

UPSIDE INNOVATIONS

WALKWAY & ENTRANCE CANOPY
INSTALLATION MANUAL



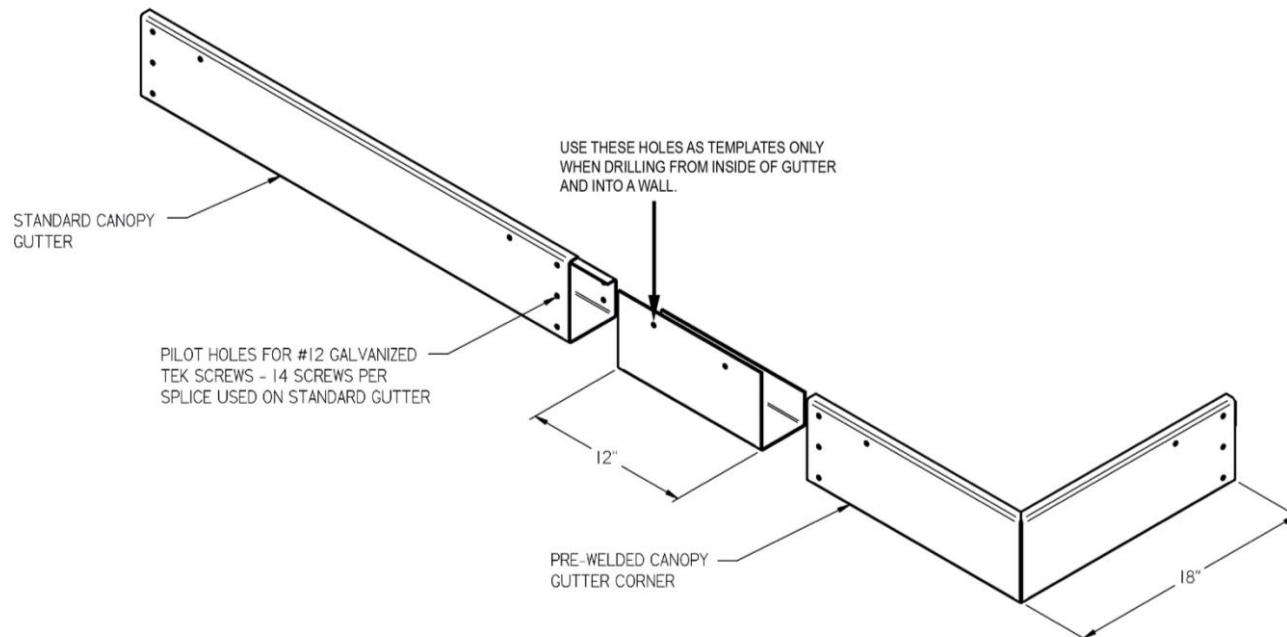
WALKWAY AND ENTRYWAY CANOPY INSTALLATION

FOR REFERENCE: SPLICE CONNECTION

For gutter to gutter connection and gutter to gutter corner connection, please read the following assembly instructions.

Note: the pre-drilled holes in the gutter splice will not line up with the pre-drilled holes of the gutter/gutter corner. The pre-drilled holes in the gutter splice are used as a template if you are connecting the gutter/gutter corner to a wall or another canopy frame. To do this, use a 3/8" or 7/16" drill bit to drill through the pre-drilled hole of the splice and through the gutter (but not into the building). Use a 1/4" drill bit to create a pilot hole into the building.

Begin by caulking around the inside of the gutter/gutter corner where the splices will be positioned. Then slide the gutter splice 6" into the gutter/gutter corner. Using the (7) pre-drilled holes of the gutter/gutter corner as a template, drill through the gutter/gutter corner and gutter splice with (7) #12 x 1" HWH #3 Self-Drilling Sheet Metal Screws with washers. It is important to get the splice as flush with the bottom of the gutter as possible to eliminate leaks.



Reference the engineer drawings to identify your starting. Determine the height at which you want to place your canopy.

Note: Gutter is 6" tall and will add 6" to the overall height of the canopy.

BUILDING-MOUNTED CANOPY SECTIONS

If the canopy is not mounted to any structure and is completely freestanding, skip this section.

