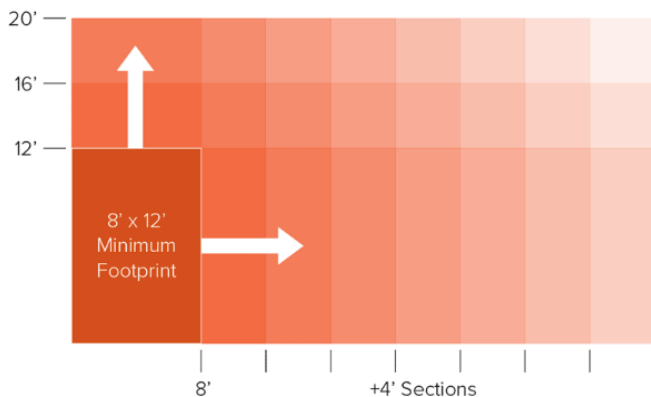




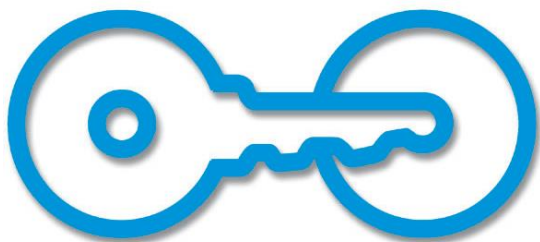
Cycle Station 2



The Cycle Station 2 provides scalable, high-capacity, secure bike parking for bicycle commuters. With a high roof and open platform, the Cycle Station 2 allows bike corrals, vertical, or two-tiered bike racks configured to meet your specific needs.



The Cycle Station 2 is available in 12', 16' and 20' widths, and can be expanded lengthwise by as many 4' sections as you like, giving you the flexibility to accommodate your capacity requirements, no matter how big or small.



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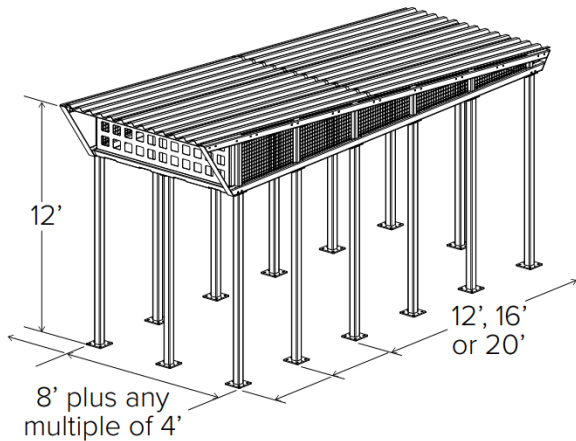
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Cycle Station 2



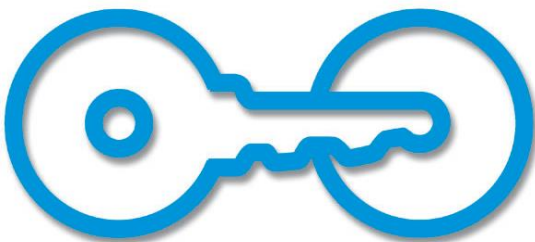
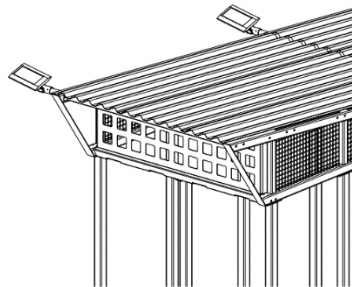
Product Cycle Station 2

Materials Uprights: 4" x 3/16" square tube.
Base Plates: 1/2" plate
Roof Truss: 4"x 3" x 1/4" square tube
Roof Purlins: 3" x 1/8" square tube
Roof Panels: 24g steel ribbed panel
Panels: 2" x 1/4" steel wire mesh with 3" steel framing

Installation Methods **Surface Mount.** It is the responsibility of the installer to ensure that all base materials into which the shelter will be installed can support the rack and will not be damaged by any required installation procedures. See structural drawings for details.

Load Data Dead Load: 2.5psf, self-weight of structure
Live Load: 40 psf
Wind Load: 96 mph, exposure B, risk category II
Seismic Risk: Category II
Footing: see separate page
Anchors: 5/8" Ø x 4-1/2" embed Simpson Strong-Bolt 2 wedge anchors

Solar powered lights for the shelter exterior are available for an additional charge



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Cycle Station 2

Options



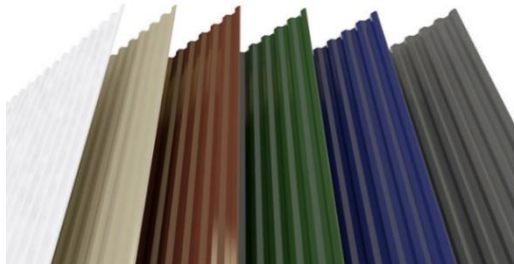
Finish Options: Galvanized (Roof trusses are galvanized only. Uprights and mesh panels may have a powder coat color or galvanized finish.)

Powder Coated



RAL 9005	Flat Black	RAL 9003	RAL 2004	RAL 1023	Bright Yellow
RAL 6016	RAL 6018	RAL 6005	RAL 5005	RAL 5015	Purple
RAL 7011	RAL 7042	RAL 9007	RAL 1001	RAL 8014	Bronze
RAL 3003	RAL 3005				

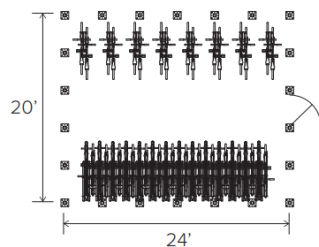
Roofing: Roof panels are available in a variety of colors.



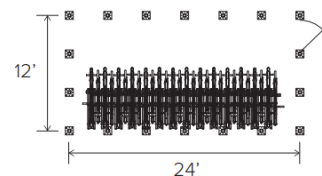
Hawaiian Blue	Crimson Red	Fern Green	Burnished Slate	Cobalt Blue	Charcoal Gray	Light Stone
Ash Gray	Saddle Tan	Desert Sand	Koko Brown	Rustic Red	Polar White	Solar White

Doors: Door(s) may be placed between any uprights for greatest flexibility in layout. A standard door includes an electronic strike, exterior keyed handle, interior push bar, and door closer. Access system not included. A variety of door handles, locks, and closers are available per spec.

