Ceiling Panelized Linear Product Specifications

Type: Panelized Linear

Module: Nominal Size (24" x 96")
Board Specs.: 3/4" X 4 Boards (5-1/4")

Reveal Type: Open

Finish:

Core: 3/4" Soild Wood

Veneer Species: Solid Wood Species

Rating: Class C (Class A Treatment Available)

Mounting: Direct Mount Attached to CertainTeed

15/16" HD Suspension System

Clear Topcoat, 20% sheen

Accessories: Acoustical Felt/Fleece (Optional)

Product Detail Set Contents:

PD-01: Product Details and Basic Installation

A. Panel Section View

B. Panel Back View

C. Installation Diagram Isometric View

PD-10: Typical Suspension System Layout

A. Typical Suspension System Layout Isometric View

PD-11: Typical Installation Details

A. Open Reveal Perimeter Edge Detail - Parallel

B. Open Reveal Perimeter Edge Detail - Perpendicular

C. Installation Field Cut Diagram Isometric View

PD-12: Alternate Perimeter Options

A. Continuous Shadow Molding

B. Continuous Wall Angle

C. Floating Edge Detail - Parallel

D. Floating Edge Detail - Perpendicular

See PD-13, PD-14, PD-15: Panel Mounted Perimeter Trim Installation

See PD-16, PD-17, PD-18 for Suspension System Mounted Perimeter Trim

PD-13: Panel Mounted Perimeter Trim Installation (see PD-16, PD-17, PD-18 for Suspension System Mounted Perimeter Trim)

A. Panel Mounted Perimeter Trim Detail - Parallel

B. Panel Mounted Perimeter Trim Detail - Perpendicular

C. Panel Mounted Trim Installation Back View

PD-14: Panel Mounted Perimeter Trim Installation (see PD-16, PD-17, PD-18 for Suspension System Mounted Perimeter Trim)

A. Panel Mounted Perimeter Trim Installation Isometric Back View

PD-15: Panel Mounted Perimeter Trim Installation (see PD-16, PD-17, PD-18 for Suspension System Mounted Perimeter Trim)

A. Panel Mounted Perimeter Trim Installation Isometric Face View

PD-16: Suspension System Mounted Perimeter Trim Installation (see PD-13, PD-14, PD-15) for Panel Mounted Perimeter Trim)

- A. Suspension System Mounted Perimeter Trim Detail Parallel.
- B. Suspension System Mounted Perimeter Trim Detail Perpendicular.
- C. Suspension System Mounted Trim Installation Back View

PD-17: Suspension System Mounted Perimeter Trim Installation (see PD-13, PD-14, PD-15 for Panel Mounted Perimeter Trim)

A. Suspension System Mounted Perimeter Trim Installation Isometric Back View

PD-18: Suspension System Mounted Perimeter Trim Installation (see PD-13, PD-14, PD-15 for Panel Mounted Perimeter Trim)

A. Suspension System Mounted Perimeter Trim Installation Isometric Face View

PD-19: Fixture Integration and Access Panels.

- A. Enlarged Back View at Maintenance Panel.
- B. Maintenance Panel Detail Perpendicular.
- C. Maintenance Panel Detail Parallel.
- D. Linear Light Fixture Detail Parallel.
- E. Light Fixture Detail Parallel
- F. Sprinkler Detail

PD-20: Horizontal Direct Mount Wall Installation.

- A. Horizontal Direct Mount Attachment to Wall Furring.
- B. Horizontal Direct Mount Attachment to Wall Furring Section

PD-21: Vertical Direct Mount Wall Installation.

- A. Vertical Direct Mount Attachment to Wall Furring.
- B. Vertical Direct Mount Attachment to Wall Furring Section

PD-22: CISCA Tolerances, Product Notes, and Ordering Notes



The mark of responsible farestry
FSC C151918

The mark of responsible farestry
FSC C151918

The mark of C251918

T

REVISIONS DATE

REPRESENTATIVE

PROJECT TITLE

PROJECT LOCATION

SHEET REFERENCE 6420L6 Panelized Linear

PRODUCT Ceiling Panelized Linear

SHEET TITLE

Panelized Linear 6420L6 Product Detail Set

DATE DRWN 02/12/21 A.D.

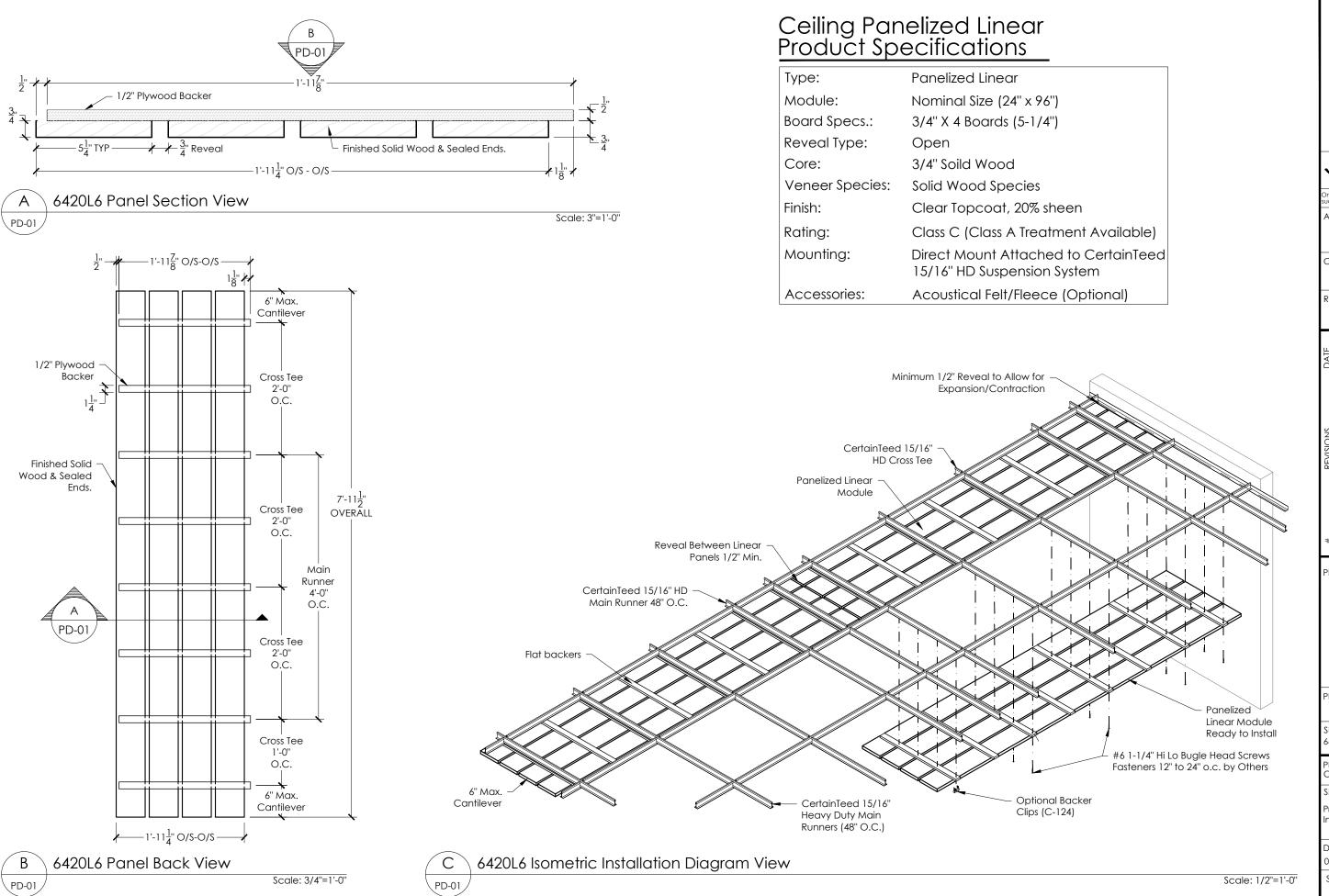
SHEET NO.

