

NOTES:

Cornice height walls must be planned and configured per Cornice guidelines as defined in the V.I.A. specification guide.

Please see “V.I.A. Cornice Application - Layout & application guidelines” (final page of this document) for requirements & restrictions.

This guidance document is supplemental to any V.I.A. assembly directions which may apply to product being installed as long as requirements and restrictions from the Cornice applications guidelines are met.

Please see the V.I.A. assembly directions for typical product assembly not related specifically to V.I.A. Cornice applications.

If you have a problem, question, or request, call your local dealer, or Steelcase Line 1 at **888.STEELCASE** (888.783.3522) for immediate action by people who want to help you.

(Outside the U.S.A., Canada, Mexico, Puerto Rico, and the U.S. Virgin Islands, call: 1.616.247.2500)
Or visit our website: www.steelcase.com

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Important Information – Lid Structure:

Steelcase has evaluated the structural properties to ensure that the assembly in this document can adequately support the superstructure and ceiling as shown, and to confirm that the V.I.A. walls can properly support the entire Lid structure based on a maximum room size of 12'0" x 16'0".

It is possible to add capabilities and other mechanical components to the Lid using these same construction methods and materials, but any changes that could potentially increase the load should be reviewed with a structural engineer to ensure safety and stability.

The load associated with the Lid assembly as shown here will not exceed 5 lbs. per square foot of Lid/room area (including superstructure, suspended ceiling and lighting components). Any added components that will increase the load should be evaluated by a structural engineer to be sure that the superstructure will adequately support the ceiling and related components, and to ensure that the entire Lid assembly can be properly supported by the walls.

V.I.A. walls can support a Lid load of up to 15 lbs. per square foot (of Lid).

As always, any application within an active seismic area should be approved by a structural engineer.

Dealers Notes:

The wall-supported Lid solution shown here will provide a basic, cost effective ceiling assembly that will help to block sound and provide additional acoustic privacy. The suggested assembly includes simple lighting components and return air grilles for circulation.

Superstructure

- Lid assembly will include structural superstructure which will serve as the supporting element for suspended ceiling grid.
- The superstructure will attach to the top of the wall. The specific ceiling track to be used for this is the Cornice “deck” track.
- Ceiling plane will align on top of “deck” track.

Ceiling

- The superstructure will support the suspended ceiling.
- The ceiling interface will allow for flush or recessed grid, and for most conventional ceiling tiles. The design will allow for any ceiling tile that is 48” x 24” or less.

Installation

- Installation skills and tools will be consistent with V.I.A. requirements. Lid assemblies will be installed by proficient dealer wall installers, third party wall installers, or ceiling contractors.

Other

- Lid components will be sourced locally by dealers and/or their installers, or by third party subcontractors. Unless the project is a Steelcase direct sale, Steelcase will not be involved in transactions related to the Lid components.
- If customers wish to exceed Lid design parameters, they will engage with a third-party engineer to determine the design of the superstructure and other components as appropriate to support their application.

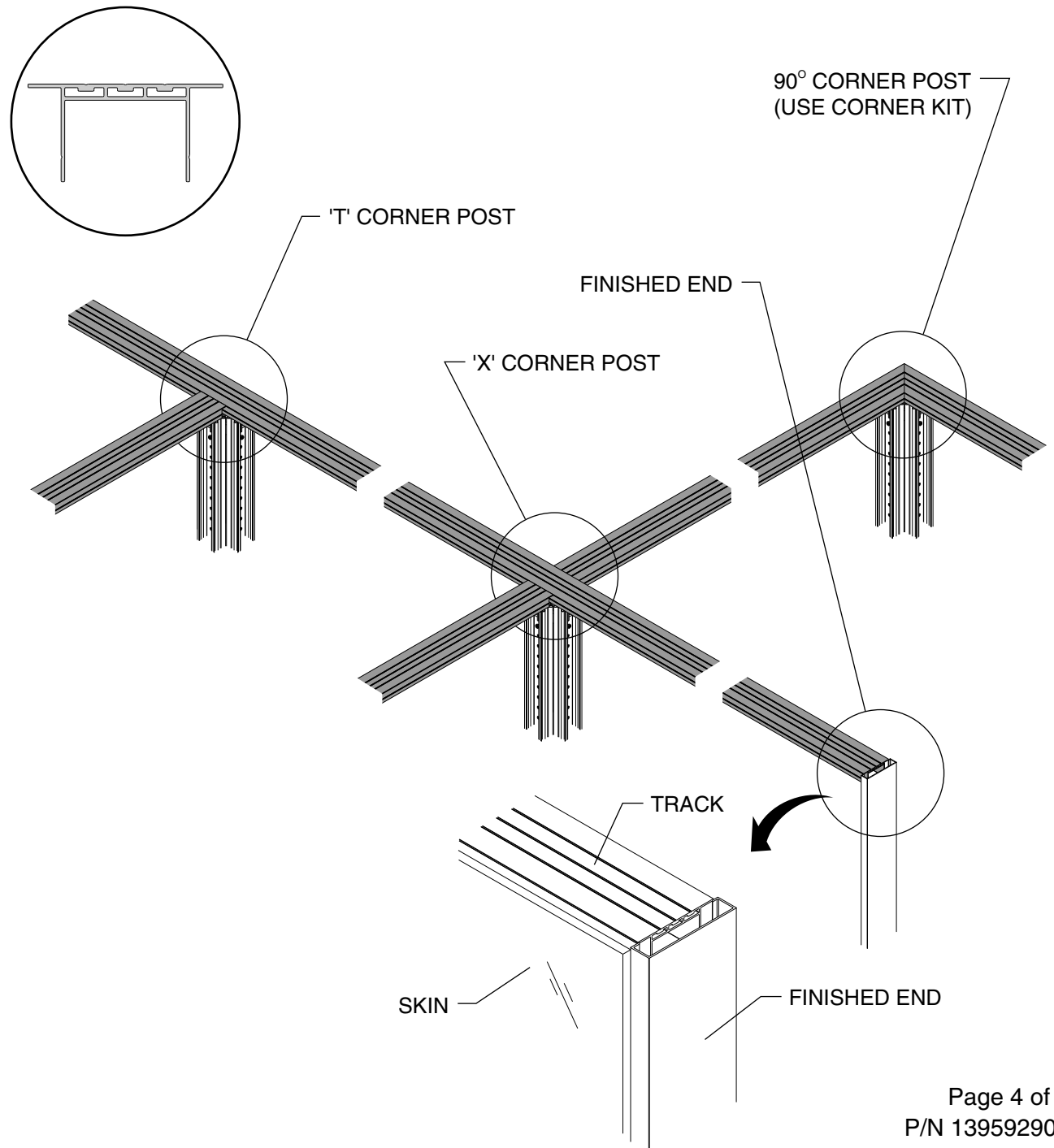
How to Assemble Cornice Deck Track and Brackets

