

**Armstrong®**  
World Industries

Details Make  
the Difference



Experience, Above All™

# Improve finished aesthetics with

Armstrong® Ceiling Solutions are pre-engineered with attention to detail to ensure you control the finished aesthetic of the ceiling and achieve your design intent.

On every project you will encounter some, if not all, of these common conditions. This guide features pre-engineered integrated solutions for each common condition.

We have compared our pre-engineered solutions to traditional construction methods, and presented the benefits to the design and build-out process. By using these integrated solutions, you will be able to specify and maintain the crisp, clean details you envision, while solving everyday challenges including sustainable and efficient solutions.



#### 4 Shade Pockets



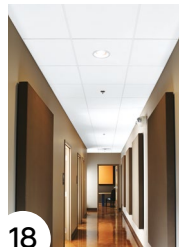
6 Light Coves



## 12 Soffits



**16**  FrameAll® Flat & Curved Drywall



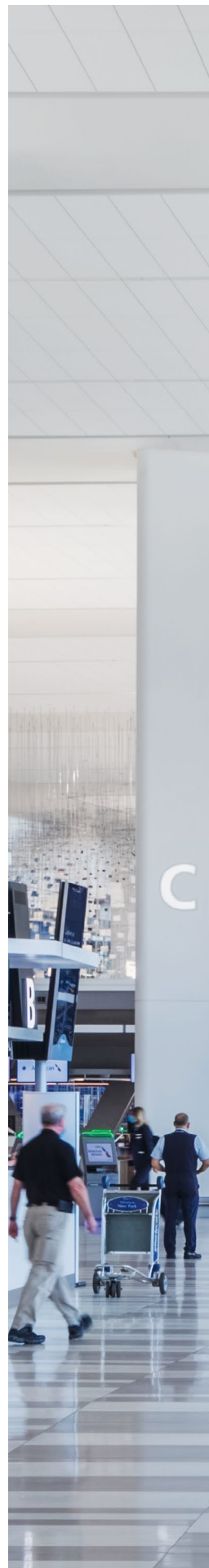
18 Corridors



20 Clouds, Lighting & Accessories



## 26 Transitions





Axiom® Classic Trim, CastWorks™ GFRC Architectural Forms, Optima® PB Panels



Axiom® Building Perimeter Shade Pocket

# Axiom® Building Perimeter Shade Pockets

Transitions between the building's interior perimeter and the ceiling plane can be challenging when traditional shade pockets are incorporated.

## Armstrong® Ceiling Solutions

### BENEFITS:

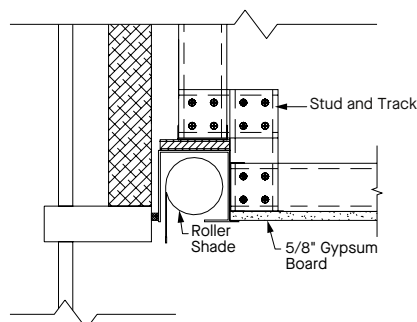
- Regains aesthetic control at the building perimeter
- Achieves quality control at the perimeter, reduces time required to detail and specify the integration of perimeter solutions
- Reduces risk associated with field-fabricated, labor-intensive accommodation of linear air distribution, window pockets, and ceiling elevation changes at the perimeter of a building
- Reduces embodied carbon by up to 80% compared to traditional framing

### FEATURES:

- Integrates with all Armstrong® acoustical and FrameAll® Drywall Grid
- Integrates drapery pockets, window shades, air distribution, and changes in ceiling elevation
- Installs 12 times faster than drywall pockets and twice as fast as traditional pockets
- Variety of options for manual, motorized, and pocketless applications at the perimeter

[View Master Details >](#)

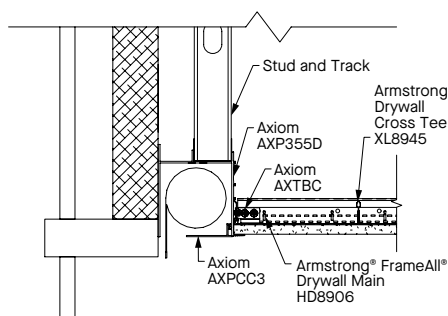
## Traditional Shade Pocket



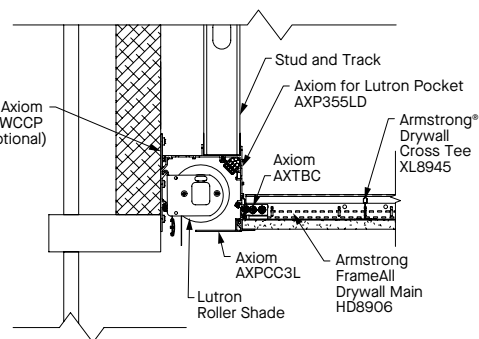
## Armstrong Ceiling Solutions

## Axiom® Building Perimeter Shade Pockets

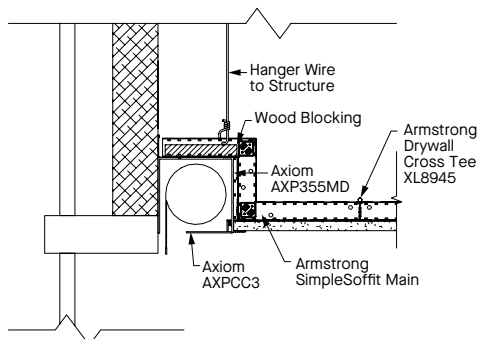
### Axiom AXP355 Pocket with FrameAll® Drywall Grid



### Axiom AXPWCCP Pocket for Lutron with FrameAll Drywall Grid



### Axiom AXP355 Pocket with SimpleSoffit® Framing System





# Axiom® Direct Light Coves

Axiom® extruded aluminum direct light coves offer low-plenum clearance and predictable lighting performance.

## Armstrong® Ceiling Solutions

### BENEFITS:

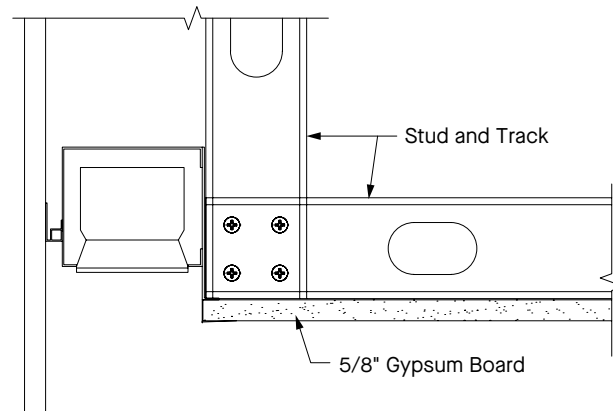
- Fully-concealed integrated design installs with all Armstrong® acoustical and drywall suspension systems
- Low-profile design with plug-and-play lighting for shallow-plenum corridors or entryways
- Integrated lighting partners make the complete solution easy to specify and maintain lighting symmetry
- Reduces embodied carbon by up to 80% compared to traditional framing

### FEATURES:

- Pre-engineered, extruded aluminum light cove profiles with integrated light fixture
- 4" × 4" and 4" × 6" direct light cove options available
- Installs 90% faster with just 10% of the labor of traditional light coves
- Designed to work with Armstrong linear lighting partners

[View Master Details >](#)

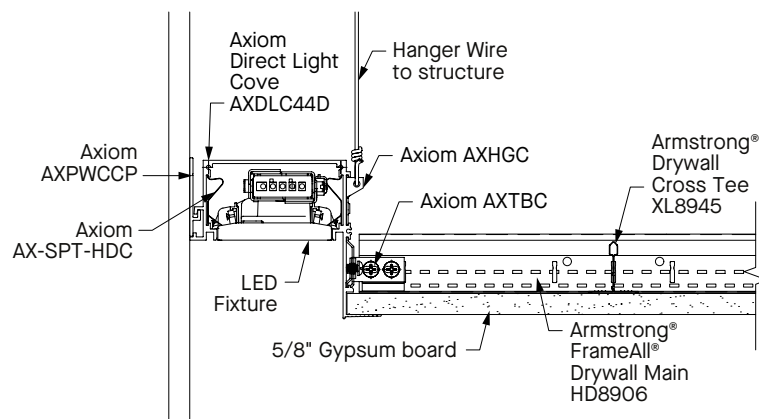
## Traditional Direct Light Cove



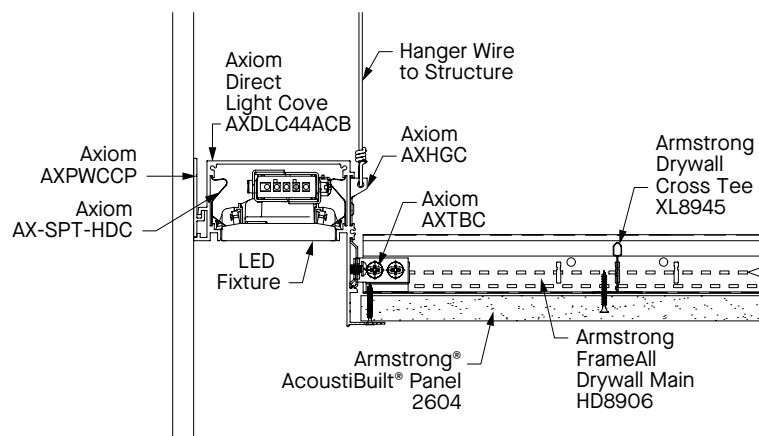
## Armstrong Ceiling Solutions

## Axiom® Direct Light Coves

### Axiom Direct Light Cove with FrameAll Drywall Grid and Drywall



### Axiom Direct Light Cove with FrameAll Drywall Grid and AcoustiBuilt® Seamless Acoustical Ceilings





# Axiom® Indirect Light Coves & Indirect Field Light Coves

Axiom® light coves are available in a variety of sizes with options allowing for predictable lighting performance in any space.

