



**USG CEILINGS PLUS[®]
COLORTEX[™] TRIMETRIX[™]**

ACOUSTIC PANEL SOLUTIONS

INSTALLATION GUIDE



Introduction

Introducing **Colortex™ Trimetrix™** a new innovative ceiling design brought to you by **USG Ceilings Plus®**. In this manual we'll show you how to perform the installation for this rigid system the right way, the first time, and with confidence.

The purpose of this installation manual is to provide you with general steps on how to properly and safely install the **Colortex™ Trimetrix™** ceiling system.

Please read this entire manual and familiarize yourself with all procedures before you begin. If you have been supplied with project drawings specific to your order, make sure you have a thorough understanding of those. Any details within those documents will supersede this manual. Work area must be clear of debris and obstacles to ensure a safe and fast installation.

Please work safely!

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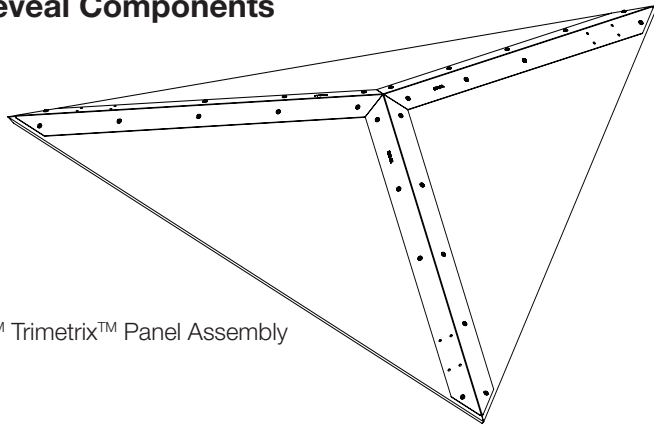
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Preparation

Component Identification

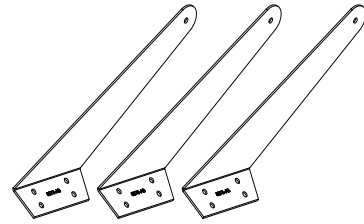
Components

Open Reveal Components



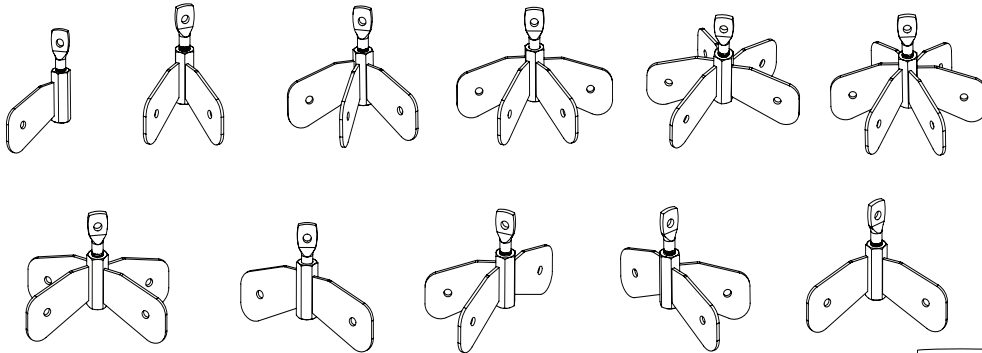
Colortex™ Trimetrix™ Panel Assembly

Panel Bracket Tabs (Field installed)



Sheet metal screws

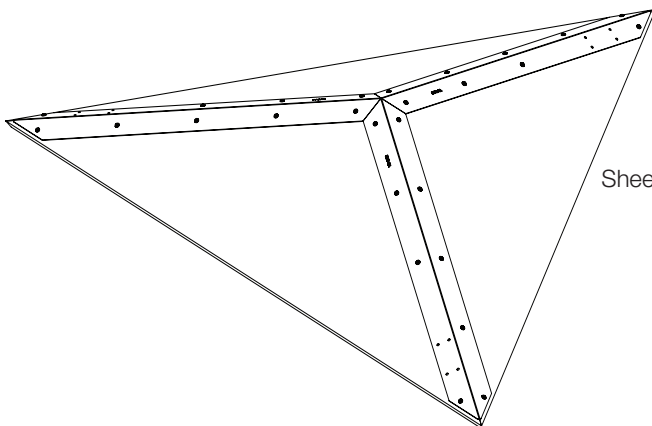
Hub Assemblies (11 configurations)



