Installing NSF Vinyl Coving

(For use with walk-ins located indoors only, 4" panels only) Please read entire instruction before starting installation.

Tools required: Tape measure, level, square, chalk line, drill, hacksaw, utility knife, caulking gun, assorted wrenches, putty knife

Materials required: Shims of various sizes and thickness for leveling the panels may be required. All other materials are provided.

Note: Corner assemblies are supplied. Other pieces must be cut and notched by the installation crew.

1. Subtract 1" from the inside dimensions of the walk-in and mark the perimeter on the existing floor using the chalk line. Make sure the corners ore absolutely square. The diagonal measurements across the corners must be equal. Note: Apply a 1/8" bead of RTV silicone caulking (016791) along the grooves on the underside of each piece of coving before permanently placing it in position. The inside flange of the coving should be flush with the chalk line. *See figure 1.* Maintain a 1/16" space between coving pieces to allow the division clips to fit.
2. Place a coving corner section (019091) into position. Drill a 5/16" dia. x 1-5/8" deep hole, 2" in from each end, through the center of the coving into the existing floor. Use a 5/16" dia. x 1½" long expansion bolt (016719) to secure the caving to the floor. *See figure 1.* Note: See attached Notification N-81-108A when anchoring coving to built-in insulated floor.
3. Place a straight piece of coving on either side of the corner panel, maintaining a 1/16" spacing between pieces. Make sure the coving runs straight. Drill 5/16" dia. x 1-5/8" deep holes, 3" in from each end. Fasten the coving to the floor using the expansion bolts (016719). *See Figure 1.* Place additional bolts every 46" through the length of the coving.
4. Before erecting any vertical panels, locate the high point of the existing floor. All panels must be level to that point.
5. Place a vertical corner panel in place and shim as necessary to level it with the high point of the floor, Erect a vertical panel on the side of the corner where the straight coving section is fastened, following the instructions in the Bally Walk-In Erection & Service Manual. Shim as necessary. *See Figure 2. (Use fiberglass insulation to fill voided areas within the coving caused by shimming.)*
6. Continue to install straight coving sections and vertical panels up to the next corner panel to be erected. The last straight coving section installed before the caving corner panel should extend 3-¾" post the last vertical panel erected. Cut the straight coving to size. *See Figure 3.*
7. Place a vertical corner panel into a coving corner section. Slide the vertical corner into position and Speed-Lok it to the last vertical panel erected. This section of coving is not bolted to the existing floor. *See Figure 3.*
8. Make sure the corner is square. Place the next piece of straight coving required into position, making sure it is parallel with the chalk line. Drill a 5/16" dia. x 1-5/8" deep hole through the coving, 1" away from the vertical corner panel. Space additional bolts every 46". Fasten the coving to the floor. *See Figure 3.*
9. Continue to erect vertical panels and coving pieces up to the next corner section and repeat steps 7 & 8 as required until the installation is complete. The lost panel to be erected must be a vertical corner section.
10. Coving sections must be correctly notched to assure a proper fit around doors and at partition panels.
    a) Partitions - the correct method for notching is shown in *Fig. 4.*
    b) Doors with sill - *see Fig. 5* for correct notch. The coving should be flush with the door opening.
    c) Door less sill - *see Fig. 6* for correct notch. The coving is notched short on the inside of the door panel to allow the installation of door anchors (004906). An aluminum cap (004590) has been provided for each door anchor. Apply a bead of RTV silicone caulking along the edges of the coving prior to placing the cap in position. Apply a bead of caulking along all the flanges of the cap, then place the cap over the door anchor. Pop-rivet (017127) the cap to the door panel and apply caulking on the pop-rivet head. Make sure all voided areas of door opening are caulked. *See Fig. 8.*
11. Straight (01B532) and corner (018533) division clips are provided. Prior to placing them at all joints, apply a bead of caulking along both sides of the joint. (Note: corner clips are not required for inverted corners.) *See Fig. 8.*
12. RTV silicone caulking (016791) must be applied along the top and bottom edges of the coving, at all division clips and at all door openings on the interior and exterior of the walk-in. Use a putty knife to push the coving away from the vertical panel to assure the caulking is entrapped. Make sure all voided areas are sealed. *See Fig. 8.*
13. Continue with the erection of the walk-in as detailed in the Bally Walk-In Erection & Service Manual.

