



DETAILS

Make the Difference

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.



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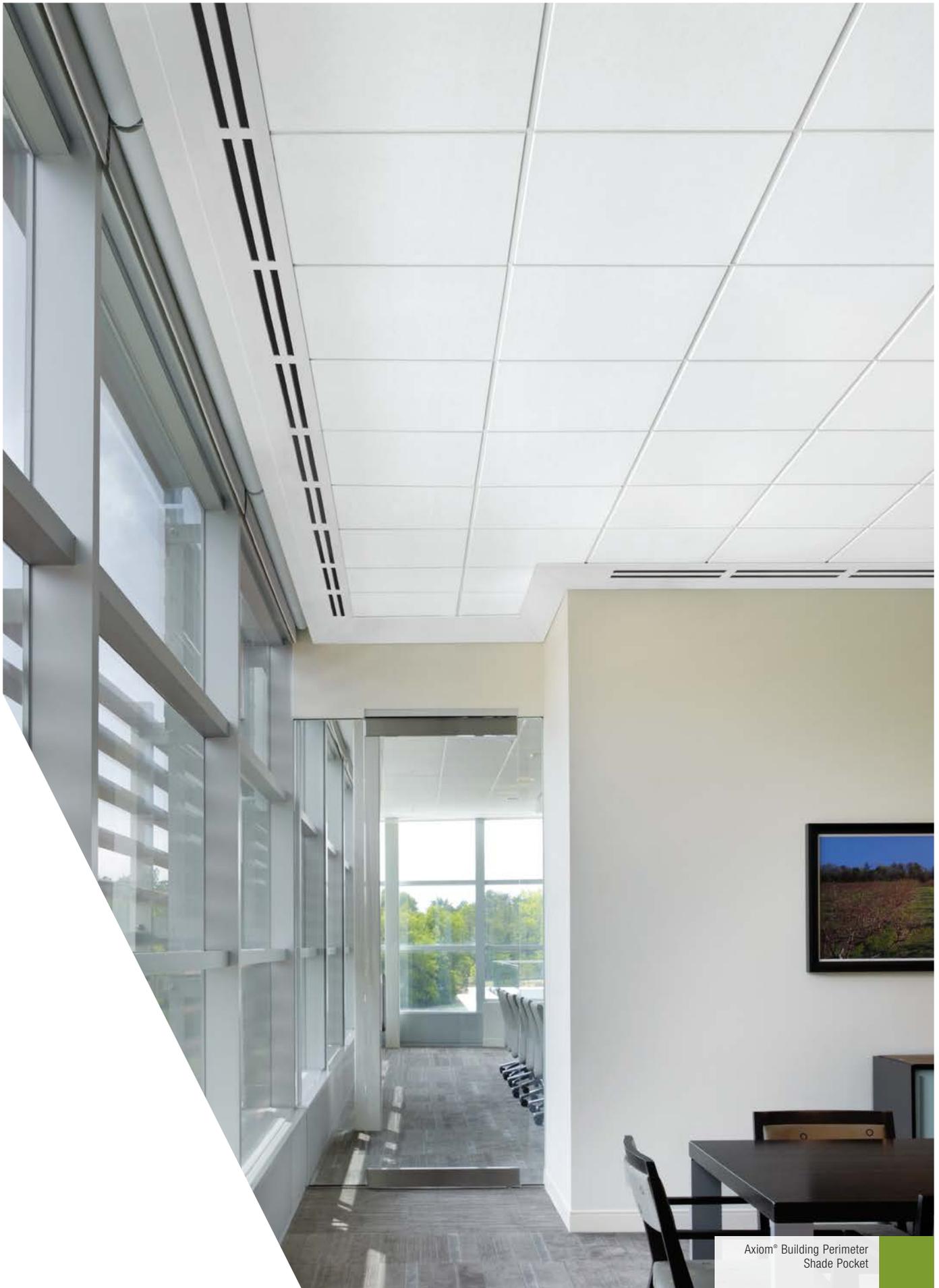
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TRANSITIONS



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® Ceiling Solutions

BENEFITS:

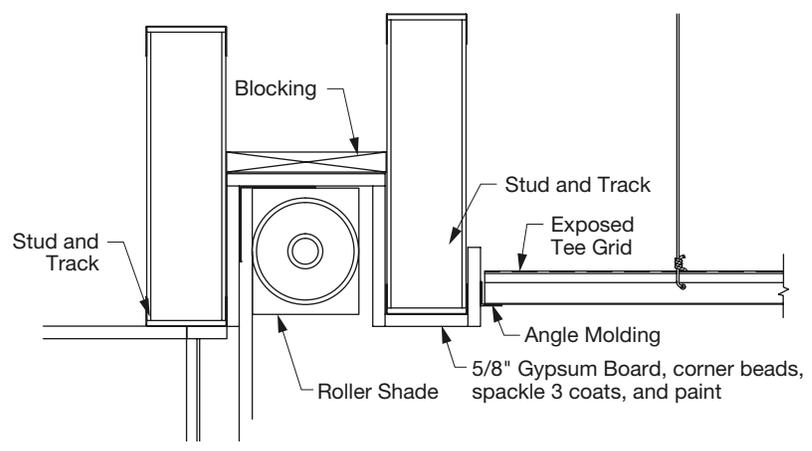
- Regain aesthetic control at the building perimeter
- Achieve quality control at the perimeter, reduce time required to detail and specify the integration of perimeter solutions
- Reduce risk associated with field fabricated, labor-intensive accommodation of linear air distribution, window pockets,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

FEATURES:

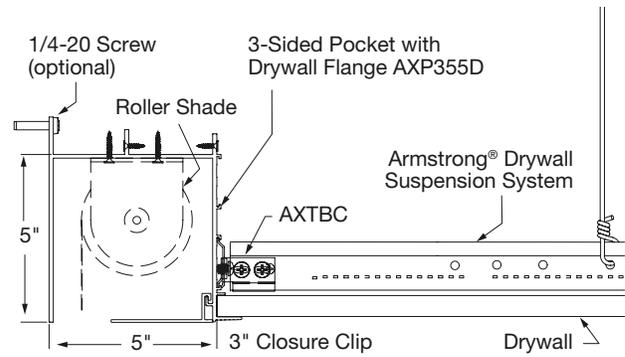
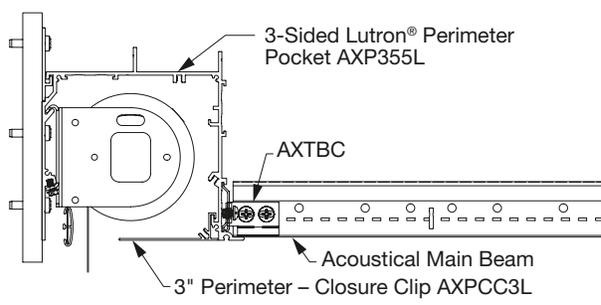
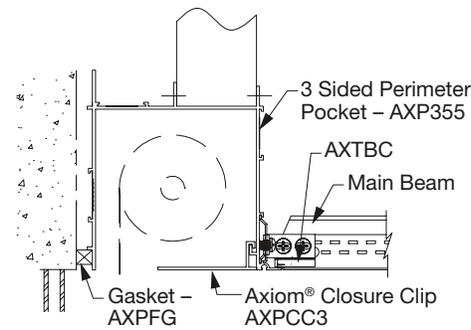
- Integrates with all Armstrong Acoustical and Drywall Suspension Systems
- Integrates drapery pockets, window shades, air distribution, and changes in ceiling elevation
- Installs 12 times faster than drywall pockets and twice as fast as traditional pockets
- Variety of options for manual, motorized,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

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Traditional Acoustical Grid



Armstrong Ceiling Solutions Axiom® Building Perimeter Shade Pockets



Axiom Core & Shell Shade Pockets

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

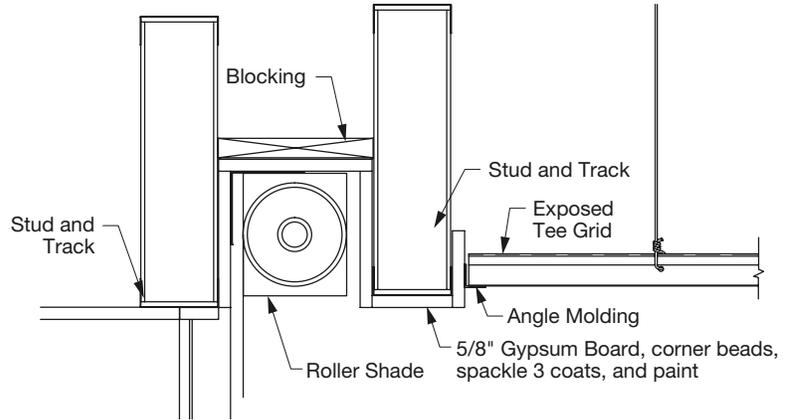
Armstrong® Ceiling Solutions

BENEFITS:

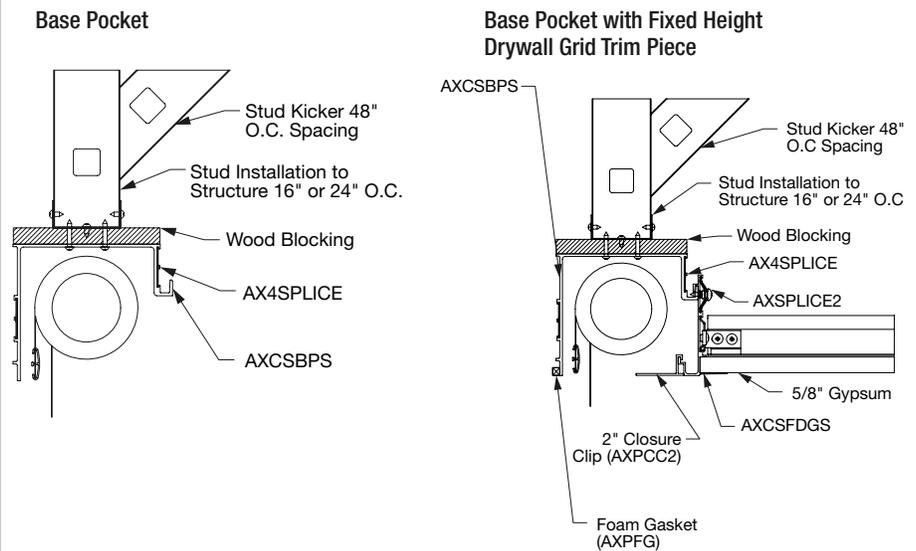
- Modular Shade Pocket solution that utilizes a Base Pocket combined with an accessory extension to provide a complete solution specific to the requirements of the space
- Achieve quality control at the perimeter, reduce time required to detail and specify the integration of perimeter solutions
- Reduce risk associated with field fabricated, labor-intensive accommodation of window pockets, and ceiling elevation changes at the perimeter of a building

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Traditional Acoustical Grid



Armstrong Ceiling Solutions Base Pocket



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® Ceiling Solutions

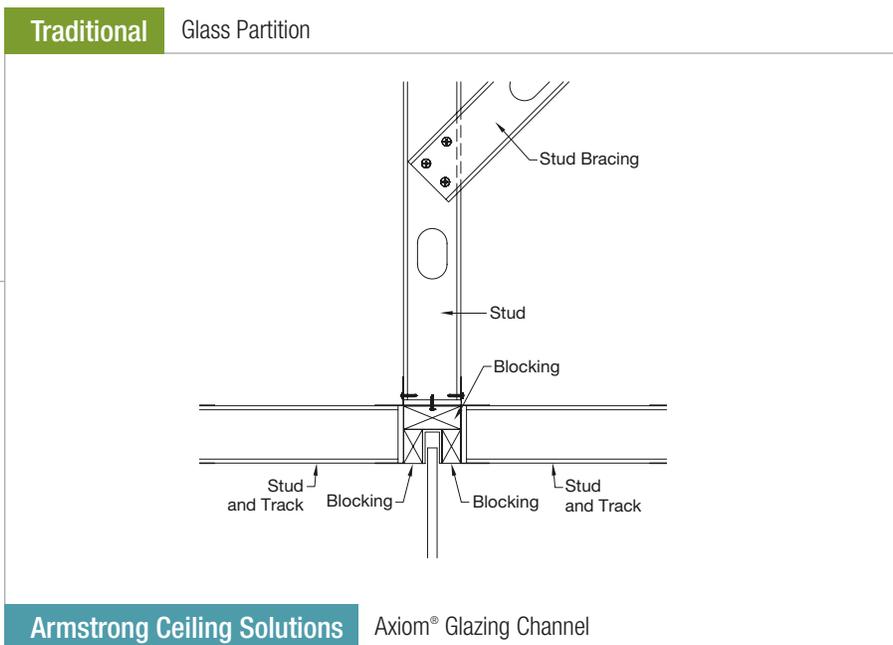
BENEFITS:

- 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:

- Compatible with all Armstrong® heavy-duty suspension main beams using StrongBack™ Support Hangers
- 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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Axiom® Direct and
Indirect Light Covers

Axiom® Direct Light Covers

Axiom® extruded aluminum direct light covers offer ultra-low plenum clearance, predictable lighting performance, and perfect integration with all Armstrong® Suspension Systems.

