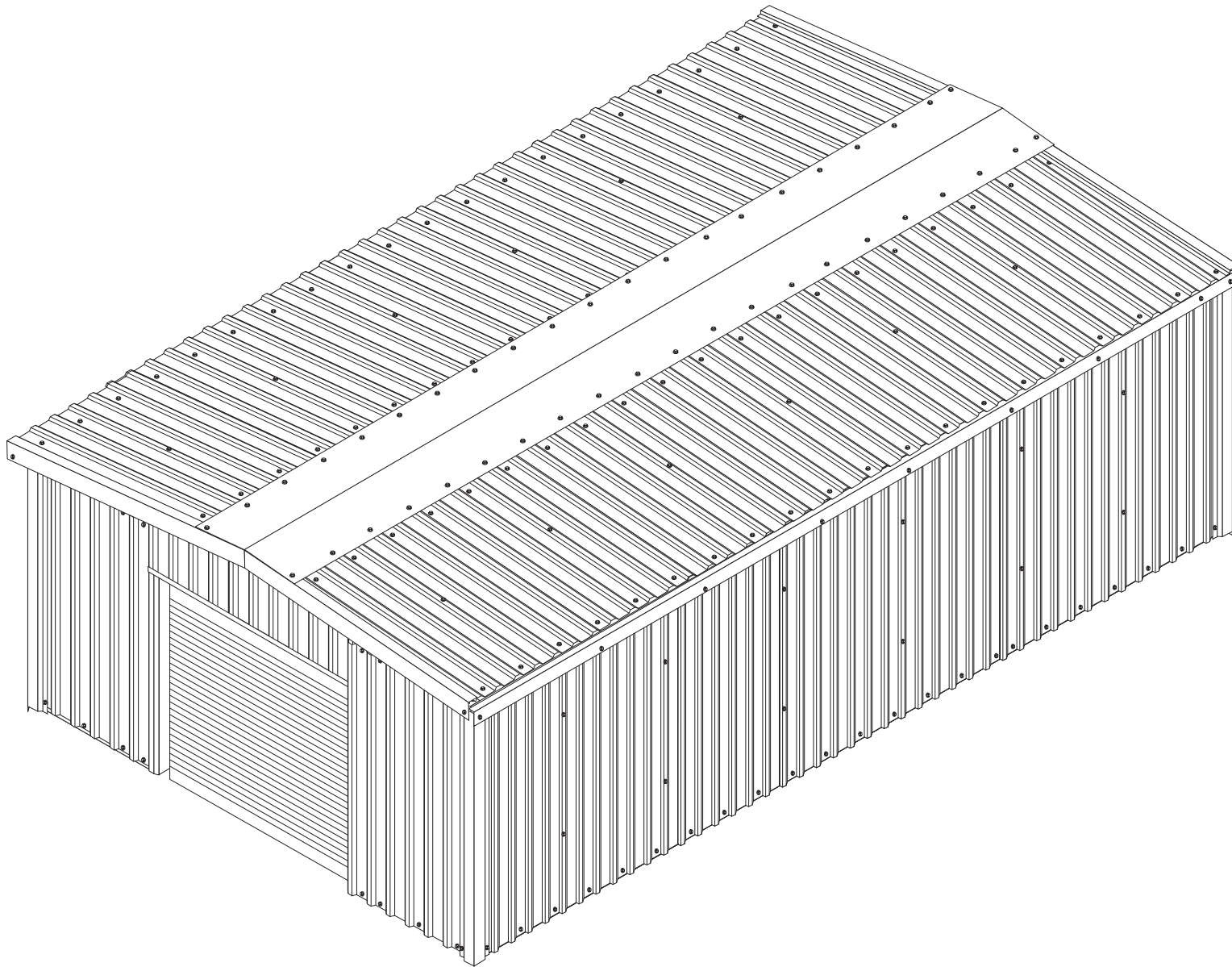




Slab Mounted: 12' x 21' x 8' Backyard Building with Optional Center Girts Instructions

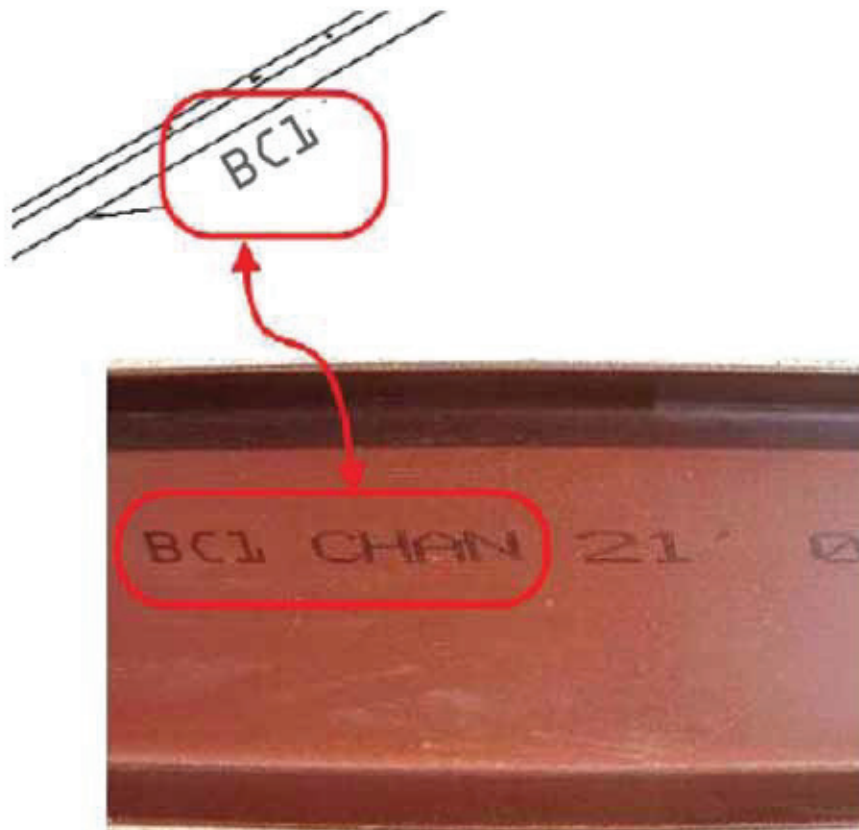
Mueller Backyard Building Kits are not engineered structures and do not meet any specific building code criteria.
For video installation instructions, visit our website at www.muellerinc.com/downloads-home/videos-home

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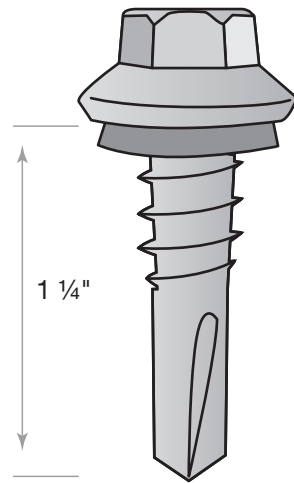
PARTS LIST

Refer to the parts list on the itemized invoice delivered with your building. All parts are stenciled on the inside of the channel, purlin, girts and rafters. Example of this below:

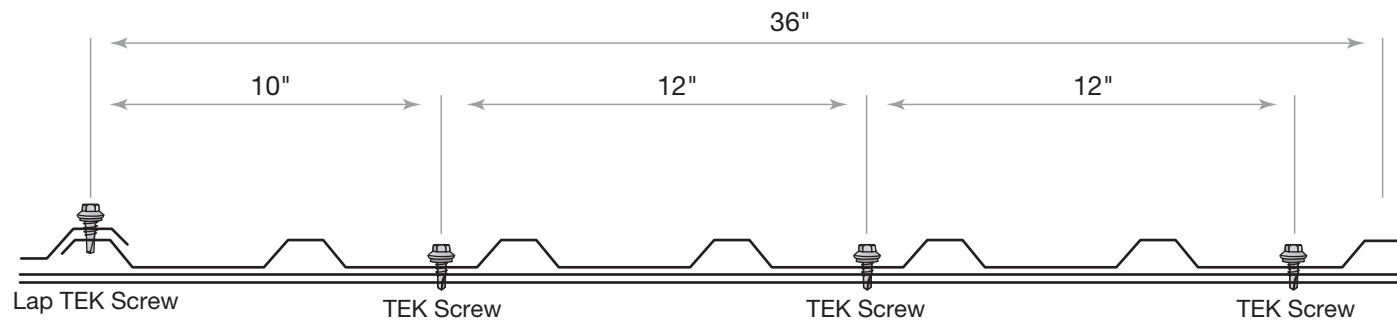
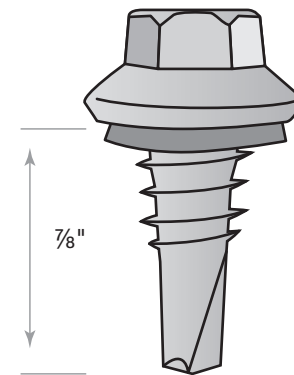


TYPES OF SCREWS

TEK Screw
For attaching sheet metal to purlin



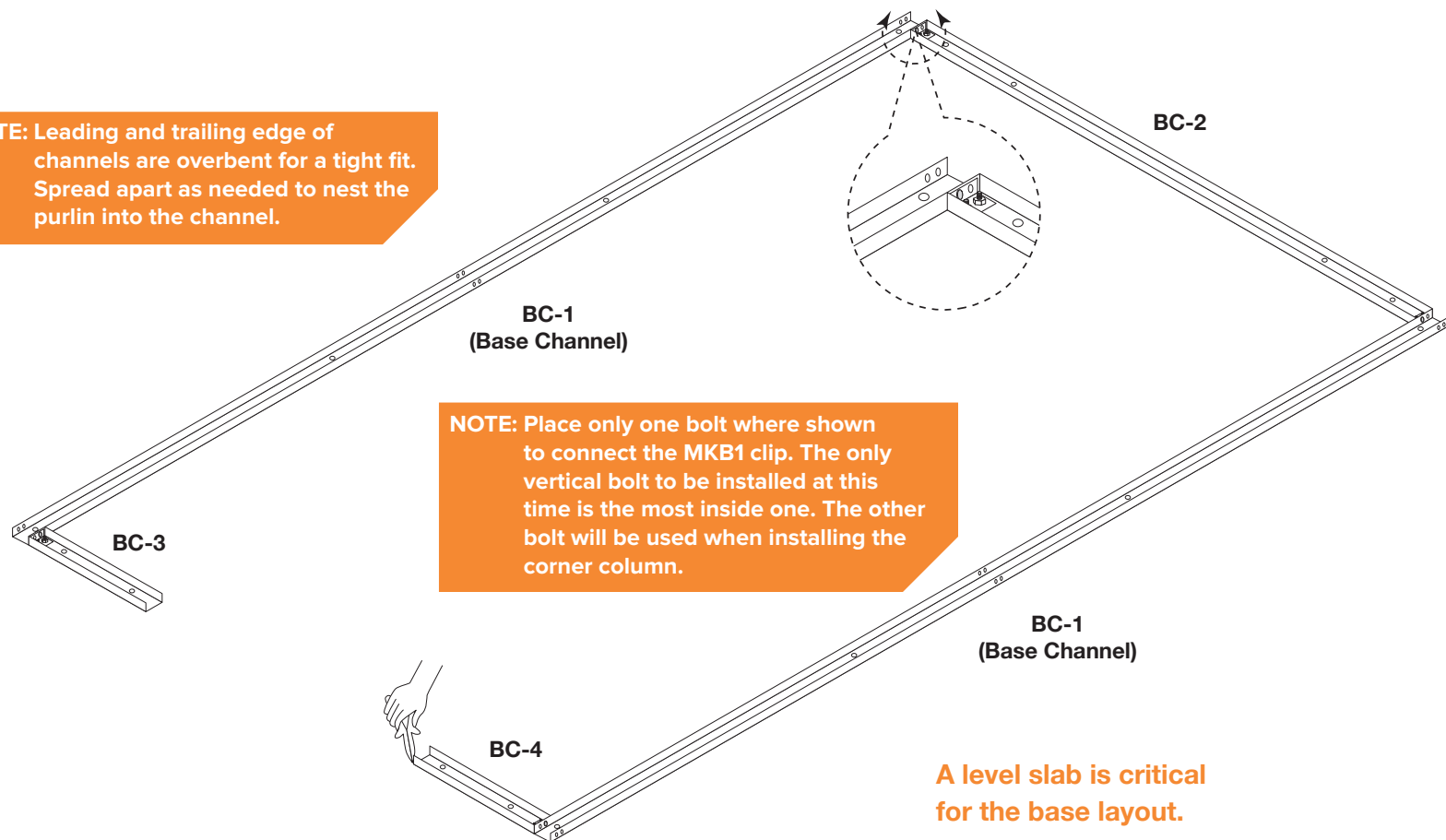
Lap TEK Screw
For attaching sheet metal to sheet metal



