Data Center
ChaseWall™

Installation Instructions

GORDON®
ARCHITECTURAL+ENGINEERED SOLUTIONS

PART 1 - STORAGE AND HANDLING

1. After receiving materials, transfer material immediately to a safe, dry, climate-controlled place where it will not be damaged during storage.
    a. Do not store Gordon, Inc. product or components outdoors.
    b. Store Crates and/or Cartons flat in a dry location away from activity.
    c. Do not store near corrosive material such as acids, salt, fertilizer, etc.
    d. All materials should be protected during site storage to prevent damage to the finished work from other trades.
    e. Store materials inside a well-insulated area, away from concrete and masonry and protected from the weather, moisture, soiling, abrasion, extreme temperatures and humidity.
    f. Protect the strippable protective covering on metal panels from exposure to sunlight, heat, and high humidity.
    g. Store product in Gordon's unopened packaging until installation of product.
    h. Prevent contact with material that may cause discoloration, staining, or corrosion.
    i. Store in flat, fully supported position.
    j. Store to prevent twisting, bending, abrasion, scratching, and denting.
    k. Do not drop or stand containers on edges or corners.
    l. Gordon, Inc. components and systems are not packaged to receive the load of any other material stored or stacked upon it. Therefore, DO NOT DOUBLE STACK OR STORE OTHER MATERIAL on top of the packages or crates.
2. Inspect all material prior to installation. Do not install any substandard or unacceptable material. Gordon, Inc. will not be responsible for the cost of repair or removal, or costs resulting from removal of rejected material, or the installation of replacement material.
3. Material should be cleaned thoroughly prior to installation.

PART 2 - INSTALLATION

Gordon, Inc.'s ChaseWall™ shall be installed in accordance with Architectural Drawings and Approved Shop Drawings. Below is the recommended installation sequence.

2.01 - APPLICABLE CODES AND STANDARDS FOR INSTALLATION

1. Project Specifications
2. Architect Approved Shop Drawings

2.02 - SPECIAL TOOLS REQUIRED

- Screw gun with #2 Phillips Screwdriver bit
- Socket Wrench with 3/8" socket
- Laser leveling and alignment tool
- Chop Saw/Band Saw with carbide-tipped, fine-tooth, metal cutting blade to cut aluminum extrusions
- Wax stick or similar lubricant
- Painter's tape/masking applied tape to prevent scratches or damage to area of cut
- Rubber mallet

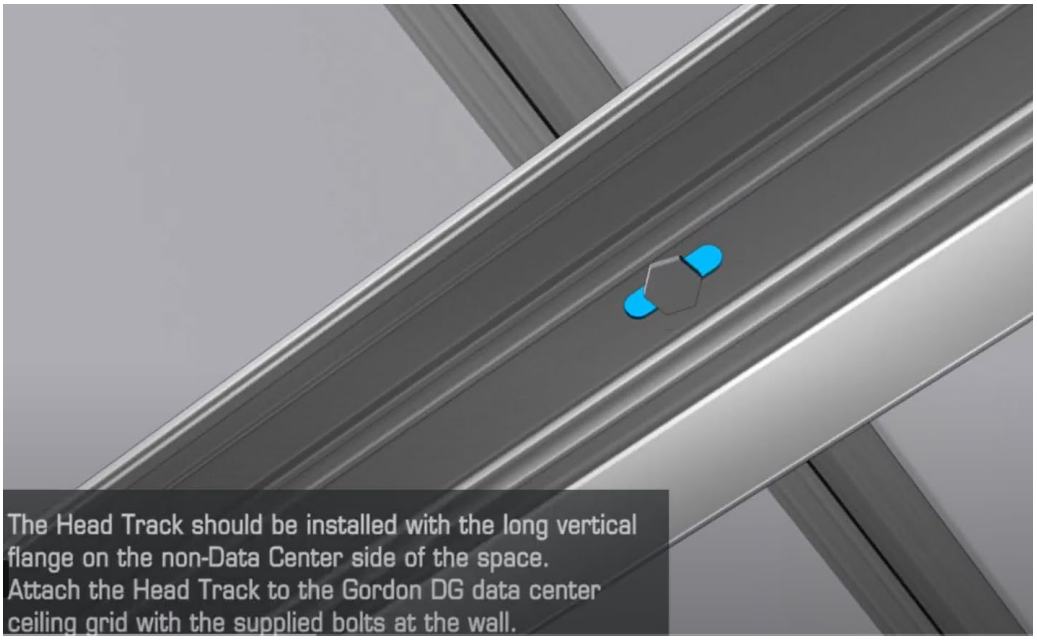
2.03 - INSTALLATION SEQUENCE

Step 1:

Determine location for ChaseWall™, based on Approved Shop Drawings and Fan Unit Locations.