## Armstrong® Ceiling Solutions

### BENEFITS:

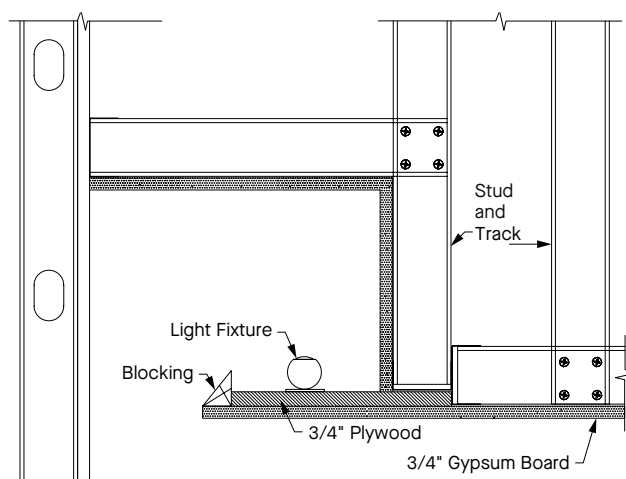
- Offer predictable lighting performance and perfect integration with all Armstrong® suspension systems and FrameAll® Drywall Grid
- Integrated lighting partners make the complete solution easy to specify and maintain lighting symmetry
- Reduces embodied carbon by up to 75% compared to traditional framing

### FEATURES:

- Variety of options with both ceiling-to-wall and ceiling-to-ceiling light coves and sizes
- Knife Edge® profile brings acoustical tile out to the edge of the cove
- Installs 90% faster with just 10% of the labor of traditional light coves

[View Master Details >](#)

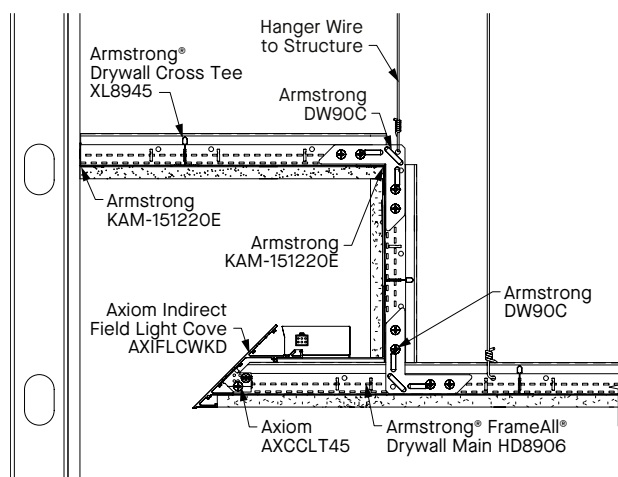
## Traditional Indirect Light Cove



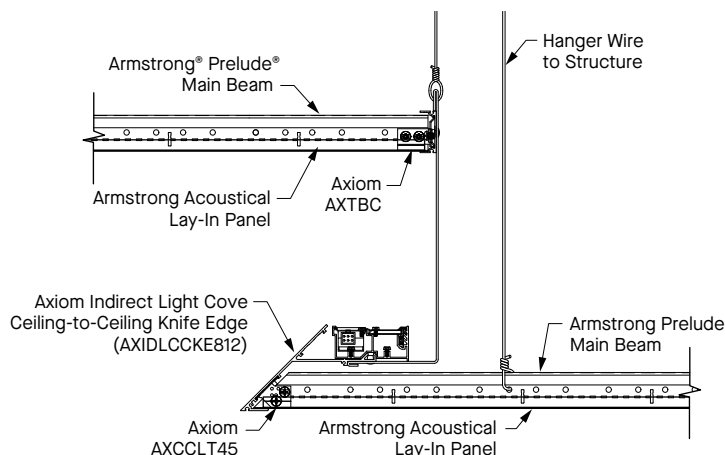
## Armstrong Ceiling Solutions

## Axiom® Indirect Light Cove and Indirect Field Light Coves

### Ceiling-to-Wall Indirect Field Light Cove, Knife Edge®



### Ceiling-to-Ceiling Indirect Light Cove, Knife Edge®





Drywall Grid Light Covers

# FrameAll® Drywall Grid System – Light Coves

FrameAll® solutions offer predictable load performance and more control over finished aesthetic than traditional framing.

## Armstrong® Ceiling Solutions

### BENEFITS:

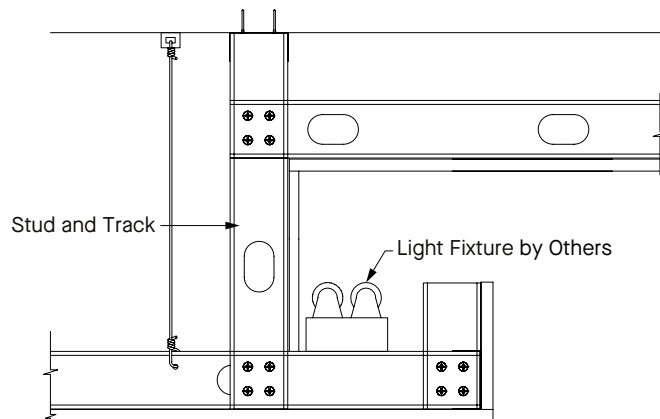
- Installation savings up to 75% compared to traditional framing
- Pre-engineered FrameAll Drywall Grid soffits are three times faster to install than traditional stud-and-track framing
- FrameAll Drywall Grid saves steel and significantly increases the modularization of the build process
- Reduces embodied carbon by up to 75% compared to traditional framing

### FEATURES:

- SimpleSoffit® framing provides precisely notched main beams that arrive ready-to-install and can be quickly clicked together
- FrameAll Drywall Grid is manufactured with additional rout locations to accommodate F-type light fixtures, access panels, and air diffusers
- Engineered for design control while providing a greener installation by reducing steel up to 25%
- Can be quickly field-modified to accommodate a vast array of soffit and step conditions

[View Master Details >](#)

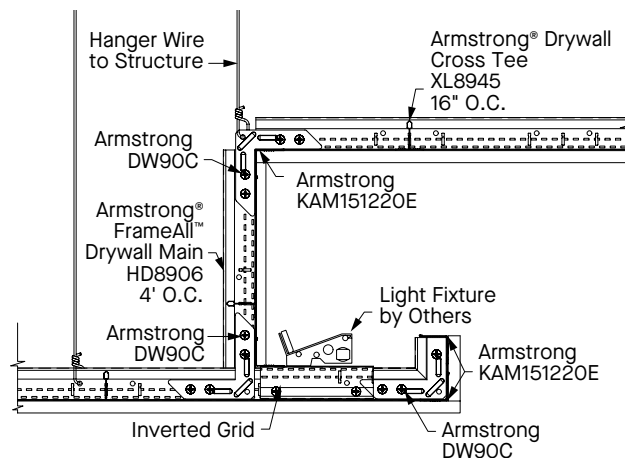
## Traditional Drywall Light Cove



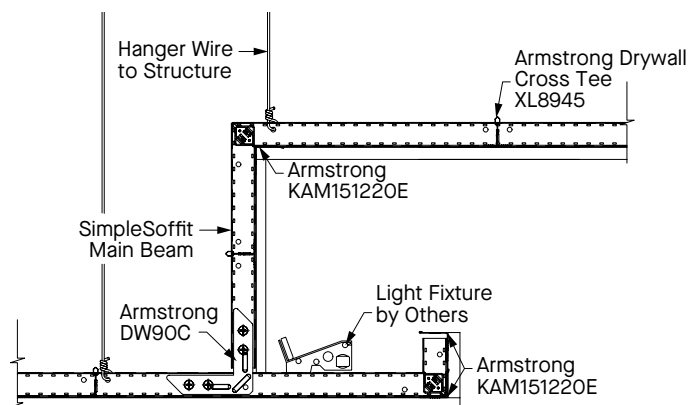
## Armstrong Ceiling Solutions

## Drywall Grid Light Cove

### FrameAll Drywall Grid



### SimpleSoffit® Framing





Drywall Grid System and SimpleSoffit® Framing System

# FrameAll® Drywall Grid System – 90° Soffits

L-Soffits constructed using FrameAll® Drywall Grid provide superior value in terms of predictability, performance, and control over finished aesthetic compared to traditional framing.