NOTE: Make sure to use TEK screws to attach sheets to purlins, lap TEK screws to attach sheets to sheets.

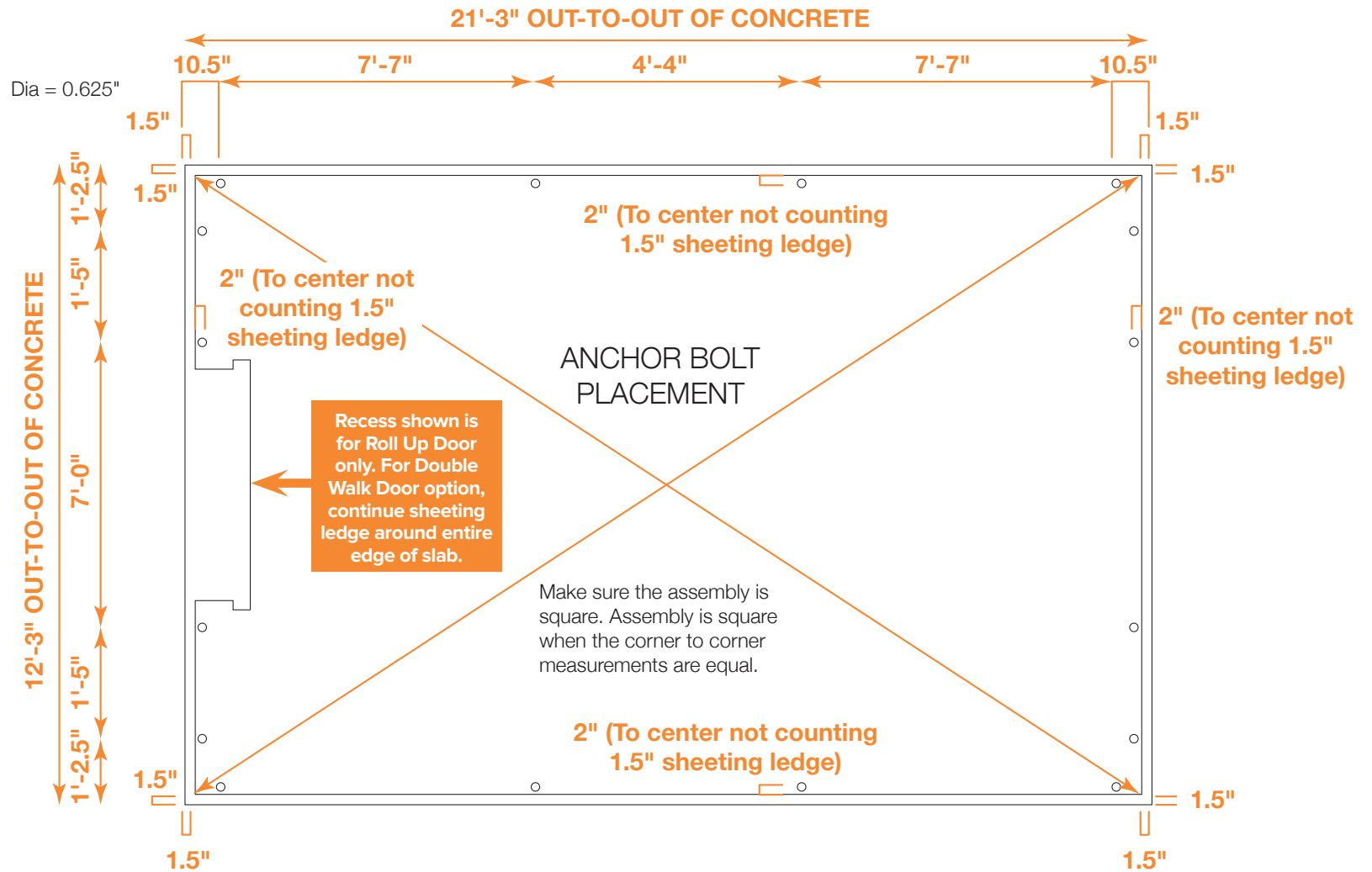
BASE LAYOUT (BC-1, BC-2, BC-3 AND BC-4)

NOTE: Leading and trailing edge of channels are overbent for a tight fit. Spread apart as needed to nest the purlin into the channel.

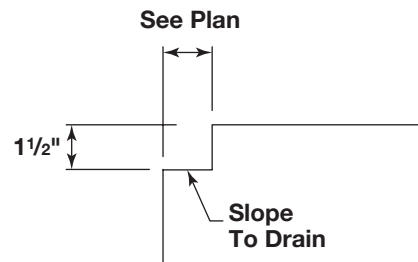


ANCHOR BOLT PLACEMENT

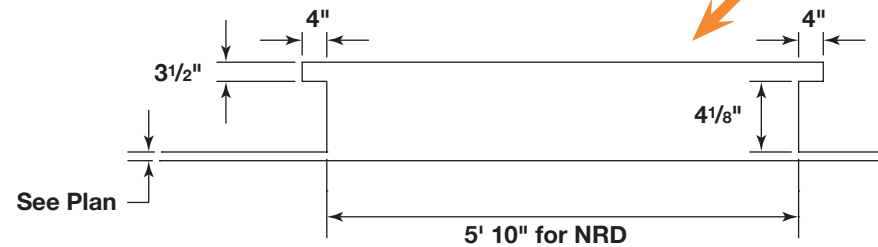
NOTE: Make sure assembly is square.



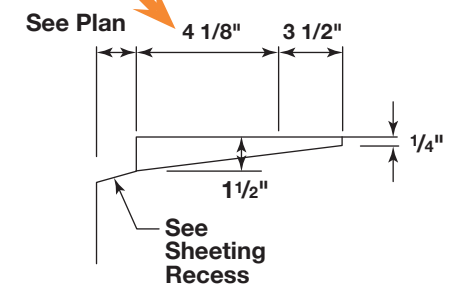
ANCHOR BOLT PLACEMENT DETAILS



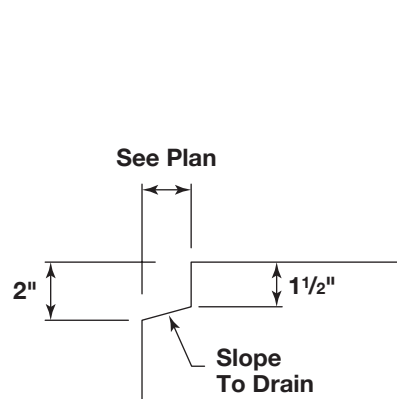
TYP. SHEETING RECESS WITH BASE DRIP EDGE TRIM