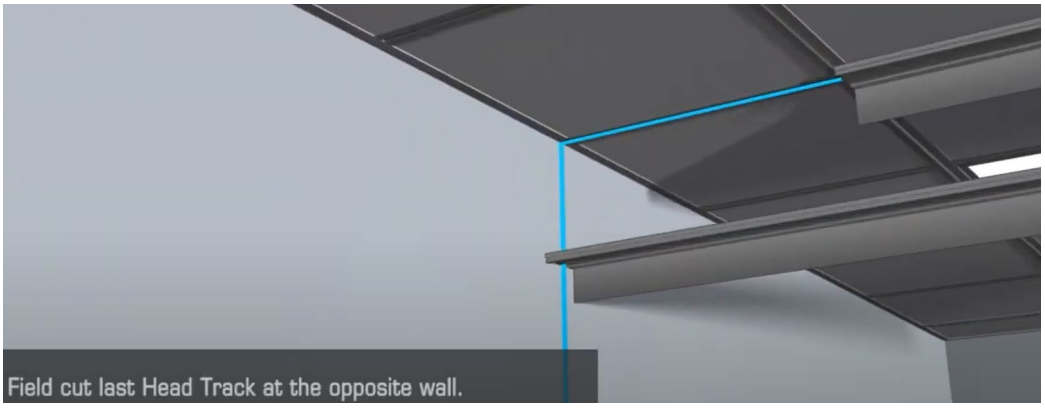
Step 2:

Starting at the perimeter wall, connect Head Track to Data Center Grid using the factory supplied 3/8”-16 bolts.



Step 3:

Continue installing Head Track, end-to-end, and field cut the last Head Track at the opposite wall.



Step 4:

If the Brake Formed Floor Track is being utilized, lay out the Brake Formed Floor Track directly below the Head Track. Note the front edge (5/8" vertical leg) of the Brake Formed Floor Track will align with the front edge of the Head Track. Caulk may be used to temporarily fix the Brake Formed Floor Track until the Floor Bracket and Screws are installed. Field cut Brake Formed Floor Tracks, as required, for splice connection points and end wall conditions.

NOTE: Brake Formed Floor Track splice joints should be located at the center of Wall Posts. This is necessary for proper friction fit of the Splice Plate.

Step 5:

Locate the Floor Track Brackets directly under the centerline of the Ceiling Grid where the Head Track is installed. This step will require the use of a chalk or laser line to align the brackets. If following the Ceiling Grid overhead, align the center of the Bracket with the centerline of the Ceiling Grid.

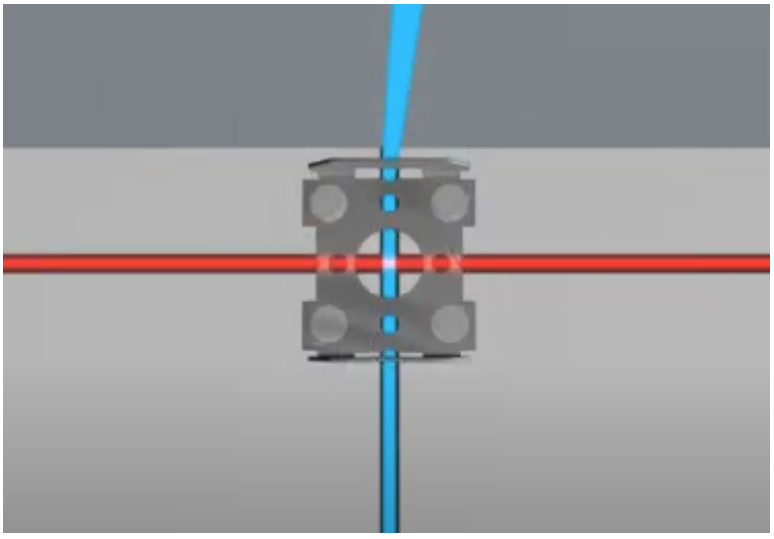
If the Brake Formed Floor Track is being utilized, start at the perimeter wall and position Floor Bracket inside of the Brake Formed Floor Track.

