

## Table of Contents

Posts - Pg	2
Bypass - Pg	7
Finished End - Pg	8
T/X Adaptor - Pg	10
Wall Start - Pg	15
Mini End - Pg	16
Power and Data - Pg	20

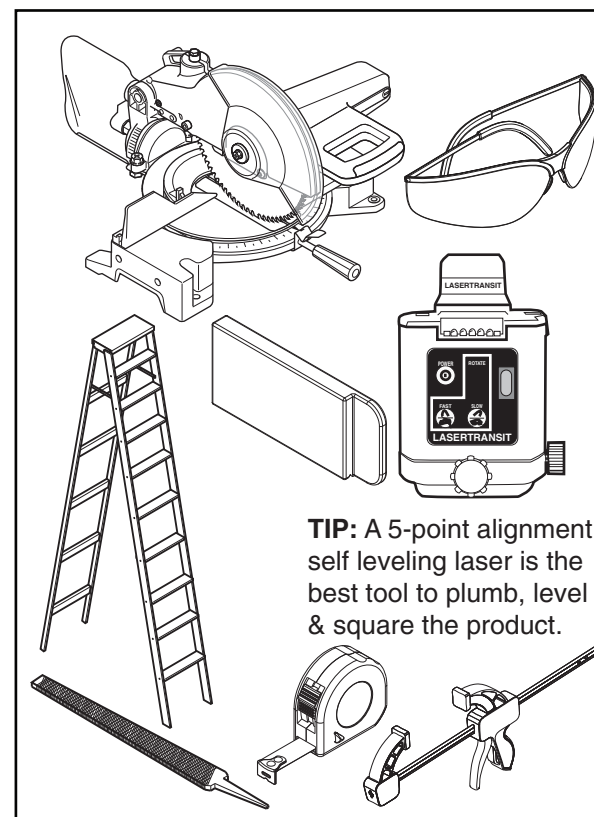


By Steelcase Inc. Grand Rapids, MI 49501-1967  
www.steelcase.com/patents

Model: FEIJA2V  
Ship Date: 10/09/13 Athens  
Order No.: 05207605-001160  
Barcode: 1PN8Z952O  
Assembled By: F529602  
Finishes **6249**

**JODEF**  
PH: 108.000 MH: 105.618

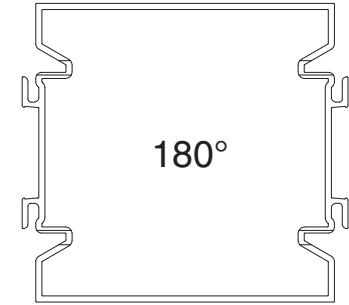
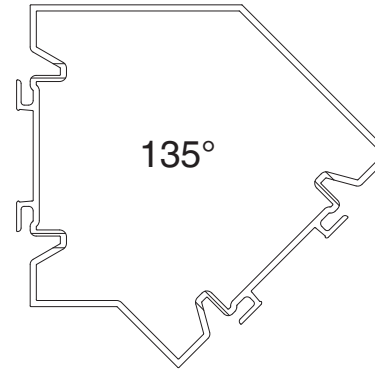
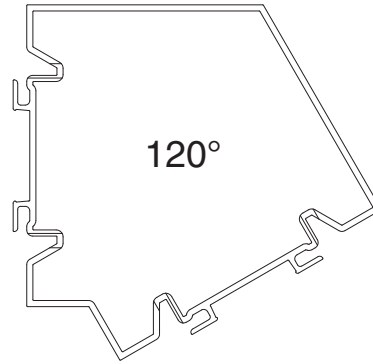
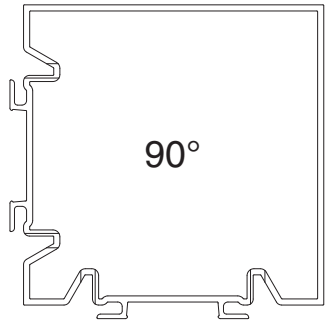
Installation Reference Identification (IRID) Label example shown above. Many Everwall Products have specific locations within the floor plan layout. These products will be identified with an Installation Reference Identification Label. The Installation Reference ID Label number will indicate the location of the product within the floor plan layout. Detailed information can be found on the label including style/model number, finish, Plan dimensions, Measured dimensions etc....



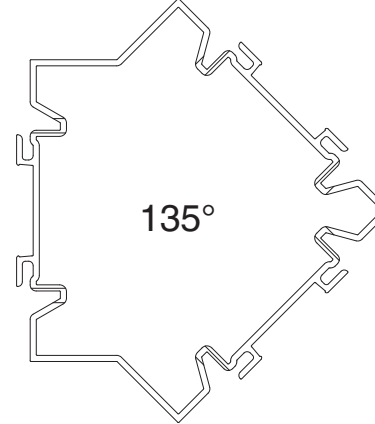
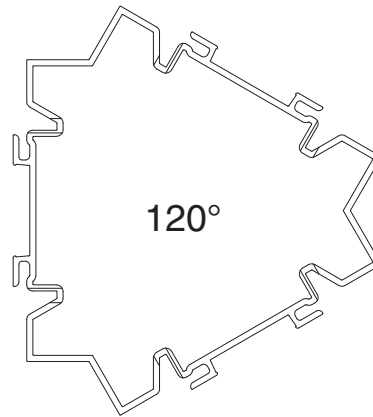
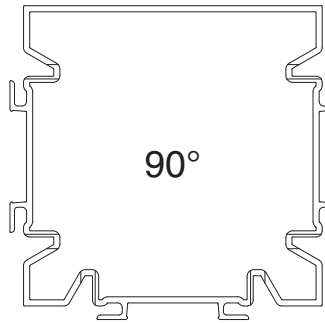
**TIP:** A 5-point alignment self leveling laser is the best tool to plumb, level & square the product.

## Post Conditions

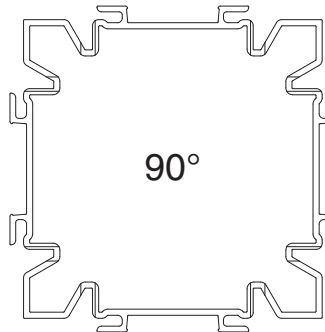
### 2-Way Posts



### 3-Way Posts



### 4-Way Posts

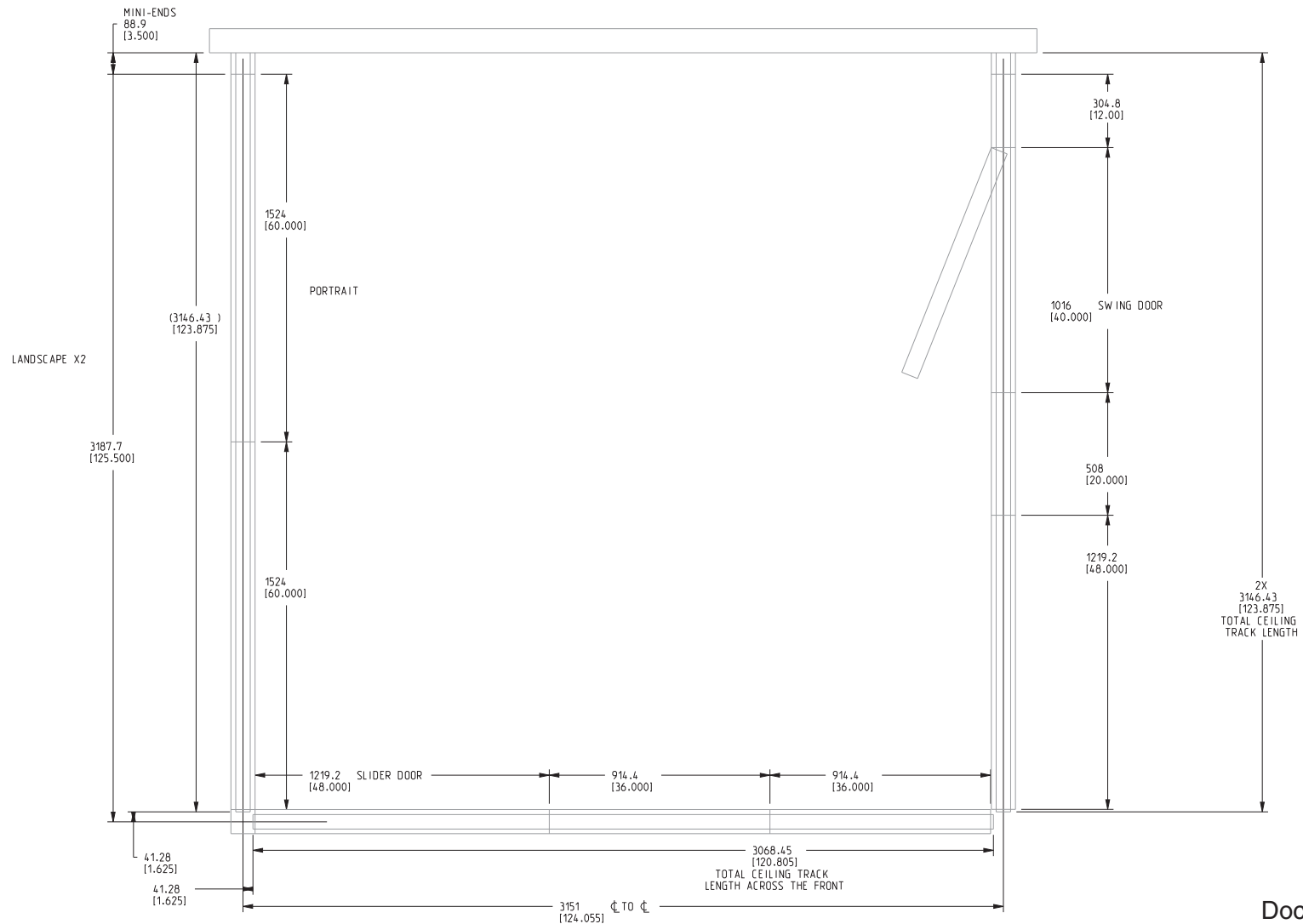


**Note:** Posts are single piece extruded aluminum that are cut to length on site. Posts connect to other Everwall product with Frame Couplers.

## Field Cutting Posts

From the plan view layouts determine actual ceiling height at locations for post designated for that area.