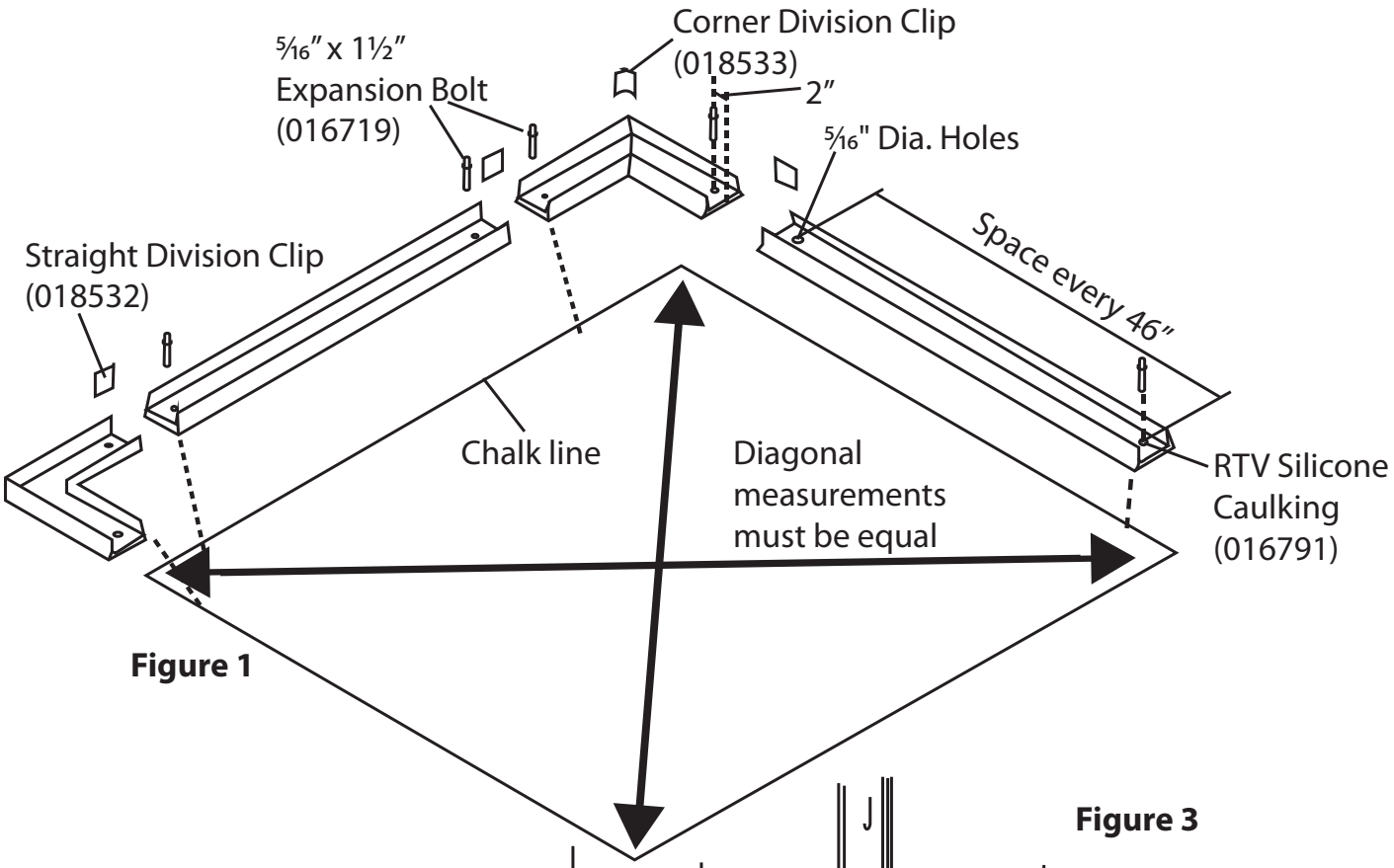


Figure 1