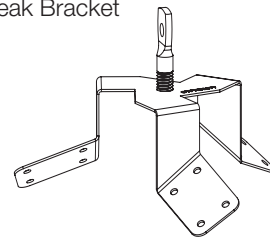
Hub Hardware



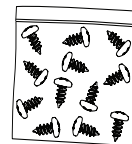
No Reveal Components



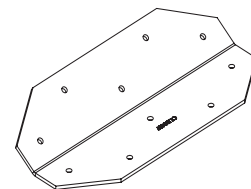
Peak Bracket



Sheet metal screws



Joiner Bracket



Preparation

Tools

Standard Tools



Safety Goggles



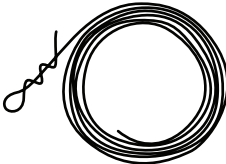
Hard Hat



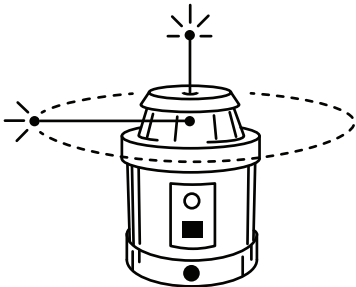
Tape Measure



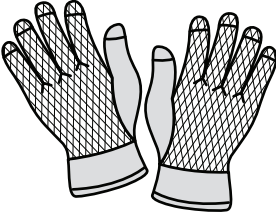
Lineman Wire Cutters



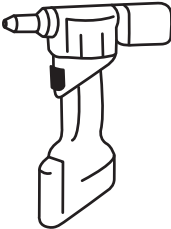
Hangar Wire



Laser Level



