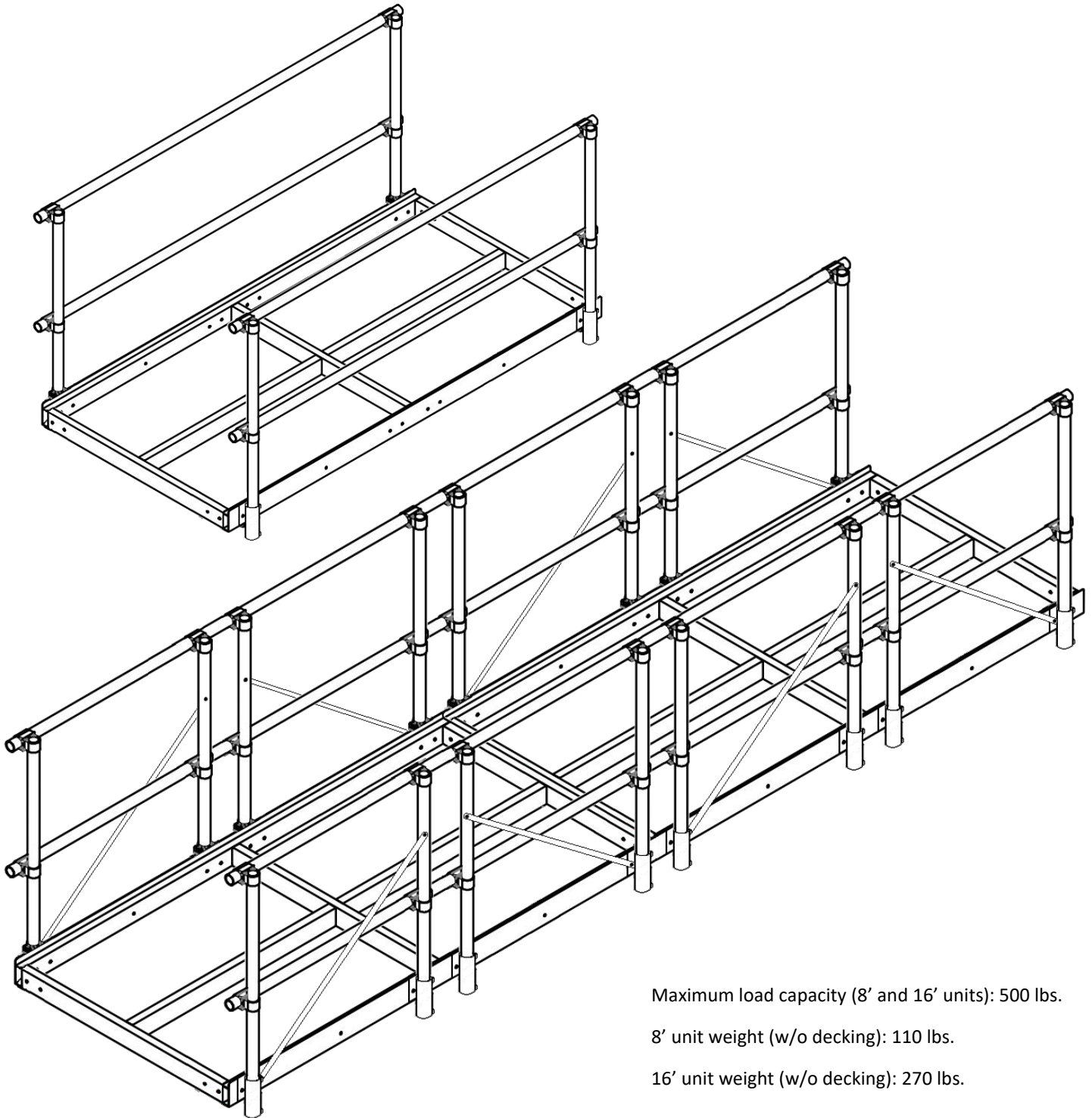




8' and 16' Gangway

Assembly Instructions



Maximum load capacity (8' and 16' units): 500 lbs.

