

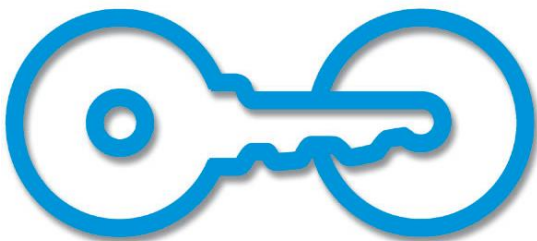


# Bike Haven



The Bike Haven bridges the gap between short and long term bike parking. Starting with a simple canopy design, the design team worked to provide a solid, secure structure with full coverage. Optional polycarbonate side and back panels are available for additional protection.

The Bike Haven is available with or without racks to accommodate existing bike parking. And as demand grows, the Bike Haven's modular design makes it easy to add more sections.



**American Bicycle Security Company**

P.O. Box 7359

Ventura, CA 93006

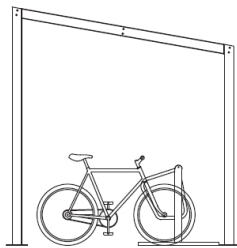
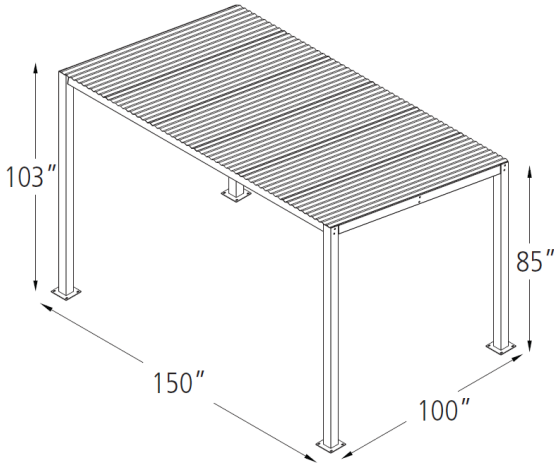
Ph: (800) 245-3723 or (805) 933-3688

Fax: (805) 933-1865

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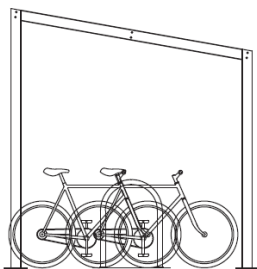
Email: [turtle@ameribike.com](mailto:turtle@ameribike.com)

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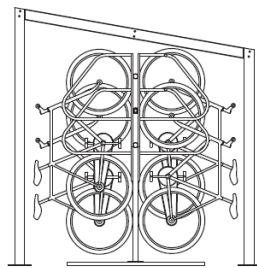
## Campus Rack

With Side Panels: 4 Bikes  
No Side Panels: 6 Bikes



## Hoop Racks

With Side Panels: 8 Bikes  
No Side Panels: 10 Bikes



## Ultra Space Saver

Single Sided: 7 Bikes  
Double Sided: 14 Bikes

**Product** Bike Haven  
**Materials** Uprights: 4" x 3/16" square tube.  
Feet: 3/8" plate  
Roof Member: 4" x 3/16" square tube  
Roof Member Long: 2" x 4" x 1/8" tube  
Roof Panels: Type S deck 26g galvanized steel  
Panels: 1/4" clear polycarbonate with 1.77" square aluminum framing

**Finishes** Standard options: Galvanized



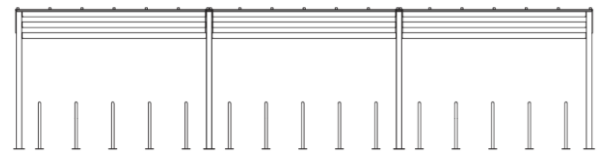
Powder Coated

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				

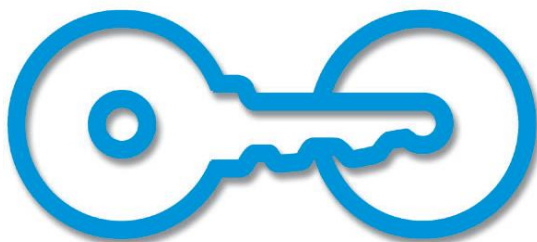
**Installation Methods** **Surface Mount** has 10" square feet which must be anchored to the ground with supplied anchors.

