DETAILS
Make the Difference

Inspiring Great Spaces®

Armstrong®
CEILING SOLUTIONS

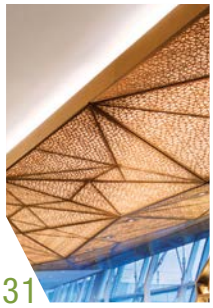
Improve finished aesthetics with PRE-ENGINEERED Solutions

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 offered by Armstrong Ceilings 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 for your installers.

DETAILS
– make the –
DIFFERENCE



Axiom® Building Perimeter
Shade Pocket

Axiom® Building Perimeter Shade Pockets

When it comes to shade pockets for the perimeter of an application, trying to accomplish the transition between the interior of a building's perimeter and the ceiling plane can be challenging.

Armstrong® Ceilings

BENEFITS:

- Regain aesthetic control at the building perimeter
- Achieve quality control at the perimeter, reduce time required to detail and specify the integration of perimeter solutions
- Reduce risk associated with field fabricated, labor-intensive accommodation of air distribution, window pockets, and ceiling elevation changes at the perimeter of a building

FEATURES:

- Works with drywall and acoustical suspension systems like no other pocket for perfect fit and finish
- 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

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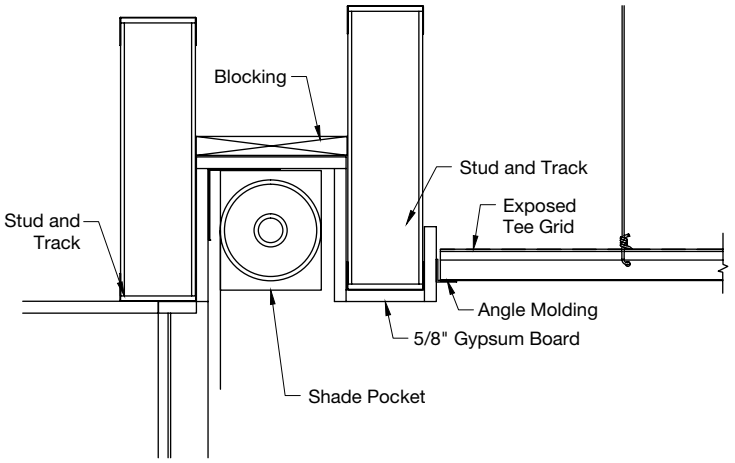
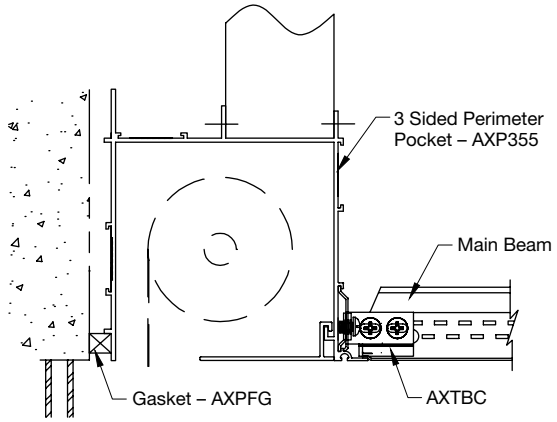
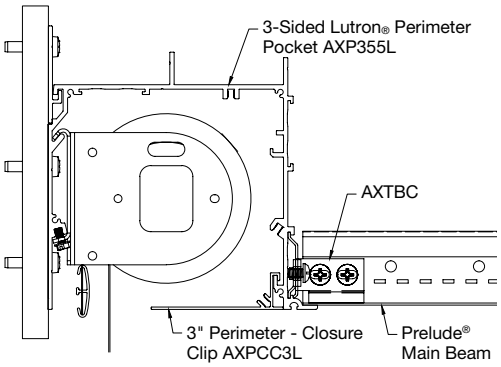
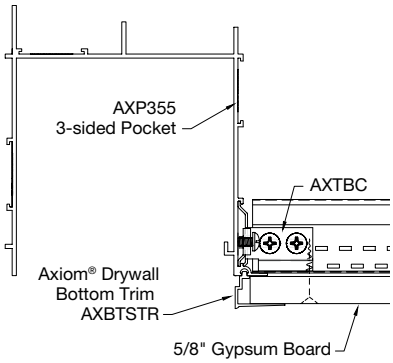
Traditional Shade Pocket



Armstrong Ceilings Axiom Building Perimeter Shade Pockets







Axiom® Transitions – Acoustical-to-Drywall Elevation Change

Flush Transition

Transition between two ceilings planes at the same height.

Armstrong® Ceilings

BENEFITS:

- Extruded aluminum trim provides more crisp edge detailing compared to conventional roll-formed steel systems
- 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, drywall-to-drywall, and drywall-to-acoustical
- Available in extruded aluminum and stainless steel transition options. Extruded Aluminum can be straight or curved
- Compatible with Armstrong suspension systems and Drywall Grid Systems

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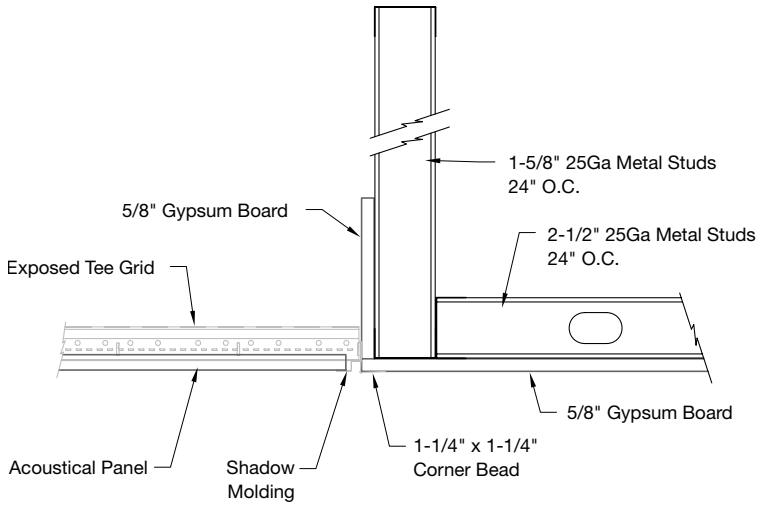
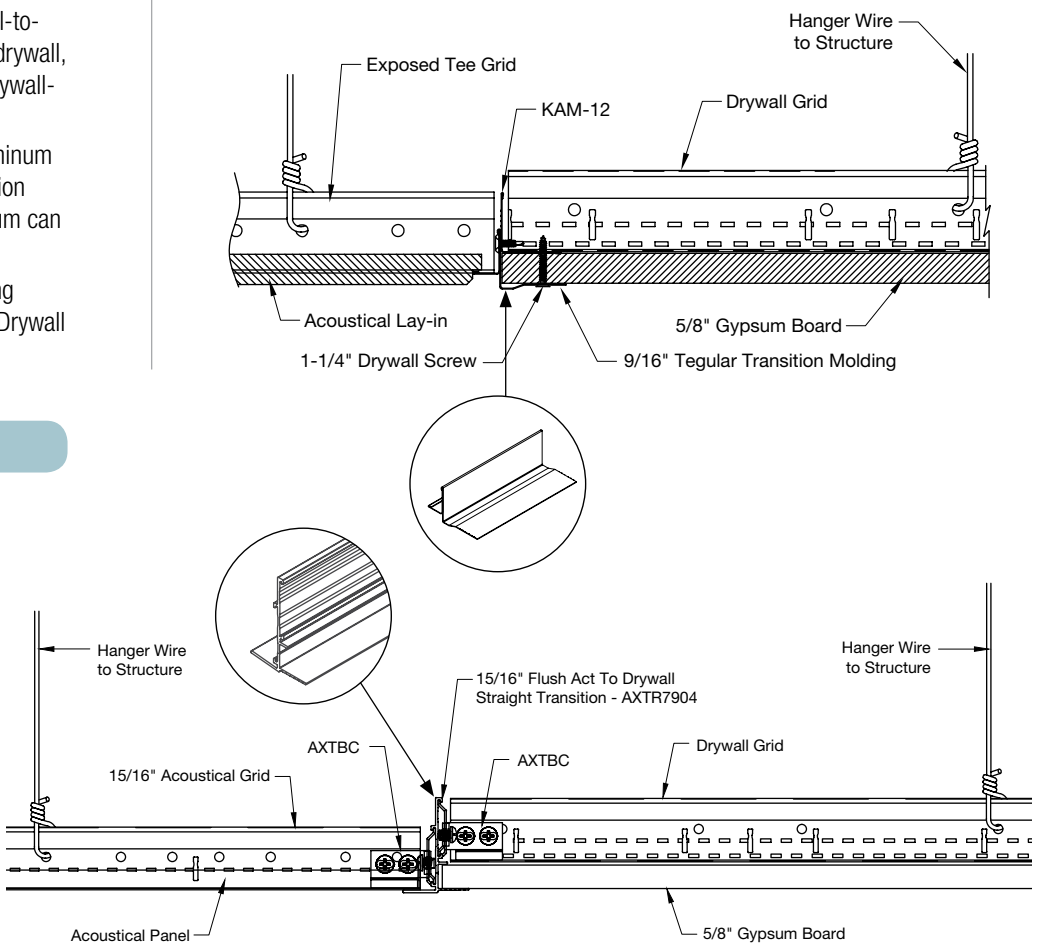
Traditional Flush Transition



Armstrong Ceilings Flush Transitions



Field Transition

Used in place of a bulkhead when you are transitioning between two ceiling systems or changing ceiling system direction.