Armstrong® Ceiling Solutions

BENEFITS:

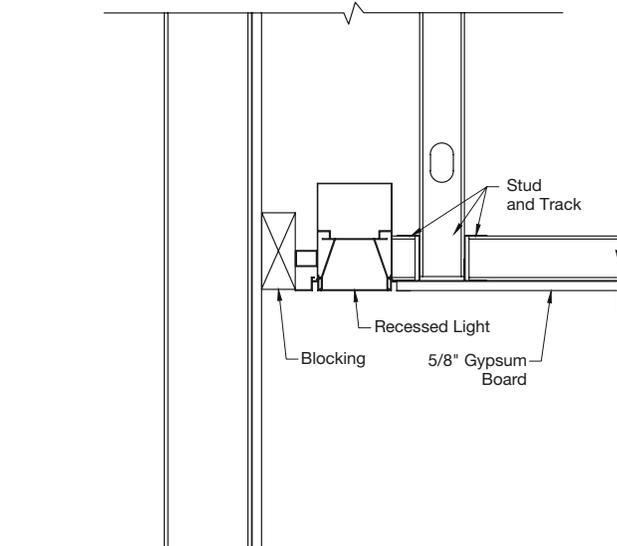
- Fully concealed integrated design installs with all Armstrong® Acoustical and Drywall Suspension Systems
- Low profile design with plug and play lighting for shallow plenum corridors or entryways
- Integrated lighting partners make the complete solution easy to specify and maintain lighting symmetry

FEATURES:

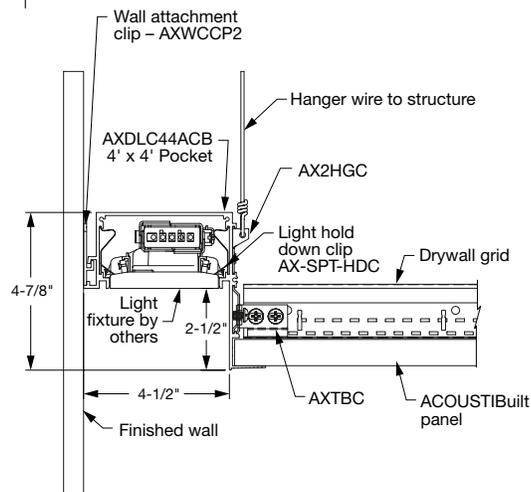
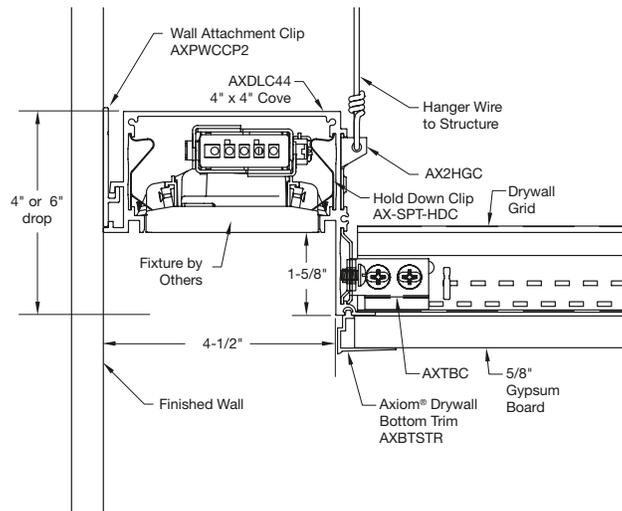
- Pre-engineered, extruded aluminum light cover profiles with integrated light fixture
- 4" x 4" and 4" x 6" Direct Light Cove options available
- Install 90% faster with just 10% of the labor of traditional light covers
- Designed to work with Armstrong linear lighting partners, Axis Lighting, and XAL

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Traditional Direct Light Cove



Armstrong Ceiling Solutions Axiom® Direct Light Covers



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® Ceiling Solutions

BENEFITS:

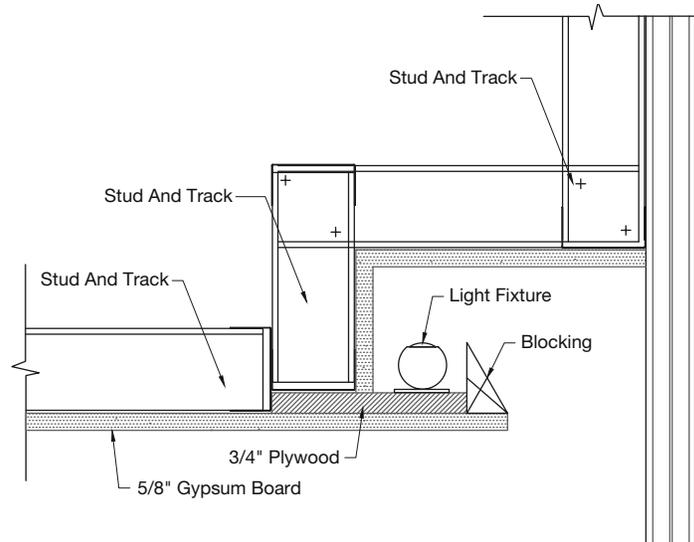
- Offer predictable lighting performance and perfect integration with all Armstrong Suspension Systems
- Integrated lighting partners make the complete solution easy to specify and maintain lighting symmetry

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

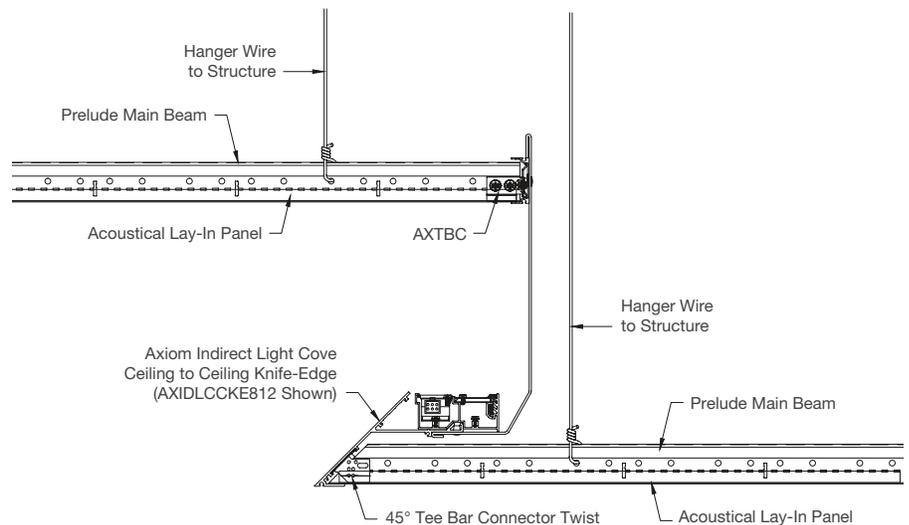
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Traditional Indirect Light Cove

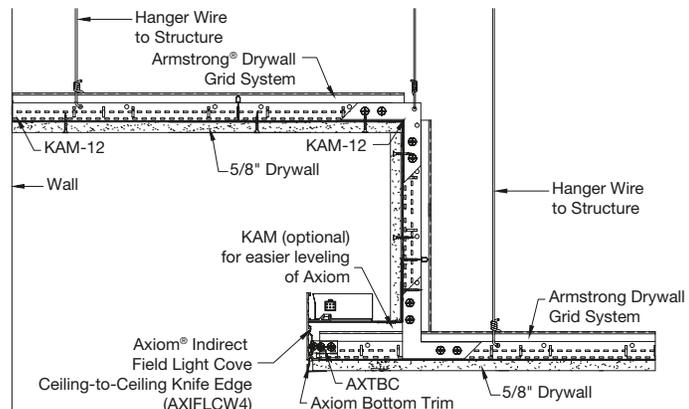


Armstrong Ceiling Solutions Axiom Indirect Light Coves & Indirect Field Light Coves

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



Ceiling-to-Wall Indirect Field Light Cove Classic



Drywall Grid System – Drywall Grid 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® Ceiling Solutions