PD-00

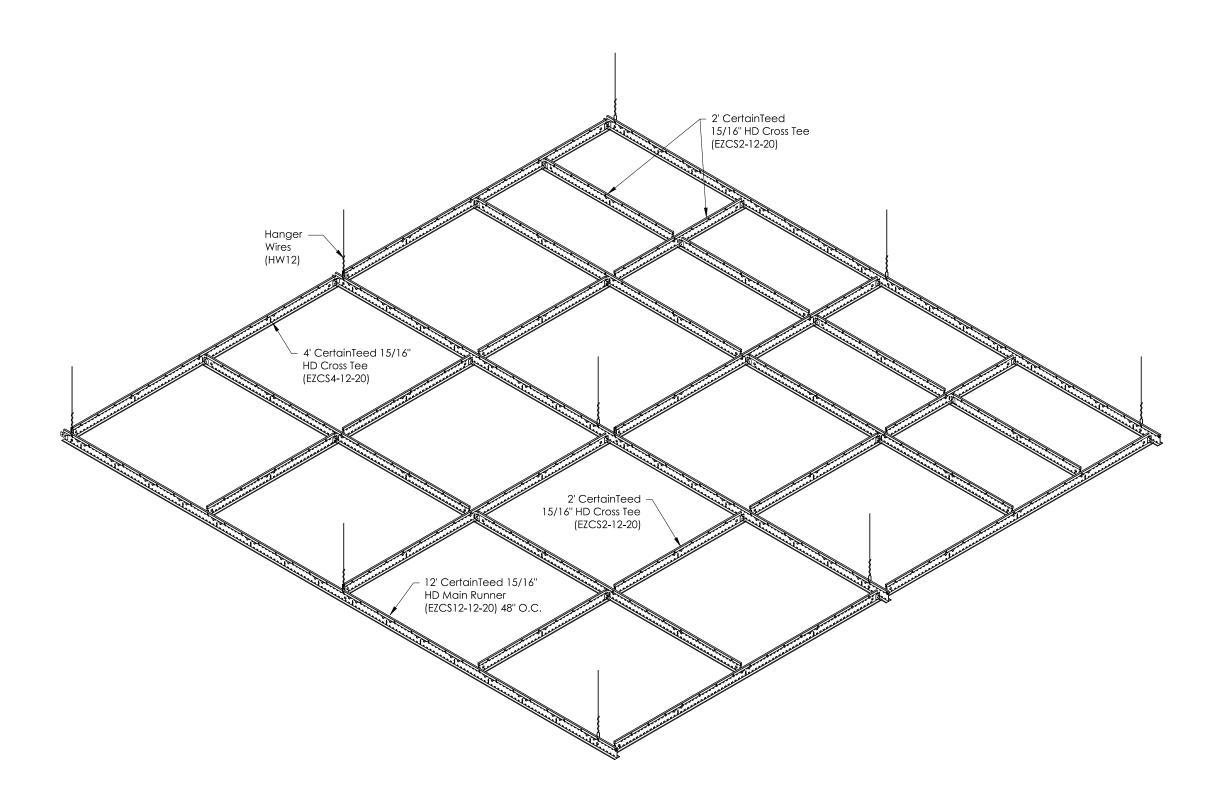
CHECK

Z.D.

These drawings show typical conditions for installing the CertainTeed Ceilings product shown. They should not be construed as a substitute for an architectural or engineering design and do not reflect the unique requirements of local codes, laws, statutes or regulations that may be applicable for a specific installation. CertainTeed Ceilings assumes no liability for the accuracy or completeness of the drawings for a specific installation or the fitness of the drawings for a particulat purpose. The user is advised to consult with local licenced design professional engineering or architectural services.



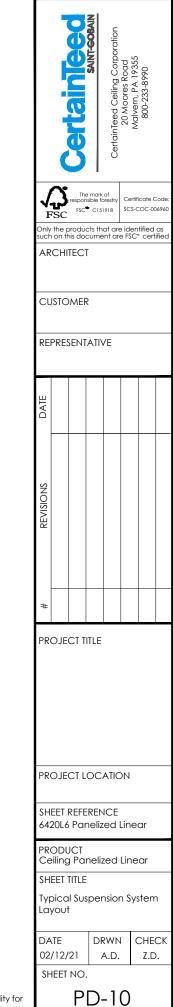
Only the products that are identified as such on this document are FSC® certifie ARCHITECT CUSTOMER REPRESENTATIVE PROJECT TITLE PROJECT LOCATION SHEET REFERENCE 6420L6 Panelized Linear PRODUCT Ceiling Panelized Linear Product Details and Basic nstallation DATE DRWN CHECK 02/12/21 A.D. SHEET NO. PD-01

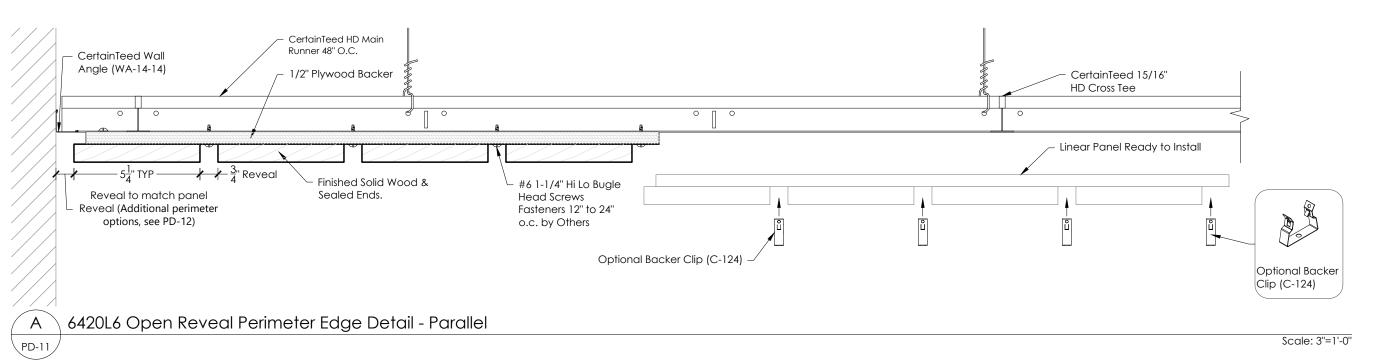


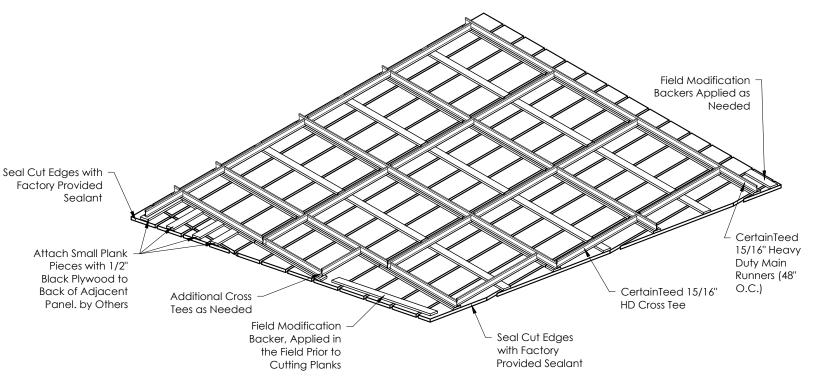
A PD-10

6420L6 Typical Suspension System Layout Isometric View

Scale: 1/2"=1'-0"