## Armstrong® Ceiling Solutions

### BENEFITS:

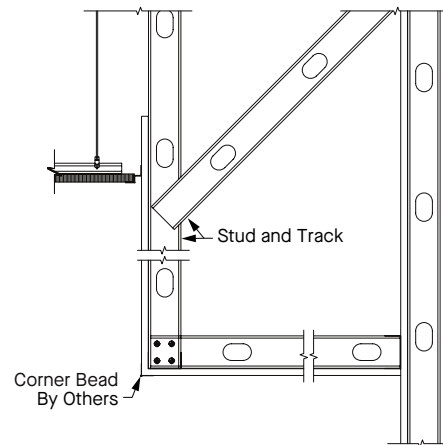
- Installation savings up to 75% compared to traditional framing
- Pre-engineered FrameAll Drywall Grid soffits are three times faster to install than traditional stud-and-track framing
- FrameAll Drywall Grid saves steel and significantly increases the modularization capabilities of the installation
- Reduces embodied carbon by up to 75% compared to traditional framing

### FEATURES:

- SimpleSoffit® framing provides precisely notched main beams that arrive ready to install and can be quickly clicked together
- Can be quickly field-modified to accommodate a vast array of soffit and step conditions

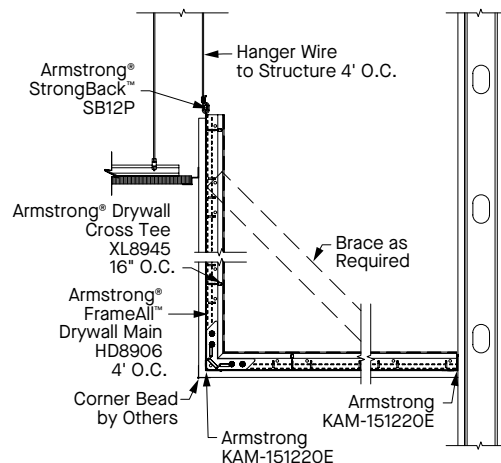
[View Master Details >](#)

## Traditional 90° Soffit

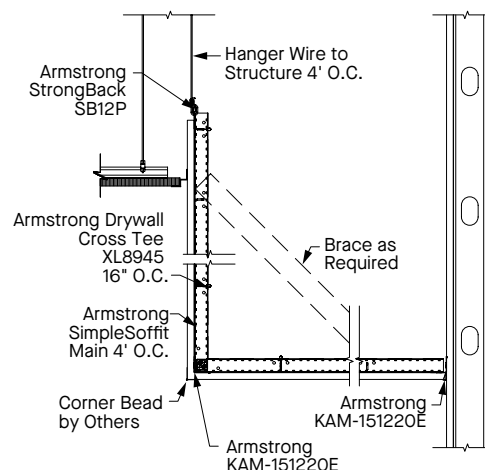


## Armstrong Ceiling Solutions 90° Soffit

### FrameAll® Drywall Grid



### SimpleSoffit Framing



# FrameAll® Drywall Grid System – Step Soffits

Step soffits, when constructed using FrameAll® drywall grid, offer superior performance and control over finished aesthetic compared to traditional framing.

## Armstrong® Ceiling Solutions

### BENEFITS:

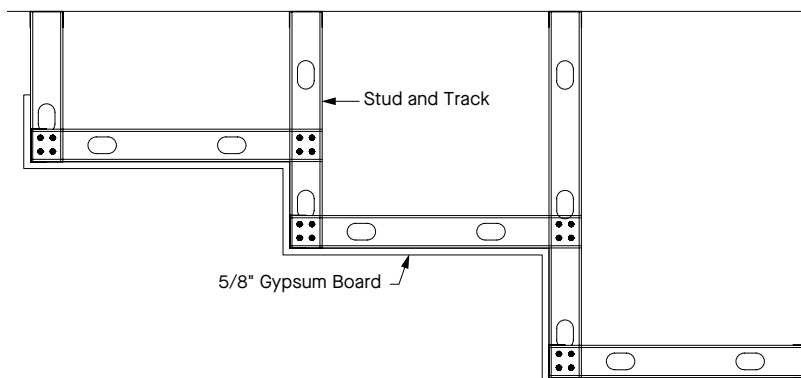
- Installation savings up to 75% compared to traditional framing
- Pre-engineered FrameAll Drywall Grid soffits are three times faster to install than traditional stud-and-track framing
- FrameAll® Drywall Grid saves steel and significantly increases the modularization of the build process
- Reduces embodied carbon by up to 70% compared to traditional framing

### FEATURES:

- SimpleSoffit® framing provides precisely notched main beams that arrive ready to install and can be quickly clicked together
- Engineered for design control while providing a greener installation by reducing steel up to 25%
- Can be quickly field-modified to accommodate a vast array of soffit and step conditions
- Armstrong® FrameAll® Drywall Grid saves steel and significantly increases the modularization of the build process

[View Master Details >](#)

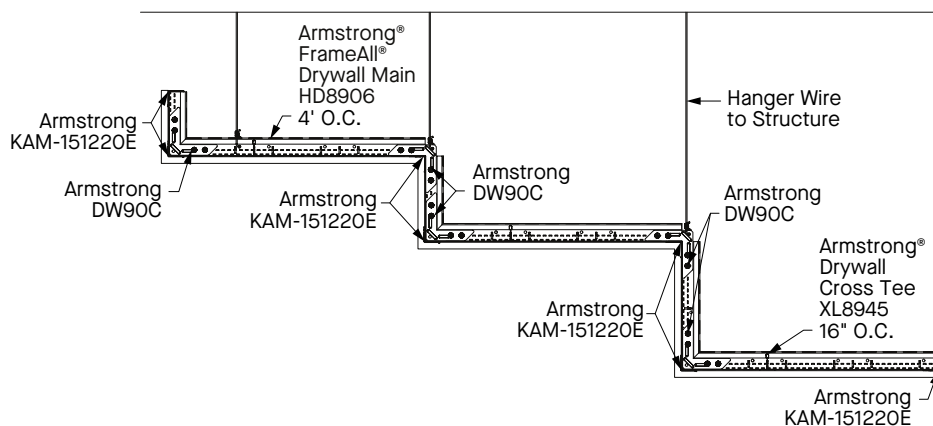
## Traditional Step Soffit



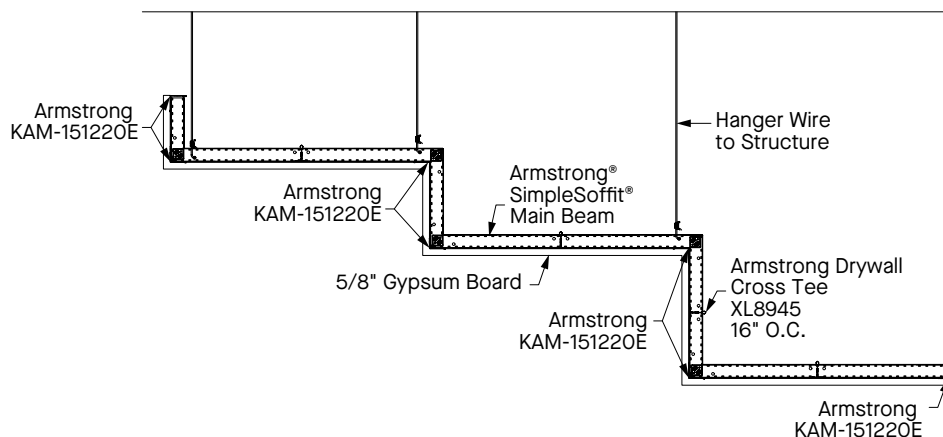
## Armstrong Ceiling Solutions

## Step Soffit

### FrameAll Drywall Grid



### SimpleSoffit® Framing



# FrameAll® Drywall Grid System – Box Framing

FrameAll® Drywall Grid provides improved visuals and more predictable load performance compared to traditional framing for your box and U-soffit designs.

