



DERO
A PLAYCORE Company



Pocket Shelter

Small and versatile, the Pocket Shelter stores bikes in areas that would not normally accommodate bike parking. This shelter is a modular system that provides covered and secure bike storage but is extremely space efficient and cost-effective. Both available rack options, the Ultra Space Saver and the Bike File, allow the frame and wheel of each bike to be secured with a u-lock for the greatest bike security.

Pocket Shelter



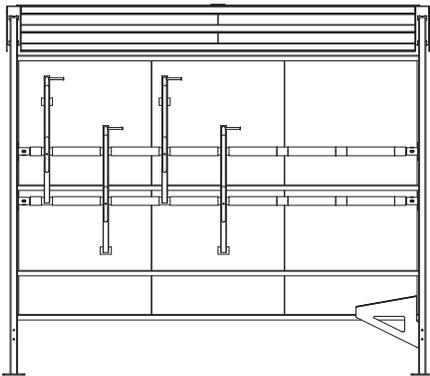
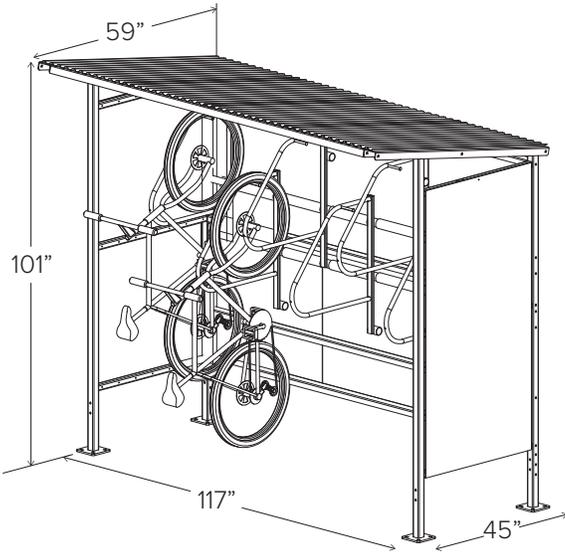
FINISH OPTIONS

Galvanized

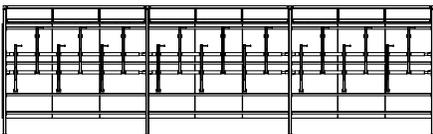


Powder Coat

 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



A bench may be mounted to the inside of the Pocket Shelter and still allow room for four bikes.



Dero Shelters can be used in a modular fashion (shared uprights). However, when used in this manner, please consult a Dero Bike Rack sales associate for layout, as the rack spacing and bike capacity can change!

CAPACITY

With Ultra Space Savers: 6 Bikes
With Bike Files: 10 Bikes

MATERIALS

Uprights: 2" x 3/16" square tube
Feet: 3/8" plate
Horizontal members: 3/16" formed sheet
Roof panels: 26g type S deck or 1/4" polycarbonate
Roof members: 3/16" formed sheet
Side panels: 1/4" polycarbonate (optional)

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

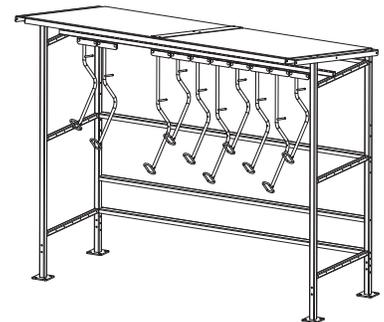
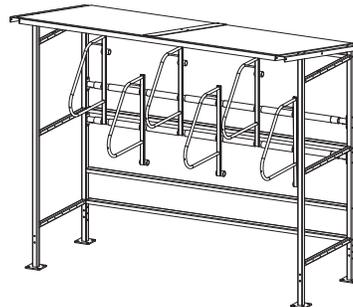
Surface
Has four 6" square feet which must be anchored to the ground with supplied anchors.

LOAD DATA

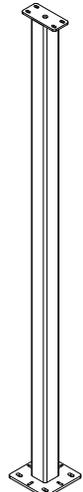
Dead load: self weight of structure
Live load: snow load = 45 psf
Wind load: 90 mph exposure B
Seismic load: moderate
Footing: see page 4
Anchor bolt: Simpson strong-bolt 2, 1/2" x 5 1/2", 3 7/8" minimum embed

ROOF OPTIONS

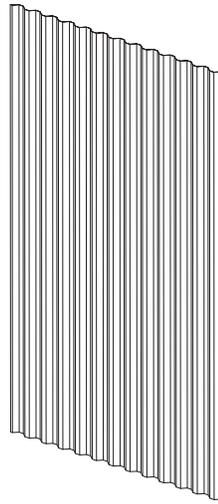
- Galvanized S Deck**
- Polycarbonate Panel**



The Pocket Shelter may be installed with Ultra Space Savers (left) or a Bike File (right)