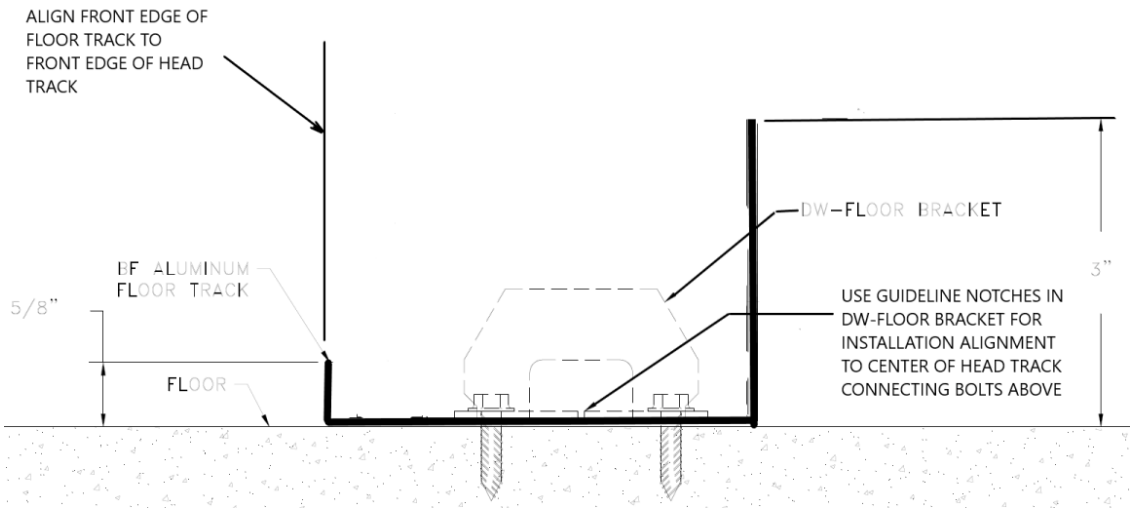
If the starting point is by a wall, locate the bracket adjacent to the wall leaving a 1/8" gap between the wall and the bracket leg to provide clearance for the post in a future step.

Using the four corner holes on the Floor Bracket, secure each Floor Bracket to the floor with the appropriate (size/type) anchor/screw. These anchors are not provided by Gordon, Inc. and are to be selected by the installer. These screws/anchors will also secure the Brake Formed Floor Track to the floor.

Install the remaining Brackets to the floor locating them on 48" centers, or as specified in the Approved Shop Drawings.

NOTE: Detail below does not show Brake Formed Floor Track, for clarity.

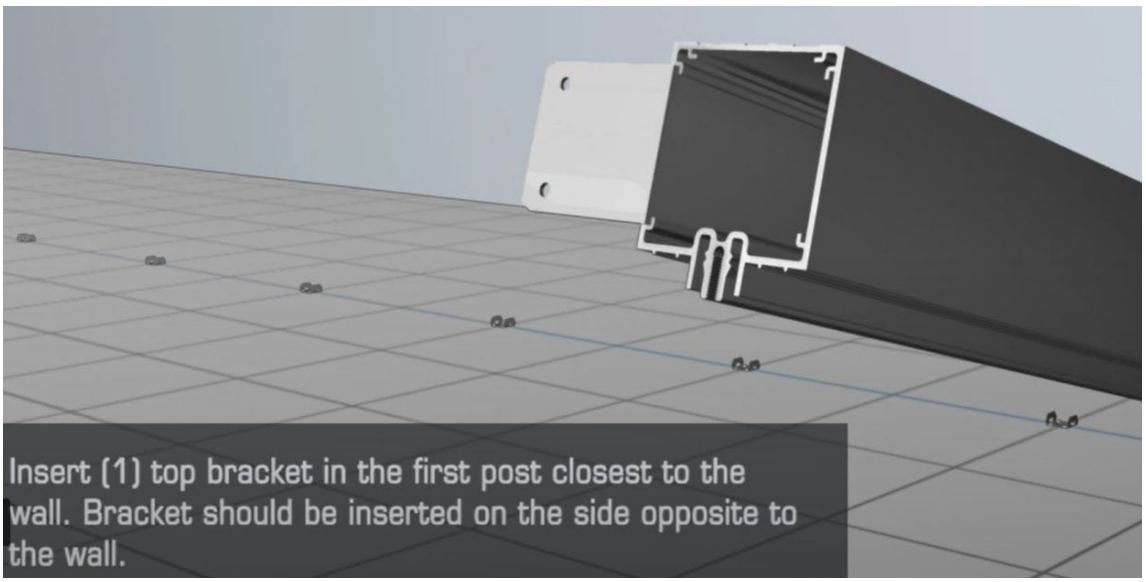




Step 6:

Starting at the perimeter wall, install the first Post. Insert one (1) each Top Bracket into the first Post closest to the wall. The Top Bracket should be inserted on the side opposite to the wall.

