



Patent #8,950,592

Dero **eDecker**

The Dero eDecker includes all the premium features of the standard Decker and adds charging outlets and wider trays on the lower tier to accommodate a wide variety of e-bike styles. The integrated 4-hour timer helps prevent overcharging to preserve battery health.

For indoor or covered outdoor use only.

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Dero **eDecker**

- Outlets feature 4-hour timed charging cycles to greatly reduce the risk of overcharging batteries
- Wider lower-level trays accommodate thicker tires commonly found on e-bikes
- Sturdy red handle grips
- Lift-assist trays
- Dampers for safe lowering of trays
- Spring loaded levers hold bikes firmly in place
- U-lock compatible
- Small footprint
- Smooth and silent operation
- Simple installation
- Defined attachment points ensure proper positioning of trays
- Low maintenance
- ADA cane-detectable extensions available for lower trays





4 HOUR POWER

Dero e-bike charging products feature timed charging cycles to greatly reduce the risk of overcharging batteries.

FINISH OPTIONS

Galvanized



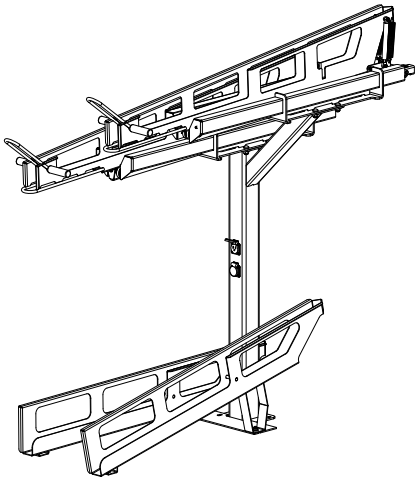
Powder Coat

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 **eDecker**

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

The Dero e-charging outlets are IP54 weather resistant, impact resistant, and are UL listed. All Dero e-charging outlets come with an integrated 4-hour timer that helps prevent batteries from overcharging.

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

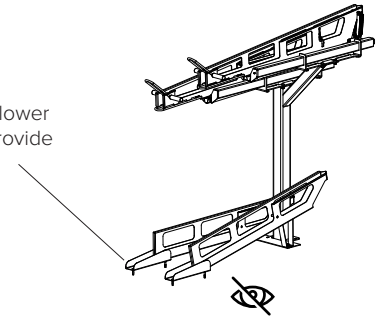
MOUNT OPTIONS

Surface only
Each upright has one ¼” plate feet that accept 1/2” wedge anchors

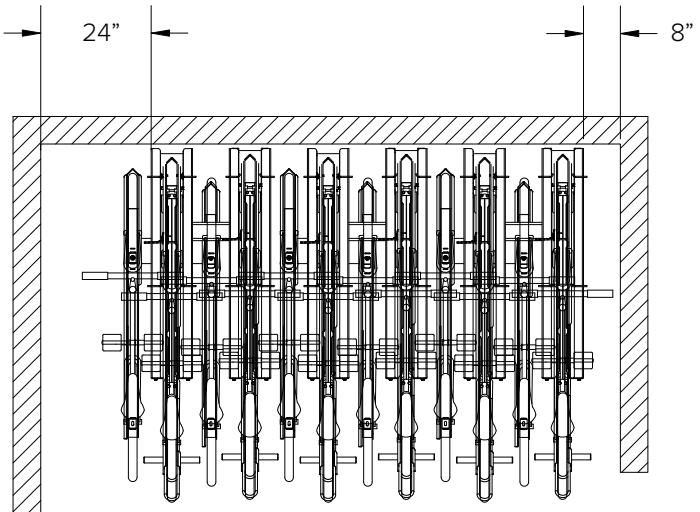
CANE STOPS

☐ **Add cane stops (additional cost)**
Available in galvanized or powder coat finish