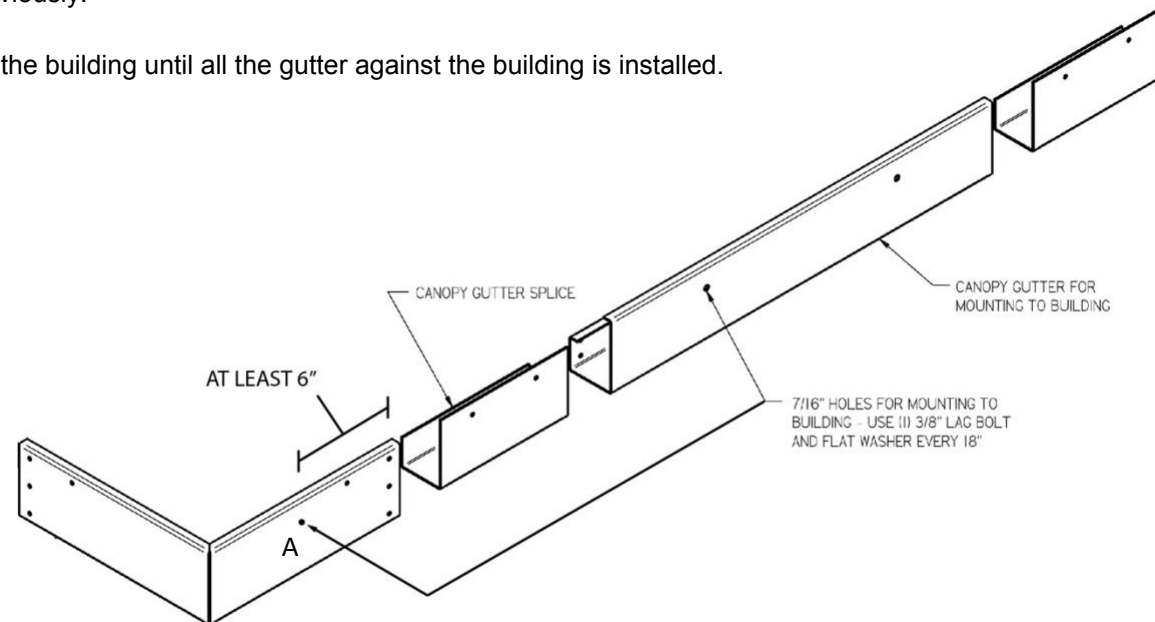
On all gutter/gutter corners that will be mounted to the building, drill (1) 7/16" hole every 18" into the upper half of the tallest side of the gutter or gutter corner. Make sure not to drill holes within 6" of the end of the gutter on gutter pieces attached to the wall, as the lag bolt head will block the splice from sliding into the gutter.

Use a 1/4" drill bit to drill a pilot hole into the building before inserting the lag bolt. Secure a gutter corner piece through the hole in the gutter (ref. A in diagram below) and the hole you just drilled into the wall using lag bolts or anchors. Make sure the gutter corner is level and positioned at the specified height. Connect a gutter splice to the gutter corner.

Find the gutter that you will be connecting to the mounted gutter corner and splice. Position, caulk, and secure another gutter splice on the opposite end of that gutter piece. Caulk the inside of the gutter where it will connect to the mounted gutter splice.

Raise the assembled piece, and secure the splice to the gutter. Put a level on the gutter piece, and once level, put all the lags or anchors through the vertical holes you drilled previously.

Continue the process all the way across the building until all the gutter against the building is installed.



FREESTANDING CANOPY SECTIONS

Cut your first canopy post to the desired canopy height. Anchor the post in the correct position on the footer where it is specified on the provided engineering drawings, and make sure your downspout opening is pointed in the desired direction. Refer to the engineer drawings to locate the first gutter piece.

Connect two gutter splices to either end of the gutter.