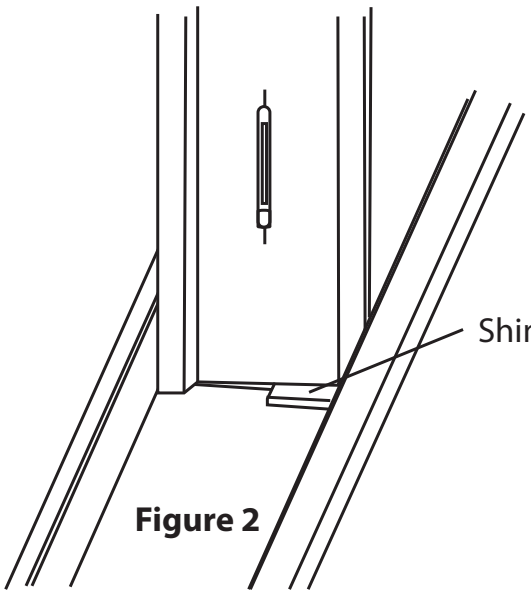
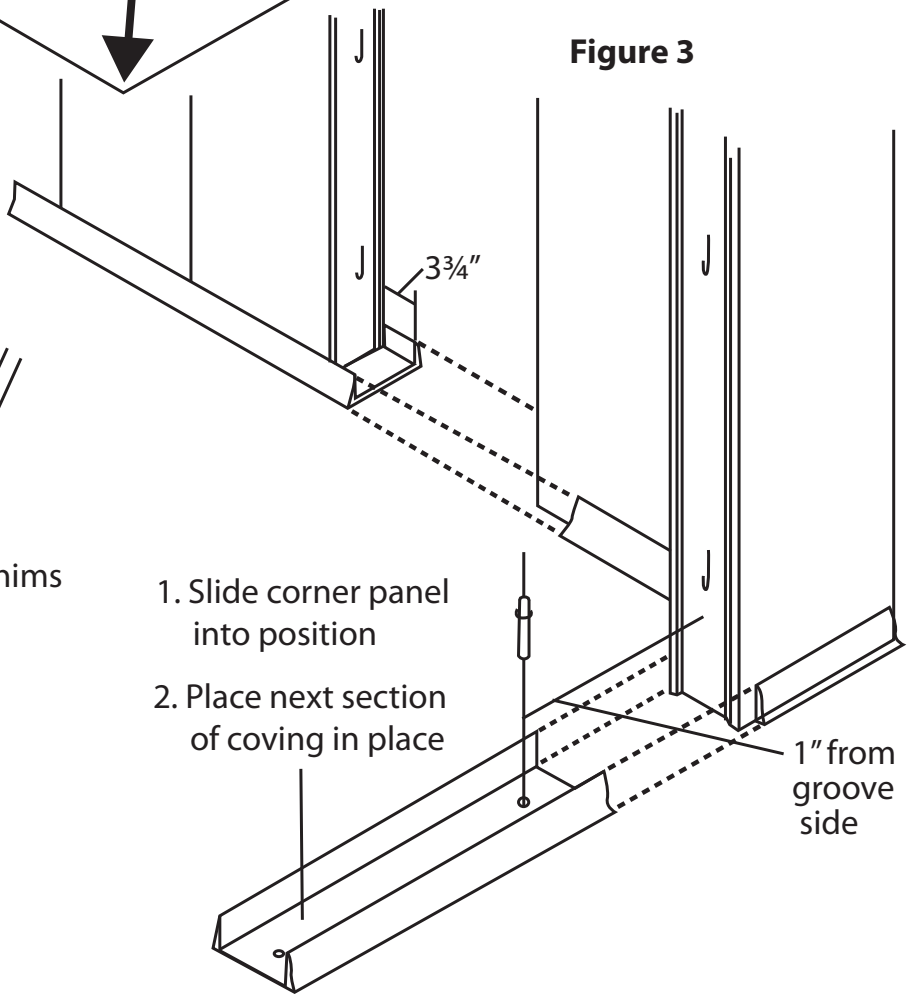