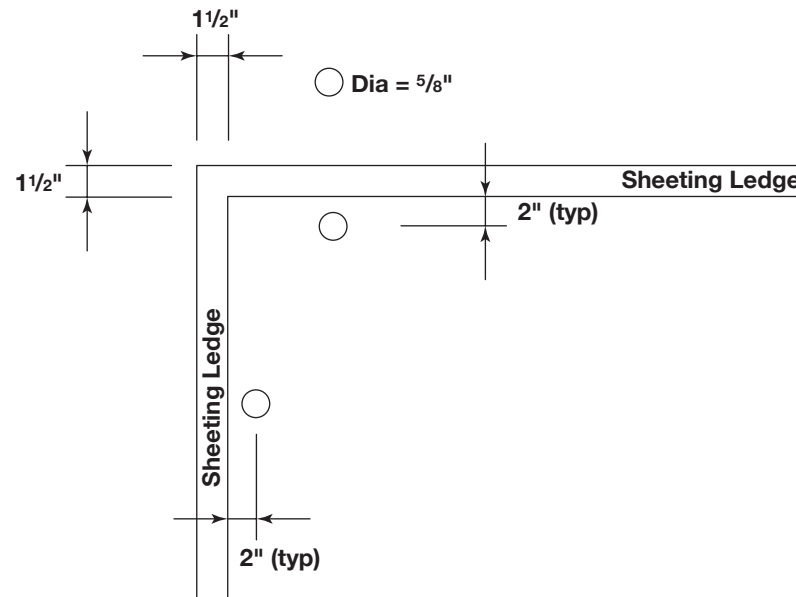
TYP. ROLL UP DOOR RECESS LAYOUT



TYP. ROLL UP DOOR RECESS

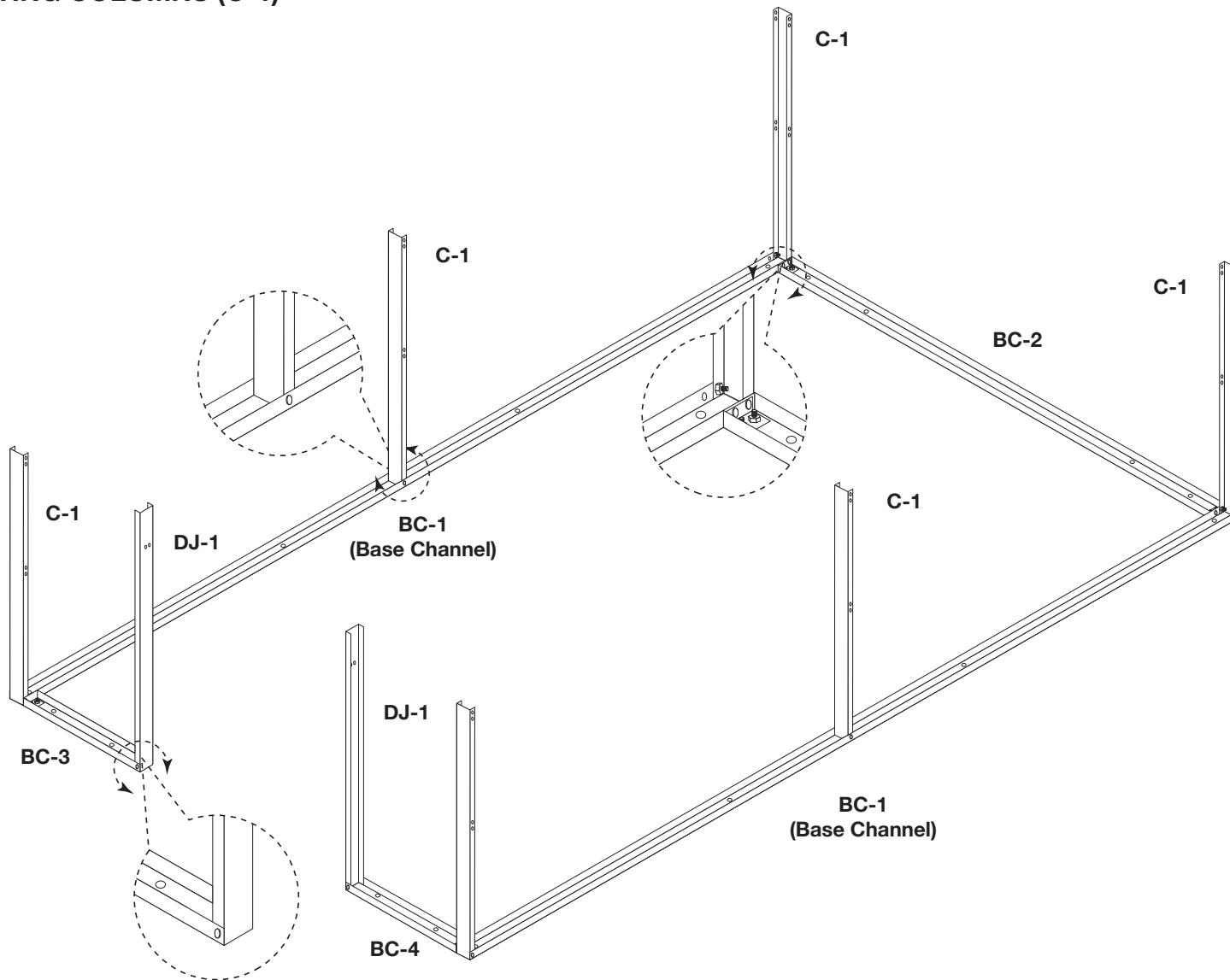


TYP. SHEETING RECESS WITHOUT BASE DRIP EDGE TRIM

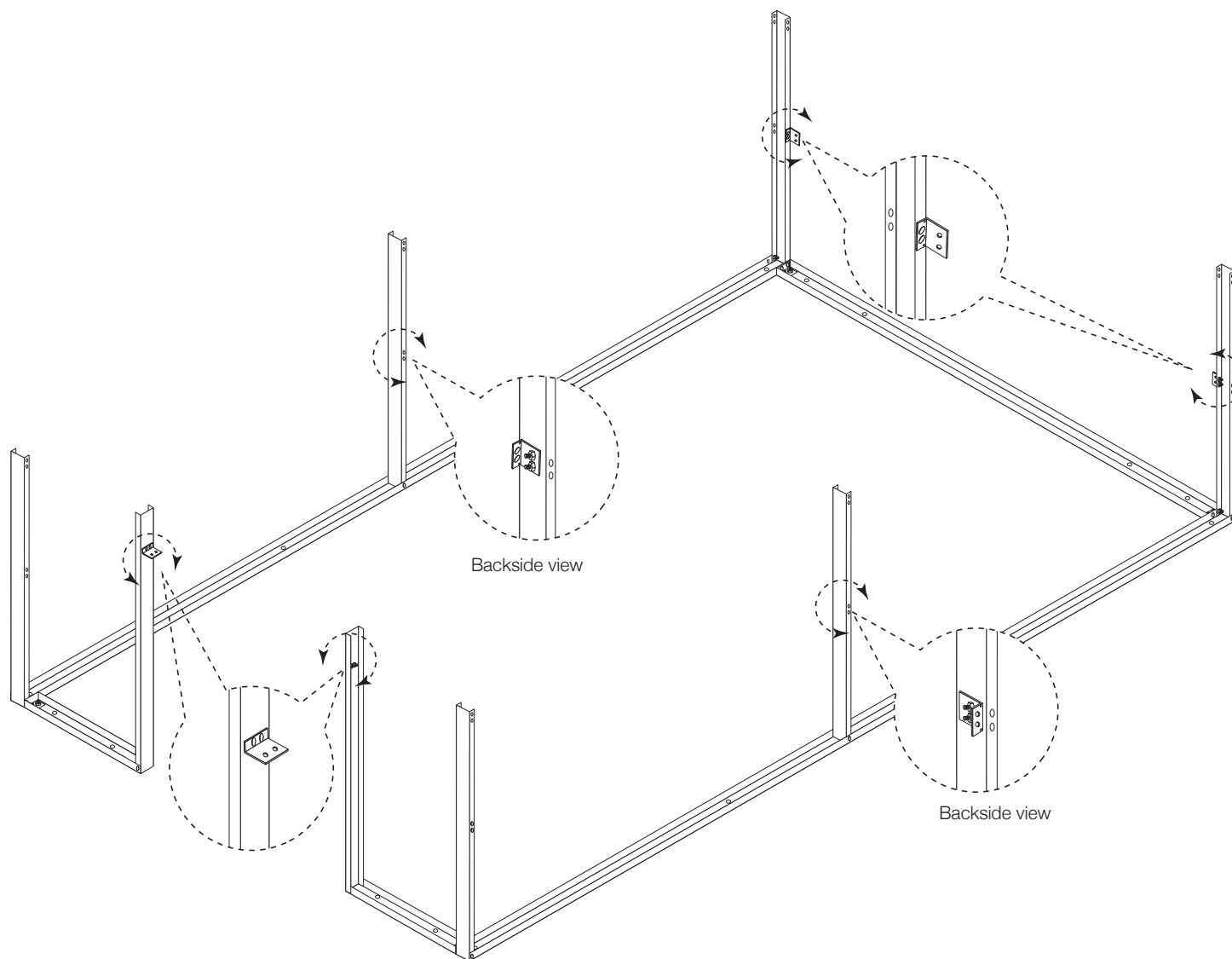


NOTE: One of the methods must be used. See erection details for additional information.

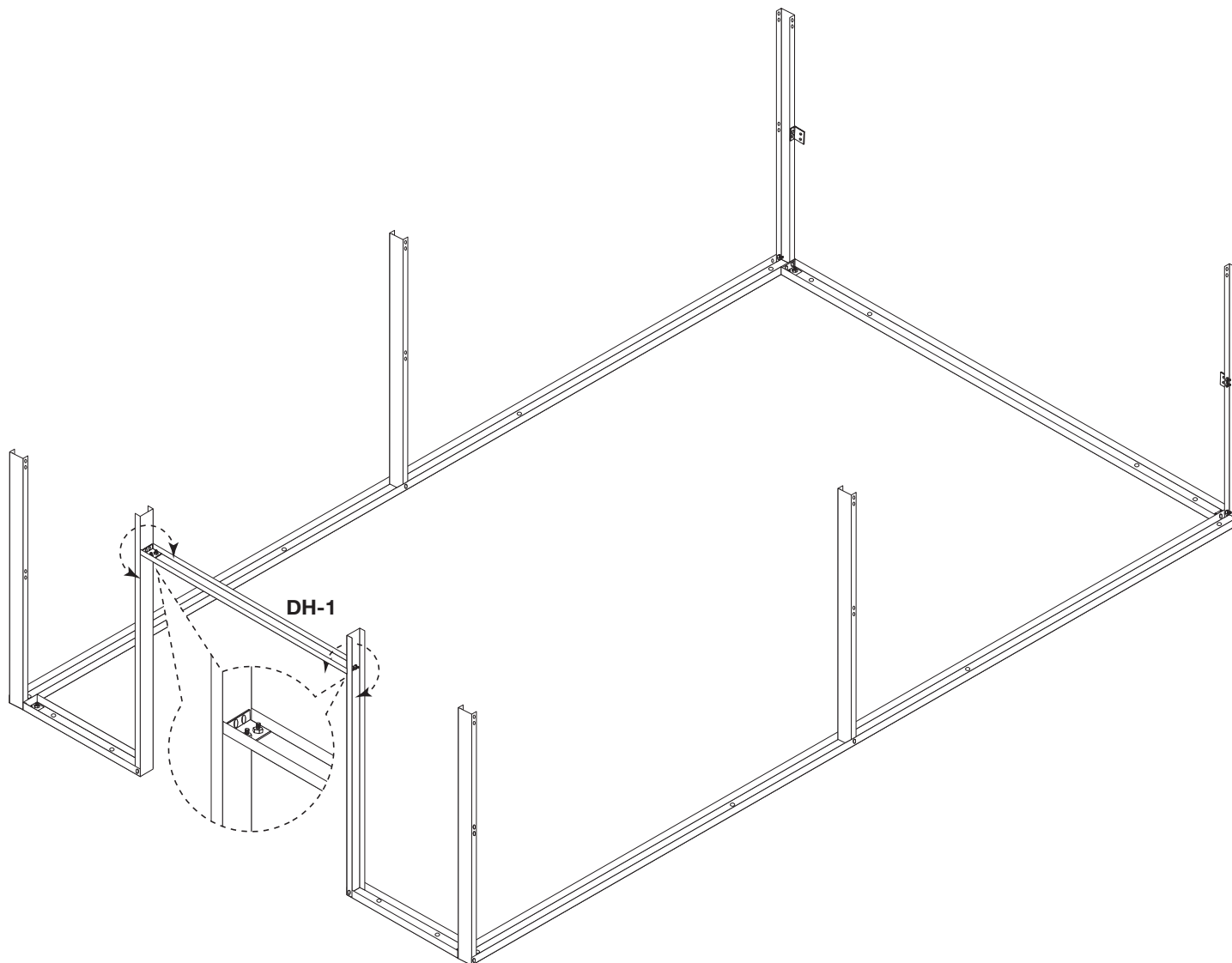
ERECTING COLUMNS (C-1)