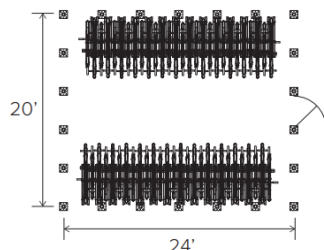
Capacities: Sample capacities for 3 Unit Configurations shown below



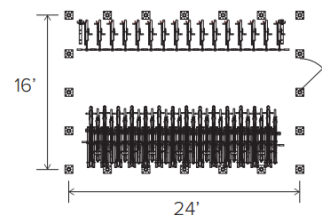
20'x24' Shelter
Hoop Racks and
Dero Deckers
44 Bikes



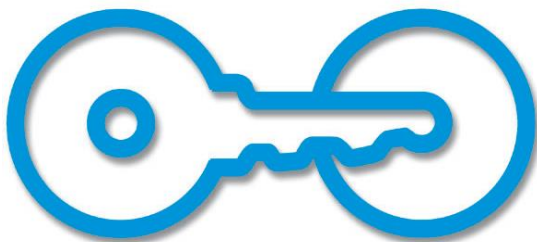
12'x24' Shelter
Dero Deckers
28 Bikes



20'x24' Shelter
Dero Deckers
56 Bikes



16'x24' Shelter
Ultra Space Saver Squared
and Dero Deckers
44 Bikes



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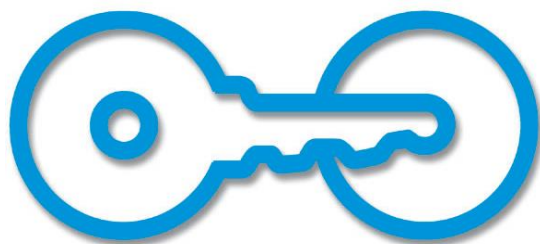
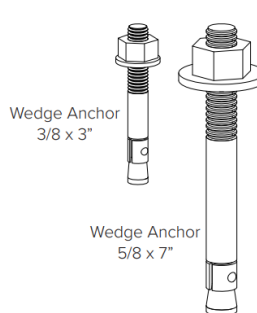
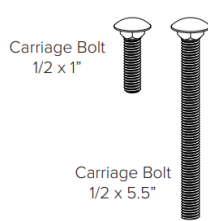
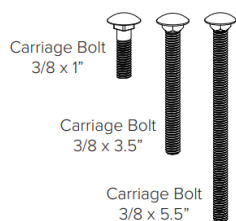
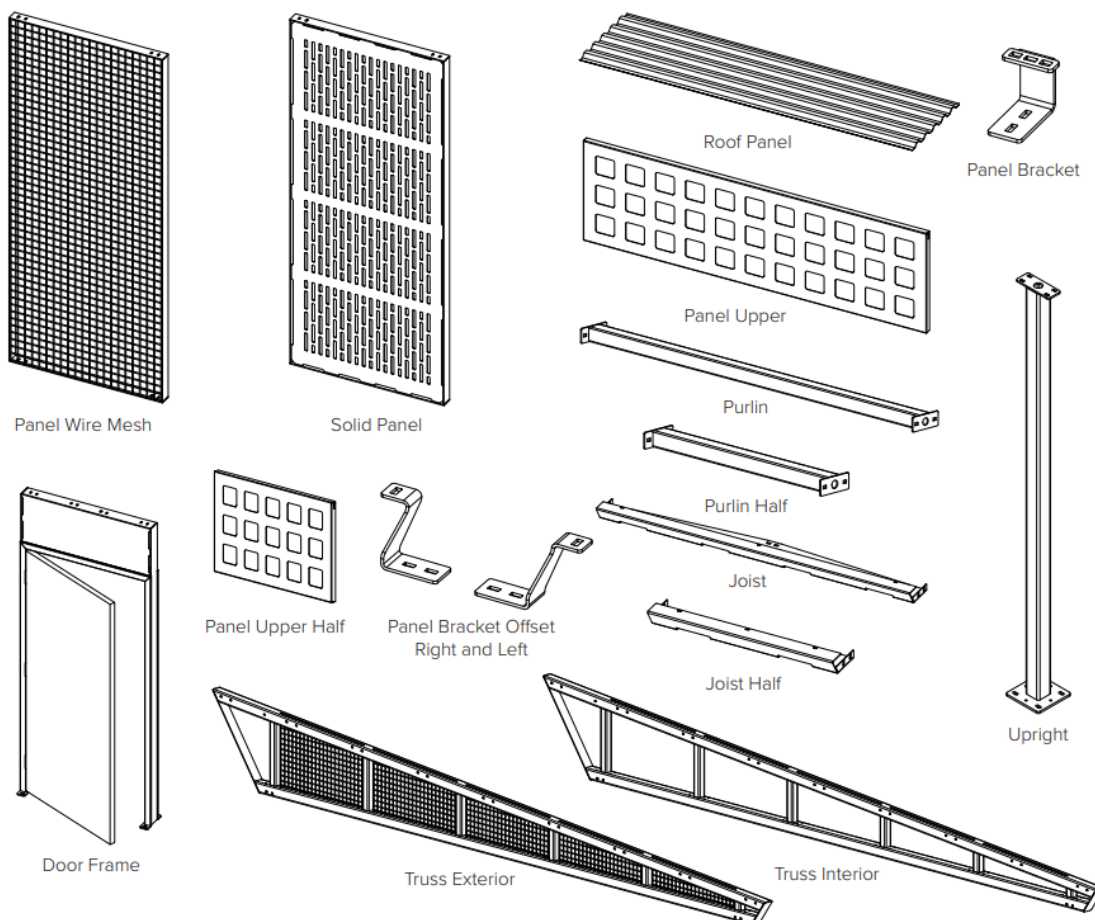
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Cycle Station 2

Parts List



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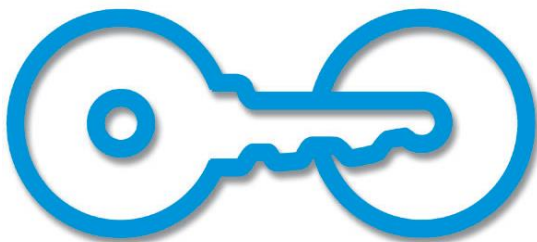
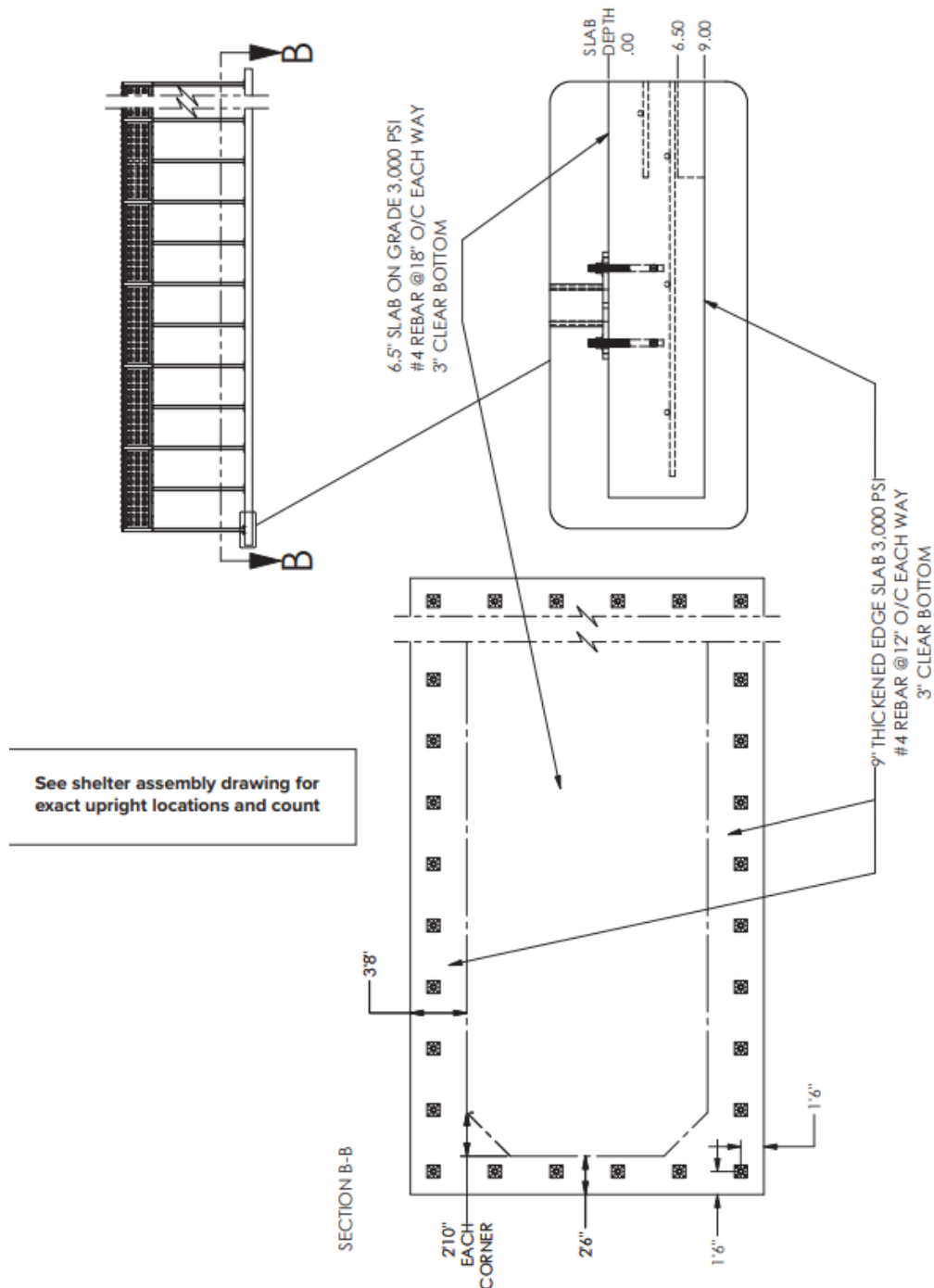
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Ph: (800) 245-3723 or (805) 933-3688