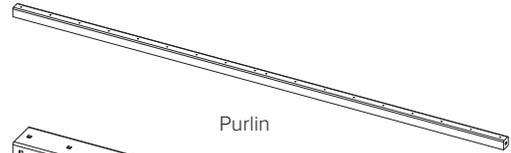


Upright

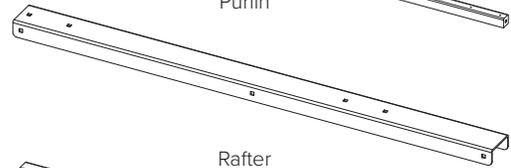


Type S Deck

NOTE: You will receive either S Deck or Polycarbonate roof, depending on indication during ordering



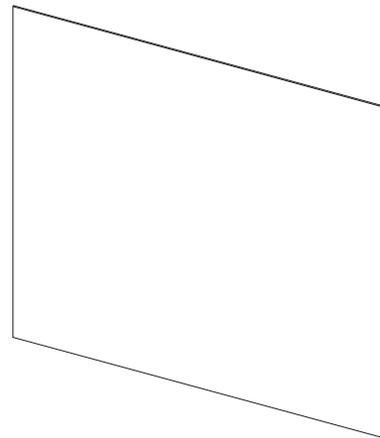
Purlin



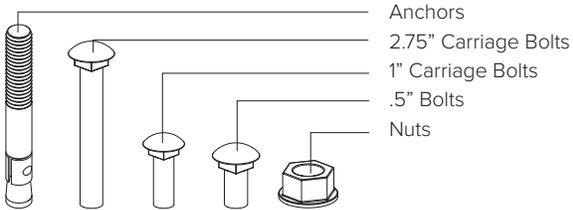
Rafter



Rear Panel Support



Polycarbonate Roof Panel



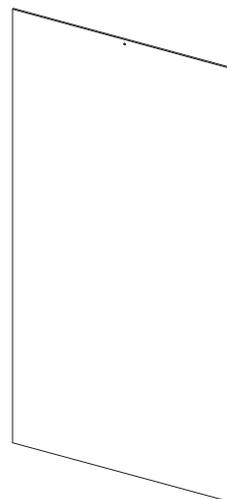
Anchors

2.75" Carriage Bolts

1" Carriage Bolts

.5" Bolts

Nuts

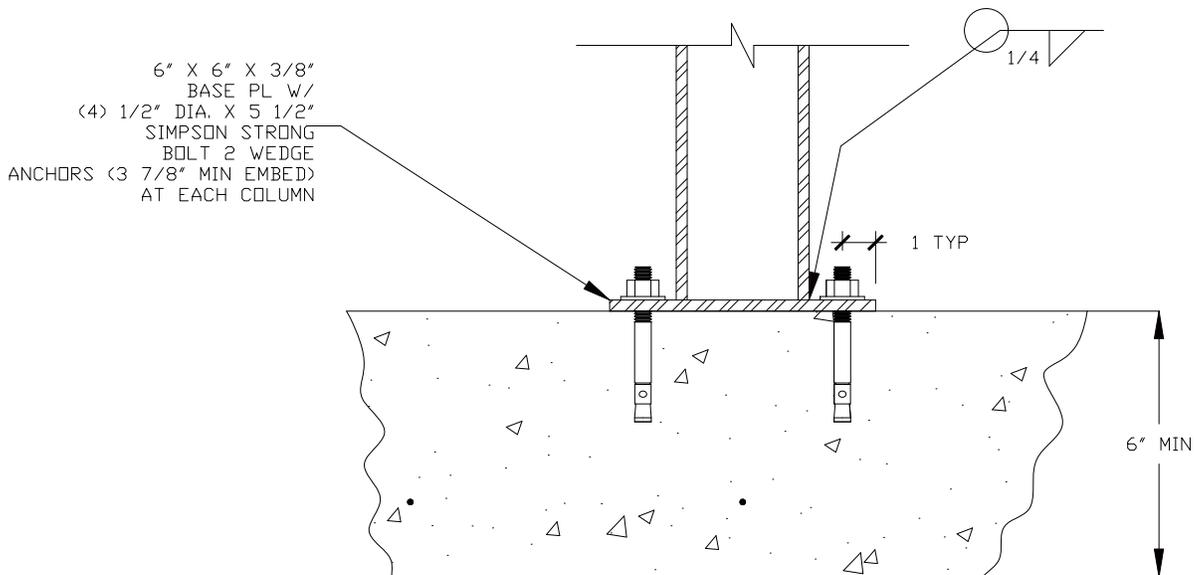
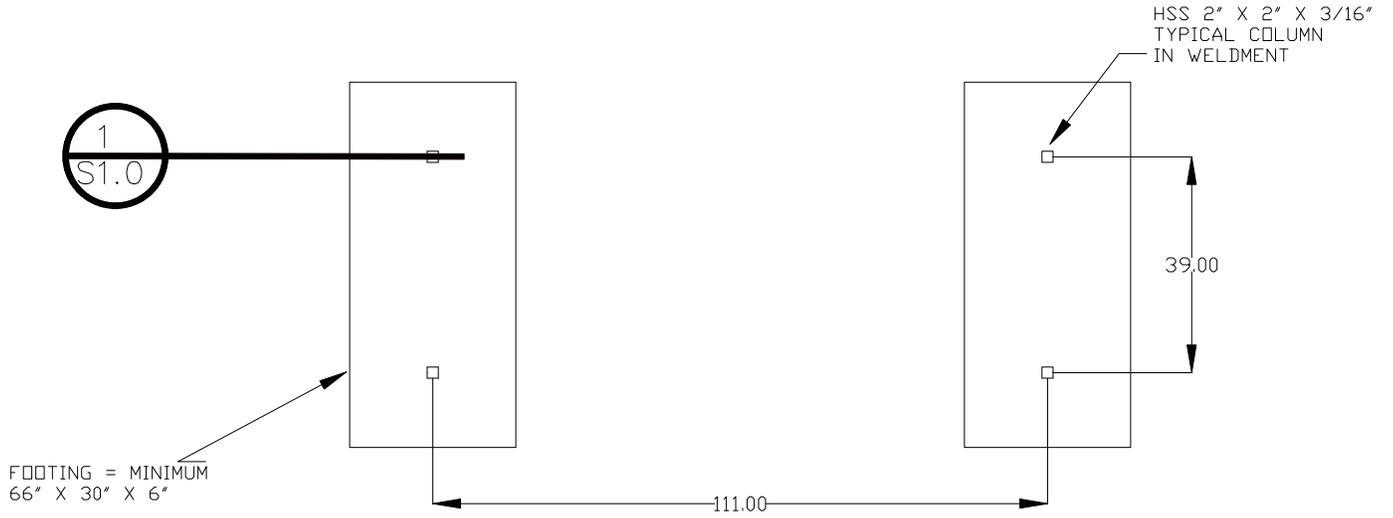


