UPSIDE INNOVATIONS

COMMERCIAL METAL AWNING
INSTALLATION MANUAL



Part #: HW9004

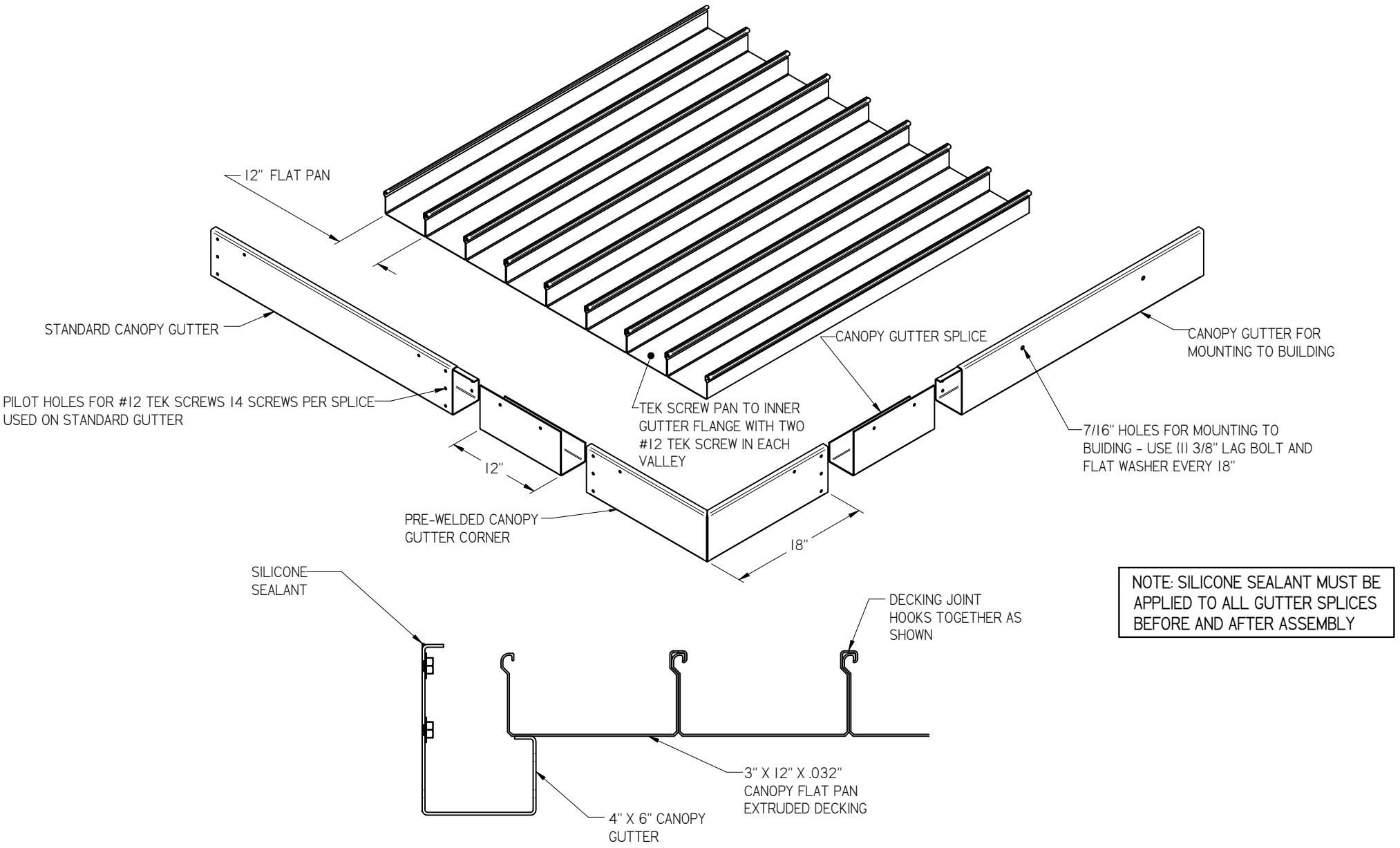
CANTILEVER CANOPY INSTALLATION TOOLS

Power Tools:
- 12" Miter Saw with Cutting Blade for Aluminum
- Compact Drill
- Impact Driver
- 4-1/2" Angle Grinder
- Concrete Hammer Drill