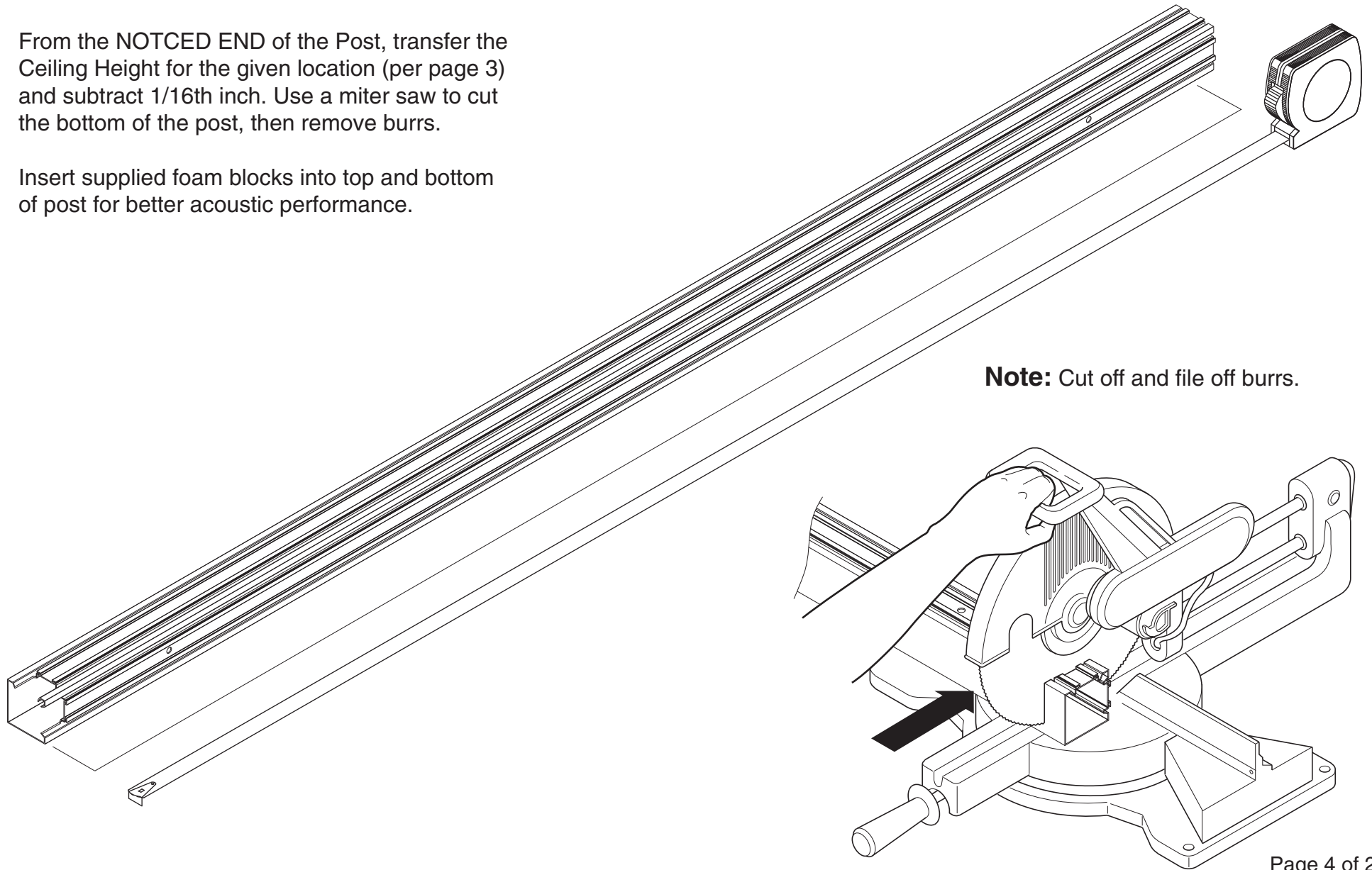
Check the IRID label on the post to verify correct angle and finish.



## Field Cutting Posts. (2 Way 90 Shown.)

From the NOTCED END of the Post, transfer the Ceiling Height for the given location (per page 3) and subtract 1/16th inch. Use a miter saw to cut the bottom of the post, then remove burrs.

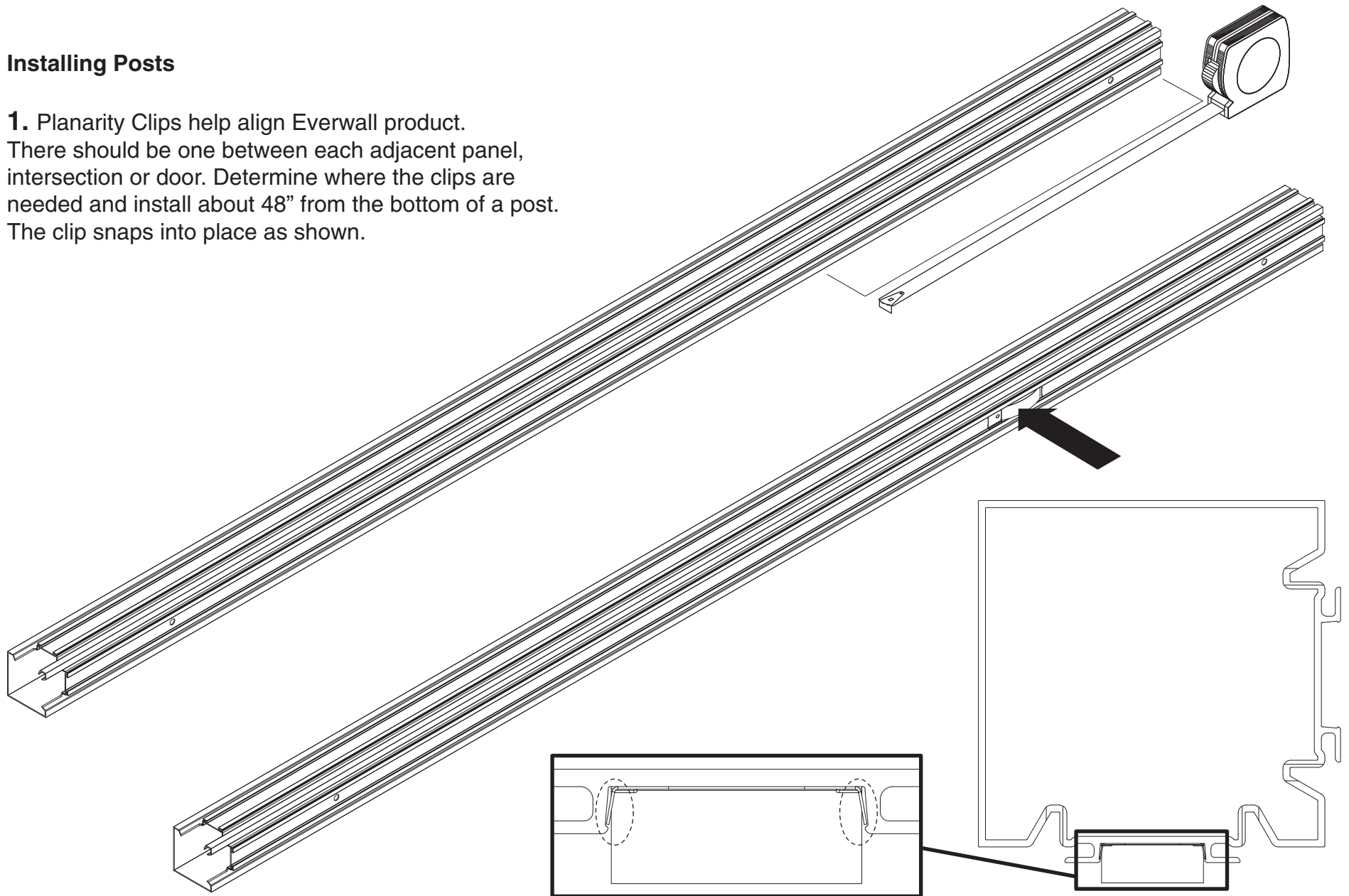
Insert supplied foam blocks into top and bottom of post for better acoustic performance.





## Installing Posts

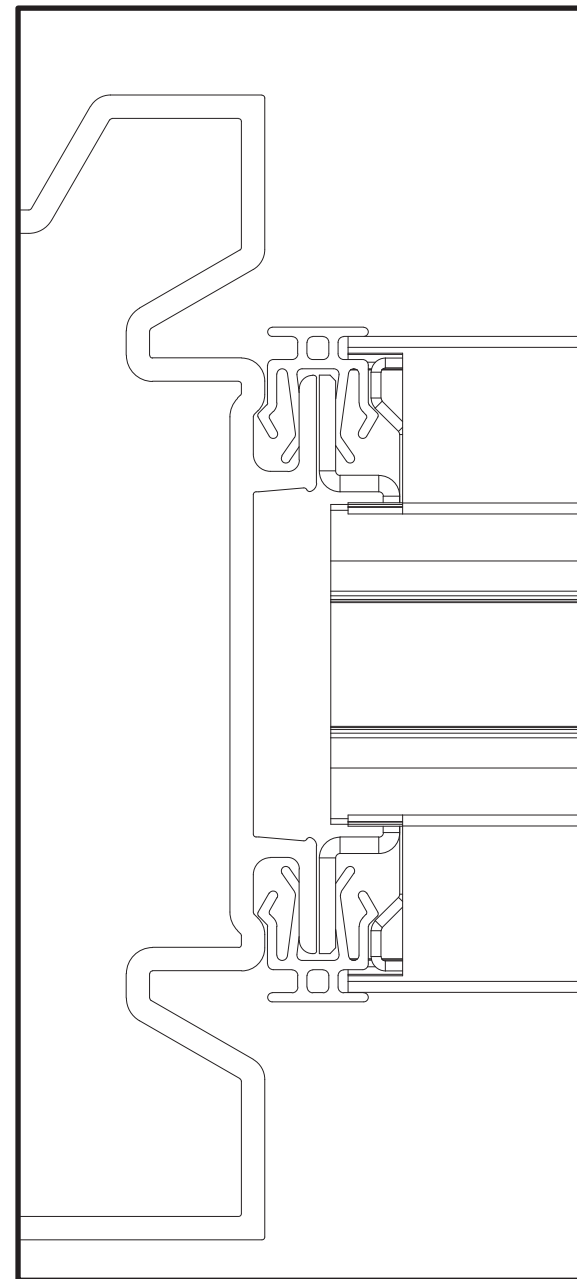
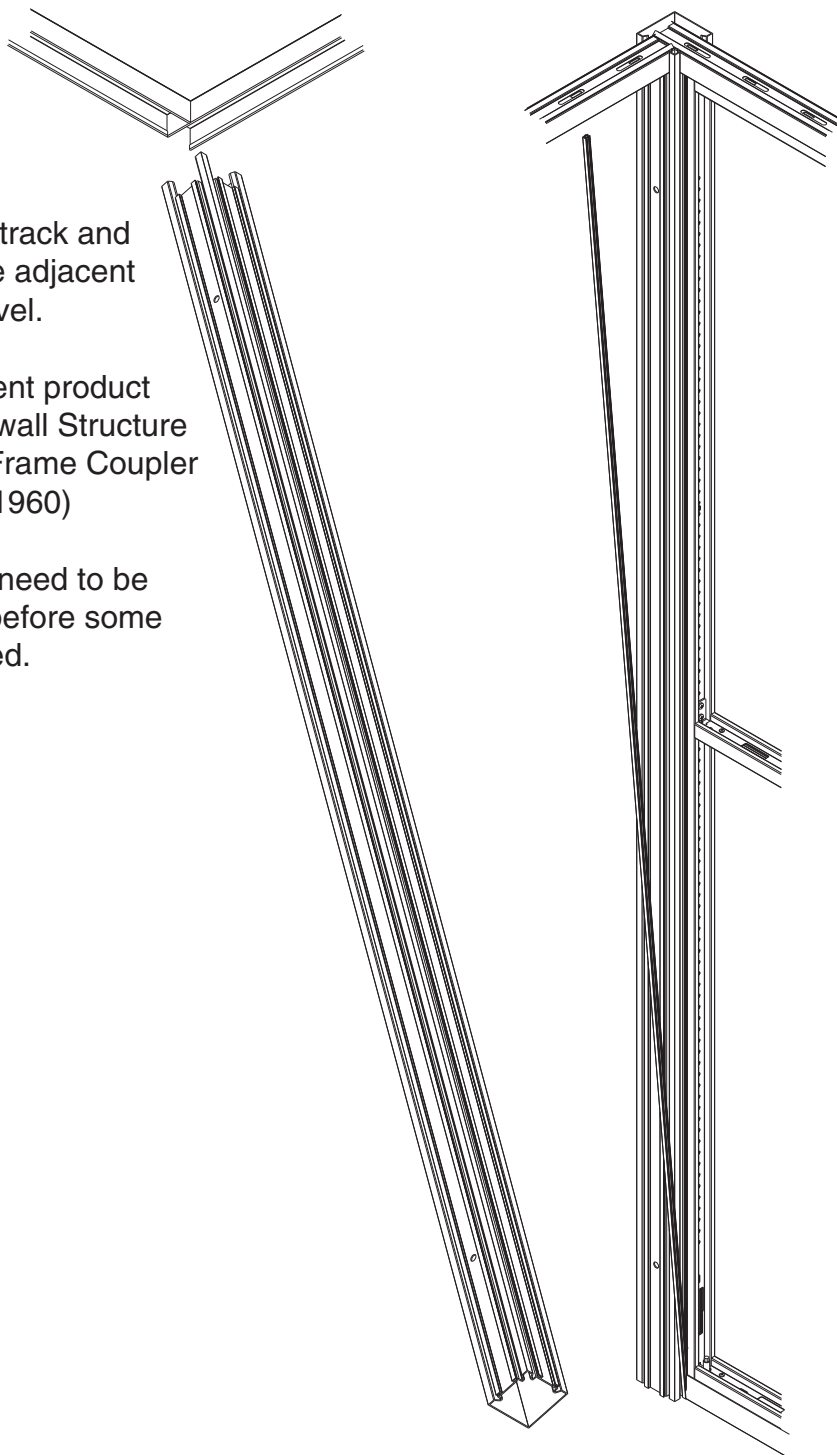
**1.** Planarity Clips help align Everwall product. There should be one between each adjacent panel, intersection or door. Determine where the clips are needed and install about 48" from the bottom of a post. The clip snaps into place as shown.