Polycarbonate Panel



Polycarbonate Flange

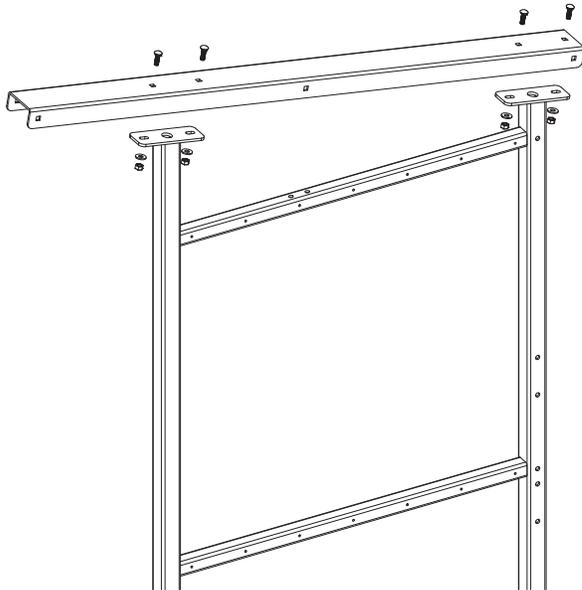
**FOOTING
PLAN**



**TOOLS NEEDED**

Hammer
Drill (hammer drill recommended)
1/2" masonry drill bit
9/16" wrench/socket (2)

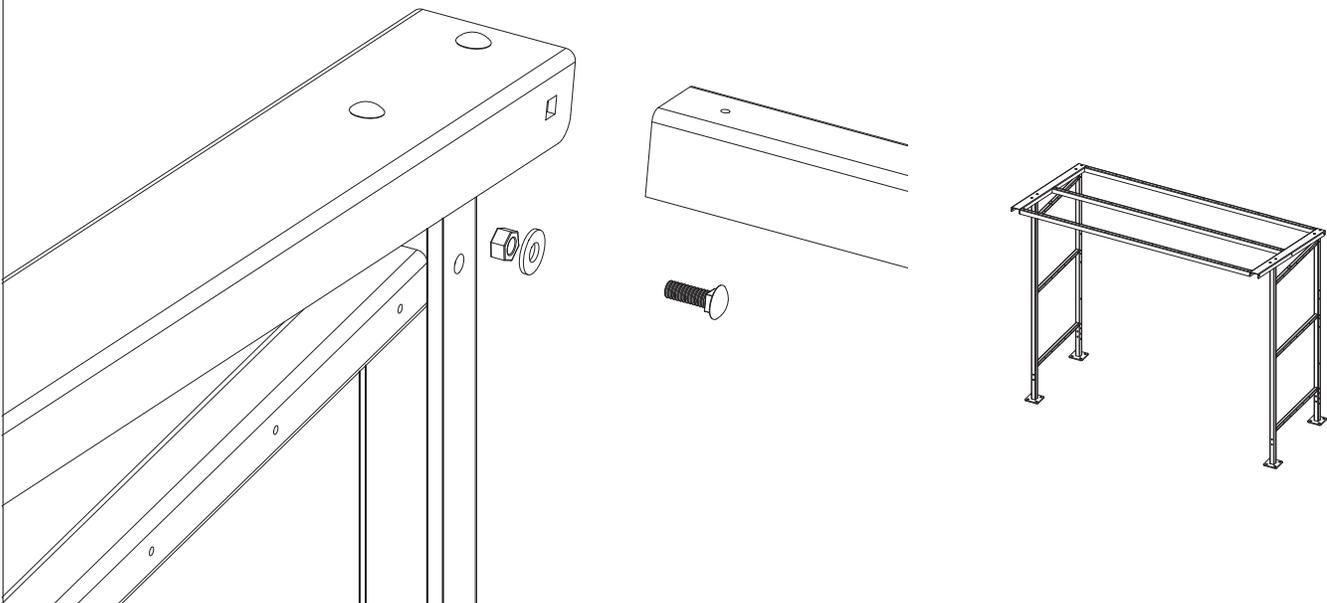
Folding ladder (2)
3/8" socket with drill attachment
2-3 people