Hand Tools:
- Ladders
- 4' Level
- Tape Measure
- Ratchet Wrench Handle for 3/8" Drive Sockets
- Torque Wrench
- 9/16” Standard Socket with Extension
- 9/16" Standard Wrench
- Caulk Gun
- Vise-Grip style C-Clamp(s)

Drill and Driver Bits:
- 7/16” Drill Bit for Metal Drilling
- 1/4” Drill Bit for Wood Drilling
- 3/8" Masonry Drill Bit
- 5/16” Hex Head Magnetic Driver Bit
- 3/8” Hex Head Magnetic Driver Bit
- 2-1/2" Hole Saw
- Socket Adapter Bit for Drill

Tools that may be Required (Site Specific):
- Extension Cords
- Shop Vacuum
- Personnel Lifting Equipment



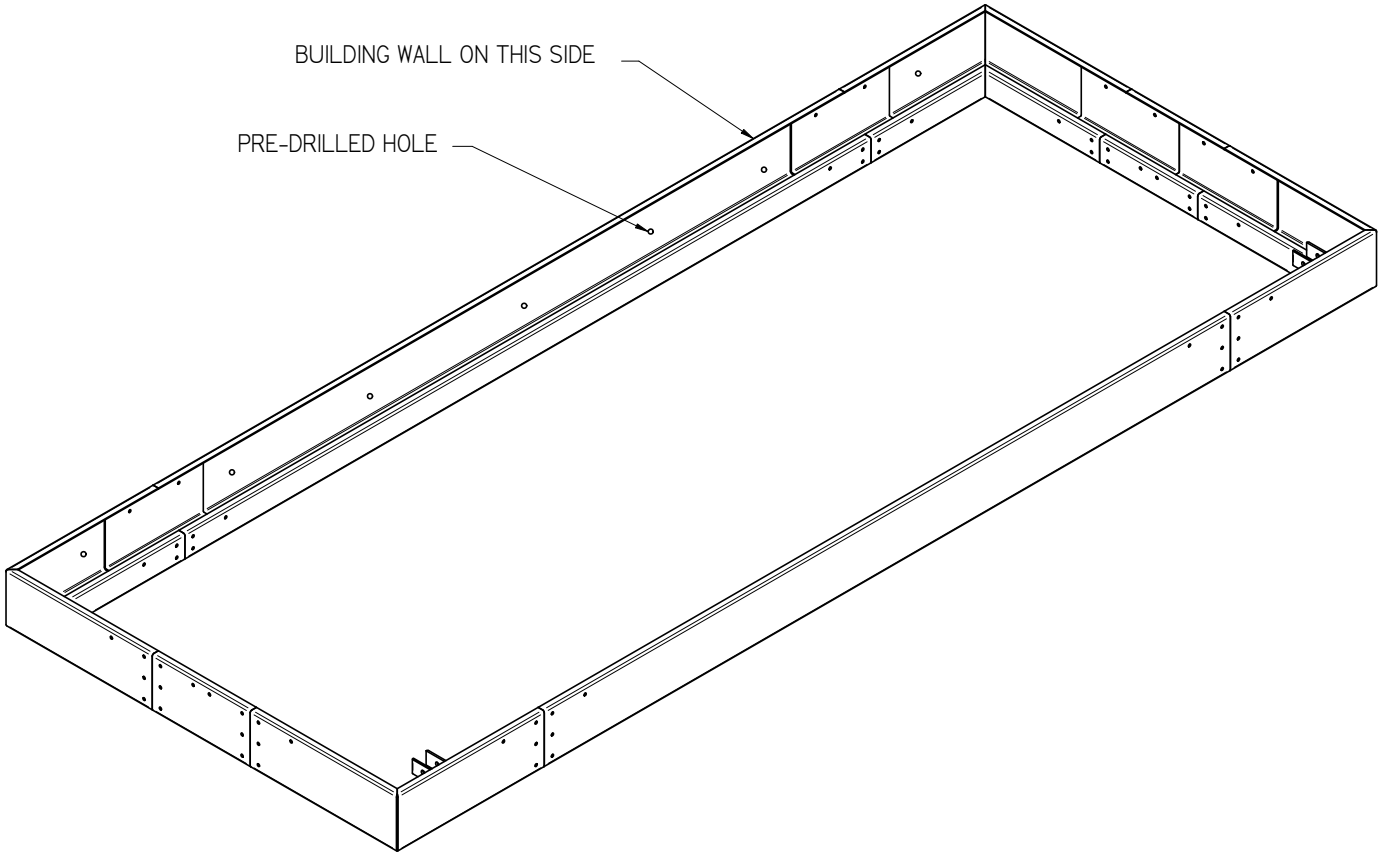
NOTE: SILICONE SEALANT MUST BE APPLIED TO ALL GUTTER SPLICES BEFORE AND AFTER ASSEMBLY