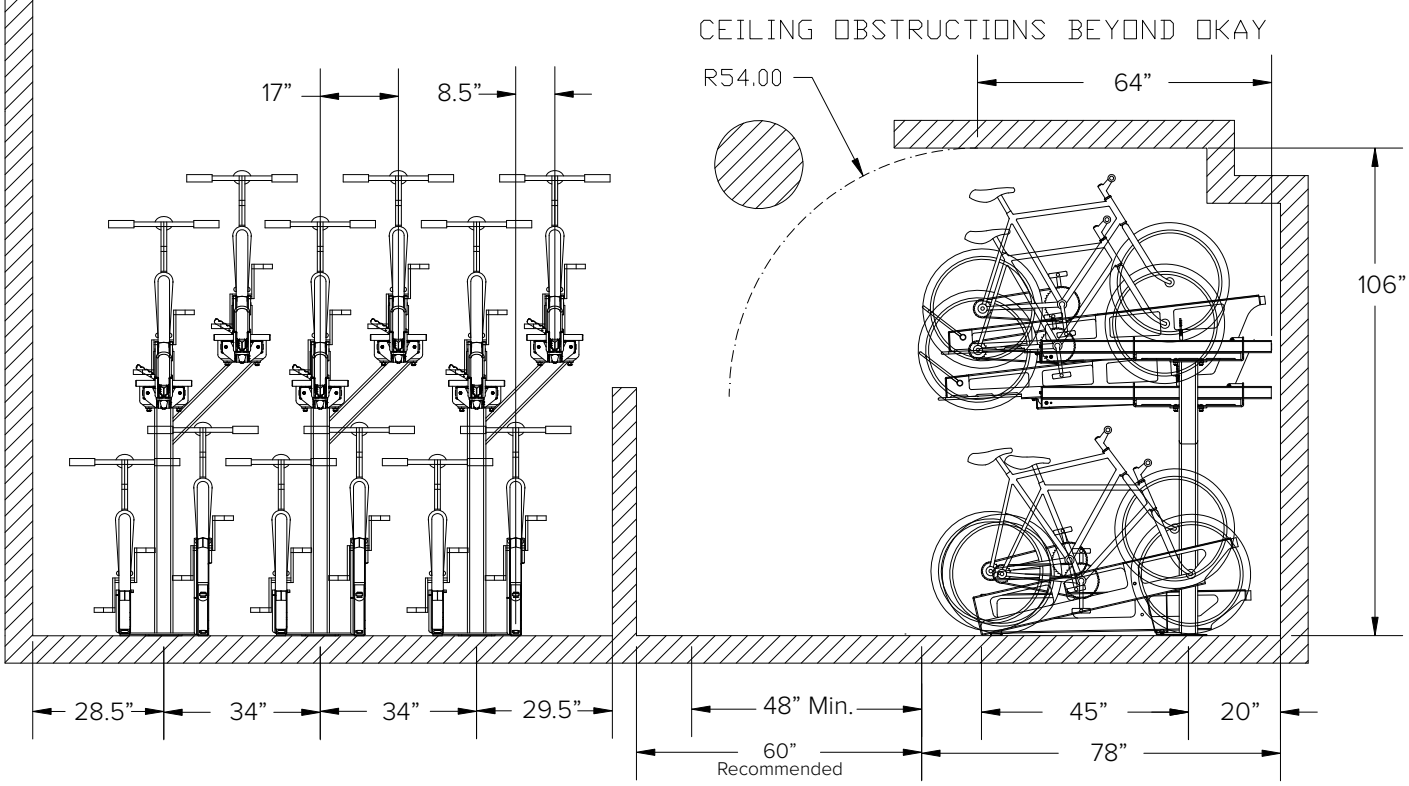
Cane-detectable lower tray extensions provide improved safety.