1. Angle the post into the ceiling track and move into a vertical position. The adjacent product should be plumb, and level.

2. Connect the post to the adjacent product with Frame Couplers. (See Everwall Structure Assembly Directions for proper Frame Coupler installation instruction. Doc # 161960)

Tip: 3 Way and 4 Way posts will need to be positioned into the ceiling track before some of the adjacent product is installed.



A Bypass is used at a drywall end.

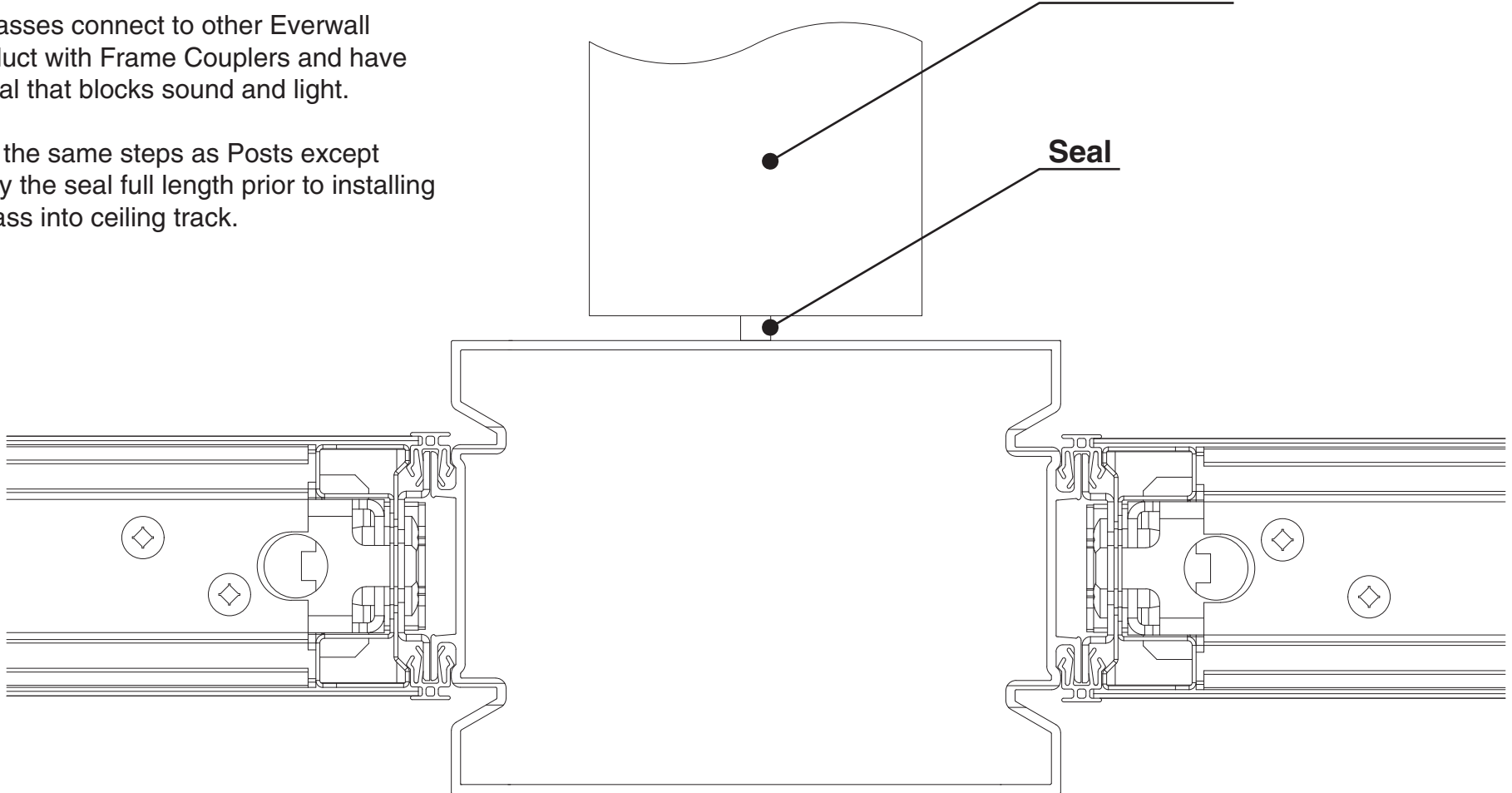
A Bypass is a single piece extruded aluminum that is cut to length on site.

Bypasses connect to other Everwall product with Frame Couplers and have a seal that blocks sound and light.

Use the same steps as Posts except apply the seal full length prior to installing bypass into ceiling track.

**Drywall End**

**Seal**



## Finished End Condition

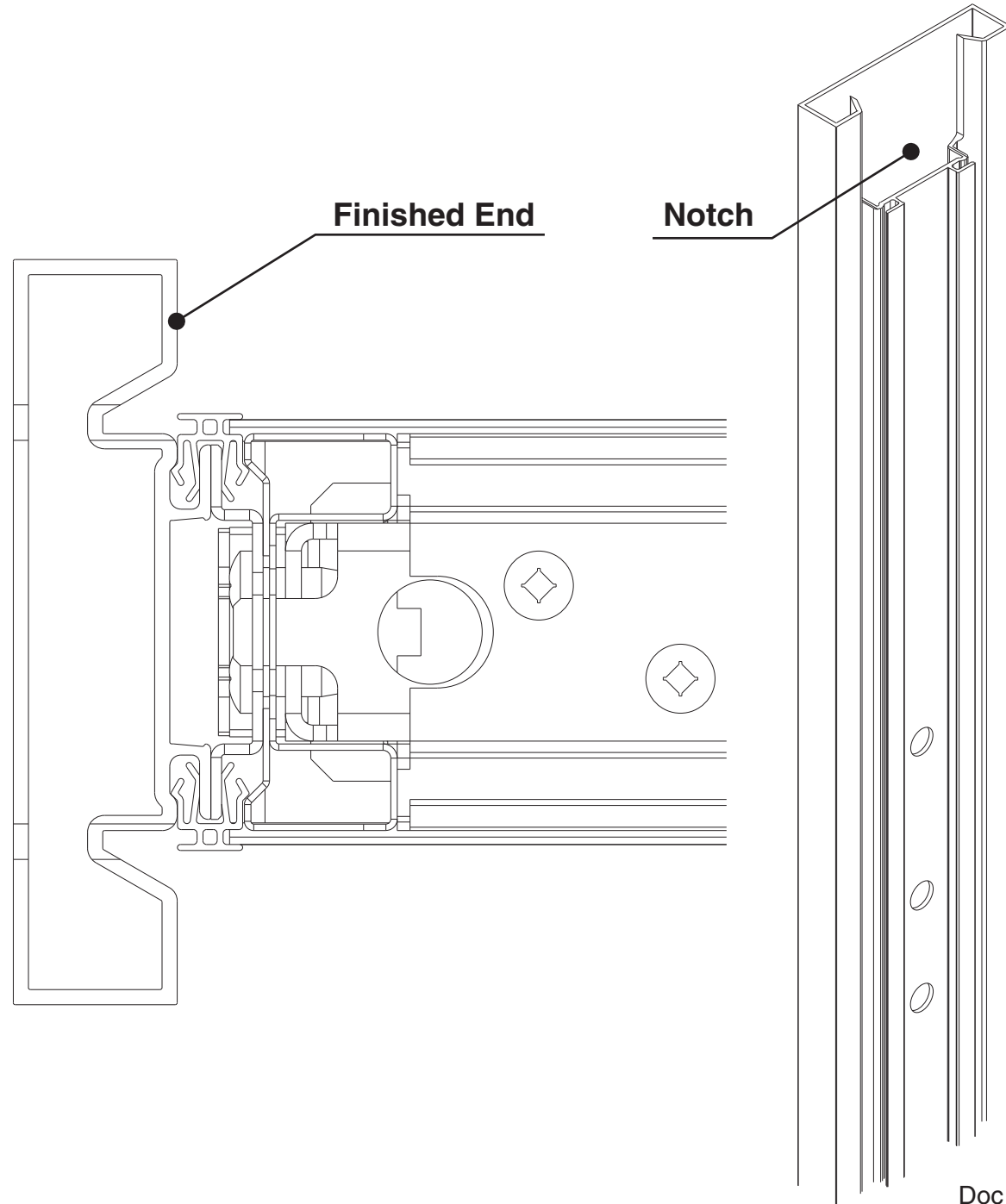
A Finished End is used to cap the end of a Everwall run.

The Finished End is a single piece extruded aluminum that is cut to length on site.

Finished Ends connect to other Everwall product with Frame Couplers.

Use the same steps as Posts.

Note: Finished Ends, Wall Starts, and T/X Adaptors are made from the same extrusion but have difference notches at the top. The Finished End has no notch pass through for ceiling track, where Wall Starts and T/X Adaptors do.