CANOPY GUTTER DETAIL

STEP 1

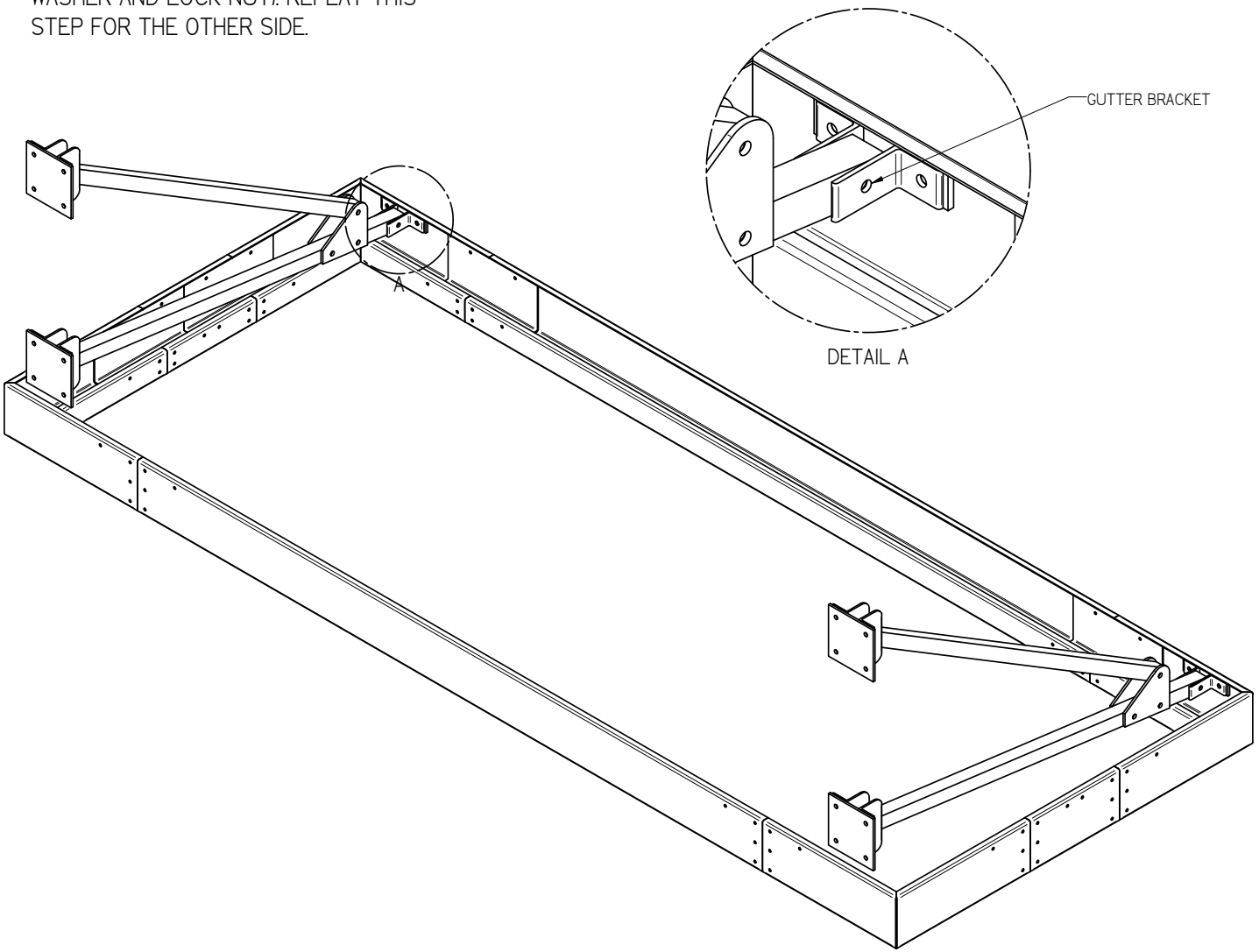
USING THE (7) PRE-DRILLED HOLES AS A GUIDE, USE 3/8" LAG BOLTS AND FLAT WASHERS TO MOUNT THE GUTTER TO THE BUILDING FACADE..