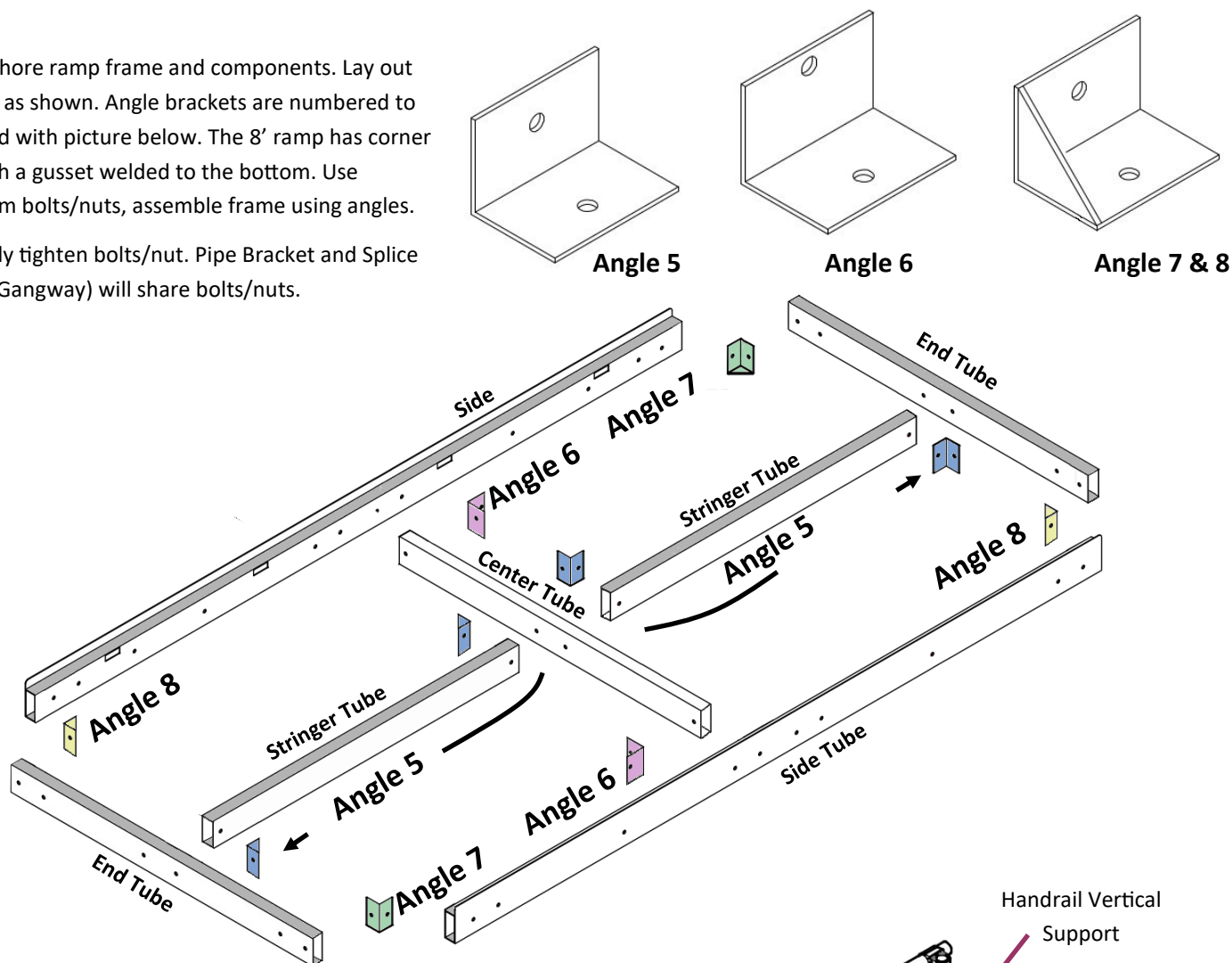
8' unit weight (w/o decking): 110 lbs.

16' unit weight (w/o decking): 270 lbs.

Low-Profile Frame Assembly (PN10835)

-Unwrap shore ramp frame and components. Lay out the pieces as shown. Angle brackets are numbered to correspond with picture below. The 8' ramp has corner angles with a gusset welded to the bottom. Use M10x60mm bolts/nuts, assemble frame using angles.

TIP: Loosely tighten bolts/nut. Pipe Bracket and Splice Tube (16' Gangway) will share bolts/nuts.