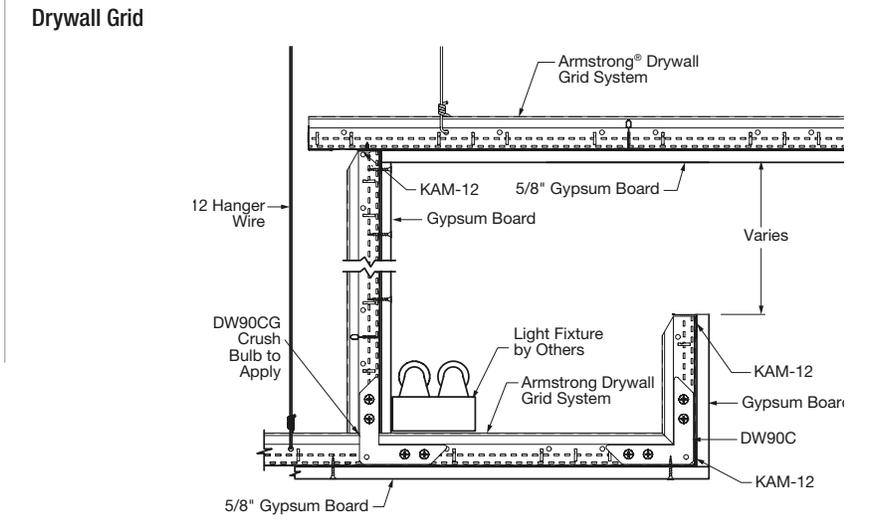
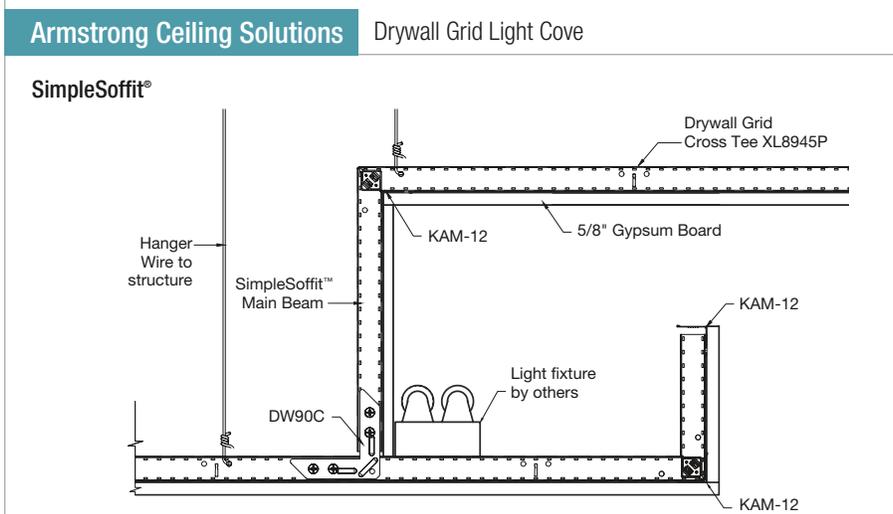
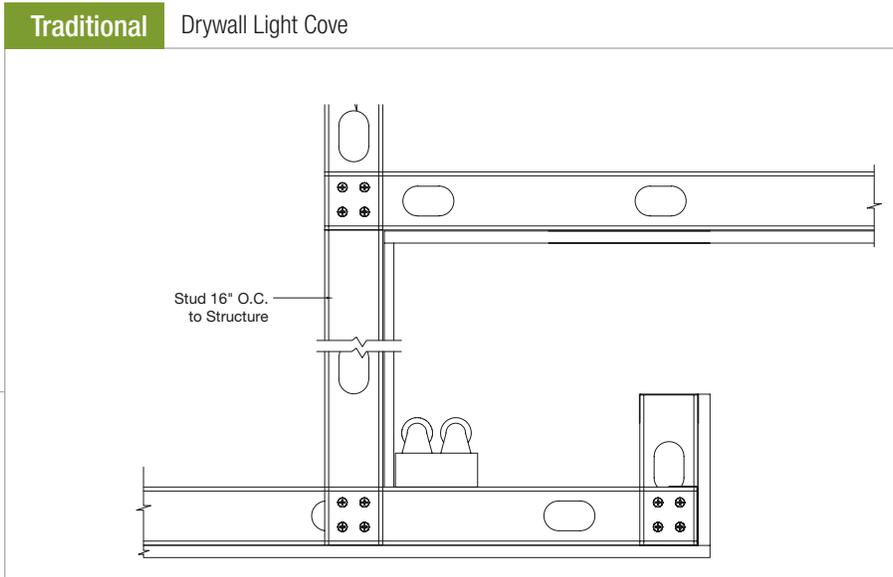
BENEFITS:

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

FEATURES:

- SimpleSoffit™ gives you precisely notched main beams that arrive ready to install and can be quickly clicked together
- 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 25%
- Can be quickly field-modified to accommodate a vast array of soffit and step conditions

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Drywall Grid System and
SimpleSoffit

Drywall Grid System – 90° Soffits

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® Ceiling Solutions

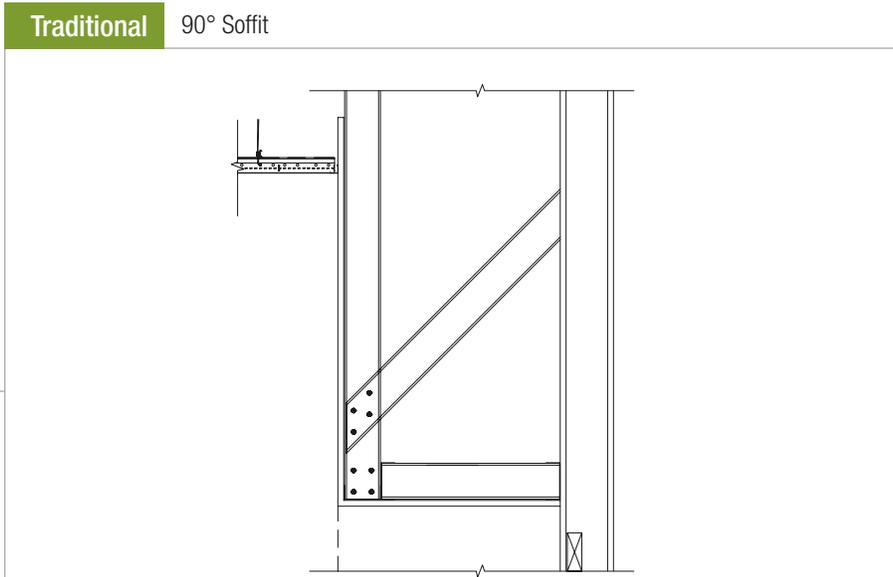
BENEFITS:

- Installation savings up to 75% compared to traditional framing
- Pre-engineered drywall grid soffits are three times faster to install than traditional stud and track framing
- Armstrong® Drywall Grid saves steel and significantly increases the modul capabilities of the installation

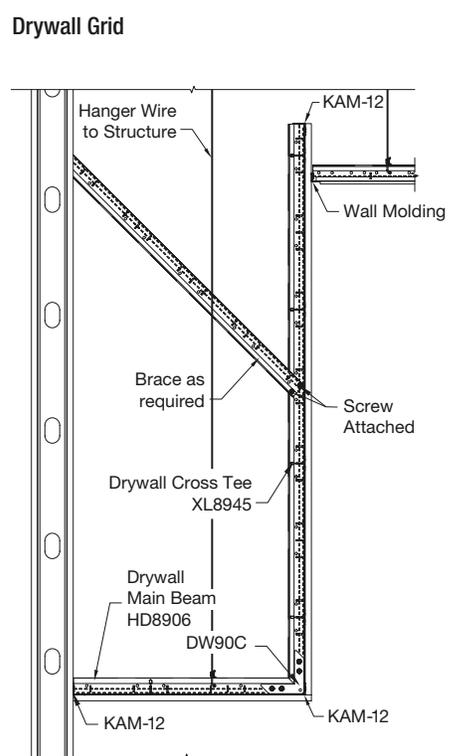
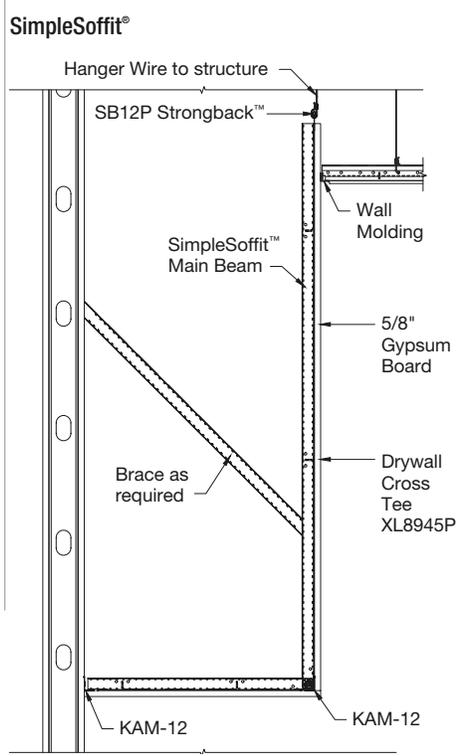
FEATURES:

- SimpleSoffit™ gives you precisely notched main beams that arrive ready to install and can be quickly clicked together
- Engineered to give you design control, while providing a green installation by reducing steel up to 25%
- Can be quickly field-modified to accommodate a vast array of soffit and step conditions

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Armstrong Ceiling Solutions 90° Soffit



Drywall Grid System – Step Soffits

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® Ceiling Solutions

BENEFITS:

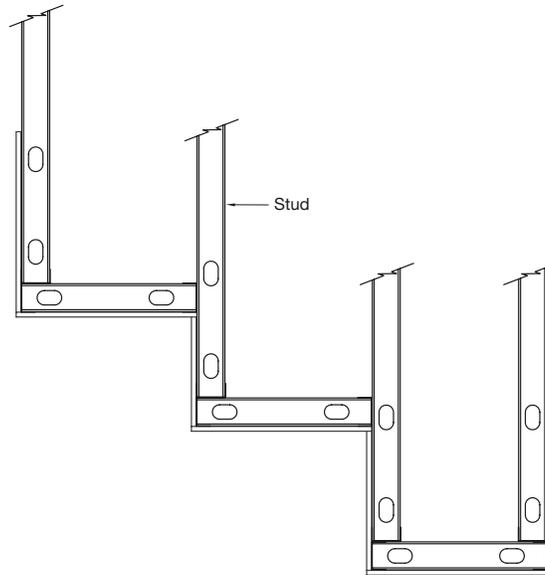
- Installation savings up to 75% compared to traditional framing
- Pre-engineered drywall grid soffits are three times faster to install than traditional stud and track framing
- Armstrong® Drywall Grid saves steel and significantly increases the modularization of the build process

FEATURES:

- SimpleSoffit™ gives you precisely notched main beams that arrive ready to install and can be quickly clicked together
- Engineered to give you design control, while providing a green installation by reducing steel up to 25%
- Can be quickly field-modified to accommodate a vast array of soffit and step conditions

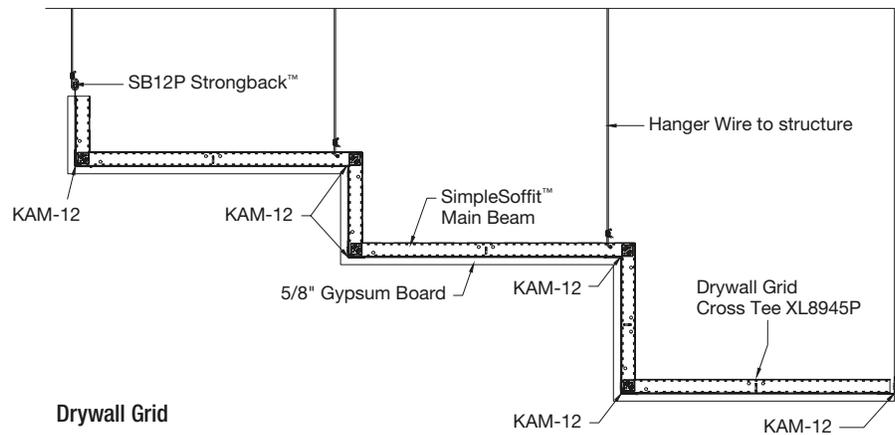
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Traditional Step Soffit