## Armstrong® Ceiling Solutions

### BENEFITS:

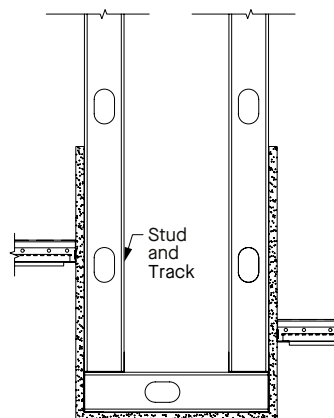
- Installation savings up to 75% compared to traditional framing
- Pre-engineered FrameAll Drywall Grid soffits are three times faster to install than traditional stud-and-track framing
- FrameAll® Drywall Grid saves steel and significantly increases the modularization of the build process
- Reduces embodied carbon by up to 75% compared to traditional framing

### FEATURES:

- SimpleSoffit® framing provides precisely notched main beams that arrive ready to install and can be quickly clicked together
- Forms perfect 30°, 45°, 60°, 75°, and 90° angles
- Flattened bulb is offset to allow true angles without interference
- Engineered for design control while providing a greener installation by reducing steel up to 25%
- Can be quickly field-modified to accommodate a vast array of soffit and step conditions

[View Master Details >](#)

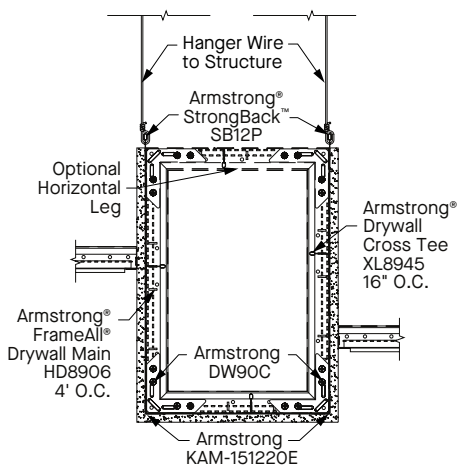
## Traditional Soffit



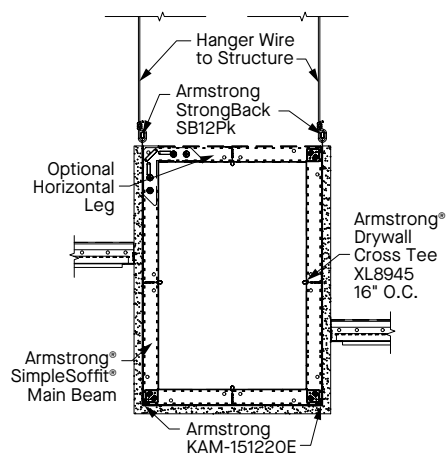
## Armstrong Ceiling Solutions

## Soffit

### FrameAll Drywall Grid



### SimpleSoffit® Framing





Curved Drywall Grid System with RC2 Clips

# FrameAll® Drywall Grid System – Flat & Curved Drywall Ceilings

FrameAll® solutions in flat ceiling design offer predictable load performance and more control over the visual vs. traditional framing.

## Armstrong® Ceiling Solutions

### BENEFITS:

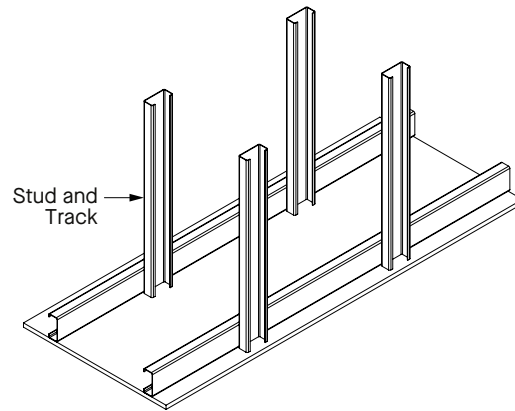
- Installation savings up to 75% compared to traditional framing
- Ultimate control of the curve – expand your design beyond traditional pre-selected or pre-determined radii
- Simplify the design of corridors, small room configurations, restrooms, and storage closets
- Engineered to use less steel than traditional drywall ceiling framing methods
- Using FrameAll Drywall Grid reduces framing height
- Reduces embodied carbon by up to 60% compared to traditional framing

### FEATURES:

- Create custom radii to suit any design by combining our pre-notched main beam with our RC2 clip
- Engineered for design control while providing a greener installation by reducing steel up to 15%

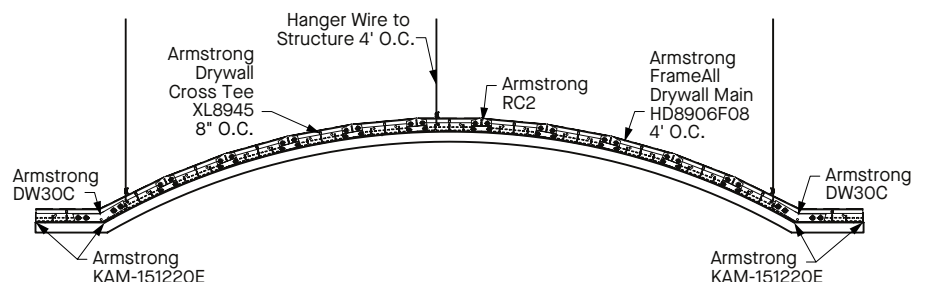
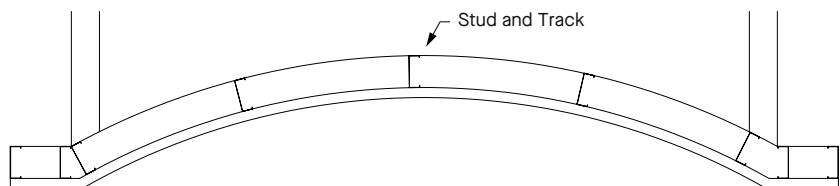
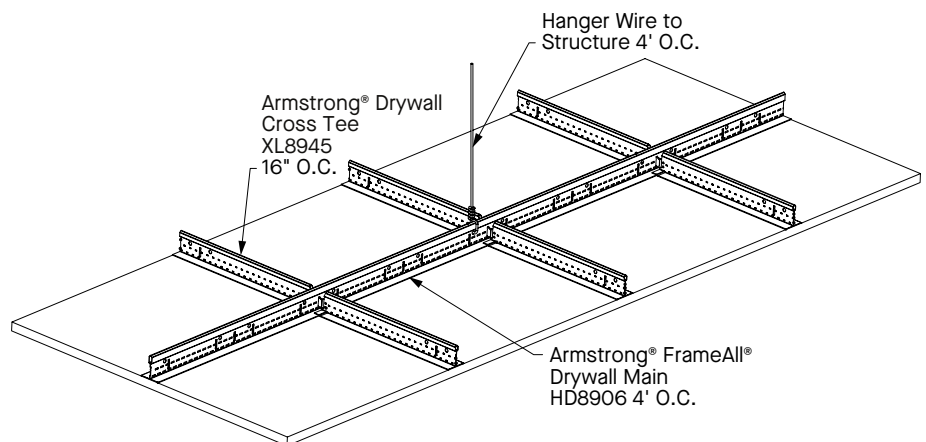
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## Traditional Flat Drywall



## Armstrong Ceiling Solutions

## FrameAll Drywall Grid System for Flat and Curved Drywall





SingleSpan™ Acoustical Corridor System with Calla® Ceiling Panels

# SingleSpan™ Acoustical Corridor Suspension System & ShortSpan® Drywall Corridor System

Crowded or low plenums can be a challenge when designing due to many important components running above the ceiling plane, especially within healthcare applications.

## Armstrong® Ceiling Solutions

### SINGLESPAN™

#### BENEFITS:

- SingleSpan reduces or eliminates hanger wires – perfect for healthcare/education spaces with crowded plenums
- SingleSpan provides improved access to utilities in the plenum post installation

#### FEATURES:

- SingleSpan structural wall angle maximizes the load-carrying performance
- SingleSpan and ShortSpan have been seismically tested, IAPMO and ICC-ES code-compliant

### SHORTSPAN®

#### BENEFITS:

- ShortSpan supports spans up to 9'-0" with no mid-span support (cross tees every 16" O.C.)

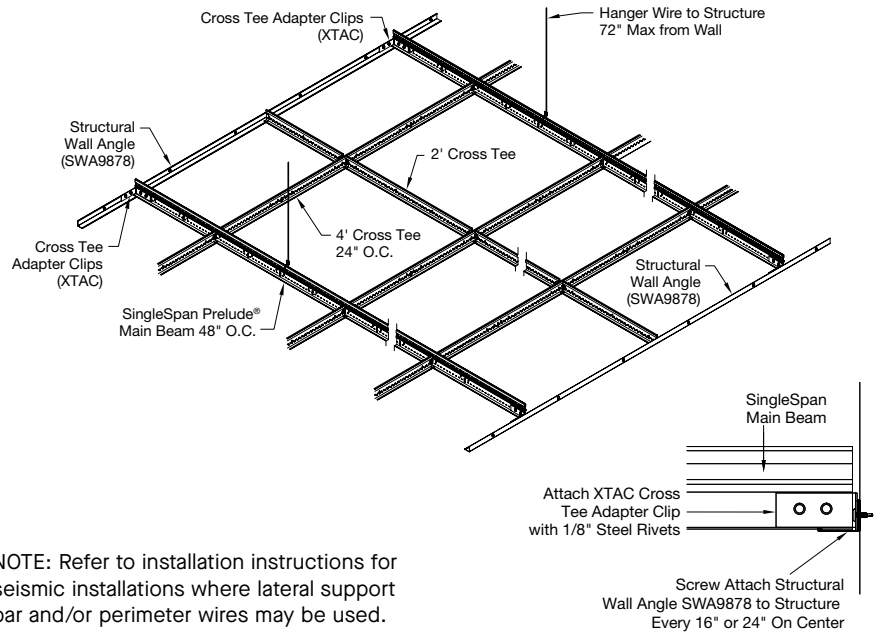
#### FEATURES:

- ShortSpan StrongBack™ SB12 can be used for spans beyond 9'-0"
- Locking Angle Molding – LAM12 has pre-engineered locking tabs punched 8" O.C. – frame 16" or 24" O.C.

