

Gangway

Assembly Instructions

8' Gangway
16' Gangway

RECOMMENDED TOOLS



Wrenches or sockets:
M14 (or 9/16")
M15 (or 5/8")



Cordless Drill



Rubber Mallet



Screwdriver
(Phillips)



Work Gloves



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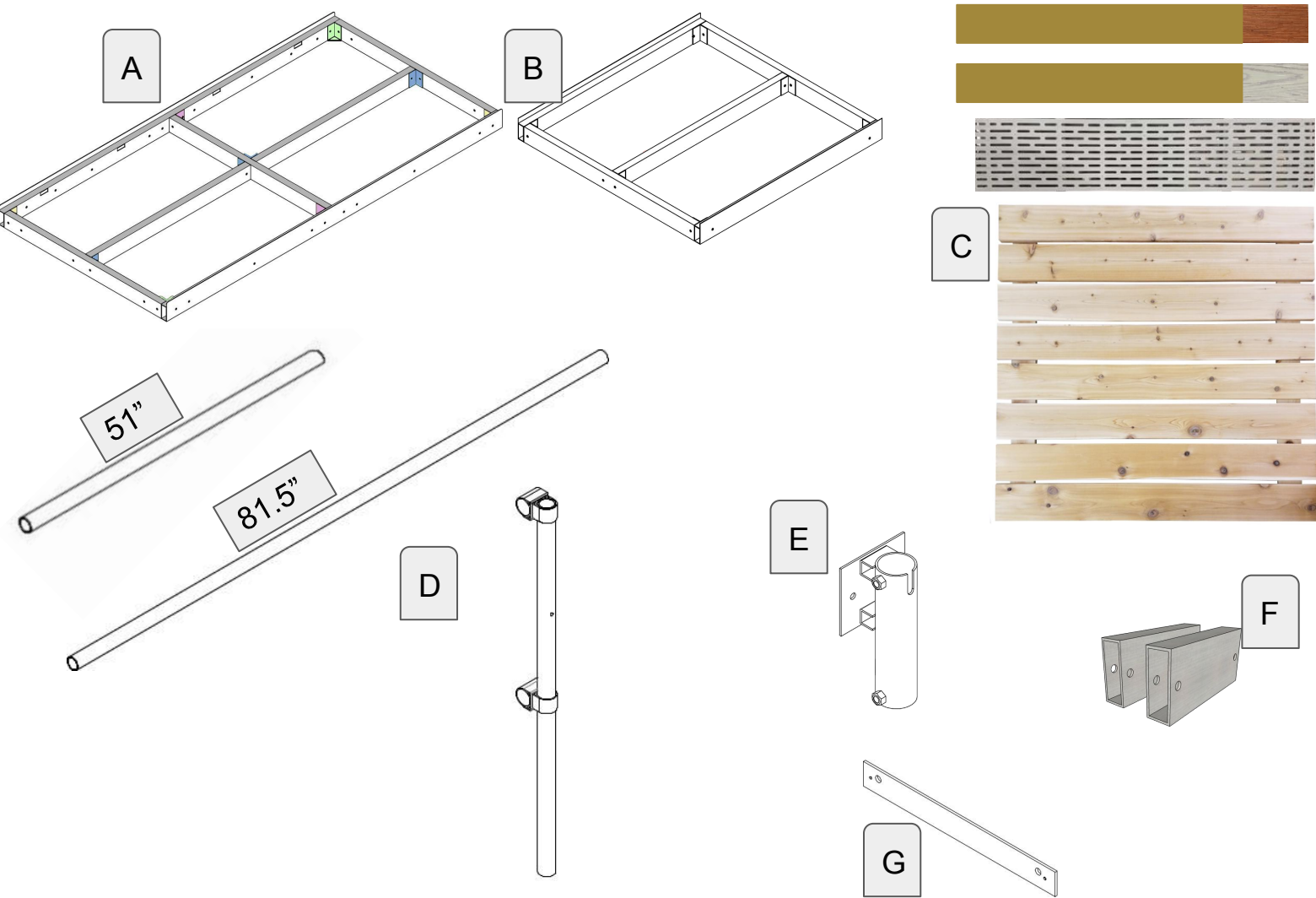
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Gangway