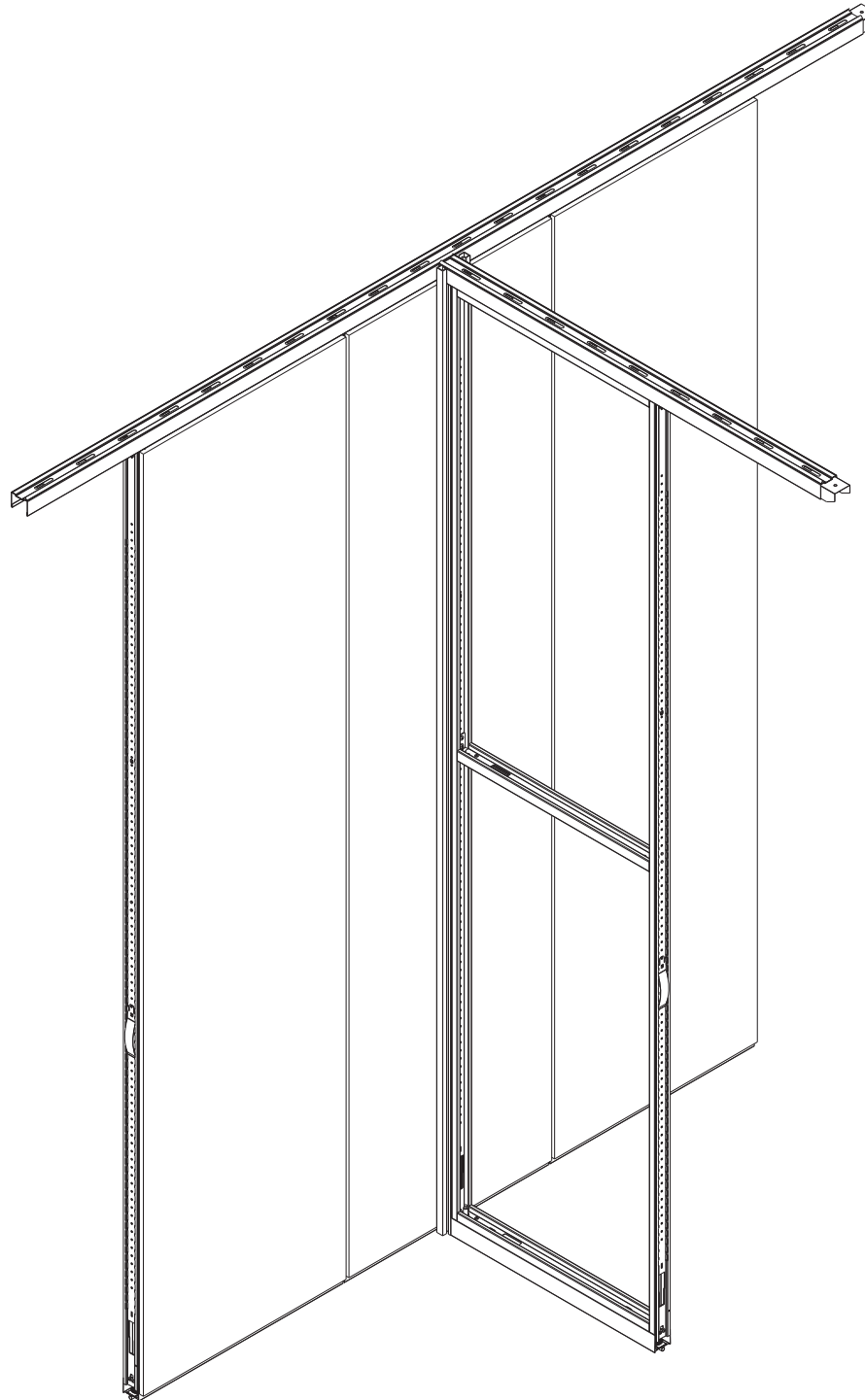


## Finished End Condition

**NOTE:** T Adaptors are installed to other Everwall product that have been previously installed.

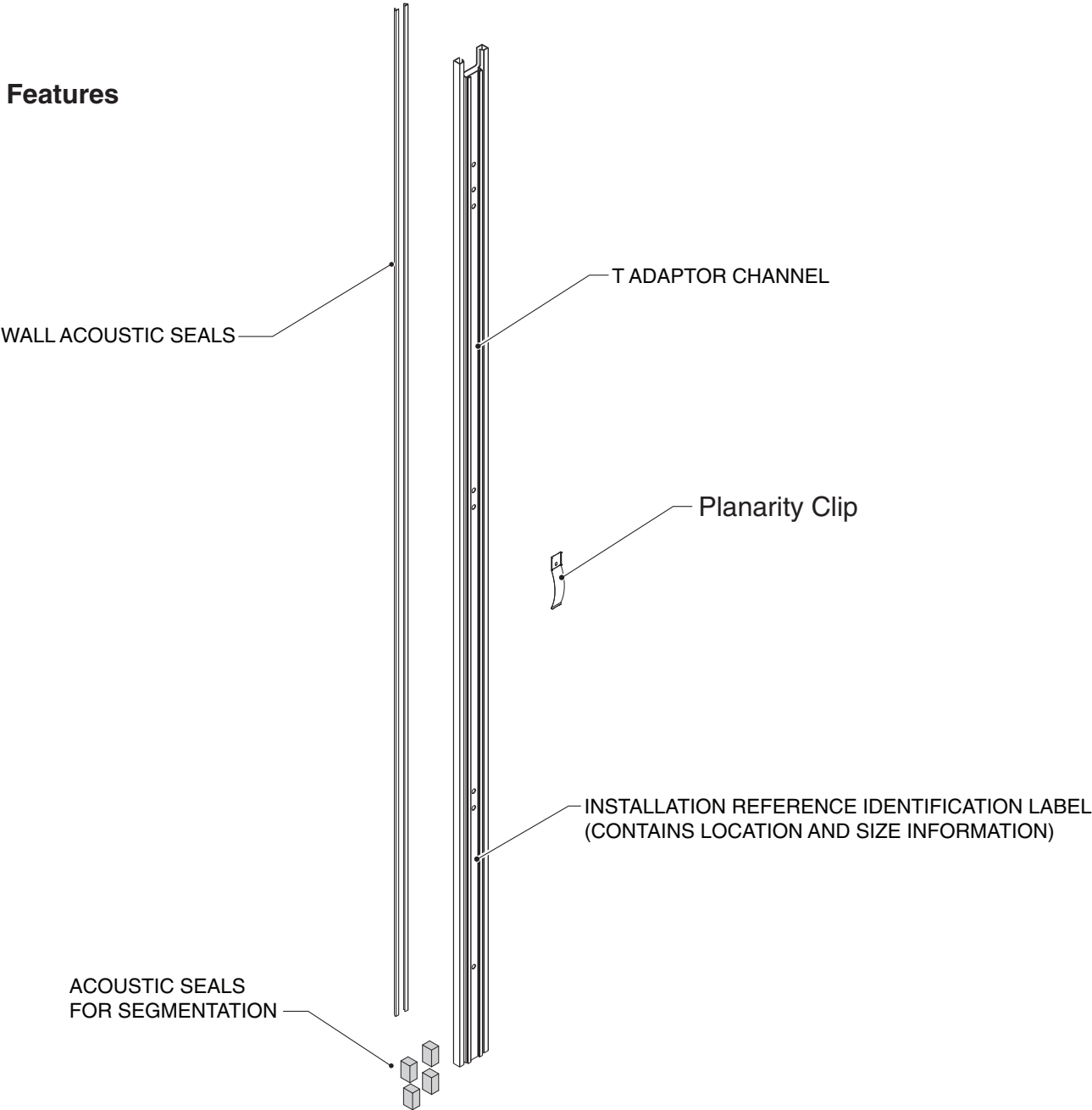
X Adaptors are two T Adaptors installed to either side of previously installed wall and share the same vertical joint.

A T adaptor can be installed on or off module. T Adaptors do not mechanically connect to adjacent wall. The steps shown in this assembly direction depict on module assembly.



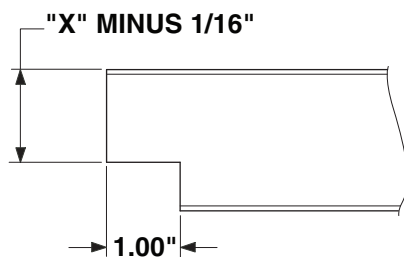
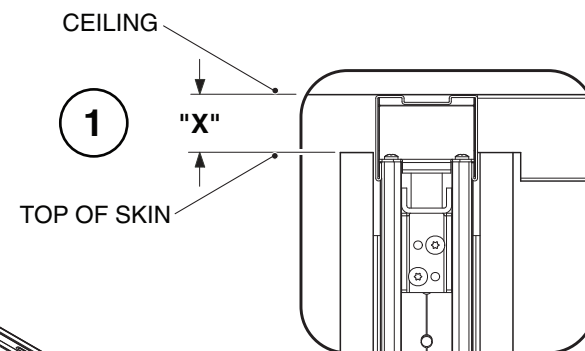
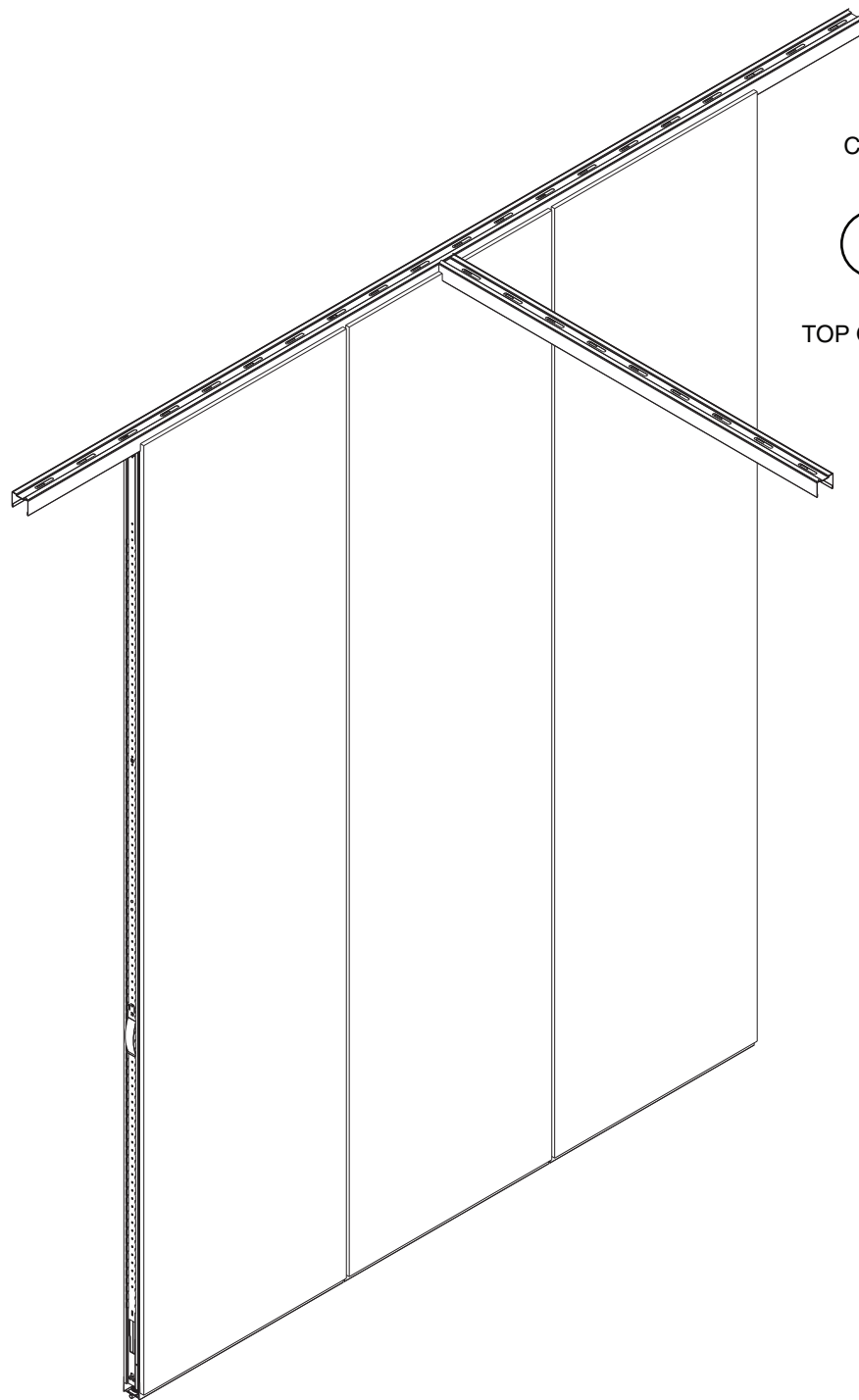