Armstrong® Ceilings

BENEFITS:

- Extruded aluminum trim provides more crisp edge detailing compared to conventional roll-formed steel systems
- 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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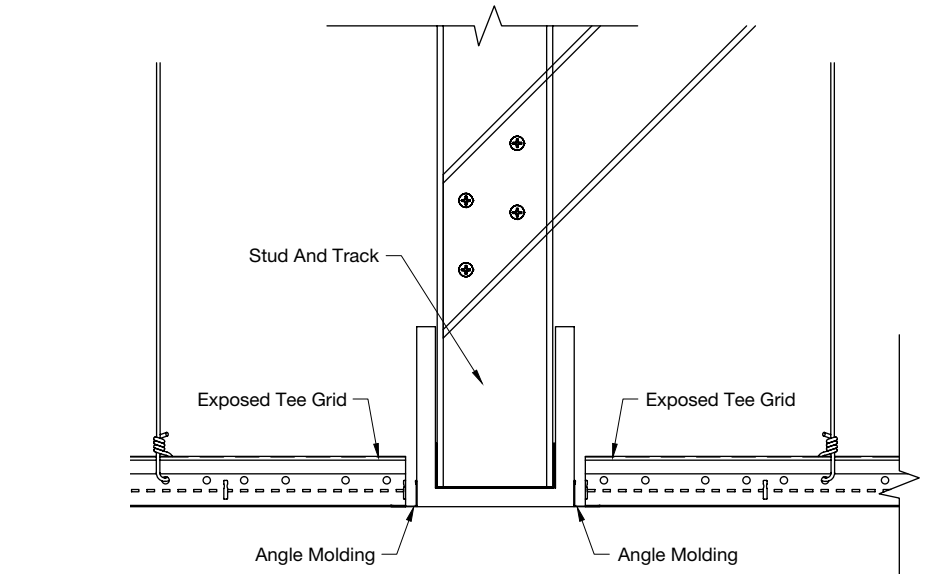
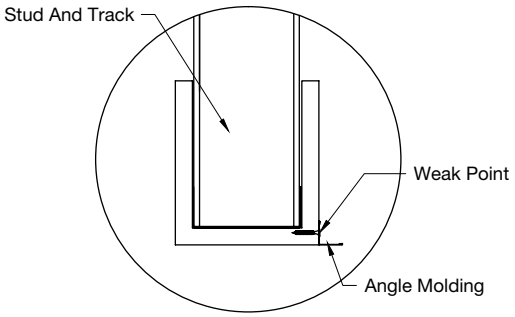
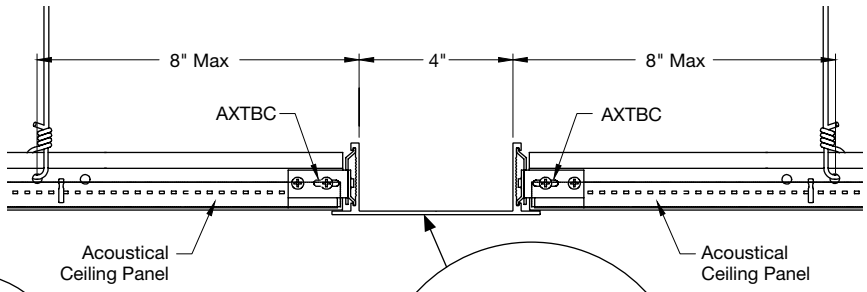
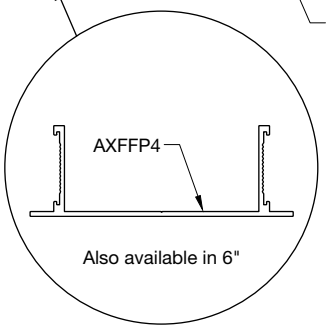
Traditional Field Transition

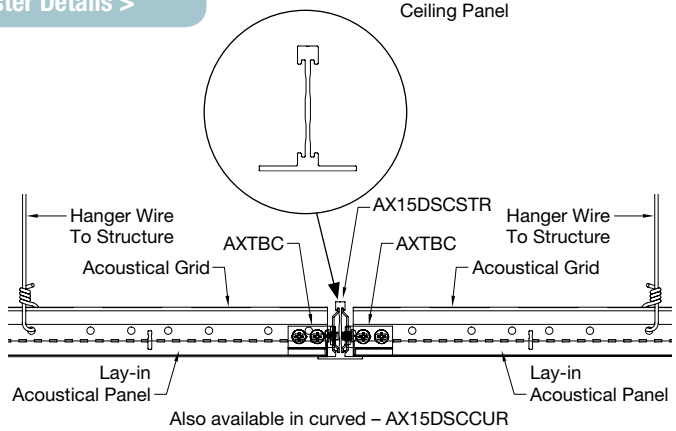




Armstrong Ceilings Field Transition







Also available in curved – AX15DSCCUR

Straight or Curved Transitions (1" to 10" Elevation Change)

Axiom® Transitions are used in place of a bulkhead when there is a height transition less than 10".

Armstrong® Ceilings

BENEFITS:

- Create a smooth transition between drywall and suspended ceilings (mineral fiber, metal, or wood)
- Extruded aluminum trim provides more crisp edge detailing compared to conventional roll-formed steel systems
- Axiom is part of the Sustain™ portfolio and meets the most stringent sustainability compliance standards today
- Acoustical-to-Drywall Transitions are available straight and curved for perfect fit and finish every time

FEATURES:

- Axiom® Vector® 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, drywall-to-acoustical, drywall-to-drywall height transitions of 1", 2", 4", 6", 8", and 10"
- Compatible with Armstrong suspension systems and Drywall Grid Systems

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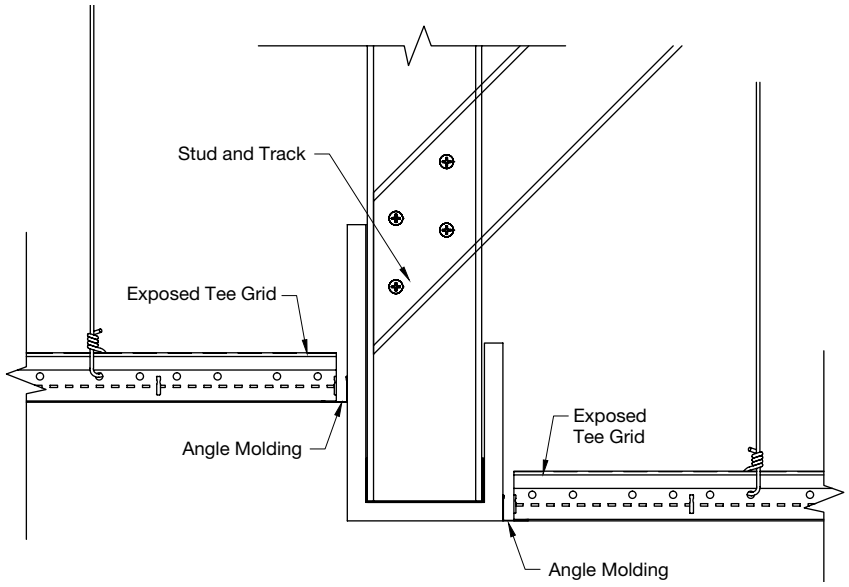
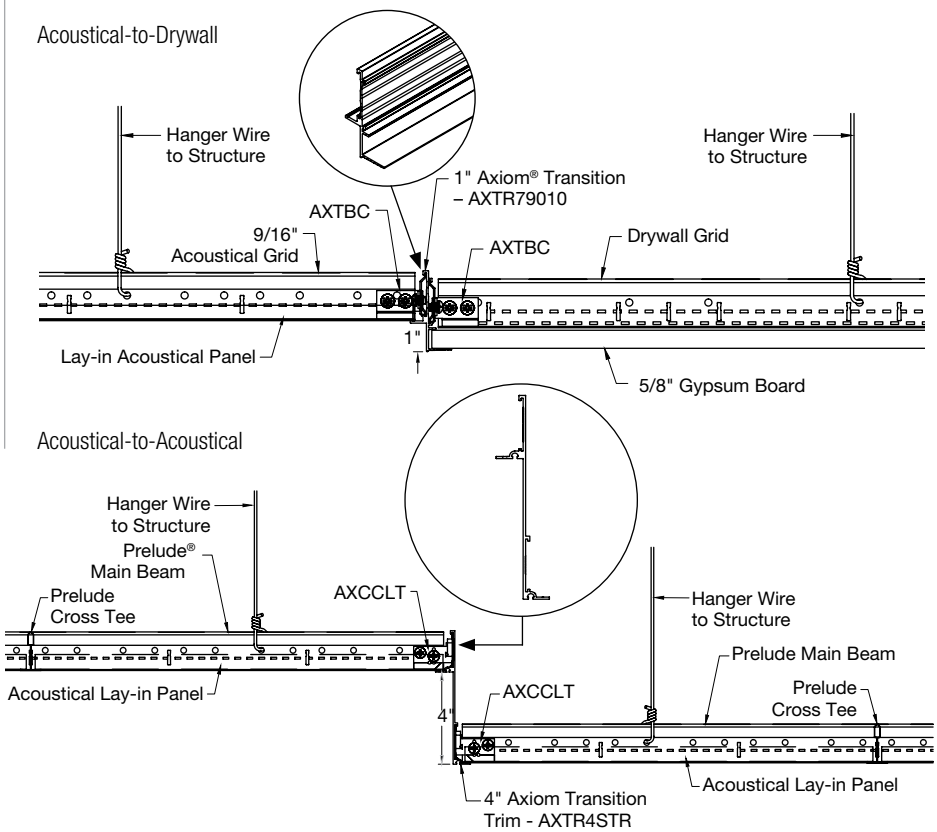
Traditional Transition (Elevation Change)



Armstrong Ceilings Straight or Curved Transitions (1" to 10" Elevation Change)



F-Molding Transitions Greater Than 10"

F-Molding Transitons are for drywall height transitions greater than 10" and can be 48" without dropping a stud.

Armstrong® Ceilings

BENEFITS:

- Rolled formed steel with integrated mud flange – saving time, material and labor on vertical transitions
- Gypsum board vertical return up to 48"

FEATURES:

- Accommodates acoustical-to-acoustical, acoustical-to-drywall, drywall-to-drywall, and drywall-to-acoustical
- Height transitions of greater than 10" with f-molding
- Compatible with Armstrong suspension systems and Drywall Grid Systems