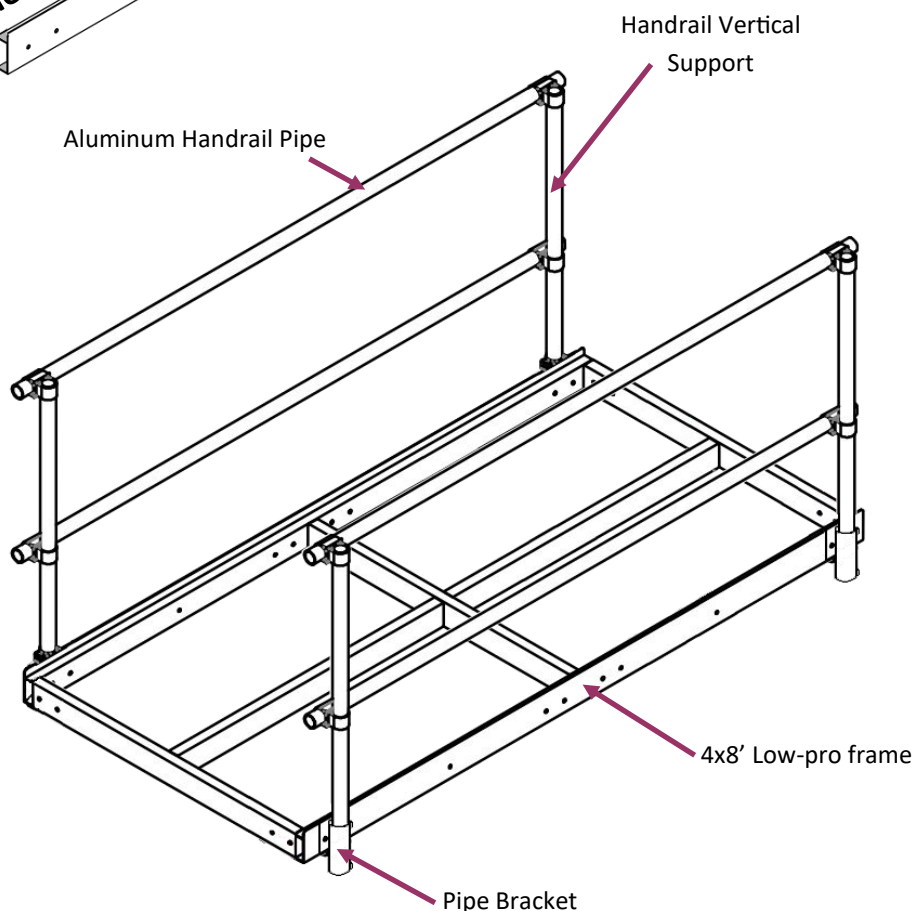


8' Gangway Installation

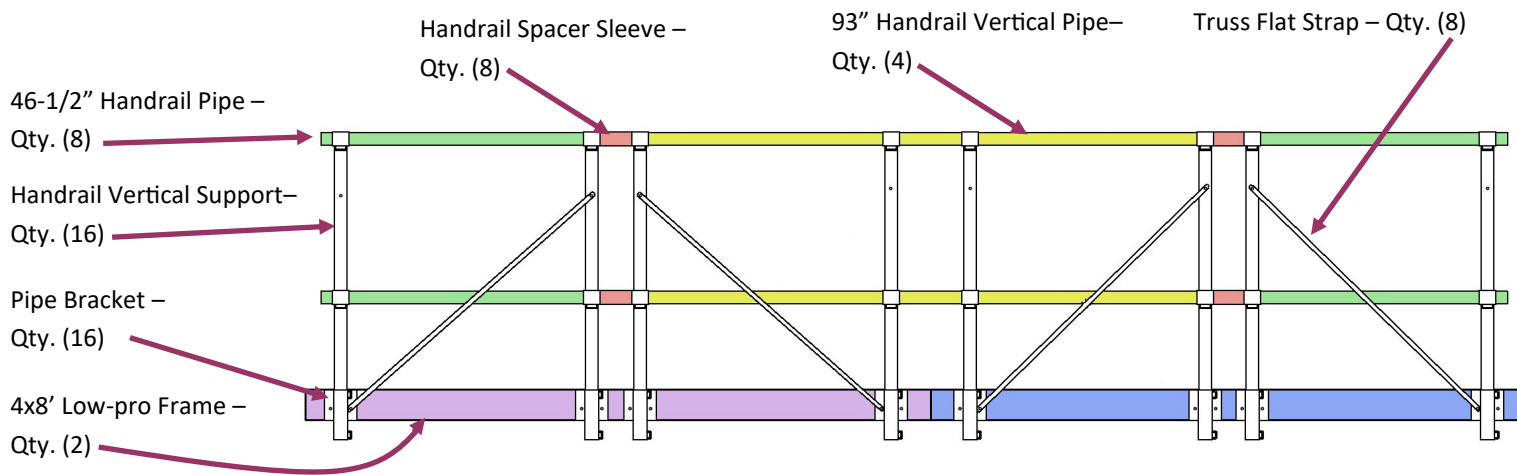
Step 1. Once Frame is loosely assembled, mount the pipe bracket to the 4x8' low-pro frame using M10x60mm bolt/nut. Mount at each end of the 8' Side Rail.

Step 2. Install Handrail Vertical Supports in the pipe bracket. Handrail Vertical Supports can be orientated inside the Gangway or outside. Both ends should be set equally, then tighten set screws.

Step 3. Install each horizontal aluminum pipe through the sleeves on the Handrail Vertical Supports and into position. Tighten set screws.