[View Master Details >](#)

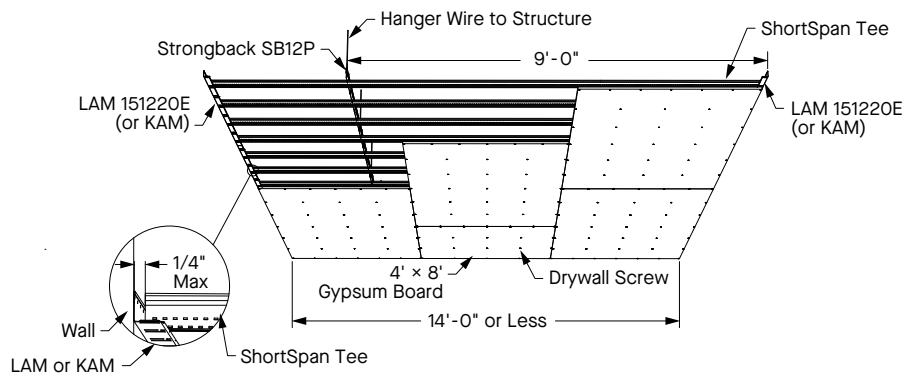
## Armstrong Ceiling Solutions

## SingleSpan Acoustical Corridor Suspension System

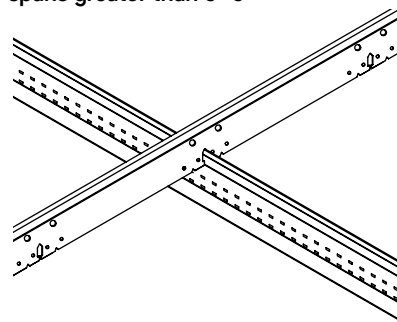


## Armstrong Ceiling Solutions

## ShortSpan Drywall Grid Framing System



StrongBack used for spans greater than 9'-0"





Formations™ Acoustical Cloud Kits

# Acoustical and Drywall Clouds

Make a bold statement in signature areas without the hassle, cost, and risk associated with custom installations. Whether you choose standard or custom, the grid, trim, and hanging components come pre-cut and ready to go in a kit.

## Armstrong® Ceiling Solutions

### BENEFITS:

- Ideal for exposed structure areas to reduce reverberation time, reduce noise levels, and increase speech intelligibility
- Clouds appear to float and provide a clean, contemporary look with consistent fit and finish
- Kits install 55% faster than stick built clouds – no field painting or modifications

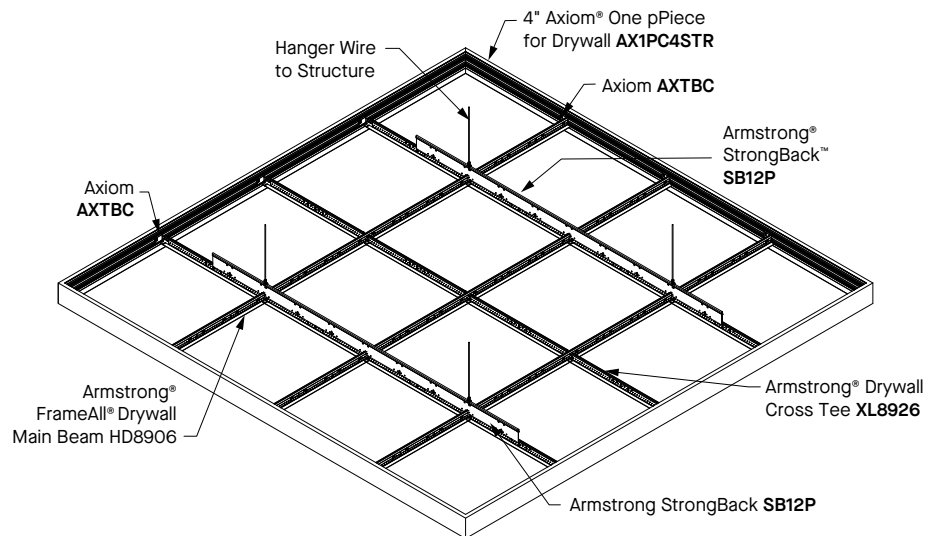
### FEATURES:

- Variety of options – including configurations, panels, sizes, trim color, lighting, and applications
- Kits come complete with our proven support hanger carrying channel, which eliminates 40% of the cables – minimizing visible wires
- Wide range of standard Axiom® trim and suspension system colors adds a custom look

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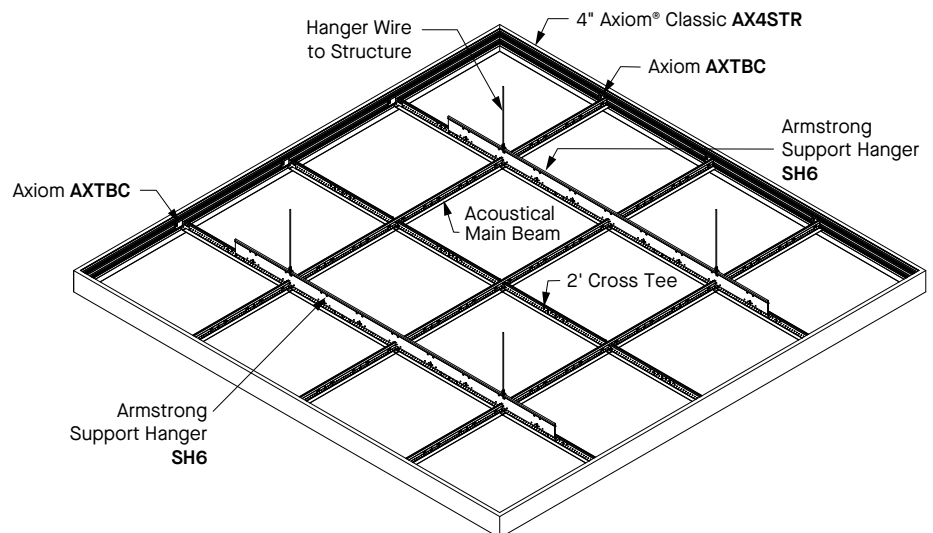
## Armstrong Ceiling Solutions

### Formations™ Drywall Cloud Kit



## Armstrong Ceiling Solutions

### Formations Acoustical Cloud Kits





Linear Lighting with Calla® Health Zone™

# Linear Lighting

Deliver your vision of perfectly symmetrical continuous or discontinuous linear lighting, using factory-finished acoustical ceiling panels and suspension systems or our Drywall Grid System.

## Armstrong® Ceiling Solutions

### BENEFITS:

- Pre-engineered to seamlessly integrate linear lighting on center with the grid line
- Factory-finished panels and suspension system
- Zero independent suspension for lighting fixtures
- Perfectly-placed runs of light create ceiling layouts to fit your building design
- Light installs from below

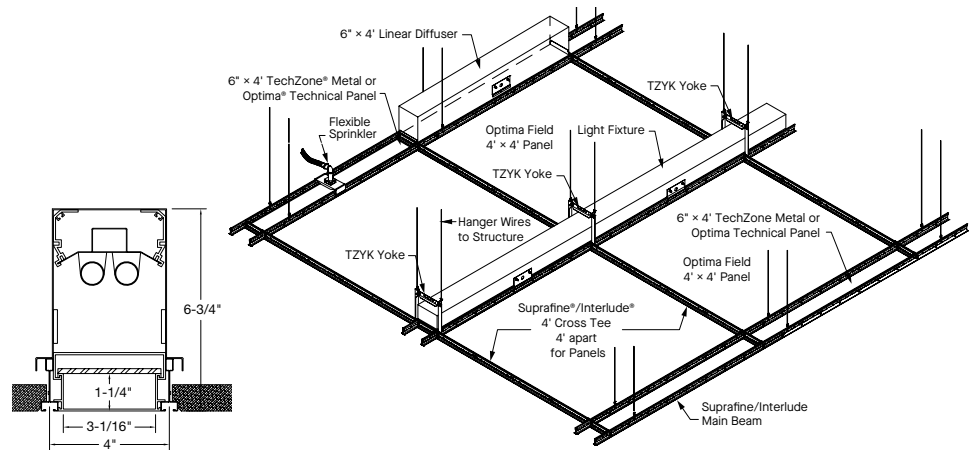
### FEATURES:

- Seamless integration between drywall ceilings and linear lighting
- Leverage long runs of light to create a monolithic look
- Varying lengths and on-center spacing true to design intent

[View Master Details >](#)