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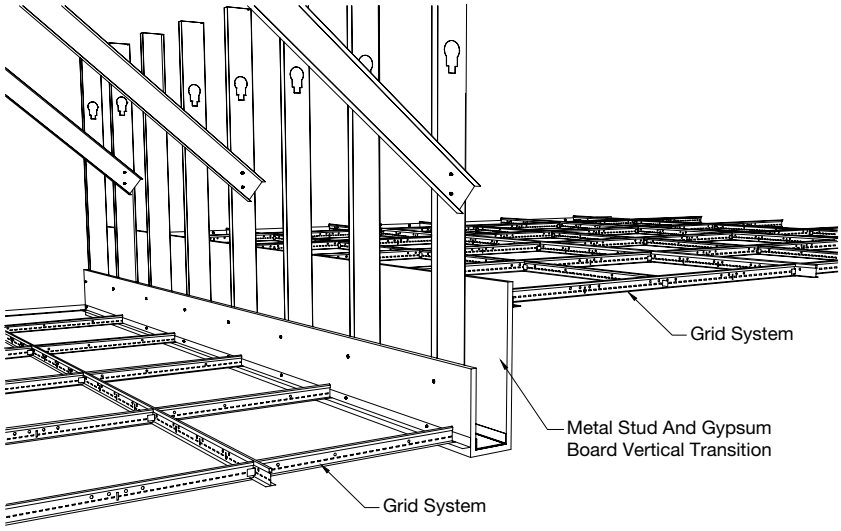
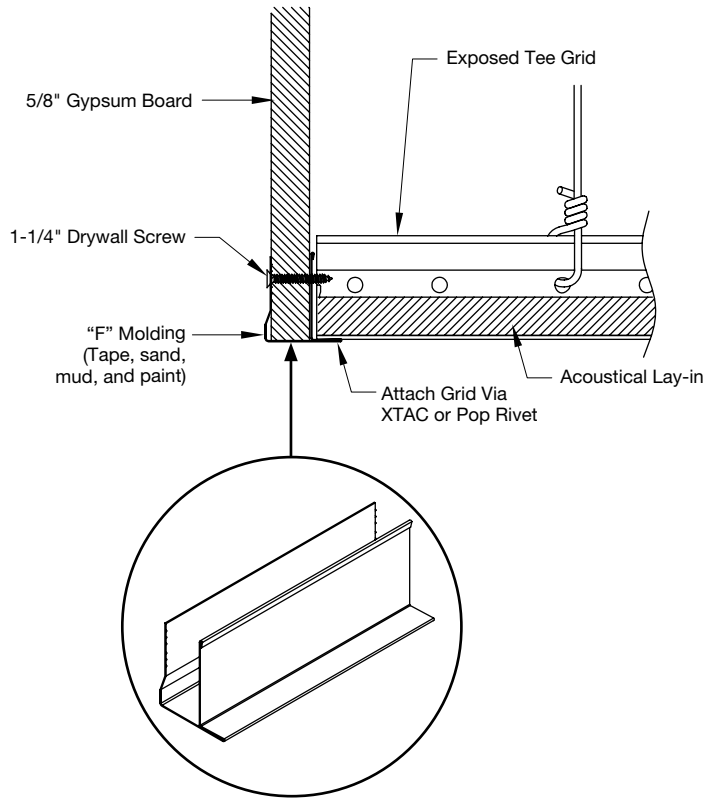
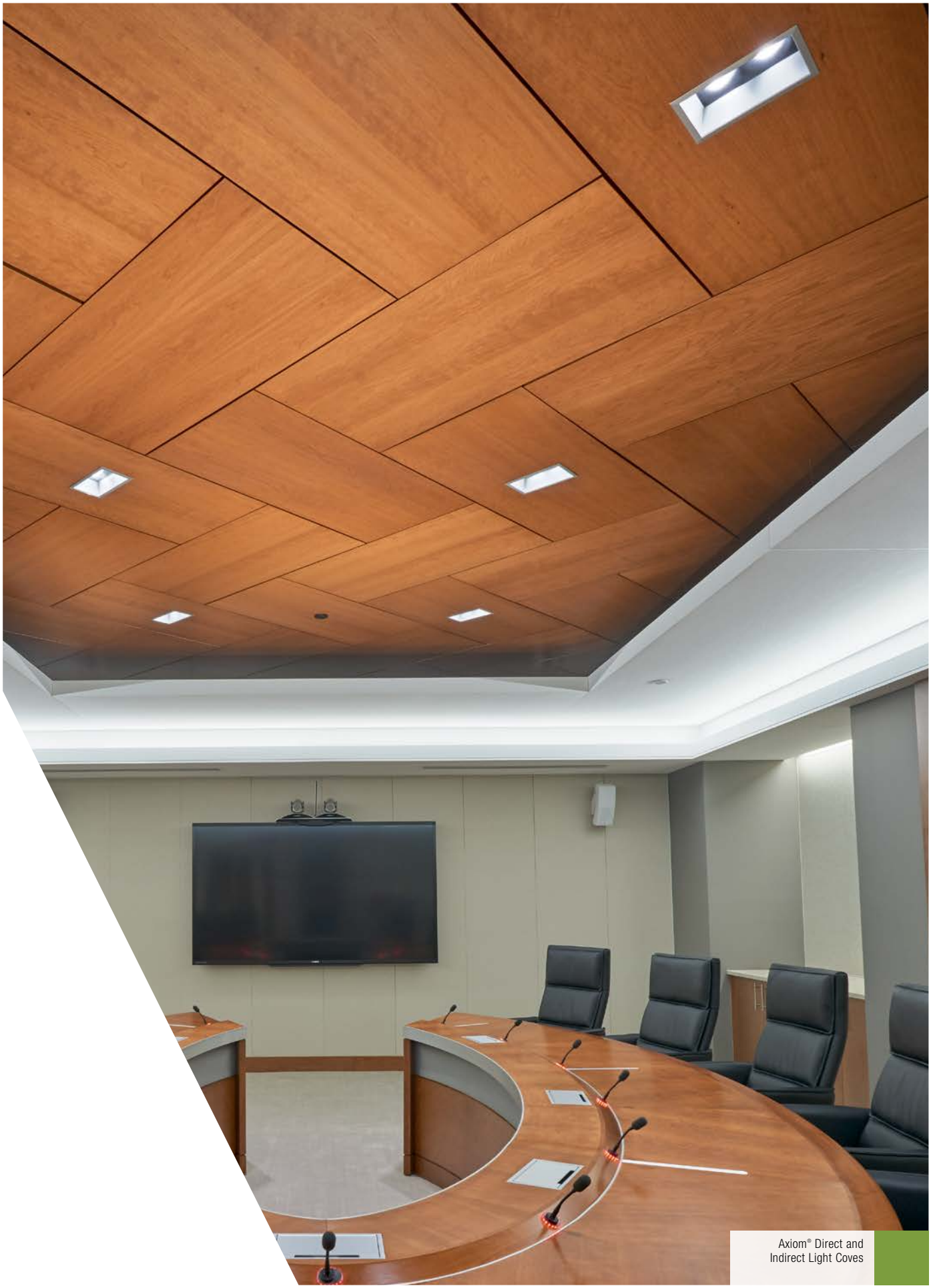
Traditional Upturn Transition



Armstrong Ceilings F-Molding Transitions Greater Than 10"





Axiom® Direct and
Indirect Light Coves

Axiom® Direct Light Coves

Axiom extruded aluminum direct light coves offer ultra-low plenum clearance, predictable lighting performance, and perfect integration with all Armstrong suspension systems.

Armstrong® Ceilings

BENEFITS:

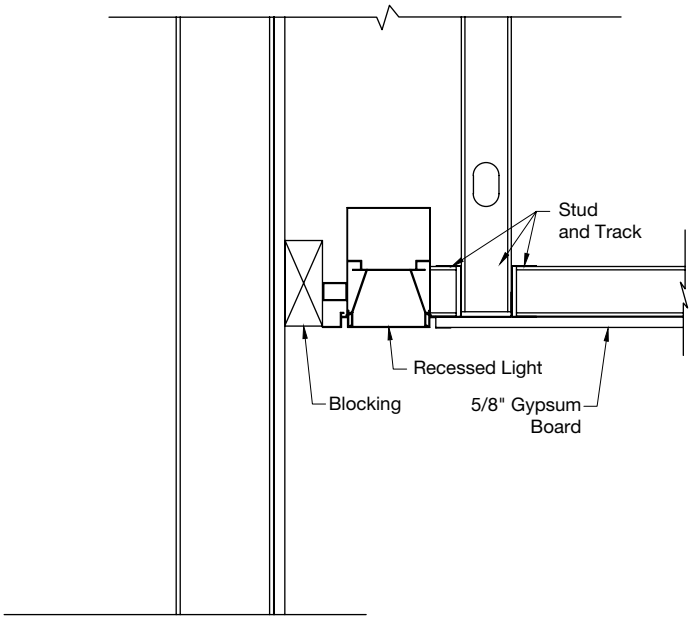
- Fully concealed integrated design installs with all Armstrong acoustical and drywall suspension systems
- Low profile design with plug and play lighting for shallow plenum corridors or entryways
- Integrated lighting partner makes the complete solution easy to specify and maintain lighting symmetry

FEATURES:

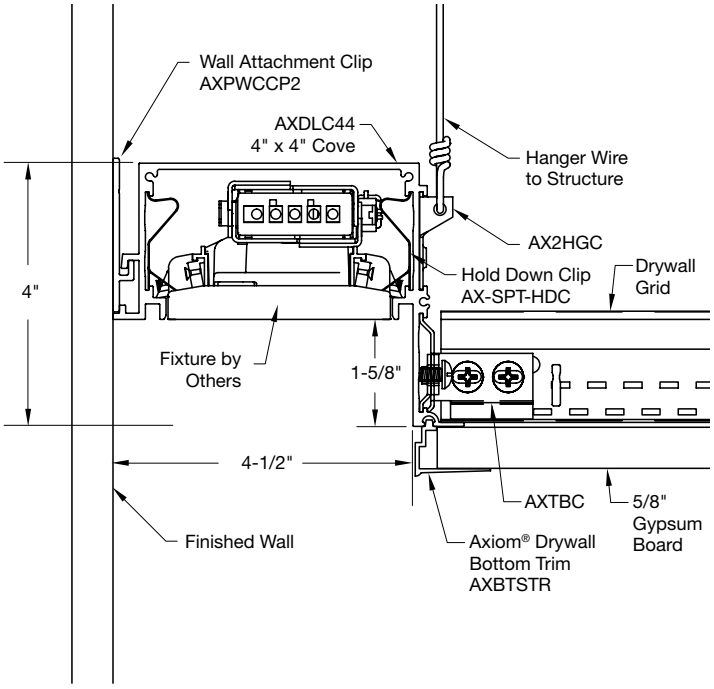
- Pre-engineered, extruded aluminum light cove profiles with integrated light fixture
- 4" x 4" and 4" x 6" Direct Light Cove options available
- Install 90% faster with just 10% of the labor of traditional light coves

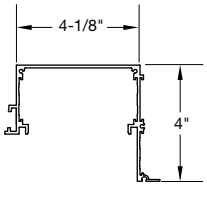
View Master Details >

Traditional Direct Light Cove

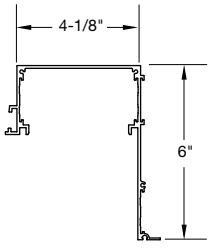


Armstrong Ceilings Axiom Direct Light Coves





4" Direct
Light Cove



6" Direct
Light Cove

Axiom® Indirect Light Coves & Indirect Field Light Coves

This solution offers a variety of options with both Ceiling-to-Wall and Ceiling-to-Ceiling light coves and sizes, while allowing for predictable lighting performance and perfect integration with all Armstrong suspension systems.