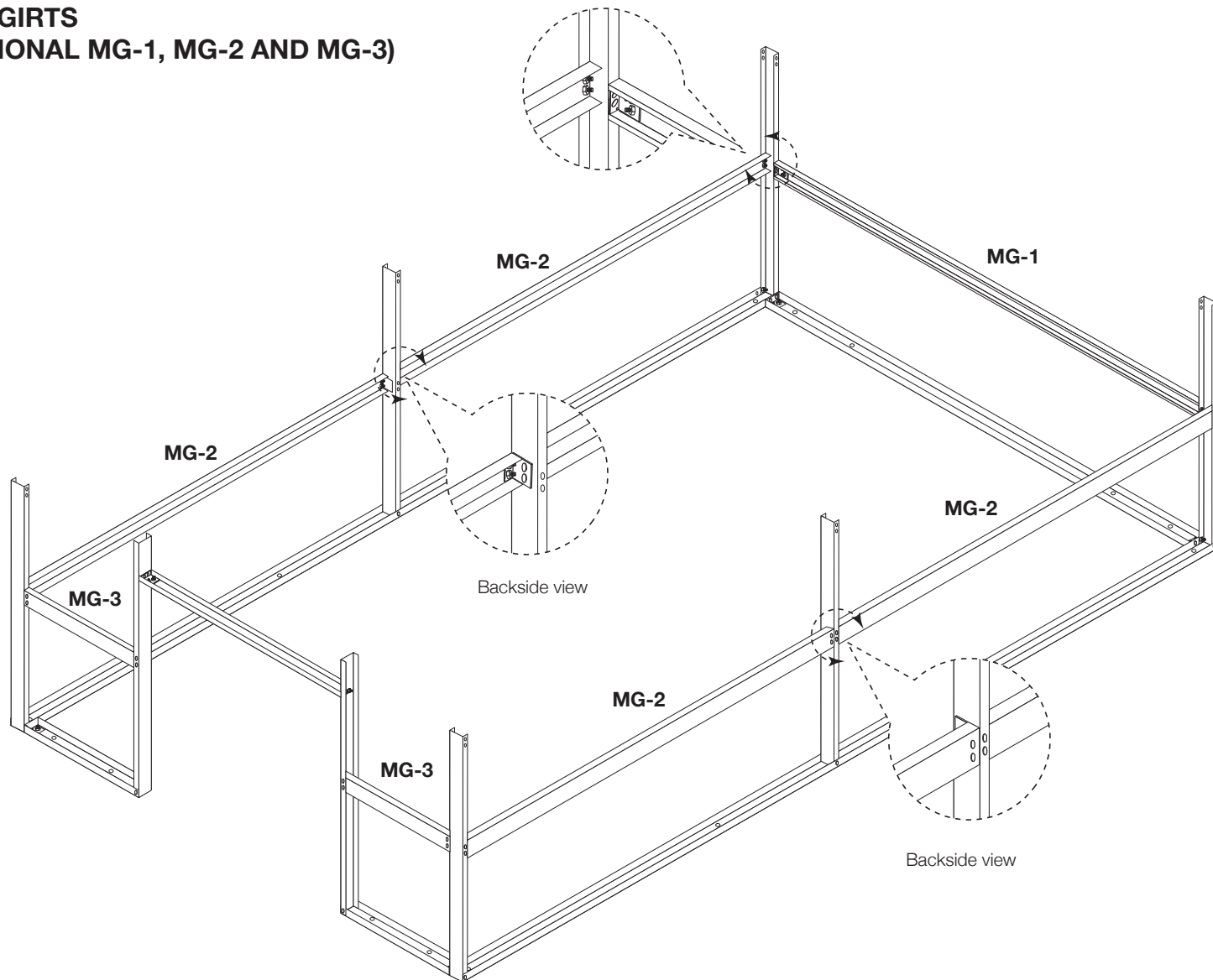
MKB1 CLIPS TO COLUMNS



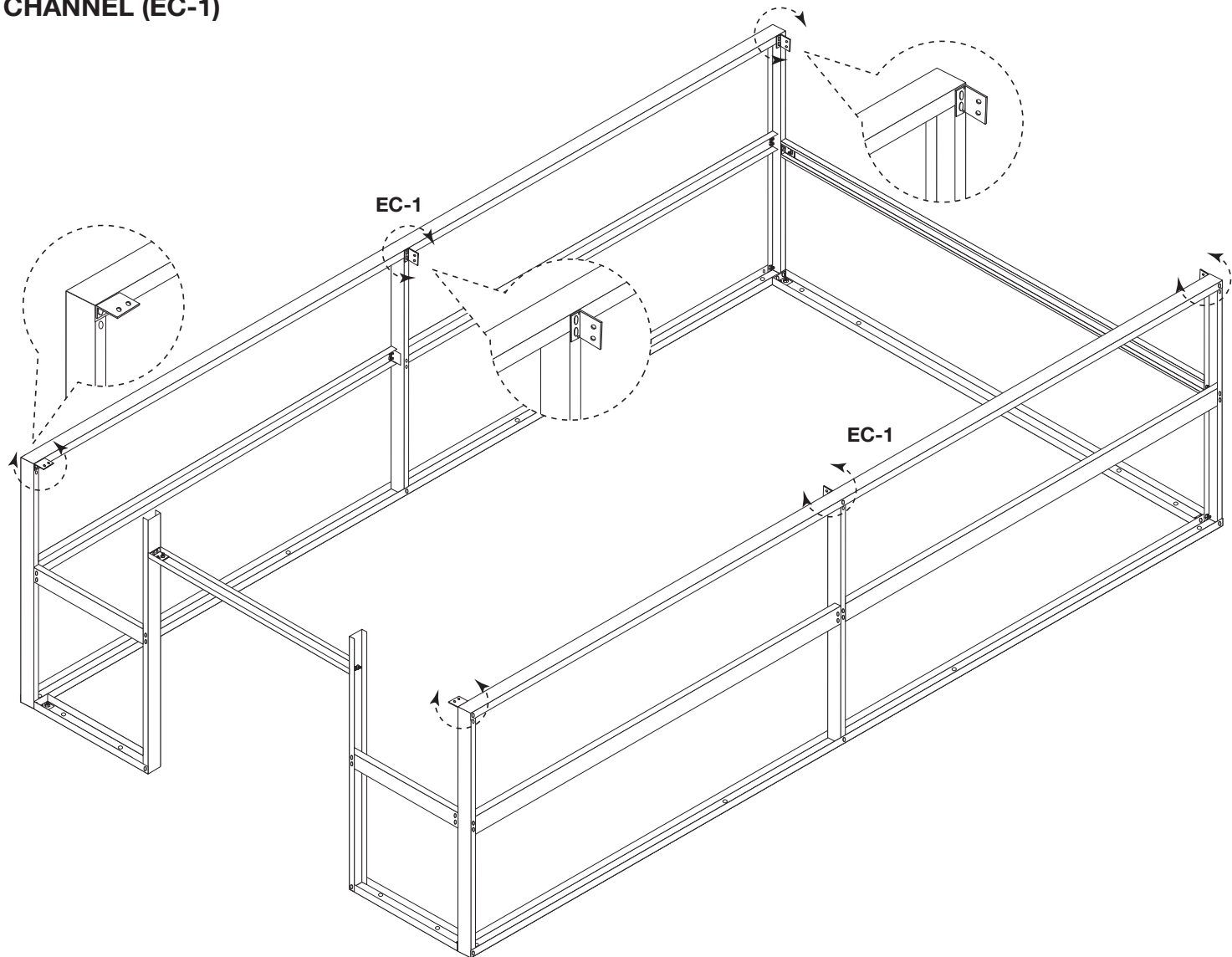
DOOR HEADER (DH-1)



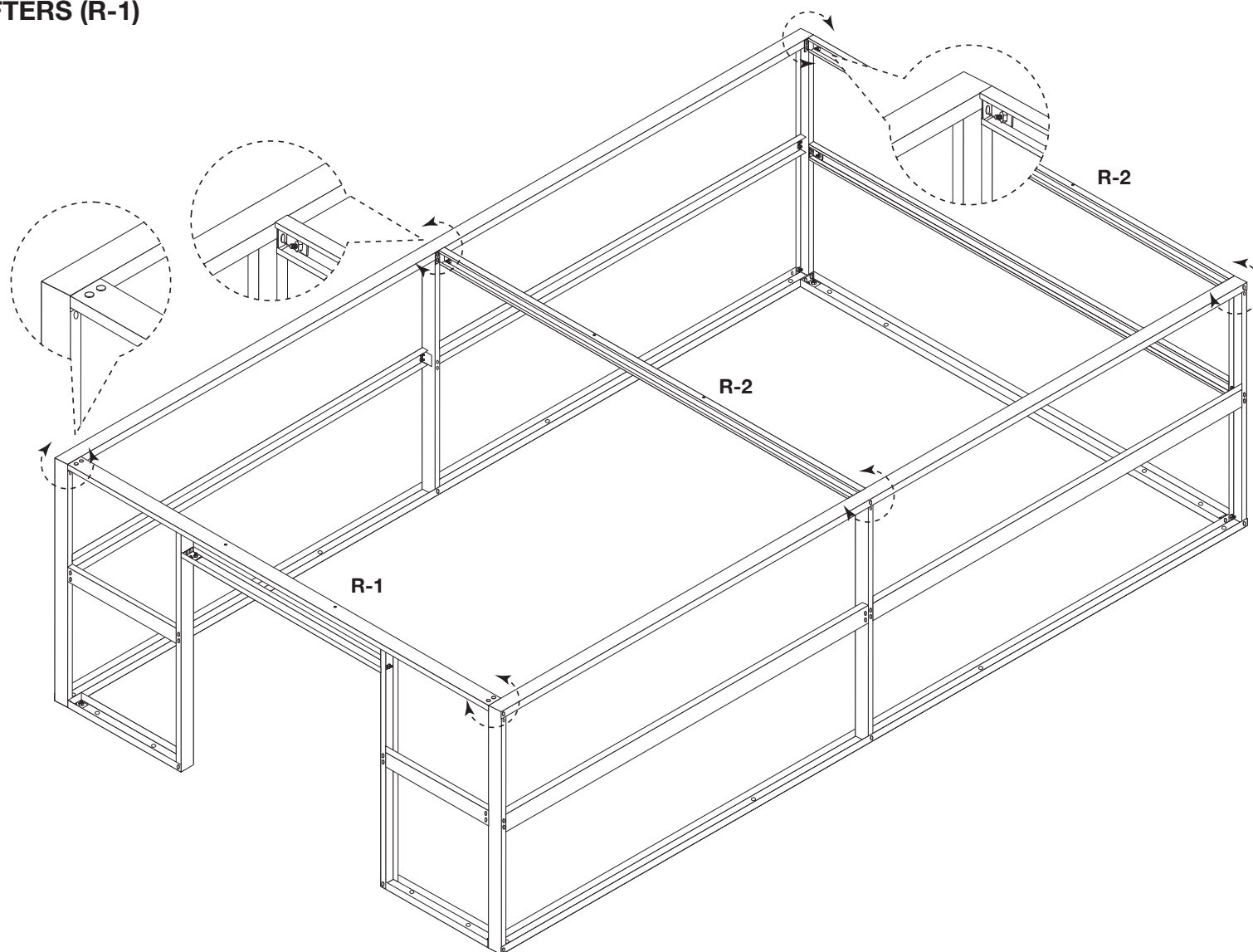
MID-GIRTS (OPTIONAL MG-1, MG-2 AND MG-3)



EAVE CHANNEL (EC-1)