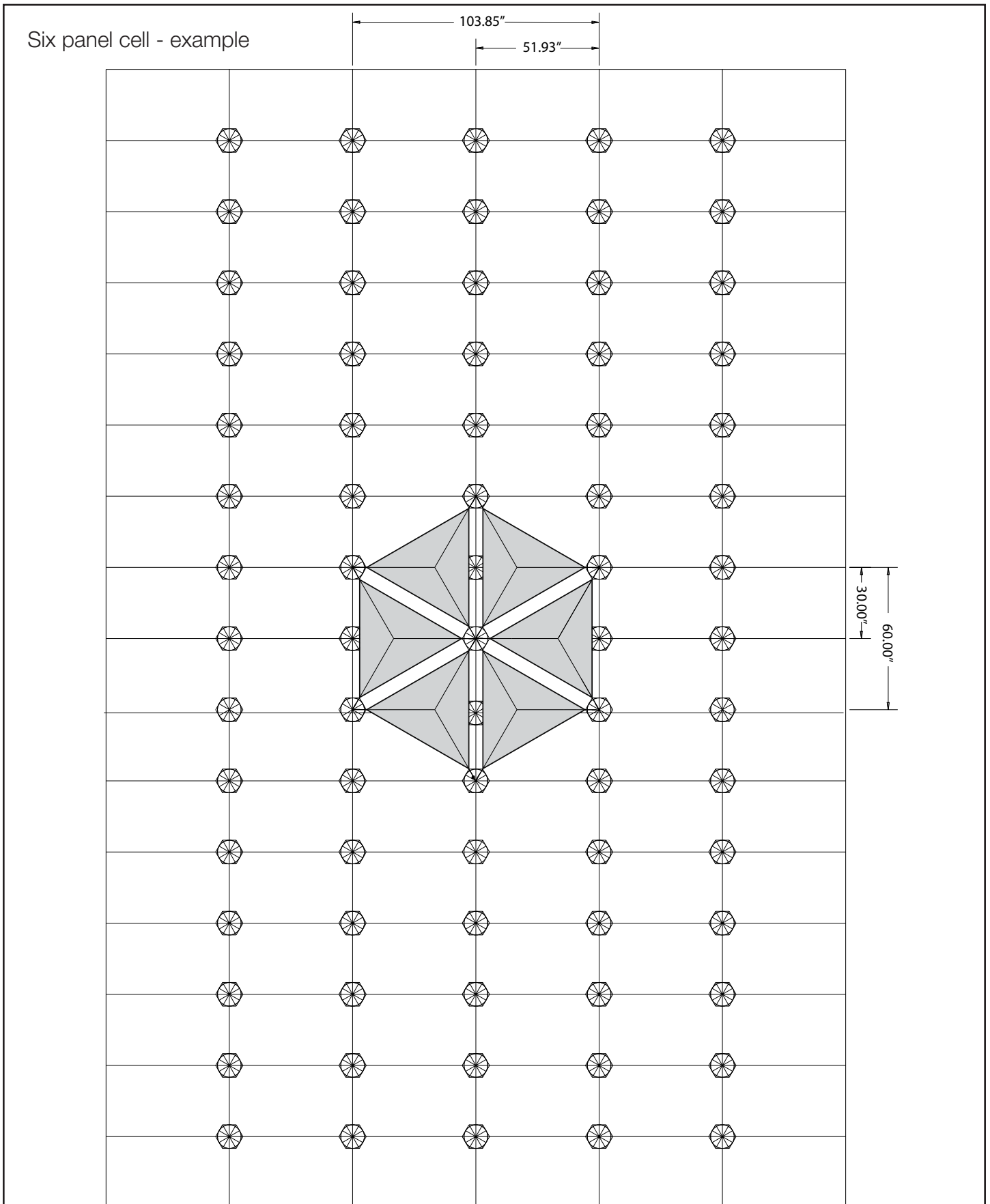
Working Gloves



Electric Screwdriver

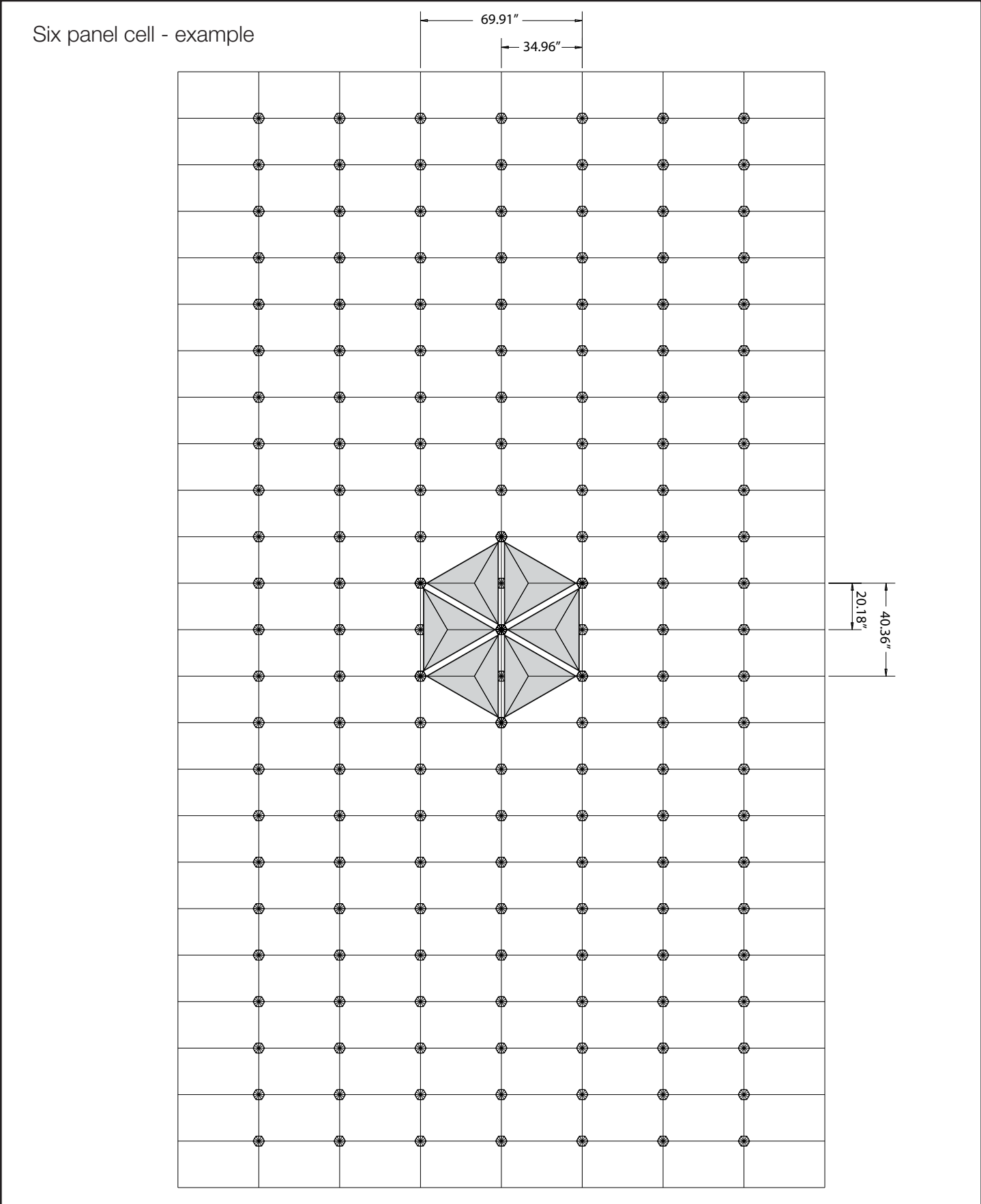
Panel Layout Planning

Hub spacing for panel sizes: CTPA5049 / CTPA5075 / CTPA50105



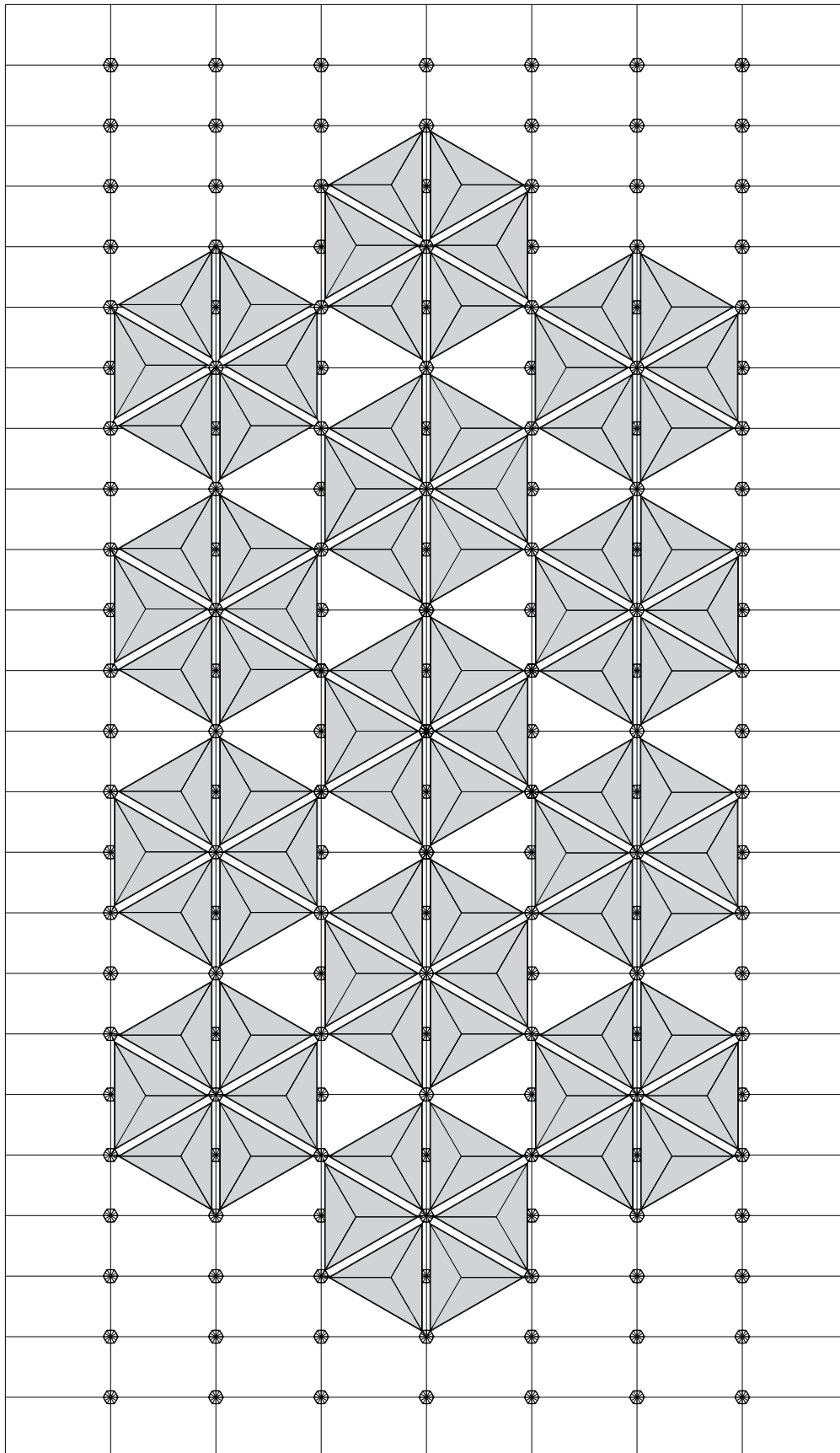
Panel Layout Planning

Hub spacing for panel sizes: CTPA3637 / CTPA3655 / CTPA3677



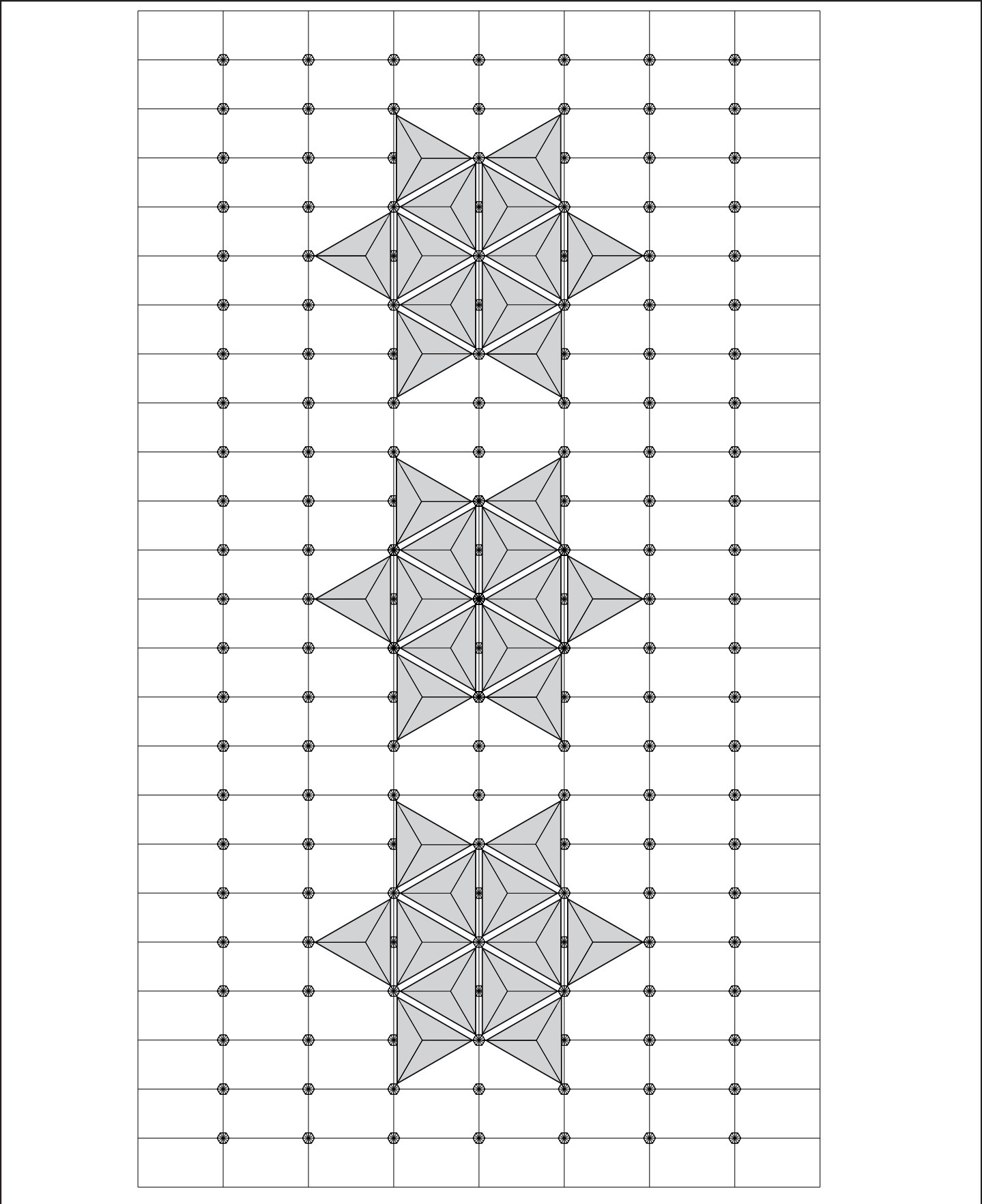
Panel Layout Planning

Open Reveal - Hub layout pattern example one



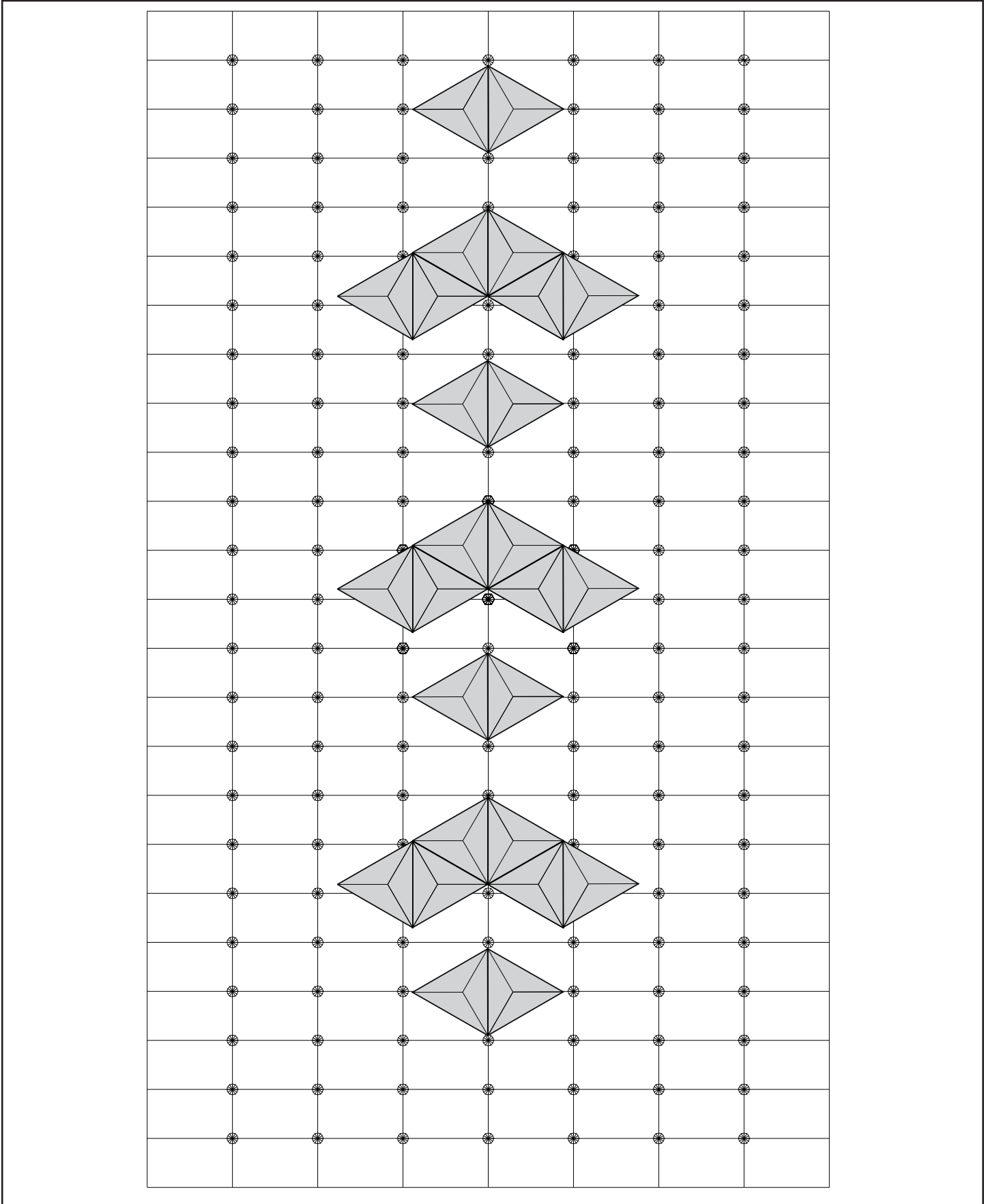
Panel Layout Planning