Armstrong® Ceilings

BENEFITS:

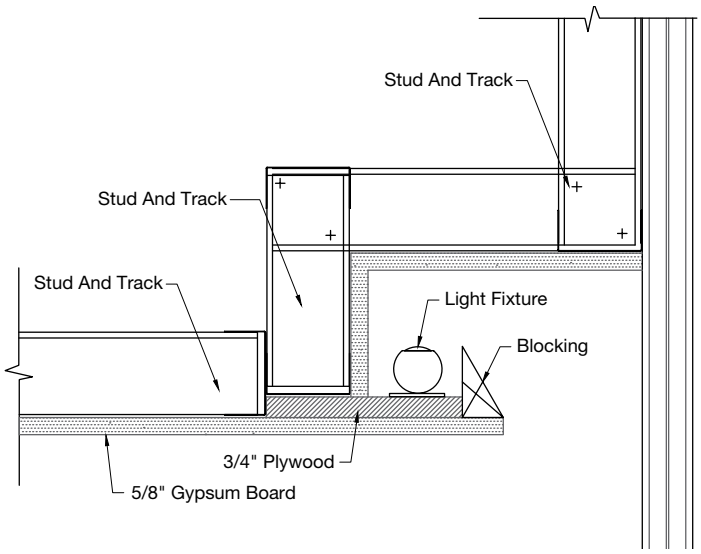
- Offer predictable lighting performance and perfect integration with all Armstrong suspension systems
- Integrated lighting partners make the complete solution easy to specify and maintain lighting symmetry

FEATURES:

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

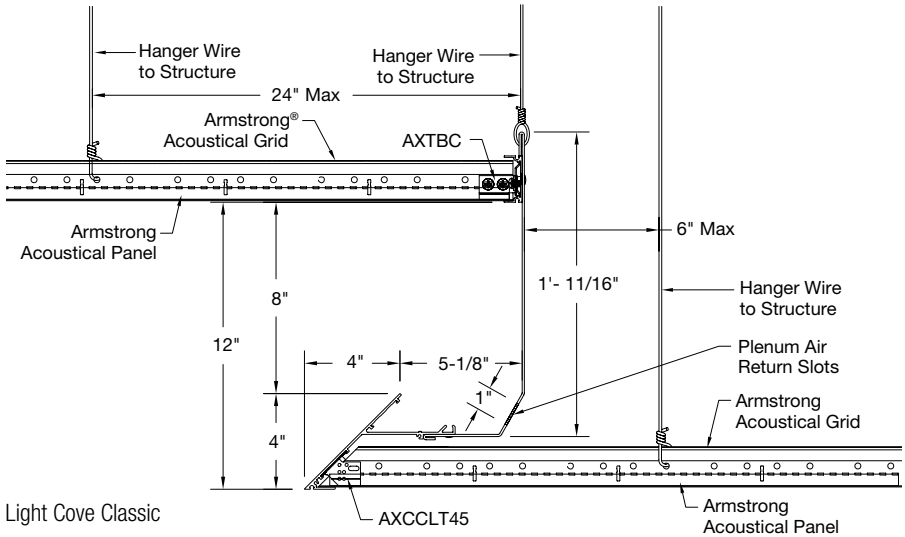
View Master Details >

Traditional Indirect Light Cove

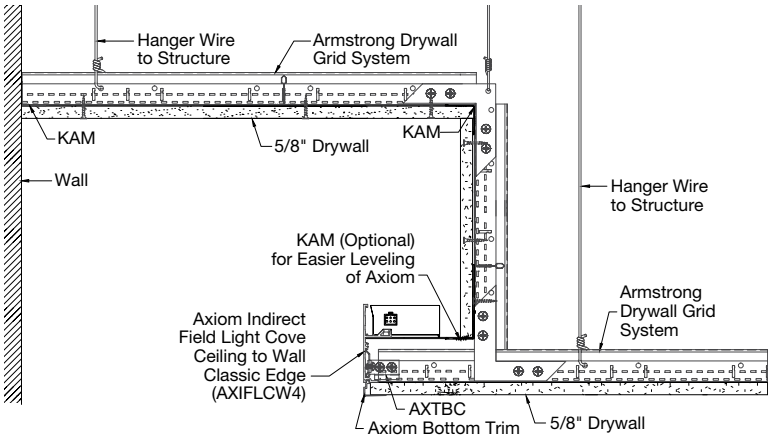


Armstrong Ceilings Axiom Indirect Light Coves & Indirect Field Light Coves

Ceiling-to-Ceiling Indirect Light Cove Knife Edge, Slotted



Ceiling-to-Wall Indirect Field Light Cove Classic



Drywall Grid System and
QuikStix™ Soffits

90° Soffit

Faster, easier, and better way to frame drywall soffits; designed to significantly reduce time and labor associated with cutting and measuring, while removing guesswork and maintaining design intent.

Armstrong® Ceilings

BENEFITS:

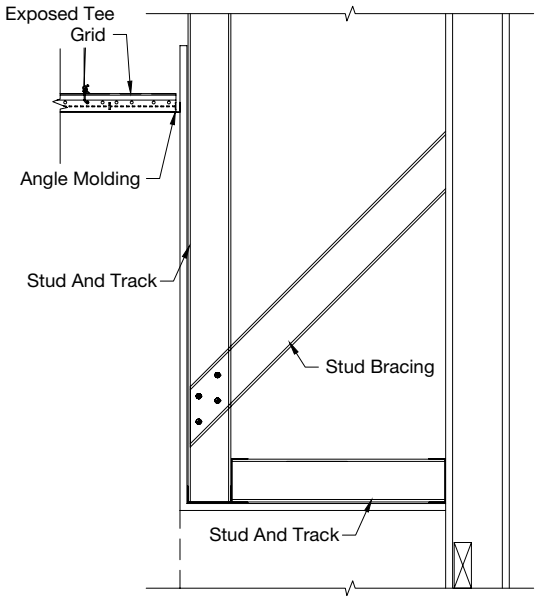
- Pre-engineered systems are designed so you know what the details of finished installations will look like long before the installation takes place
- Systems are tested for fit and finish and engineered to be code compliant
- Reduce the risk of on-site solutions because fit and finish is controlled and reliable

FEATURES:

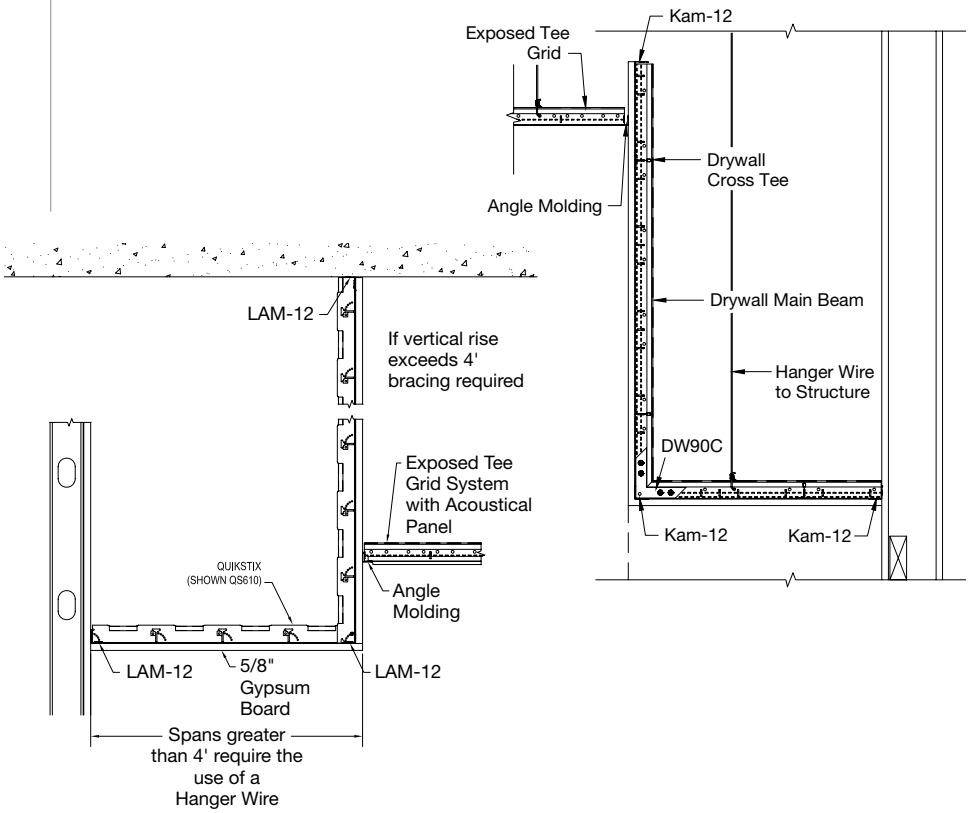
- QuikStix™ Soffit Drywall Framing System guarantees a perfectly crafted 15, 30, 45, 60, or 90-degree angle every time
- Drywall grid is manufactured with additional rout locations to accommodate F-Type Light Fixtures, access panels, and air diffusers.
- Engineered to give you design control, while providing a green installation by reducing steel up to 15%

View Master Details >

Traditional 90° Soffit



Armstrong Ceilings 90° Soffit (QuikStix or Drywall Grid System)



Step Soffit

Faster, easier, and better way to frame drywall soffits; designed to significantly reduce time and labor associated with cutting and measuring, while removing guesswork and maintaining design intent.

Armstrong® Ceilings

BENEFITS:

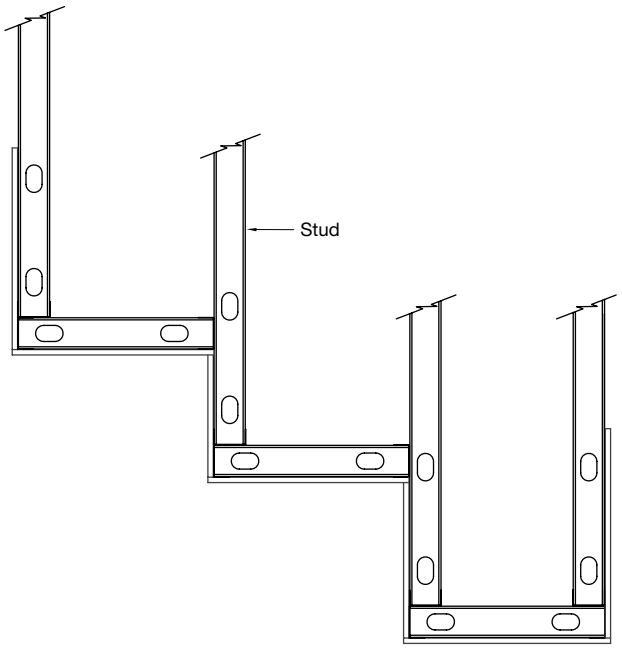
- Pre-engineered systems are designed so you know what the details of finished installations will look like long before the installation takes place
- Systems are tested for fit and finish and engineered to be code compliant
- Reduce the risk of on-site solutions because fit and finish is controlled and reliable

FEATURES:

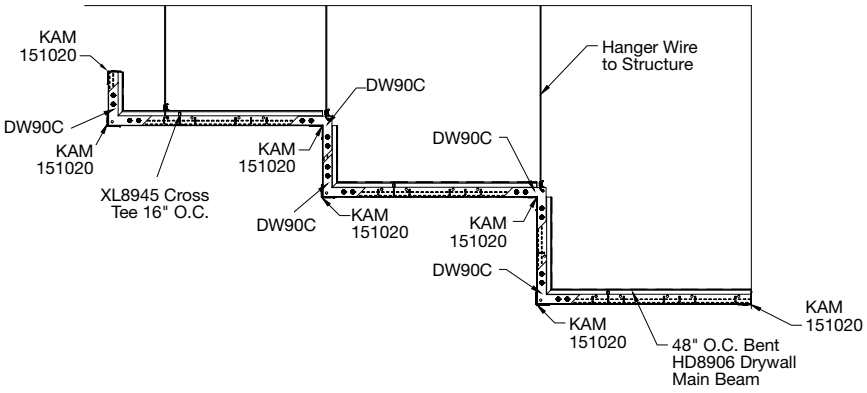
- Forms perfect 30°, 45°, 60°, 75° and 90° angles
- Flattened bulb is offset to allow true angles without interference
- Engineered to give you design control, while providing a green installation by reducing steel up to 15%

View Master Details >

Traditional Step Soffit



Armstrong Ceilings Step Soffit



Drywall Light Cove

Traditional track and stud drywall light coves leave many finishing decisions to be handled on-site, making it hard to assure the controls are in place to maintain design intent and lighting symmetry.