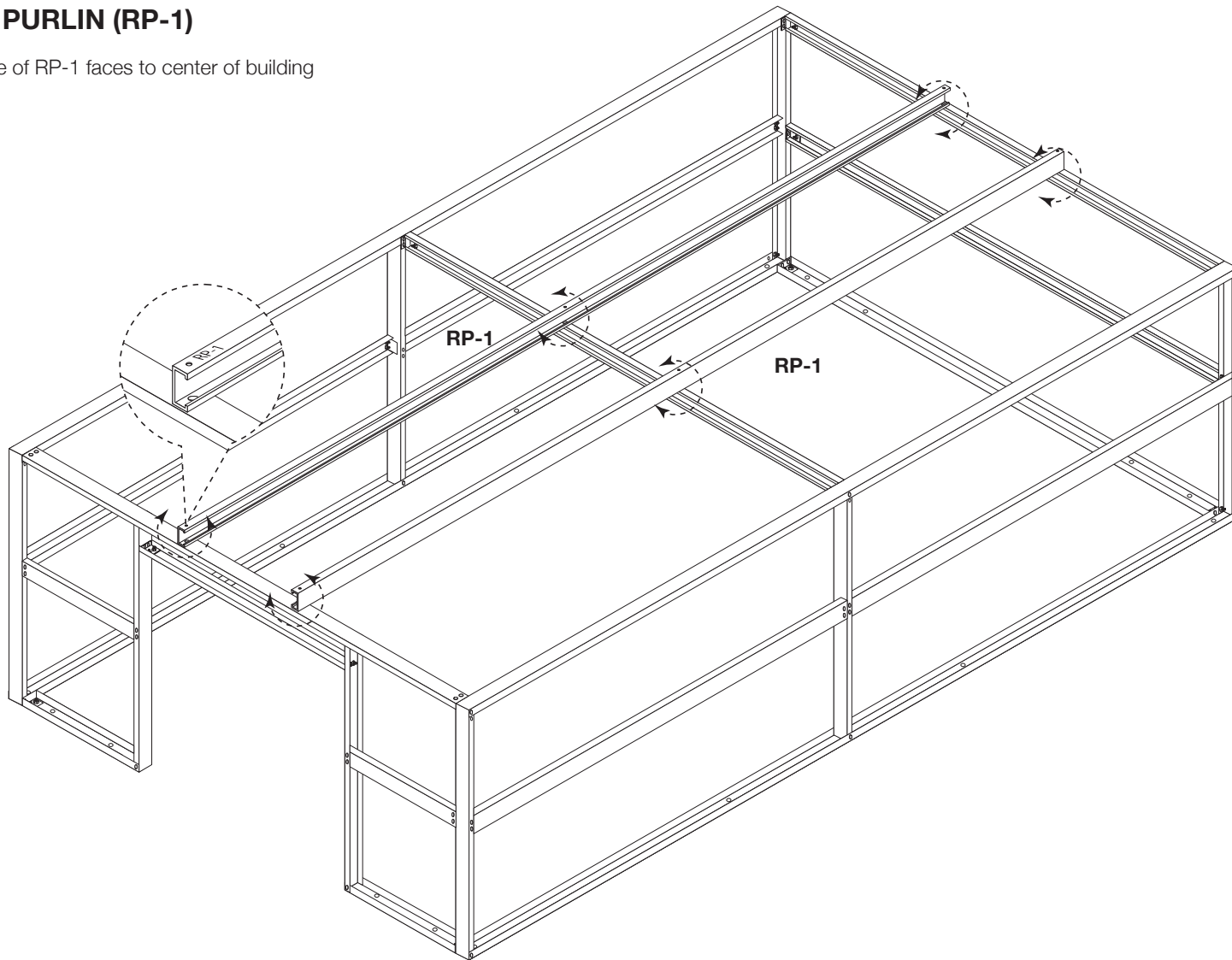


RAFTERS (R-1)

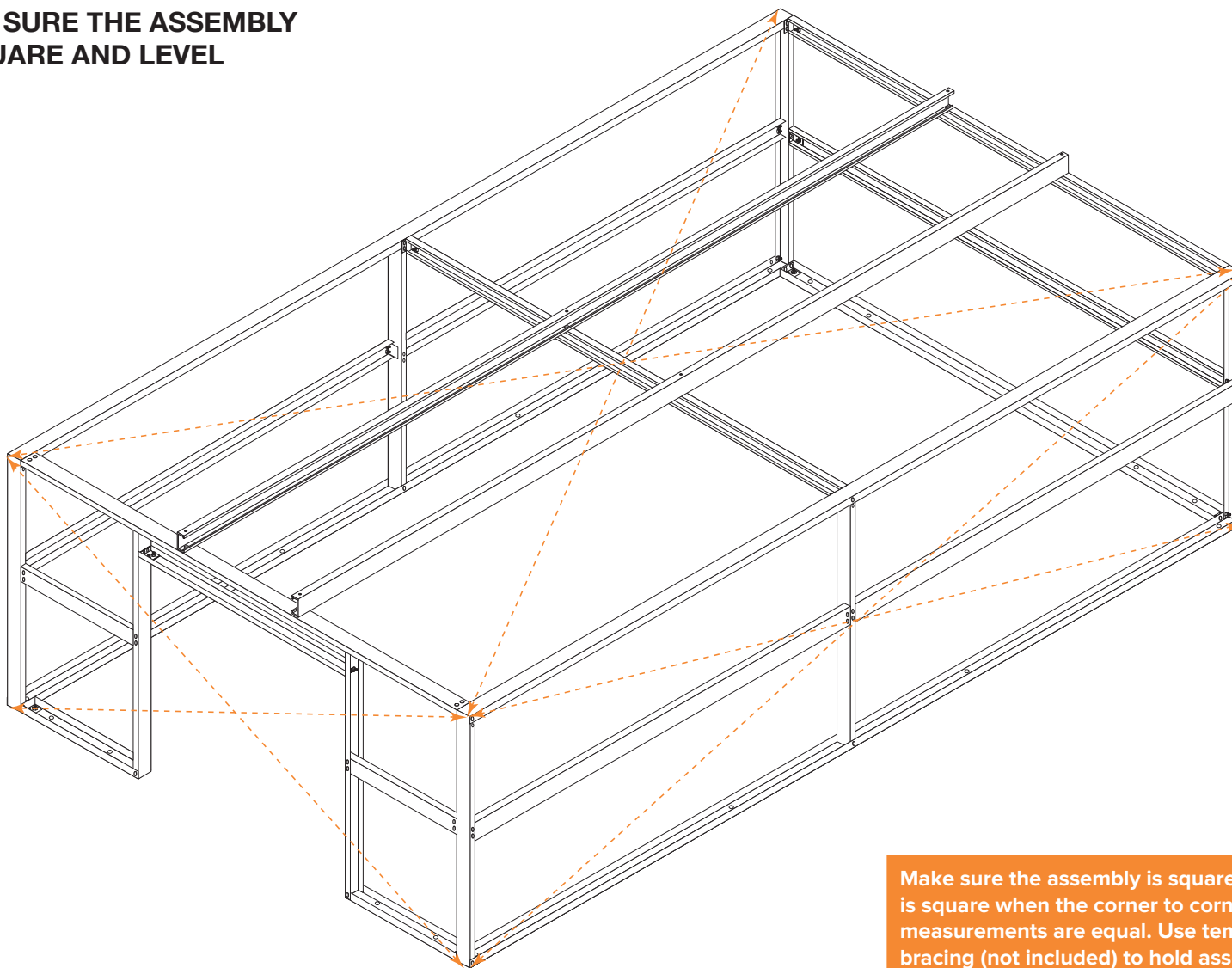


ROOF PURLIN (RP-1)

Open side of RP-1 faces to center of building



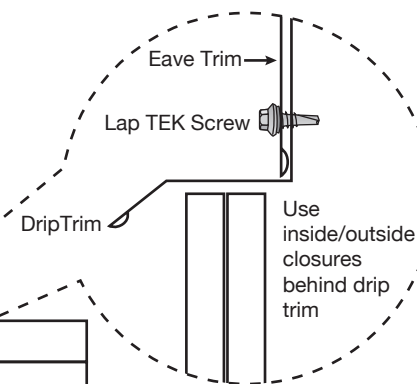
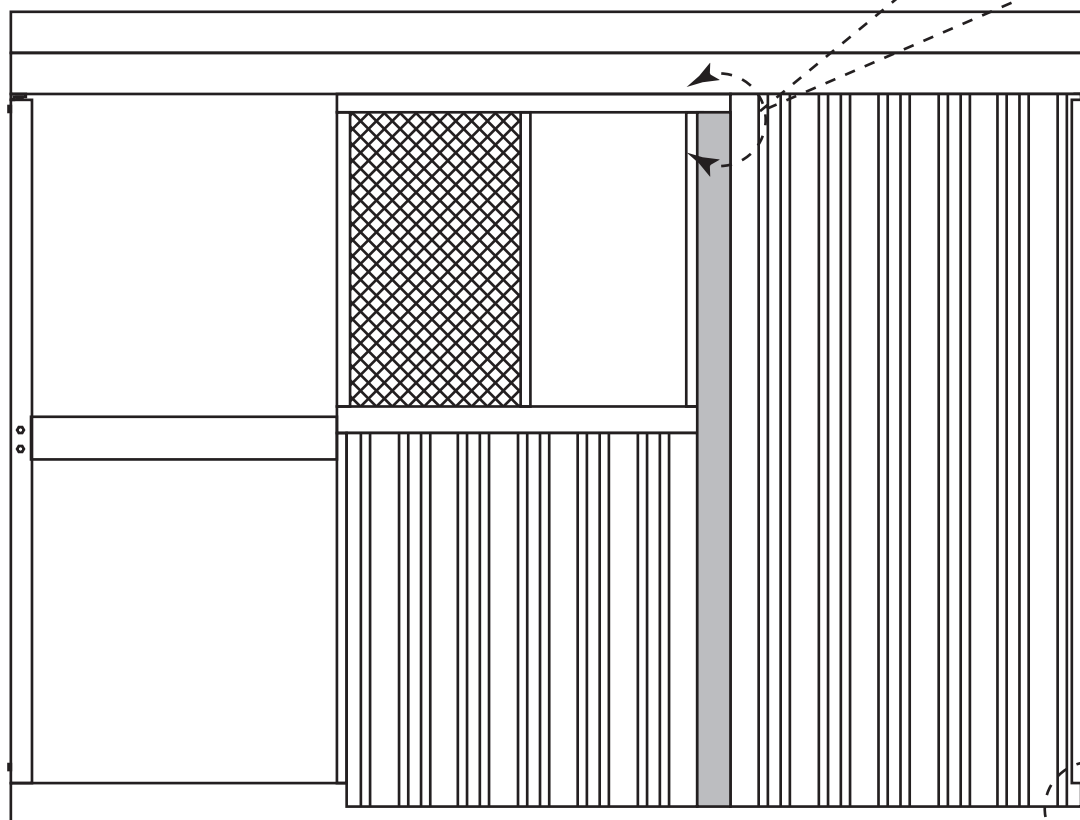
**MAKE SURE THE ASSEMBLY
IS SQUARE AND LEVEL**



Make sure the assembly is square. Assembly is square when the corner to corner measurements are equal. Use temporary bracing (not included) to hold assembly square if required.

WINDOW (OPTIONAL)

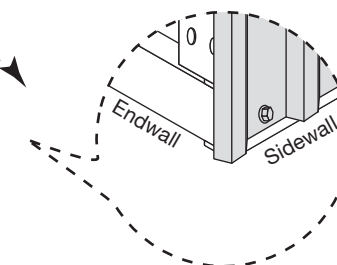
Start sheet 3/4" past steel line.



NOTE: Sheets below window will need to be field cut for window assembly.