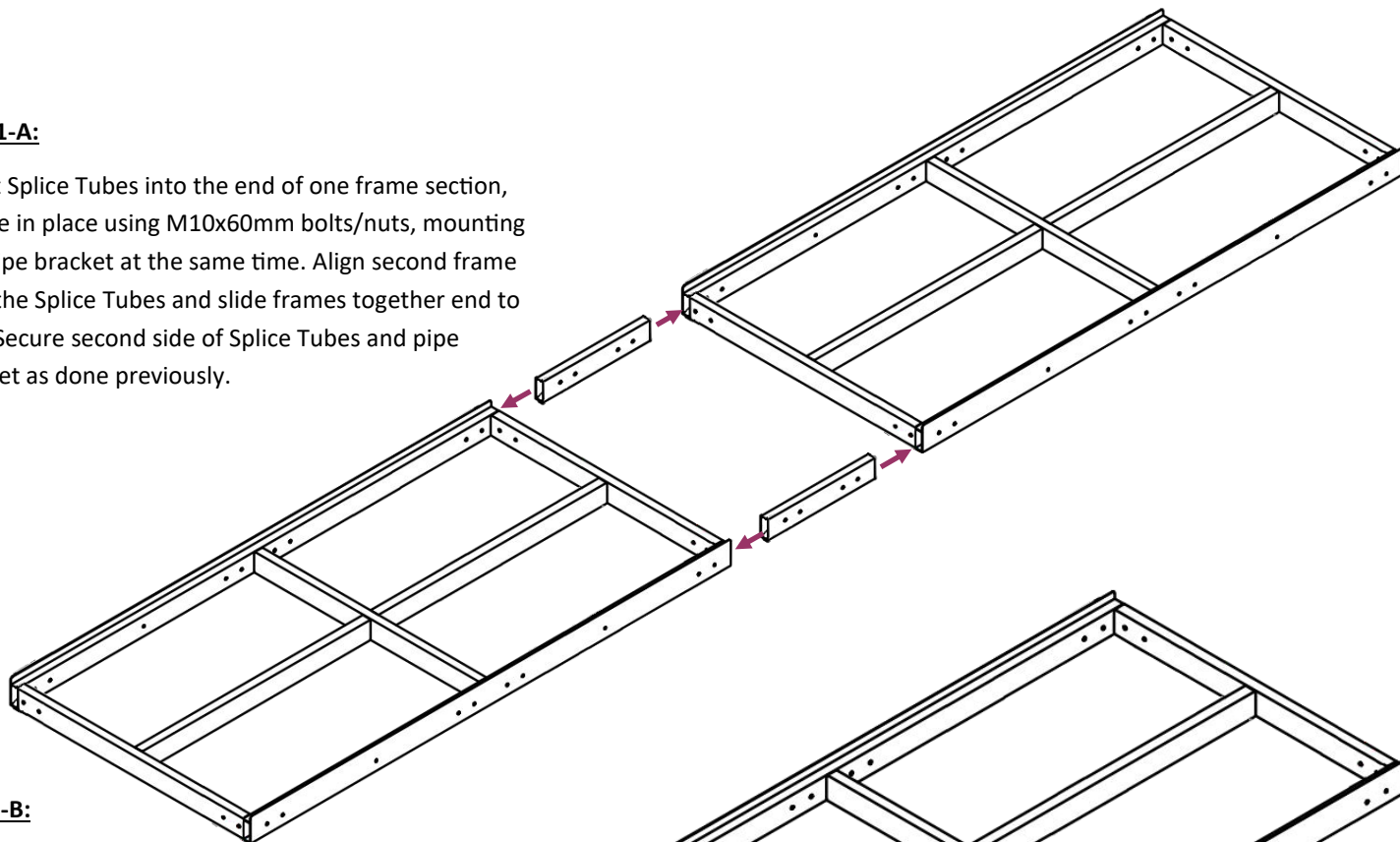


Part Identification - 16" Gangway Assembly



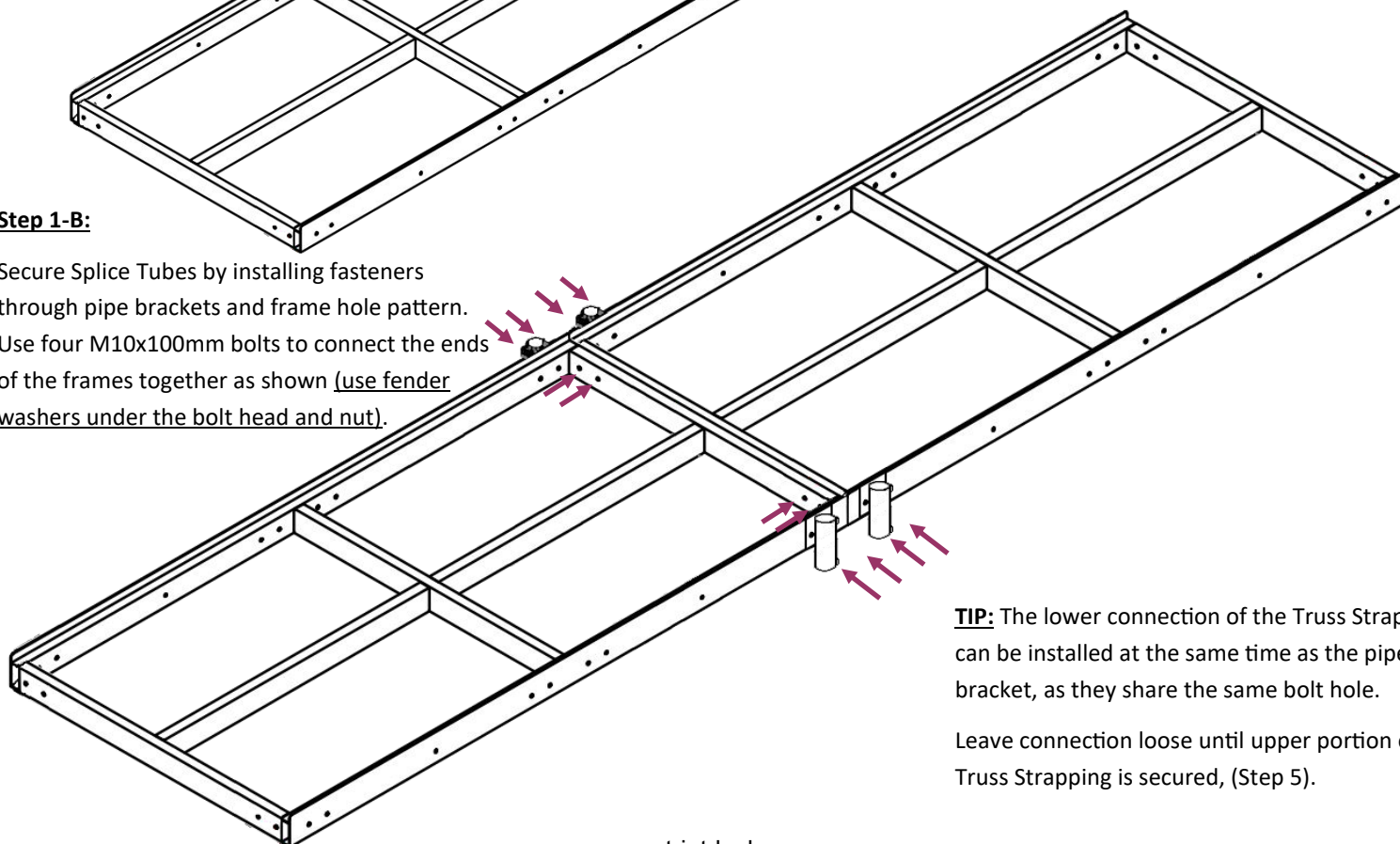
Step 1-A:

Insert Splice Tubes into the end of one frame section, secure in place using M10x60mm bolts/nuts, mounting the pipe bracket at the same time. Align second frame with the Splice Tubes and slide frames together end to end. Secure second side of Splice Tubes and pipe bracket as done previously.