Open Reveal - Hub layout pattern example two



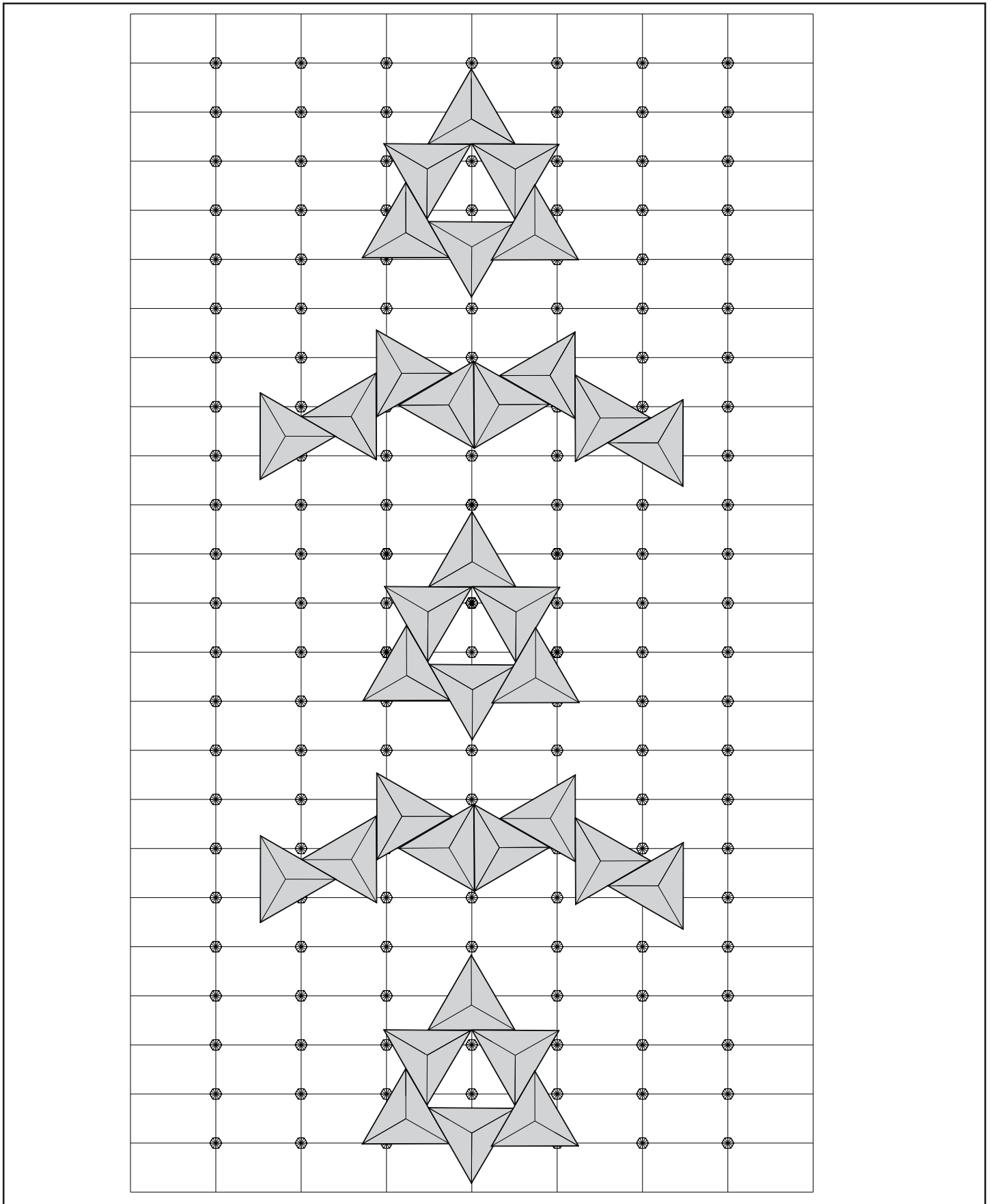
Panel Layout Planning

No Reveal - Layout pattern example one



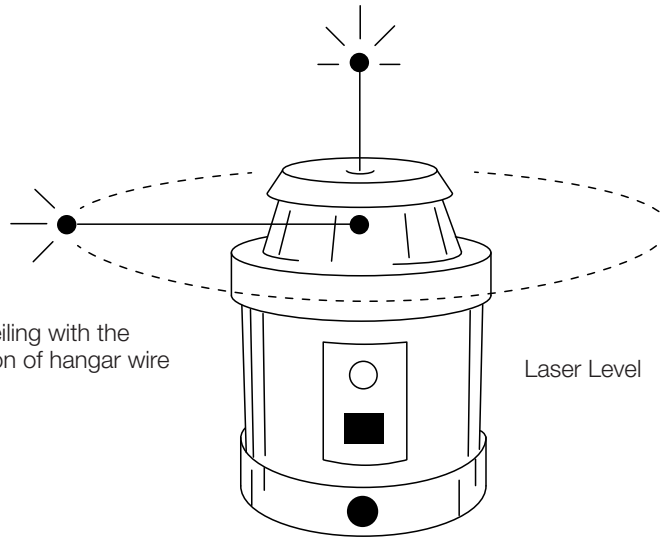
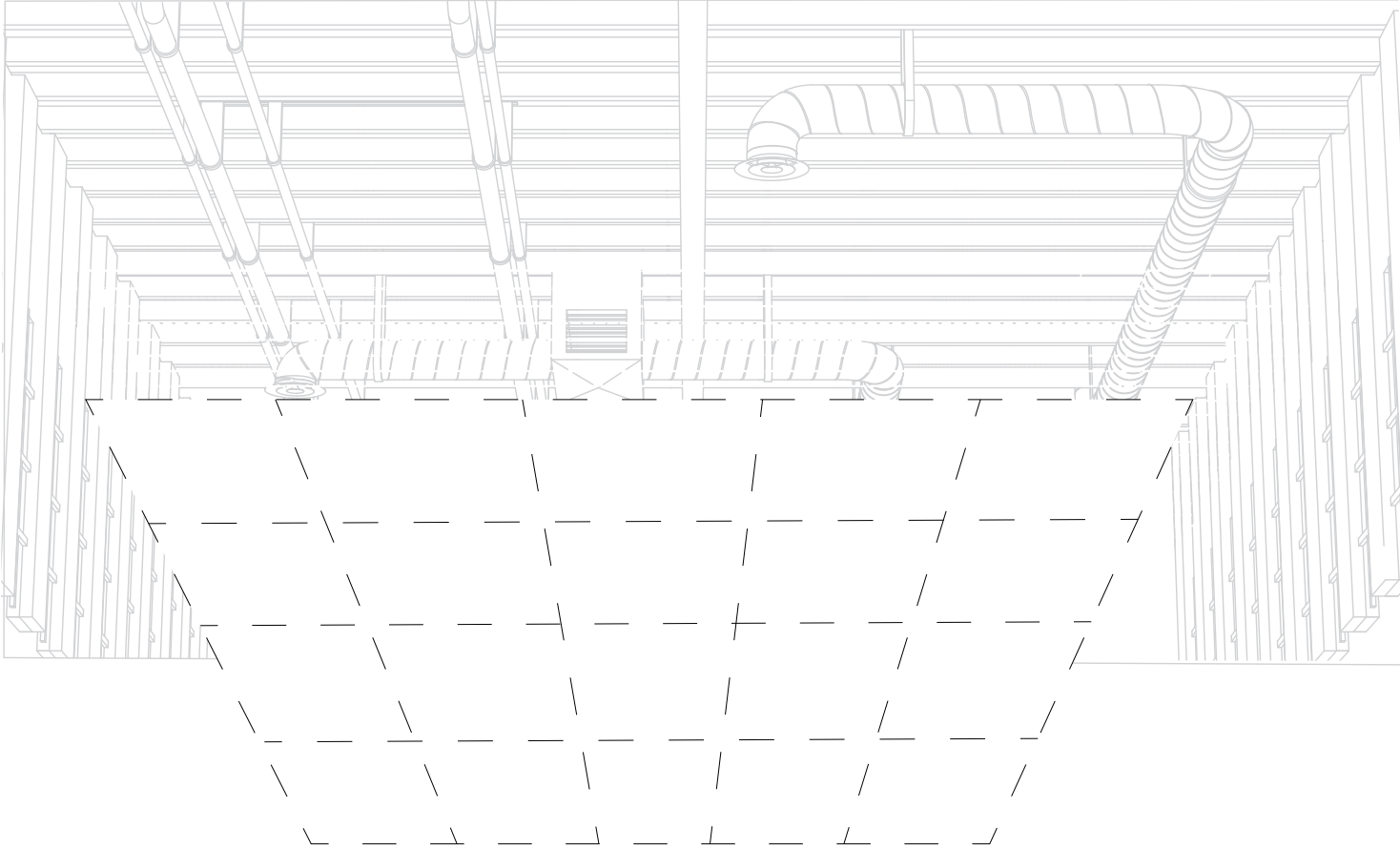
Panel Layout Planning

No Reveal - Layout pattern example two



General Installation

Laser mark hub locations on ceiling



Use laser level to mark ceiling with the locations for the installation of hangar wire mounting.

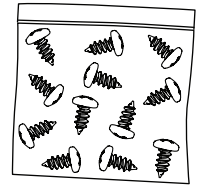
Laser Level

Panel Bracket Tabs Assembly