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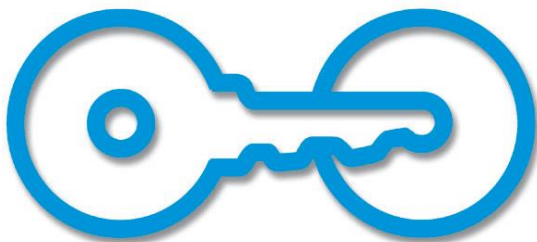
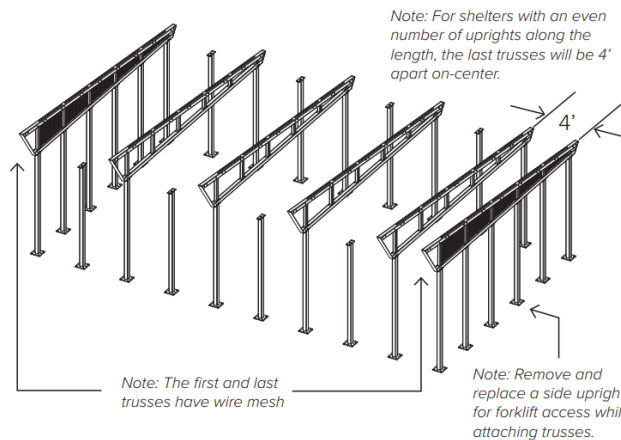
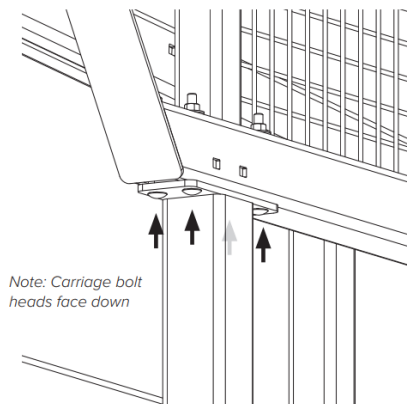
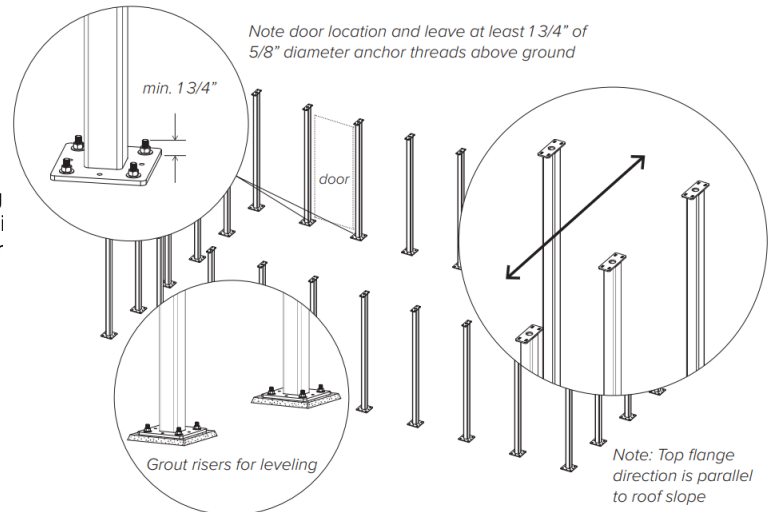
Installation Instructions



Tools Needed:

Hammer Drill	Forklift
Masonry Bits: 3/8", 5/8"	Wrenches: 9/16", 3/4", 15/16"
Large Hammer	Socket Wrench with Sockets: 9/16", 3/4", 15/16"
Level	Drill
Chalk Line	Nut Driver: 5/16"
Tape Measure	Metal Shears (up to 24g steel)
Tall Ladders	

1. Place uprights on concrete foundation (see foundation design drawing).
Confirm all uprights are properly spaced and square. All upright should be at the same elevation; use non-shrink grout risers if needed. Longer anchors may be needed to maintain minimum 5/8" concrete embedment.
Using the upright base as a template, drill (4) 5/8" diameter holes at each upright. Install wedge anchors with a minimum embedment of 4 5/8".
Add nuts and washers and leave finger tight. See shelter assembly drawing for specific upright placement locations.
2. Lift trusses into place and fasten to uprights every 8' with (4) 1/2" x 5 1/2" carriage bolts, lock washers, and nuts at each upright. Leave finger-tight.