Step 1-B:

Secure Splice Tubes by installing fasteners through pipe brackets and frame hole pattern. Use four M10x100mm bolts to connect the ends of the frames together as shown (use fender washers under the bolt head and nut).

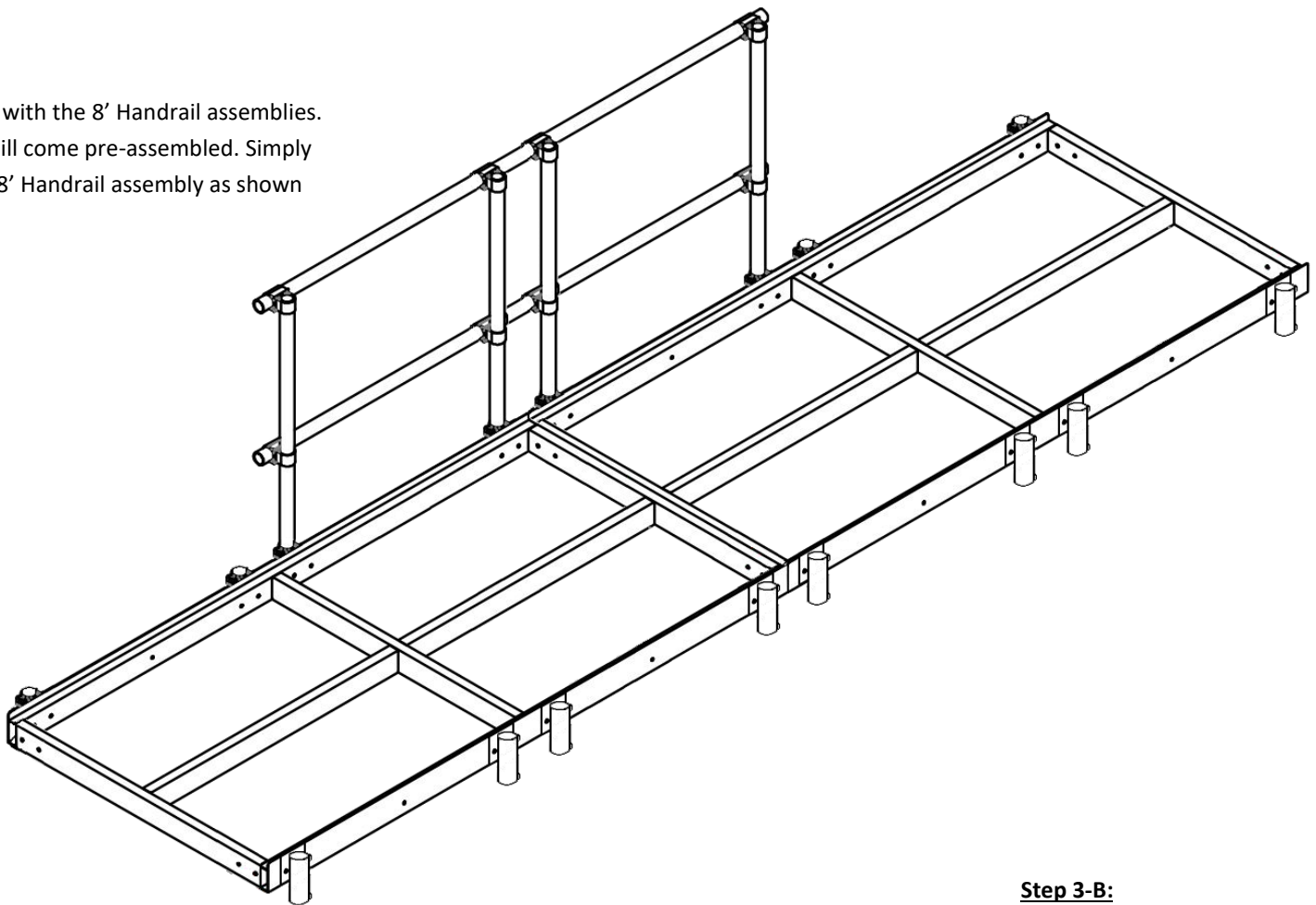


TIP: The lower connection of the Truss Strapping can be installed at the same time as the pipe bracket, as they share the same bolt hole.

Leave connection loose until upper portion of Truss Strapping is secured, (Step 5).