T/X Adaptor Components and Features

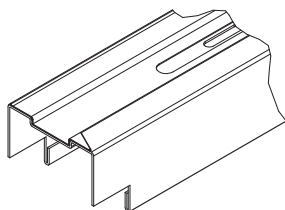


## T/X Adaptor Ceiling Track

1. Measure the distance "X" between the ceiling and the top of the skin where the T Adaptor will be installed.
2. Notch the flanges of the ceiling track as shown.
3. Install the ceiling track following assembly direction Doc # 000000.

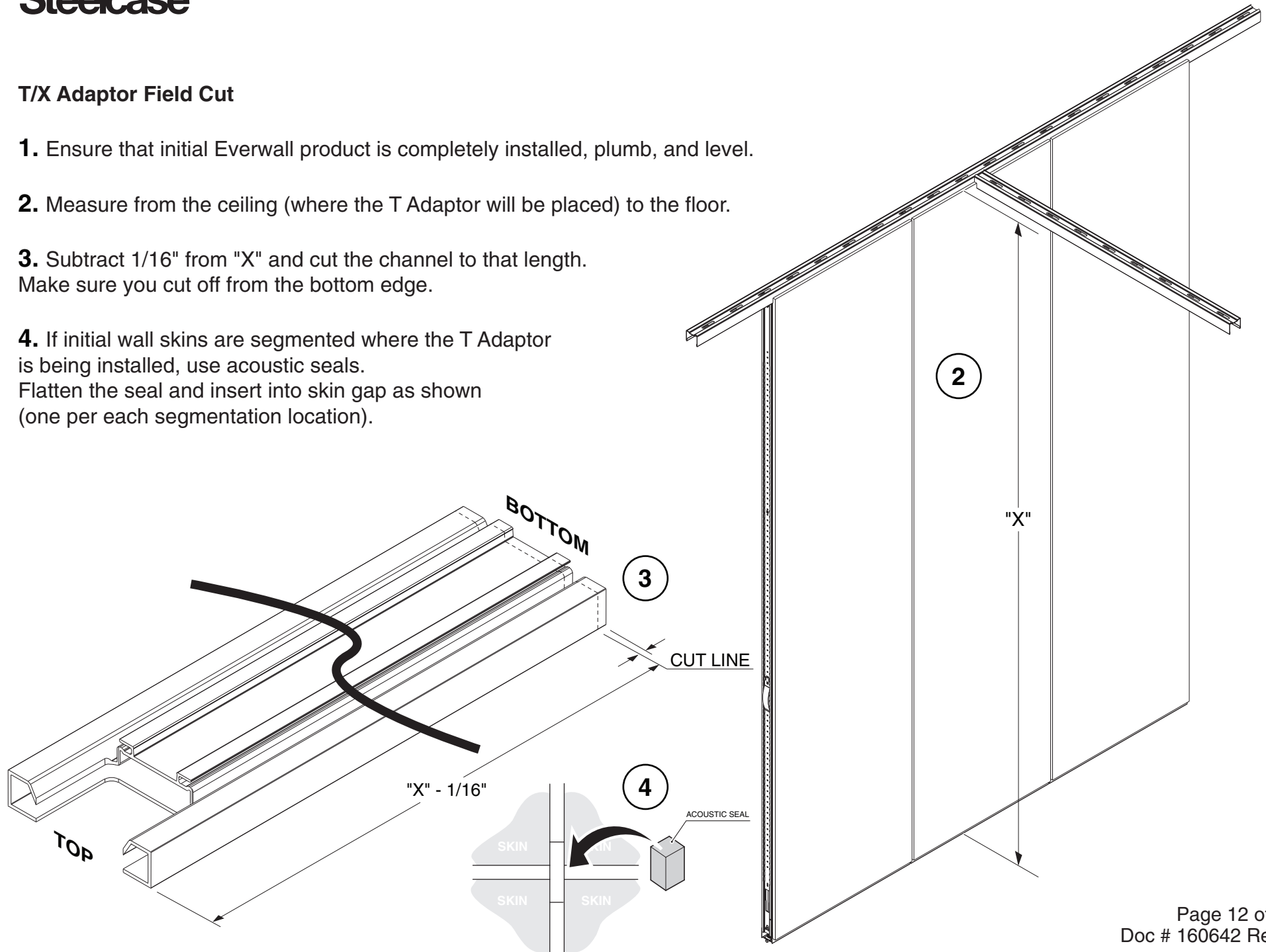


2



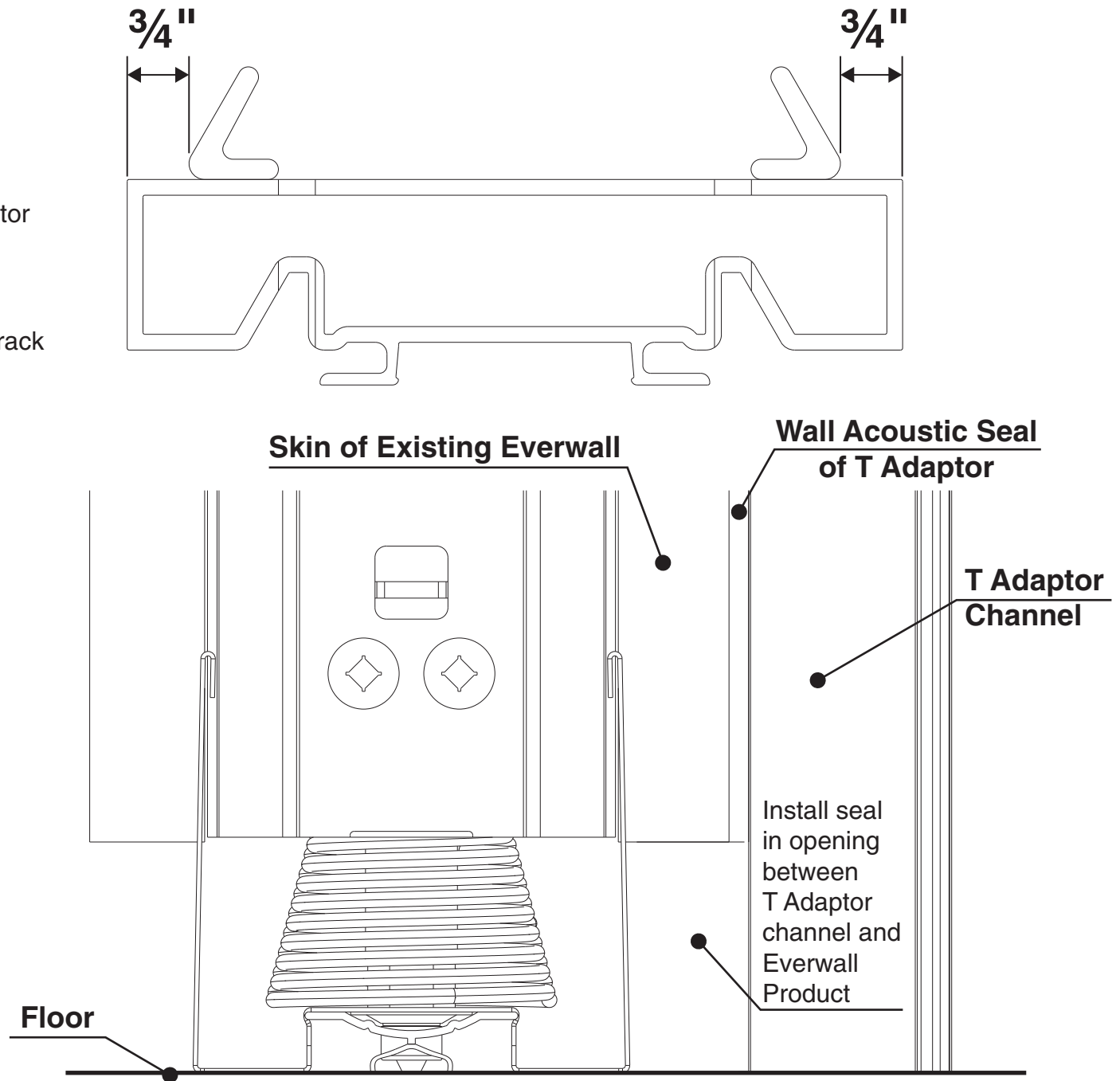
## T/X Adaptor Field Cut

1. Ensure that initial Everwall product is completely installed, plumb, and level.
2. Measure from the ceiling (where the T Adaptor will be placed) to the floor.
3. Subtract 1/16" from "X" and cut the channel to that length. Make sure you cut off from the bottom edge.
4. If initial wall skins are segmented where the T Adaptor is being installed, use acoustic seals. Flatten the seal and insert into skin gap as shown (one per each segmentation location).



## T/X Adaptor Installation

1. Apply wall acoustic seals to T Adaptor channel, the entire length of part 3/4" from sides as shown.
2. Insert top of T Adaptor into ceiling track and push against the existing wall.
3. Install seal at floor. Ensure that it's not easily visible.