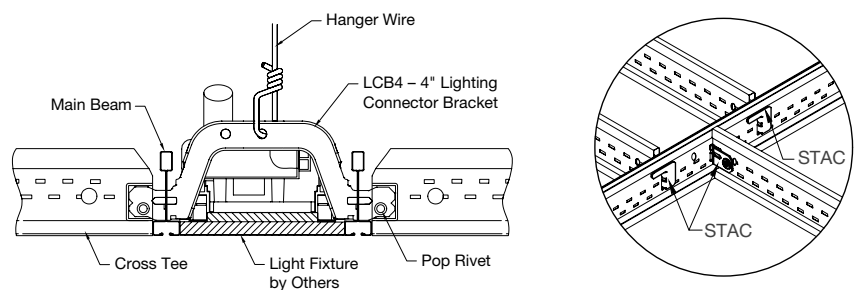
## Traditional

## Tech Zone® Lighting



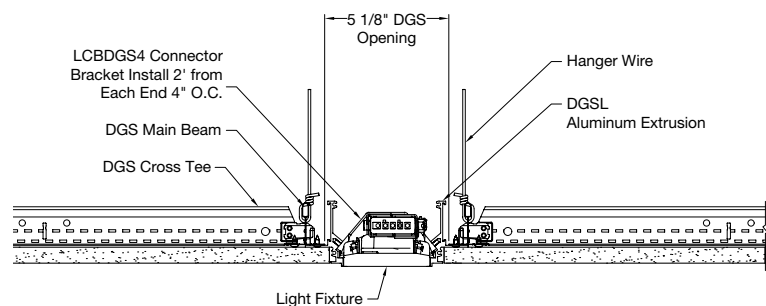
## Armstrong Ceiling Solutions

## On-Center Linear Lighting – Acoustical

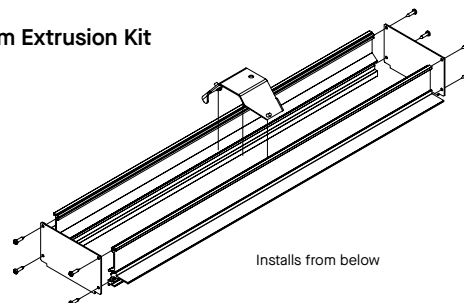


## Armstrong Ceiling Solutions

## Linear Lighting – FrameAll® Drywall



### DGSL Aluminum Extrusion Kit



# Seismic Wall Molding Connection (BERC2 Clip)

Traditionally, unsightly 2" wall angle has been used to facilitate movement, while using pop rivets for finishing.

## Armstrong® Ceiling Solutions

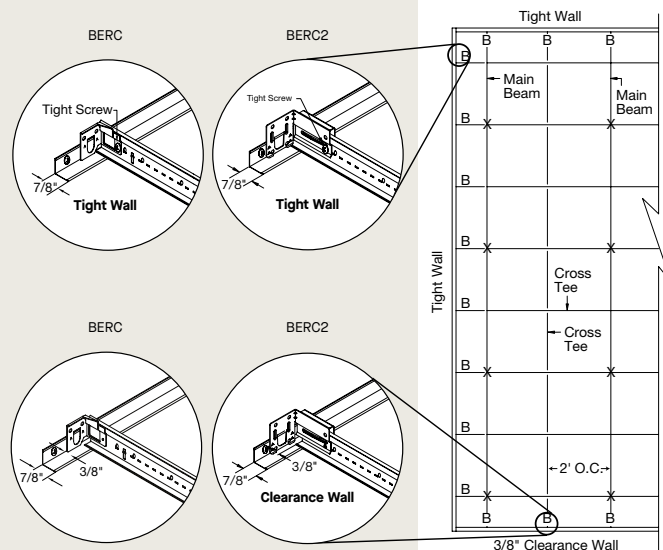
### BENEFITS:

- Create a code compliant seismic C, D, E, F ceiling installation, while eliminating the need to use 2" wall molding
- No visible pop rivets required on fixed walls
- No perimeter stabilizer bars required

### FEATURES:

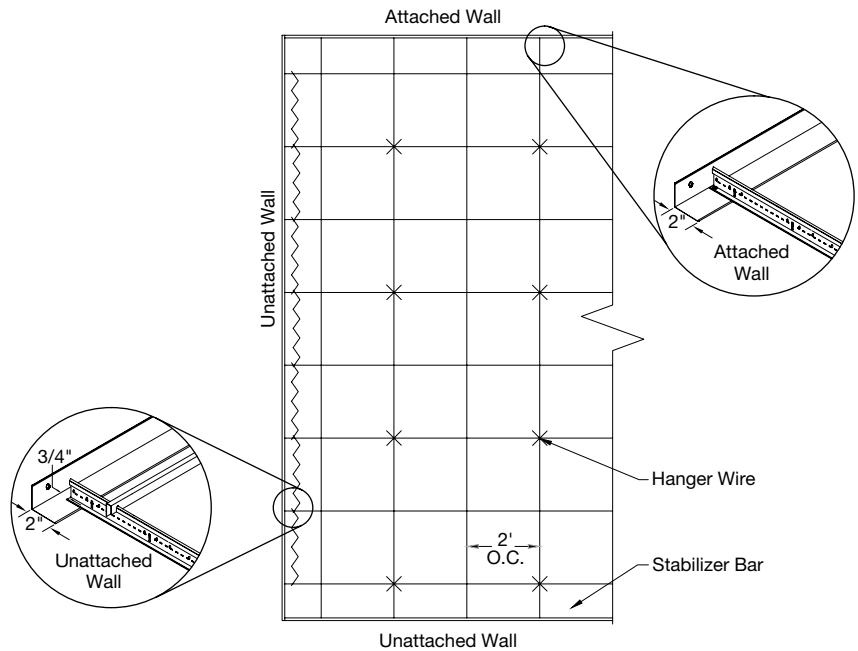
- 7/8" wall angle instead of 2" wall angle
- No uneven appearance with 7/8" wall angle
- Code approved with ESR reports

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## Traditional

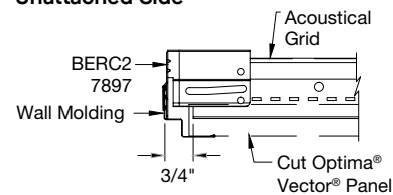
## Seismic Wall Molding Connection



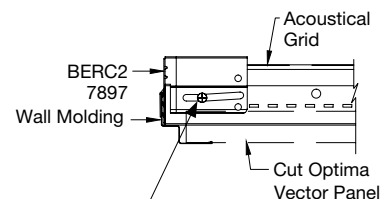
## Armstrong Ceiling Solutions

## Seismic Wall Molding Connection (BERC2 Clip)

### Unattached Side



### Attached Side



NOTE: BERC2 Clip attached to grid with screw

X Hanger Wire  
B BERC or BERC2 Clip

# Wall Molding, Clips, & Accessories

Attaching main beams and cross tees to wall molding can create unsightly finished visuals at the perimeter and do not lock with grid causing shifts to happen after installation.

## Armstrong® Ceiling Solutions

### GCWA BENEFITS:

- Join any main beam or cross tee to a wall molding via integral locking barbs without any visible pop rivets or screws
- Eliminate visible fastening at wall molding for improved visual
- Integrates with suspension system – eliminating guesswork

### STAC BENEFITS:

- Create strong, code compliant, non-seismic and seismic C, D, E, F off-module main beam to cross tee connections
- Perfectly square installation
- Consistent fit and finish at connection points of layout

### GCWA FEATURES:

- Clips are made and ready to use through our FastShip™ clips and accessories program
- Securely attaches main beams and cross tees to perimeter
- Compatible with 15/16" and 9/16" Acoustical Suspension Systems

### STAC FEATURES:

- Off-module tees are tight and grid installation is square at each connection
- Use STAC everywhere you do not have an opposing cross tee connection
- Meets seismic code

[View Master Details >](#)

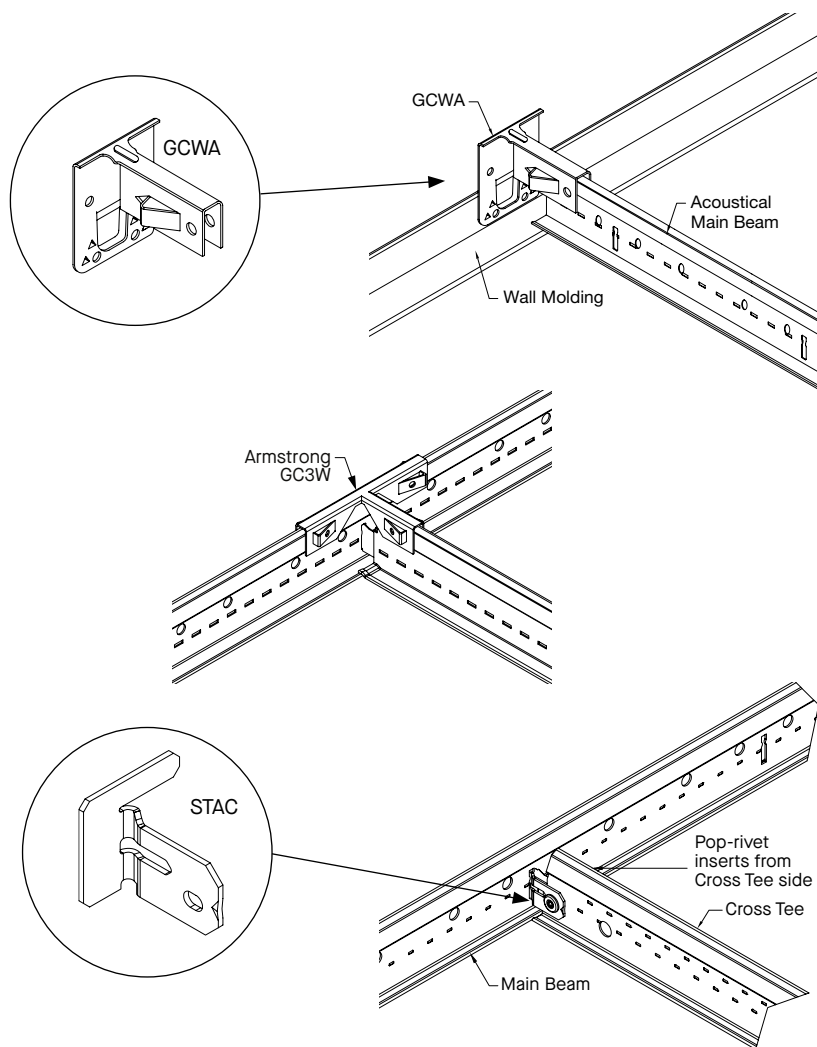
## Traditional

## Wall Molding Connection



## Armstrong Ceiling Solutions

## Wall Molding – GCWA and STAC Clip





# Axiom® & Steel Flush Transitions

Transition between two ceilings planes at the same height.