Step 2:

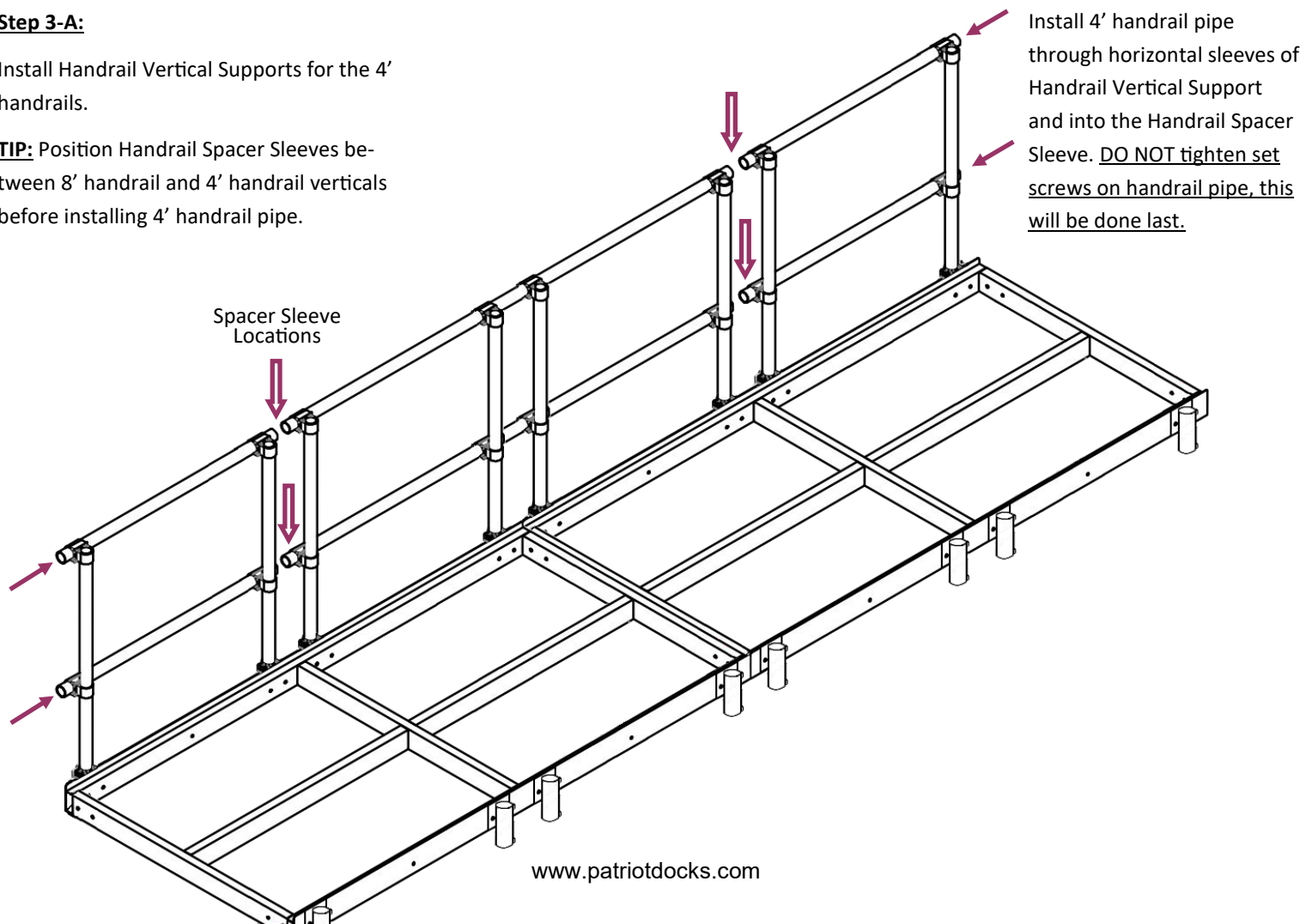
Starting with the 8' Handrail assemblies. These will come pre-assembled. Simply drop in 8' Handrail assembly as shown below.



Step 3-A:

Install Handrail Vertical Supports for the 4' handrails.

TIP: Position Handrail Spacer Sleeves between 8' handrail and 4' handrail verticals before installing 4' handrail pipe.

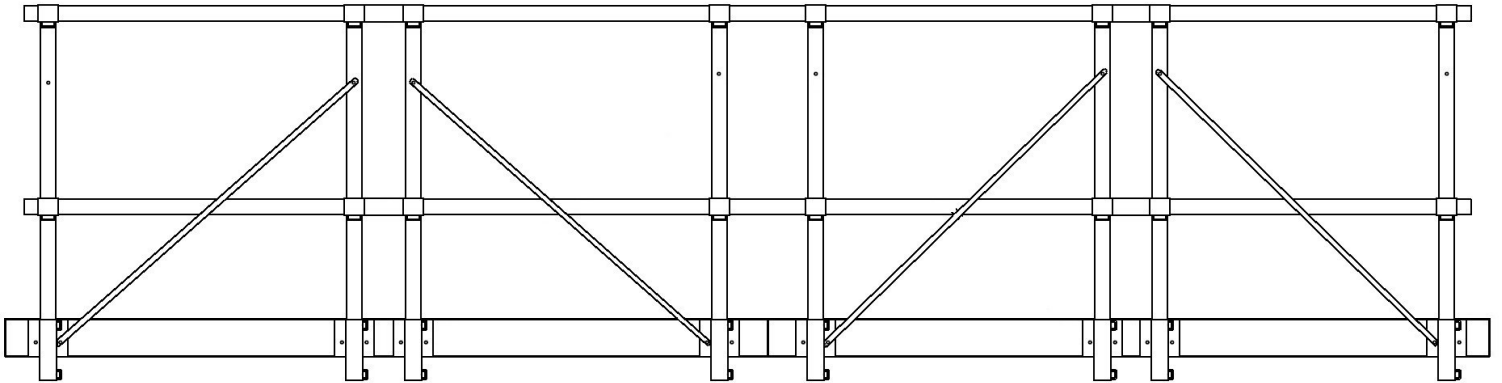


Step 3-B:

Install 4' handrail pipe through horizontal sleeves of Handrail Vertical Support and into the Handrail Spacer Sleeve. DO NOT tighten set screws on handrail pipe, this will be done last.