1. The Cornice track comes in 130-inch long sections and 36-inch long, 90-degree corner kits. Install 36-inch long, 90-degree corner kits first. Cut straight Cornice track to length as required. Apply Cornice track, as shown, in the following panel conditions.

NOTE: Run the Cornice track across as many frames as a run will allow. Make sure the joints of the Cornice track and the joint of two frames coming together are not aligned.

2. See page 4 to see how the Cornice brackets are installed into the following frame conditions.

TIP: Steelcase recommends that the Cornice tracks are cut no shorter than 36" for the best possible visual results.



How to Assemble Cornice Deck Track and Brackets

3. Cut track to length as shown on previous page. Ensure track joints are tight.

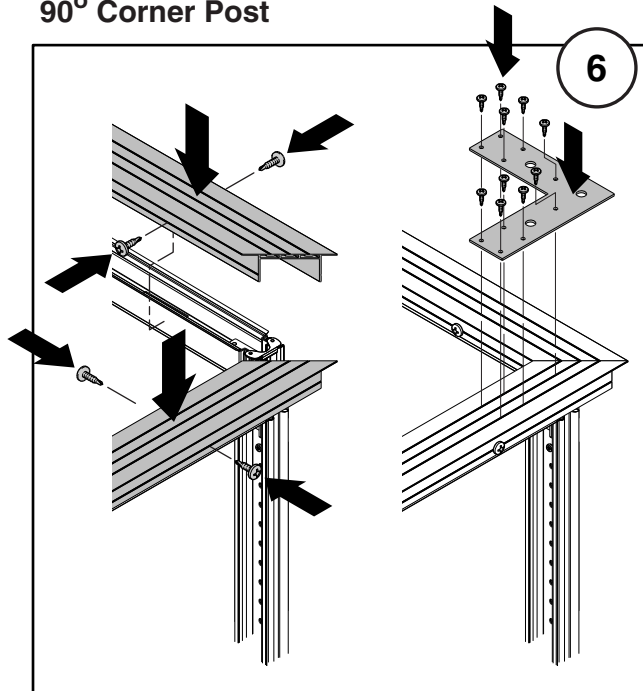
4. Fully compress post extensions into the posts. Firmly seat track on top of posts.

TIP: Make sure no wires or cables are present in the frames before installing track attachment screws.

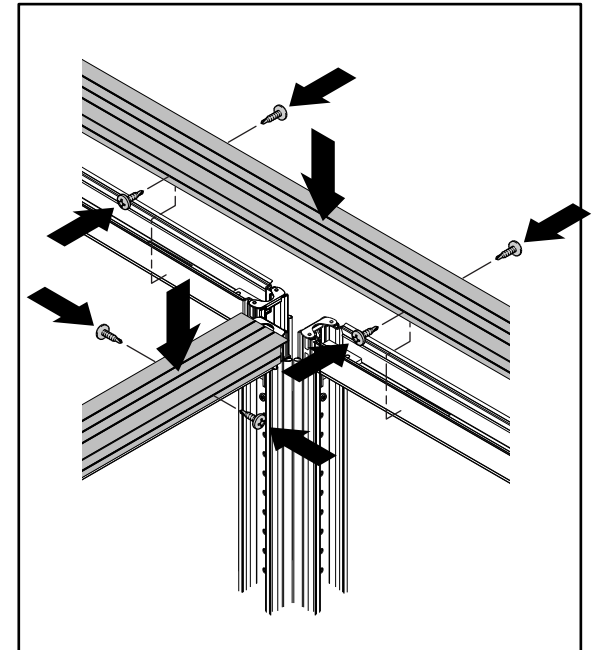
5. Attach track with #8 self-drilling screws provided. Use the scribe line on the side of the track flange. Screws should be placed no greater than 18" apart and within 4" of every post.