Components

	Part Number	Description	Qty
A	10835	4'x8' Low Pro Frame Assembly (16' & 8' Gangway)	1
B	10834	4'x4' Low Pro Frame Assembly (16' Gangway)	2
C	10870/10851/10957/10967	Decking (Cedar/Poly/Gray Alum/Brown Alum) (16' & 8' Gangway)	4
D	10933	Handrail Assembly (Pipe Lengths = 4 @ 81.5" / 8 @ 51") (16' & 8' Gangway)	4
E	10937	Low Pro Stationary Pipe Holder (16' & 8' Gangway)	8
F	10805	Low Pro Transition Insert (16' Gangway) - Image not shown	4
G	10802	Transition Plate (16' Gangway)	4
H	Variable	Hardware Bag(s)	



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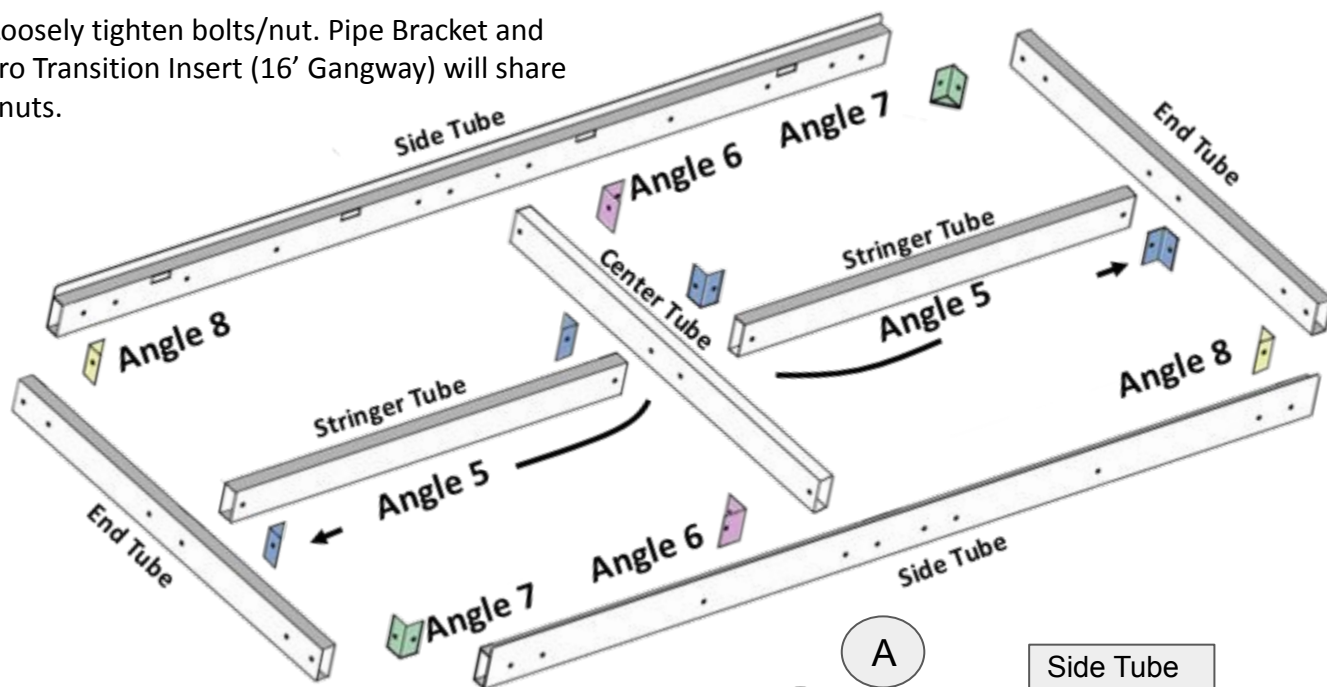
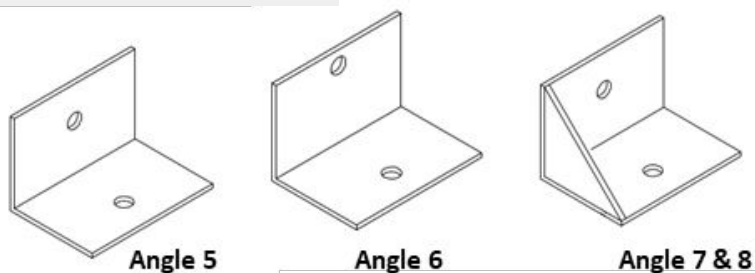
Gangway