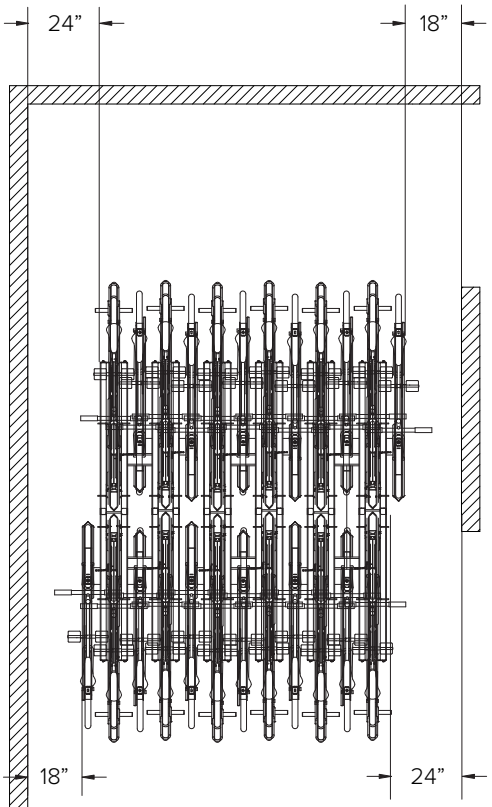
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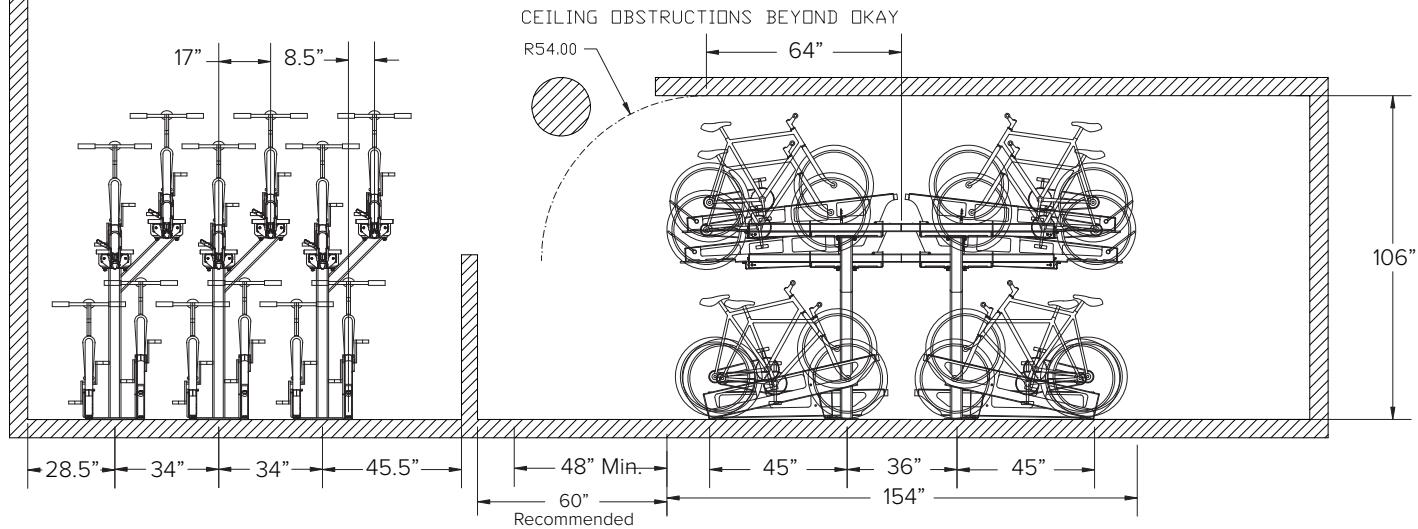
Alternative spacing options are available.
Contact Dero for details.



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Alternative spacing options are available.
Contact Dero for details.



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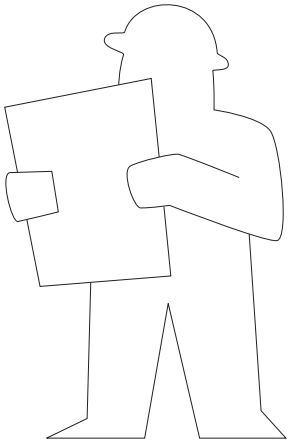
TOOLS NEEDED

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

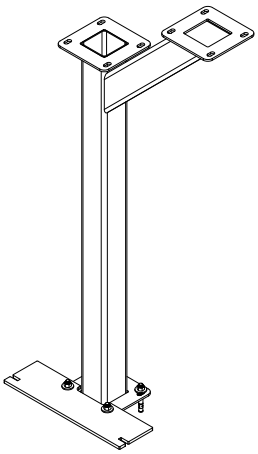
Solid concrete is the best base material for installation. To ensure the proper anchors are shipped with your racks, ask your Dero representative which anchor is appropriate for your application. Be sure nothing is underneath the base material that could be damaged by drilling.

1



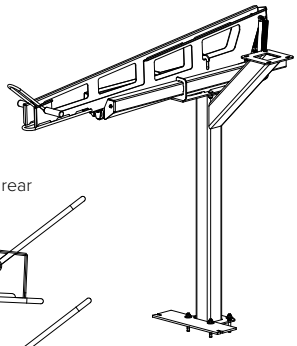
Refer to setback diagrams before installation to ensure sufficient space. Installation surface must be concrete of suitable strength. If surface is not level, contact Dero representative for workable solution.

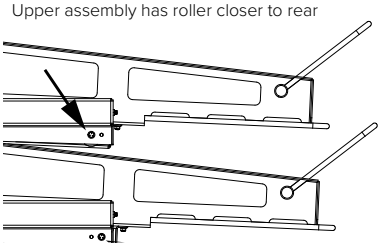
2



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.