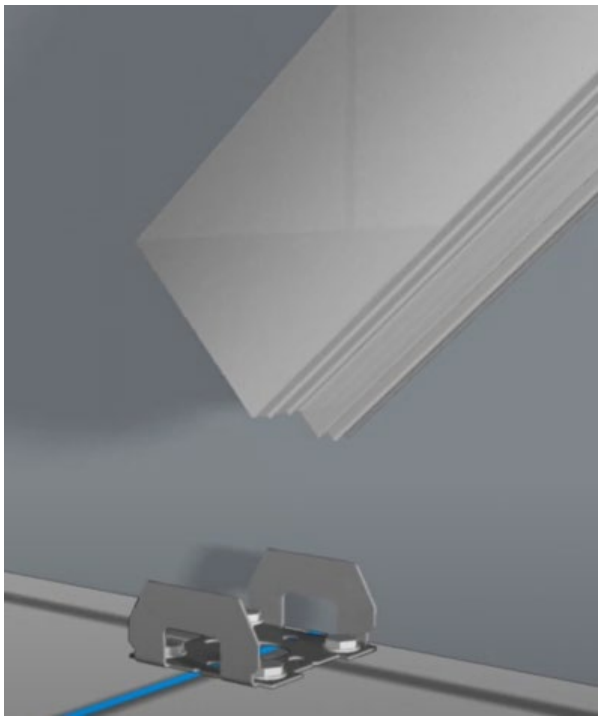
NOTE: Detail below does not show Brake Formed Floor Track, for clarity.



Step 7:

Insert the Floor Bracket into the Post and position the Post to attach the Top Bracket to the Head Track.

NOTE: Detail below does not show Brake Formed Floor Track, for clarity.

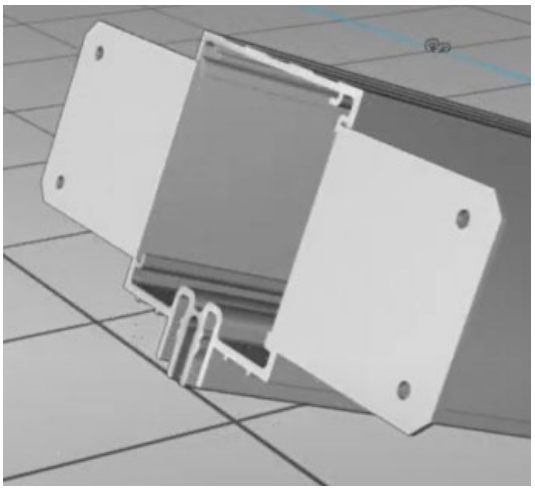


Step 8:

Attach the Top Bracket, securing the Bracket to the Head Track with the bolts supplied.

Step 9:

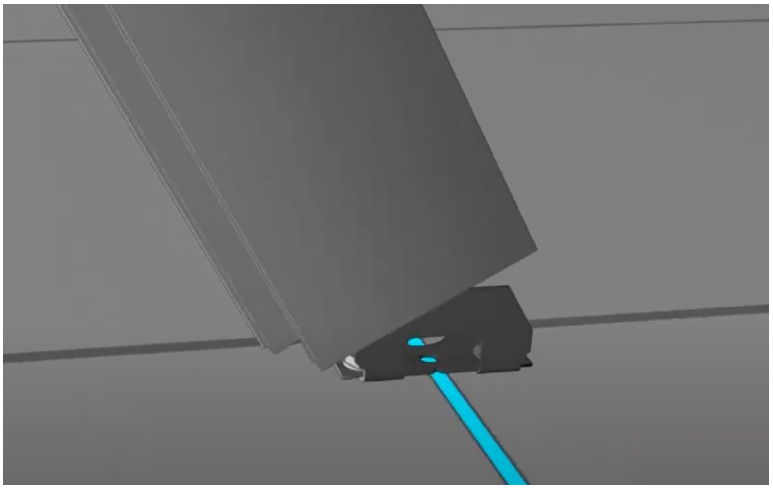
Insert two (2) each Top Brackets into the subsequent Post.



Step 10:

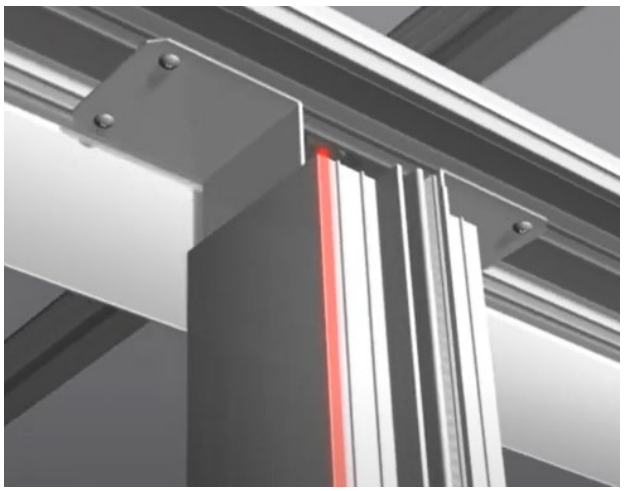
Insert the Floor Brackets into the subsequent Post and position the Post to attach the Top Bracket to the Head Track.