Frame Assembly

8' Frame Assembly:

-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.

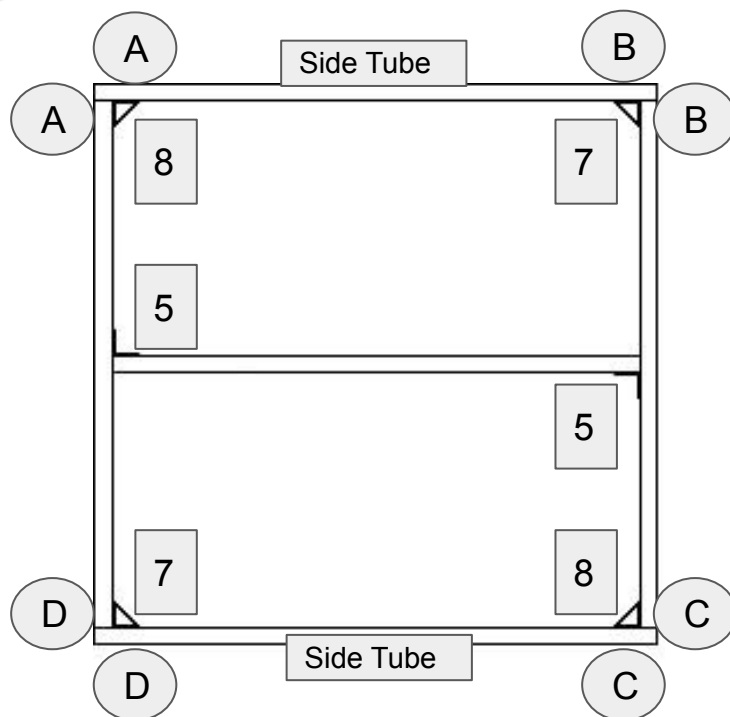
-TIP: Loosely tighten bolts/nut. Pipe Bracket and Low Pro Transition Insert (16' Gangway) will share bolts/nuts.



4' Frame Assembly:

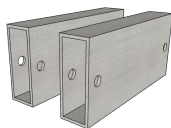
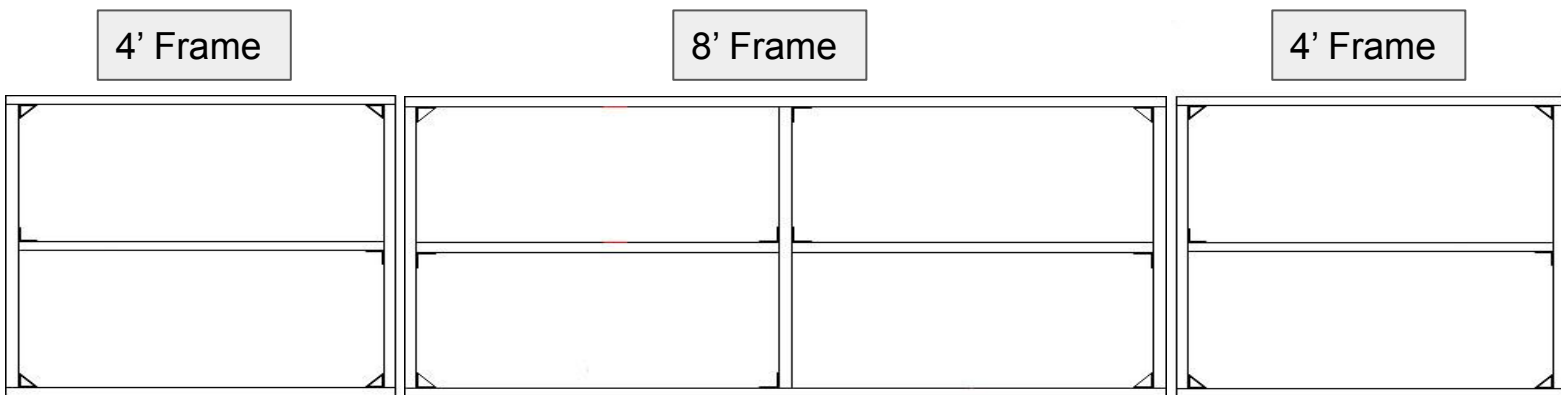
-Unwrap frame and components. Lay out the pieces as shown to the right. Following that diagram, align each tube so the labeled letters match up in all 4 corners. Angles are numbered to correspond with the diagram. Align angles, and assemble using M10x60mm Bolt/Nut.

-TIP: Loosely tighten bolts/nut. Pipe Bracket and Low Pro Transition Inserts (16' Gangway) will share bolts/nuts.

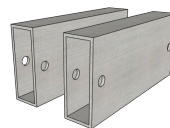


Step 1:

When creating your 16' Gangway use the two 4' frames on the outside, with the 8' frame in between. See image below. Use 4" Bolt kits to connect frames together (remove M10x60mm bolt/nuts and replace with 4" bolt/nuts to connect frames). At the same time install Low Pro Transition Insert tubes, these help increase rigidity at the joints. The Low Pro Transition Insert will share assembly bolts with the corner angle brackets. Install Low Pro Transition Inserts inside the 8' and 4' side tubes.

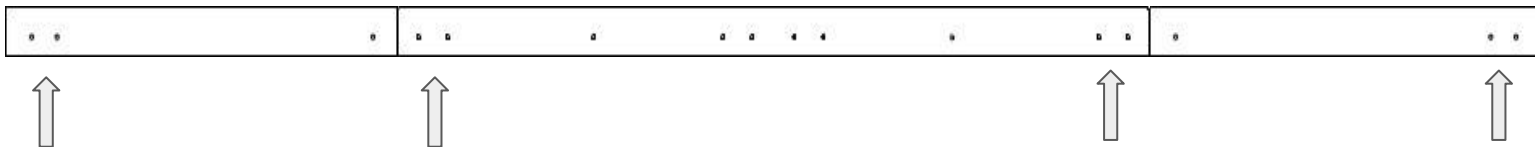


Low Pro Transition Insert connect the 8' and 4' frame together. Slide Transition inserts inside Side Tubes and mount with Frame assembly M10x60 bolt/nuts. Optional Transition plates can be attached at this location, see Step 4 before continuing.