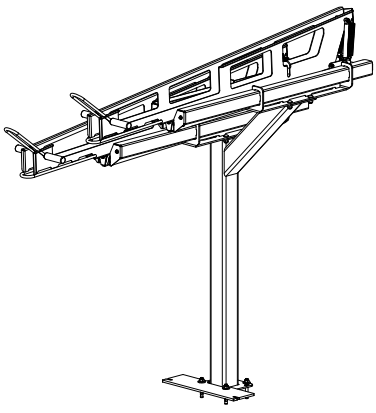
3





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.

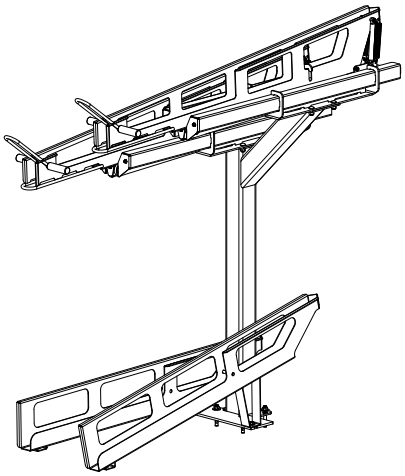
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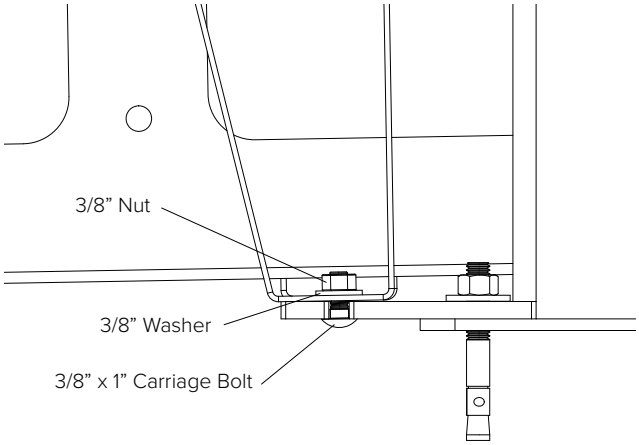


Do the same for the upper Cantilever Assembly.

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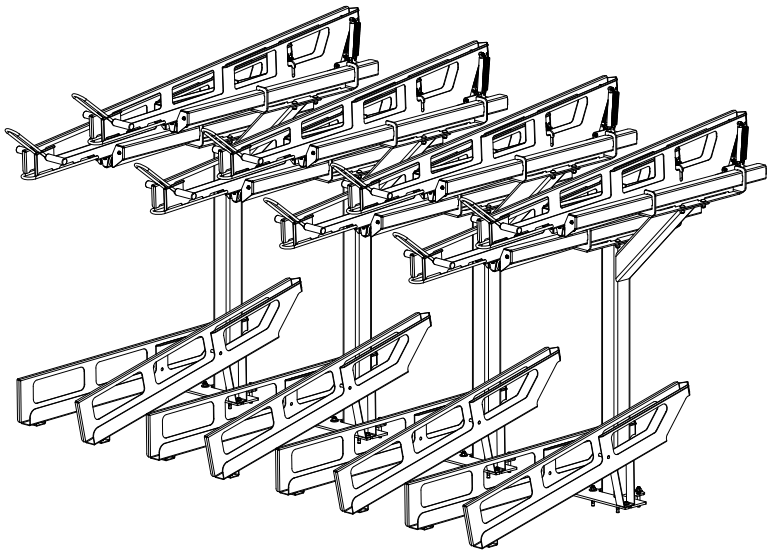
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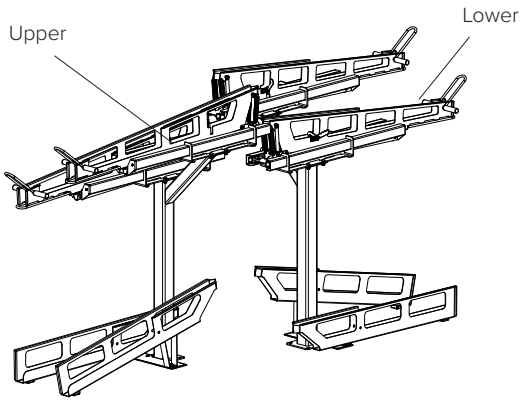




Place the bottom Lower and Upper Trays in position and secure at the rear with (1) 3/8” x 1” carriage bolt, 3/8” washer, and 3/8” nut each. Secure at the front with (1) 3/8” x 3” wedge anchor each.