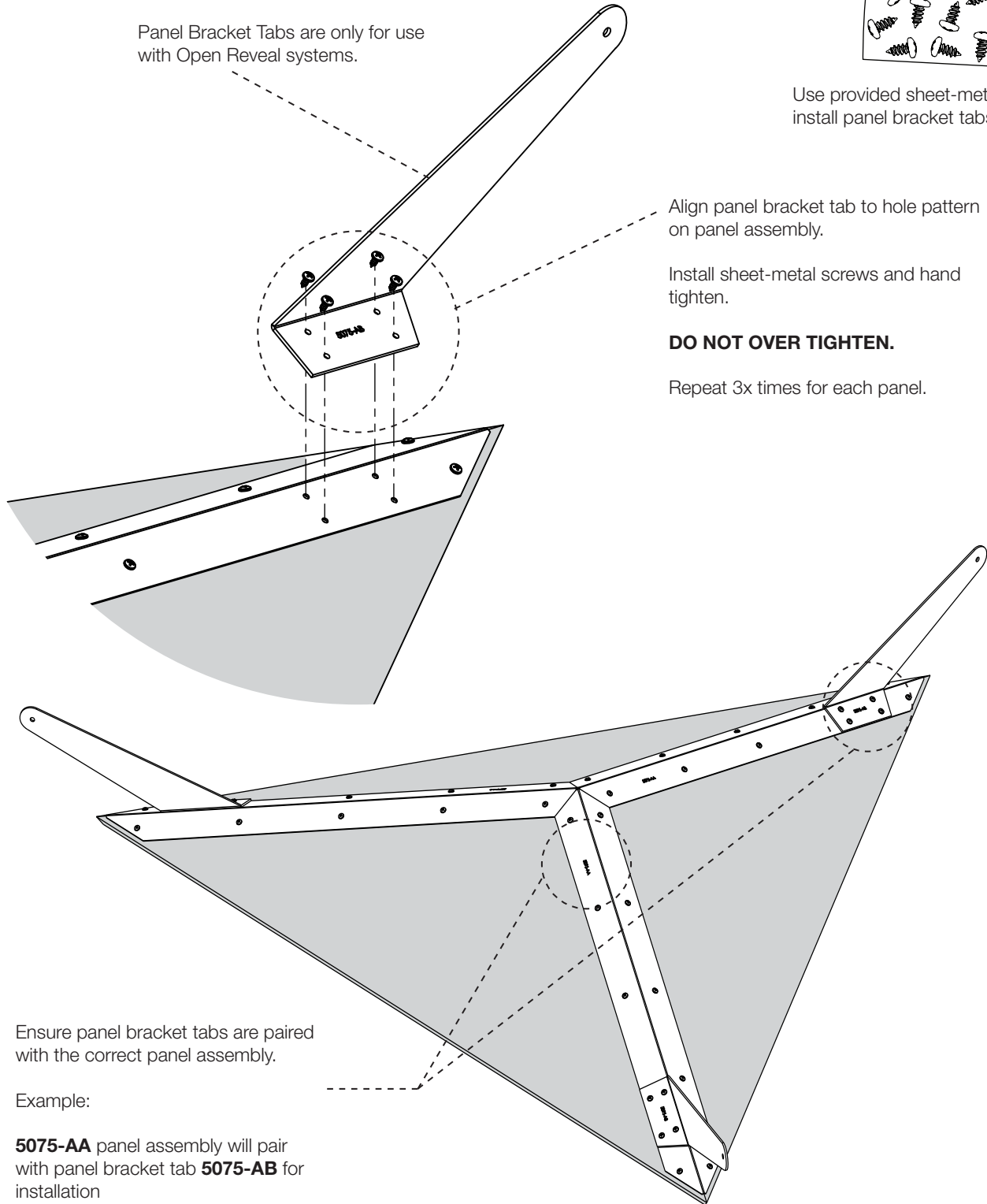
Open Reveal - Installing panel bracket tabs on panel assembly

NOTE:

Panel Bracket Tabs are only for use with Open Reveal systems.



Use provided sheet-metal screws to install panel bracket tabs.



Align panel bracket tab to hole pattern on panel assembly.

Install sheet-metal screws and hand tighten.

DO NOT OVER TIGHTEN.

Repeat 3x times for each panel.

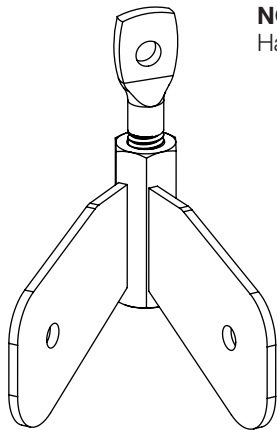
Ensure panel bracket tabs are paired with the correct panel assembly.