6. Track joints must be spliced together with Cornice splice brackets. Use #12 screws provided.

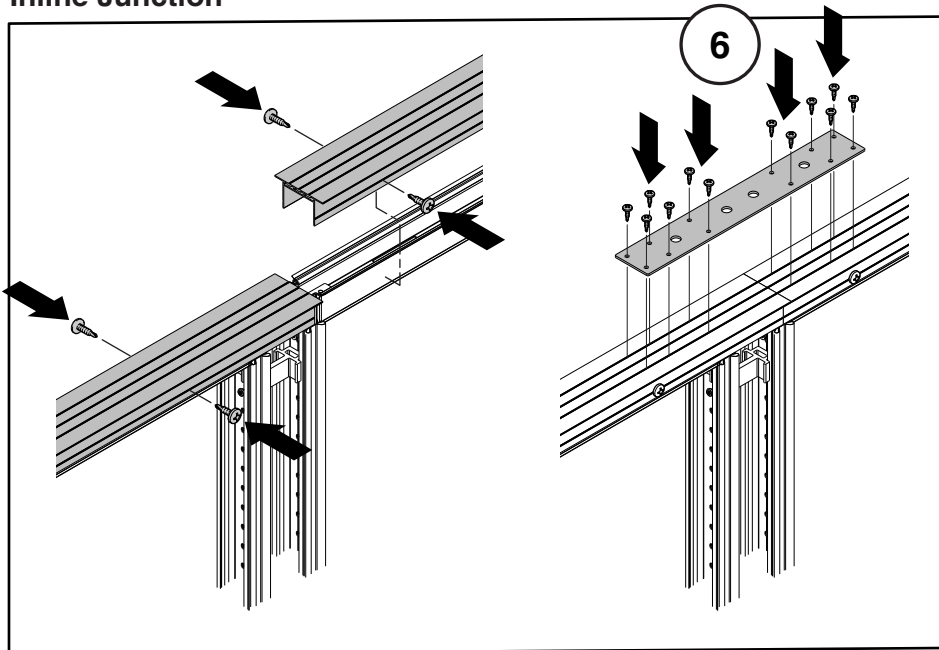
90° Corner Post



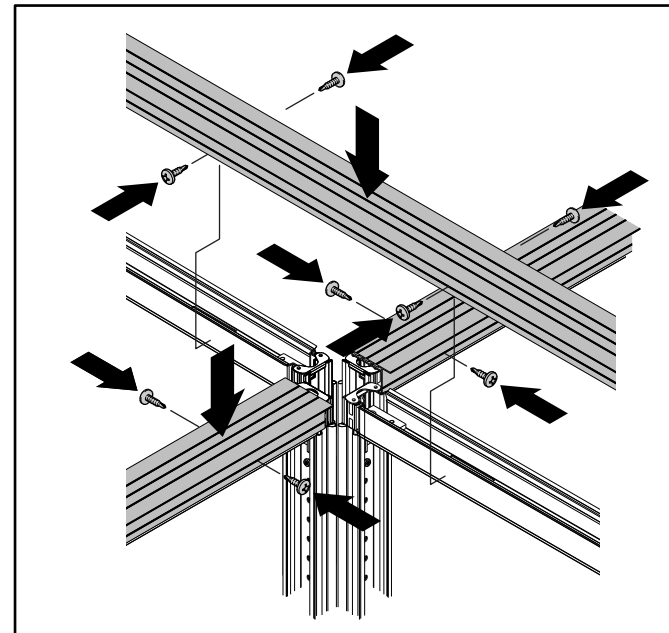
"T" Corner Post



Inline Junction

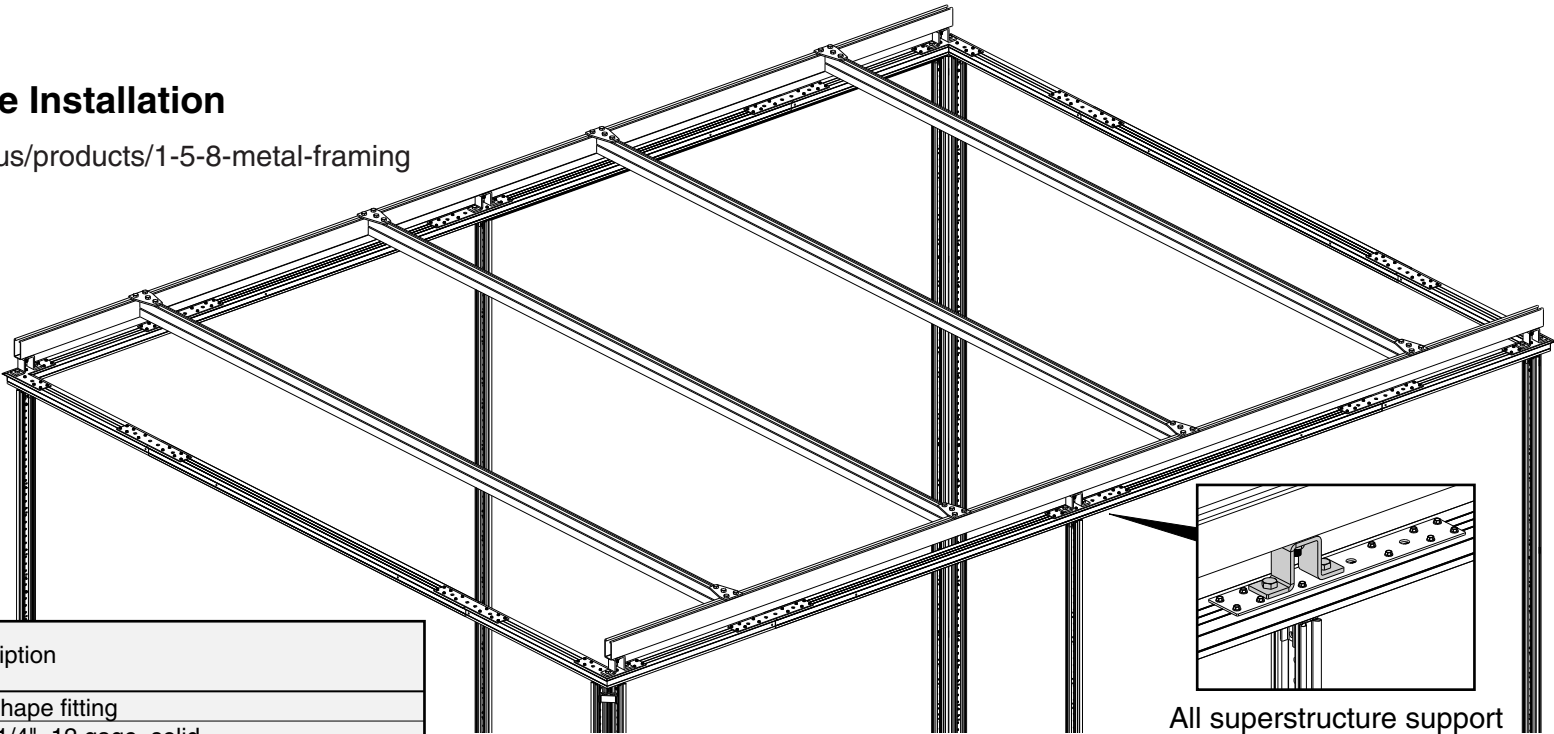


"X" Corner Post