## Armstrong® Ceiling Solutions

- Minimize trade coordination with 40% faster installation time
- Can eliminate stud framing to structure

### STEEL BENEFITS:

- Steel transitions are factory painted to match Armstrong® Acoustical Suspension Systems
- Fewer parts and pieces; integrates Acoustical Molding with a Drywall Taping Flange
- Eliminates a vertical drywall return at the transition

### AXIOM® BENEFITS:

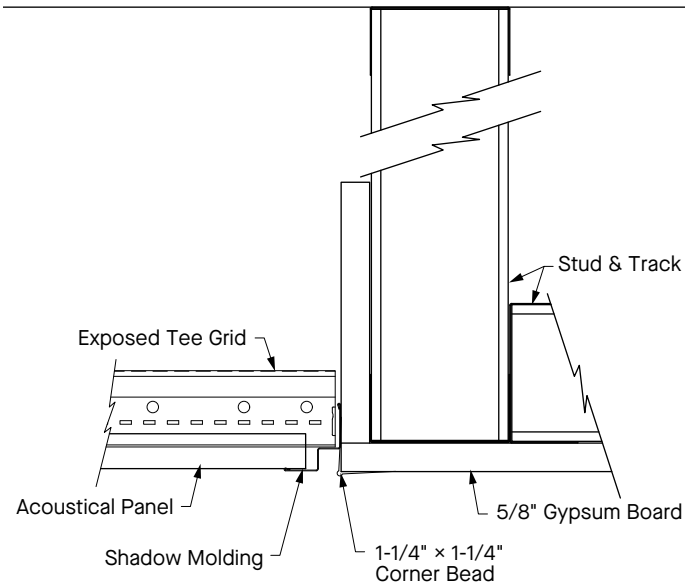
- Axiom aluminum trim provides more crisp-edge detailing compared to conventional roll-formed steel systems
- Axiom acoustical-to-drywall transitions are available straight and curved for perfect fit and finish every time
- Axiom is part of the Sustain™ portfolio and meets the most stringent sustainability compliance standards today

### FEATURES:

- Accommodates acoustical-to-acoustical, acoustical-to-drywall, and drywall-to-drywall
- Axiom can be straight or curved
- Compatible with Armstrong® Suspension Systems and Drywall Grid Systems

[View Master Details >](#)

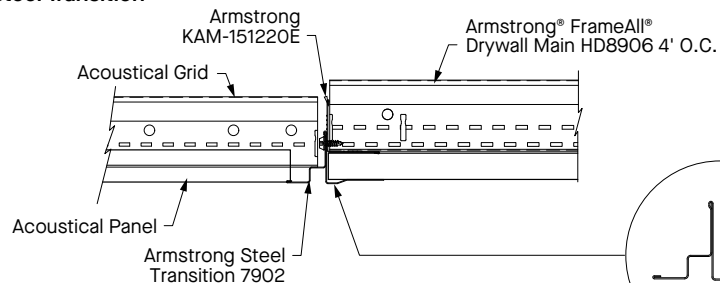
## Traditional Flush Transition



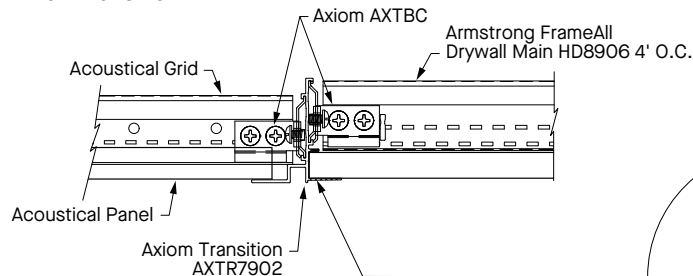
## Armstrong Ceiling Solutions

## Flush Transition

### Steel Transition



### Axiom Transition



# Axiom® Straight & Curved Flush Transitions

Axiom® straight and curved flush transitions can be used in place of a bulkhead when transitioning between two ceiling systems or changing ceiling system direction.

## Armstrong® Ceiling Solutions

### BENEFITS:

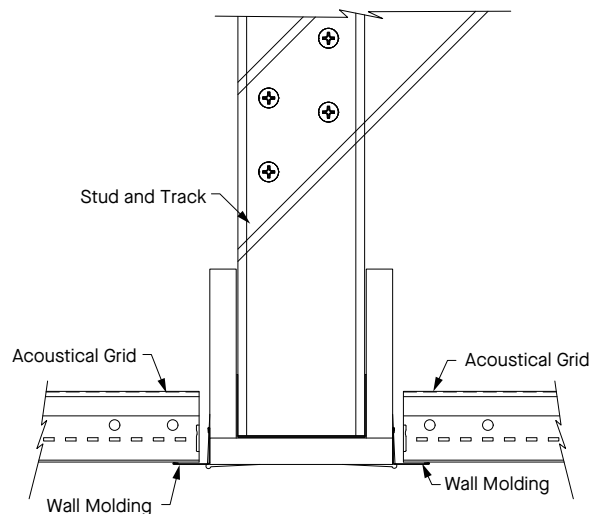
- Improved aesthetics
- Axiom aluminum trim provides more crisp-edge detailing compared to traditional stud framing bulkhead
- Axiom acoustical-to-drywall transitions are available straight and curved for perfect fit and finish every time
- Axiom is part of the Sustain™ portfolio and meets the most stringent sustainability compliance standards today

### FEATURES:

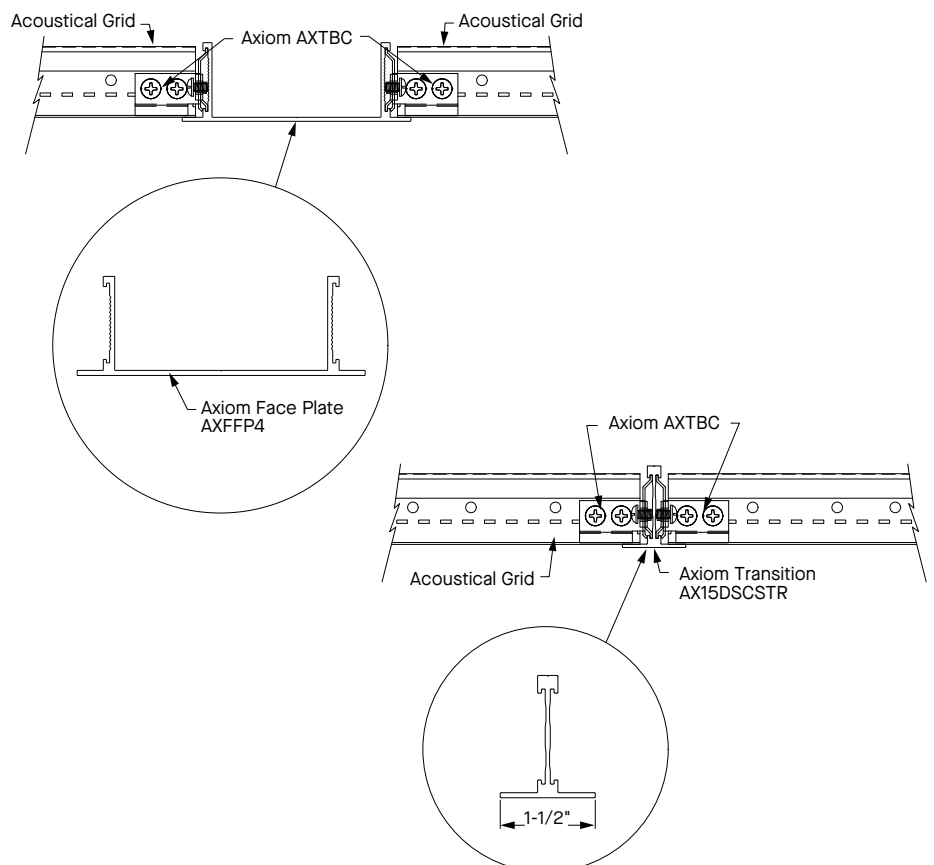
- Transition from acoustical to acoustical without dropping a stud
- Available in 1-1/2", 4", or 6" (1-1/2" used to change direction in hallways/corridors)
- Used to transition between intersecting ceiling systems or to transition between two different types of ceilings
- Acoustical-to-acoustical transitions only

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## Traditional Field Transition



## Armstrong Ceiling Solutions Field Transition



# Axiom® & Steel F-Molding Transitions

F-Molding creates drywall height transitions without stud-and-track framing, eliminating the unsightly visual.