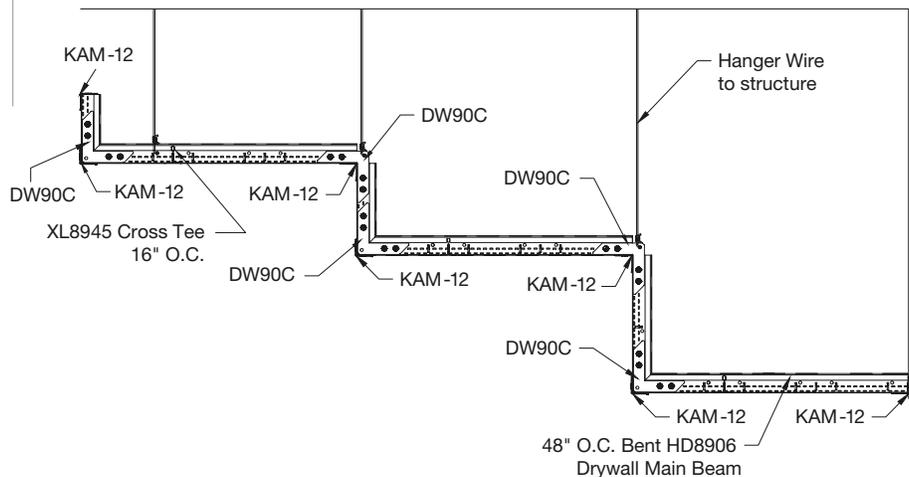


Armstrong Ceiling Solutions Step Soffit

SimpleSoffit®



Drywall Grid



Drywall Grid System – Box Framing

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® Ceiling Solutions

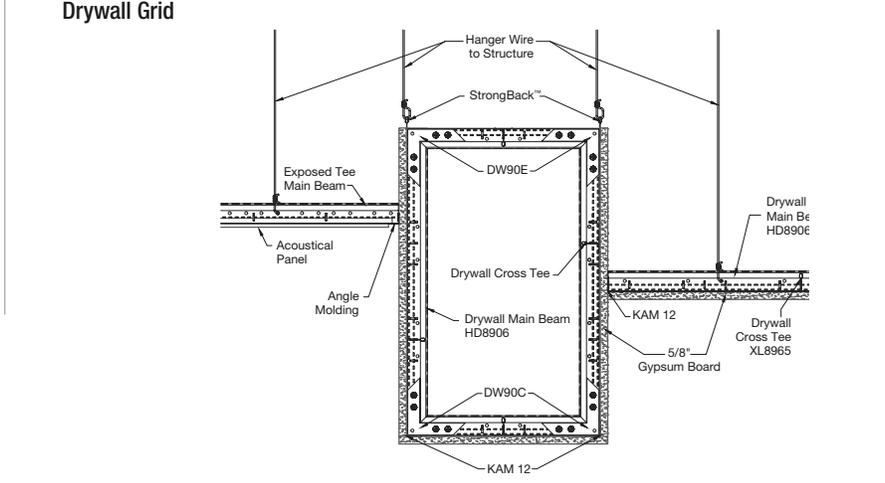
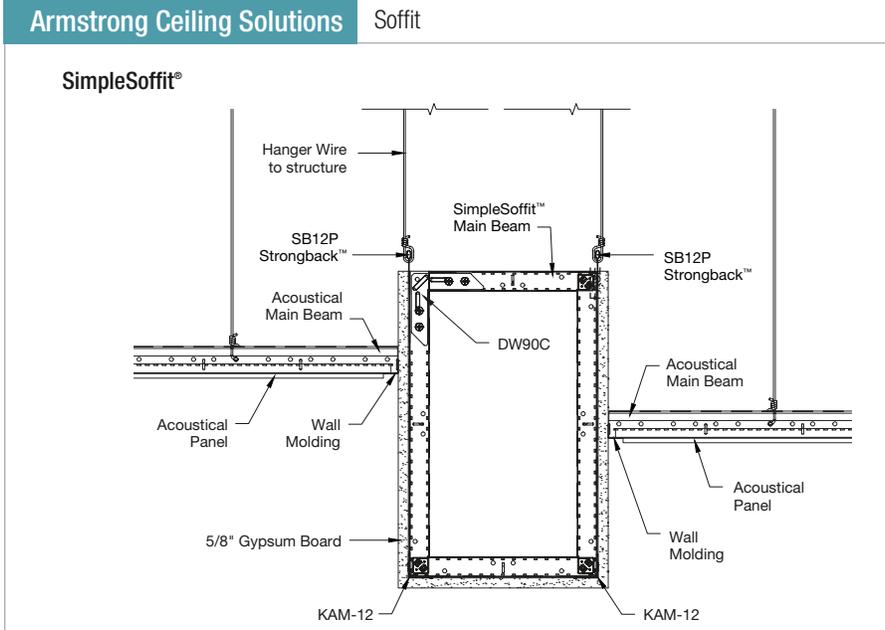
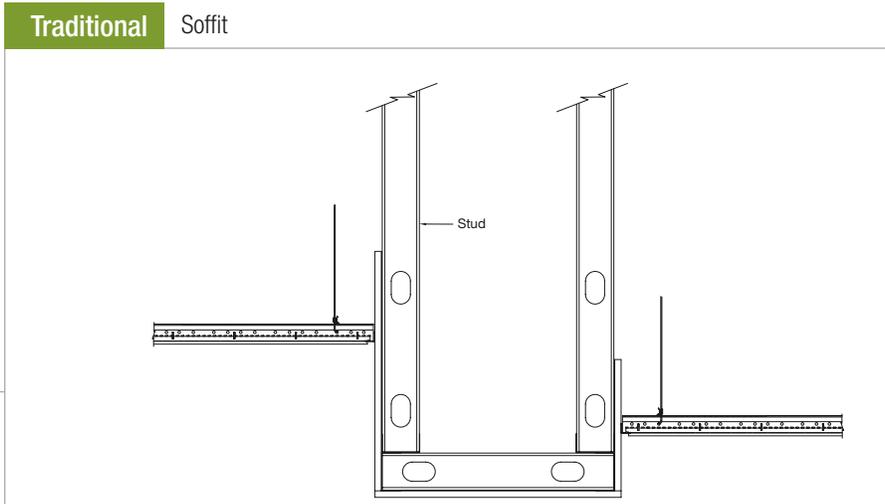
BENEFITS:

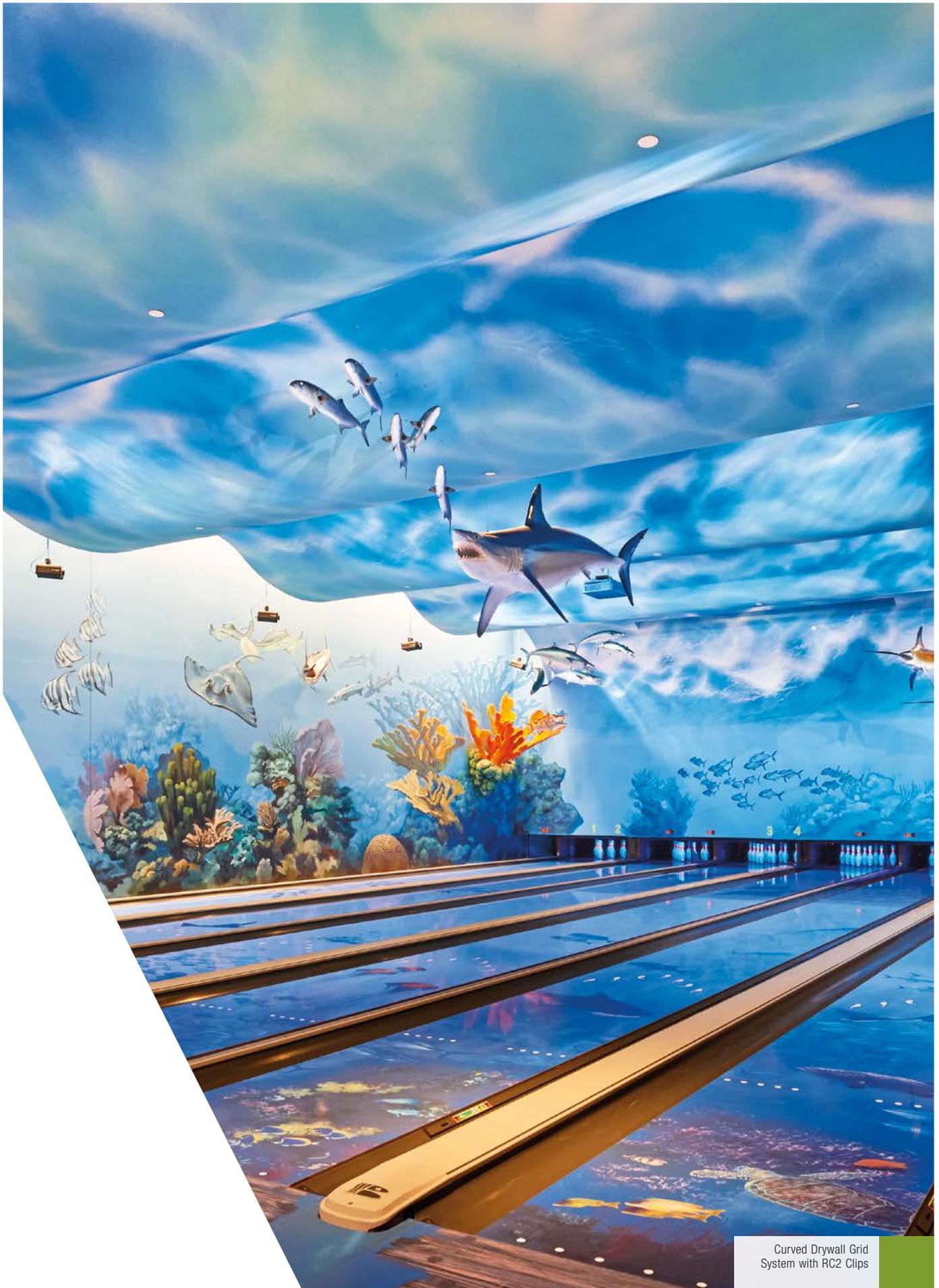
- Installation savings up to 75% compared to traditional framing
- Pre-engineered drywall grid soffits are three times faster to install than traditional stud and track framing
- Armstrong® Drywall Grid saves steel and significantly increases the modularization of the build process

FEATURES:

- SimpleSoffit™ gives you 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 to give you design control
- Provides a green installation by reducing steel up to 25%
- Can be quickly field-modified to accommodate a vast array of soffit and step conditions

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Curved Drywall Grid System with RC2 Clips

FrameAll™ Drywall Grid System – Flat and Curved Drywall Ceilings

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

Armstrong® Ceiling Solutions

BENEFITS:

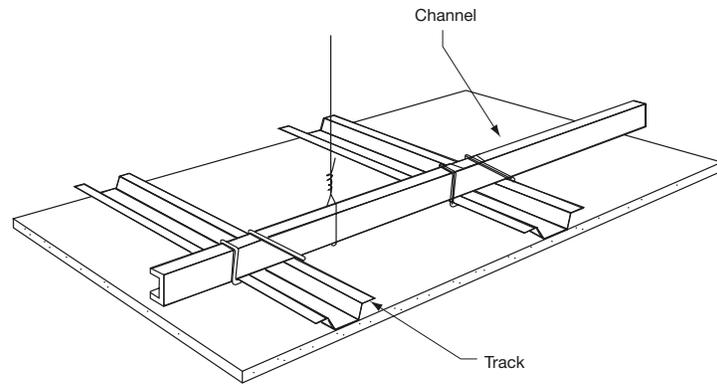
- Installation savings up to 75% compared to traditional framing
- Ultimate control of the curve – expand your design beyond traditional pre-selected or pre-determined radii
- Simplify the design of corridors, small room configurations, restrooms, and storage closets
- Engineered to use less steel than traditional drywall ceiling framing methods

FEATURES:

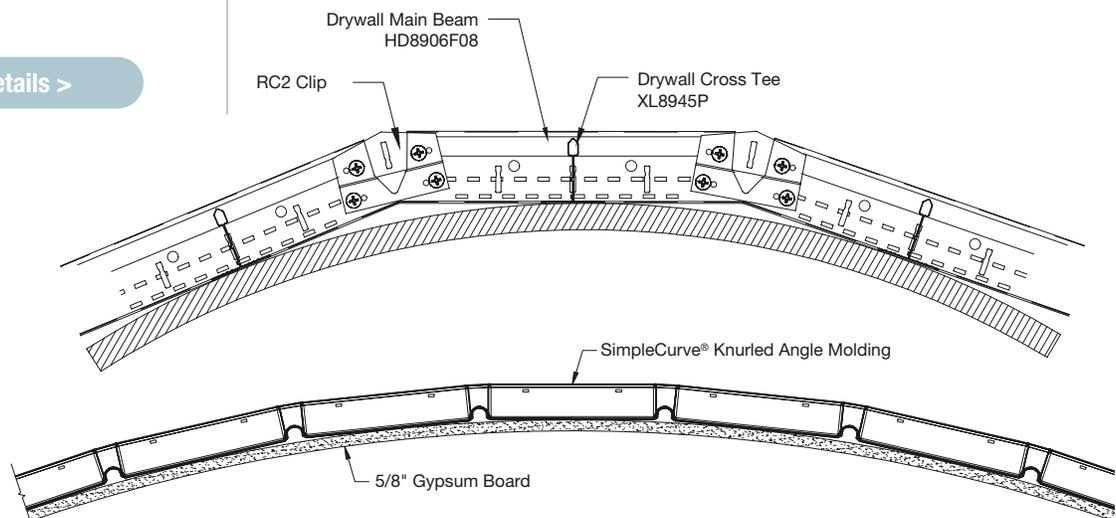
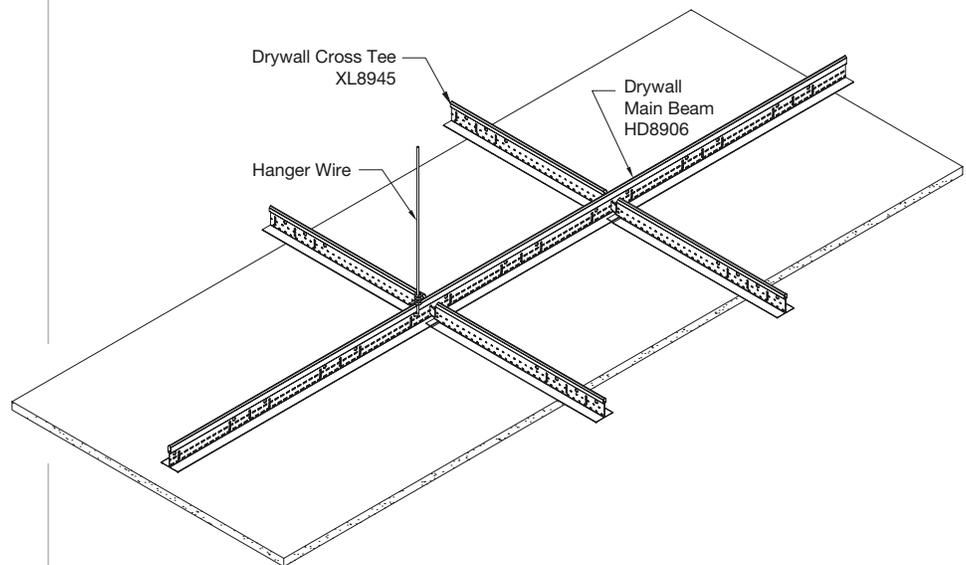
- Create custom radii to suit any design by combining our pre-notched main beam with our RC2 clip
- Engineered to give you design control, while providing a green installation by reducing steel up to 15%

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Traditional Flat Drywall



Armstrong Ceiling Solutions FrameAll™ Drywall Grid System for Flat and Curved Drywall





SingleSpan™ Acoustical
Corridor System with
Calla® Ceiling Panels

SingleSpan™ Acoustical Corridor Suspension System and ShortSpan® Drywall Grid 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® Ceiling Solutions

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
- ShortSpan supports spans up to 8'-6" with no mid-span support

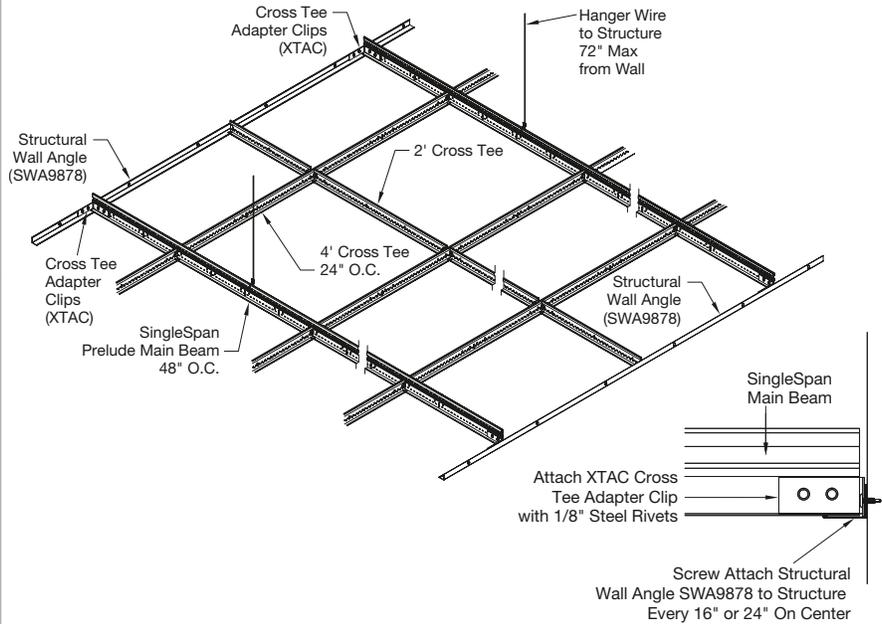
FEATURES:

- SingleSpan structural wall angle maximizes the load carrying performance
- SingleSpan and ShortSpan have been seismically tested, IAPMO and ICC-ES code compliant
- ShortSpan StrongBack™ SB12 can be used for spans beyond 8'-6"
- Locking Angle Molding – LAM12 has pre-engineered locking tabs punched 8" on center – frame 16' or 24" on center

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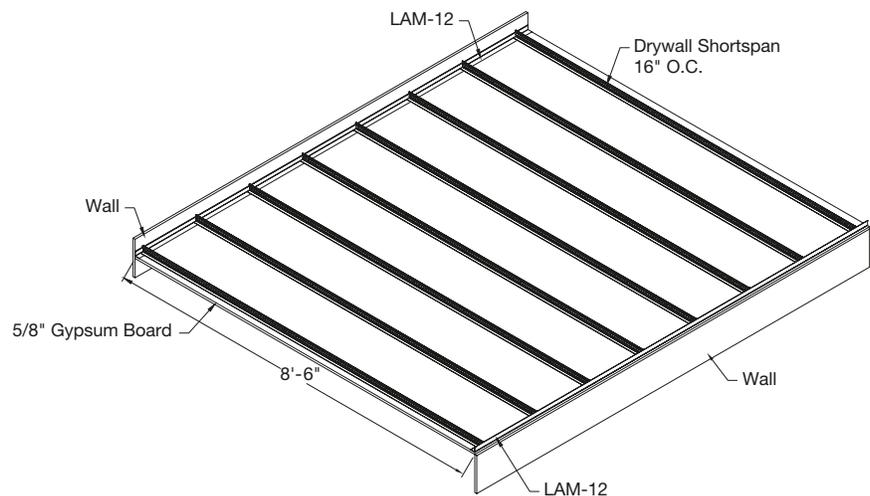
Armstrong Ceiling Solutions

SingleSpan Acoustical Corridor Suspension System

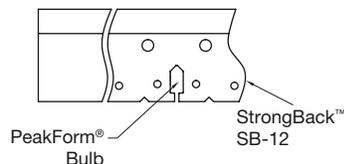


Armstrong Ceiling Solutions

ShortSpan Drywall Grid Framing System



Strongback used for spans greater than 8'-6"





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® Ceiling Solutions

BENEFITS:

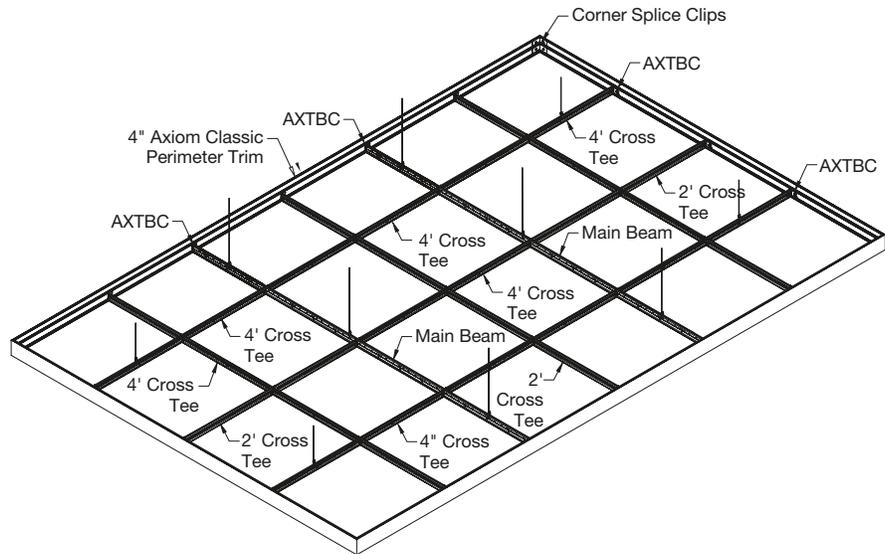
- Ideal for exposed structure areas to reduce reverberation time, reduce noise levels, and increase speech intelligibility
- Clouds appear to float and provide a clean, contemporary look with consistent fit and finish
- Kits install 55% faster than stick built clouds – no field painting or modifications

FEATURES:

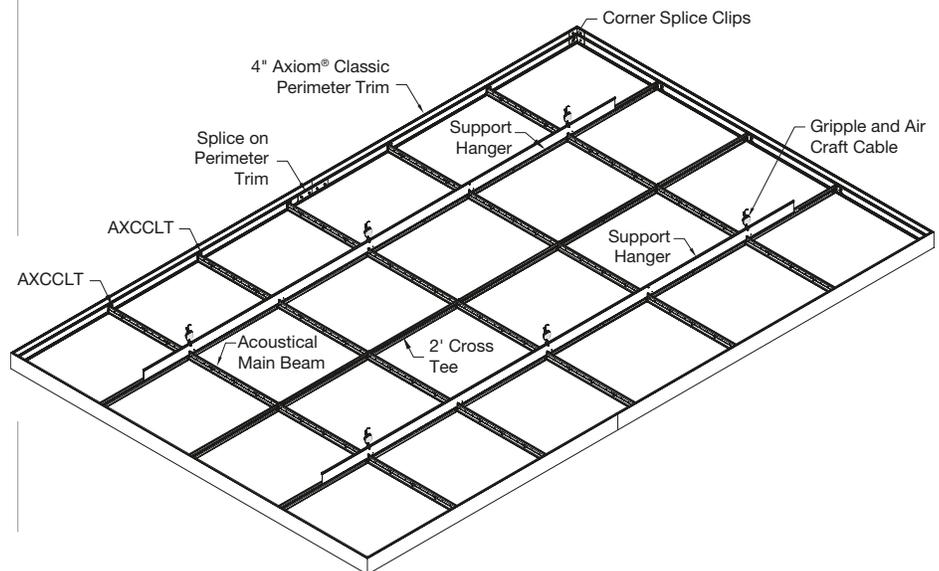
- Variety of options – including configurations, panels, sizes, trim color, lighting, and applications
- Kits come complete with our proven Support Hanger carrying channel, which eliminates 40% of the cables – minimizing visible wires
- Wide range of standard Axiom® trim and suspension system colors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

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Traditional Stick-Built Cloud



Armstrong Ceiling Solutions Formations™ Acoustical Cloud Kits



Formations™ Drywall Grid 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® Ceiling Solutions