Example:

5075-AA panel assembly will pair with panel bracket tab **5075-AB** for installation

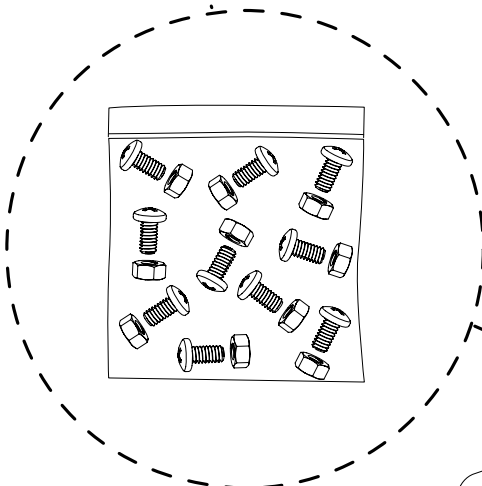
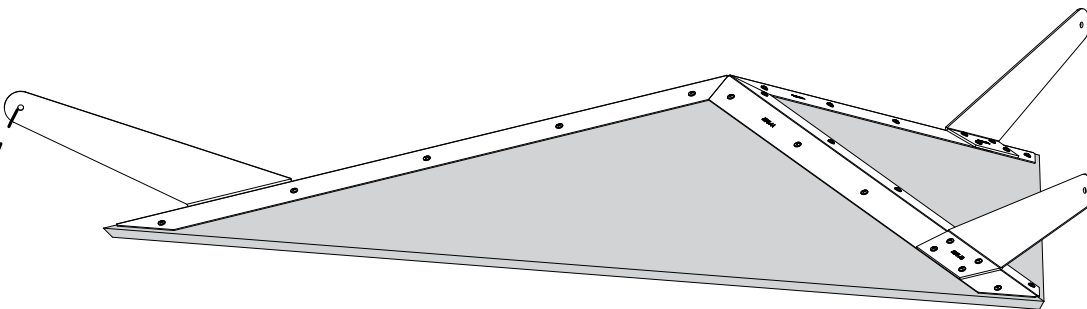
General Installation

Open Reveal - Attaching Panels to Hub (Example #1)



NOTE: Machine screw eyelet on all Hubs are Hanger wire connection points.

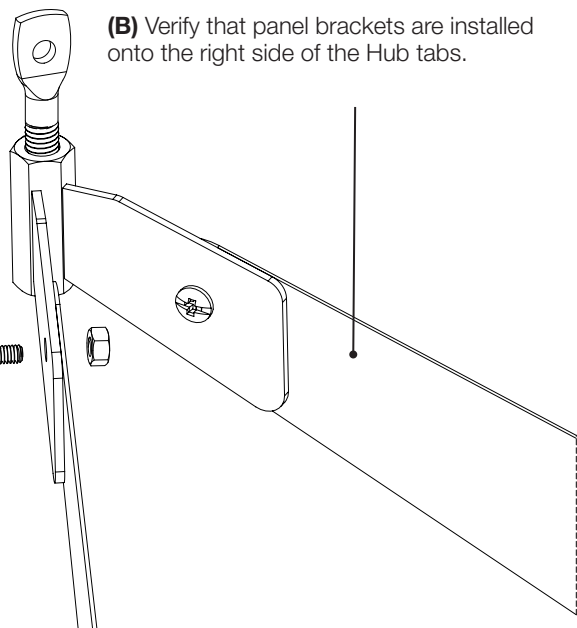
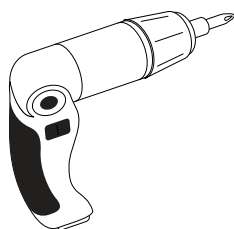
(A) Select Hub according to design layout.



(C) Tighten screw & nut until snug.

Do not overtighten. Verify that panel brackets are installed onto the right side of the Hub tabs.

Repeat process for all Hubs.

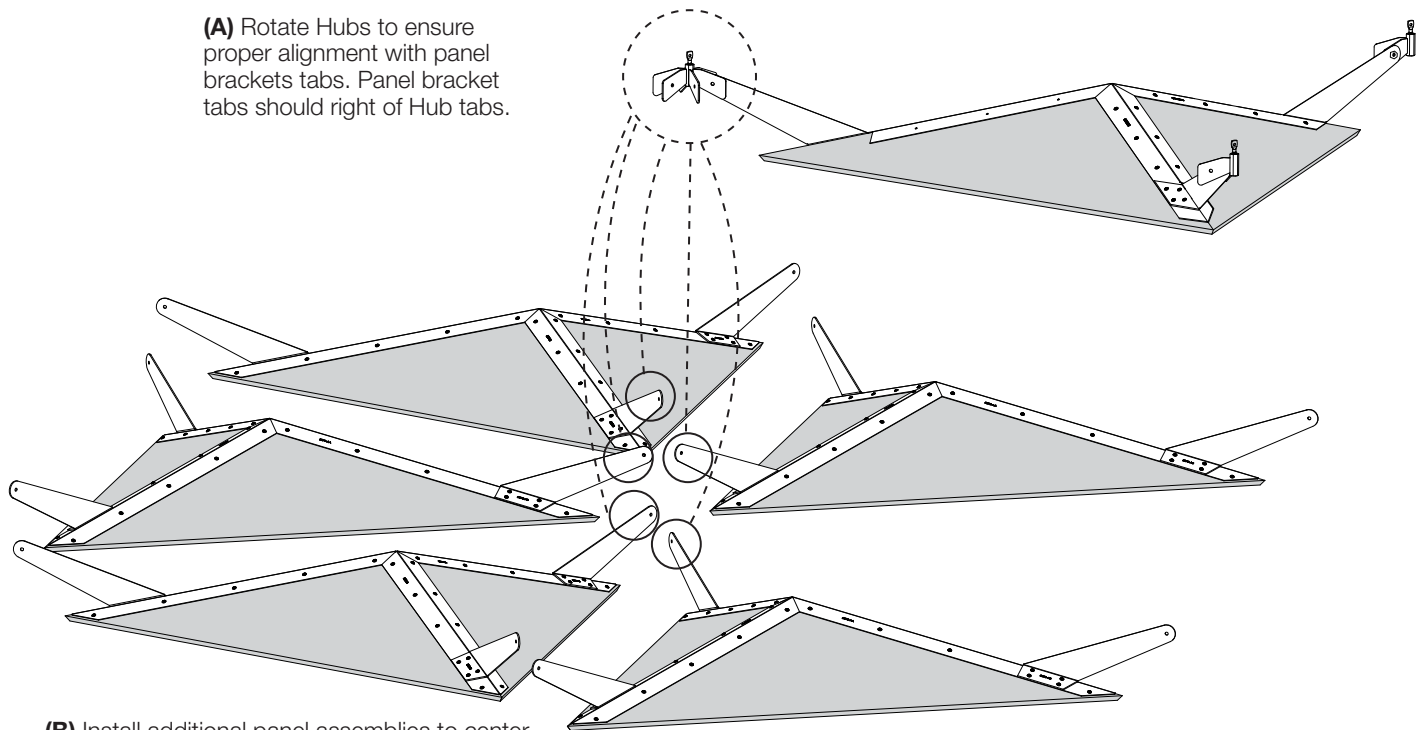


(B) Verify that panel brackets are installed onto the right side of the Hub tabs.

General Installation

Open Reveal - Attaching Panels to Hub (Example #2)

(A) Rotate Hubs to ensure proper alignment with panel brackets tabs. Panel bracket tabs should be right of Hub tabs.