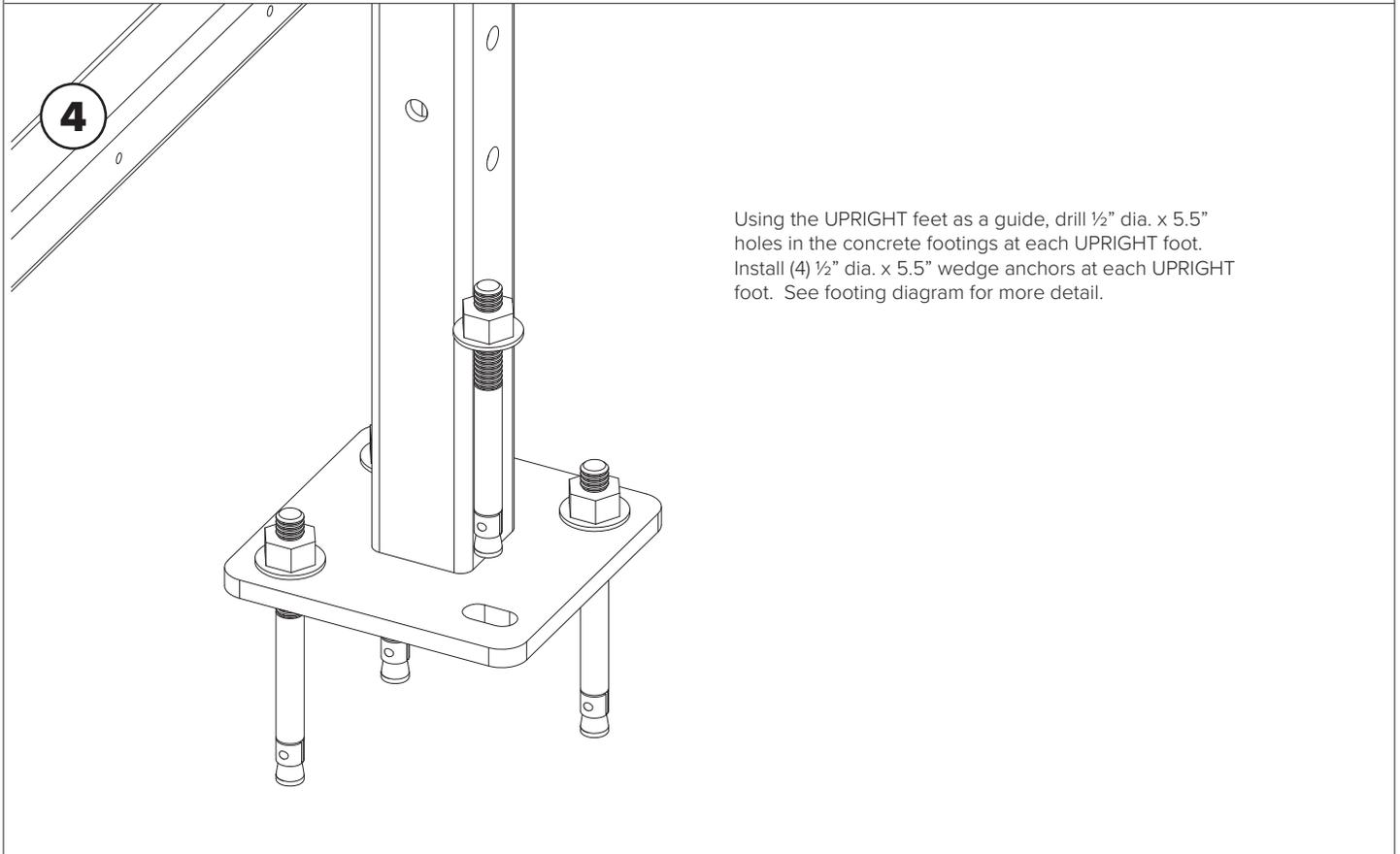
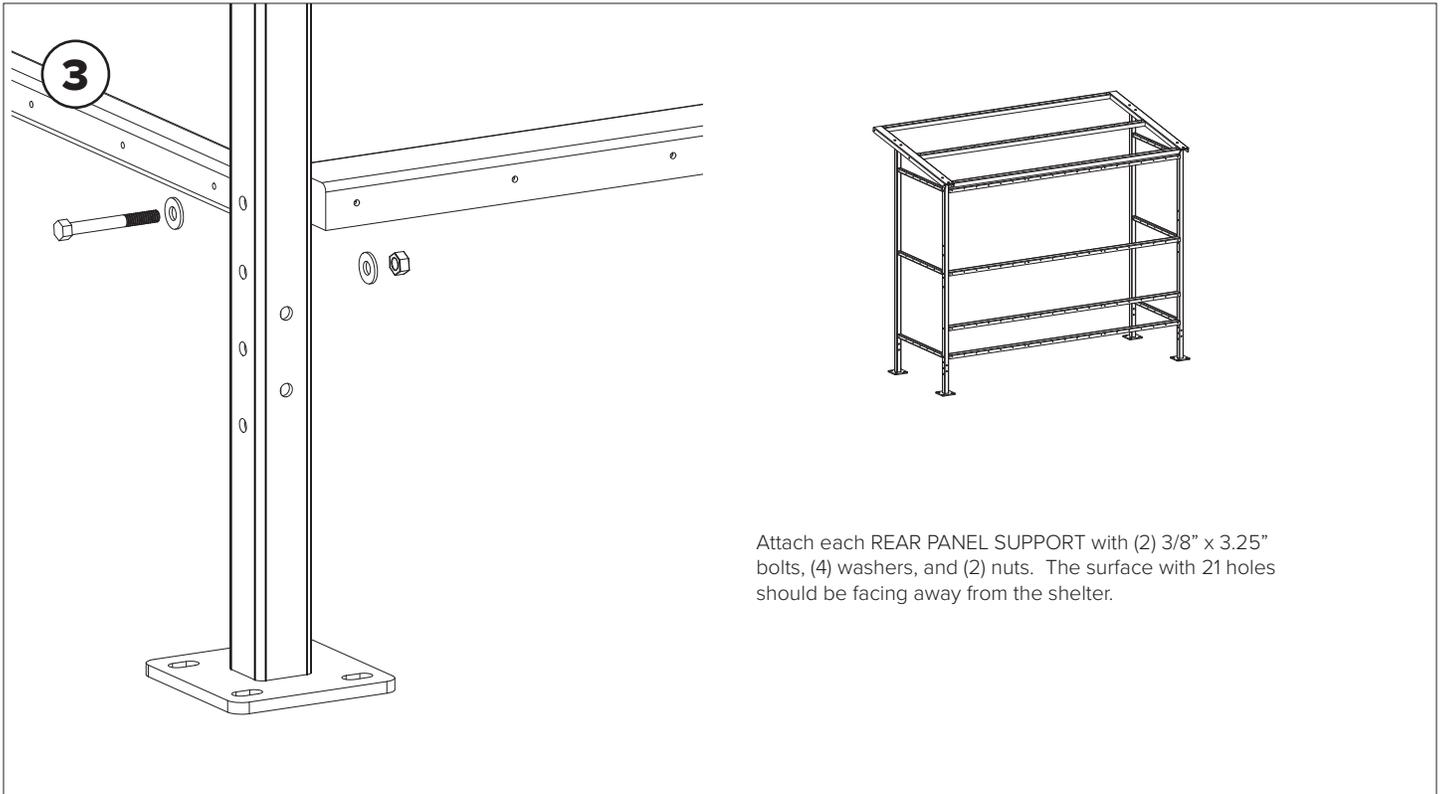
1