NOTE: Detail below does not show Brake Formed Floor Track, for clarity.



Step 11:

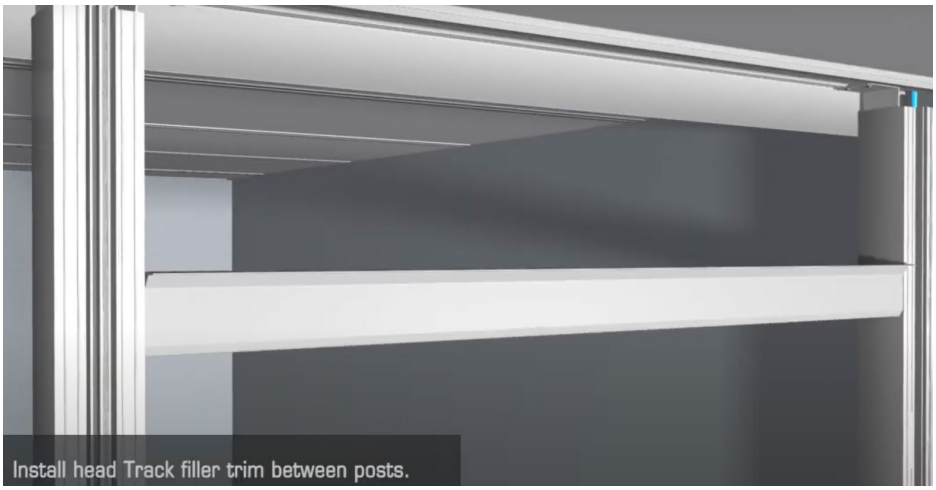
Assure the Post is plumb and properly spaced before attaching the Top Brackets to the Head Track using the factory supplied bolts.

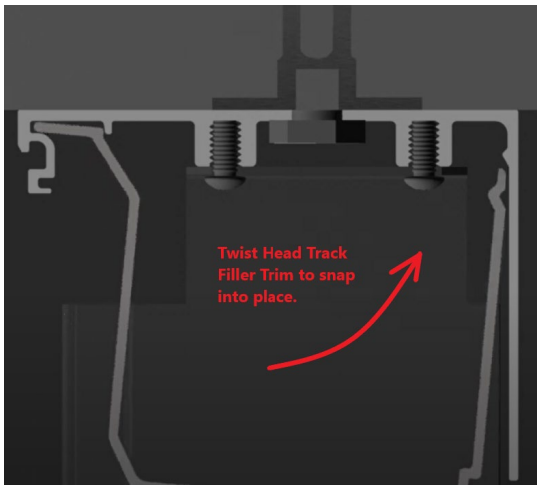


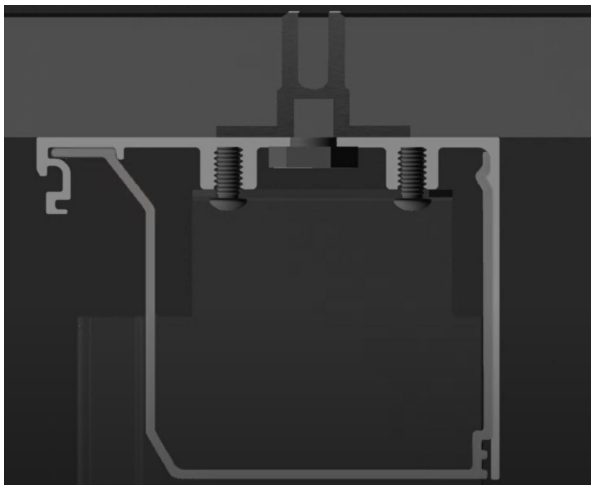
Repeat Steps 9 through 12 until all Posts are installed.

Step 12:

Install the Head Track Filler Trim between Posts, by simply rotating/twisting and snapping into place.