Lid Superstructure Installation

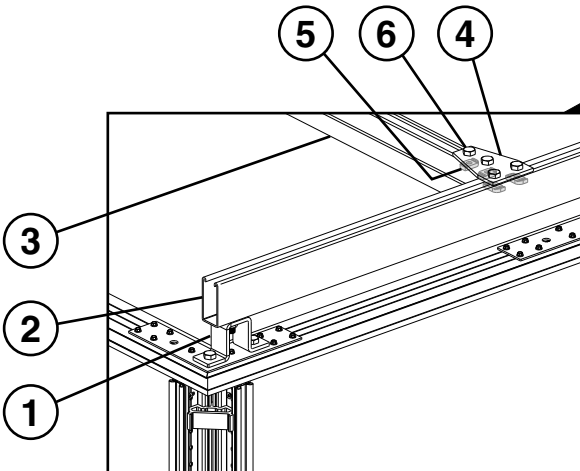
<https://www.unistrut.us/products/1-5-8-metal-framing>



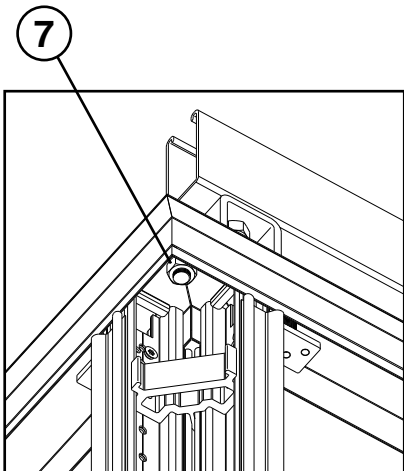
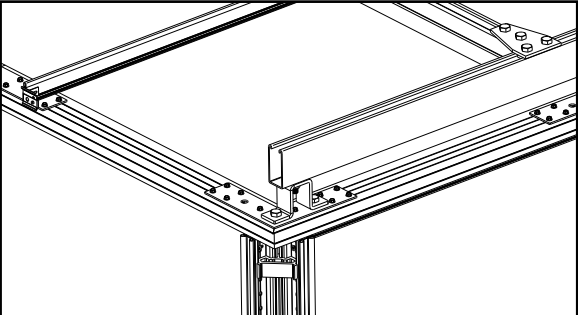
All superstructure support brackets must be placed over a V.I.A. post.