Armstrong® Ceilings

BENEFITS:

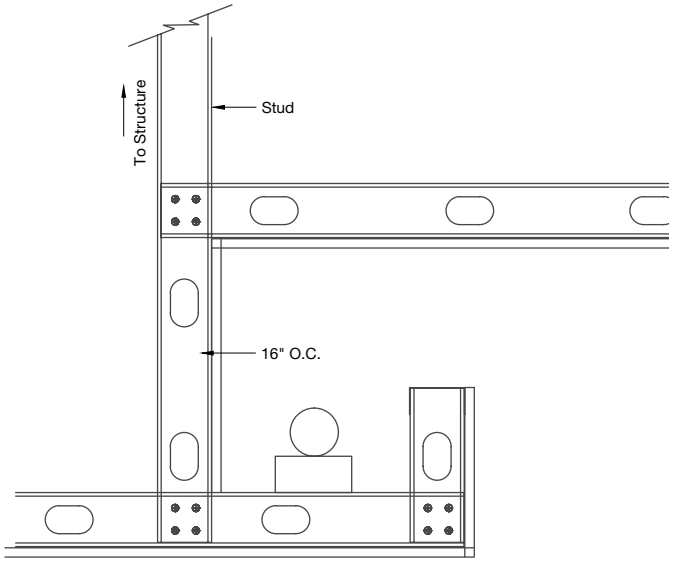
- Pre-engineered systems are designed so you know what the details of finished installations will look like long before the installation takes place
- Systems are tested for fit and finish and engineered to be code compliant
- Reduce the risk of on-site solutions because fit and finish is controlled and reliable

FEATURES:

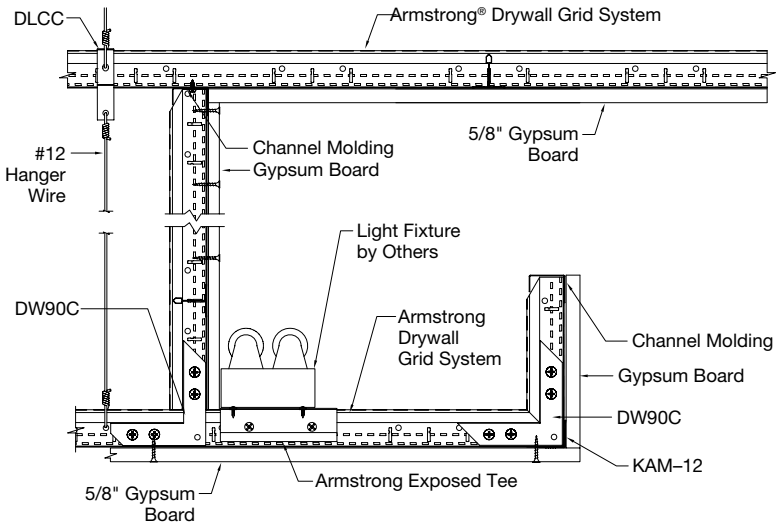
- Drywall grid is manufactured with additional rout locations to accommodate F-Type light fixtures, access panels, and air diffusers.
- Engineered to give you design control, while providing a green installation by reducing steel up to 15%

View Master Details >

Traditional Drywall Light Cove



Armstrong Ceilings Drywall Light Cove



Bulkhead/Furrdown

A faster, easier, and better way to frame drywall bulkheads; designed to significantly reduce time and labor associated with cutting and measuring, while removing guesswork and maintaining design intent.

Armstrong® Ceilings

BENEFITS:

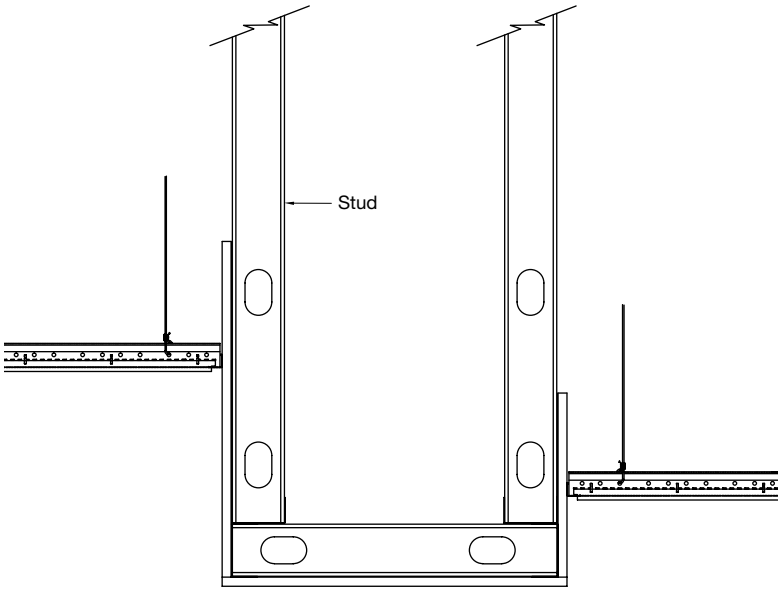
- Pre-engineered systems are designed so you know what the details of finished installations will look like long before the installation takes place
- Systems are tested for fit and finish and engineered to be code compliant
- Reduce risk of on-site solutions because fit and finish is controlled and reliable

FEATURES:

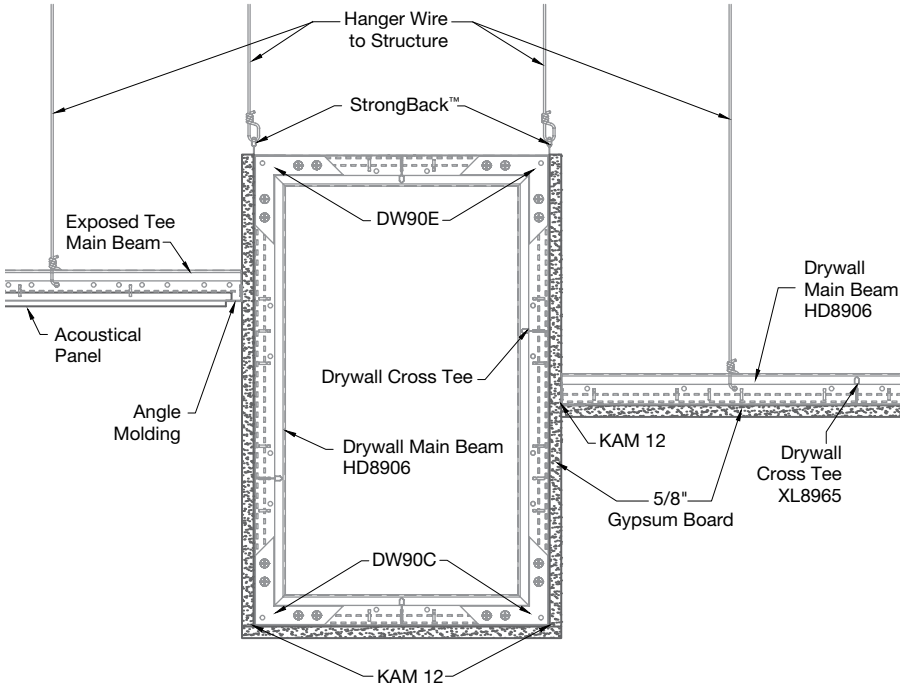
- Forms perfect 30°, 45°, 60°, 75°, and 90° angles
- Flattened bulb is offset to allow true angles without interference
- Engineered to give you design control
- Provides a green installation by reducing steel up to 15%

View Master Details >

Traditional Bulkhead/Furrdown



Armstrong Ceilings Bulkhead/Furrdown



Curved Drywall Grid
System with RC2 Clips

Drywall Grid System for Flat and Curved Drywall

Save time and reduce material and labor costs compared to traditional installation methods. Our Drywall Grid Systems are engineered to get contractors on and off the job faster, reducing the construction schedule.

Armstrong® Ceilings

BENEFITS:

- 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

FEATURES:

- Create custom radii to suit any design by combining our faceted main with our RC2 clip
- Variety of pre-engineered solutions for direct to deck installations, vertical drops, and short spans
- Engineered to give you design control, while providing a green installation by reducing steel up to 15%

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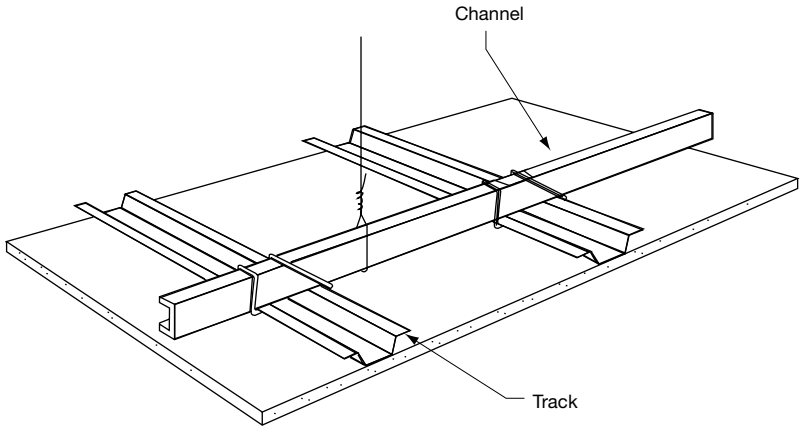
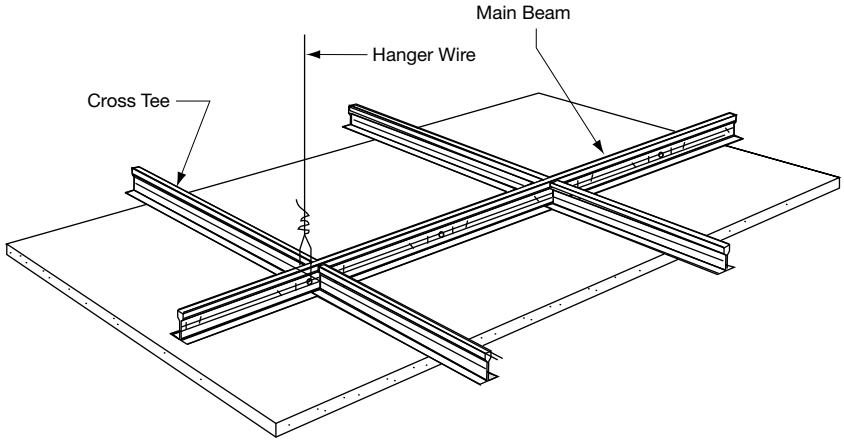
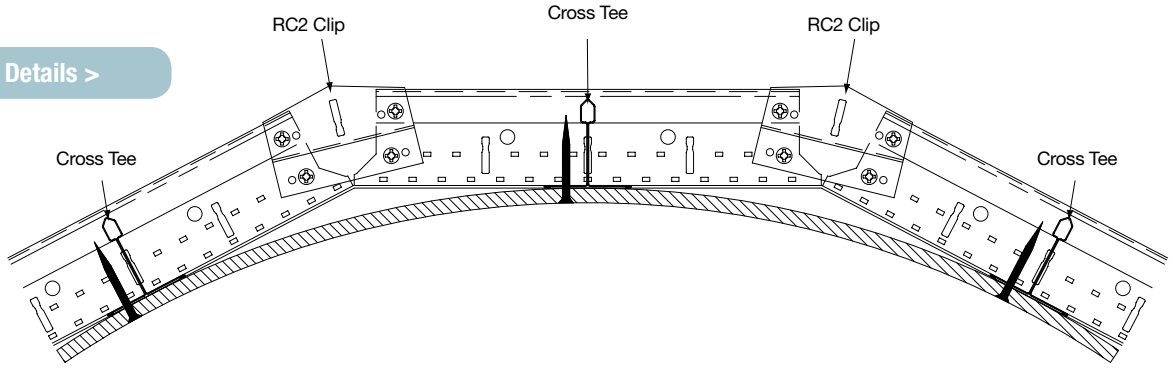
Traditional Flat Drywall



Armstrong Ceilings Drywall Grid System for Flat and Curved Drywall





Axiom® Glazing Channel

Axiom® Glazing Channel

Creating the illusion of glass that appears to pass through the ceiling plane is difficult without the proper integrated solutions at your fingertips.