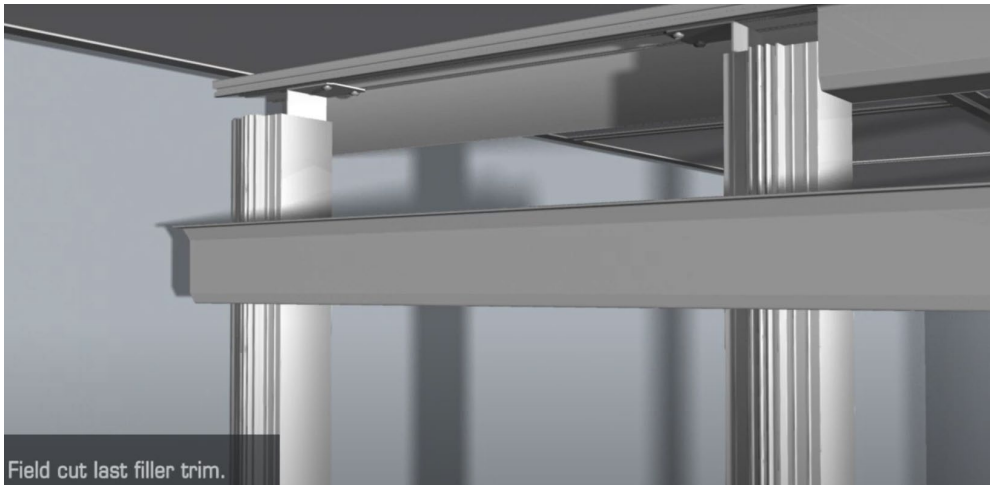






Step 13:

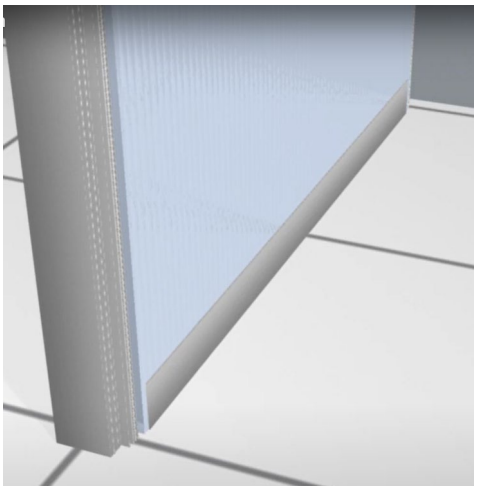
If required, field cut last Filler Trim, to the proper length.



Step 14:

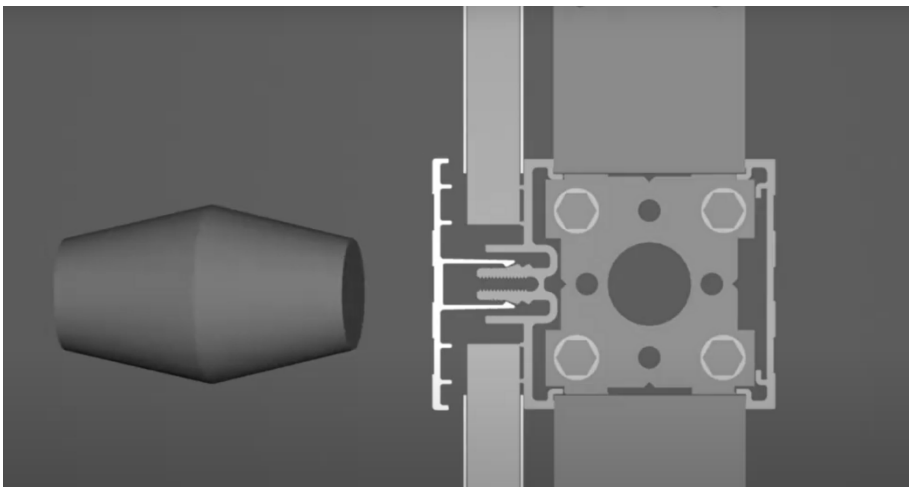
The Bottom Panel Trim is a J shape the fits snuggly along the bottom of the Panel. Insert Panel into Bottom Panel Trim, centering it so that each end is ½" from the side edges of the Panel. Then position the Panels within the Post framework.

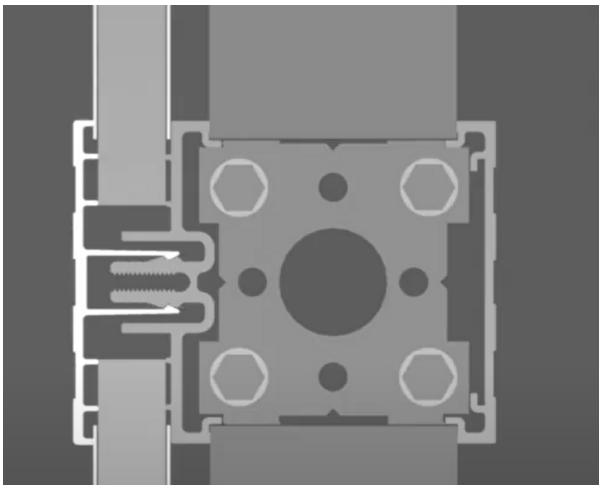
NOTE: Detail below does not show Brake Formed Floor Track, for clarity.



Step 15:

Begin installing the Post Cap at the floor (bottom of Post) and progressively secure the Post Cap by tapping it into place with a rubber mallet.