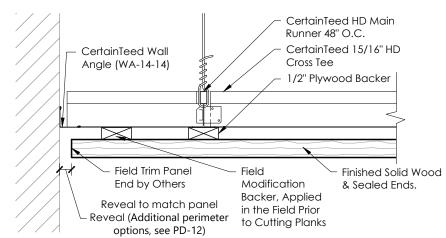








Scale: 1/2"=1'-0"



6420L6 Open Reveal Perimeter Edge Detail - Perpendicular Scale: 3"=1"-0"

Grid Guidelines:

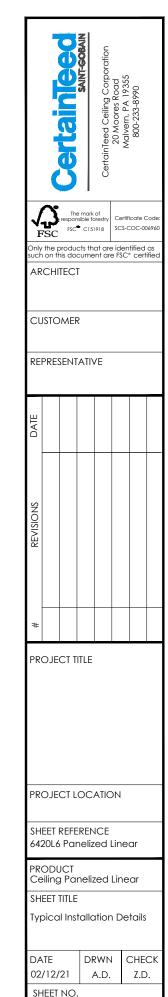
PD-11

Install panels by attaching with fasteners directly through flat backers into CertainTeed Heavy Duty Main Runners and parallel Cross Tees every 24" O.C., or use optional Backer Clip (C-124).

Maximum cantilever from plank end to last Main Tee is δ ". Note that additional Main Runners or Cross Tees may be needed in certain configurations.

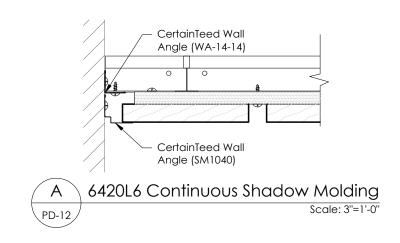
Cross Tee Required 24" O.C. between Main Runners.

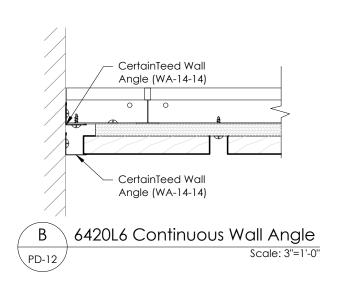
Field modified panels must attach to a minimum of (2) Main Runners - or use alternative attachment method. Loose backers provided for field modified panels.

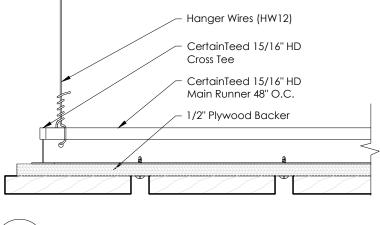


PD-11

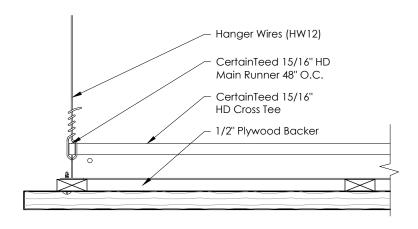
These drawings show typical conditions for installing the CertainTeed Ceilings product shown. They should not be construed as a substitute for an architectural or engineering design and do not reflect the unique requirements of local codes, laws, statutes or regulations that may be applicable for a specific installation. CertainTeed Ceilings assumes no liability for the accuracy or completeness of the drawings for a specific installation or the fitness of the drawings for a particulat purpose. The user is advised to consult with local licenced design professionals in order to assure compliance with all legal requirements. CertainTeed Ceilings is not licenced to provide professional engineering or architectural services.



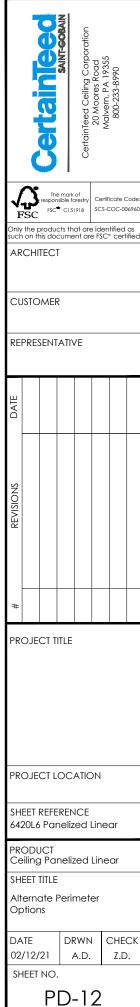




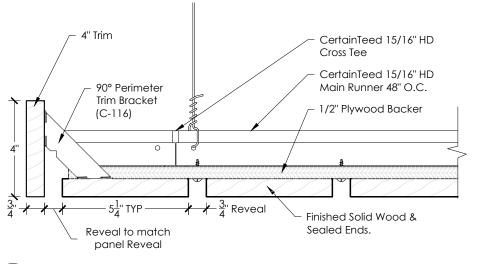


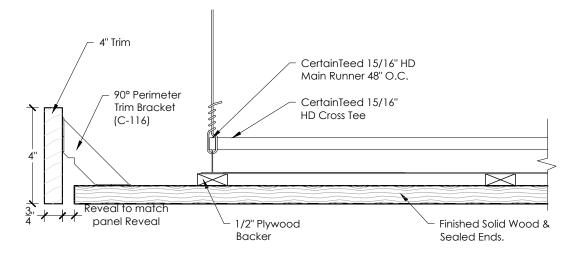






These drawings show typical conditions for installing the CertainTeed Ceilings product shown. They should not be construed as a substitute for an architectural or engineering design and do not reflect the unique requirements of local codes, laws, statutes or regulations that may be applicable for a specific installtion. CertainTeed Ceilings assumes no liability for the accuracy or completeness of the drawings for a specific installation or the fitness of the drawings for a particulat purpose. The user is advised to consult with local licenced design professional engineering or architectural services.

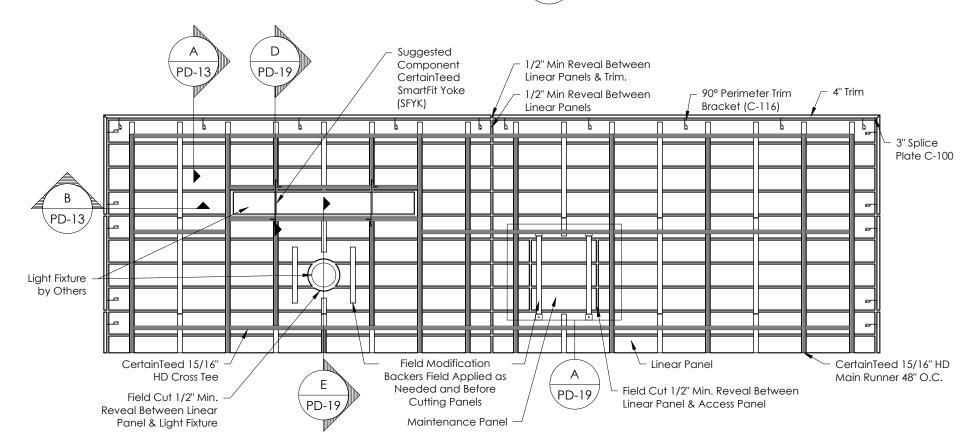




A 6420L6 Panel Mounted Perimeter Trim Detail - Parallel Scale: 3"=1'-0"

B 6420L6 Panel Mounted Perimeter Trim Detail - Perpendicular

Scale: 3"=1'-0"