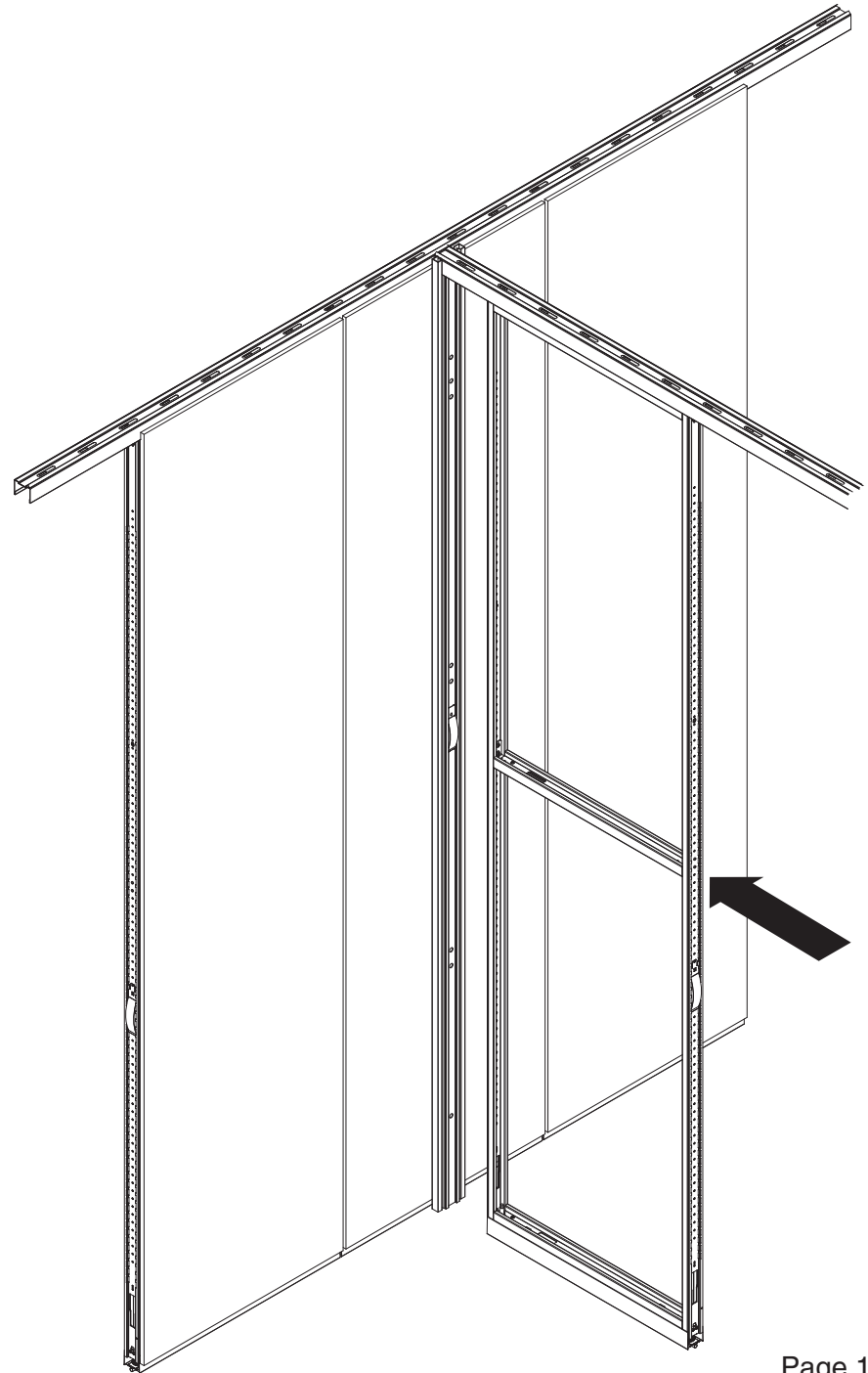
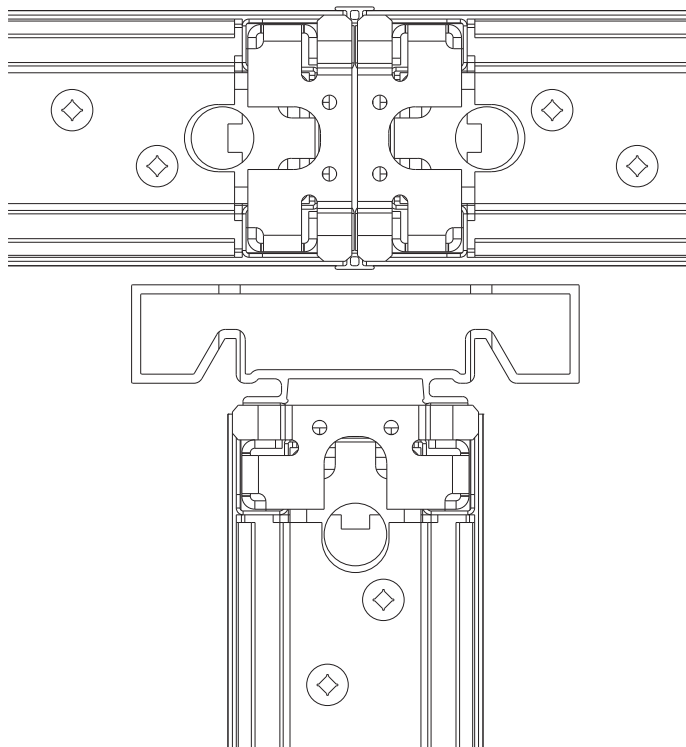


## T/X Adaptor Installation

The T Adaptor vertical is equipped with Frame Coupler flanges.

Any Everwall product can now be installed adjacent to it.

Refer to the correct assembly directions for the product identified in the site plan view layouts adjacent to T Adaptor.





## Wall Start Installation

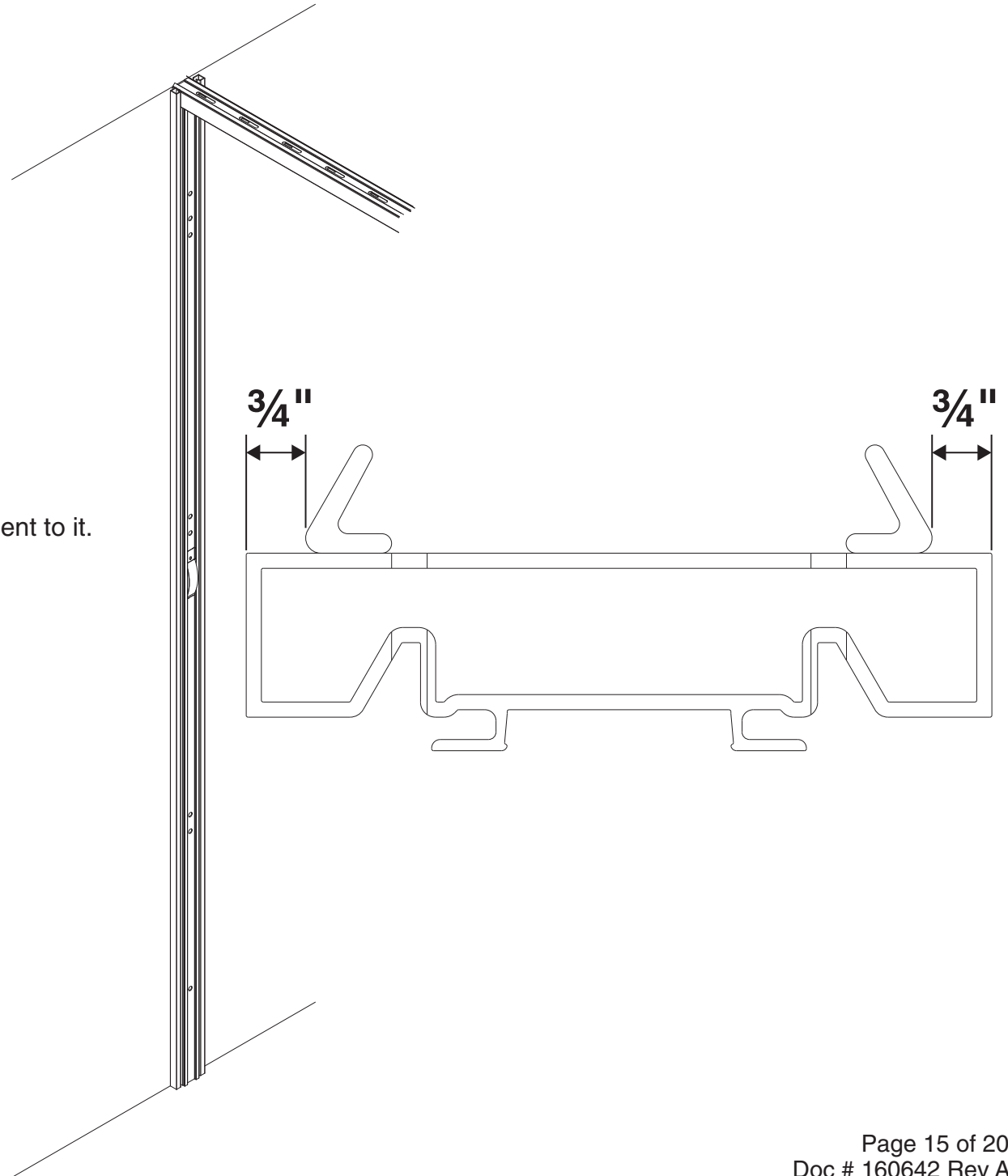
The Wall Start is like a T Adaptor except it is installed onto a drywall surface.

Use the same steps as the Posts except apply the wall seals to the full length of the Wall Start before installing.

The Wall Start vertical is equipped with Frame Coupler flanges.

Any Everwall product can now be installed adjacent to it.

Refer to the correct assembly directions for the product identified in the site plan view layouts adjacent to Wall Start.