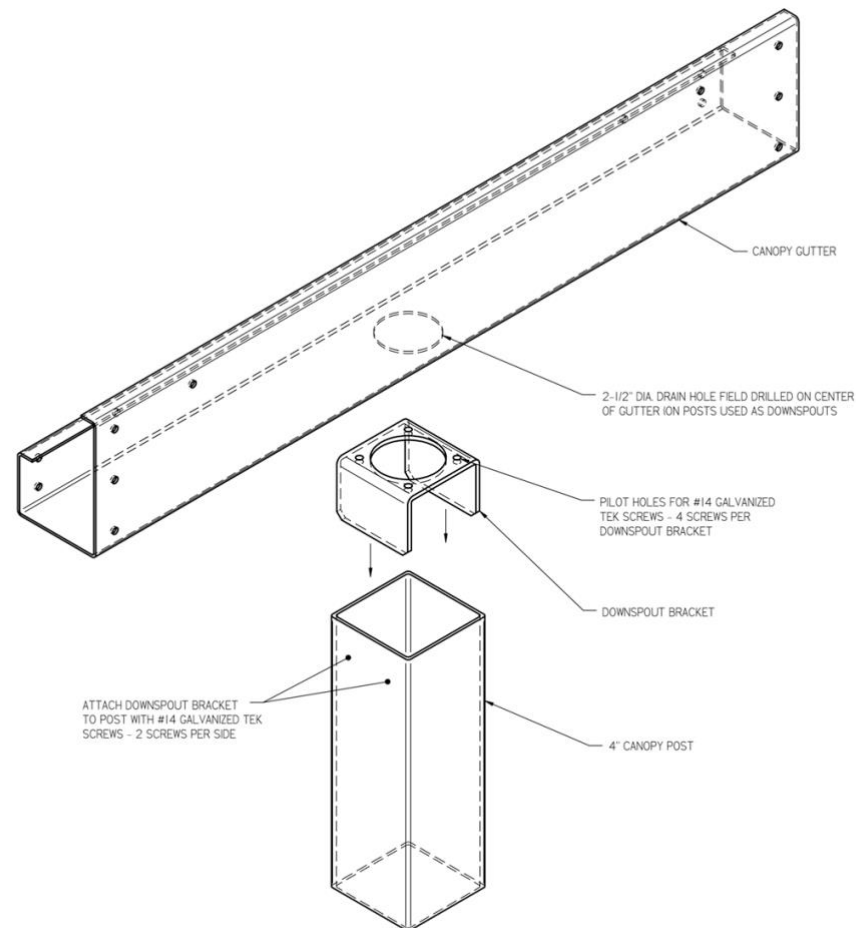
Next, refer to the engineer drawings to identify where you will need to attach the downspout bracket to the gutter. Use (4) #14-14 x 1-1/4" HWH #3 Self-Drilling Sheet Metal Screw (w/washer) - Steel/Galvanized screws to secure the downspout bracket to the bottom of the gutter.

After it is installed, use a 2.5" hole saw to drill where the open circle of the bracket is through the bottom of the gutter. Place the gutter on the post so the bracket slides completely into the anchored post. Then screw (4) #14-14 x 1-1/4" HWH #3 Self-Drilling Sheet Metal Screw (w/washer) - Steel/Galvanized screws into the post so that they go through the flanges of the downspout bracket to secure it in place.

You may need someone to hold this gutter piece up while you prepare the next pieces to set up.

Prepare your next gutter piece with a splice and, if you are attaching to another post, attach another downspout bracket. If the post is designated as a downspout, drill a drain hole in the gutter at the specified location. Dry fit the gutter into the installed gutter piece, put a level on the gutter and bring it to level.

Once it is level, have another person stand a canopy post up and mark on the post where the bottom of the level gutter hits the post. Bring the post and gutter down, cut the post at your mark, and caulk the gutter. Put your



gutter up and secure it to your previously-installed gutter with the #12 x 1" HWH #3 Self-Drilling Sheet Metal Screw (w/washer) - Steel/Painted White Tek screws. Stand up the post and insert the mounted downspout bracket into the post. Secure that connection with (4) #14-14 x 1-1/4" HWH #3 Self-Drilling Sheet Metal Screw (w/washer) - Steel/Galvanized Tek screws, make sure your post is in the correct position on the footer per the drawing and your downspout opening is pointed in the desired direction.

Then use a level to ensure its plumb and anchor your post. Continue this process until all your posts and gutter frame are installed.

Note: Canopy runs that have three or more posts in a run should have a piece of decking installed in the middle periodically to help support and space the gutter frame properly.