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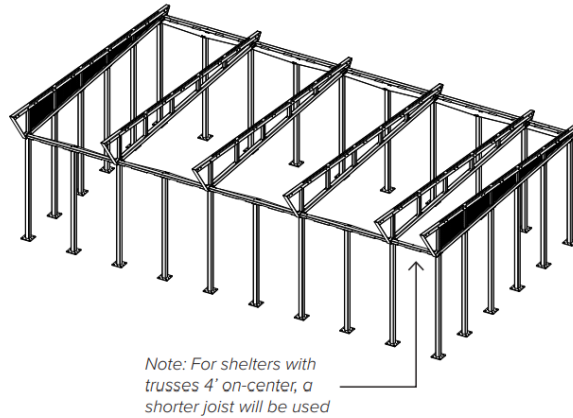
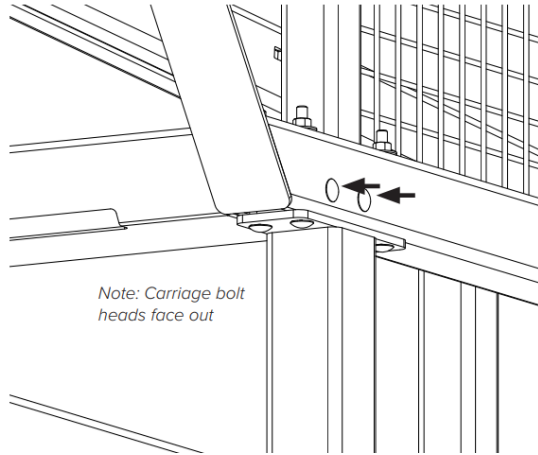
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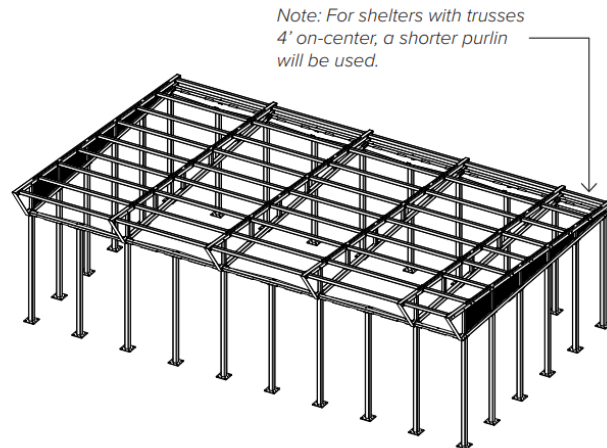
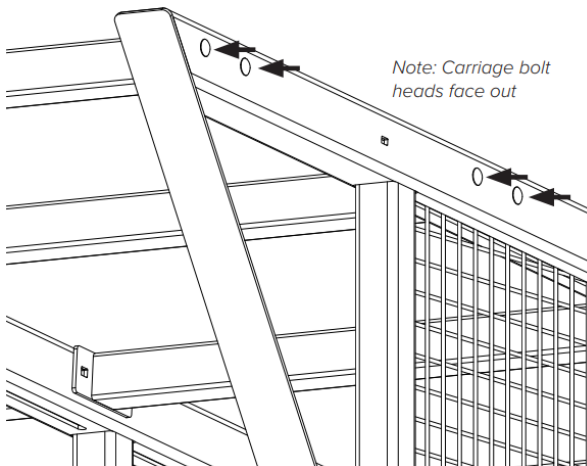
Installation Instructions



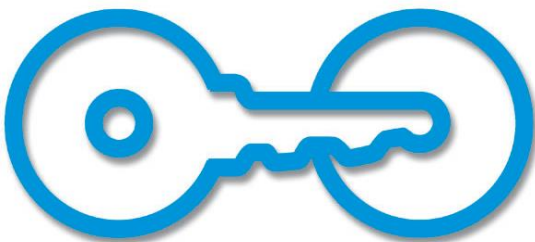
3. Attach the joists with (2) 1/2" x 5 1/2" carriage bolts, lock washers and nuts at both ends. Attach the joist to the middle upright with (4) 1/2" x 1 1/2" carriage bolts, lock washers and nuts. Leave finger-tight.



4. Attach the purlins with (2) 1/2" x 5 1/2" carriage bolts, lock washers and nuts at both ends. Leave finger-tight.



5. Tighten all fasteners:
- Confirm spacing of upright bases and tighten wedge anchors. All uprights are 48" on-center.
 - Tighten bolts at upright tops and trusses.
 - Tighten bolts at purlins and trusses.
 - Tighten bolts at joist ends and trusses.
 - Tighten bolts at remaining upright tops and joists.



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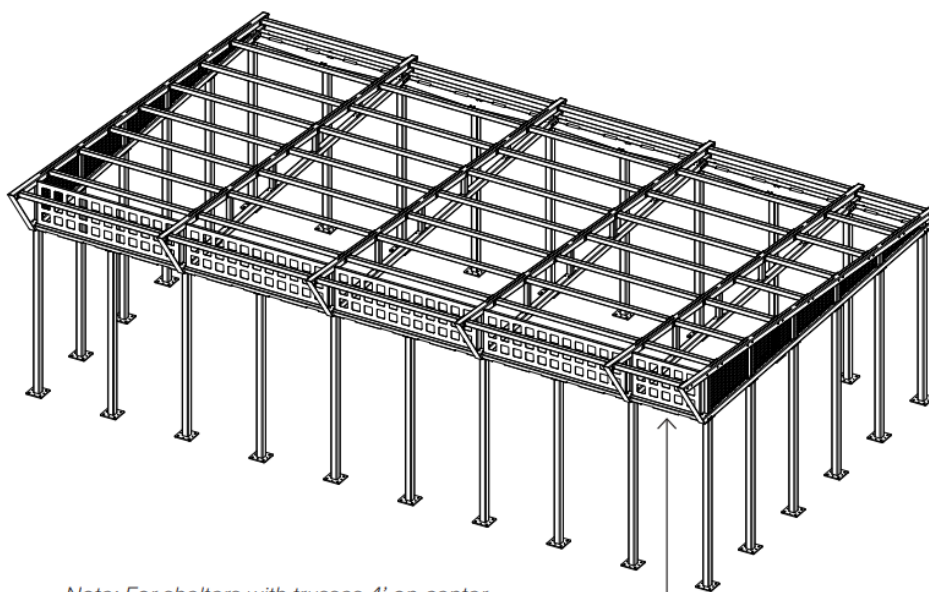
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Cycle Station 2

Installation Instructions

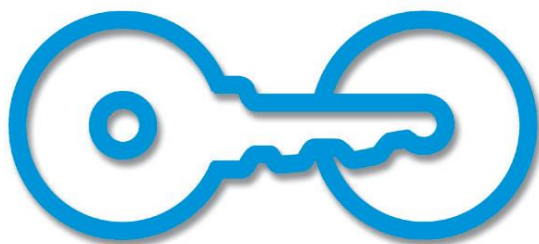
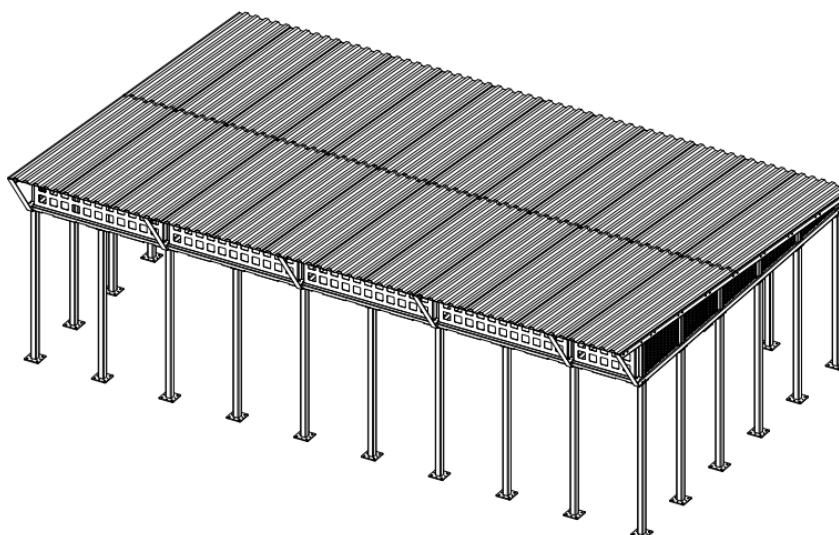


6. Attach the upper panels to the trusses with (2) 3/8" x 5 1/2" carriage bolts, lock washers and nuts at both top ends. Attach to the joists with (3) 3/8" x 1" carriage bolts, lock washers and nuts at bottom.