6



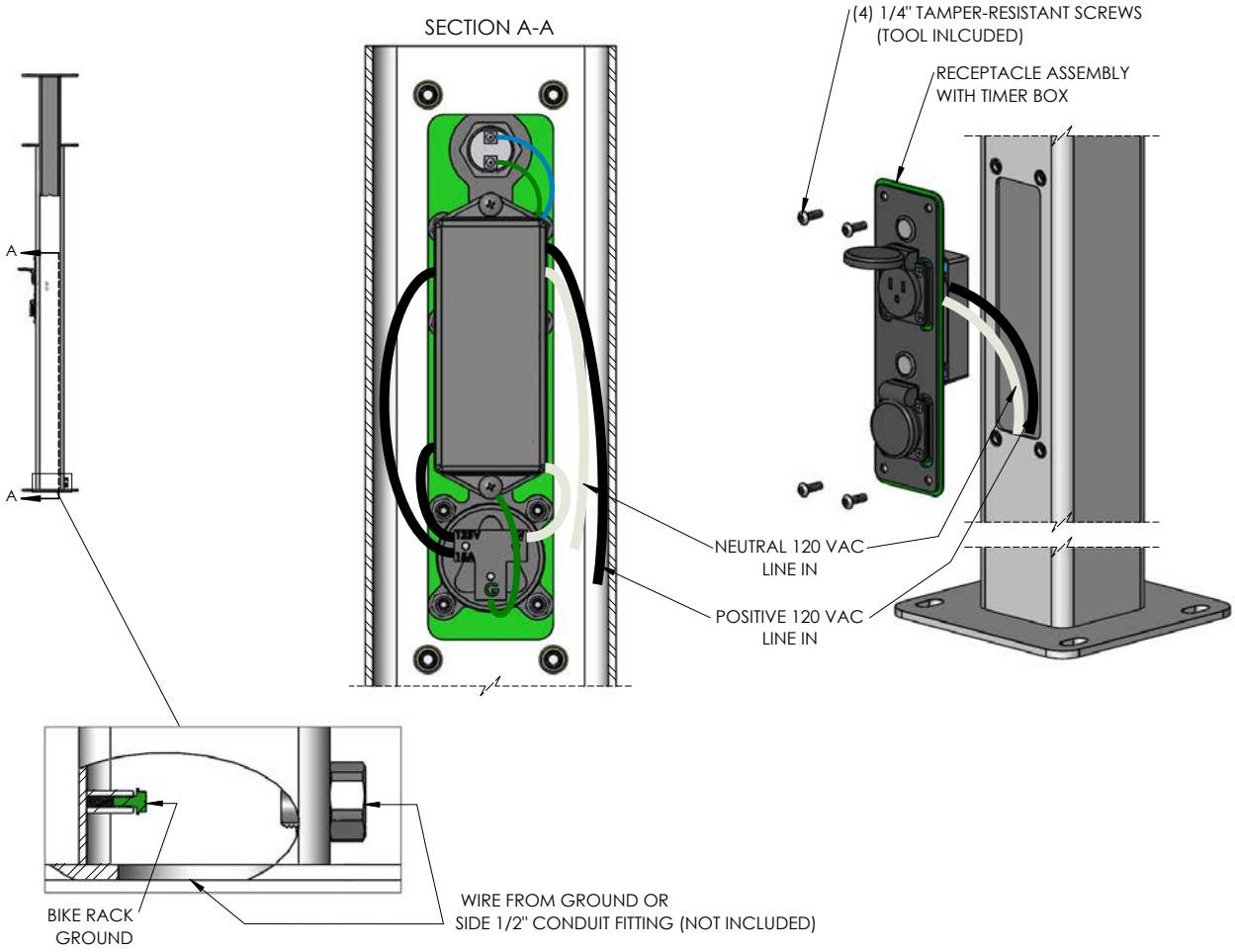


For double sided installations be sure to stagger the position of the units so that upper trays in one row face sit opposite lower trays in the other row.