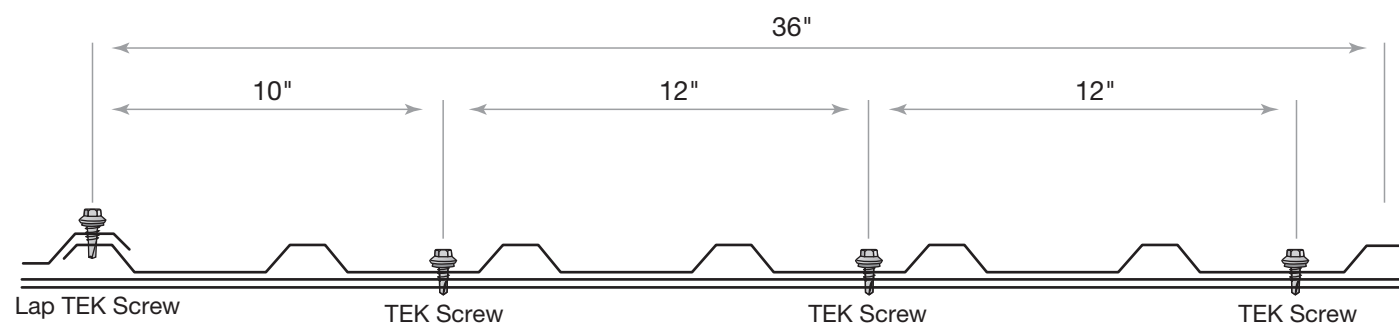
Insert window and flap flush to sheet.
Add drip edge window trim when installing eave trim.

See installation instructions included with the window packaging.

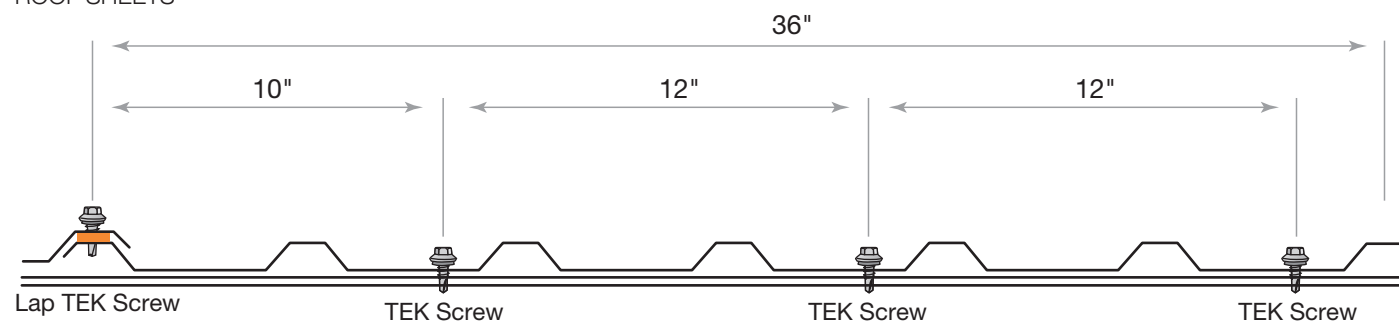


SHEETING SCREW PLACEMENT

WALL SHEETS



ROOF SHEETS

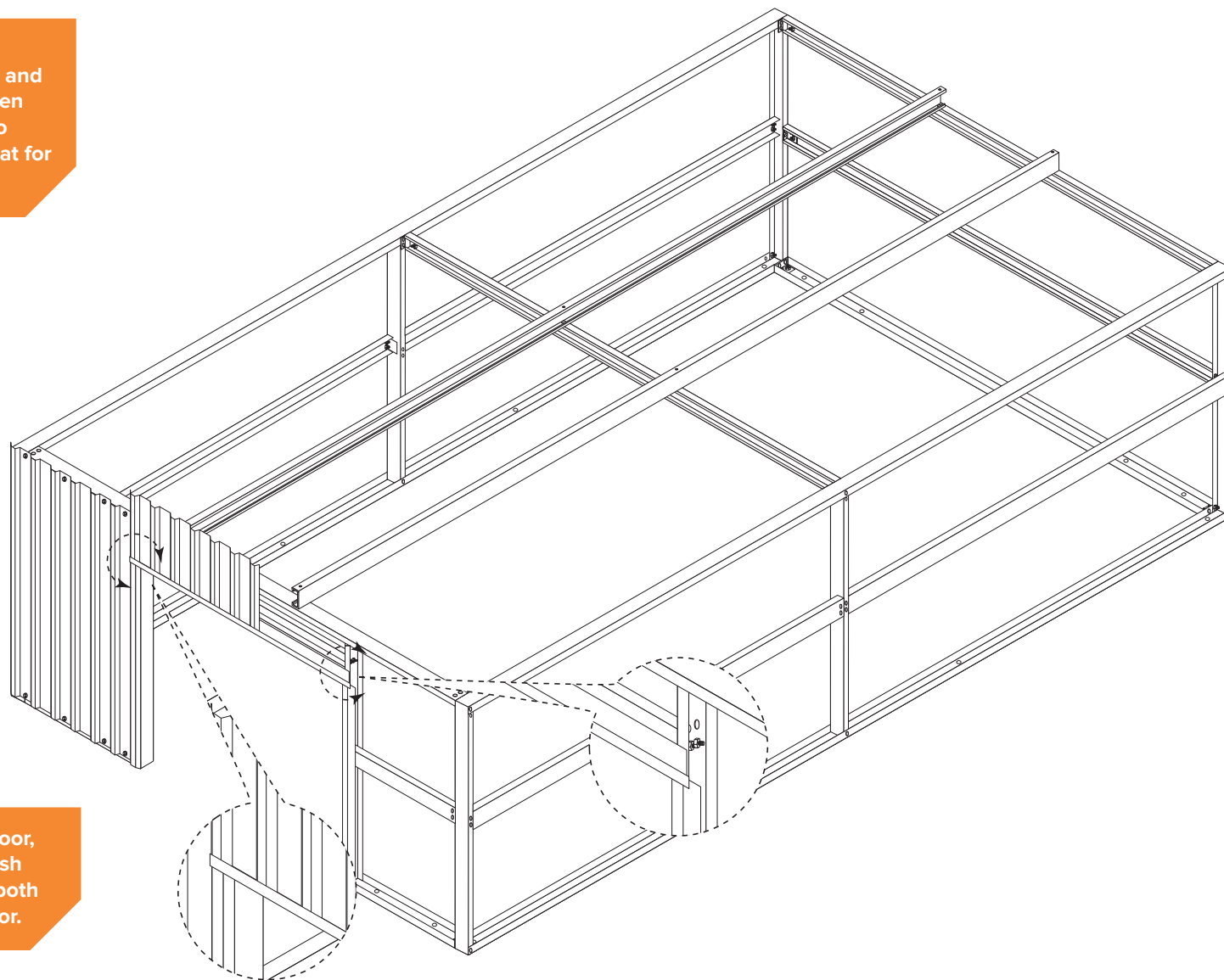


Place sealer tape between roof sheets only.

NOTE: Make sure to use TEK screws to attach sheets to purlins, lap TEK screws to attach sheets to sheets.

SHEETING

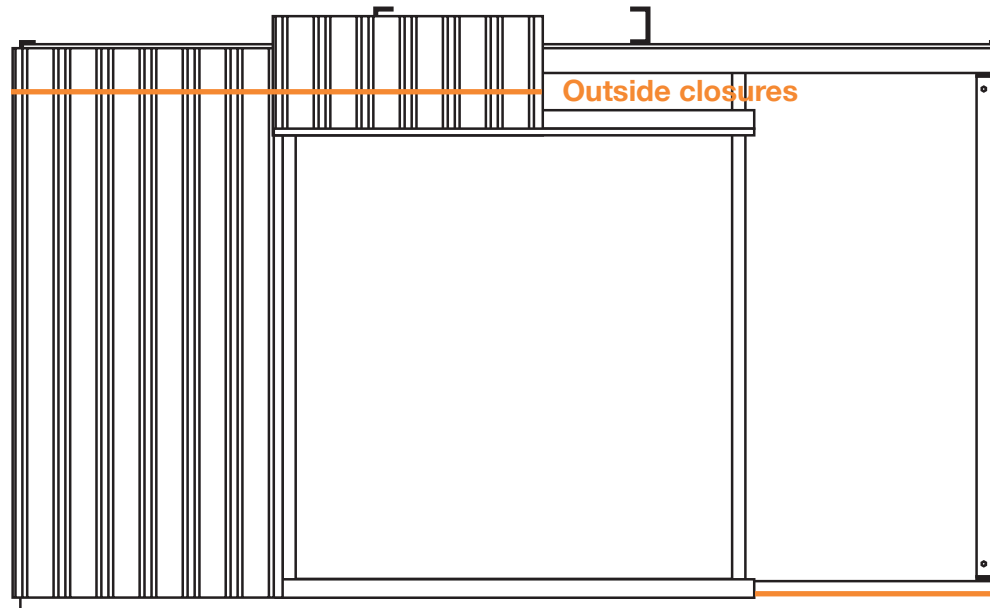
NOTE: Make sure the frame is plumb and level, and tighten all bolts prior to sheeting. Repeat for each wall.



NOTE: For side with door, start sheets flush with J-trim on both sides of the door.

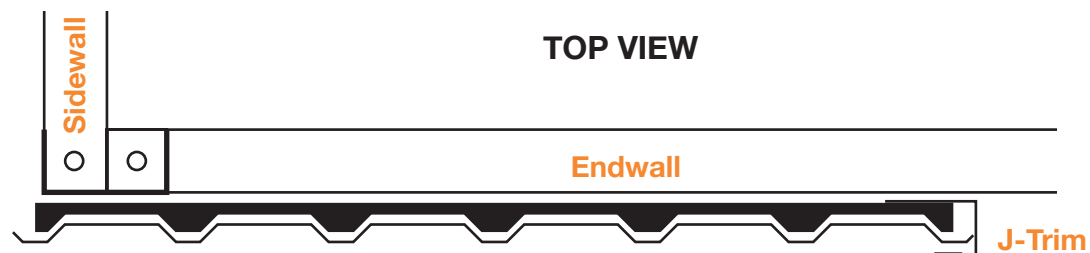
SHEETING ENDWALL WITH RUD DOOR

To install the RUD, see the RUD video and instructions.



NOTE: If using optional walk door, set jamb trim inside measurement at 5' 10 1/8".

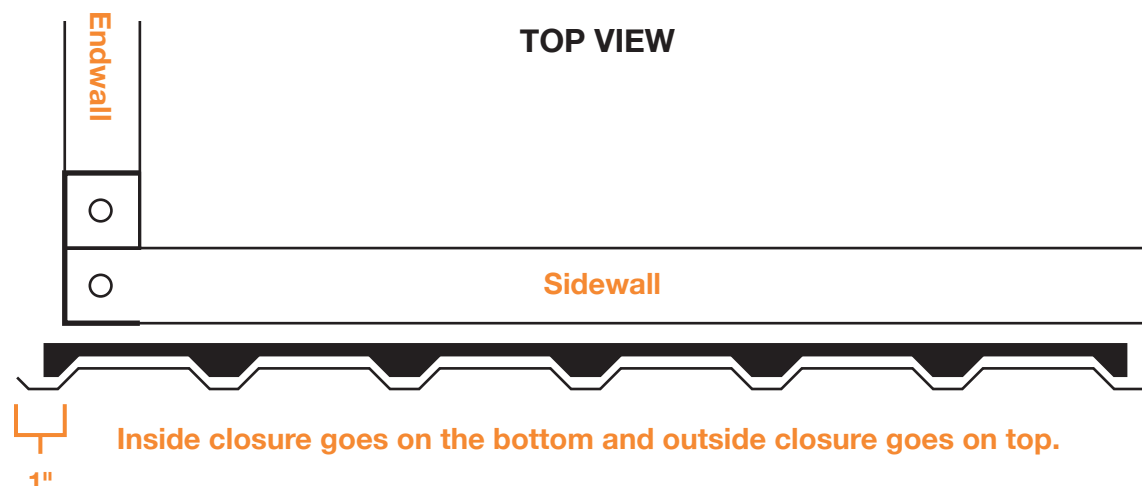
Inside closures



Inside closure goes on the bottom and outside closure goes on top.