Attach the RAFTER TOP to the UPRIGHT with (4) 3/8" x 1" carriage bolts, nuts and washers. Repeat for all RAFTER TOPS and UPRIGHTS.

2

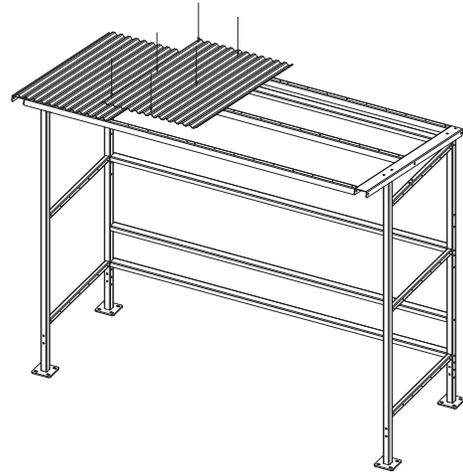
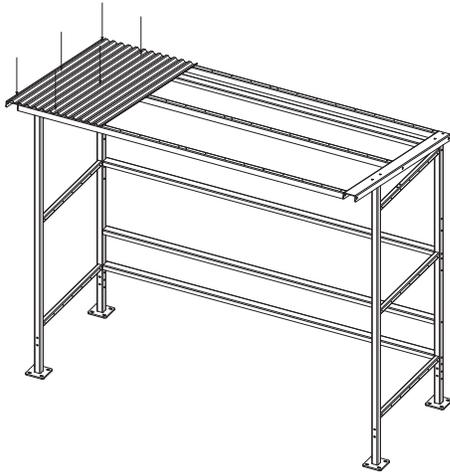
Stand up the UPRIGHT ASSEMBLIES and attach each PURLIN with (2) 3/8" x 1" carriage bolts, nuts and washers. Continue standing up UPRIGHT ASSEMBLIES and attaching PURLINS if building a modular shelter.





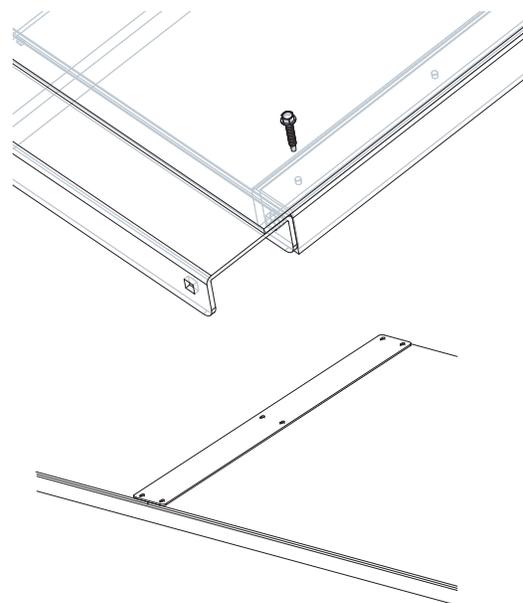
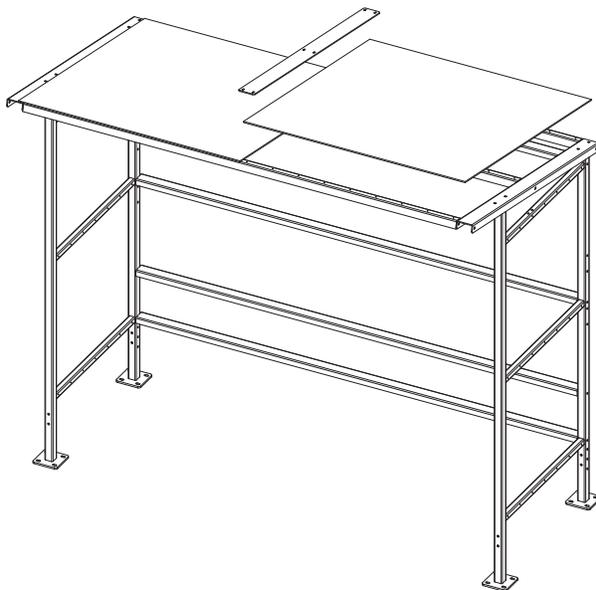
METAL ROOF

If using metal roofing, place the initial section of TYPE S DECK and secure with (6) 1/4" x 1" self-drilling screws. The screws will drill through the TYPE S DECK and shelter without a pilot hole. Place the second section of TYPE S DECK with sufficient overlap and secure with (6) 1/4" x 1" self-drilling screws. Continue with the remaining sections. The last section of TYPE S DECK will receive (9) 1/4" x 1" self-drilling screws.