When installing a spacer have a tape measure to measure the correct width the canopy needs to be, and then insert a #12 x 1" HWH #3 Self-Drilling Sheet Metal Screw (w/washer) - Steel/Painted White Tek screw into each side of the decking.

Continue building the gutter frame.

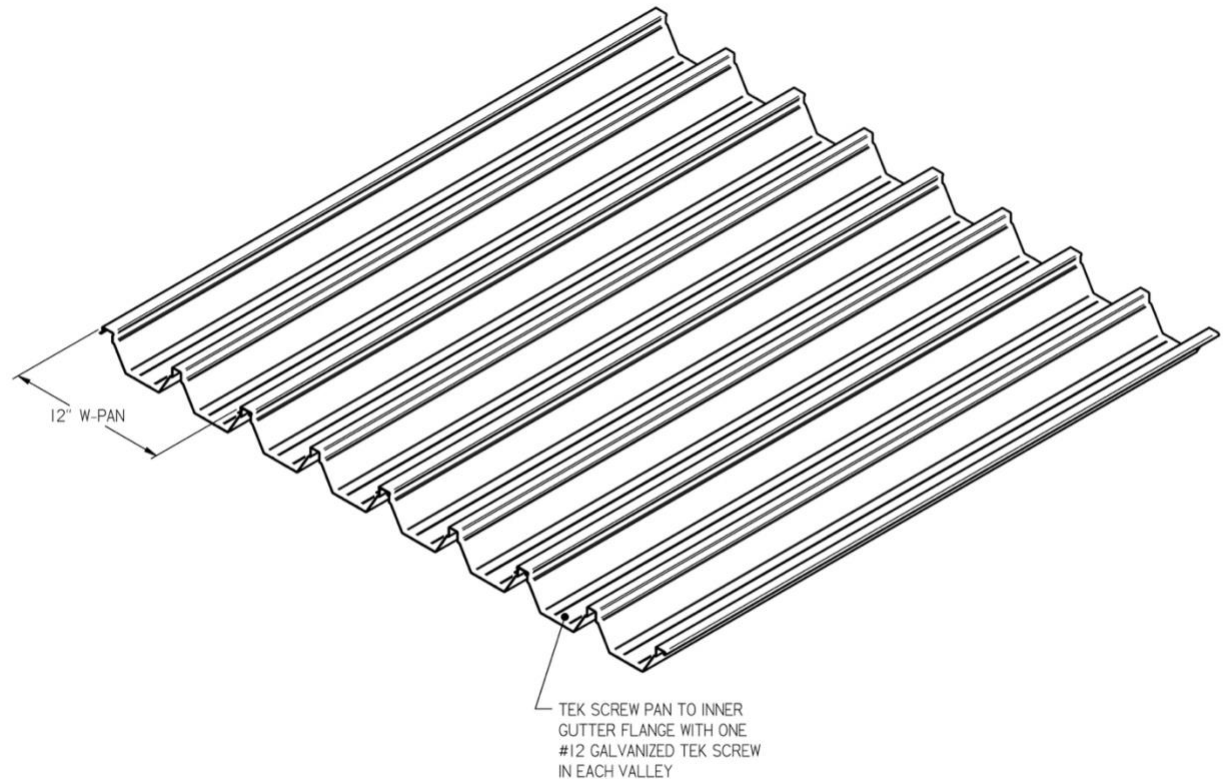
To install the final gutter piece, slide both splices all the way into (do not caulk or secure) the gutter. Raise the gutter up in line with the rest of the gutter frame. Once it is level with the frame, tap the splices over into place. After you have the splices in the proper locations, then secure them in place and caulk around each splice to prevent leaks.

If you have two canopies that connect together, connect them with the supplied stainless-steel bolts with washers and serrated flange lock nuts in the specified locations. Then caulk the top of the gutter where it meets the other canopy.