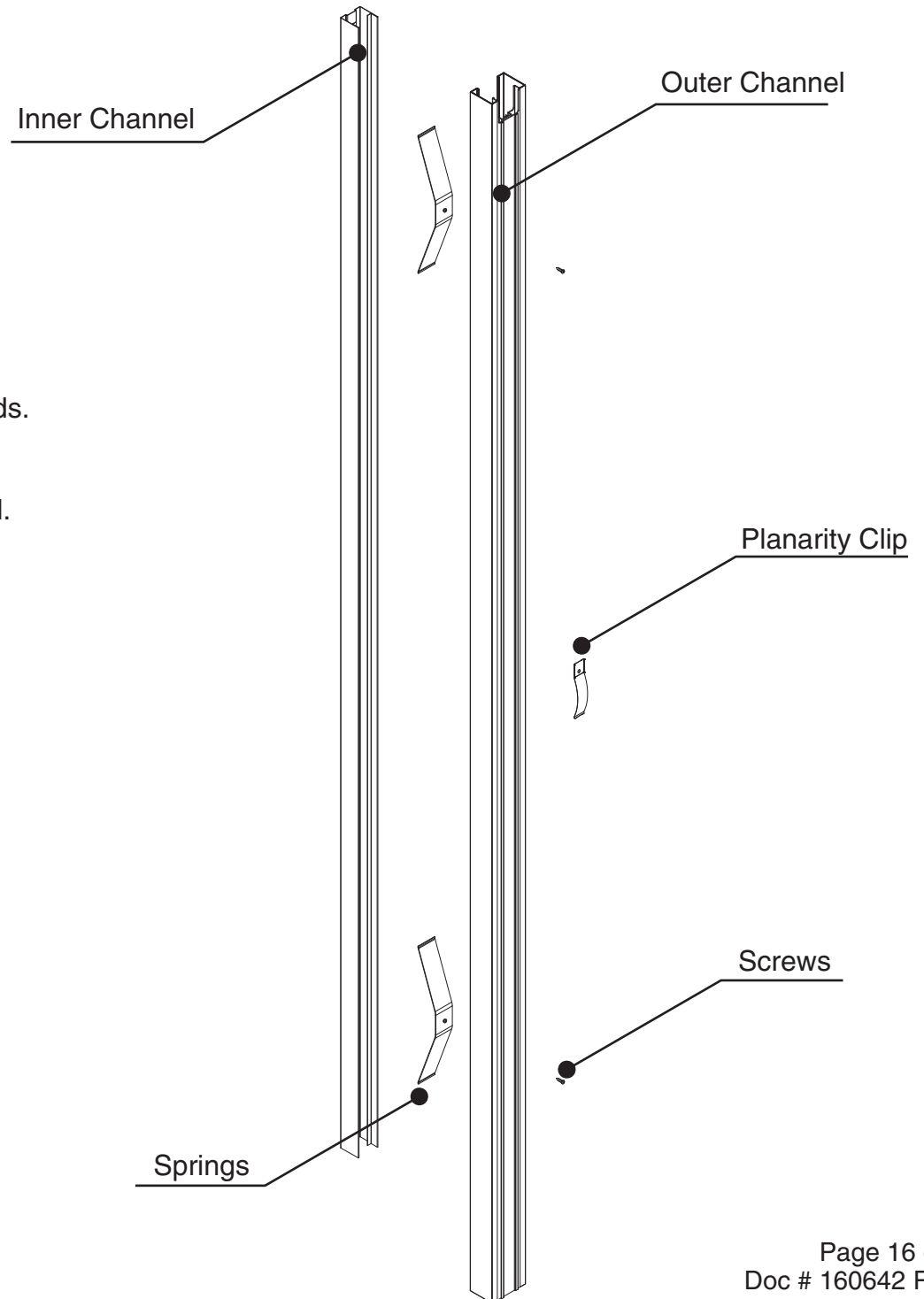
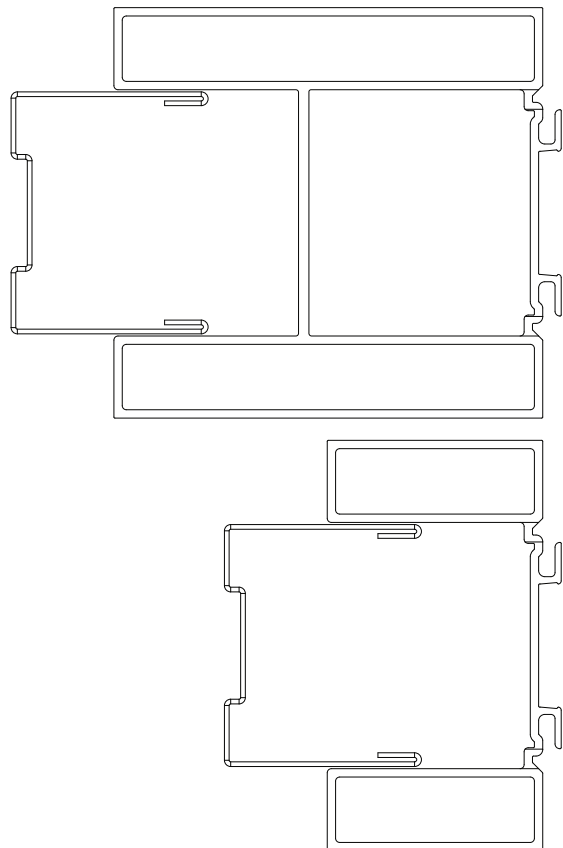
## Mini End Components

The Mini End is constructed of an Inner Channel, Outer Channel, Springs and Planarity Clip.

The Inner Channel is constructed like a Ceiling Track.

Any Everwall product can be installed adjacent to Mini Ends.

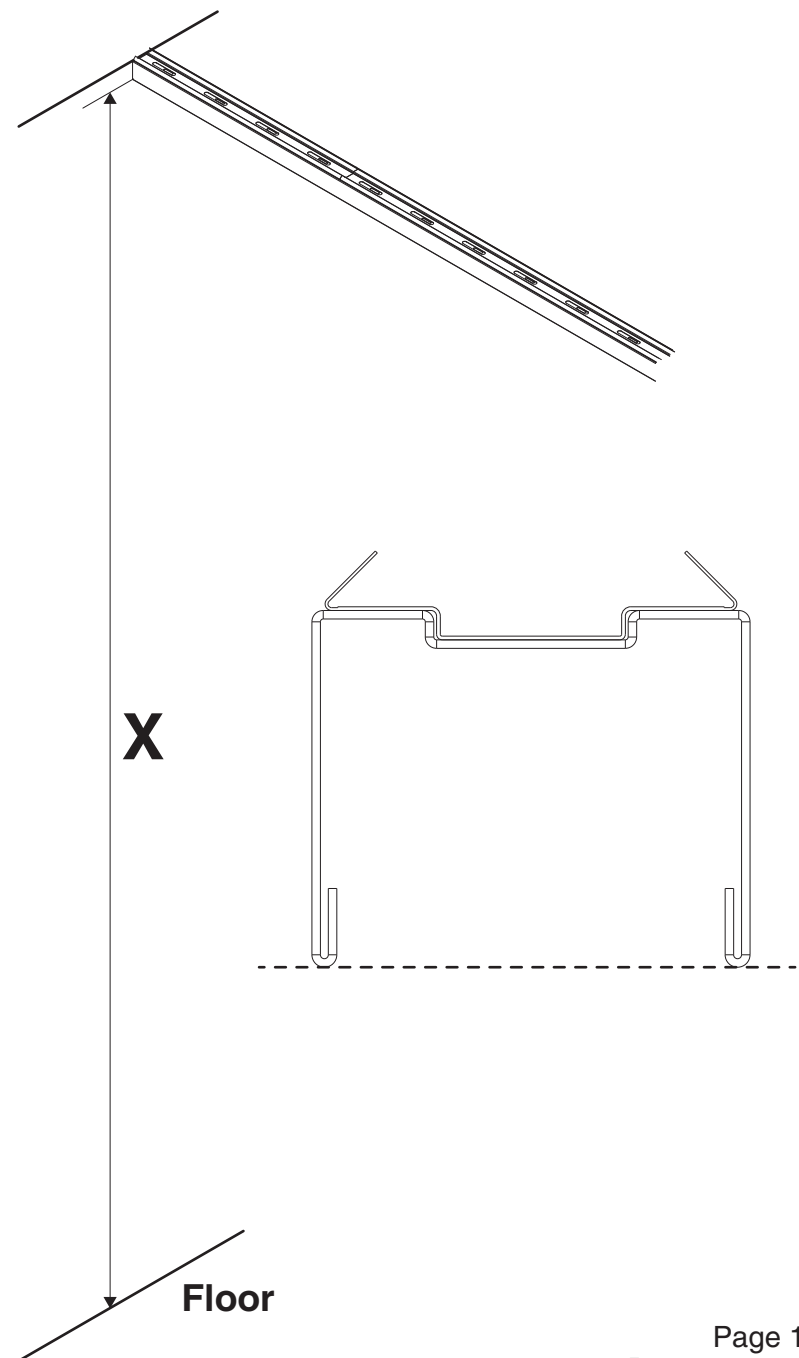
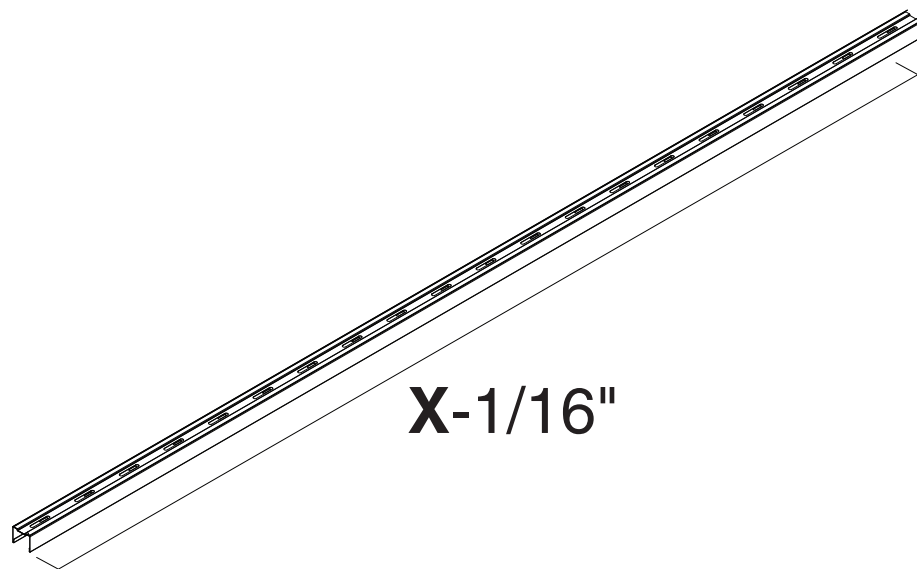
Refer to the correct assembly directions for the product identified in the site plan view layouts adjacent to Mini End.