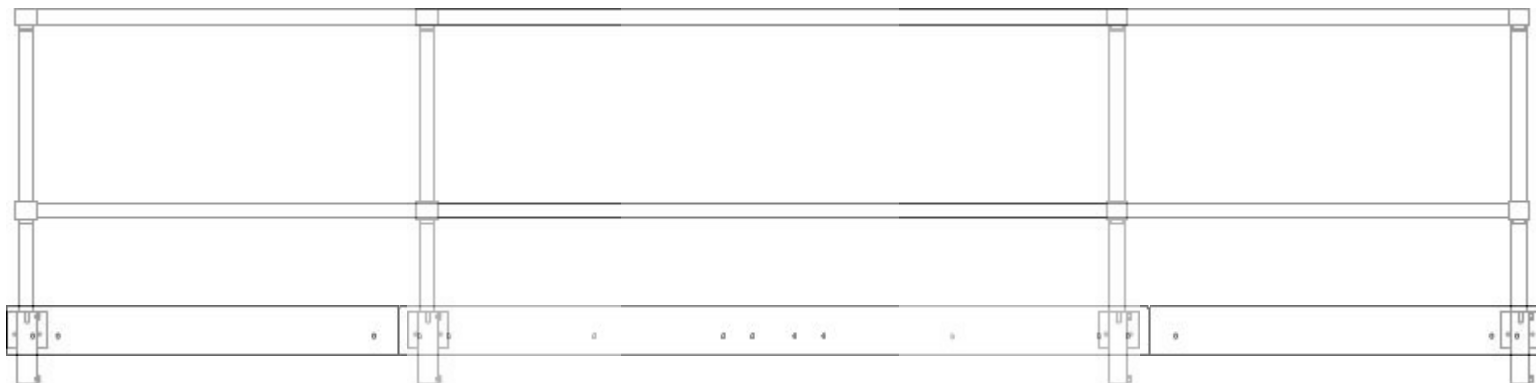
Step 2:

Once you have your 16' Gangway frame assembled, you will then need to add the Low Pro Stationary Pipe Holders. Using the included hardware, mount Low Pro Stationary Pipe Holders on the Side Tubes of the 4' and 8' frames. There will be four Low Pro Stationary Pipe Holders on each side of the 16' Gangway. Two will be mounted on the far ends of your 16' Frame, two more will be mounted on the 8' Side Tubes on the far ends. See image below for mounting locations. Once all Low Pro Stationary Pipe Holders are mounted, tighten all bolts.



Step 3:

Starting in the center of your Gangway on the 8' Side Tube, slip the Handrail Uprights into the Low Pro Stationary Pipe Holders. Slide your Horizontal Handrail Pipe through the Handrail Upright bracket that is welded to it (leave all pinch bolts loose until all handrail verticals and horizontals are installed). Use 81.5" Horizontal Handrail Pipe to span across the 8' Side Tube, you should not see this pipe protrude past the center Handrail Uprights. Install remaining Handrail Uprights in Low Pro Stationary Pipe Holders. Use the remaining 51" Horizontal Handrail Pipes to span the remaining gap between Handrail Uprights. The 81.5" and 51" Horizontal Handrail will butt up inside the bracket of the center Handrail Uprights. Once all Handrail upright and horizontals are installed tighten all pinch bolts on both Handrail Upright and Low Pro Stationary Pipe Holders.



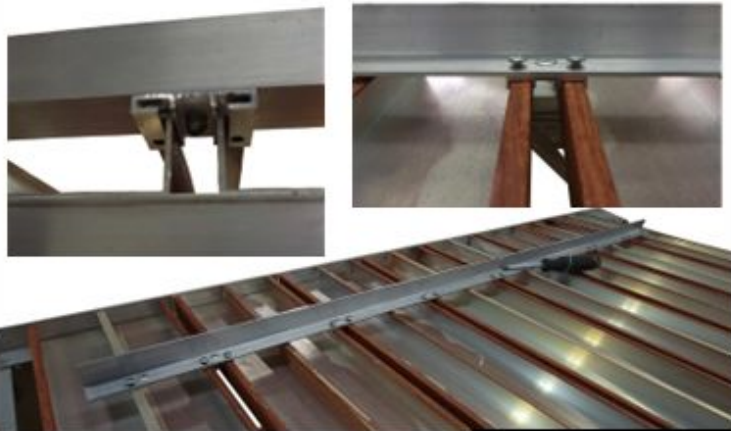
Step 4: (Optional)

Included in the Gangway package is PN10802 Transition Plate. This is an optional attachment that will help increase rigidity where frames are connected. On the BOTTOM of the frames simply line up the Transition Plate so the center of the Plate is where the 8' and 4' Frames meet. Use the included Self Tapping Screws to secure Transition Plate to Frames.



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/Cork 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)