Note: For shelters with trusses 4' on-center, a shorter panel will be used.

7. Attach roof panels with manufacturer's instructions.



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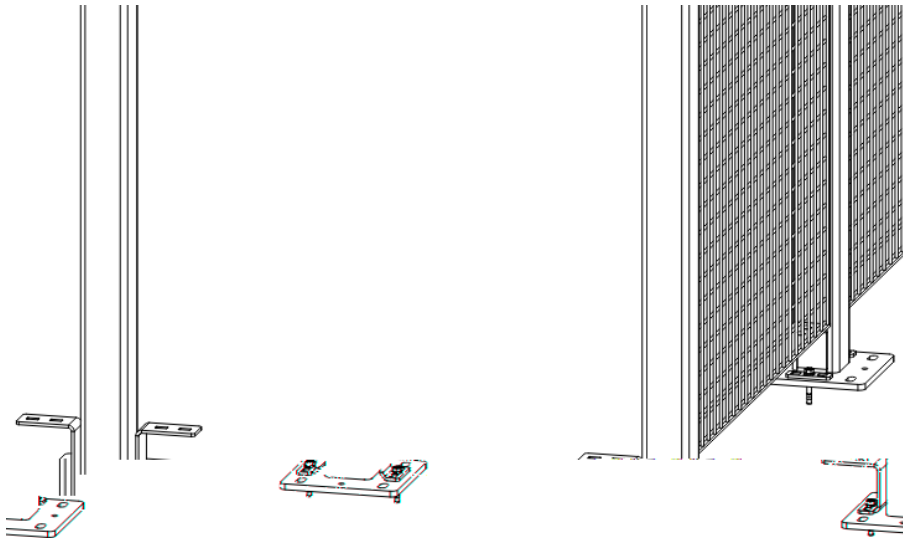
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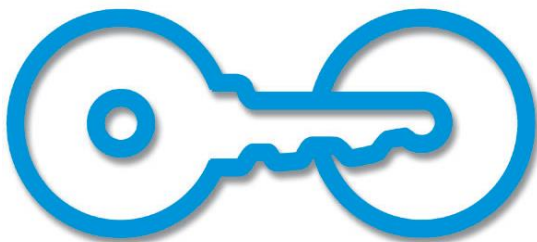
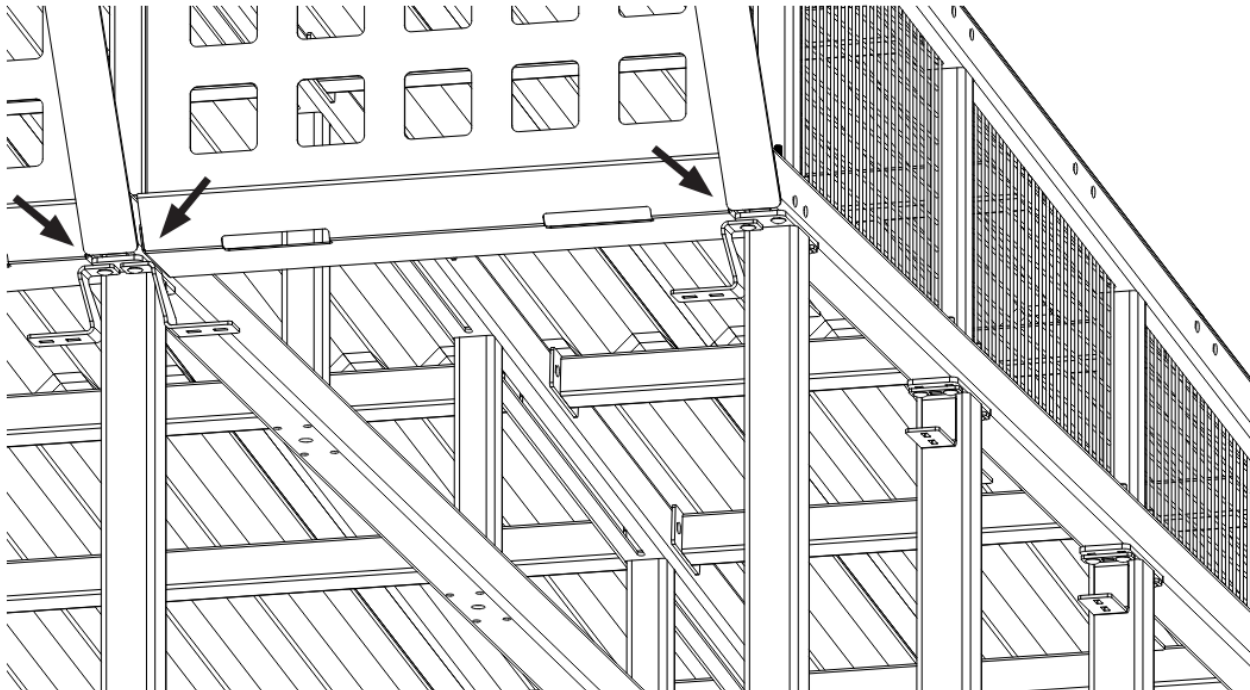
Panel Instruction



1. At every location a panel is to be installed, drill a 3/8" dia. hole in the concrete through the existing hole in the upright base. Attach the panel brackets with a 3/8" x 3" wedge anchor.



2. At every location a panel is to be installed on the front or back of the shelter, remove the (2) outer carriage bolts at the top of the uprights and add the offset panel brackets below the upright flanges with the same carriage bolts. The offset brackets angle towards the shelter.