## Mini End – Measure and cut Inner Channel

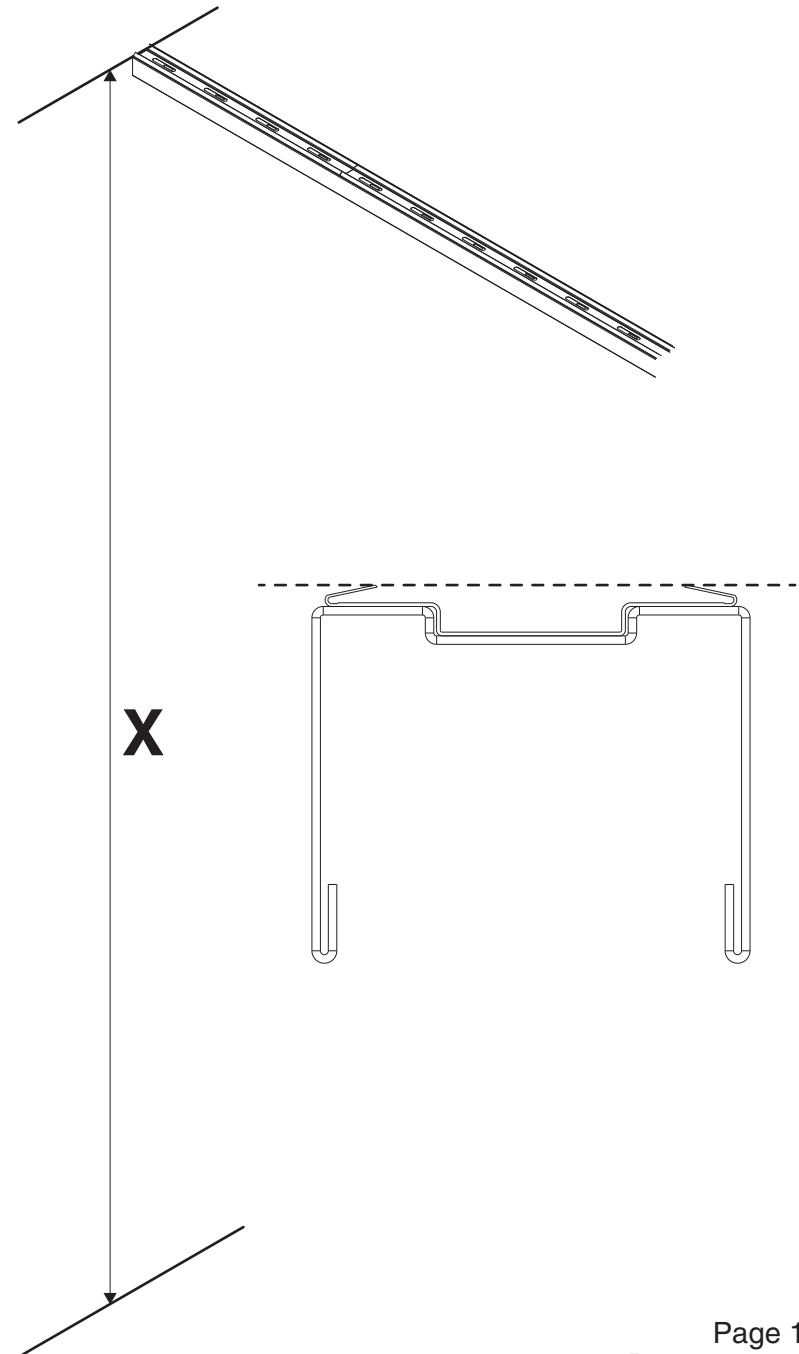
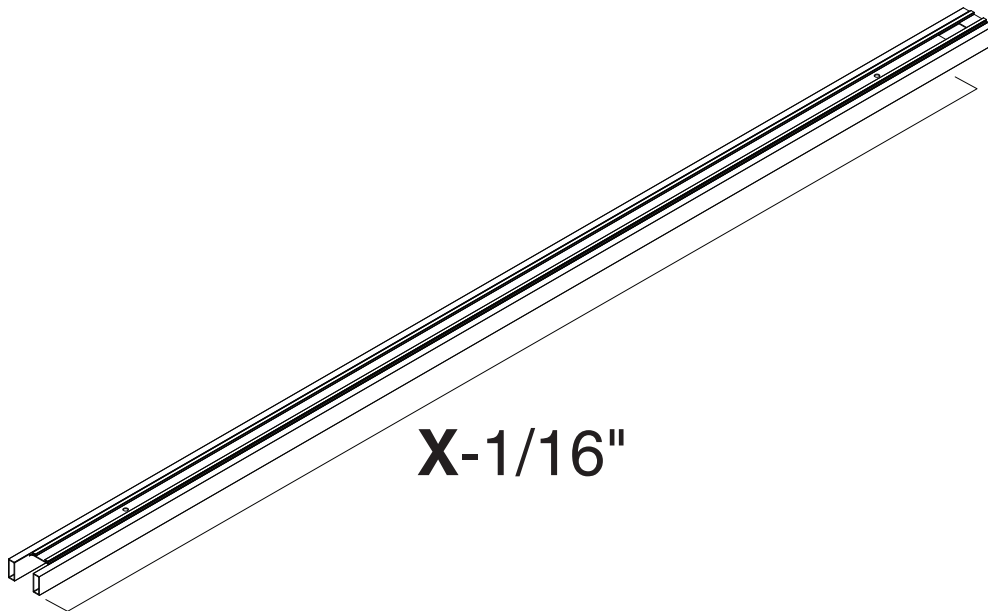
**Note:** Refer to assembly direction number TBD for proper assembly of ceiling track.

1. With ceiling track installed flush to the building wall, measure dimension "X" as shown.
2. Subtract 1/16" from "X" and cut the wall channel to that length.



## Mini End – Measure and cut Outer Channel

1. Measure "X" from the ceiling to the floor under the area the Mini End will be installed.
2. Subtract 1/16" from "X" and cut the outer channel to that length.



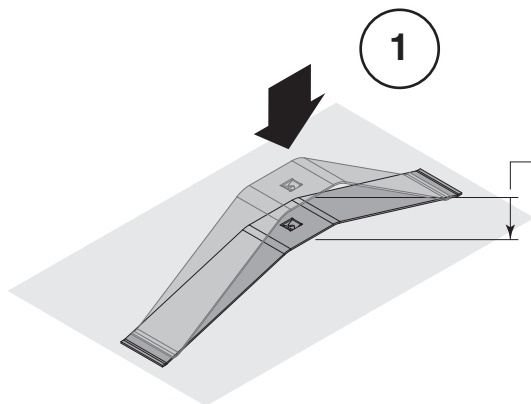
## Mini End – Assembly Mini End and install

**1.** Center the springs in the outer channel and attach with self-drilling screws supplied.

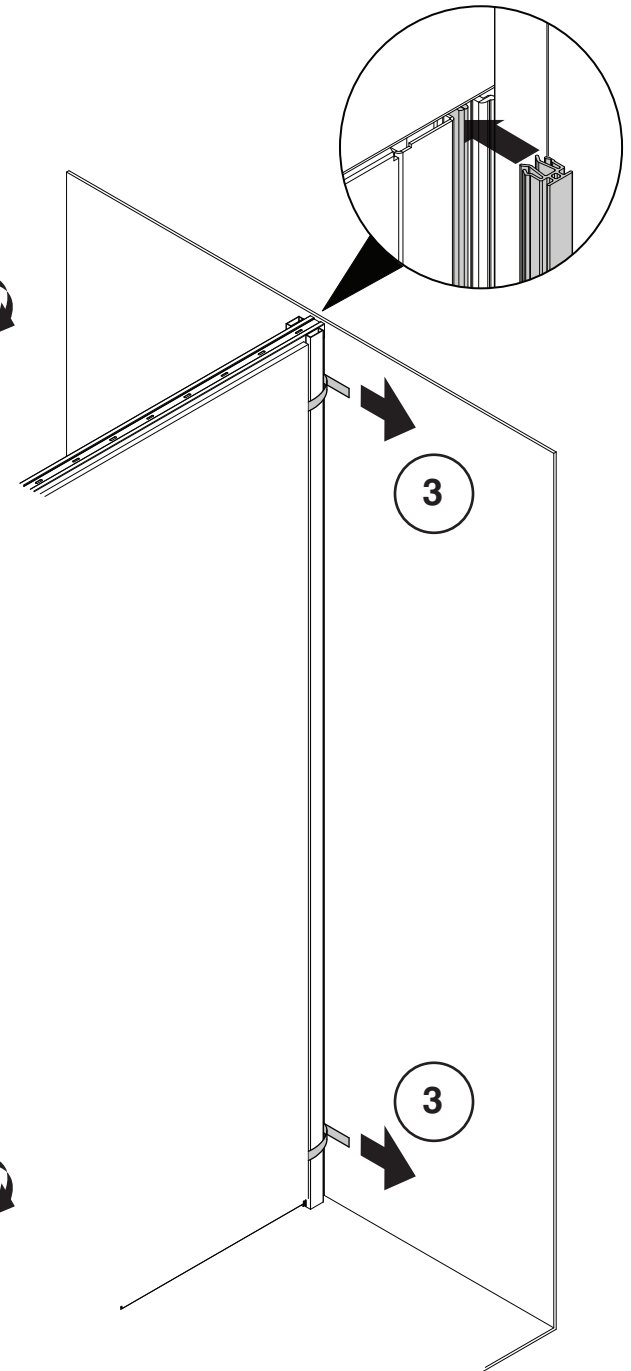
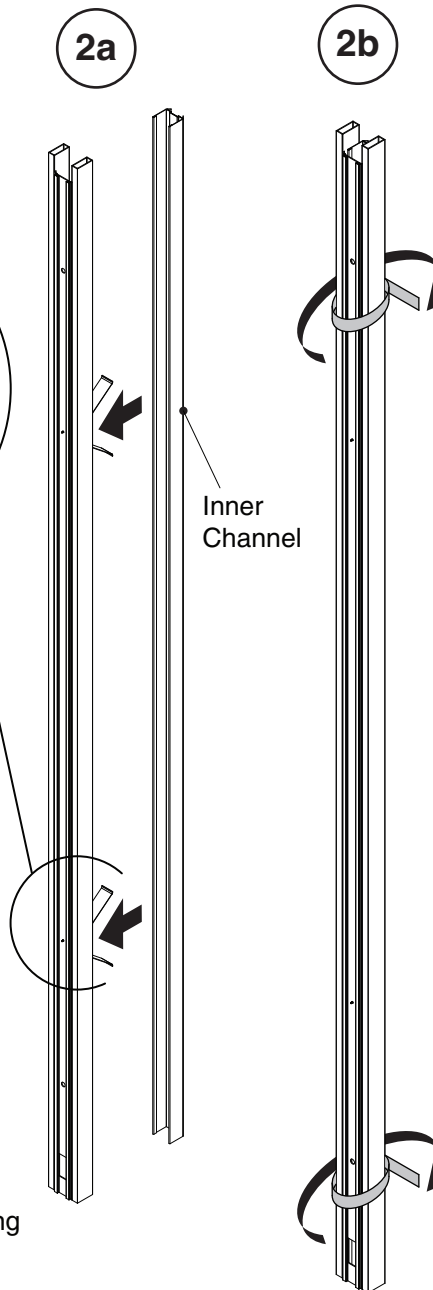
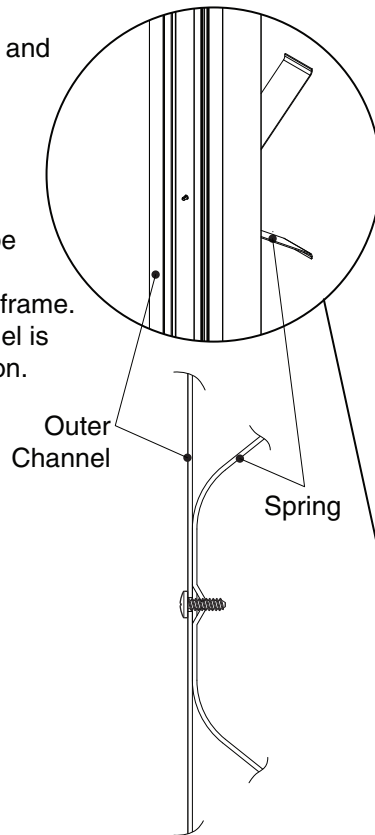
**Tip:** The springs help with installing the Mini end between building wall and Everwall product. The spring pressure can be adjusted as shown (1). They can also be eliminated to allow for routing power or to reduce pressure against an adjacent door frame. Installer will need to ensure the wall channel is sealed to the building wall in that application.

**2.** Slide wall channel inside the outer channel (2a) and use two Velcro straps to keep channels to compressed size (2b).

**3.** Position the Mini End in place and use Frame Couplers to fix the Mini End to the adjacent Everwall product releasing the Velcro tape as you progress the Frame Couplers into place.



**NOTE:** Spring pressure can be adjusted by reducing the spring height or reducing the quantity of springs.





## Field Cut for power/data pass through

**1.** Electrical pass through on Posts, Adaptors, Bypass, and Mini Ends can be obtained by field cutting access holes in the area between the Frame Coupler flanges common to all the intersection extrusions.

**2.** Locate the corresponding pass-through hole on the adjacent Everwall product, transfer the location to the Intersection extrusion you are assembling and cut out opening a cut off wheel or similar method. File off any burrs and route power/data as required.