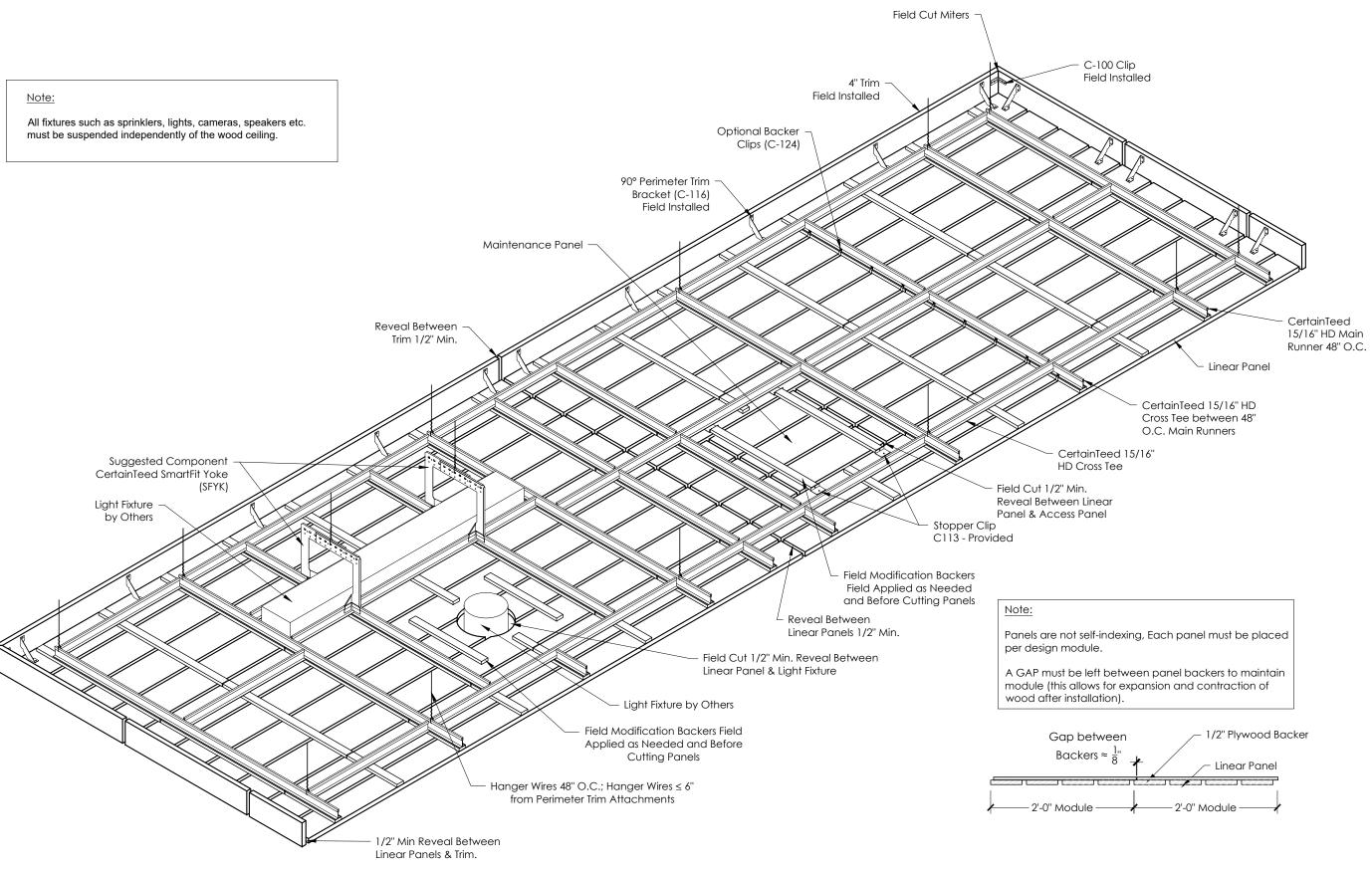
C

6420L6 Panel Mounted Trim Installation Back View

Scale: 1/2"=1'-0"

Only the products that are identified as such on this document are FSC® certifie ARCHITECT CUSTOMER REPRESENTATIVE PROJECT TITLE PROJECT LOCATION SHEET REFERENCE 6420L6 Panelized Linear PRODUCT Ceiling Panelized Linear Panel Mounted Perimeter Trir Installation (see PD-16, PD-17 PD-18 for Suspension System Mounted Perimeter Trim) DATE DRWN CHECK 02/12/21 A.D. SHEET NO.

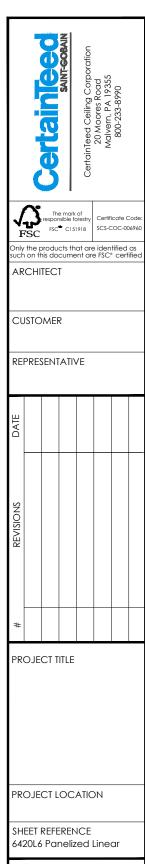
PD-13



6420L6 Panel Mounted Isometric Trim Installation Back View

Scale: 3/4"=1'-0"

These drawings show typical conditions for installing the CertainTeed Ceilings product shown. They should not be construed as a substitute for an architectural or engineering design and do not reflect the unique requirements of local codes, laws, statutes or regulations that may be applicable for a specific installtion. CertainTeed Ceilings assumes no liability for the accuracy or completeness of the drawings for a specific installation or the fitness of the drawings for a particulat purpose. The user is advised to consult with all legal requirements. CertainTeed Ceilings is not licenced to provide professional engineering or architectural services.



PRODUCT Ceiling Panelized Linear

Panel Mounted Perimeter Trir Installation (see PD-16, PD-17 PD-18 for Suspension System Mounted Perimeter Trim)