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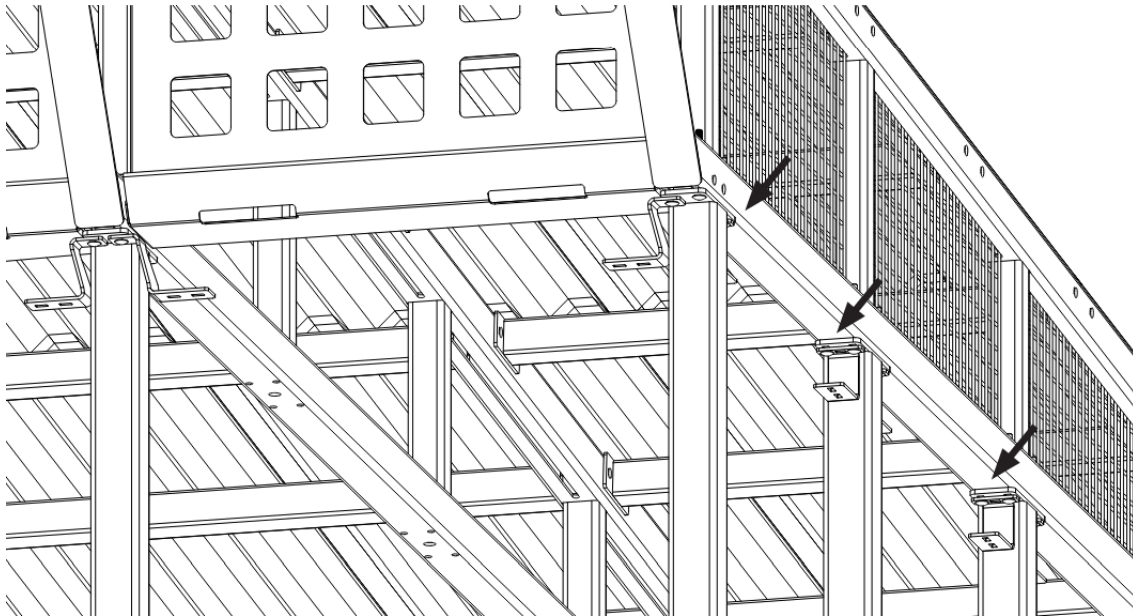
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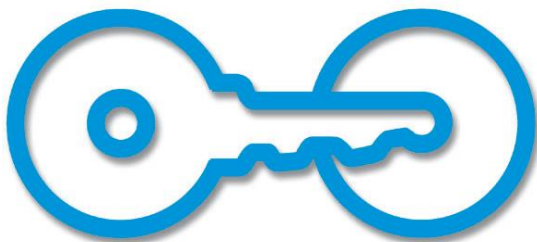
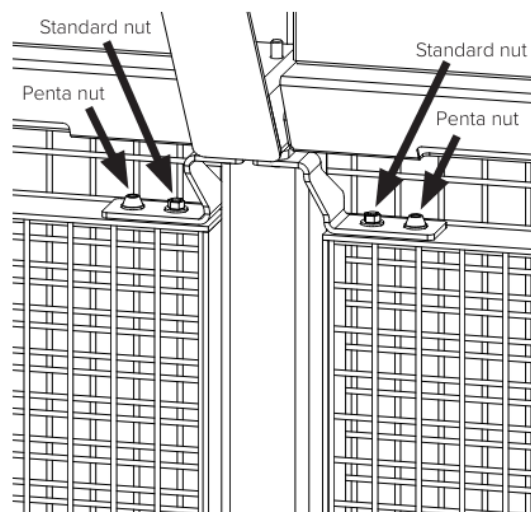
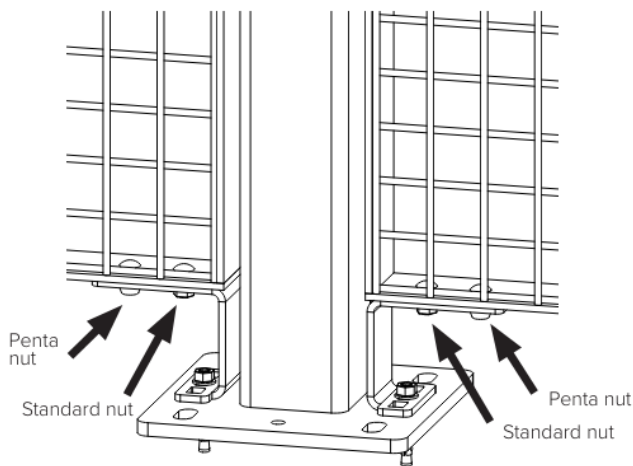
Panel Instruction



3. At every location a panel is to be installed on the sides of the shelter, remove the (4) inner carriage bolts at the top of the uprights and add the panel brackets below the upright flanges with the same carriage bolts.



4. Attach panels to each bracket with (2) 3/8" x 1" carriage bolts, washers and nuts. (1) Nut at each bracket will be a Penta nut for security. There are (4) brackets per panel. Typically, the panels adjacent to the door(s) will be solid for extra security. Consult the job specific plan for more detail.



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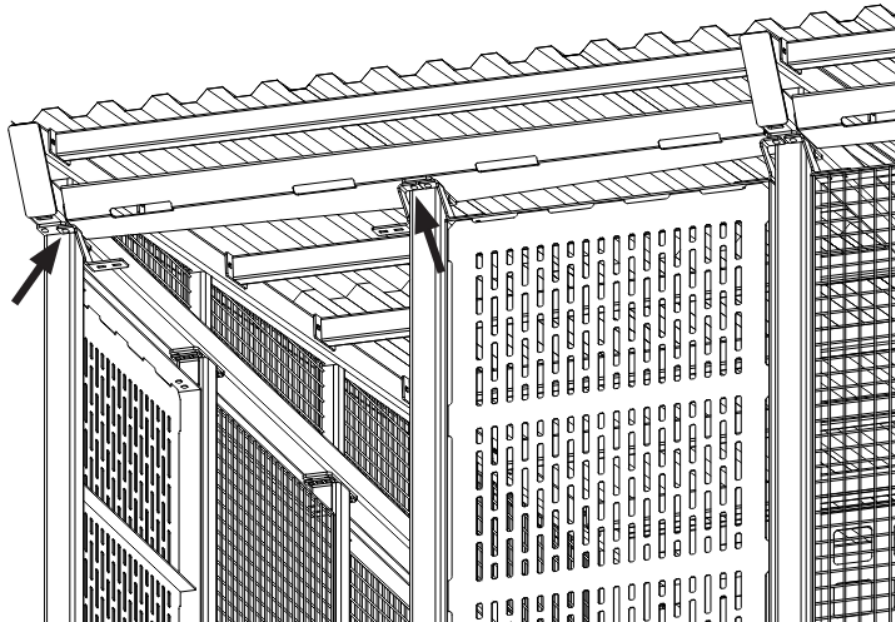
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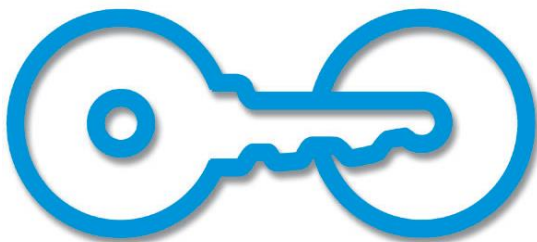
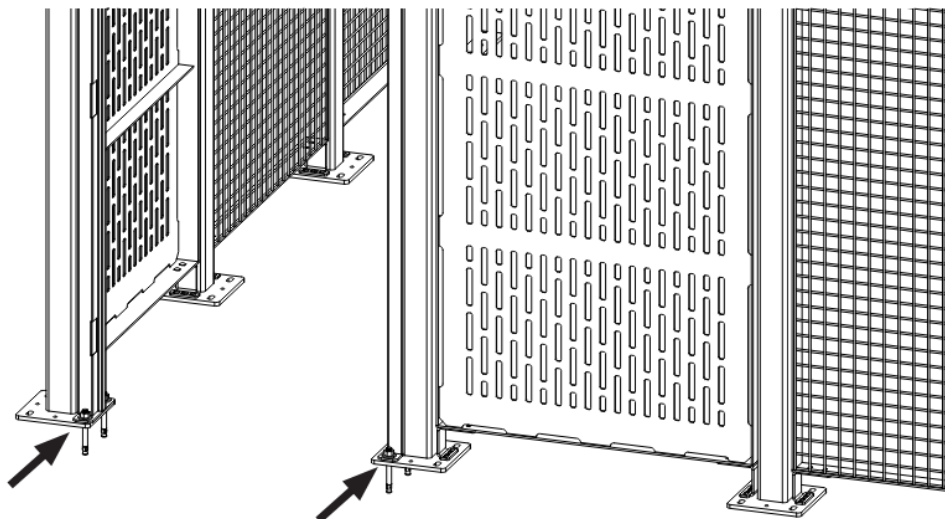


Front or Back Doors:

- A) At every location a door is to be installed on the front or back of the shelter, remove the (2) outer carriage bolts at the top of the uprights and add the offset panel brackets below the upright flanges with the same carriage bolts. The offset brackets angle towards the shelter.