Armstrong® Ceilings

BENEFITS:

- Integration with all Armstrong acoustical and drywall ceiling systems for a clean installed visual so glass seems to "disappear" into the plenum
- Coordinated fit and finish ensures delivery of design intent
- Completely concealed integration without the need for a drywall bulkhead

FEATURES:

- Five trim profile options to coordinate Lay-in, Tegular, and Vector® ceiling panels and Drywall Grid Systems
- Recessed profiles – use with 3/8" and 1/2" thick interior glass partition walls
- Seismic solution for category D, E, F installations

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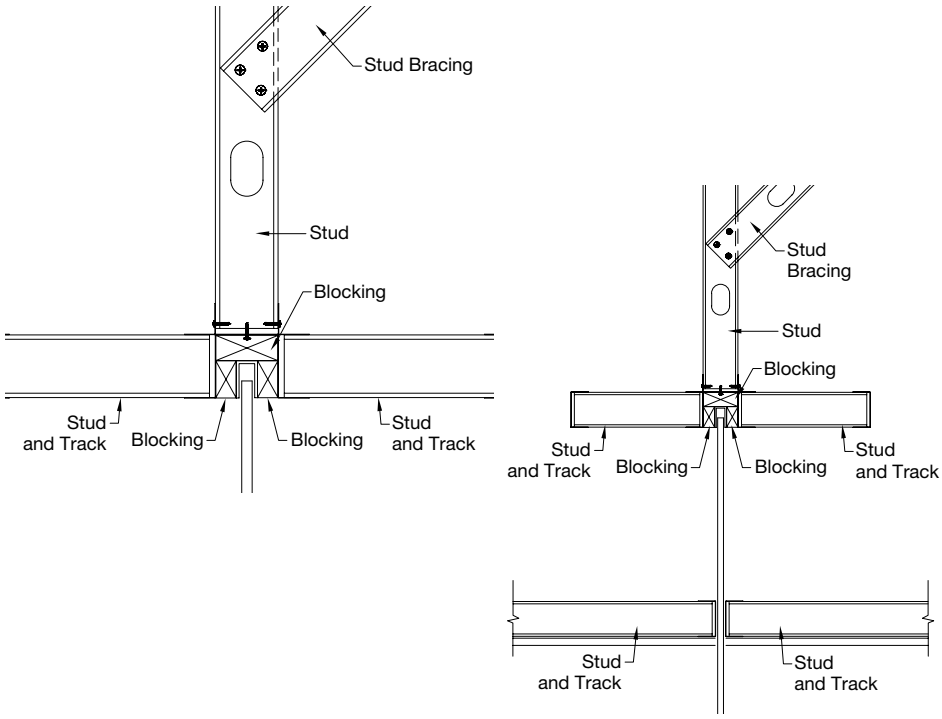
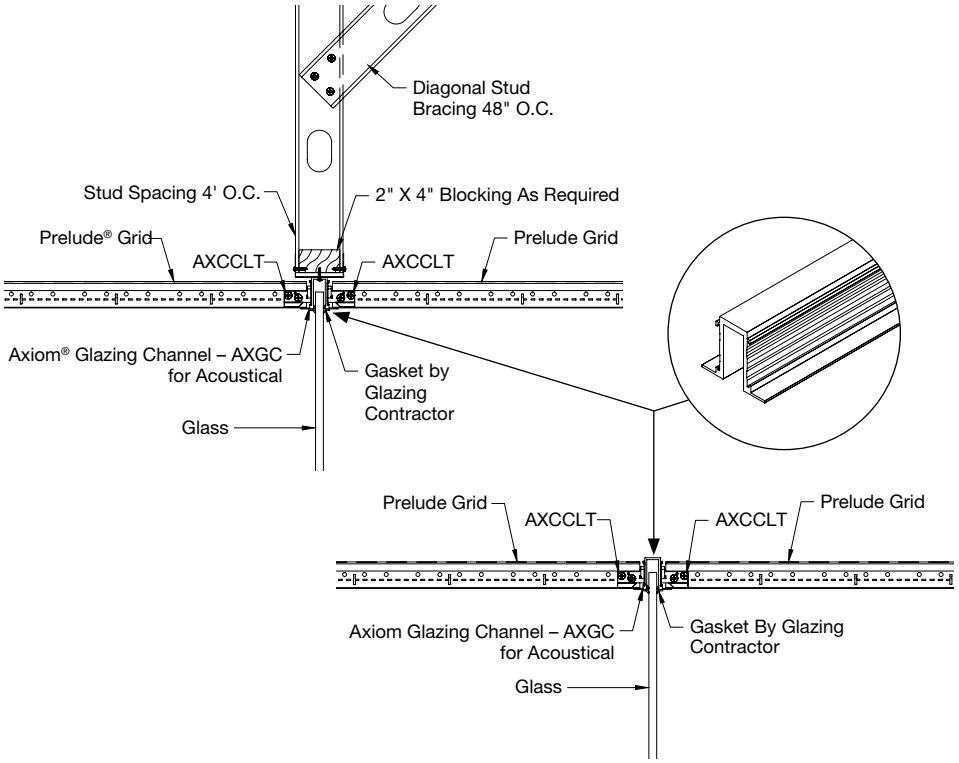
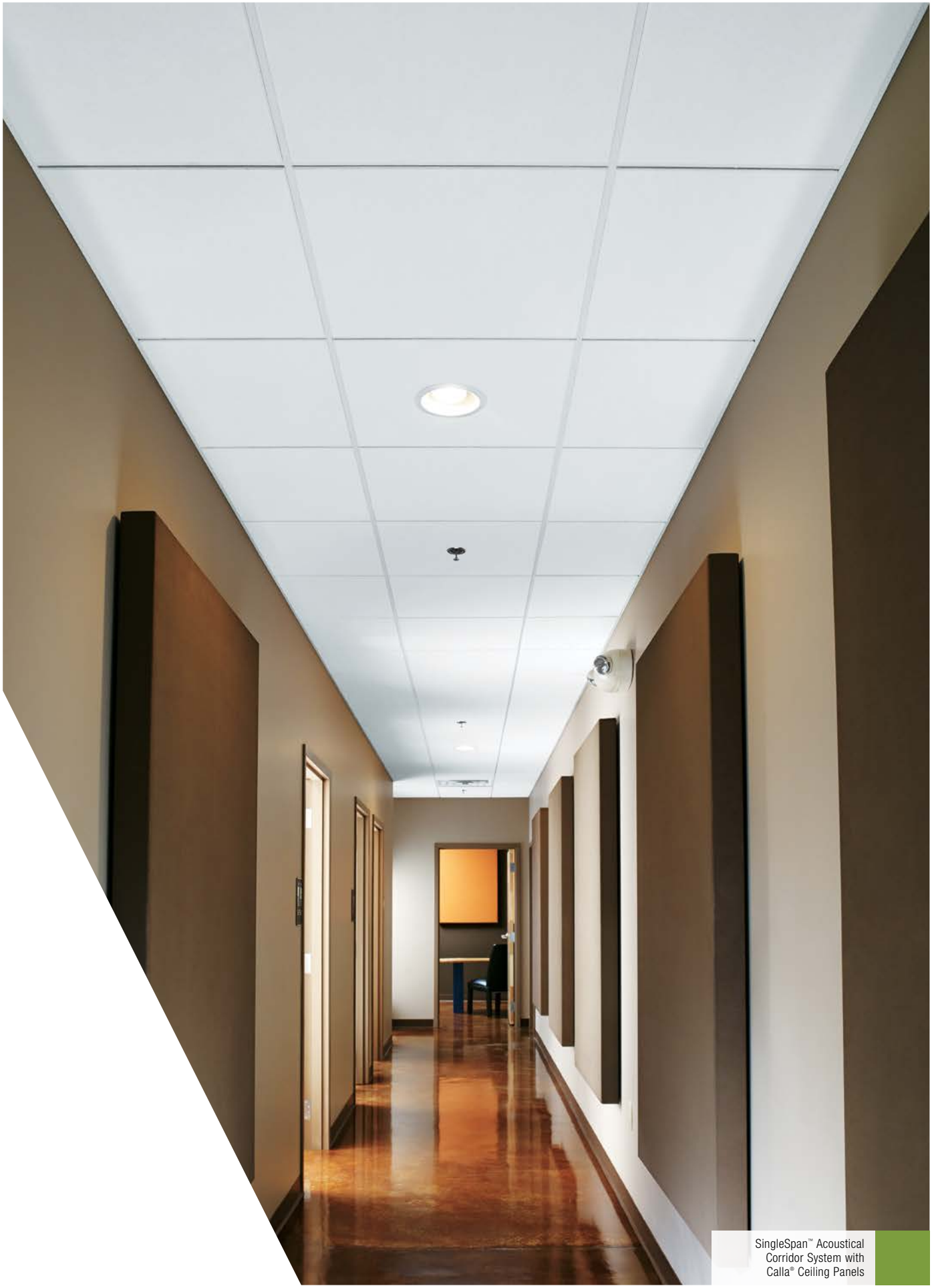
Traditional Glass Partition



Armstrong Ceilings Axiom Glazing Channel





SingleSpan™ Acoustical Corridor System with Calla® Ceiling Panels

SingleSpan™ Acoustical Corridor Suspension System and ShortSpan® Drywall Framing System

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

Armstrong® Ceilings

BENEFITS:

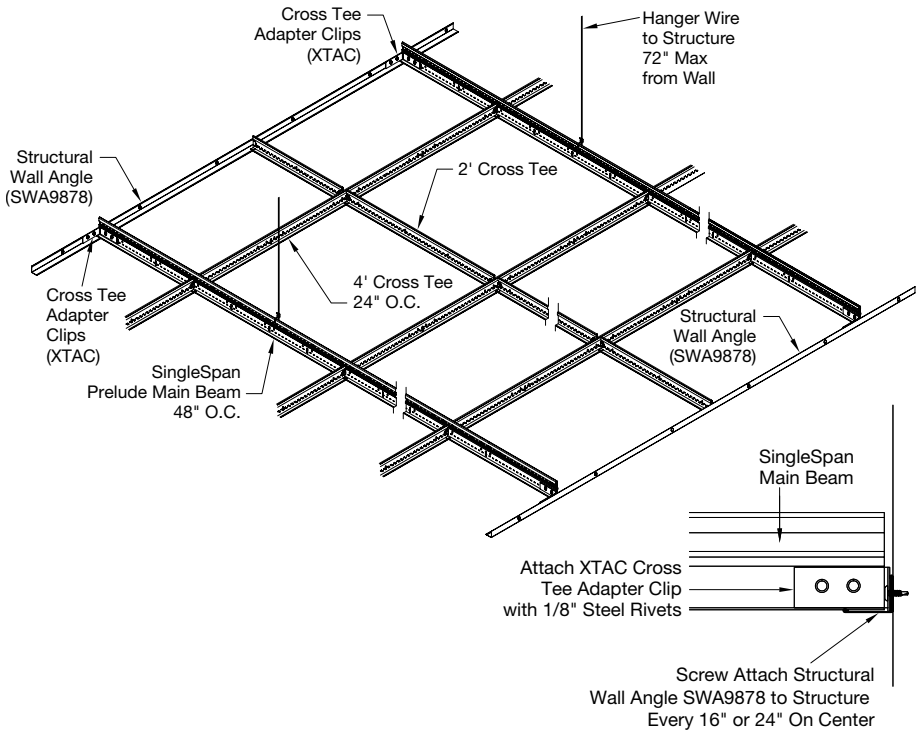
- Reduces or eliminates hanger wires – perfect for healthcare/ education spaces with crowded plenums
- ShortSpan – support spans up to 8'-6" with no mid-span support
- SingleSpan provides improved access to utilities in the plenum post installation

FEATURES:

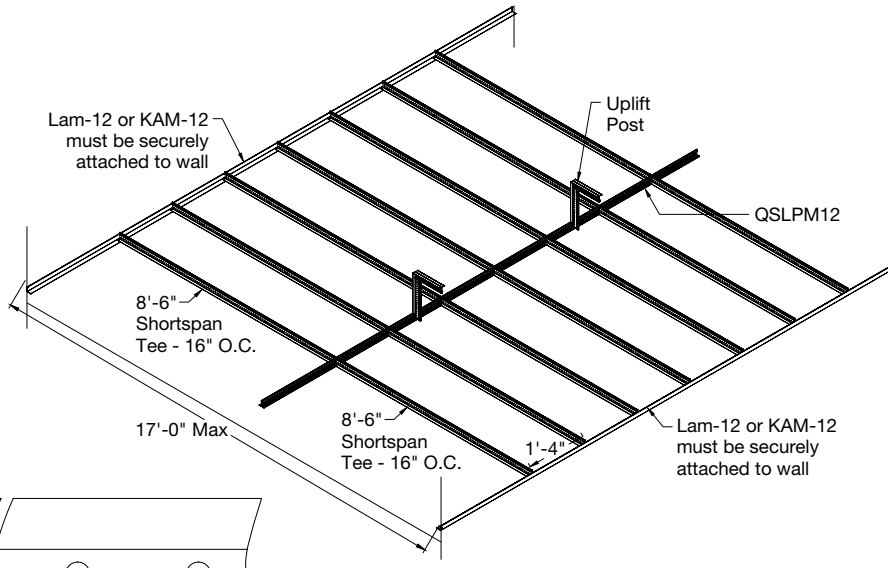
- Compatible with all Armstrong heavy-duty suspension main beams using StrongBack™ Support Hangers
- Structural wall angle maximizes the load carrying performance of SingleSpan
- Seismically tested and approved suspension installation configuration (IAPMO certified, Evaluation Report #0244)

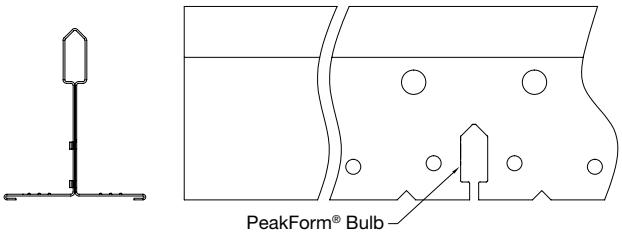
View Master Details >

Armstrong Ceilings — SingleSpan Acoustical Corridor Suspension System



Armstrong Ceilings — ShortSpan Drywall Framing System





Formations™ Acoustical
Cloud Kits

Formations™ Acoustical Cloud Kits

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® Ceilings

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 StrongBack™ 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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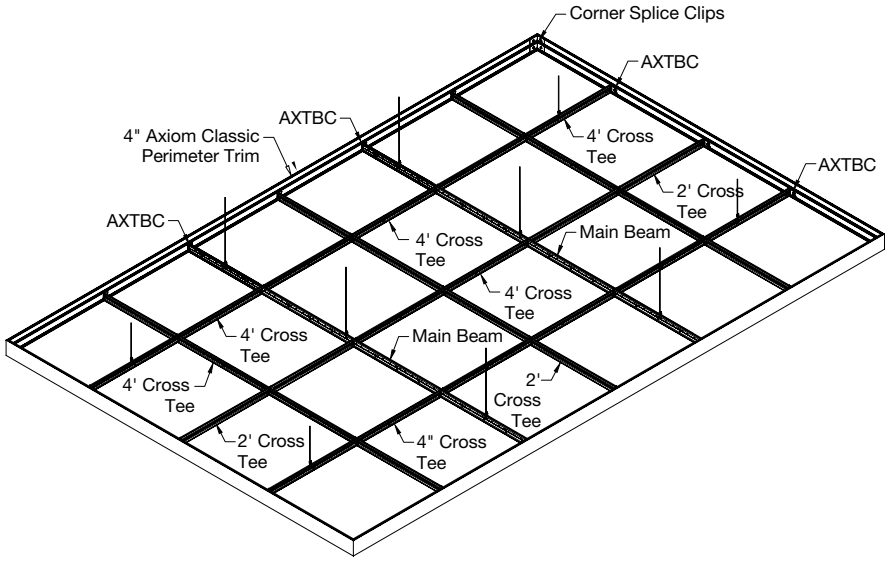
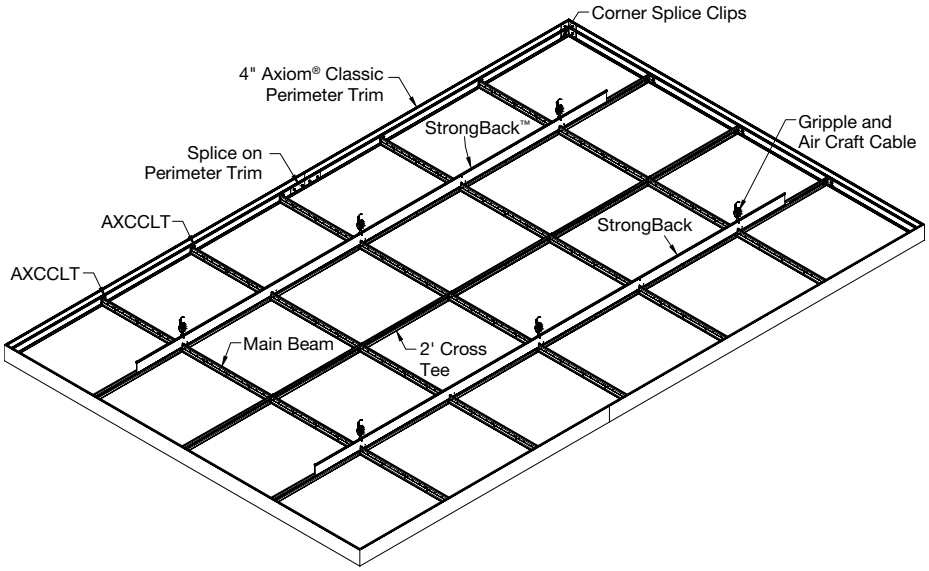
Traditional Stick-Built Cloud



Armstrong Ceilings Formations™ Acoustical Cloud Kits



Formations™ Drywall Cloud Kits

Pre-engineered drywall cloud kits are 50% faster to install than traditional track and channel drywall clouds and maintain a consistent fit and finish.

Armstrong® Ceilings

BENEFITS:

- Improved floating visual compared to field constructed track and channeled clouds
- Clouds appear to float and provide a clean, contemporary look with consistent fit and finish
- Kits install 50% faster than traditional track and channel drywall clouds

FEATURES:

- Pre-cut suspension system components, perimeter trim, and easy-to-adjust aircraft hanging cables make assembly and installation fast and easy
- Perimeter trim integrates with 5/8" thick drywall (not included in kit)
- Improved floating visual compared to traditional stud framed drywall clouds

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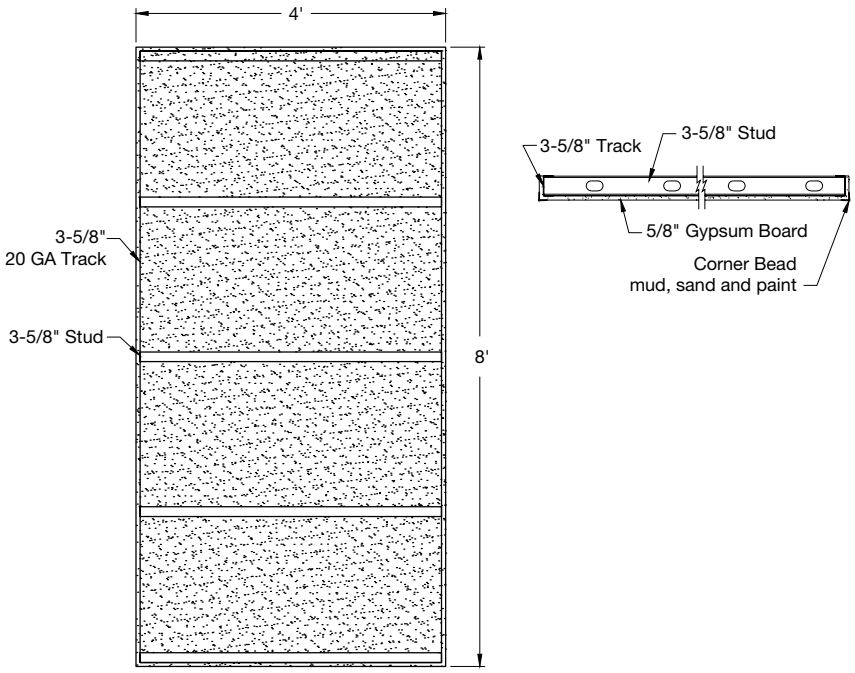
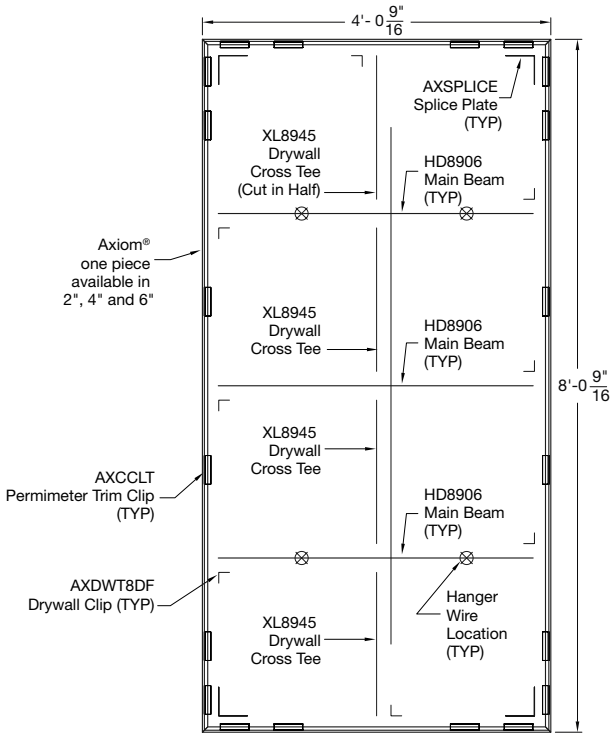
Traditional Stud & Track Drywall Cloud