Item #	Unistrut Part #	Part Description
1	P5547	3 hole, U shape fitting
2	P5000	1-5/8" x 3-1/4", 12 gage, solid
3	P1001T	1-5/8" x 3-1/4", 12 gage, back-to-back, slotted
4	P1358	4 hole, flat plate fitting
5	P1010	Channel nuts w/ spring, 1/2" thread (1-5/8" series)
6	HHCS050125	HHCS - Hex head screw, 1/2" thread x 1-1/4" L
7	HHXN050	Hex nut, 1/2" thread

The installation of the Lid superstructure does not improve overall rigidity of Cornice Height walls. Walls must be planned and configured per Cornice guidelines as defined in the V.I.A. specification guide.

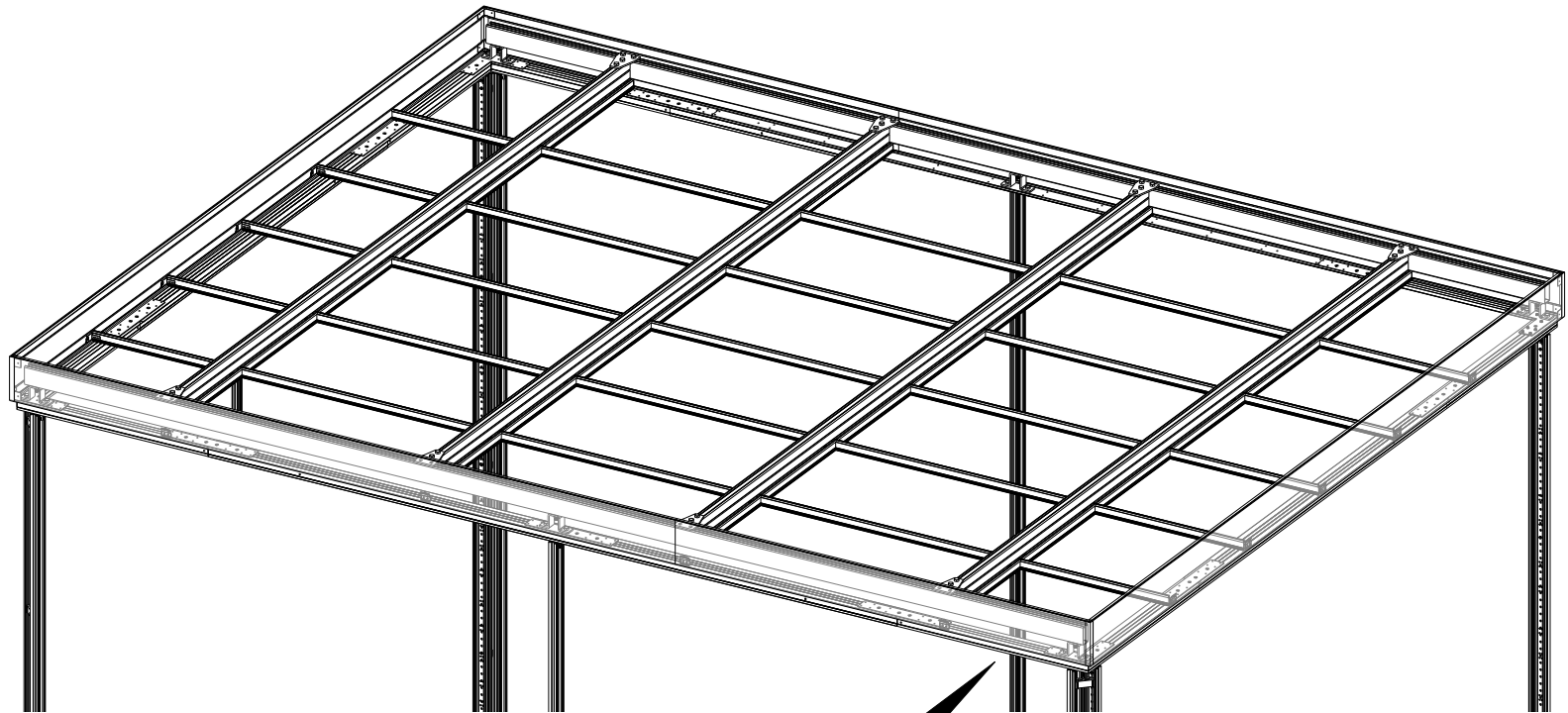


WITH CEILING GRID:

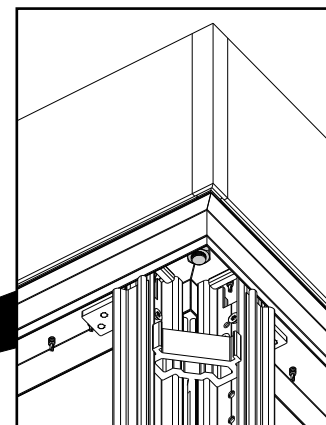
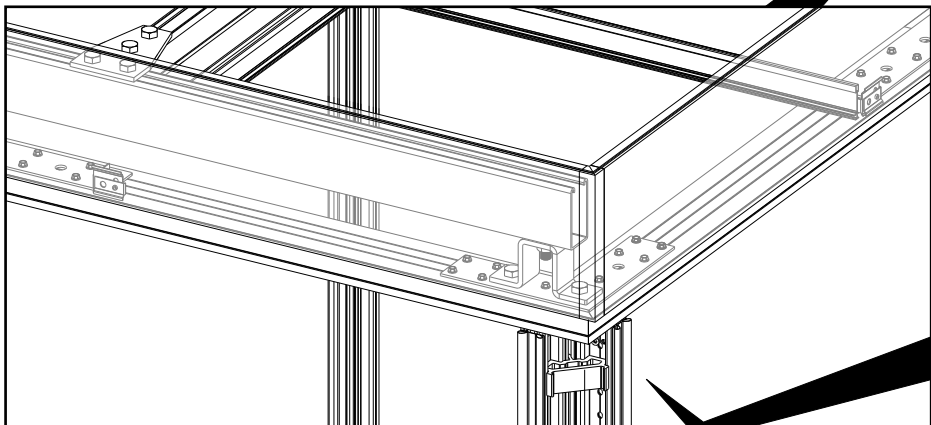