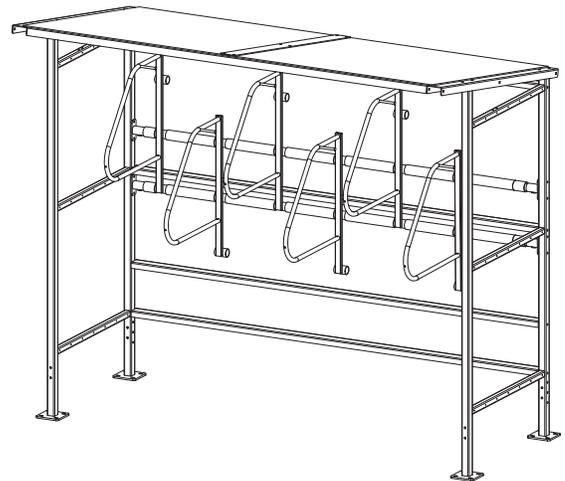
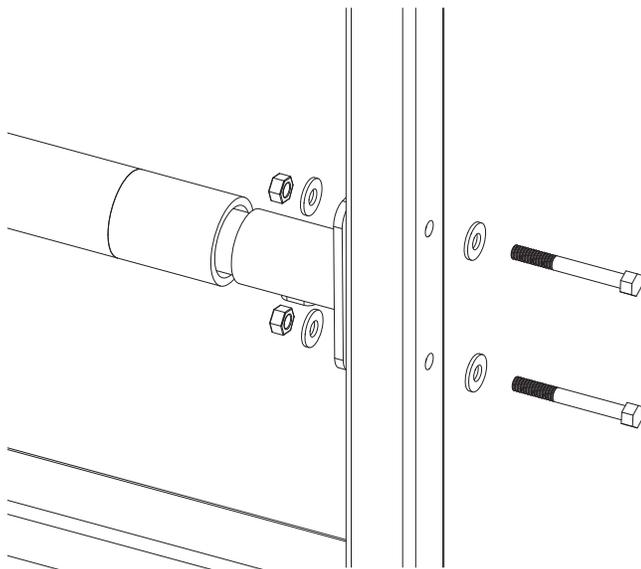
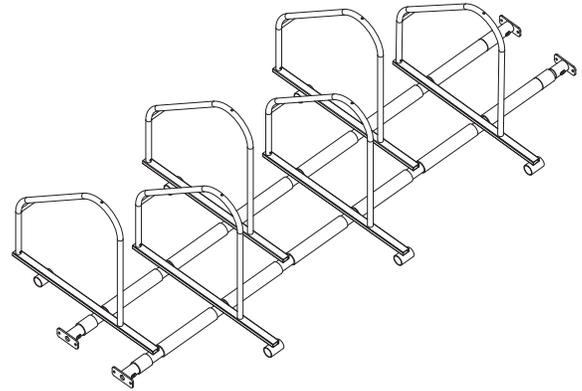
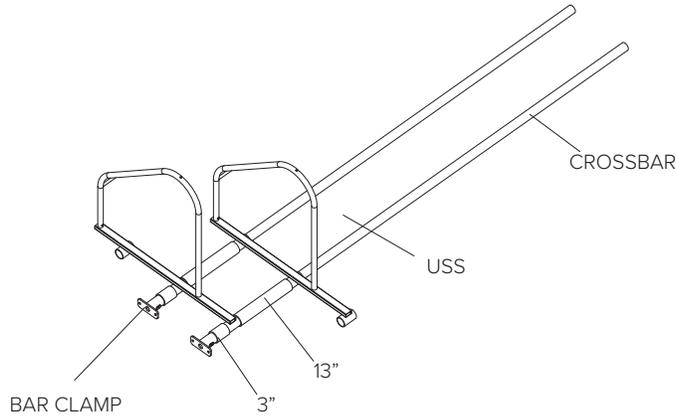


POLYCARBONATE ROOF

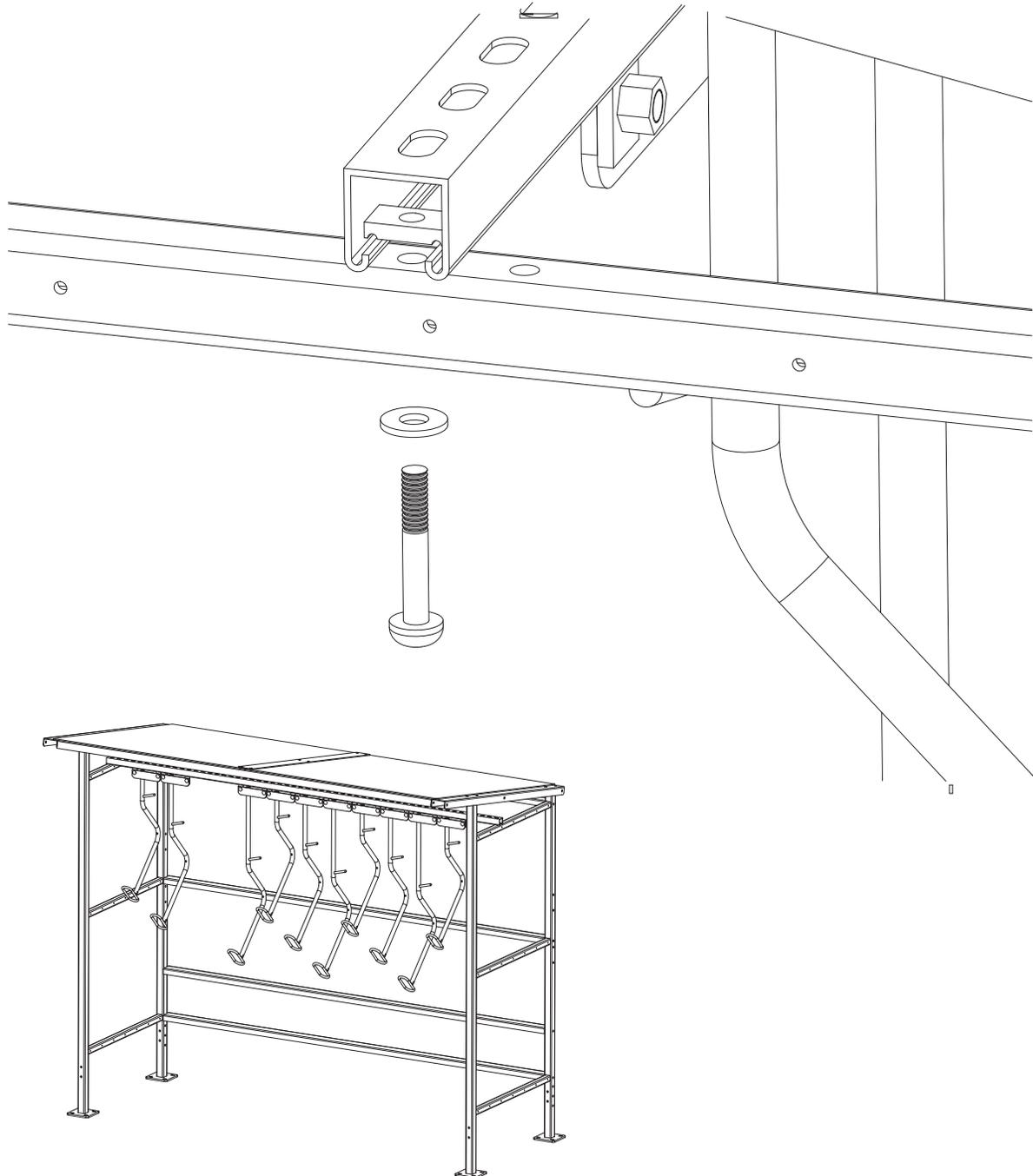
If using polycarbonate roofing, place POLYCARBONATE ROOF PANELS and POLYCARBONATE FLANGE. After locating a pilot hole in the PURLIN, use a 1/4" x 1" self-drilling screw to drill through the POLYCARBONATE ROOF PANEL and into the pilot hole. Confirm the POLYCARBONATE ROOF PANEL is aligned with the shelter and continue with all pilot holes. Use 1/4" x 1.5" self-drilling screws when attaching the POLYCARBONATE FLANGE.