Step 4-A:

Install aluminum flat strap between Handrail Vertical Supports as shown below. Slightly adjust Handrail vertical up or down to align the strap with the mounting hole.



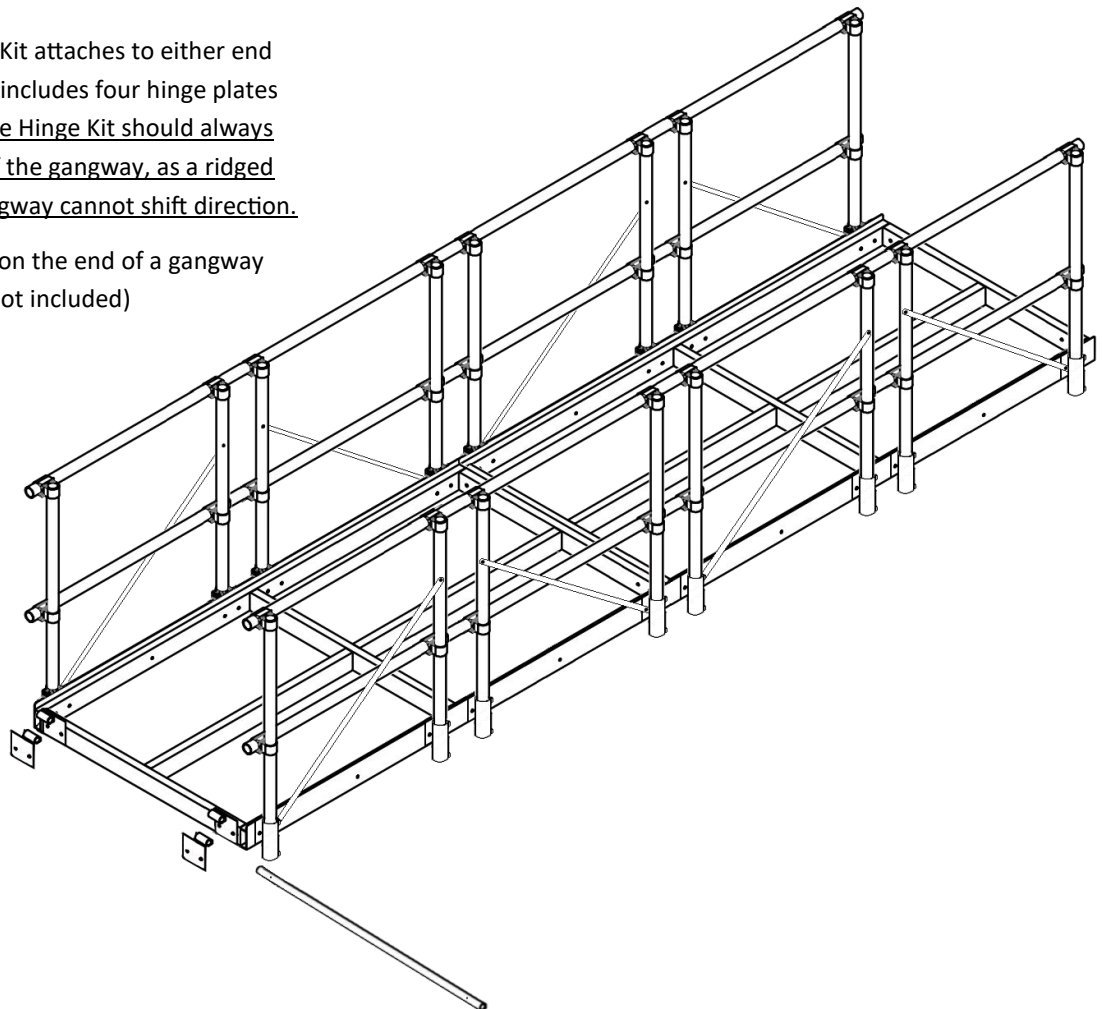
Step 4-B:

Lastly, the handrail components are tightened up, starting with all M10 bolts securing pipe brackets and truss strapping. Next the Handrail Vertical Support set screws (M12 stainless bolts) are tightened onto the handrail pipe, starting with the 8' handrail. Next, the 4' handrail assemblies should be pulled tight to the 8' assembly before tightening the set screws against the 4' handrail pipe (**TIP: Help from a second person or using a ratchet strap to gently pull the handrail assemblies together works great**). The Handrail Vertical Supports should be secured tightly against the Handrail Spacer Sleeves when secured in place.