Lid Superstructure Installation

<https://www.unistrut.us/products/1-5-8-metal-framing>

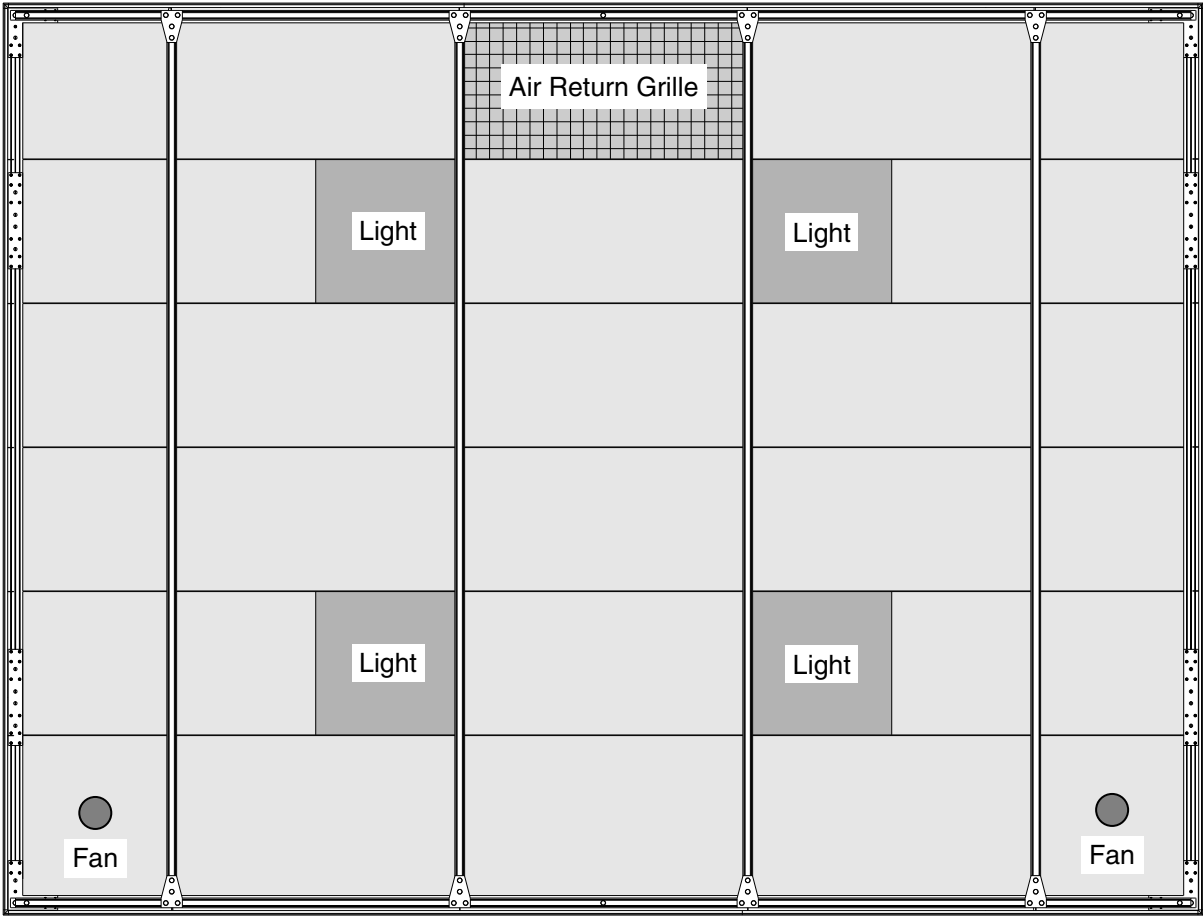


Details:



V.I.A. walls can support a Lid load of up to 15 pounds per square foot (PSF) of total distributed load (Unistrut superstructure plus suspended ceiling and components as listed below).

The superstructure as shown on page 7 can support up to 5 pounds per square foot (PSF) of distributed load.