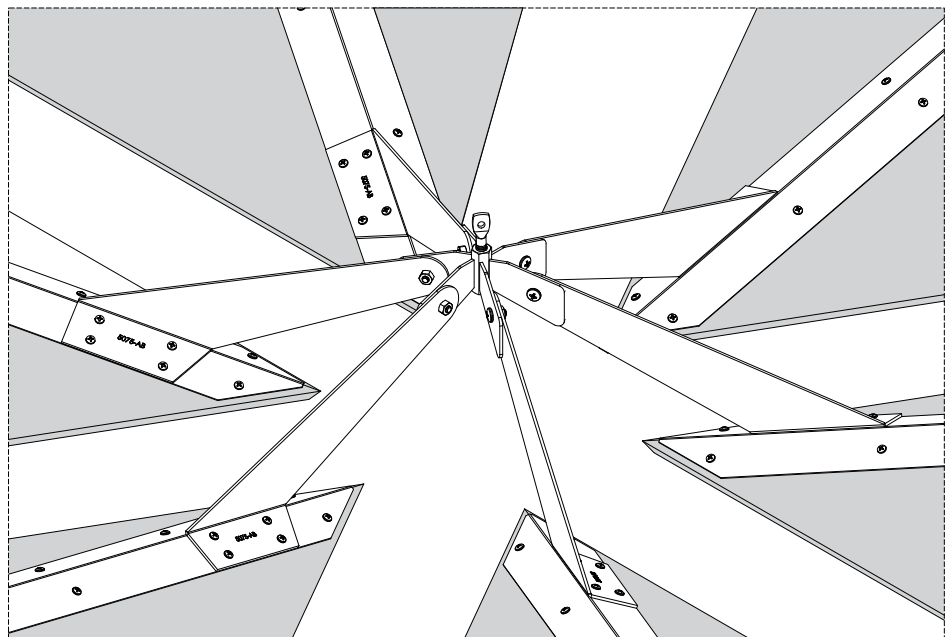


(B) Install additional panel assemblies to center, six-tab Hub, then attach to remaining Hubs.

(C) Tighten screw & nut until snug.

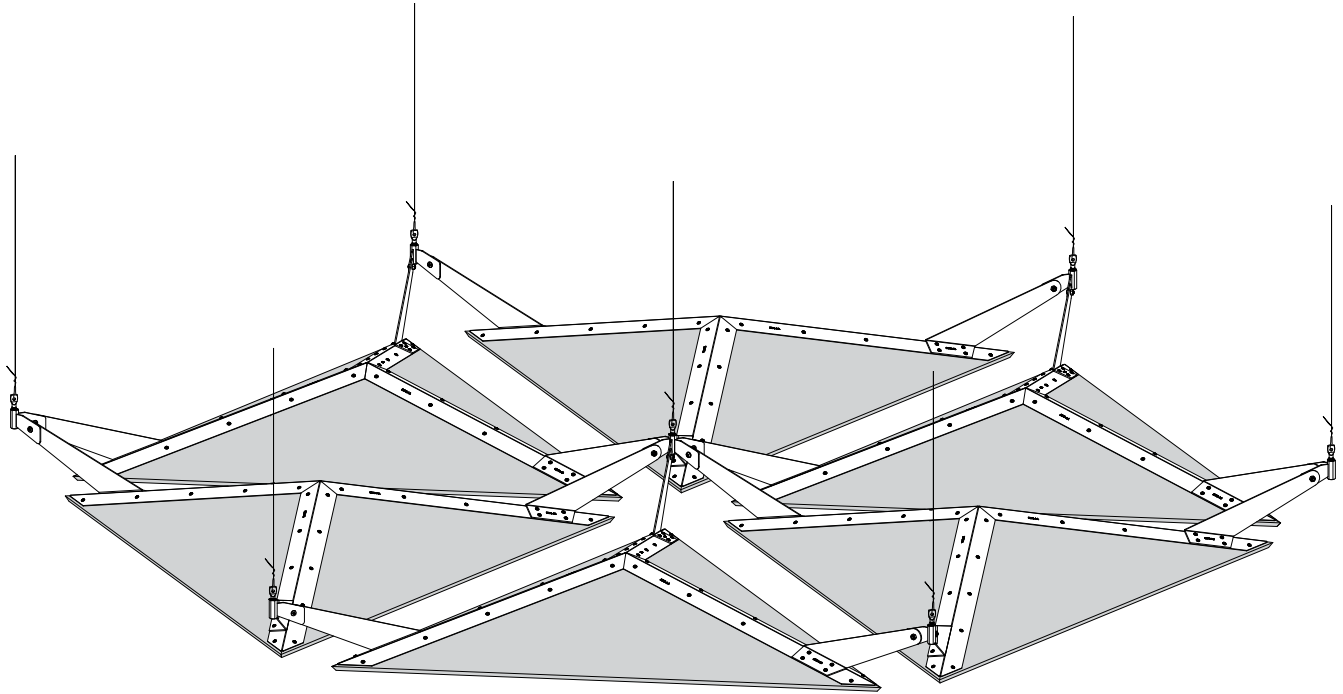
Do not overtighten. Verify that panel brackets are installed onto the right side of the Hub tabs.

Repeat process for all Hubs.