Step 5:

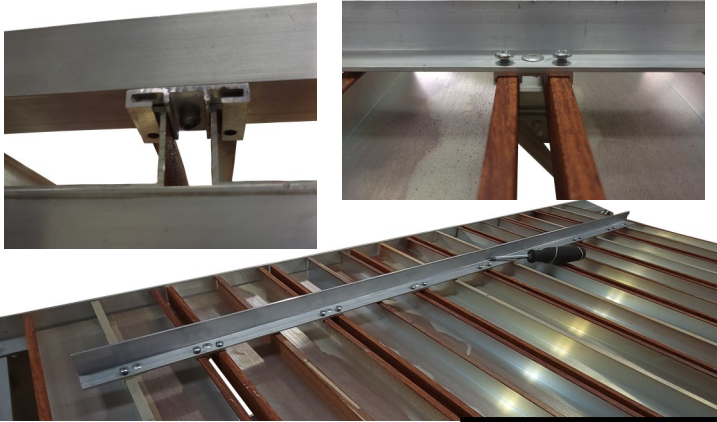
The optional aluminum Hinge Kit attaches to either end of the gangway. The Hinge kit includes four hinge plates and a Ø1" x 48" hinge tube. The Hinge Kit should always be used on at least one end of the gangway, as a ridged connection, to ensure the gangway cannot shift direction.

Rollers wheels are often used on the end of a gangway that rests on a floating pier. (not included)

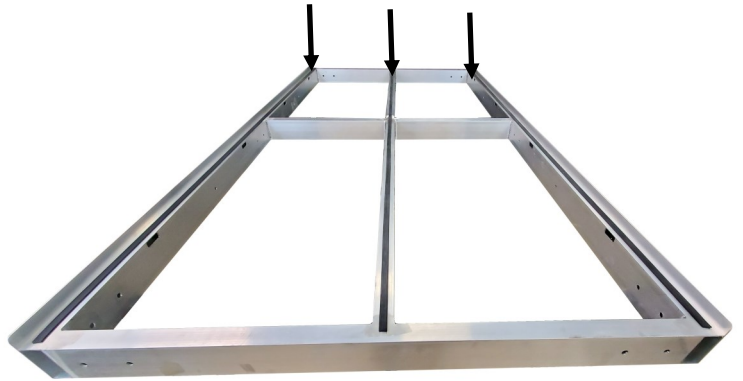


Decking Installation

Lastly, after the dock has been assembled completely, installed in the water and leveled throughout, then the pier is ready for the decking to be installed. The most efficient way to set the decking in place is to start at the shore end of the dock and set each panel in place, working towards the lake end. Removal is the opposite of installation.



When installing Aluminum Deck Panels, first apply the adhesive backed Rubber or Cork Insulator to the aluminum frames. The Insulator is installed down the length of the 8' Side Rails and down the length of the Center Support Tubes. **(Only used with Aluminum Decking)** The Rubber Insulator is not to be installed in the direction of the 4 ft. width, only lengthwise.

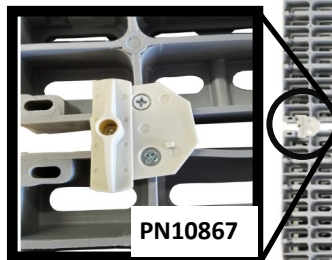


To assemble the **aluminum deck panel**, lay out the deck boards, slide stinger onto boards. Position stinger approx. 12" from edge. Repeat with other stinger on opposite side. Ensure board ends are flush. Tighten set screws to secure panel.



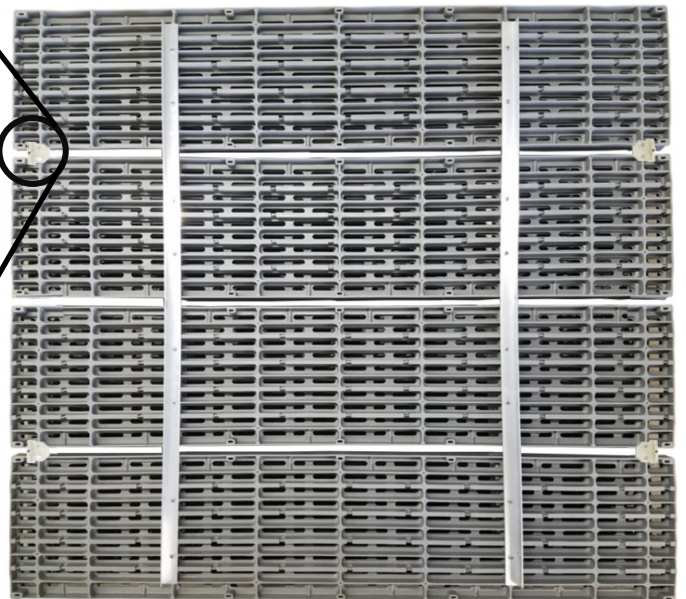
PN10868: Aluminum Deck Lockers can be installed on the panel to secure the decking to the frame.

Sold Separately



To assemble the **poly deck panel**, lay out deck boards. Align stinger with pre drilled hole on bottom side of poly board. Roughly 11-3/4" from edge. Secure with included screw.

PN10867: Deck Locker - Use the optional Deck Locker to secure the 4x4' poly deck panel onto the dock frame.



The Cedar Deck Panel is simply set in place. The cedar panels are sold untreated and can be installed as is. To extend the service life of the cedar deck, a water repellant sealant can be applied (for best results, do not use colored stain).

The Cedar Decking does not utilize a deck locker mechanism but it is recommended that the panels be secured to the frame in some capacity. (zip-ties are commonly used)