Figure 2

Figure 3



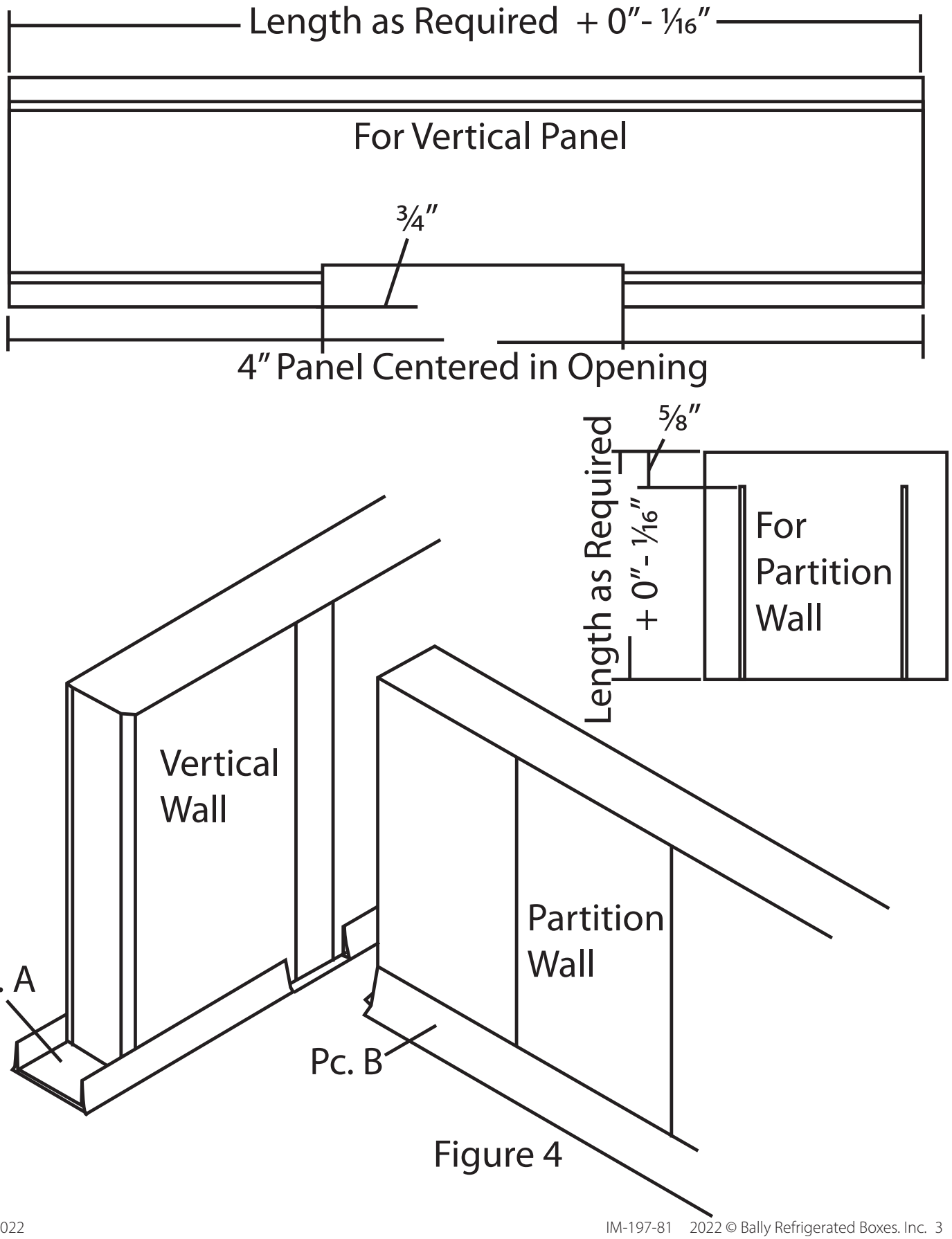