TO AVOID ANY DAMAGE, THE CANOPY FRAME MUST BE LIFTED AND SUPPORTED UNTIL THE SUPPORTING ARMS ARE INSTALLED.



STEP 2

ASSEMBLE THE SUPPORT ARM ASSEMBLEY TO THE GUTTER BRACKET USING (1) 5/8" X 2-3/4" BOLT (WITH WASHER AND LOCK NUT). REPEAT THIS STEP FOR THE OTHER SIDE.



DETAIL A

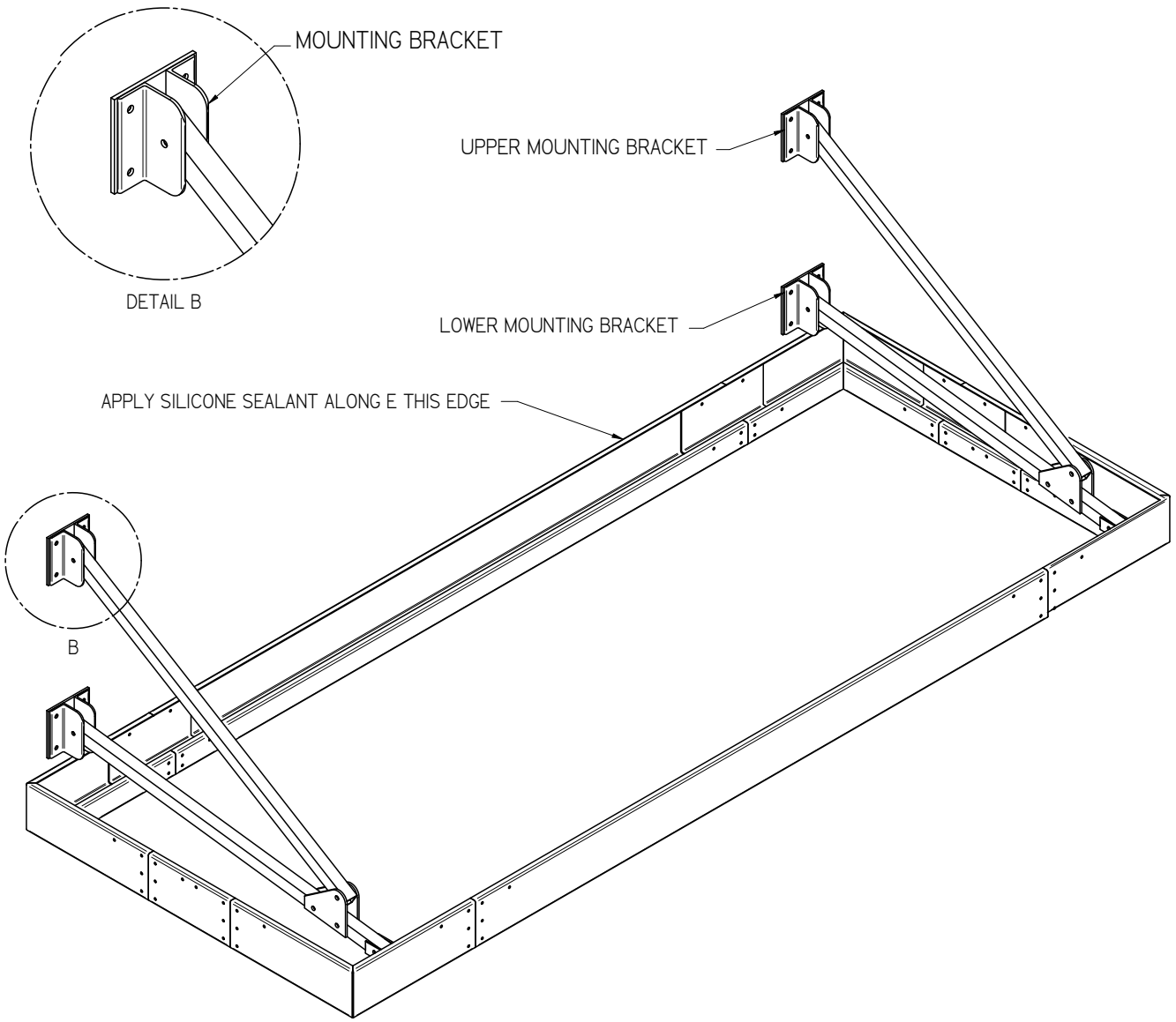
STEP 3

WHILE STILL LIFTING AND SUPPORTING THE CANOPY FRAME, LIFT AND POSITION THE TWO UPPER MOUNTING BRACKETS UNTIL THE CANOPY FRAME IS IN THE HORIZONTAL POSITION AND NOT TILTING. USE A LEVEL IN BOTH DIRECTIONS TO CHECK THE ALIGNMENT OF THE CANOPY FRAME.

NEXT, START ATTACHING THE TOP THE MOUNTING BRACKET ON ONE SIDE OF CANOPY USING (4) 3/8" LAG BOLTS AND FLAT WASHERS. REPEAT THIS STEP FOR THE OTHER TOP MOUNTING BRACKET ON THE OTHER SIDE AFTER RE-CHECKING THE ALIGNMENMT OF THE CANOPY.

NEXT, INSTALL THE LOWER MOUNTING BRACKET ON BOTH SIDES.

AFTER INSTALLING THE CANOPY FRAME AND SUPPORT ARMS, APPLY SILICONE SEALANT ALONG ENTIRE TOP EDGE OF GUTTER TO SEAL GAPS BETWEEN GUTTER AND BUILDING WALL