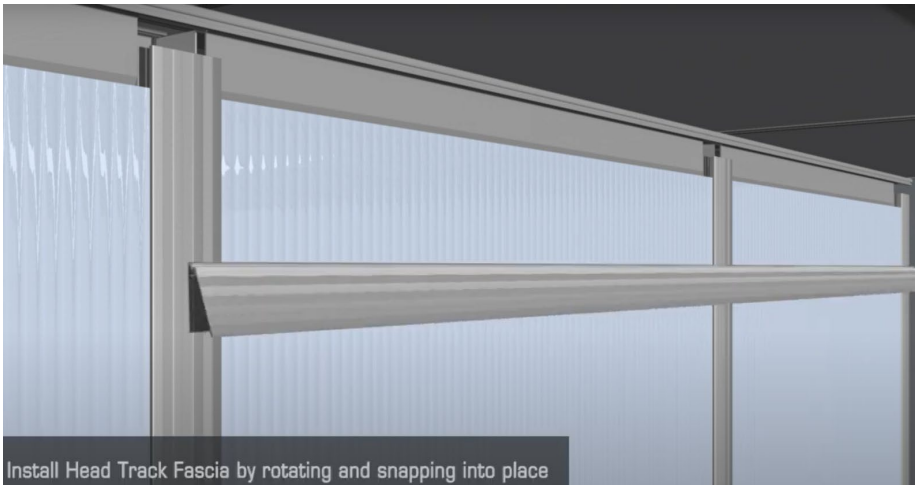


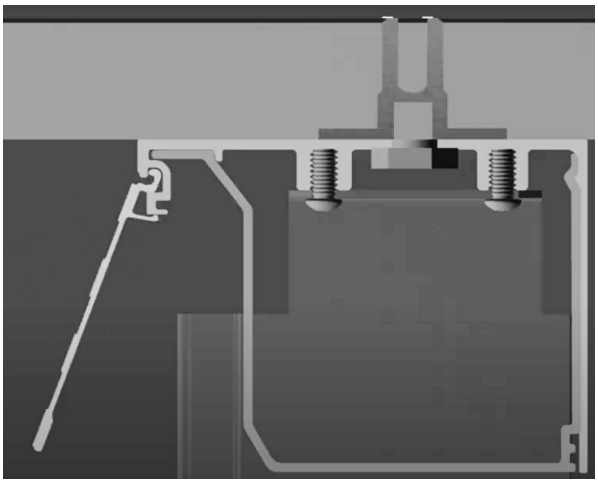
Step 16:

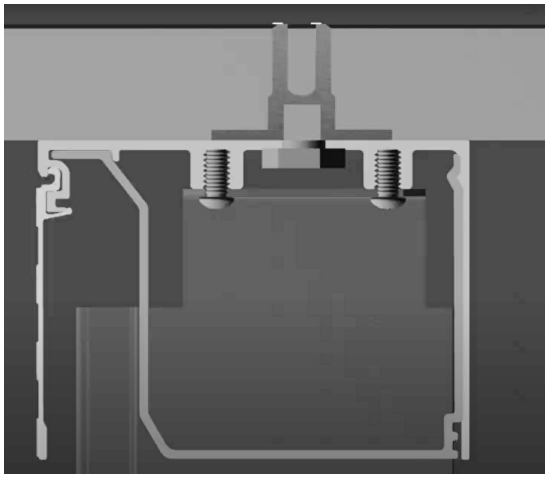
Install the remaining Panels and Post Caps. Field cut last Panel, along with the Bottom Panel Trim, to the proper length as required.

Step 17:

Install Head Track Fascia by rotating and snapping into place.