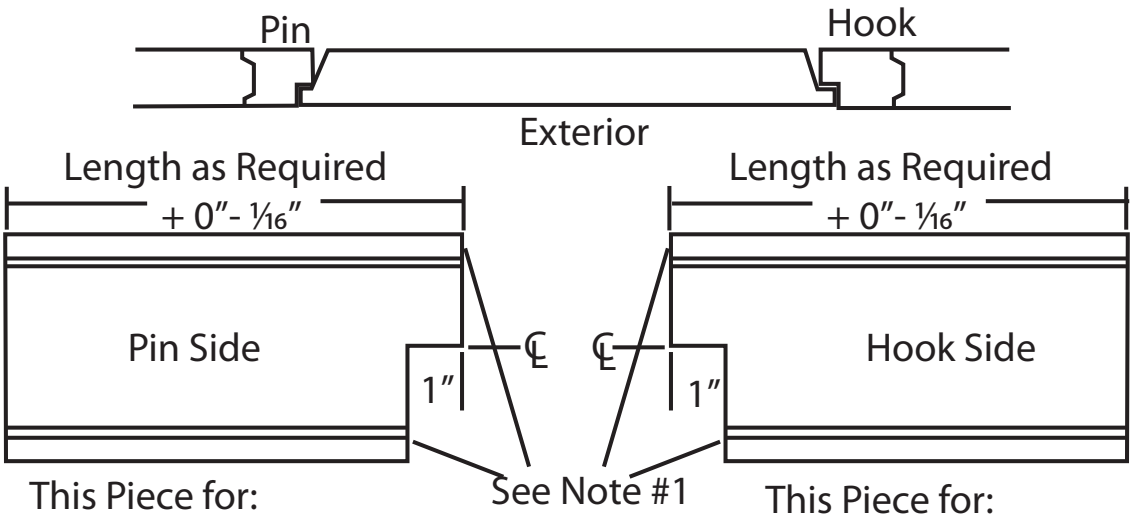