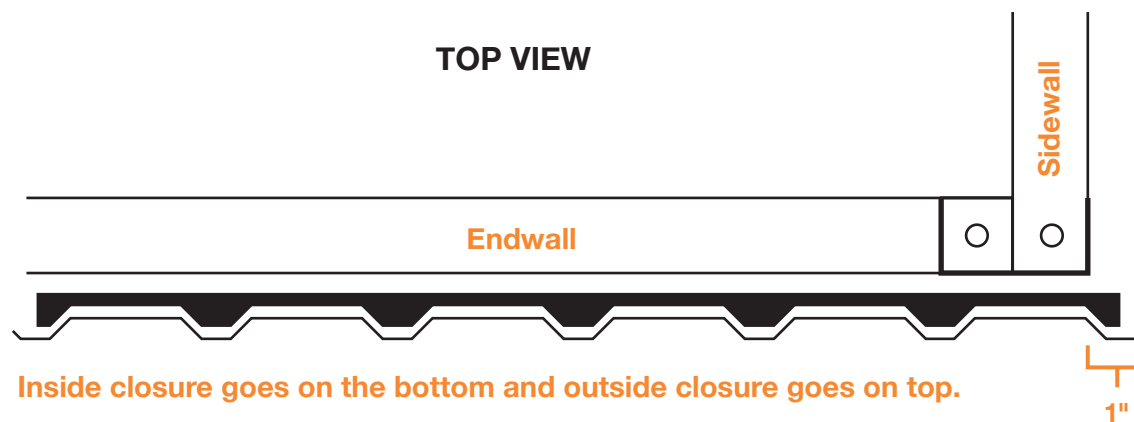
NOTE: Start sheets inside of J-Trim

SHEETING SIDEWALL



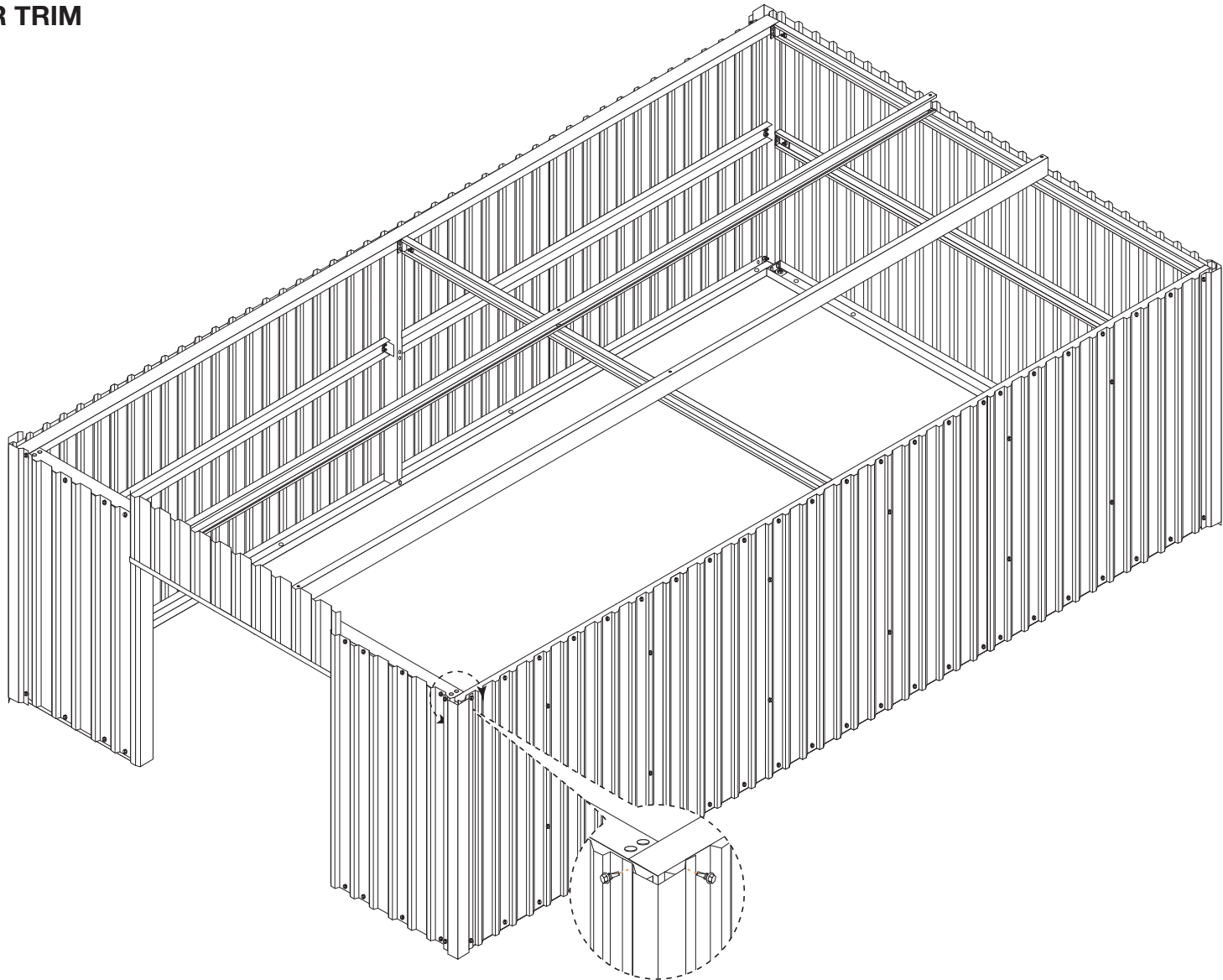
NOTE: Start sheets 1" out from endwall

SHEETING ENDWALL WITHOUT DOOR



NOTE: Start sheets 1" out from the sidewall

CORNER TRIM

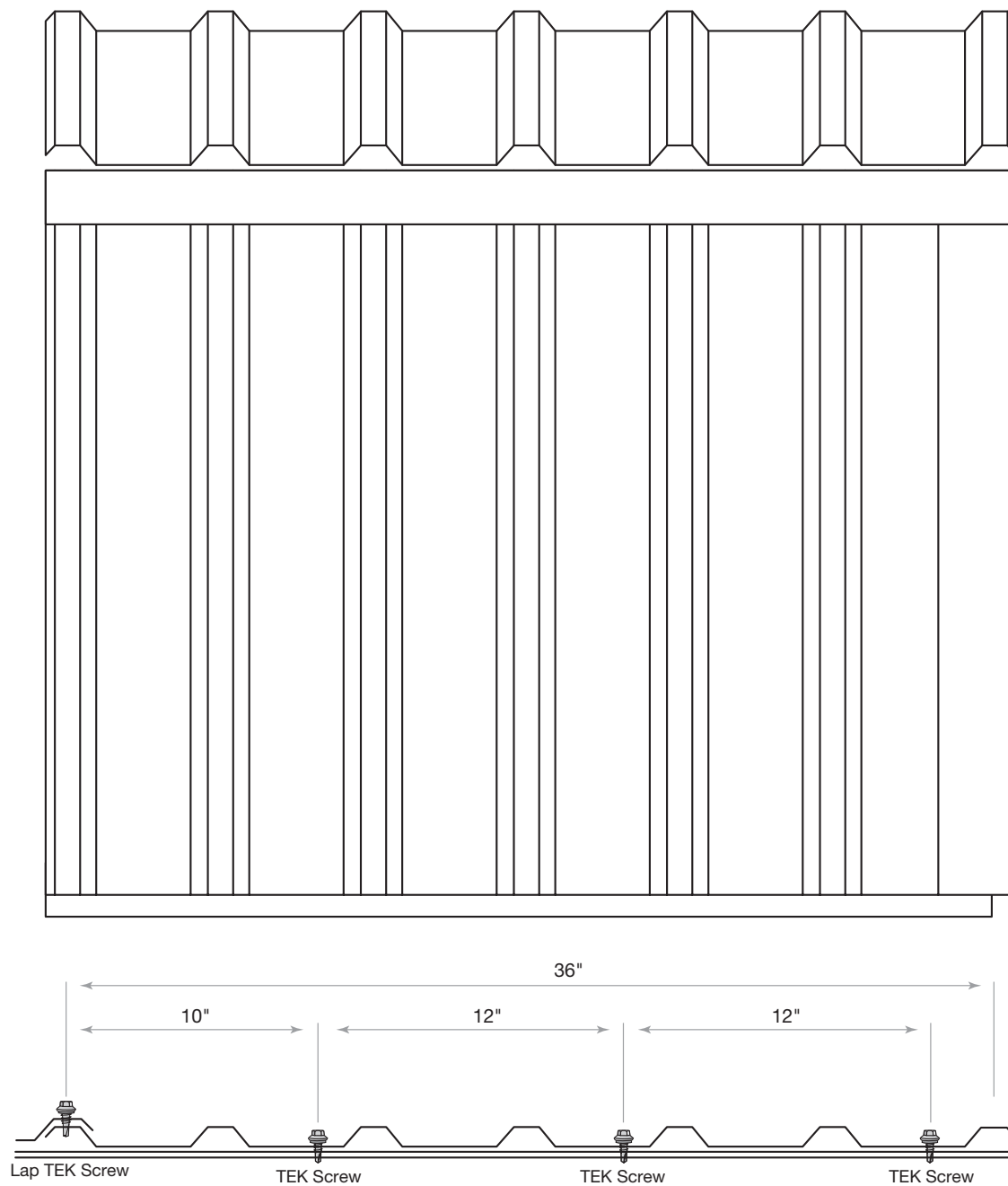


BACK SIDE WALL

Roof to wall sheet alignment

Align major ribs from wall to major rib on roof

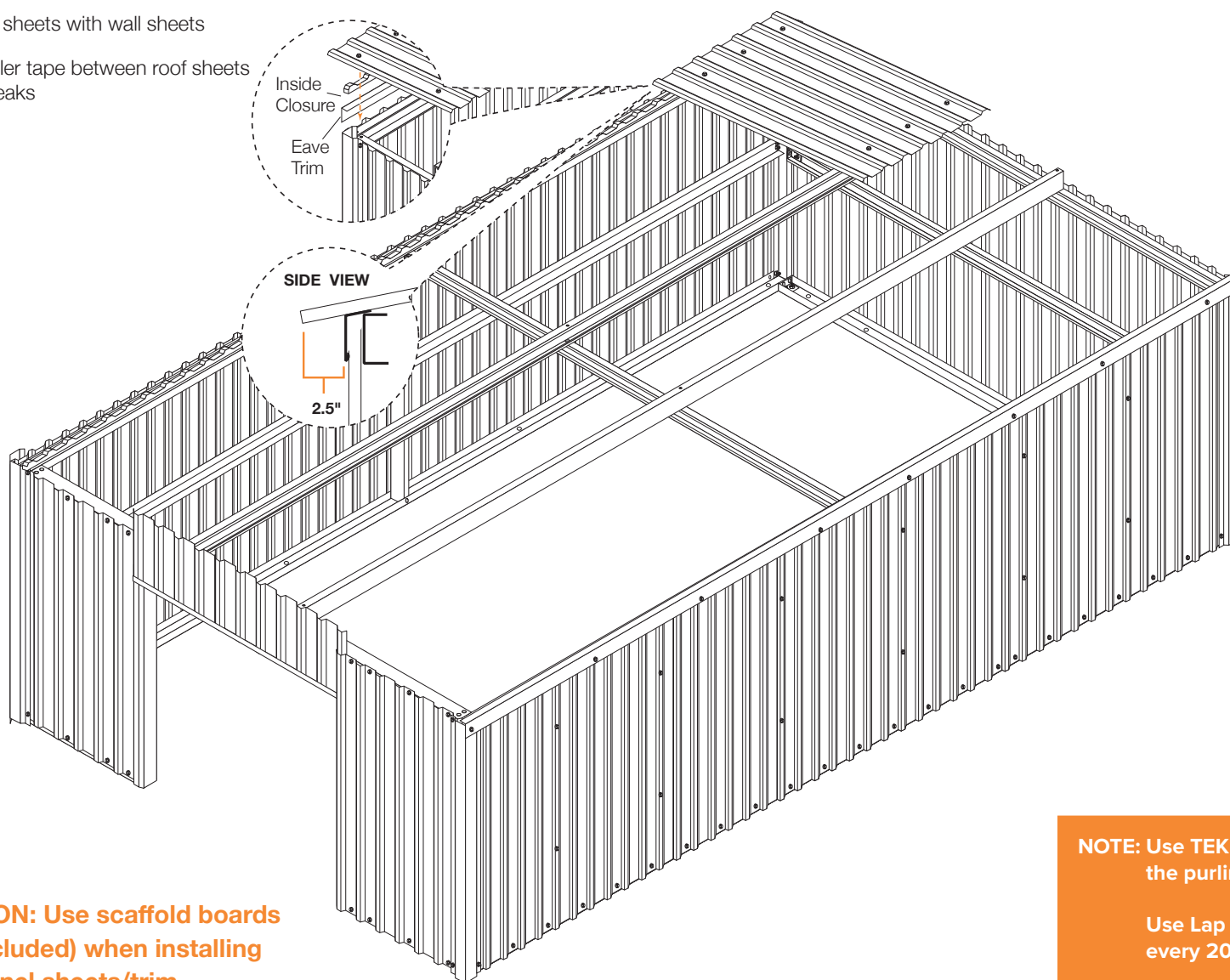
NOTE: Make sure panels remain square during installation.



SHEETING THE ROOF

Align roof sheets with wall sheets

Place sealer tape between roof sheets to avoid leaks