- B) Below these panel brackets, remove the (4) inner 5/8" wedge anchor nuts and washers at the base of the uprights.
C) Attach the bottom of the door frame to the upright bases with the 5/8" wedge anchor nuts and washers.



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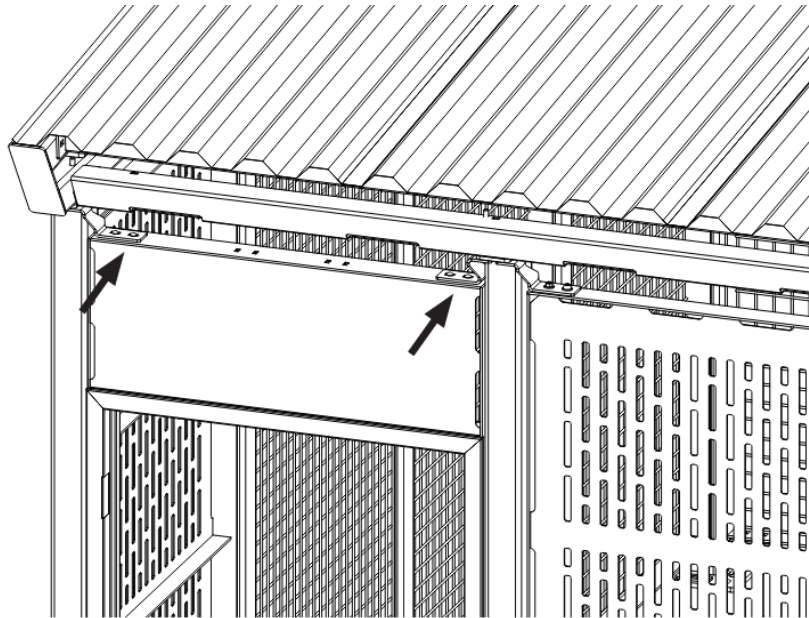
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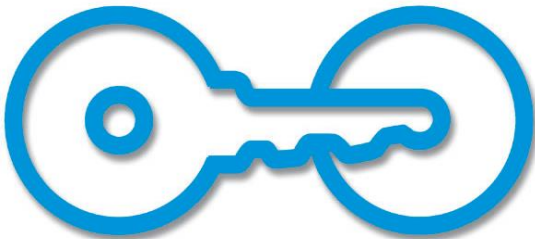
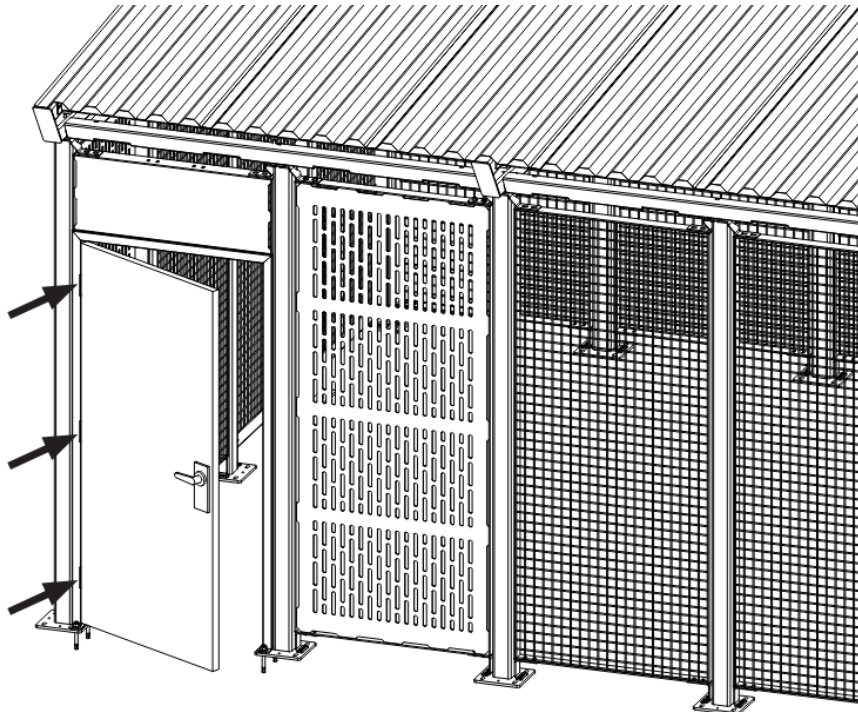
Email: turtle@ameribike.com



- D) Attach the top of the door frame to each bracket with (2) 3/8" x 1" carriage bolts, washers and nuts. (1) Nut at each bracket will be a Penta nut for security.



- E) Attach the door and hinges to door frame with supplied hardware.



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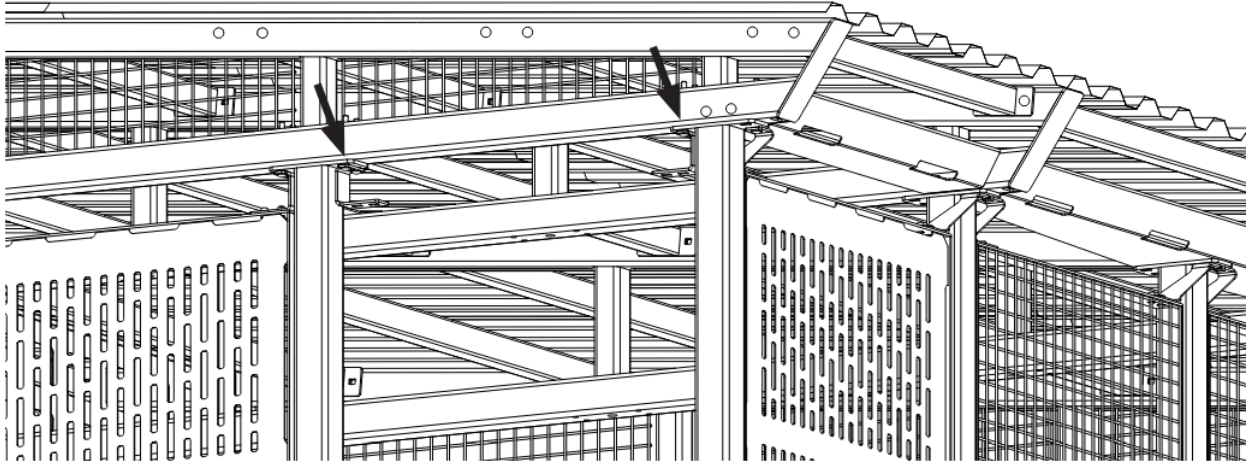
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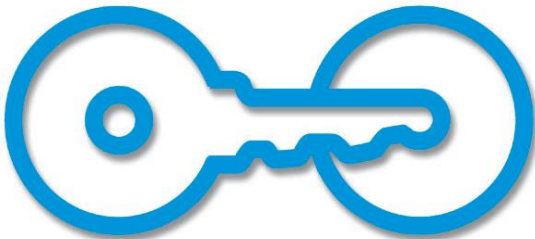
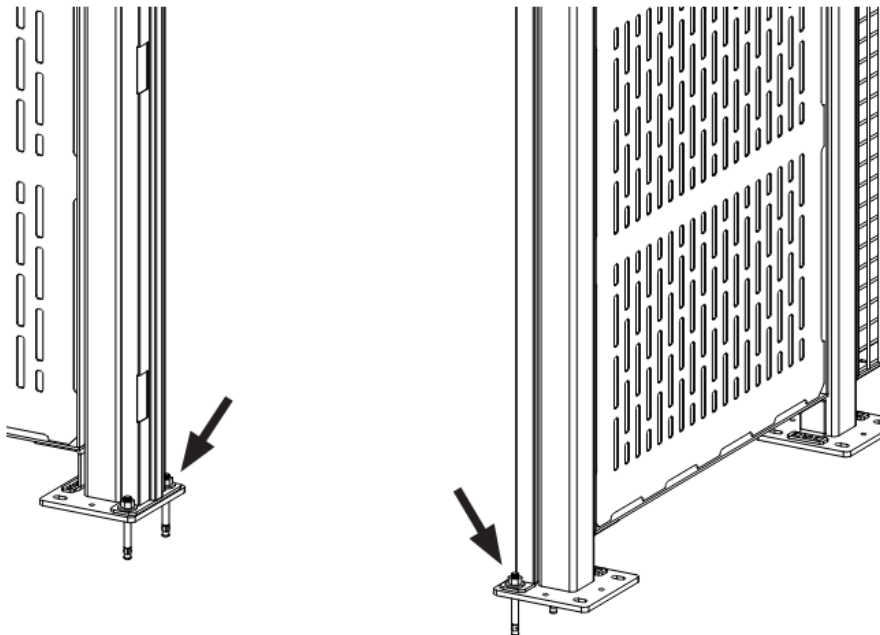