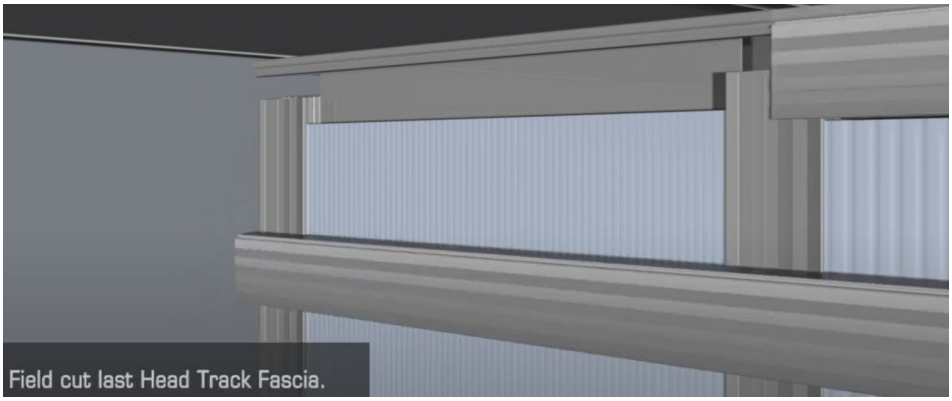






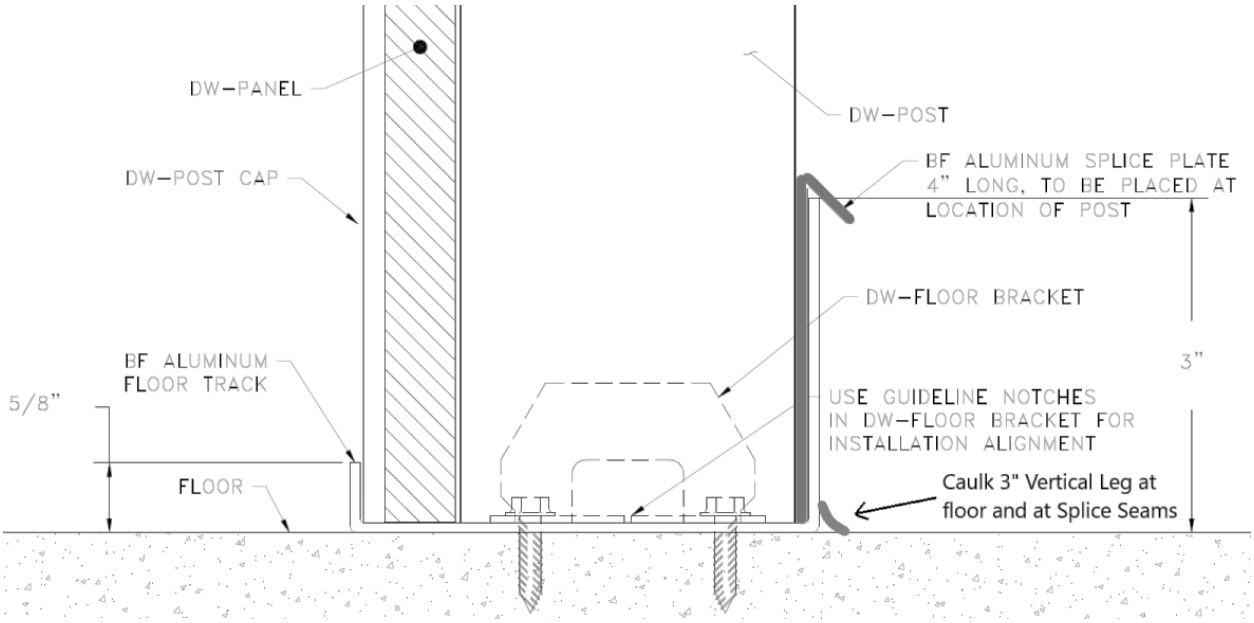
Step 18:

Field cut the last Head Track Fascia to the proper length, as required.



Step 19:

If utilizing the Brake Formed Floor Track, apply the friction fit Splice Plates at the joints between the Brake Formed Floor Tracks, between Wall Post and Floor Track. A bead of caulk should be applied on the back side of the Brake Formed Floor Track where the 3" vertical leg meets the floor and at splice seam of 3" vertical leg.



PART 3 – CLEANING AND MAINTENANCE

Gordon, Inc.'s ChaseWall™ is comprised of clear anodized, aluminum components and twin wall polycarbonate panels. Cleaning procedures, as detailed below, should be initiated as soon as practical after completion of installation to remove construction soils and soils accumulated from handling.

3.01 – CLEANING ANODIZED ALUMINUM

Gordon, Inc.'s clear anodized aluminum products may be kept clean and bright using the following steps:

1. For normal cleaning, a soft cloth with mild soap and water should be used. Excess water should be wiped off.
2. If cleaning has been postponed for an extended period of time and/or a tough "stain" is visible, first follow step one above. If this does not sufficiently clean the material, a soft cloth should be used with a 50-50 mixture of water and Isopropyl Alcohol. Excess liquid should be wiped off.
3. If step one and step two above is not sufficient, use a 50-50 mixture of water and Isopropyl Alcohol with a small amount of "Comet" dabbed on the cloth. The damp

cloth with “Comet” should be used in a circular motion being careful not to rub too hard and leave scratches on the finish. Once complete, any “Comet” residue can be removed with a damp cloth and the material wiped clean.

3.02 – <u>CLEANING TWIN WALL POLYCARBONATE PANELS</u>

1. Clean Twin Wall Polycarbonate Panels by using warm soapy (mild liquid dish soap) water. Wipe with a soft, clean, and lint-free cloth dampened with the soapy water. Wipe the Panel again with a soft, lint-free cloth dampened with water only to remove soap residue. Dry with a soft, lint-free cloth.