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 positive and neutral electrical wires through the bike rack conduit fitting or base plate
2. Connect electrical wires to timer box.
3. Fasten the receptacle assembly to the bike rack with (4) 1/4-20 tamper-resistant screws (tool provided).
4. Attach ground wire to bike rack ground with a #10-24 screw.
5. Connect positive and neutral wires to gcfi circuit breaker 125 vac max.
6. Test:
   - Attach load to receptacle and press button above it. The receptacle should be powered for 4 hours and then shut off. Pressing the button while the receptacle has power will restart the 4-hour timer. There is no “off” switch other than the timer.
   - Repeat for other receptacles.

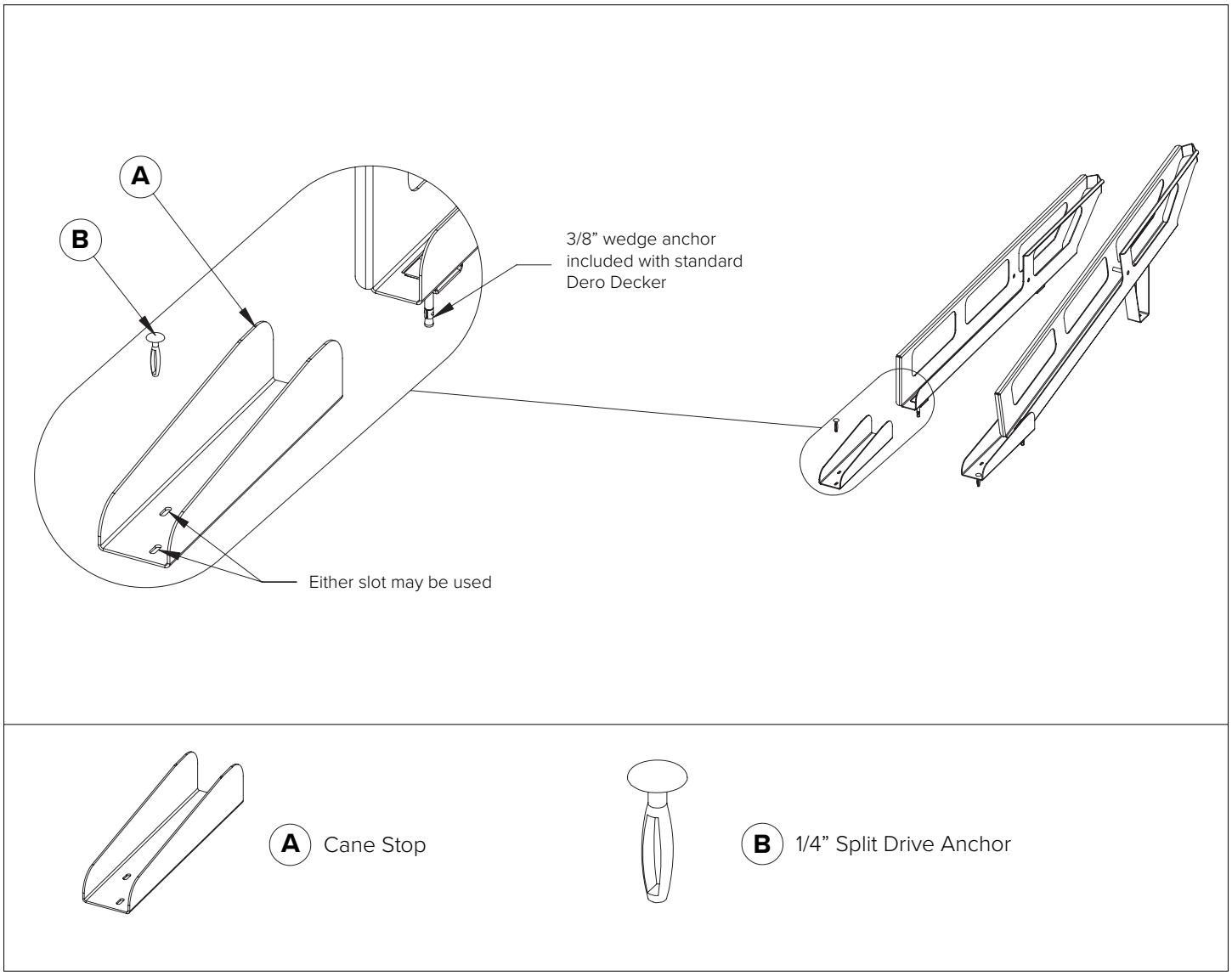
All wires and conduit supplied by installer

Each unit has (2) outlets and requires a 120VAC 8A power supply. Multiple units may be connected to one GFCI breaker circuit that can accommodate 8A per unit (4A per outlet).

For indoor or covered outdoor use only.

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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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