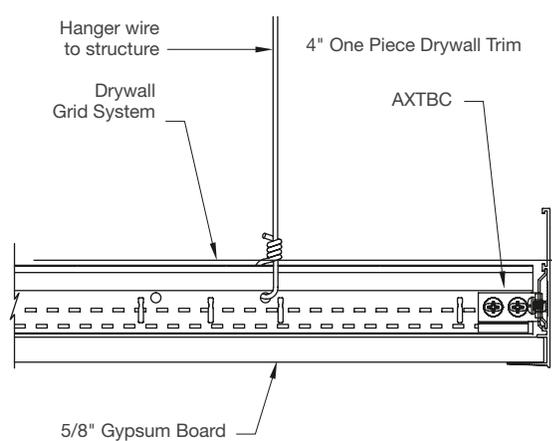
BENEFITS:

- 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

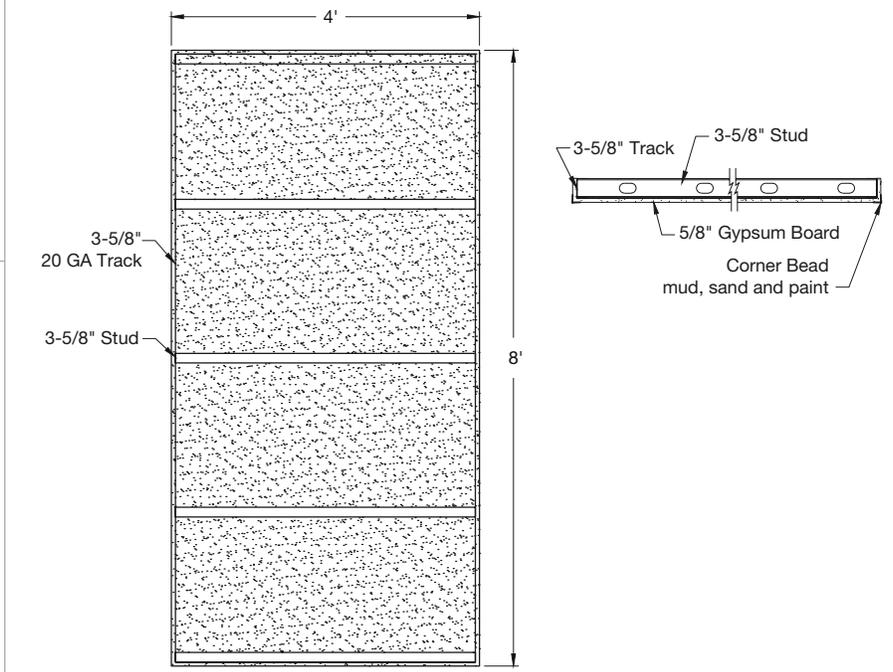
FEATURES:

- 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

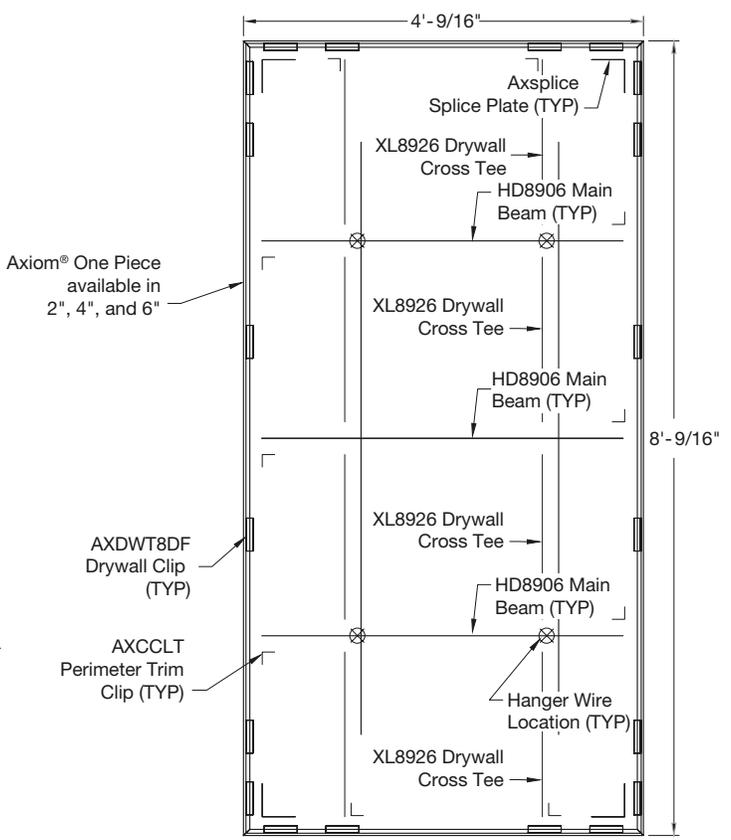
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Traditional Stud & Track Drywall Cloud



Armstrong Ceiling Solutions Formations Drywall Grid Cloud Kits



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:

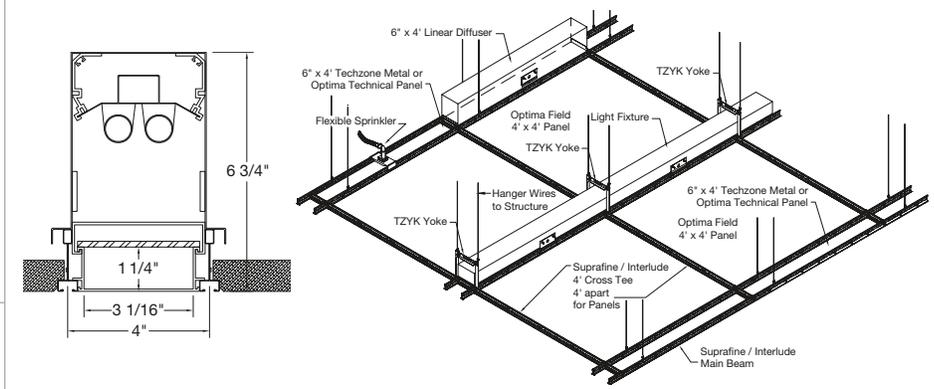
- Pre-engineered to seamlessly integrate linear lighting on-center with the grid line
- Factory finished panels and suspension system
- Zero independent suspension for lighting fixtures
- Perfectly place runs of light, create ceiling layouts to fit your building design

FEATURES:

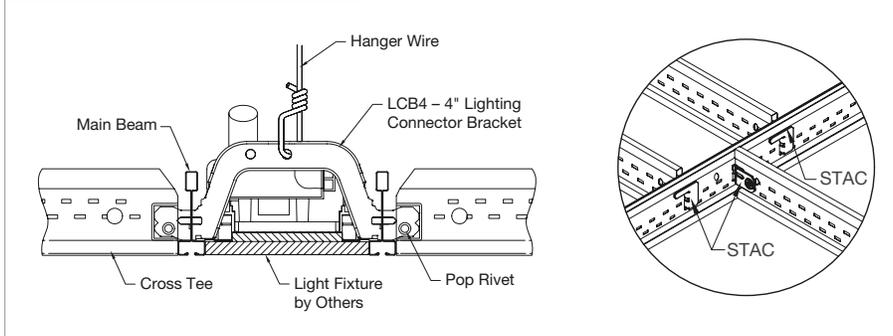
- Seamless integration between drywall ceilings and linear lighting
- Leverage long runs of light to create a monolithic look
- Varying lengths and on-center spacing true to design intent

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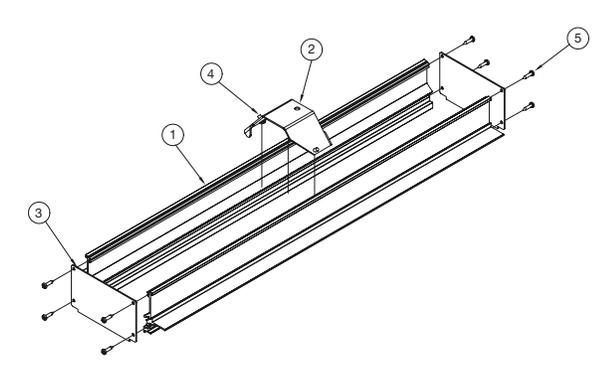
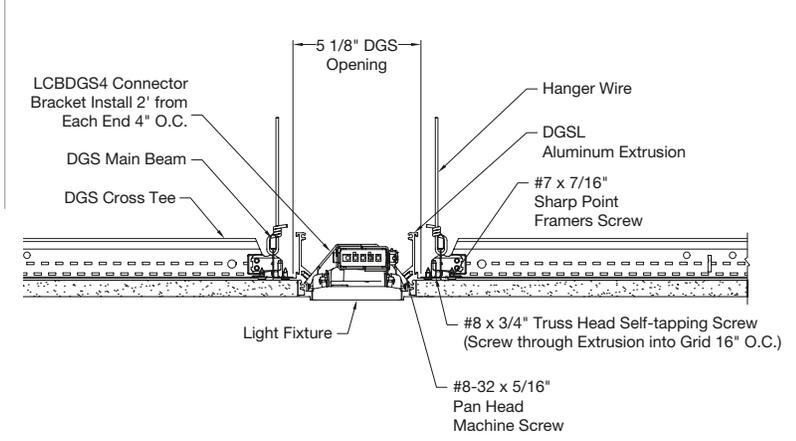
Traditional Linear Lighting



Armstrong Ceiling Solutions On-Center Linear Lighting – Acoustical



Armstrong Ceiling Solutions Linear Lighting – Drywall



Seismic Wall Molding Connection (BERC2)

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

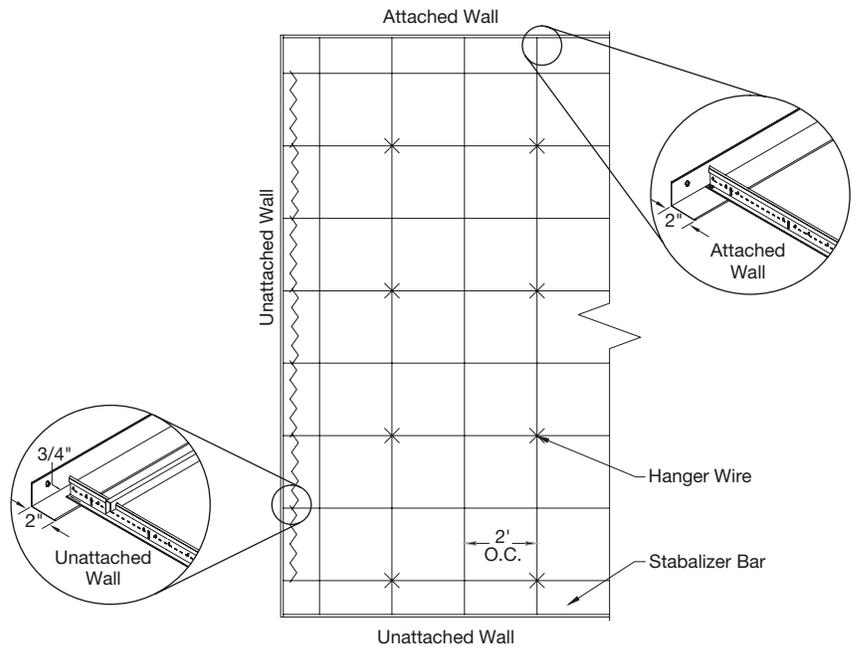
FEATURES:

- 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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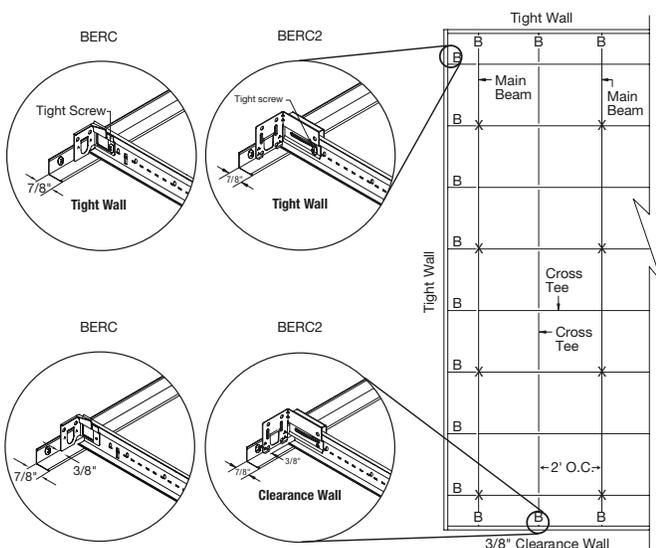
Traditional

Seismic Wall Molding Connection



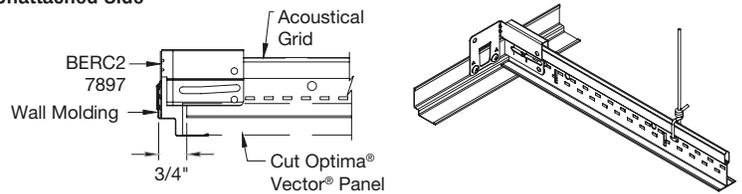
Armstrong Ceiling Solutions

Seismic Wall Molding Connection (BERC2)

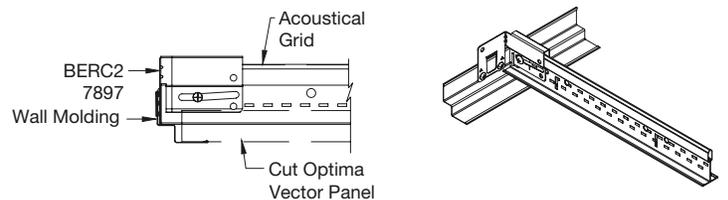


X Hanger Wire
B BERC or BERC2 Clip

Unattached Side



Attached Side



Wall Molding – GCWA and STAC Clip

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® Ceiling Solutions

GCWA BENEFITS:

- Join any main beam or cross tee to a wall molding via integral locking bars 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 mains and tees to perimeter
- Compatible with 15/16" and 9/16" Acoustical Suspension System

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

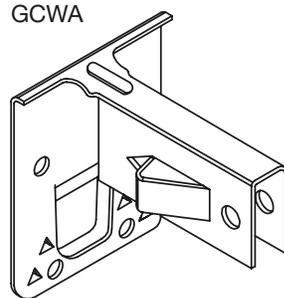
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Traditional Wall Molding Connection

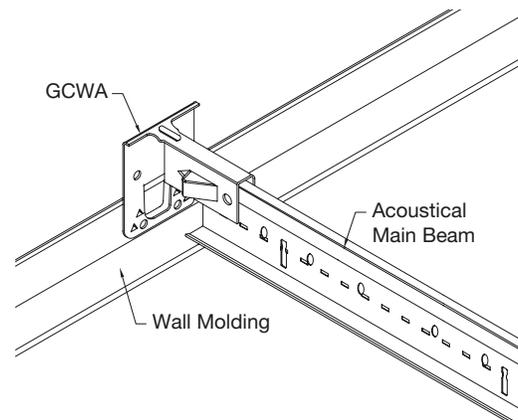


Armstrong Ceiling Solutions Wall Molding – GCWA and STAC Clip

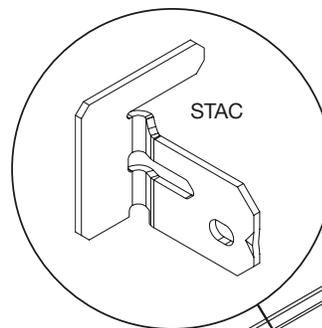
GCWA



GCWA

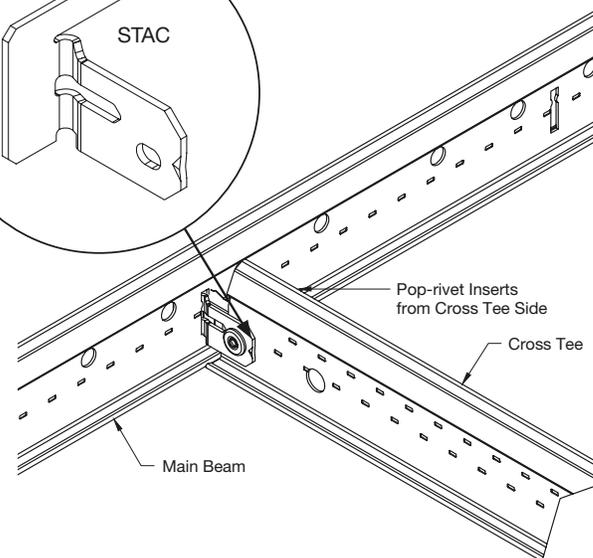
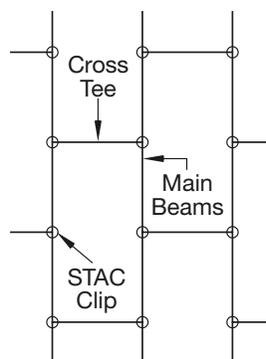


STAC



Pop-rivet Inserts from Cross Tee Side

Cross Tee





Axiom® Transitions – Acoustical-to-Drywall Elevation Change

Flush Transition

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:

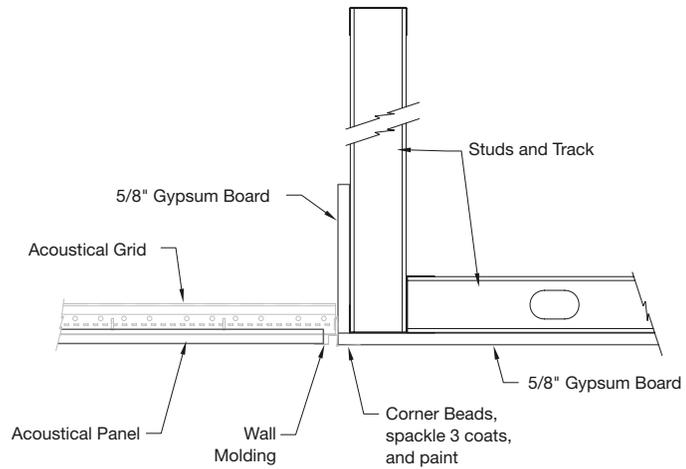
- Axiom aluminum trim provides more crisp edge detailing compared to conventional roll-formed steel systems
- Axiom acoustical-to-drywall transitions are available straight and curved for perfect fit and finish every time
- Axiom is part of the Sustain™ portfolio and meets the most stringent sustainability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

FEATURES:

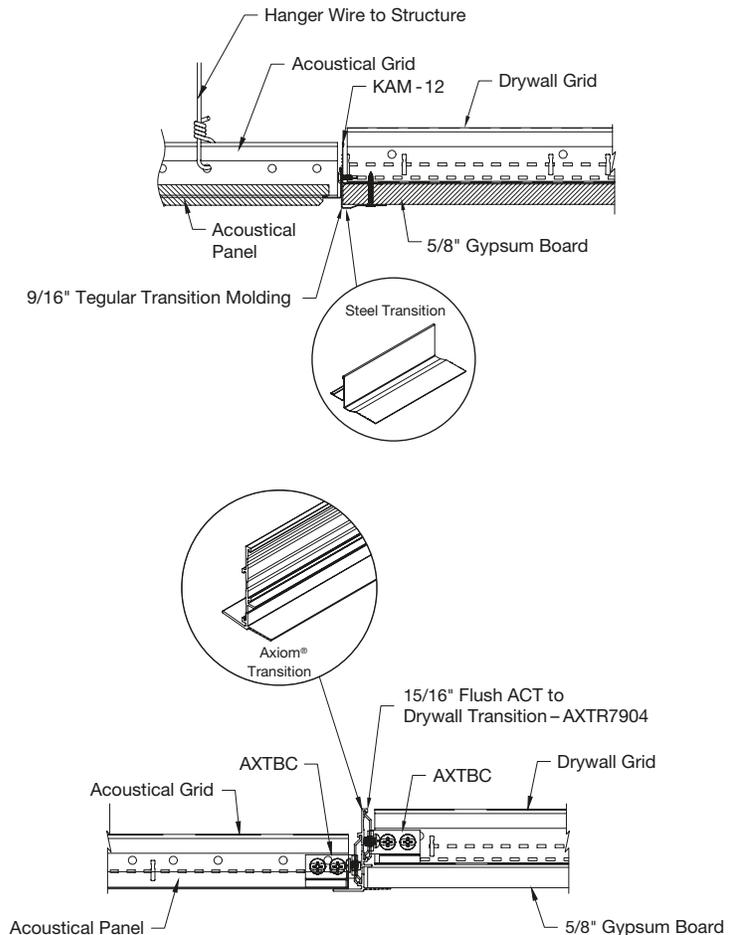
- Accommodates acoustical-to-acoustical, acoustical-to-drywall, and drywall-to-drywall
- Axiom can be straight or curved
- Compatible with Armstrong® Suspension Systems and Drywall Grid Systems

[View Master Details >](#)

Traditional Flush Transition



Armstrong Ceiling Solutions Flush Transitions



Field Transition

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

Armstrong® Ceiling Solutions

BENEFITS:

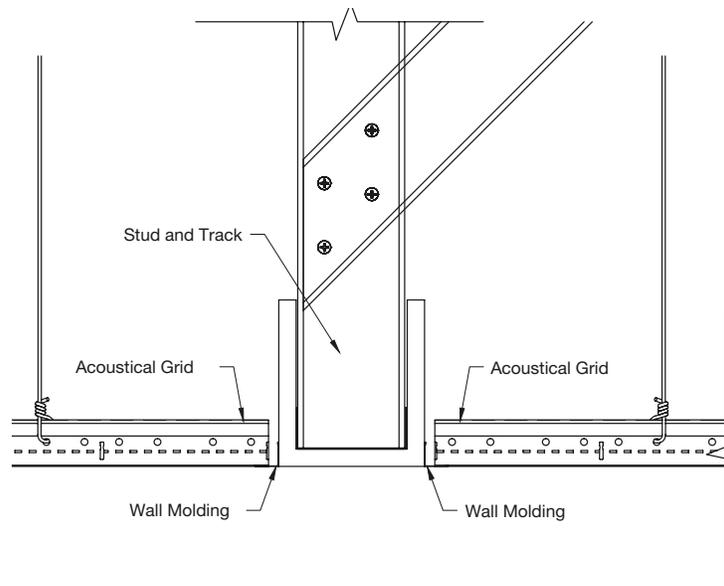
- Improved aesthetics
- Axiom® aluminum trim provides more crisp edge detailing compared to traditional stud framing bulkhead
- Axiom acoustical-to-drywall transitions are available straight and curved for perfect fit and finish every time
- Axiom is part of the Sustain™ portfolio and meets the most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

FEATURES:

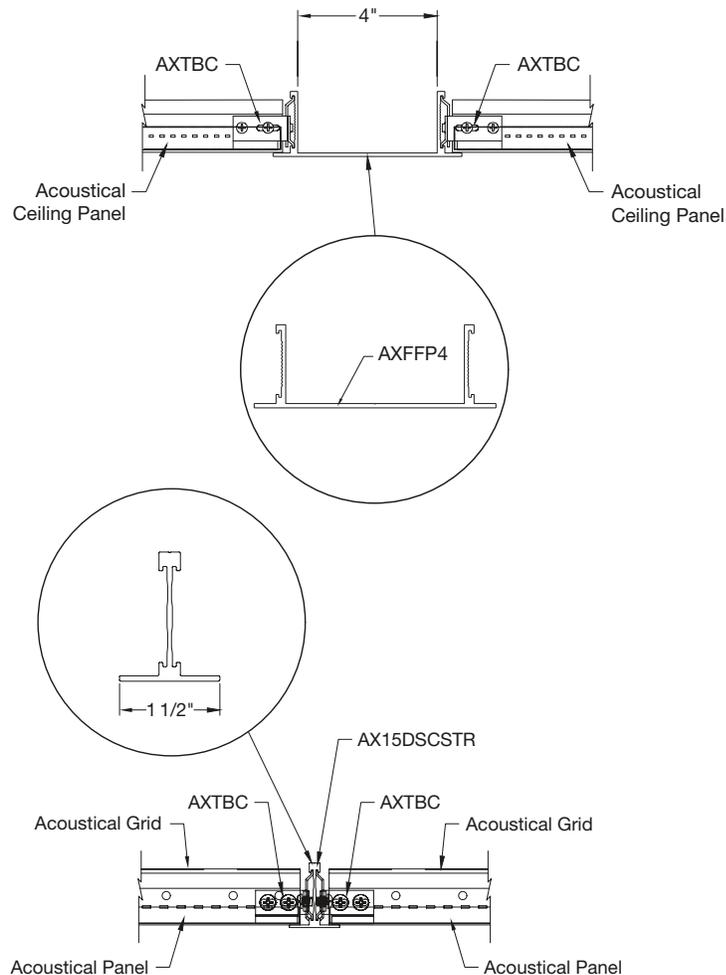
- Transition from acoustical to acoustical without dropping a stud
- Available in 1-1/2", 4", or 6" (1-1/2" used to change direction in hallways/corridors)
- Used to transition between intersecting ceiling systems or to transition between two different types of ceilings
- Acoustical-to-acoustical transitions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

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Traditional Field Transition



Armstrong Ceiling Solutions Field Transition



F-Molding Transitions

F-Molding Transitions are used to create drywall height transitions without stud and track framing eliminating the unsightly visual of stud and track framing.

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
- Axiom curved F-Molding

STEEL BENEFITS:

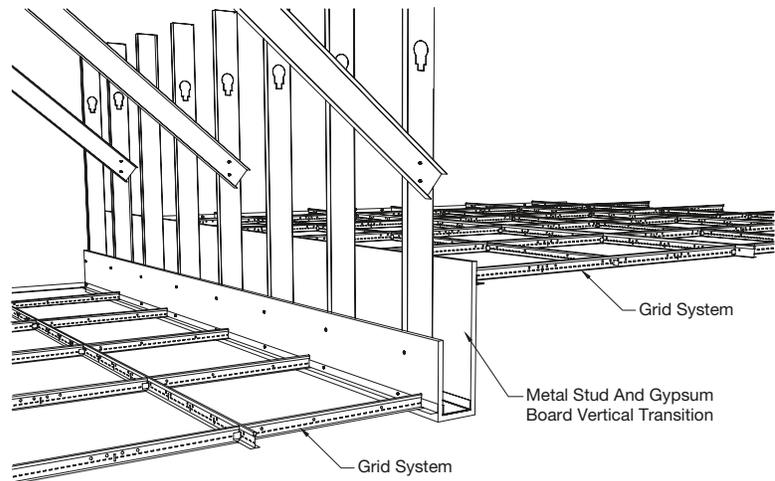
- Steel transitions are factory painted to match Armstrong® Acoustical Suspension Systems
- Roll formed steel with integrated mud flange – saving time, material, and labor on vertical transitions
- Fewer parts and pieces; integrates Acoustical Molding with a Drywall Taping Flange
- Eliminates a vertical drywall return at the transition

FEATURES:

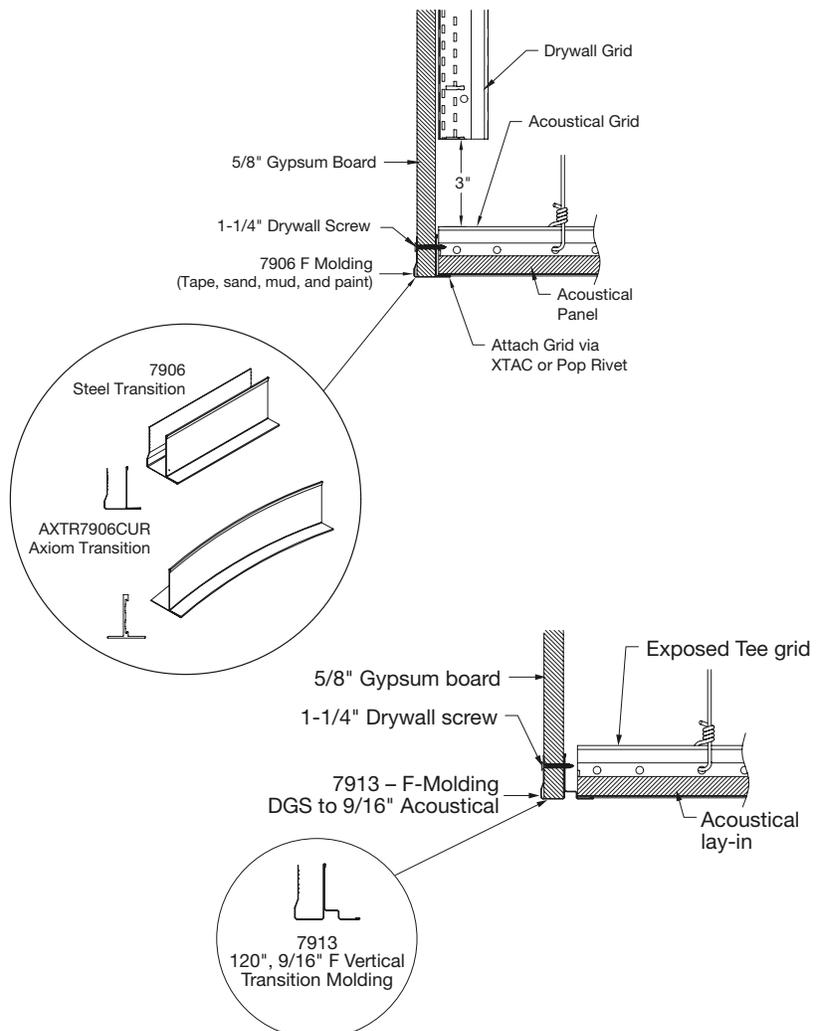
- Accommodates acoustical-to-acoustical, acoustical-to-drywall, drywall-to-drywall, and drywall-to-acoustical
- Compatible with Armstrong® Suspension Systems and Drywall Grid Systems

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Traditional Upturn Transition



Armstrong Ceiling Solutions F-Molding Transitions Greater Than 10"



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® Ceiling Solutions

BENEFITS:

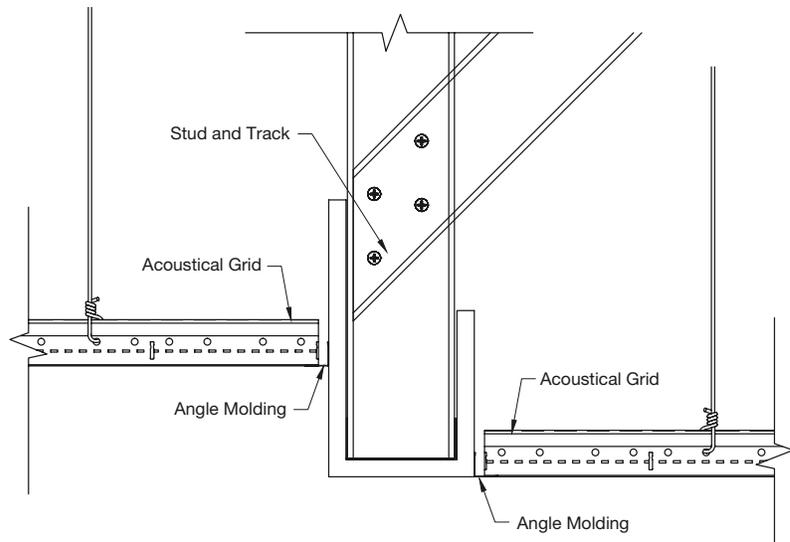
- Improved visual with up to 40% savings of installation time
- Axiom® Transitions create a smooth transition between drywall and suspended ceilings (mineral fiber, metal, or wood)
- Axiom aluminum trim provides more crisp edge detailing compared to traditional stud and drywall framing
- Axiom is part 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® 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"
- Compatible with Armstrong® Suspension Systems and Drywall Grid Systems

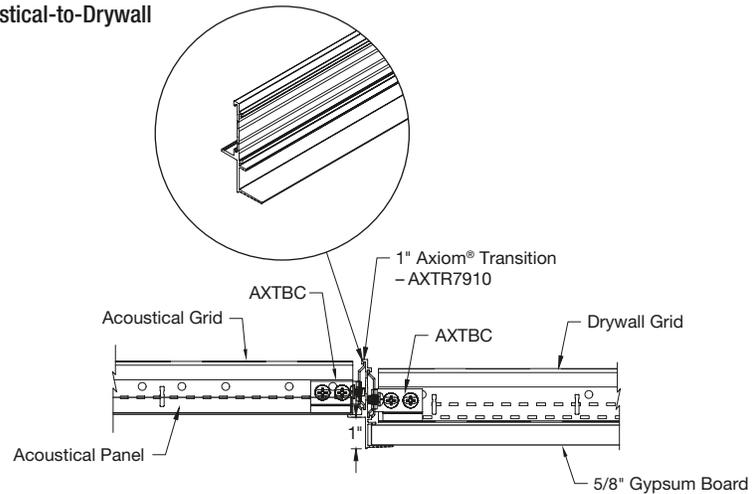
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Traditional Transition (Elevation Change)

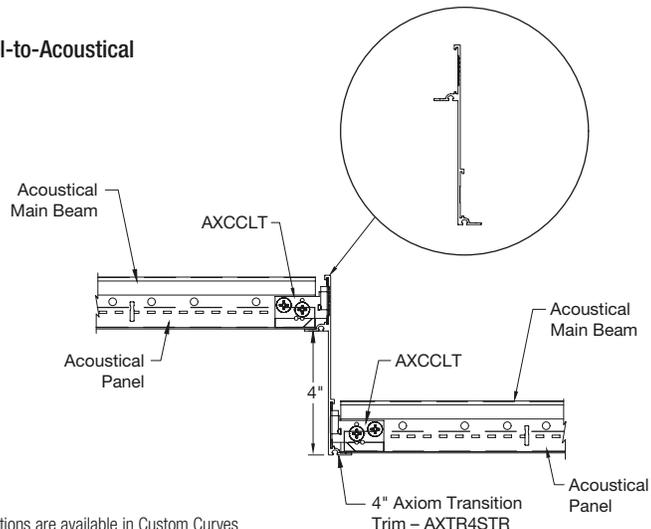


Armstrong Ceiling Solutions Straight or Curved Transitions (1" to 10" Elevation Change)

Acoustical-to-Drywall



Acoustical-to-Acoustical



*Axiom Transitions are available in Custom Curves

TAKE THE NEXT STEP

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