DECKING

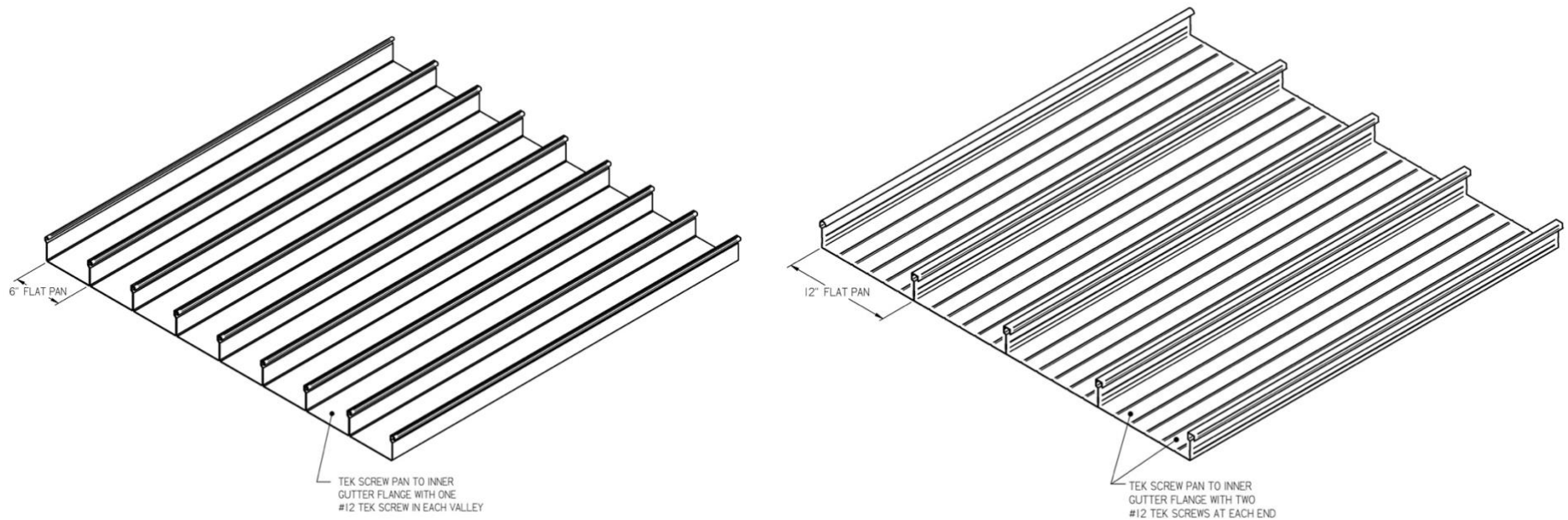
Once you have your posts anchored and gutter frame completed, you can then begin to install the canopy decking. Decide which end of the gutter you want to begin, then set a piece at that end, push it up against that end of the gutter. Make sure there is an equal gap on either side of the decking and secure it the gutter frame using four #12 x 1" HWH #3 Self-Drilling Sheet Metal Screw (w/washer) - Steel/Painted White Tek screws. All Tek screws should be secured through the decking and through the inner half-inch lip on the top of the 4" lower side of the gutter.

W-Pan Decking: For 12" W-Pan, insert (2) #12 x 1" HWH #3 Self-Drilling Sheet Metal Screw (w/washer) - Steel/Painted White Tek screws into both sides of the decking, one in each valley for a total of four screws. Set your next piece of decking next to the installed piece and squeeze them together to snap them together. Ensure that the joint is properly locked into place down the entire joint. Install (2) #12 x 1" HWH #3 Self-Drilling Sheet Metal Screw (w/washer) - Steel/Painted White screws on both sides again, one in each valley.



Flat Pan Decking:

Lock each piece of decking together by lifting the new piece at about a 90-degree angle to the previously installed piece. Lower the new piece down with the installed piece while locking the joints together as you lower the piece. Ensure the joint locked in all the way down the decking. The 12" Flat Pan will need two white screws installed on each end for a total of four screws, and the 6" Flat Pan only requires one screw on each side for a total of two screws per pan.



Finishing the Decking:

When you get to the end of the canopy, you may have to cut the last piece of decking to fit depending on where it lands between the gutter and the previous piece of decking.

Finishing Touches:

Once you have the decking installed, go back through, and caulk every post where it meets the gutter all the way around. Paint all #14-14 x 1-1/4" HWH #3 Self-Drilling Sheet Metal Screw (w/washer) - Steel/Galvanized screws to match the canopy. Clean off any dirt on the canopy and spray paint any blemishes you may see.