Side Doors:

- A) At every location a door is to be installed on the sides of the shelter, remove the (4) inner carriage bolts at the top of the uprights and add the panel brackets below the upright flanges with the same carriage bolts.



- B) Below these panel brackets, remove the (4) inner 5/8" wedge anchor nuts and washers at the base of the uprights.
C) Attach the bottom of the door frame to the upright bases with the 5/8" wedge anchor nuts and washers.



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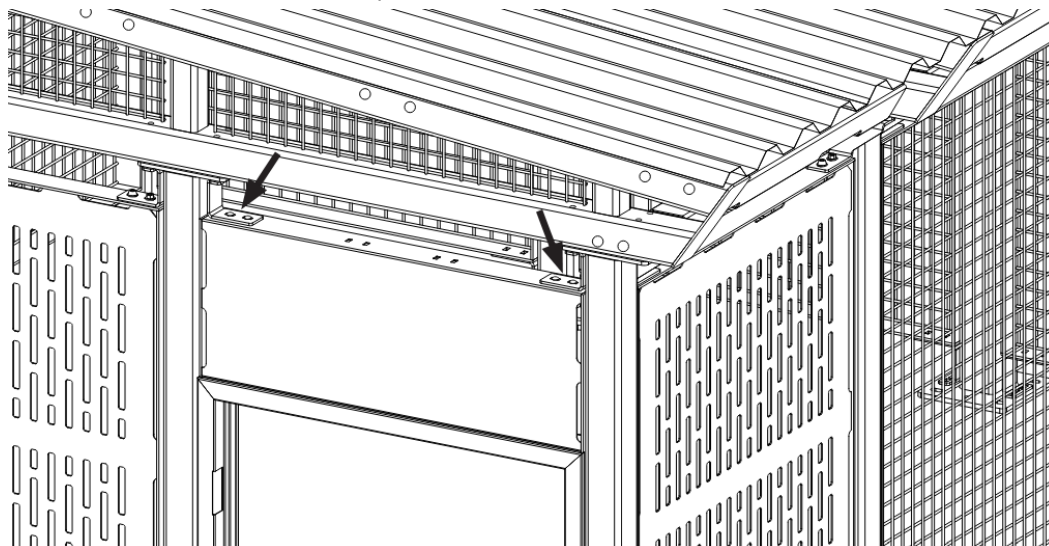
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Cycle Station 2

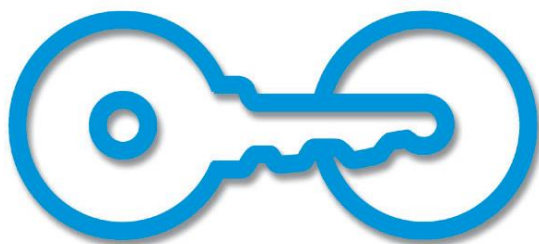
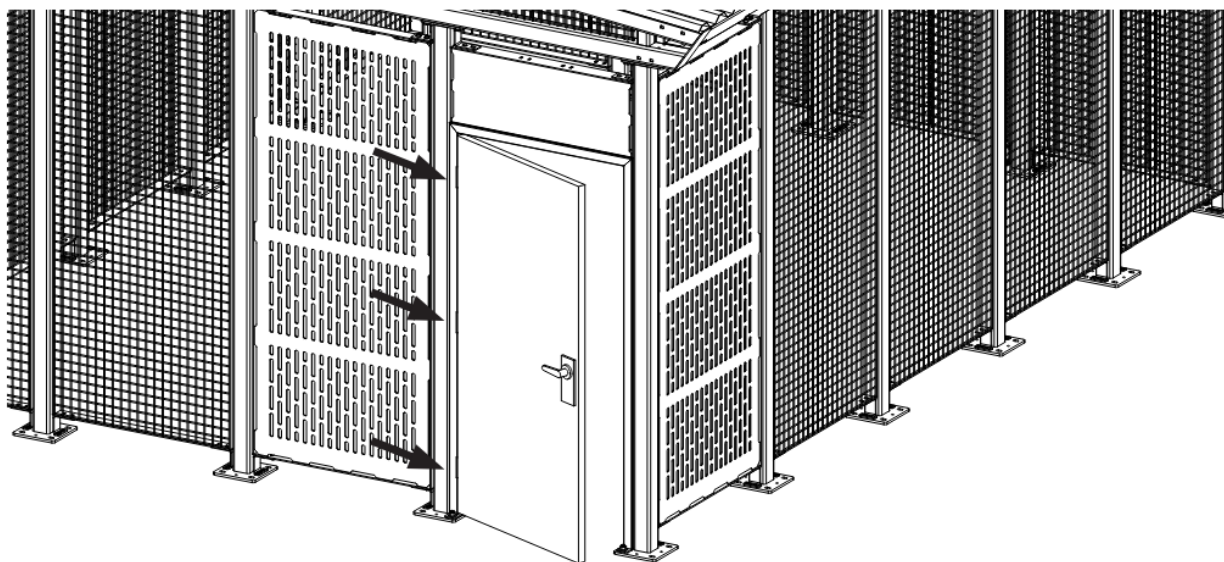
Panel Instruction



- D) Attach the top of the door frame to each bracket with (2) 3/8" x 1" carriage bolts, washers and nuts. (1) nut at each bracket will be a Penta nut for security



- E) Attach the door and hinges to door frame with supplied hardware.



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