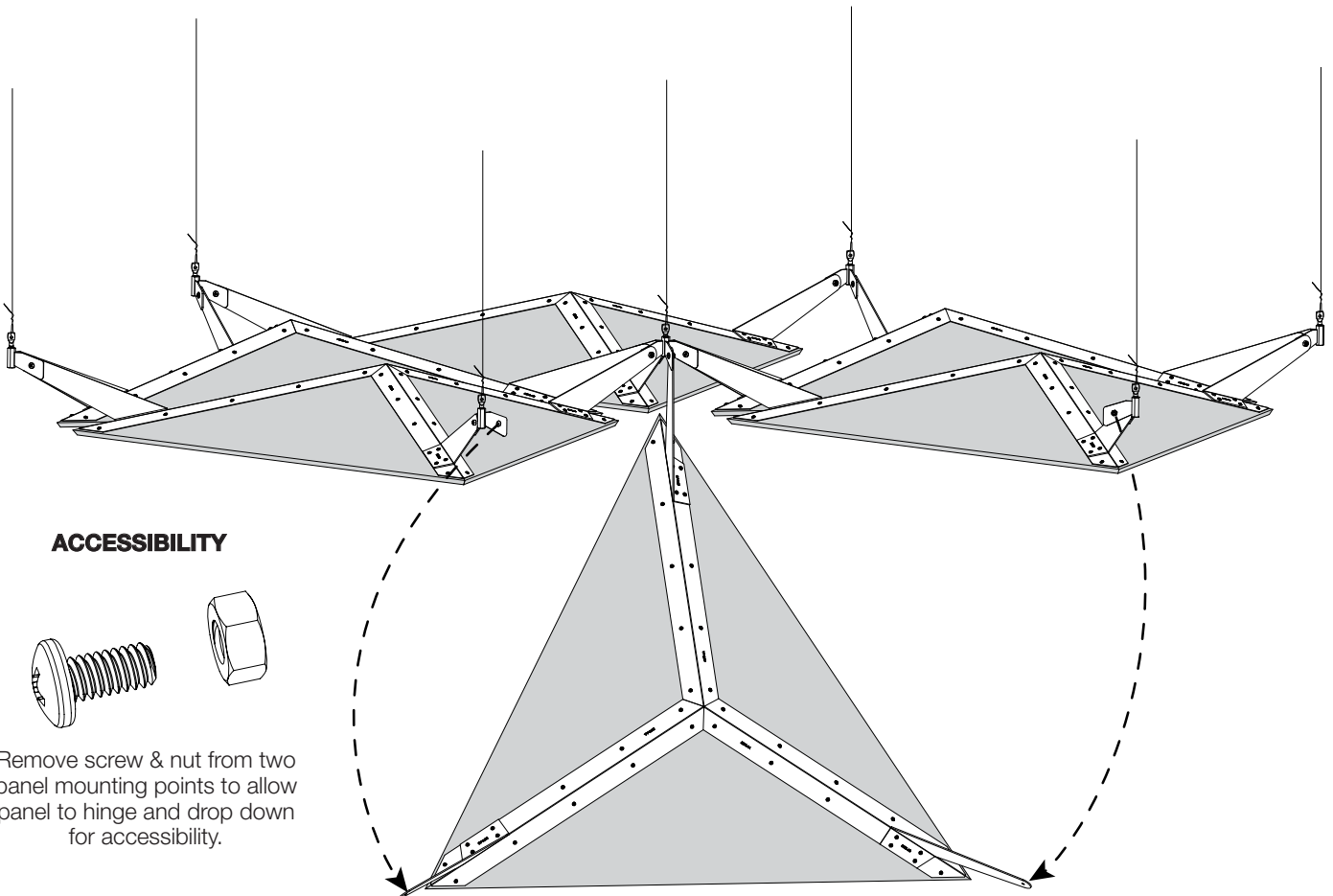


General Installation

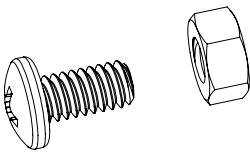
Open Reveal - Accessibility



**FULLY ASSEMBLED COLORTEX™ TRIMETRIX™ CEILING SYSTEM
(OPEN REVEAL)**



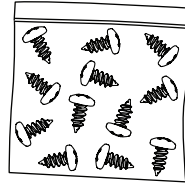
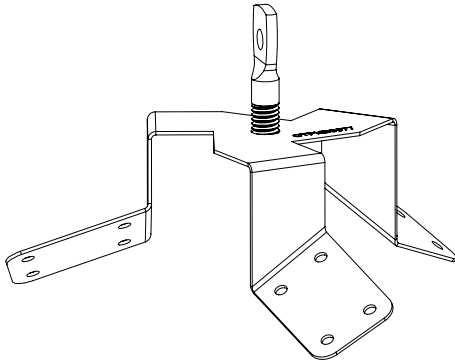
ACCESSIBILITY



Remove screw & nut from two panel mounting points to allow panel to hinge and drop down for accessibility.

Peak Bracket Assembly

No Reveal - Peak Bracket installation



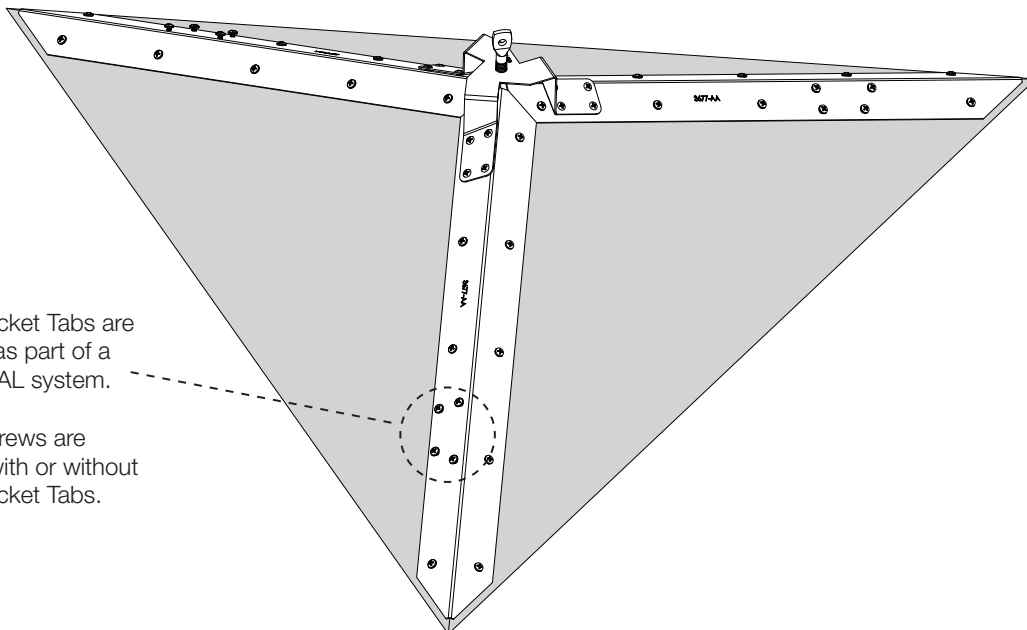
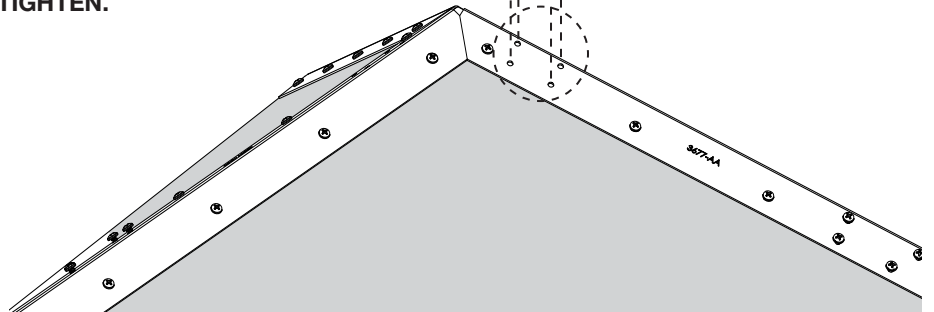
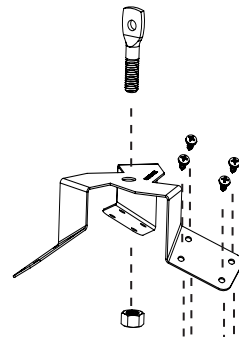
Use provided sheet-metal screws to install Peak bracket to the apex of the panel.

Align Peak bracket hole pattern to hole pattern on panel assembly.

Install sheet-metal screws and hand tighten.

DO NOT OVER TIGHTEN.

Repeat 3x times.



NOTE:

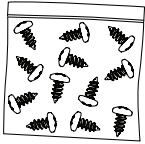
Panel Bracket Tabs are not used as part of a NO REVEAL system.

Ensure screws are installed with or without Panel Bracket Tabs.

Peak Bracket Assembly

No Reveal - Joiner Bracket installation

Use provided sheet-metal screws to install Joiner bracket to the apex of the panel.



(A) Position and align panel edges together ensuring no reveal between them.

(B) Place Joiner bracket on the panel surfaces, again, ensuring no reveal between them.

(C) Secure Joiner bracket to both panels using provided sheet-metal screws (qty:10).

Do Not Over Tighten.

NOTE: Joiner bracket can be installed anywhere along this edge line to meet design layout intent.

**FULLY ASSEMBLED COLORTEX™ TRIMETRIX™ CEILING SYSTEM
(NO REVEAL)**

Maintenance

Adjust & Clean

- A.** Colortex™ Trimetrix™ panels are meant for indoor applications only.
- B.** Adjust ceiling components to provide a consistent finish and appearance in conformity with established tolerances and requirements.
- C.** Make sure to have clean hands at all times when handling/touching Colortex™ panels.
- D.** To remove dust, use a vacuum. An angled nozzle end works best.
- E.** If a spill occurs on the material immediately dab area with a clean, damp cloth. Soap and water may also be used if necessary.
- F.** If further cleaning is required, a polyester carpet and fabric cleaner can also be used. Always test on an inconspicuous area first.
- G.** Never expose Colortex™ material to temperatures above 240° F.
- H.** Remove and replace work that cannot be successfully cleaned and repaired to permanently eliminate evidence of damage, including dented and bent units.

Support

Contacts

Contact your sales rep for any additional support.

Notices

Safety, Installation, Limitation, Liability

SAFETY

Safety First! Follow good safety/industrial hygiene practices during installation. Wear appropriate personal protective equipment. Read SDS and literature before specification and installation. Be cautious with exposed sharp edges when handling ceiling system components.

INSTALLATION

Prior to installation, make sure your project complies with any seismic & non-seismic requirements. Must be installed in compliance with ASTM C636, ASTM E580, utilizing standard industry practices and adopting applicable code requirements. Alternative assemblies and installation methods may be utilized when approved by the authority having jurisdiction. USG Ceiling Plus recommends checking with the authority having jurisdiction prior to designing and installing a suspended ceiling system.

LIMITATION

Some commercially acceptable color variation may occur between lots and between different size products of the same color.

LIABILITY

We shall not be liable for any incidental and consequential damages, directly or indirectly sustained, nor for any loss caused by application of these goods not in accordance with current printed instructions or for other than the intended use. Our liability is expressly limited to replacement of defective goods. Any claim shall be deemed waived unless made in writing to us within thirty (30) days from date it was or reasonably should have been discovered. This product is covered under the standard warranty for USG Ceilings Plus products. For terms and conditions please visit www.usg.com