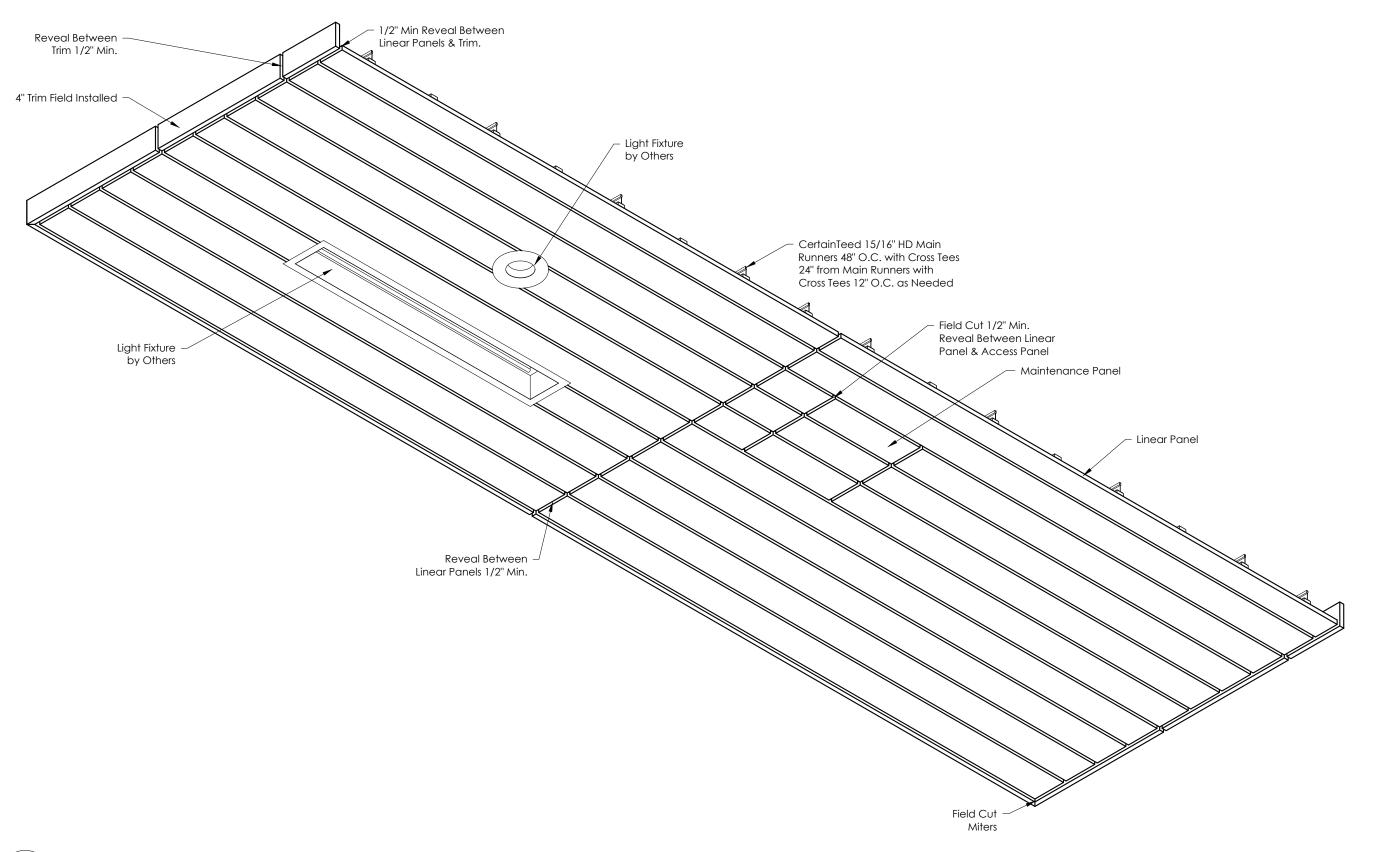
DATE DRWN 02/12/21

A.D.

SHEET NO.

PD-14

CHECK

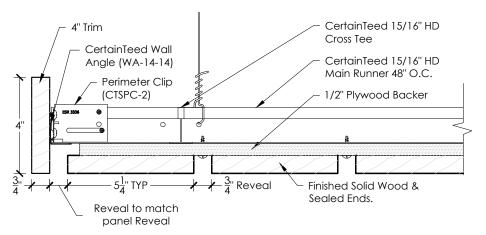


A 6420L6 Panel Mounted Perimeter Trim Installation Isometric Face View

Scale: 3/4"=1'-0"

Only the products that are identified as such on this document are FSC® certifie ARCHITECT CUSTOMER REPRESENTATIVE PROJECT TITLE PROJECT LOCATION SHEET REFERENCE 6420L6 Panelized Linear PRODUCT Ceiling Panelized Linear SHEET TITLE Panel Mounted Perimeter Trin Installation (see PD-16, PD-17, PD-18 for Suspension System Mounted Perimeter Trim) DATE DRWN CHECK 02/12/21 A.D. SHEET NO. PD-15

These drawings show typical conditions for installing the CertainTeed Ceilings product shown. They should not be construed as a substitute for an architectural or engineering design and do not reflect the unique requirements of local codes, laws, statutes or regulations that may be applicable for a specific installation. CertainTeed Ceilings assumes no liability for the accuracy or completeness of the drawings for a specific installation or the fitness of the drawings for a particulat purpose. The user is advised to consult with local licenced design professionals in order to assure compliance with all legal requirements. CertainTeed Ceilings is not licenced to provide professional engineering or architectural services.



CertainTeed 15/16" HD
Cross Tee

CertainTeed Wall
Angle (WA-14-14)

Perimeter Clip
(CTSPC-2)

1/2" Plywood Backer

Finished Solid Wood &
Sealed Ends.

Backer

6420L6 Suspension System Mounted Perimeter Trim Detail - Parallel

B 6420L6 Suspension System Perimeter Trim Detail - Perpendicular

Scale: 3"=1'-0"

Optional Trim Attachment

Optional Trim Attachment

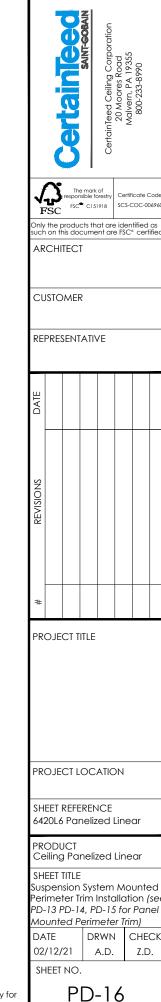
Suggested Component PD-19 PD-1 CertainTeed SmartFit Yoke 3" Splice CertainTeed Wall 1/2" Min Reveal Between (SFYK) Angle (WA-14-14) Plate C-100 Linear Panels Perimeter Clip (CTSPC-2) PD-16 Light Fixture by Others CertainTeed 15/16" -Field Modification Linear Panel CertainTeed 15/16" HD Α Backers Field Applied as HD Cross Tee Main Runner 48" O.C. Ε Needed and Before Field Cut 1/2" Min. Reveal Between PD-19 Field Cut 1/2" Min. **Cutting Panels** Linear Panel & Access Panel \PD-19 Reveal Between Linear Maintenance Panel Panel & Light Fixture