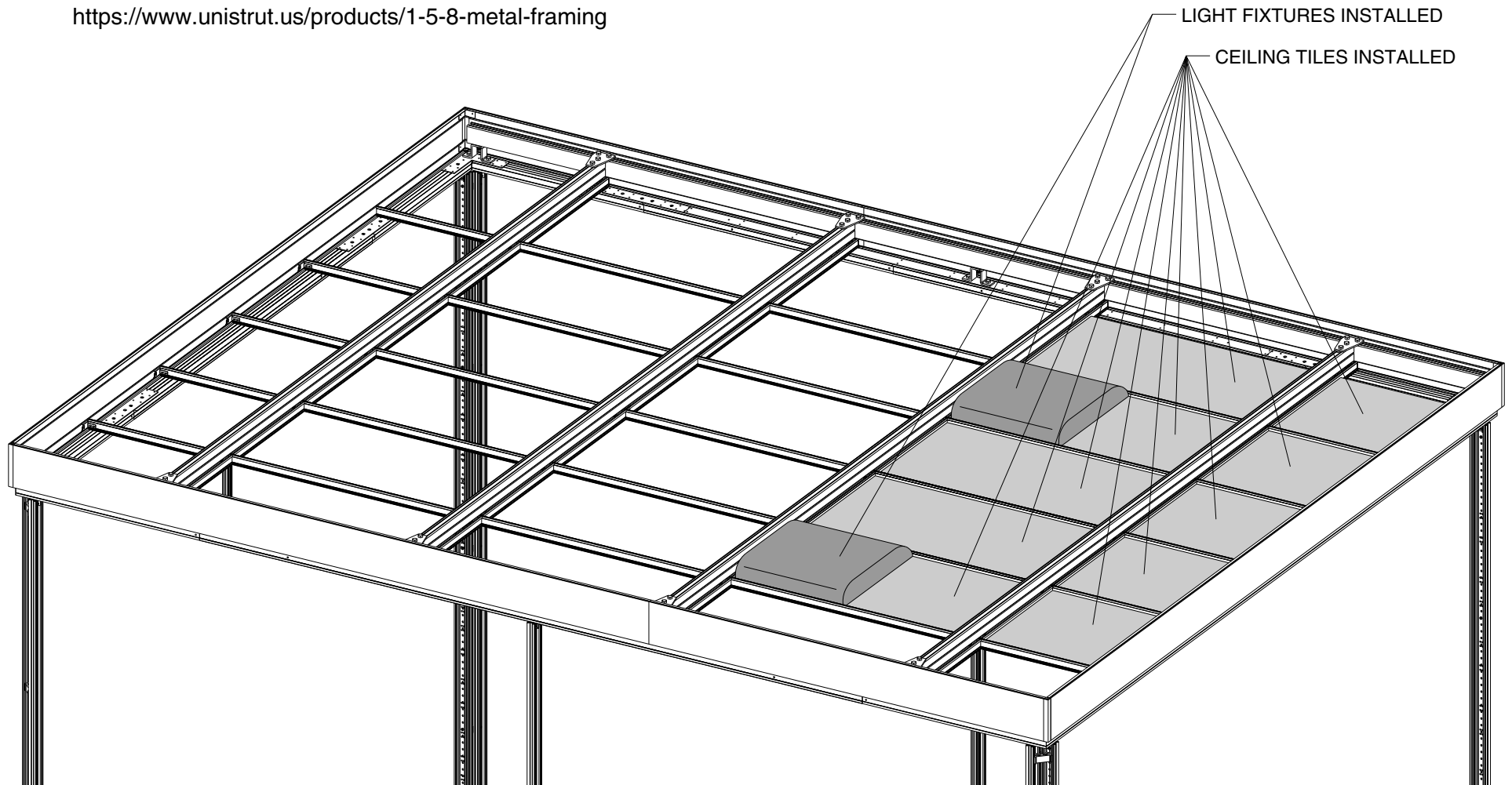
A simple ceiling assembly as shown and specified here should not exceed 2.5 PSF:

Armstrong Ultima Tile (mineral fiber)	1.07 Lbs/SF
Armstrong Silhouette Grid	0.25 Lbs/SF
Titus 50F Eggcrate Grille 2' x 4'	8.00 Lbs. each
Light - Lithonia Troffer 24" x 24"	17.00 Lbs. each
Fan - Panasonic 448F56	12.00 Lbs. each
6" Fiberglass Insulation (Optional)	0.50 Lbs/SF

NOTE: Any added components should be evaluated by a structural engineer to ensure that the superstructure will provide adequate support.

Lid Superstructure Installation

<https://www.unistrut.us/products/1-5-8-metal-framing>

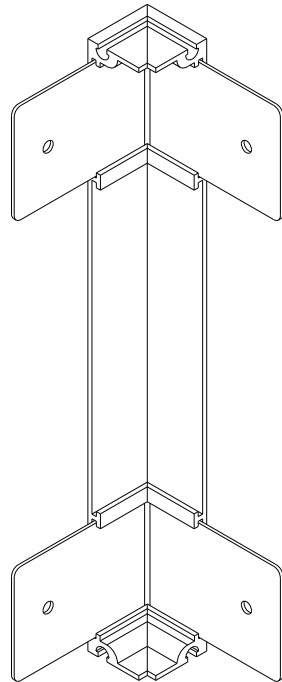


Suspended Ceiling Trim Installation

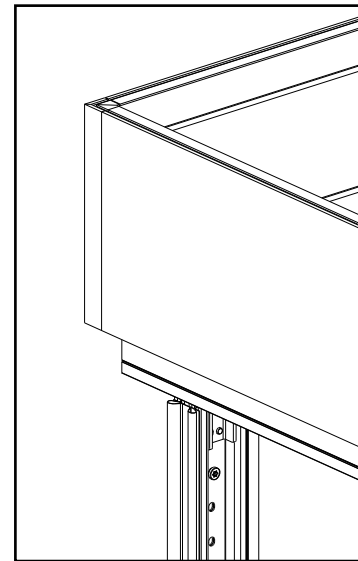
<https://www.armstrongceilings.com/pdbupimages-clg/222501.pdf/download/data-sheet-axiom-classic.pdf>