**Space Use & Setbacks** Consult local building codes for acceptable setbacks and placement.

**Load Data** Dead load = self weight of structure  
Live load = 40 psf  
Wind load = 90 mph exposure B  
Seismic load = moderate  
Footing: see page 4  
Anchors: 1/2" diameter x 4.25" Simpson Strong-bolt 2



\*These can also be modular.



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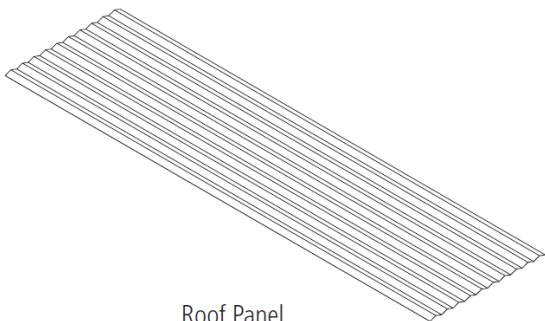
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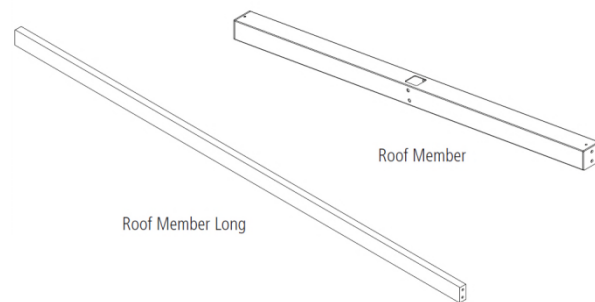
### Tools needed for Installation:

Tape Measure  
Marker or pencil  
Level  
Hammer  
Rubber Mallet  
Drill (Hammer Drill Recommended)  
5/16" Socket with drill attachment

1/2" Masonry Bit  
3/4" Wrench/Socket  
9/16" Wrench/Socket  
Phillips Head Screwdriver  
Heavy Lifting Equipment  
1/4" Masonry Drill Bit (for panels)  
1/2" Drill Bit (for panels)