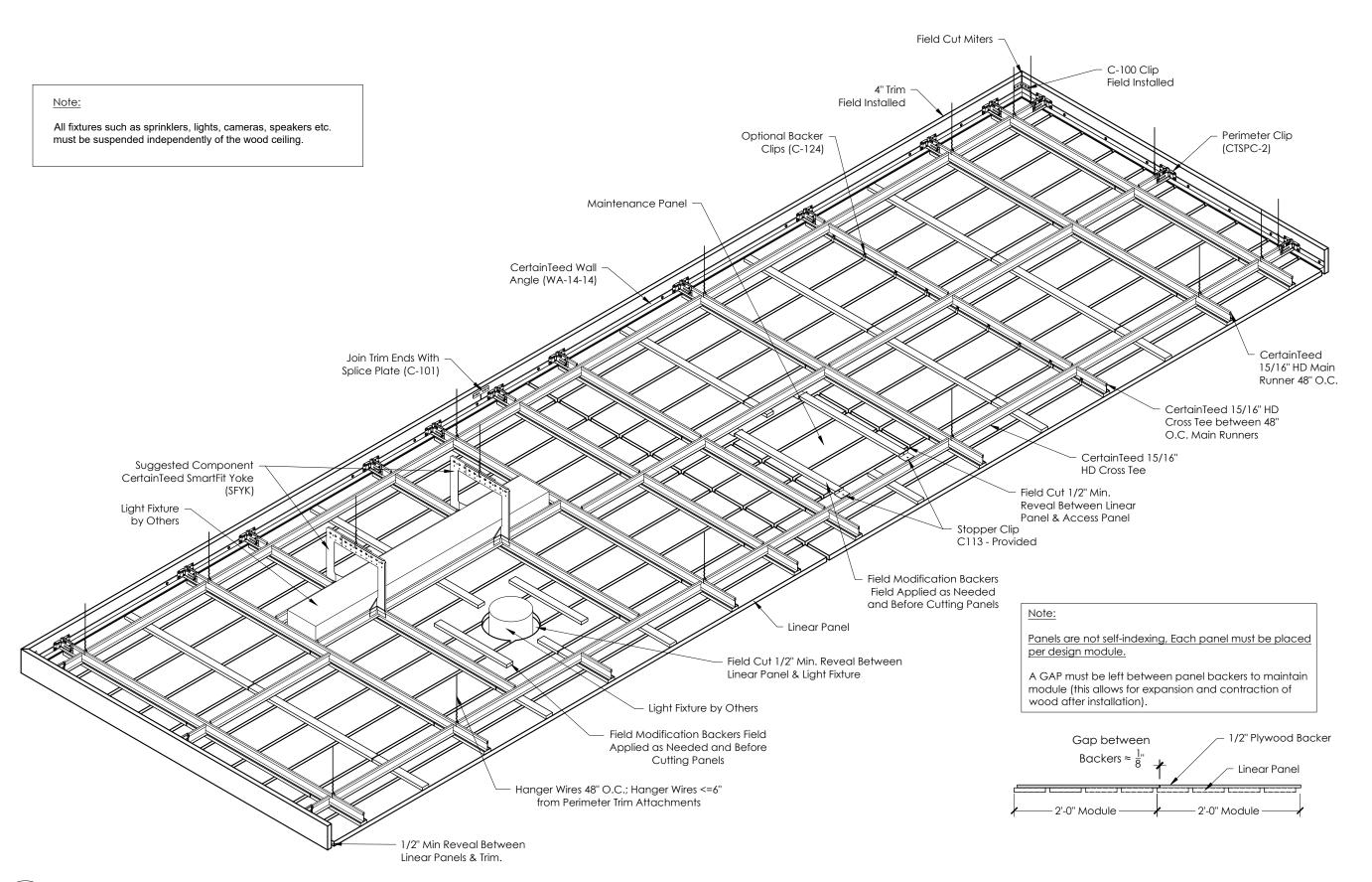
C

6420L6 Suspension System Mounted Perimeter Trim Installation Back View

Optional Trim Attachment

Scale: 1/2"=1'-0"



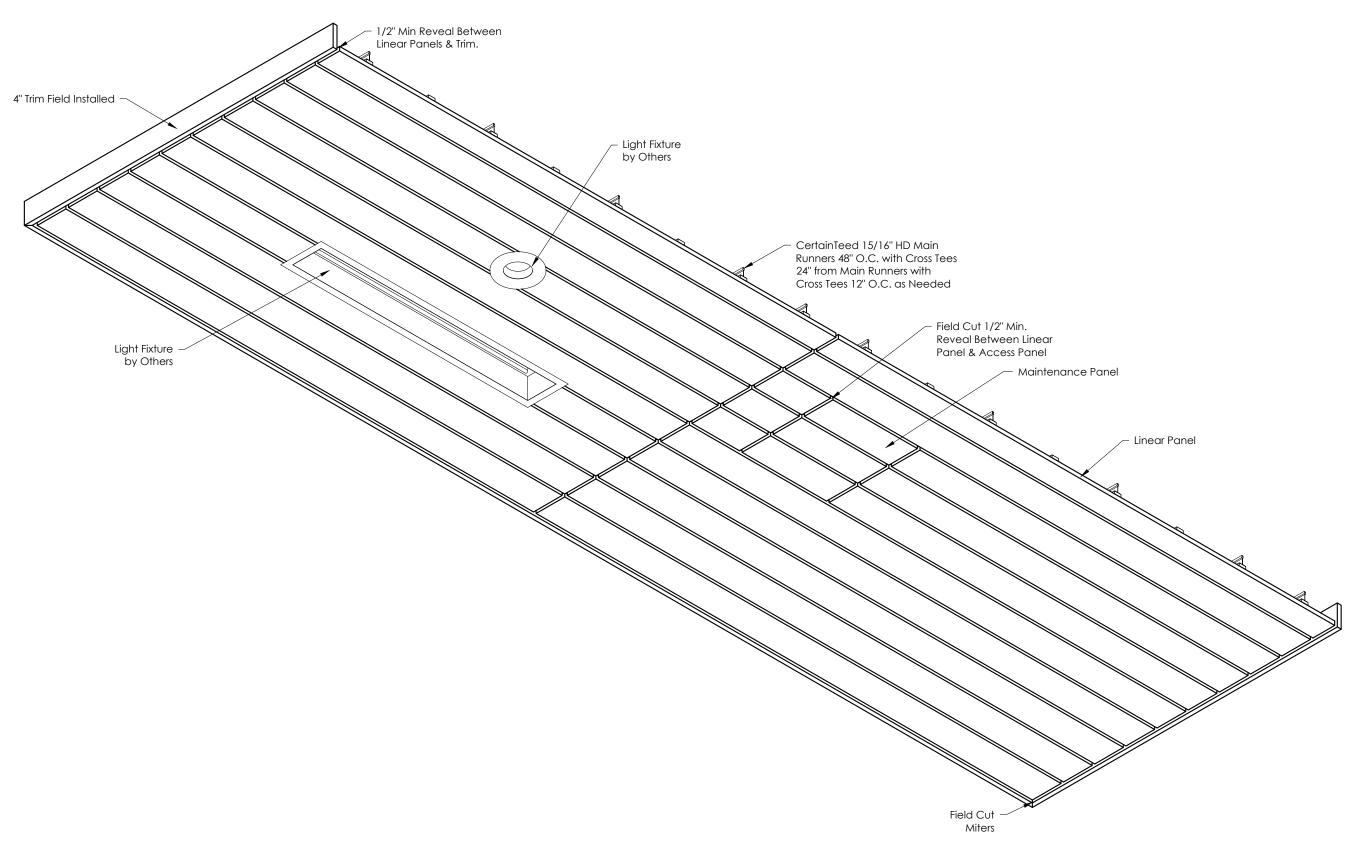


A PD-17

6420L6 Suspension System Mounted Trim Installation Isometric Back View

Scale: 3/4"=1'-0"

Only the products that are identified as such on this document are FSC® certifie ARCHITECT CUSTOMER REPRESENTATIVE PROJECT TITLE PROJECT LOCATION SHEET REFERENCE 6420L6 Panelized Linear PRODUCT Ceiling Panelized Linear Suspension System Mounted Perimeter Trim Installation (se PD-13 PD-14, PD-15 for Panel Mounted Perimeter Trim) DATE DRWN CHECK 02/12/21 A.D. SHEET NO. PD-17