If using Ultra Space Saver racks, assemble the racks, secure each BAR CLAMP to CROSSBARS with (2) 3/8" x 1/2" bolts, lift into place, and secure to shelter with (8) 3/8" x 3.25" bolts, (16) washers, and (8) nuts.

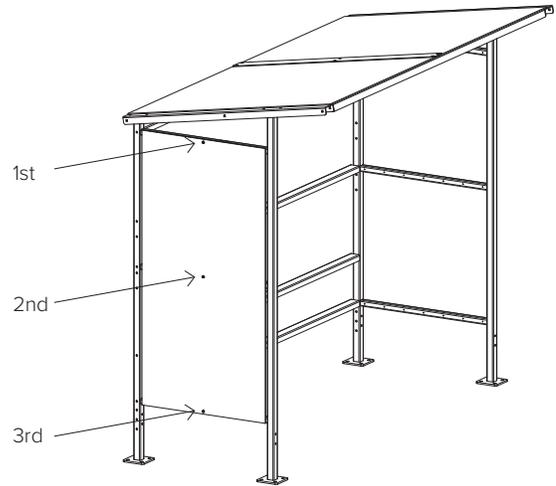
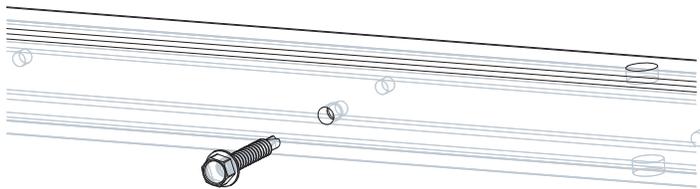


If using Bike File racks, assemble the racks, lift into place, and secure to shelter with (2) 3/8" x 2.5" tamper-resistant bolts, washers, and Unistrut nuts.



SIDE PANELS

If using side panels, place the PANEL with the single pre-drilled hole oriented towards the top. Align the pre-drilled hole and the corresponding pilot hole in the shelter and secure with a 1/4" x 1" self-drilling screw. Confirm that the PANEL is aligned with the shelter and not bowed. The next self-drilling screws will drill through the PANEL and into the pilot holes at locations 2 and 3. Continue with the next 18 self-drilling screws while working from the center outwards. Repeat for the other side of the shelter.



REAR PANELS

If using rear panels, place the PANEL with the single pre-drilled hole oriented towards the top. Align the pre-drilled hole and the corresponding pilot hole in the shelter and secure with a 1/4" x 1" self-drilling screw. Repeat for the next (2) rear PANELS. Confirm that the PANELS are aligned with the shelter and each other and not bowed. The next self-drilling screws will drill through the PANEL and into the pilot holes at locations 2, 3, and 4. Continue with the next 24 self-drilling screws in each PANEL while working from the center outwards.