## Armstrong® Ceiling Solutions

- Minimize trade coordination with 40% faster installation time

### AXIOM® BENEFITS:

- Axiom aluminum trim provides more crisp-edge detailing compared to traditional stud and drywall framing
- Axiom acoustical-to-drywall transitions are available straight and curved for perfect fit and finish every time
- Axiom is part of the Sustain™ portfolio and meets the most stringent sustainability compliance standards today

### STEEL BENEFITS:

- Steel transitions are factory-painted to match Armstrong® acoustical suspension systems
- Roll-formed steel with integrated mud flange – saves time, material, and labor on vertical transitions
- Fewer parts and pieces; integrates acoustical molding with a drywall taping flange
- Eliminates a vertical drywall return at the transition
- New 3-5/8" capabilities

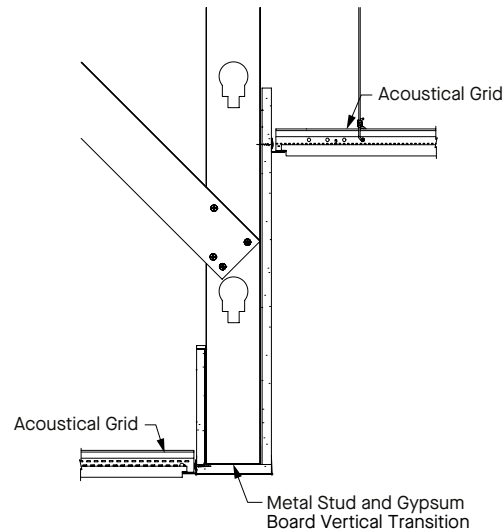
### FEATURES:

- Accommodates acoustical-to-acoustical, acoustical-to-drywall, drywall-to-drywall, and drywall-to-acoustical configurations
- Compatible with Armstrong® suspension systems and FrameAll Drywall Grid

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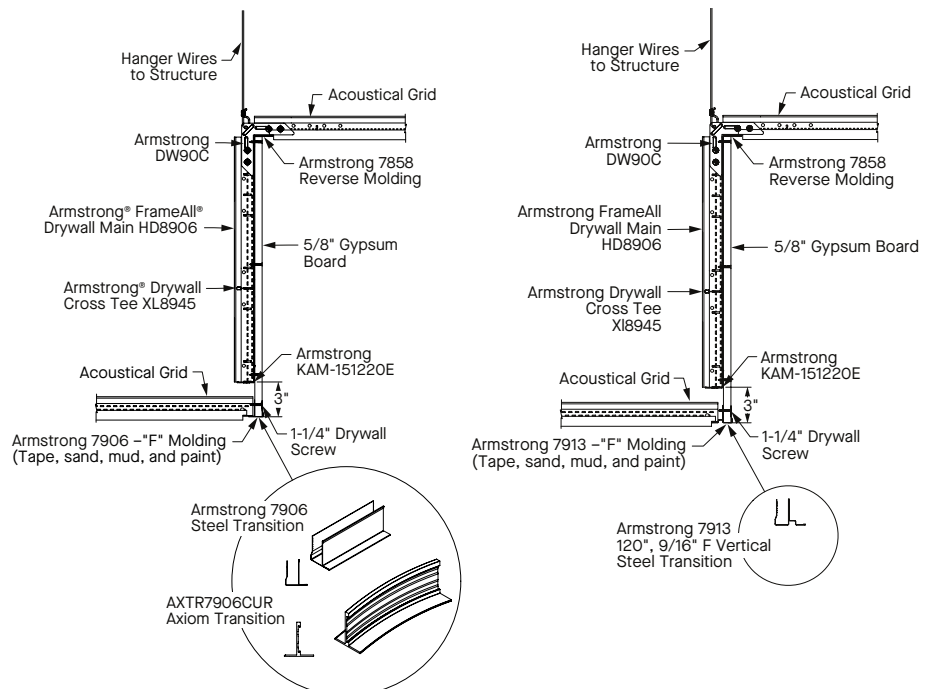
## Traditional

## Upturn Transition



## Armstrong Ceiling Solutions

## F-Molding Transitions Greater Than 10"





# Axiom® Straight & Curved Transitions (1"–12" Elevation Change)

Axiom® transitions are used in place of a bulkhead when there is a height transition less than 12".

## Armstrong® Ceiling Solutions

### BENEFITS:

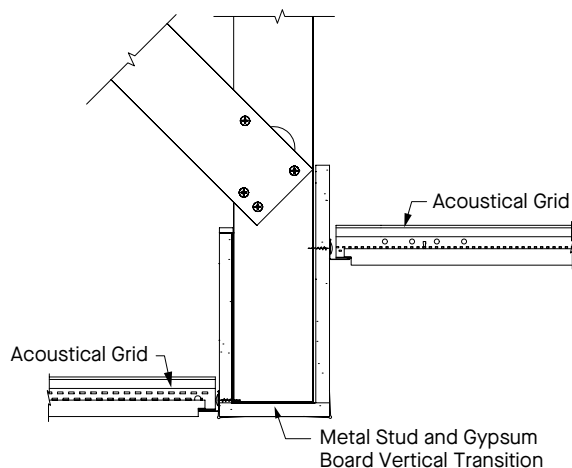
- Improved visual with up to 40% savings of installation time
- Axiom® transitions create a smooth transition between drywall and suspended ceilings (mineral fiber, metal, or wood)
- Axiom aluminum trim provides more crisp-edge detailing compared to traditional stud and drywall framing
- Axiom is part of the Sustain™ portfolio and meets the most stringent sustainability compliance standards today
- Axiom acoustical-to-drywall transitions are available straight and curved for perfect fit and finish every time

### FEATURES:

- Axiom® Vector® trim is available straight only for use with full-size Vector panels (field-cutting Vector panels can be avoided)
- Elevation change accommodates acoustical-to-acoustical, acoustical-to-drywall, and drywall-to-drywall height transitions of 1", 2", 4", 6", 8", and 10" and 12"
- Compatible with Armstrong® suspension systems and FrameAll® Drywall Grid

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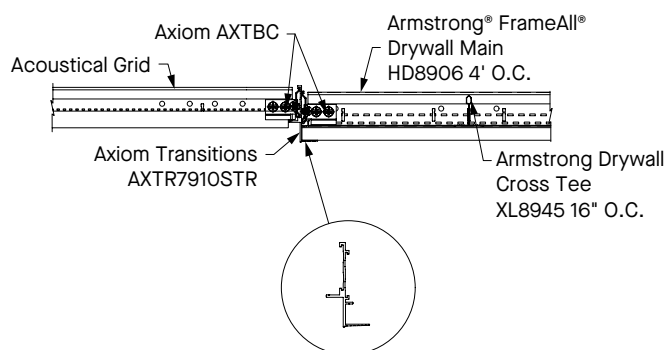
## Traditional Transition (Elevation Change)



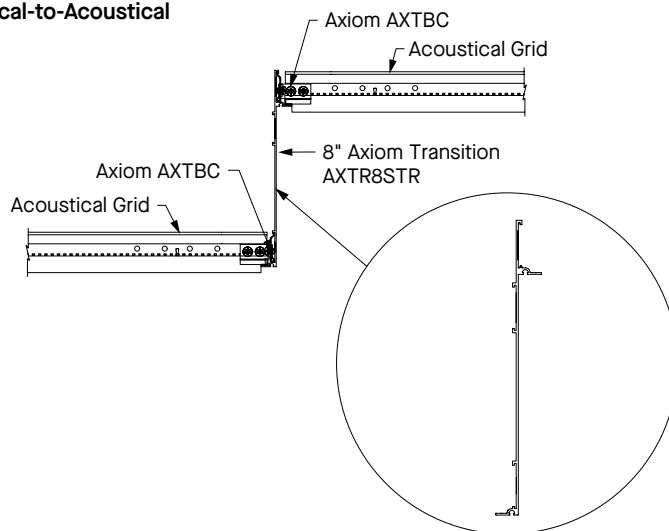
## Armstrong Ceiling Solutions

## Straight or Curved Transitions (1" to 12" Elevation Change)

### Acoustical-to-Drywall



### Acoustical-to-Acoustical



NOTE: Axiom Transitions are available in Custom Curves

# Take the Next Step

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Cover photo:  
Axiom® Classic Trim,  
AcoustiBuilt® Seamless  
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and SimpleSoffit®  
Drywall Framing

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