Figure 4

Figure 5

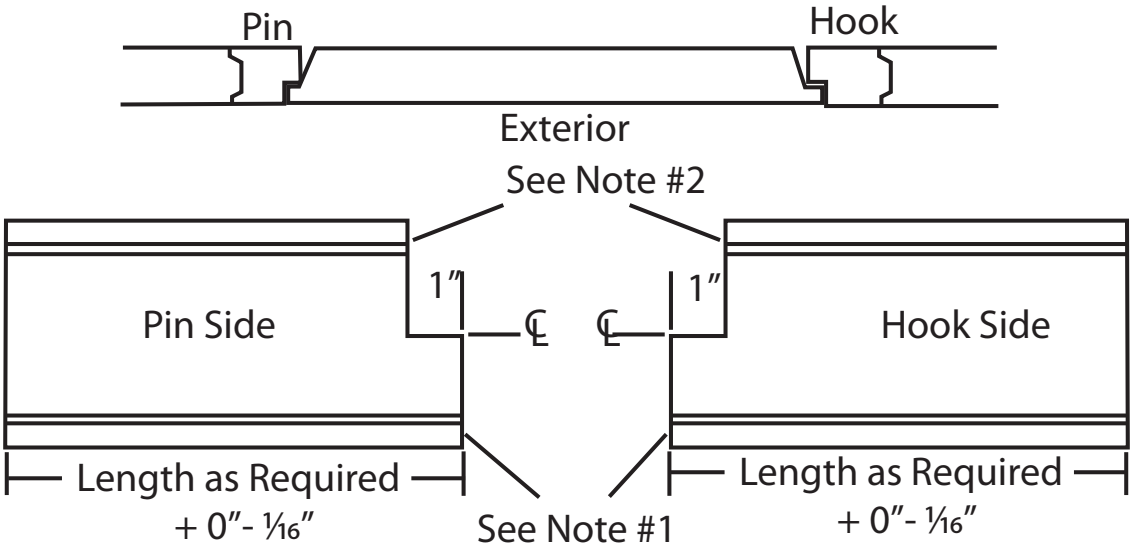


This Piece for:
Door w/ Stepplate Overall Length to Door Opening on Inside of Doorcap, Pin Side

This Piece for:
Door w/ Stepplate Overall Length to Door Opening on Inside of Doorcap, Hook Side

Note #1: These points will be flush with the door opening.

Figure 6



This Piece for:
Door w/ Loop Heaters
Overall Length to Door Opening on Exterior of Doorcap, Pin Side

This Piece for:
Door w/ Loop Heaters
Overall Length to Door Opening on Exterior of Doorcap, Hook Side

Note #1: These points will be flush with the door opening.
Note #2: This section of caving should be 1" short of the door opening on the inside of the door panel

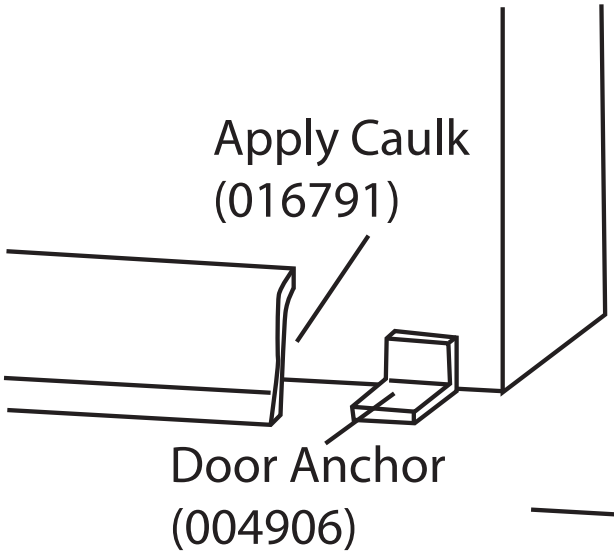
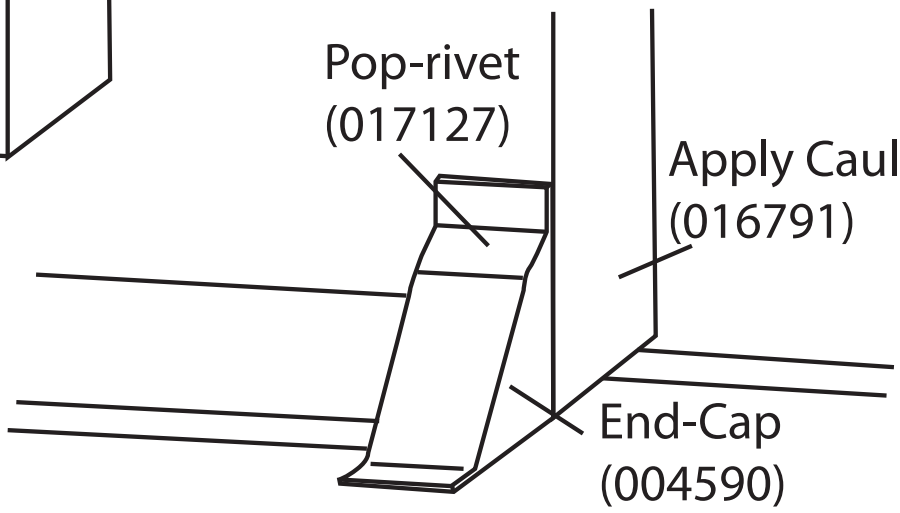