Axiom corner post video link: <https://www.youtube.com/watch?v=qlJ1HWse85o>

AX8OSCP_ _



Axiom Outside
Corner Post



Suspended Ceiling Trim Installation

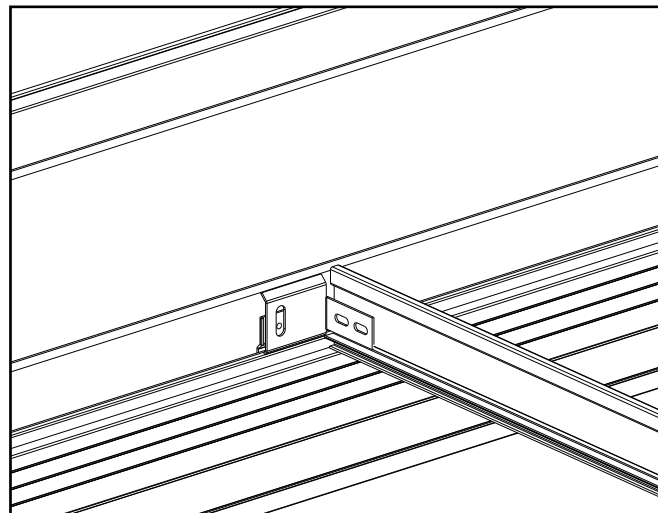
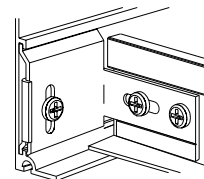
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<https://www.armstrongceilings.com/pdbupimages-clg/218106.pdf/download/installation-guide-axiom-classic-trim.pdf>

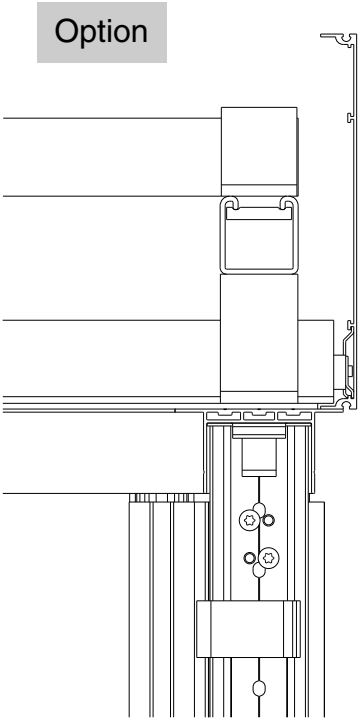
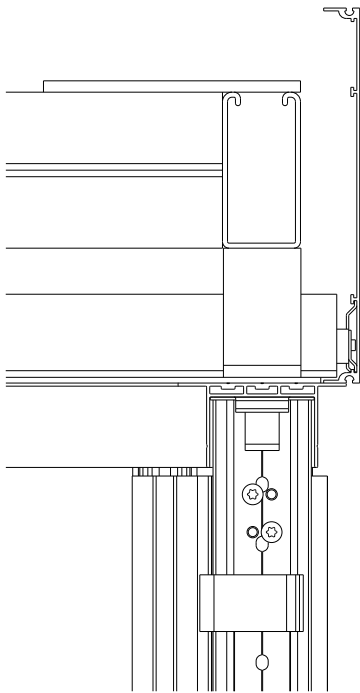
AXTBC

T-Bar Connection Clip

Galvanized sheet steel formed to fit into special trim channel bosses. Provides positive mechanical lock with factory-installed screw, screw-fastened connection to suspension members that intersect the trim channel.



Suspended Ceiling Trim
Installation Examples



<https://www.armstrongceilings.com/pdbupimages-clg/222501.pdf/download/data-sheet-axiom-classic.pdf>

AX8STR_ _ _



Option



V.I.A. Cornice Application - Layout and Application Guidelines

NOTE: Cornice Track must be ordered and installed for all freestanding (Cornice Height) applications.

- 1.** Cornice height walls must be planned and configured per Cornice guidelines as defined in the V.I.A. specification guide.
- 2.** Securely install floor guides under all door frame posts for Cornice applications. Floor guides must be installed using mechanical fasteners.
- 3.** Termination at mini ends require a secure mechanical fastening to the foreign wall.
- 4.** Cornice Track must be installed per assembly directions.
- 5.** Cornice Track must be ordered and installed with Cornice splice brackets for inline, 90-degree and 135-degree intersections.