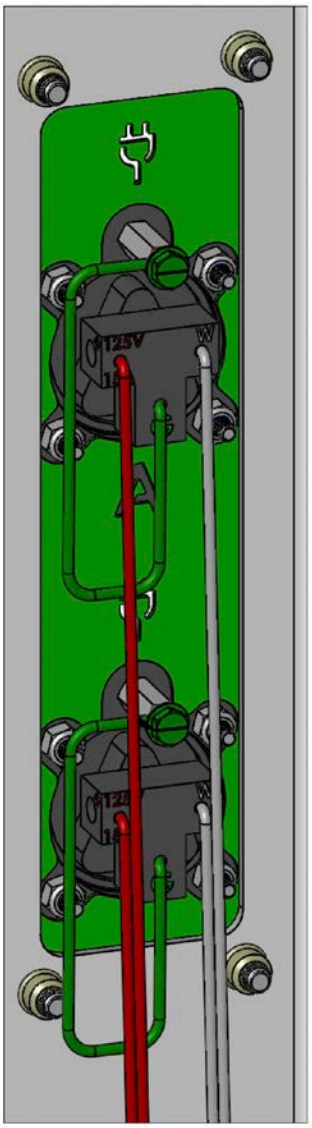
Continue to the next section and repeat the previous steps.

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All electrical wiring to be performed by a licensed electrician in accordance with NEC or the local electrical code.

1. Route electrical wires through the upright from the base.
2. Connect wires to receptacle
3. Attach ground wire to the ground nut directly above the receptacle
4. Fasten the receptacle assembly to the bike rack with (4) tamper-resistant screws.
5. Connect power and neutral wires to GFCI circuit breaker 125V/15A max.



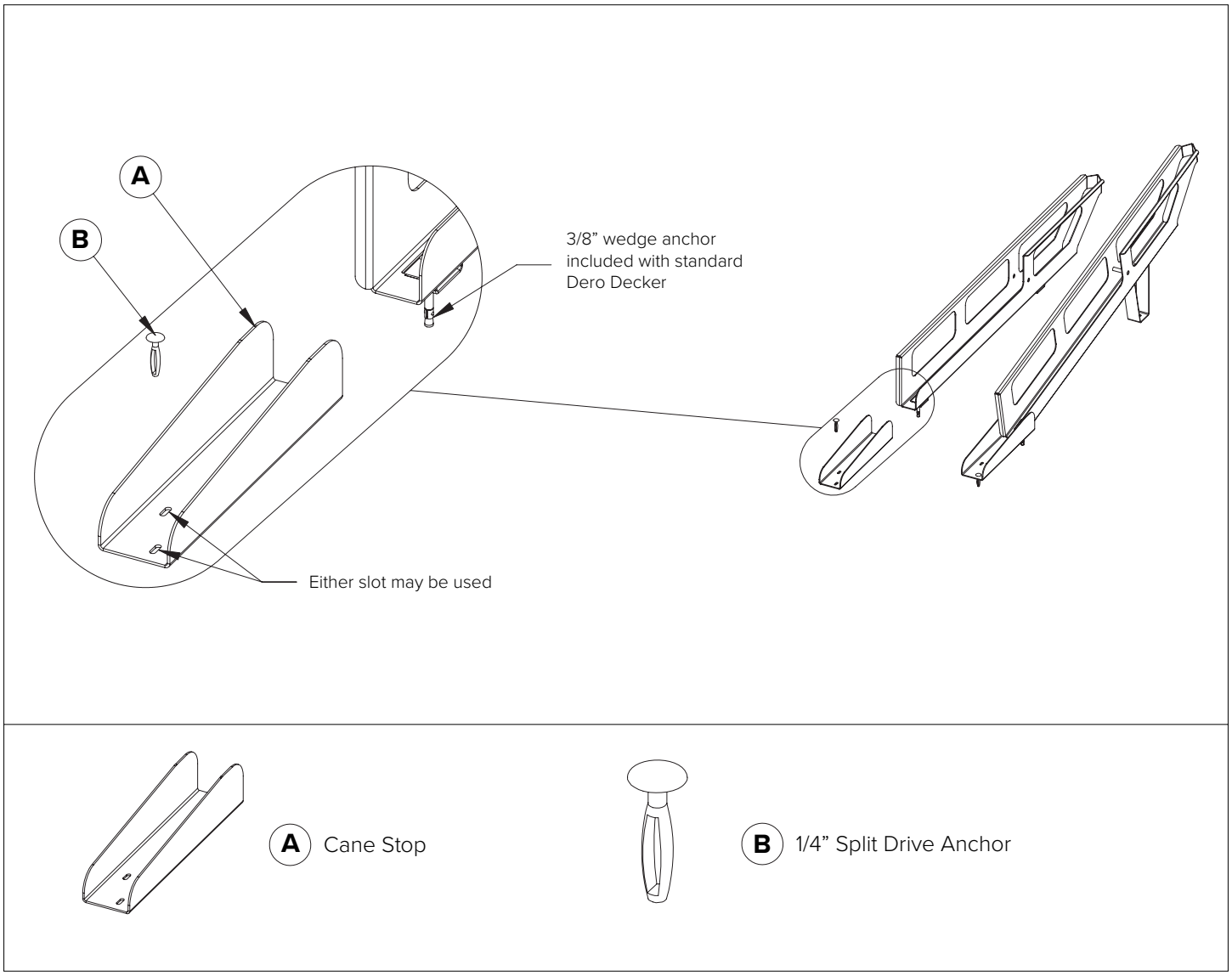


Racks with electrical outlets must be installed in an area protected from rain and on a GFI circuit. The outlets provided are IP54 weatherproof and UL, CE certified. Consult local electrical codes for more detail.