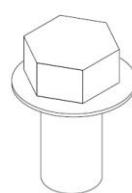


Roof Panel

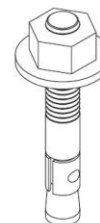


Roof Member

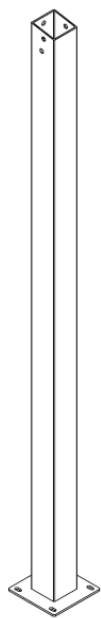
Roof Member Long



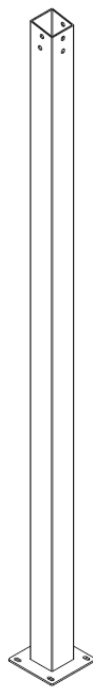
.5" X 1.25" Bolt  
and washer



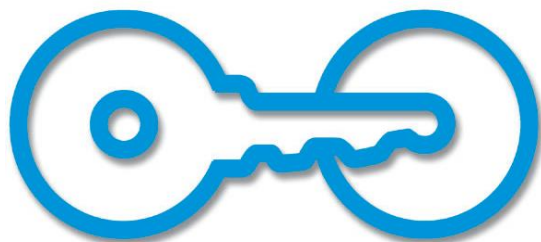
Wedge Anchor



Upright Short



Upright Tall



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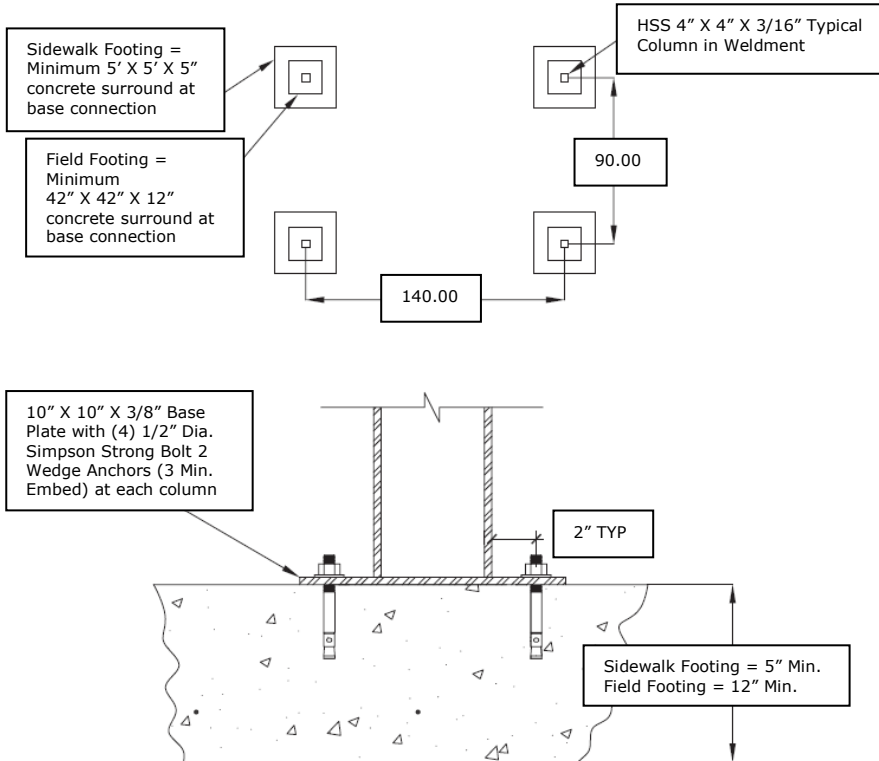
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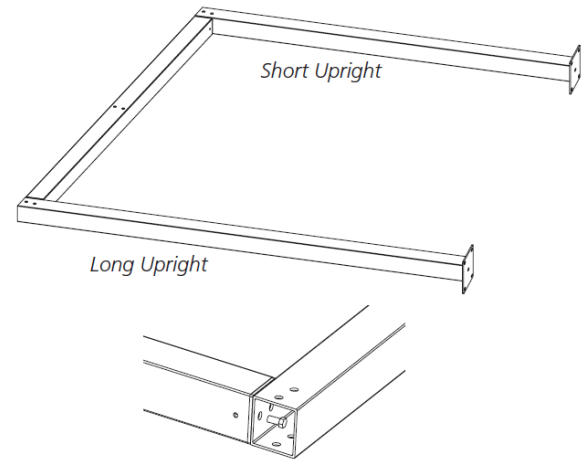
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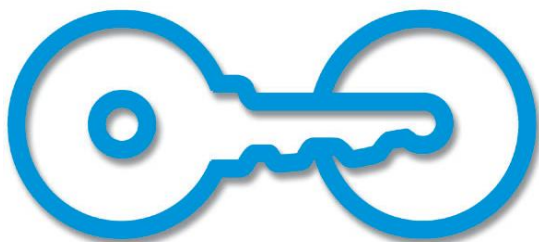
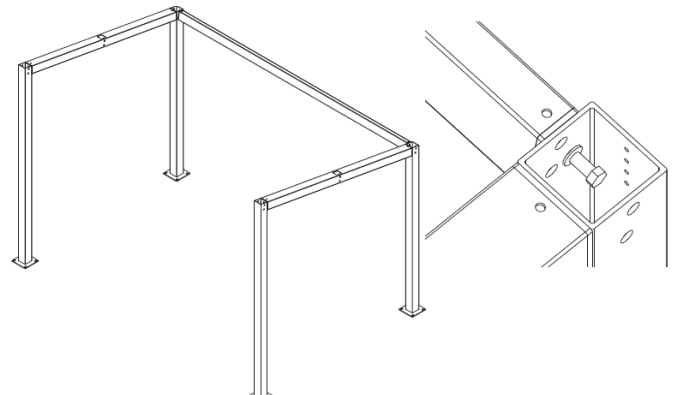
1. Customer is responsible for preparing the slab with minimum strength of 2500psi as shown



2. Lay an UPRIGHT SHORT and UPRIGHT TALL on the ground parallel to each other and about 86" apart. Lay a ROOF MEMBER between the two uprights and attach with four 1/2" bolts (finger tight). Note that the open square in the middle of the ROOF MEMBER should be facing the top of the assembly. Repeat this step for the other UPRIGHTS and ROOF MEMBER.