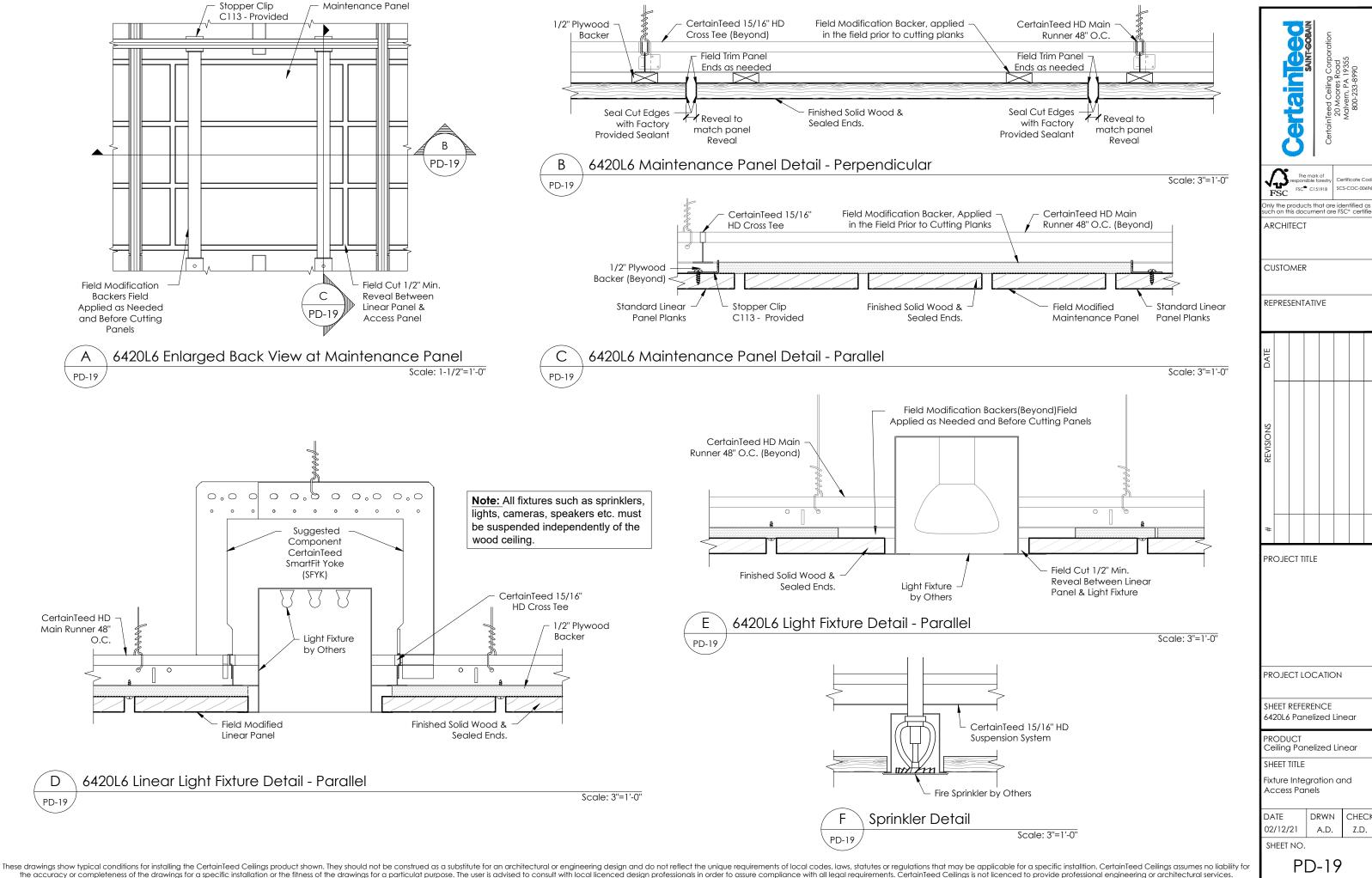
A PD-18

6420L6 Suspension System Mounted Trim Installation Isometric Face View

Scale: 3/4"=1'-0"

Only the products that are identified as such on this document are FSC® certifie ARCHITECT CUSTOMER REPRESENTATIVE PROJECT TITLE PROJECT LOCATION SHEET REFERENCE 6420L6 Panelized Linear PRODUCT Ceiling Panelized Linear Suspension System Mounted Perimeter Trim Installation (se PD-13 PD-14, PD-15 for Panel Mounted Perimeter Trim) DRWN CHECK DATE 02/12/21 A.D. SHEET NO.

PD-18

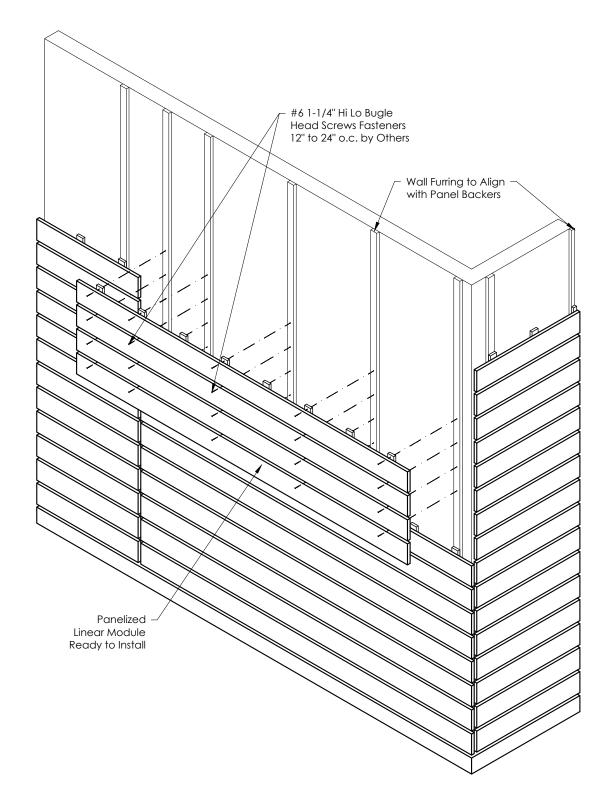


the accuracy or completeness of the drawings for a specific installation or the fitness of the drawings for a particulat purpose. The user is advised to consult with all legal requirements. CertainTeed Ceilings is not licenced to provide professional engineering or architectural services.

Only the products that are identified as such on this document are FSC® certifie

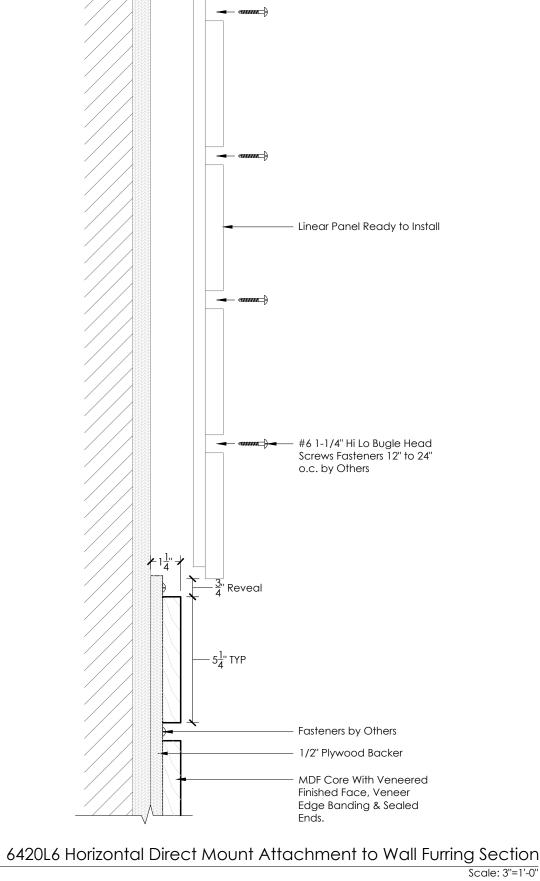
Note: Wall Mount for Z-Clip/Cleat Applications available: 6020L6 (Composite Wood)

Note: Wall Mounted Panels are made with 2-1/2" Wide Backers



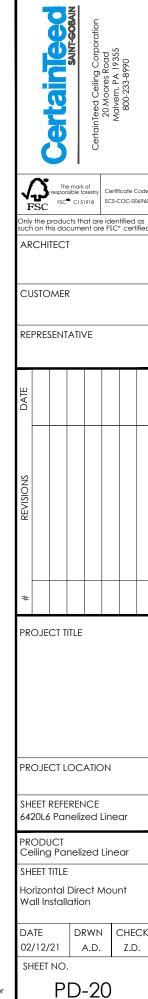
A 6420L6 Horizontal Direct Mount Attachment to Wall Furring

Scale: 1/2"=1'-0"