CAUTION: Use scaffold boards (not included) when installing roof panel sheets/trim

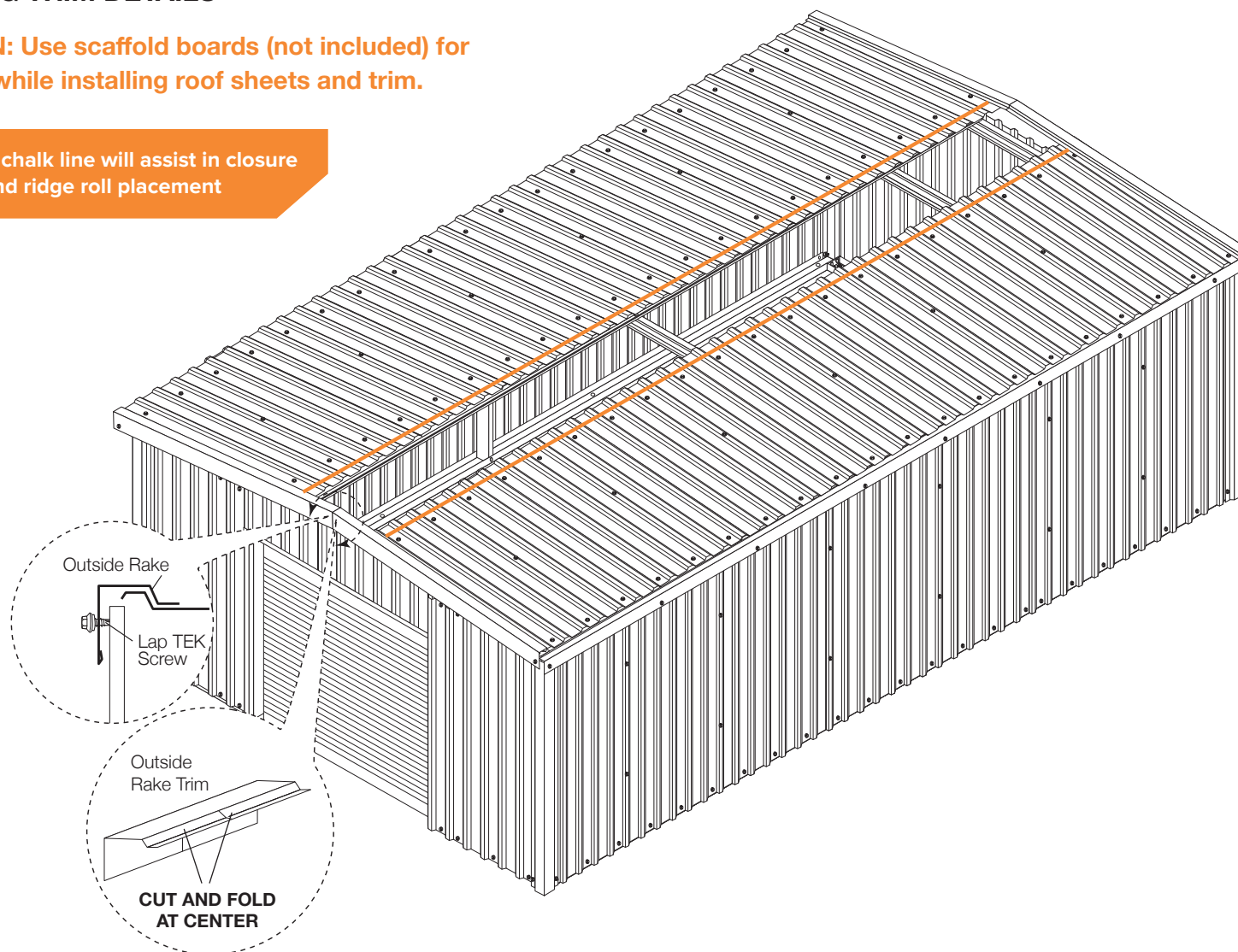
NOTE: Use TEK screws at the purlins

Use Lap TEK screws every 20\"/>

ROOFING TRIM DETAILS

CAUTION: Use scaffold boards (not included) for support while installing roof sheets and trim.

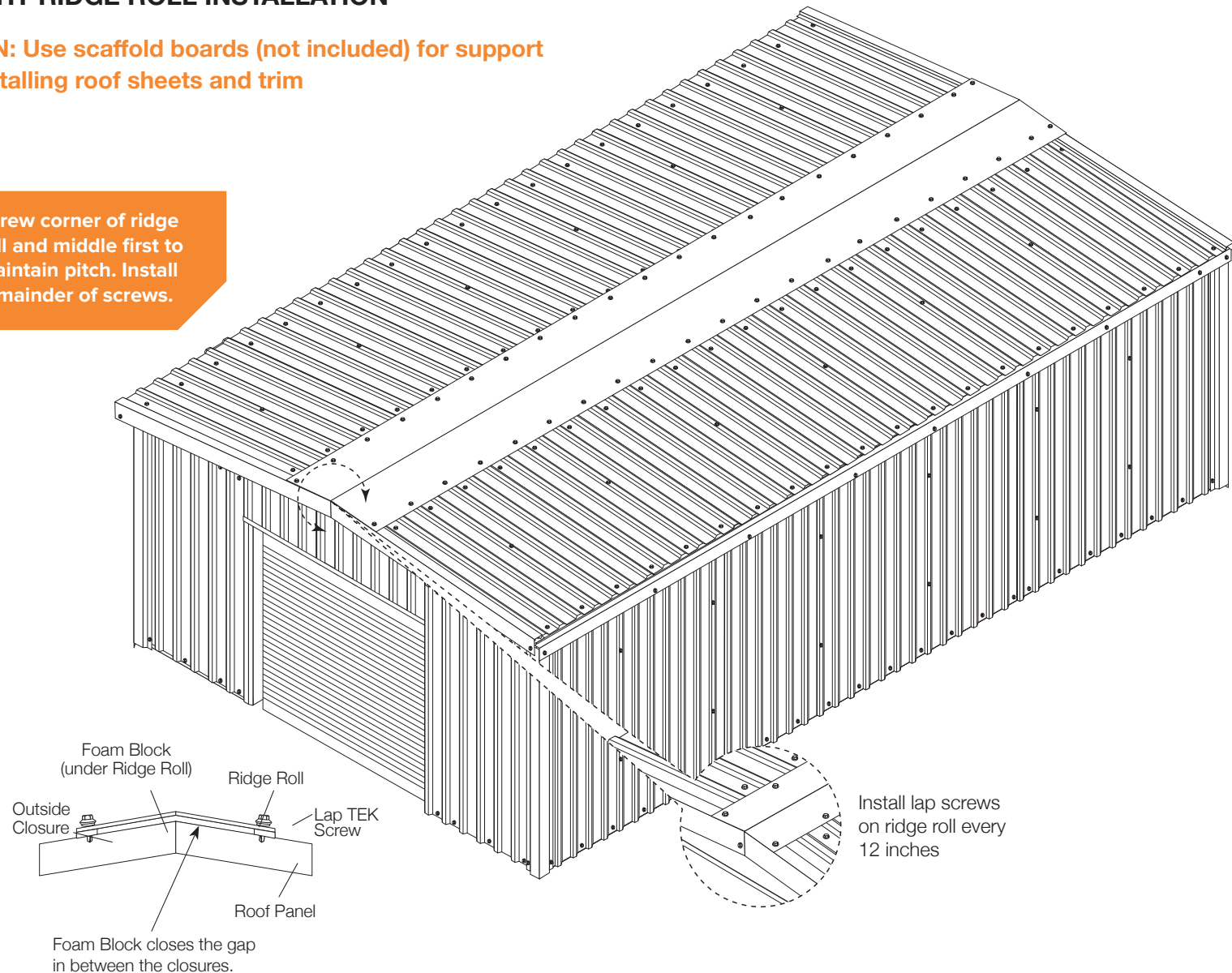
NOTE: A chalk line will assist in closure and ridge roll placement



SKYLIGHT RIDGE ROLL INSTALLATION

CAUTION: Use scaffold boards (not included) for support while installing roof sheets and trim

HINT: Screw corner of ridge roll and middle first to maintain pitch. Install remainder of screws.



TOTAL BUILDING MEASUREMENTS