3. With the help of 2 assistants, stand both UPRIGHT ASSEMBLIES up, about 136" apart. Lift a ROOF MEMBER LONG into place and attach it with four 1/2" bolts (finger tight). Lift the remaining ROOF MEMBER LONG pieces into place and attach them with four 1/2" bolts each. If installing additional units, repeat step 3 until all framework is assembled. Tighten all 1/2" bolts.



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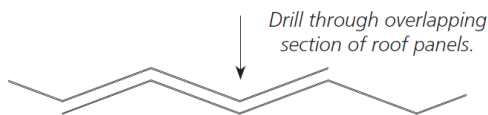
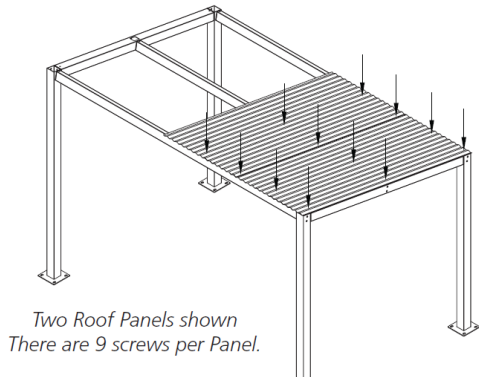
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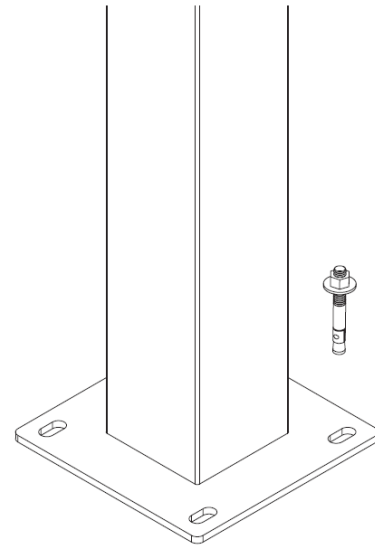
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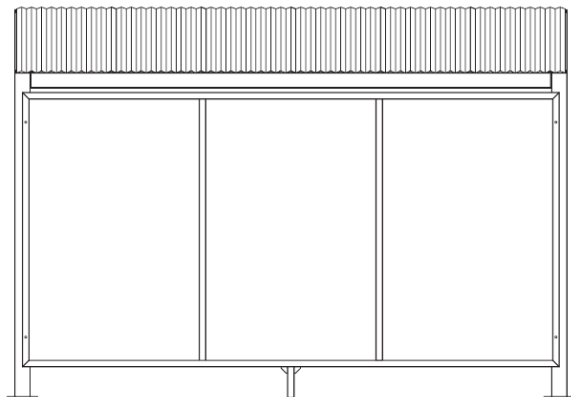
4. Place the initial ROOF PANEL at one end of the assembly. The panel should cover both openings at the top of the uprights. With a self-drilling screw, drill through the ROOF PANEL and ROOF MEMBER LONG in noted points. You may want to clamp a wood 2x4 to both UPRIGHT SHORTS at the level of the ROOF panel, so that all the ROOF PANELS stay aligned with each other. Place the next ROOF PANEL in place, drill where noted. Repeat with the rest of the ROOF PANELS. ROOF PANELS should overlap by the noted amount. The last ROOF PANEL may overlap more.