Figure 7



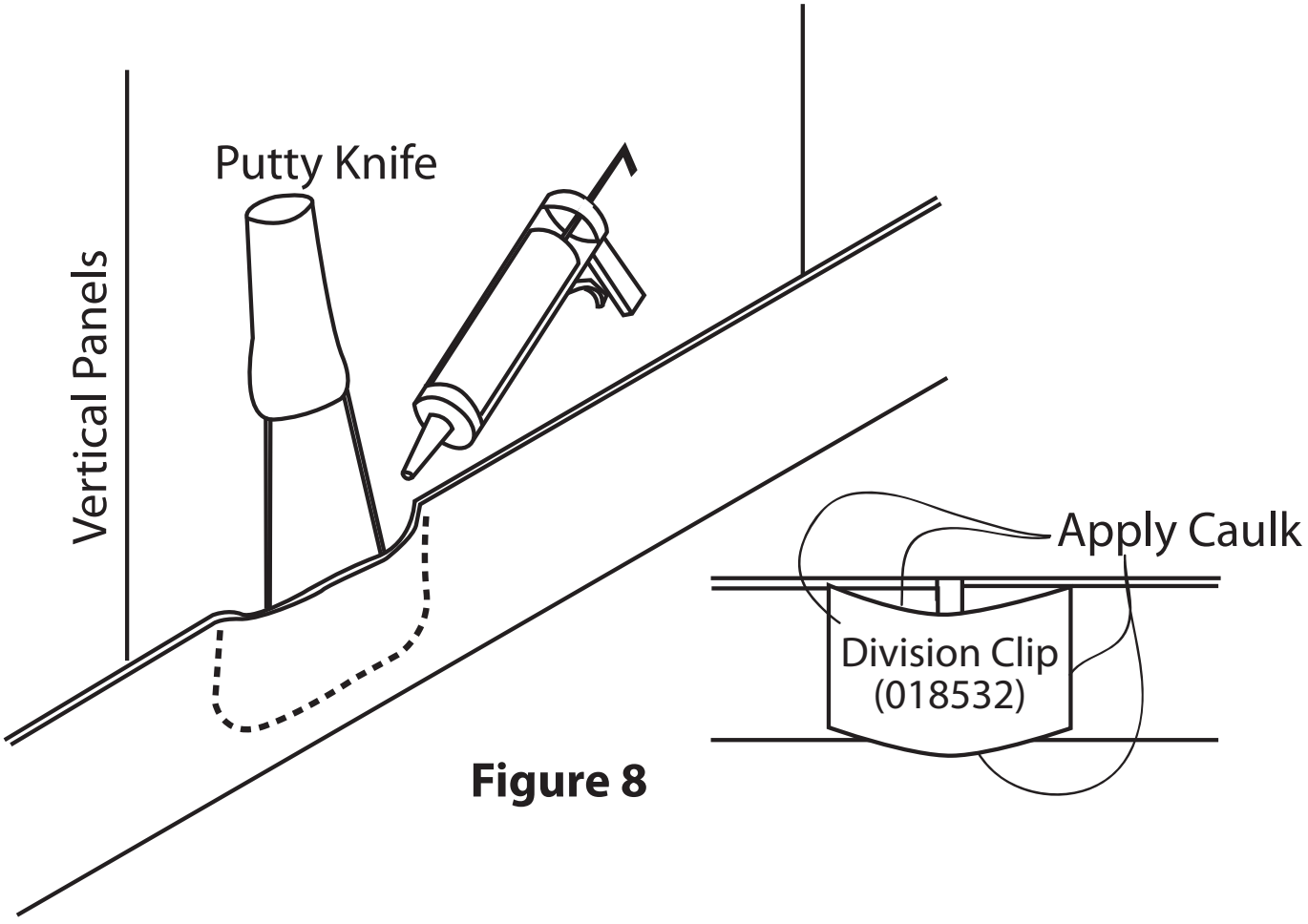


Figure 8