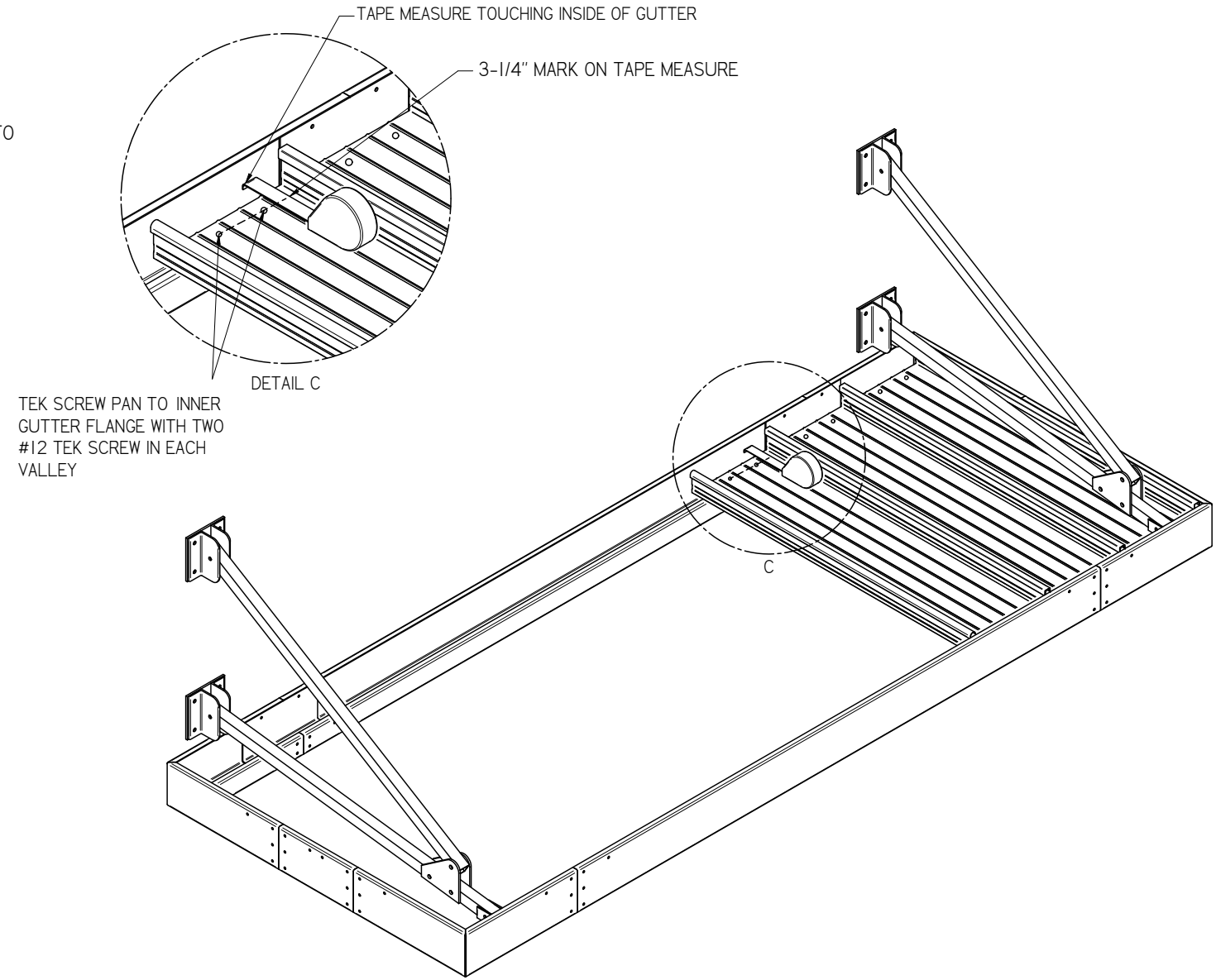
STEP 4

STARTING FROM ONE END OF THE CANOPY, POSITION THE FIRST PIECE OF FLAT-PAN DECKING ON TOP OF THE INNER GUTTER FLANGE (LEAVING A GAP OF ABOUT 1-1/2" ON BOTH ENDS. NEXT, TEK SCREW BOTH ENDS OF THE FLAT PAN TO THE FLAT SIDE OF THE GUTTER FLANGE AS SHOWN IN DETAIL C.

NEXT, POSITION THE NEXT FLAT-PAN DECKING PIECE BY MANUALLY SNAPPING AND LOCKING IT TO THE ONE BEFORE IT. NEXT, TEK SCREW THE DECKING SIMILAR TO THE FIRST DECKING PIECE.

REPEAT THE PREVIOUS STEP UNTIL THE ENTIRE CANOPY IS COVERED

NOTE: THE LAST PIECE OF FLAT-PAN DECKING MIGHT HAVE TO BE TRIMMED TO FIT INSIDE THE CANOPY FRAME.



You have reached the end of the installation instructions. If you need assistance, please contact us: (513)-889-2492