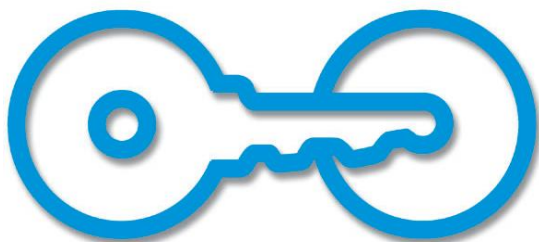
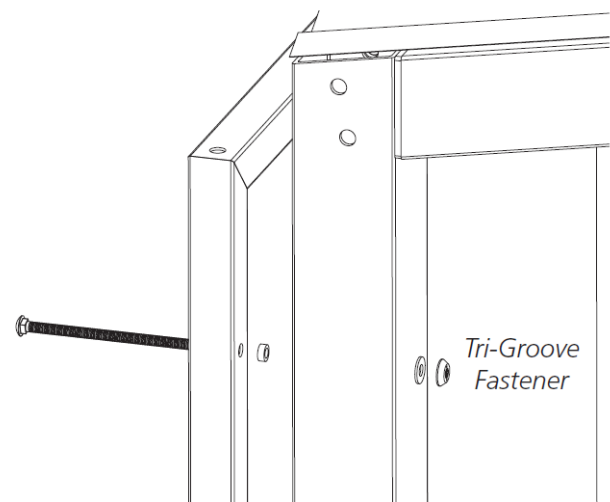
5. Drill  $\frac{1}{2}$ " holes in the ground at the four slotted holes in the UPRIGHTS and secure the UPRIGHTS with  $\frac{1}{2}$ " wedge anchors. If adding side panels, continue to step 6.



6. **ADDING SIDE AND REAR PANELS** Place the REAR PANEL in place and clamp it to the UPRIGHT SHORTS. Using the four  $\frac{1}{2}$ " holes in the REAR PANEL as a guide, drill through both walls of the UPRIGHT SHORTS with a  $\frac{3}{8}$ " drill bit.



7. Bolt the REAR PANEL to the UPRIGHT SHORTS with the aluminum spacers in between the REAR PANEL and UPRIGHT SHORTS.



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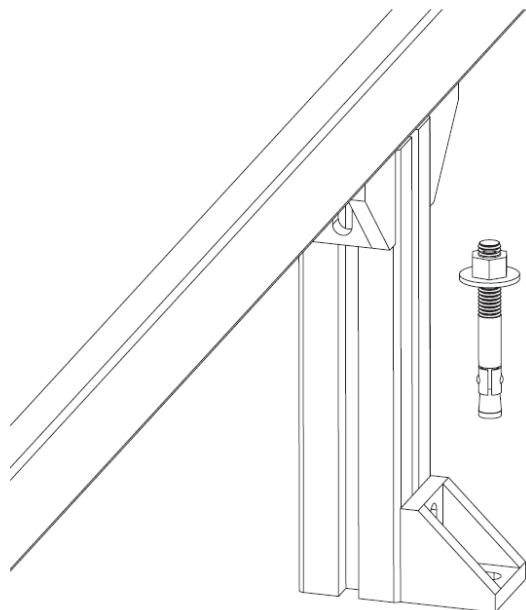
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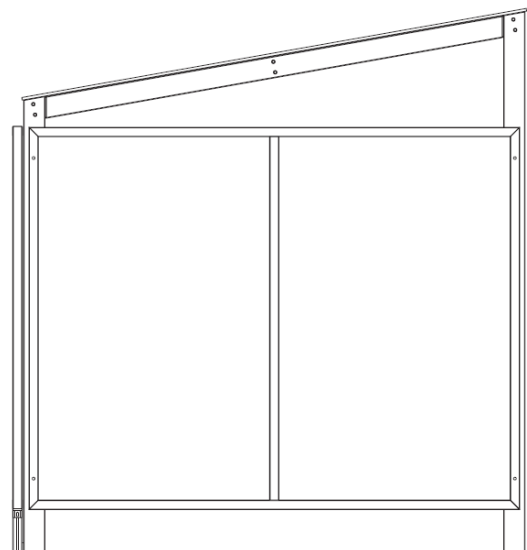
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8. Drill a 1/4" hole in the ground at the slotted hole in the REAR PANEL foot and secure with a 1/4" wedge anchor.



9. Place the SIDE PANEL in place and clamp it to the UPRIGHTS. Using the four 1/2" holes in the SIDE PANEL as a guide, drill through both walls of the UPRIGHTS with a 3/8" drill bit. Bolt the SIDE PANEL to the UPRIGHTS with the aluminum spacers in between the SIDE PANEL and UPRIGHTS. Repeat for the other SIDE PANEL.



**Installing Add On units to an Existing Shelter:**

1. Remove the SIDE PANEL from the side of the shelter the addition will be added, if applicable. The SIDE PANEL will then be reinstalled on the last addition. Remove one ROOF PANEL adjacent to the side of the shelter the addition will be added . Refer to "Bike Haven Installation Instructions" to complete the addition.