All wires and conduit to be supplied by installer

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See diagrams below for guidance on installing the optional Cane Stop. This attachment provides a cane-detectable barrier beneath the upper trays of the Dero Decker for improved safety.

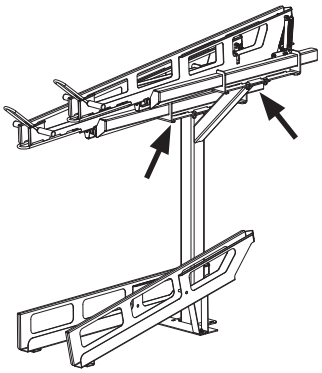


A Cane Stop

B 1/4” Split Drive Anchor

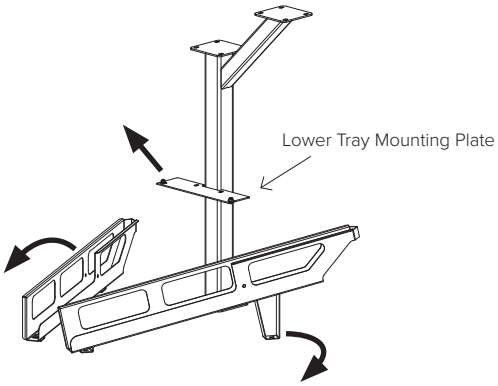
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1



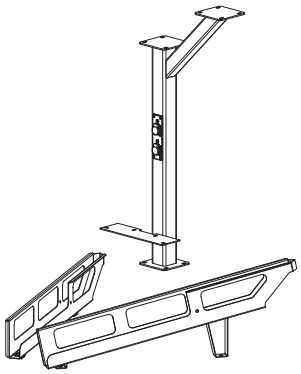
Remove the upper assemblies by removing the ½” dia. bolts. Set assemblies aside.

2



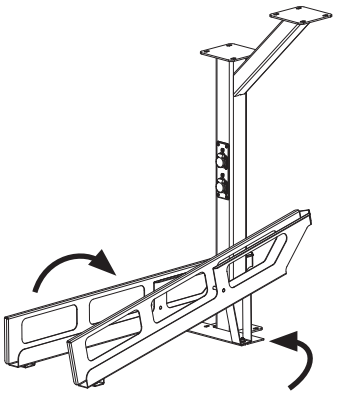
Loosen anchors at the front and bolts at the rear of the lower trays. Rotate the lower trays out so they are away from the mounting plate. Remove the ½” dia. anchor nuts attaching the upright and lower tray mounting plate and set the plate aside.

3



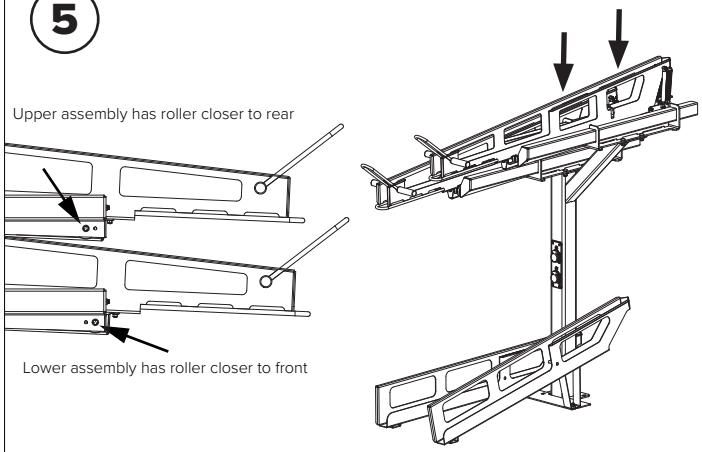
Place the new upright with charging outlets in the same position and the previous lower tray mounting plate. Secure with the ½” dia. anchor nuts.

4



Rotate the lower trays back into place and secure with 3/8” dia. bolts and tighten front anchors.

5

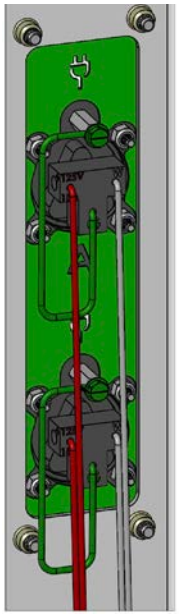


Attach the upper assemblies with ½” diameter bolts. Note which assembly is upper or lower.

6

A licensed electrician is required to wire power to the outlets.

Racks with electrical outlets must be installed in an area protected from rain and on a GFI circuit. The outlets provided are IP54 weatherproof and UL, CE certified. Consult local electrical codes for more detail.



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