Armstrong Ceilings Formations Drywall Cloud Kits



Seismic Wall Molding Connection (BERC2)

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

Armstrong® Ceilings

BENEFITS:

- Create a code compliant Seismic 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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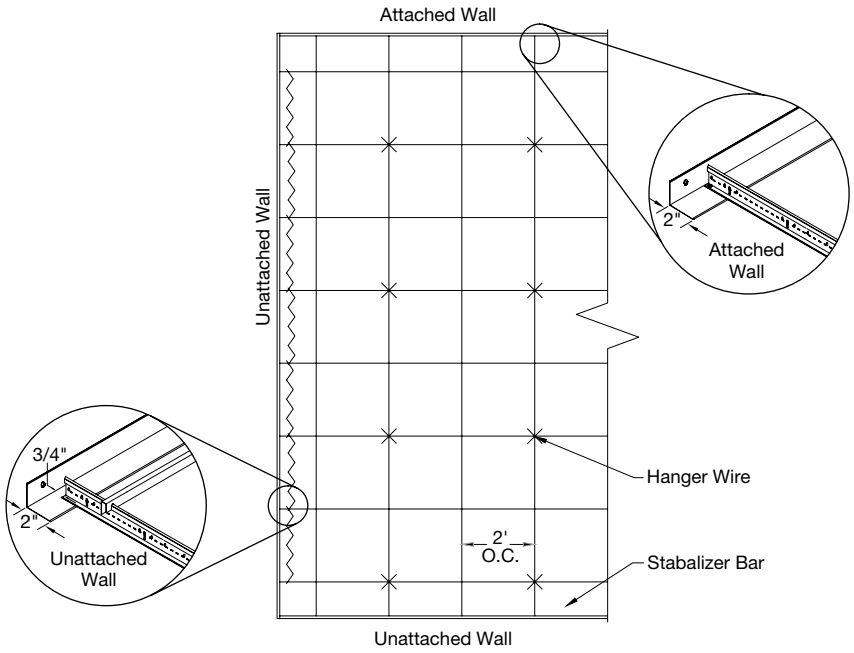
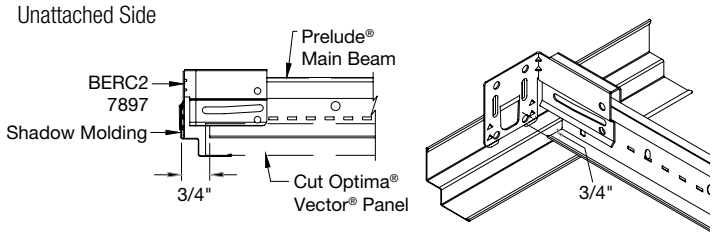
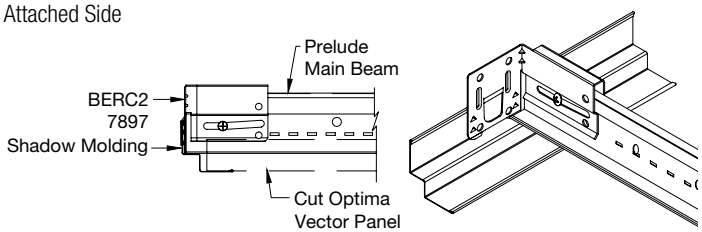
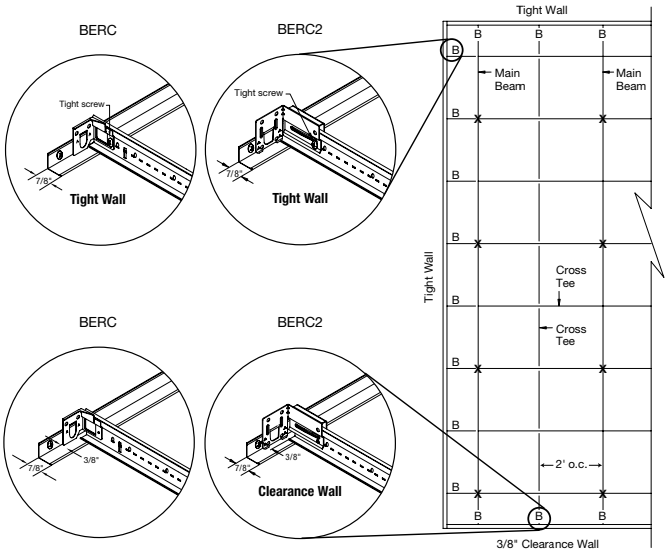
Traditional Seismic Wall Molding Connection



Armstrong Ceilings Seismic Wall Molding Connection (BERC2)







X Hanger Wire
B BERC or BERC2 Clip

Wall Molding Connection (GCWA Clip – Non-Seismic)

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

Armstrong® Ceilings

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

FEATURES:

- Clips are made and ready to use through our FastShip™ clips and accessories program
- Securely attaches mains and tees to perimeter
- Works great with 9/16" suspension systems

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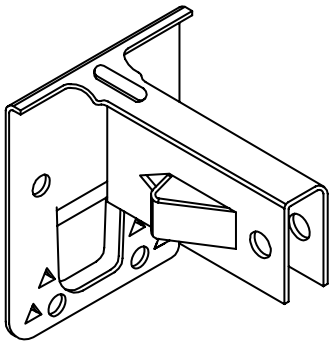
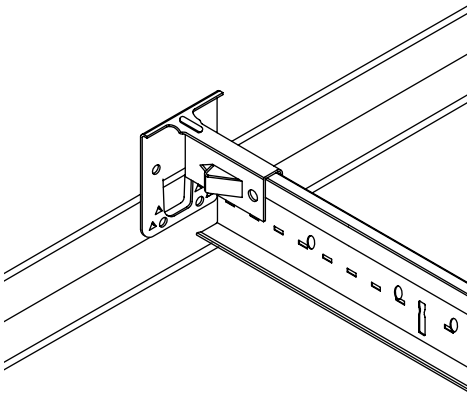
Traditional Wall Molding Connection

Armstrong Ceilings Wall Molding Connection (GCWA Clip – Non-Seismic)





Off Module Ceiling Design (STAC Clip)

Staggering, off module grid installations can be tough to secure, square, and maintain a visually appealing ceiling.

Armstrong® Ceilings

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

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

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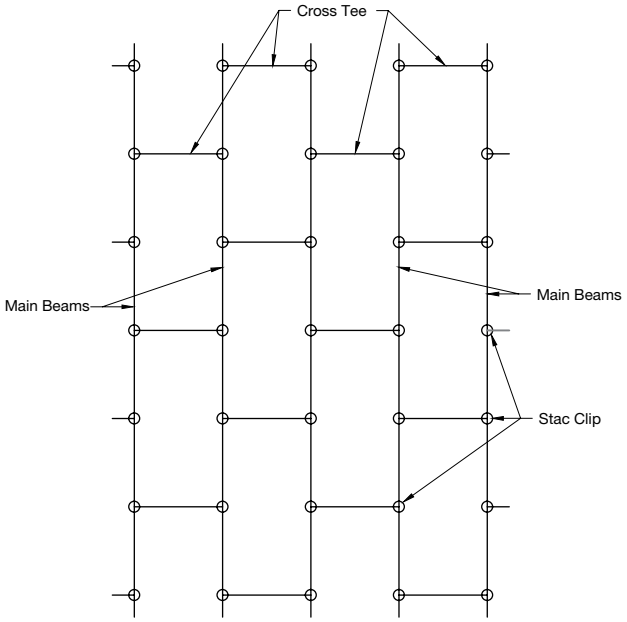
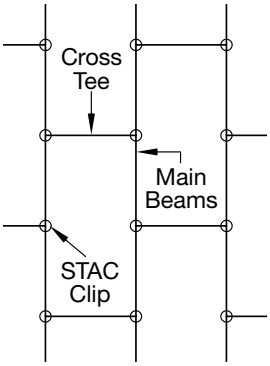
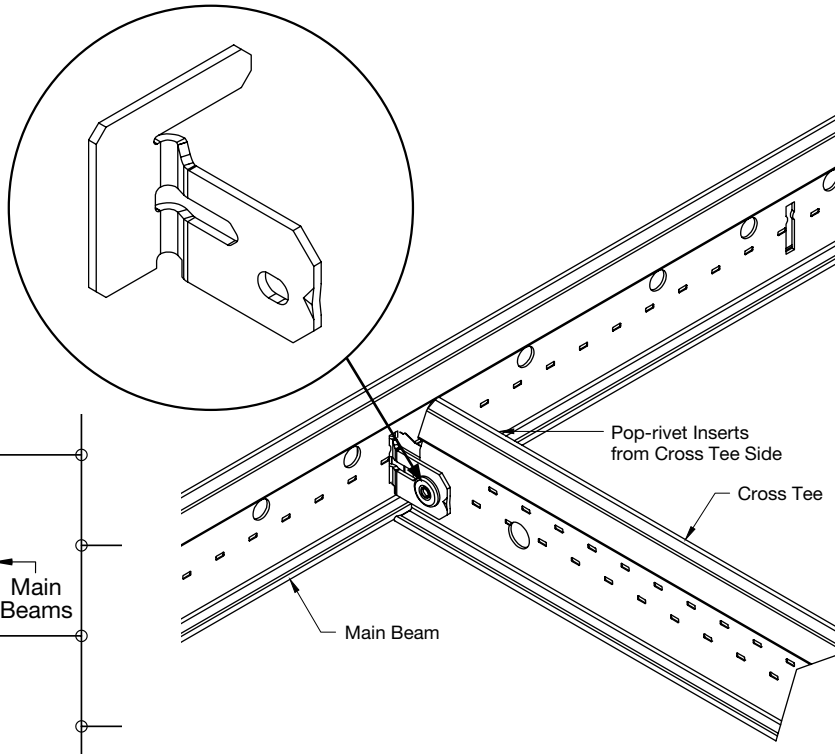
Traditional Off Module Ceiling Design



Armstrong Ceilings Off Module Ceiling Design (STAC Clip)





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