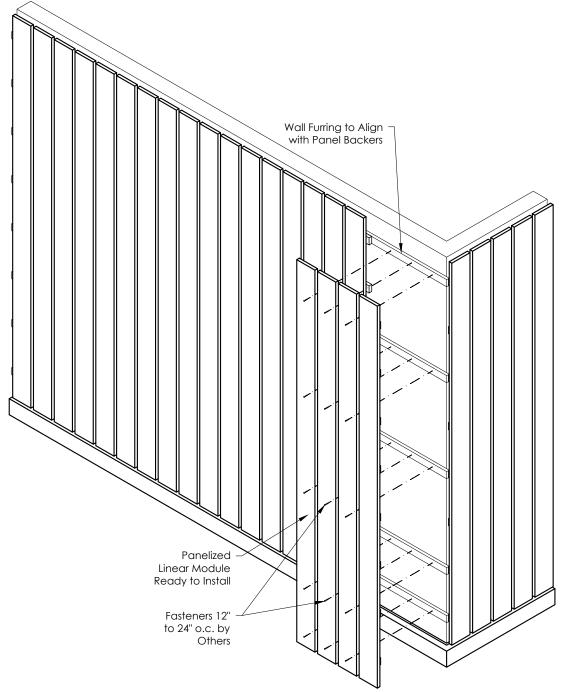
Structural Wall by Others

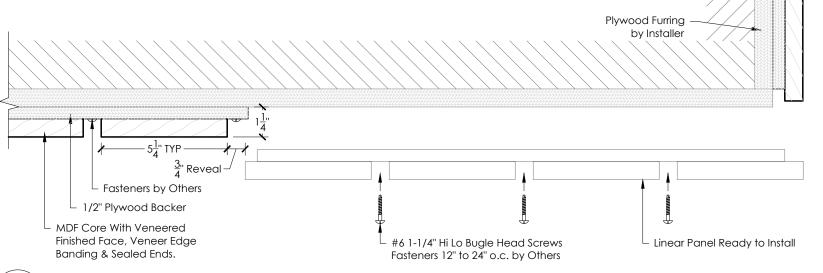
Plywood Furring by Installer



Note: Wall Mount for Z-Clip/Cleat Applications available: 6020L6 (Composite Wood)

Note: Wall Mounted Panels are made with 2-1/2" Wide Backers





6420L6 Vertical Direct Mount Attachment to Wall Furring Scale: 1/2"=1'-0" PD-21

6420L6 Vertical Direct Mount Attachment to Wall Furring Section

Scale: 3"=1'-0"

Structural Wall by Others

PD-21 SHEET NO. PD-21 These drawings show typical conditions for installing the CertainTeed Ceilings product shown. They should not be construed as a substitute for an architectural or engineering design and do not reflect the unique requirements of local codes, laws, statutes or regulations that may be applicable for a specific installtion. CertainTeed Ceilings assumes no liability for the accuracy or completeness of the drawings for a specific installation or the fitness of the drawings for a particulat purpose. The user is advised to consult with all legal requirements. CertainTeed Ceilings is not licenced to provide professional engineering or architectural services.

Only the products that are identified as such on this document are FSC® certifie ARCHITECT

CUSTOMER REPRESENTATIVE

PROJECT LOCATION

PROJECT TITLE

SHEET REFERENCE 6420L6 Panelized Linear

PRODUCT Ceiling Panelized Linear

Vertical Direct Mount Wall Installation

DATE DRWN CHECK 02/12/21 A.D.

Linear Wood - Rectangular boards oriented horizontally.		
Board Length: ± 0.062" (1/16")	Blade Width: ± 0.062" (1/16")	
Board Thickness	± 0.031" (1/32")	
Linear Reveal Width (D)	≤ 0.062" (1/16")	
Bowing (Upward in 24")	≤ 0.062" (1/16")	
Crook (Deviation in 24")	± 0.062" (1/16")	
Cupping (6" wide board)	± 0.031" (1/32")	
Board end squareness	± 0.25"	
(F)= Per 6" high blade		

Wood Veneer Panels - Square or rectangular boards oriented hor Includes independently suspended and lay-in panels.		
	Panel Width/Length: ± 0.062" (1/16")	Panel Thickness: ± 0.031" (1/32")
	Panel Squareness Diagonals up to 60" Diagonals over 60" to 120"	± 0.062 (1/16") ± 0.125 (1/8")
	Cupping (deviation from flatness) at midpoint, diagonal to 60" at midpoint, diagonal over 60"	± 0.125 (1/8") ± 0.187 (3/16")
	Bowing (along edge) along length up to 24" along length 24" to 48" along length 48" to 96"	± 0.062" (1/16") ± 0.125" (1/8") ± 0.187" (3/16")
	Panel-to-Panel stepping (g)	± 0.062" (1/16")
	(G)= Installed allowance between panels	

Ordering Notes:

All dimensions are shown for reference and will have to be modified for field installation. Dimensions are to be field verified prior to fabrication. Changes in dimensions may result in quantity adjustments. Closet stock and spares are not included and must be added to quantity shown if needed. Utilize the use of cut-offs where appropriate - product quantities based on partial products being used.

Suspension System Components and Accessories:

CertainTeed 15/16" & 9/16"HD acoustical suspension systems sold separately. Visit www.certainteed.com/suspension-systems/ for more information and purchasing options.

Installation Notes:

Wood is a natural material with varying grain and color characteristics, making each installation uniquely beautiful. Characteristics may vary from panel to panel. If desired, for greater visual consistency, the products should be laid out and arranged in advance of installation to achieve the desired effect. All products should be reviewed before installation to avoid undesirable visual pattern because of natural color and grain variations.

Wood panels must be acclimatized for 72 hours prior to installation. Maintain relative humidity between 25% and 55% and temperature between 50°F and 86°F (10°C and 30°C) for the life of the product, unless otherwise noted in order, quote, and submittal documents. Fixtures and MEP devices to be hung independently from ceiling support system.

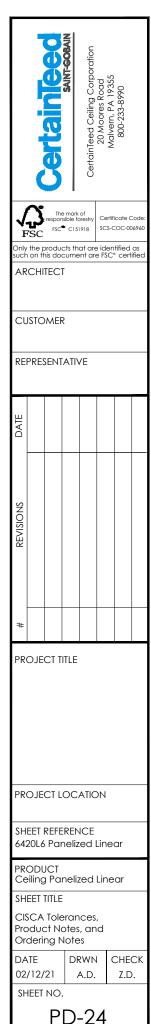
Fixtures and MEP devices may include but are not limited to: light fixtures, HVAC diffusers, sprinkler heads and/or piping, speakers, security cameras, components, décor, etc.

Reflected ceiling drawings will include penetrations of limited light fixtures and HVAC registers only when the size of the wood is impacted. Other penetrations, including but not limited to sprinklers, security cameras audio-visual, etc., Are typically not included in the drawing set as placement and code requirements vary by product and jurisdiction.

Fixtures and MEP devices shown are for reference only; unless otherwise noted all fixtures and MEP devices by others. Contractor to follow CISCA guidelines for suspension system installation. Wood ceilings are typically heavier than other ceiling products. Follow manufacturer load requirements and installation specifications based on the weights and dimensions of product being installed.

All field cut products must be sealed with a clear sealer or stained then sealed.

See Product Detail Sets for edge condition details.



These drawings show typical conditions for installing the CertainTeed Ceilings product shown. They should not be construed as a substitute for an architectural or engineering design and do not reflect the unique requirements of local codes, laws, statutes or regulations that may be applicable for a specific installation. CertainTeed Ceilings assumes no liability for the accuracy or completeness of the drawings for a specific installation or the fitness of the drawings for a particulat purpose. The user is advised to consult with local licenced design professional engineering or architectural services.