

Installation Manual – Column, Beams & Privacy Walls / Screens



Revised: August 22, 2025

Supersedes July 30th, 2024.



Scan Code for Install Videos for both Soffits and Walls.

Table of Contents

1.0 BEFORE YOU BEGIN	4
2.0 FIRST STEPS FOR A SUCCESSFUL INSTALLATION	5
2.1 Transportation, Proper Handling & Storage	5
2.2 Tools, Materials and Cutting	6
3.0 BEST PRACTICE GUIDE	7
3.1 Fasteners	7
3.2 Essential Details	10
4.0 TEMPERATURE CHANGES & EXPANSION/CONTRACTION	12
4.1 Expansion Guide (by temperature shift)	12
4.2 Temperature Shift Example using ChamClad® products.	13
4.3 General Rules	13
4.4 Recommended Gap Allowance Temperature Guide	14
4.5 Guidelines	14
5.0 CARE AND MAINTENANCE OF CHAMCLAD® PRODUCTS	15
CHAMCLAD® COLUMN & BEAMS	16
6.0 CHAMCLAD COLUMN & BEAM	17
6.1 Assembly / System Types	17
7.0 CHAMCLAD 2PC COLUMN WRAP 7"	17
8.0 CHAMCLAD 4PC QUICK CLICK COLUMN SYSTEM	19
8.5 INTEGRATION – COLUMN TO BEAM	21
9.0 CHAMCLAD 4PC QUICK CLICK BEAM SYSTEM	28
10.0 OPTIONAL TRIMS	30
11.0 CHAMCLAD 3PC QUICK CLICK BEAM SYSTEM	31
12.0 CHAMCLAD 2 PC FAUX BEAM	34
CHAMCLAD® PRIVACY WALL / SCREEN	36
13.0 PRIVACY WALL / SCREENS	37
13.1 IMPORTANT INFORMATION- DISCLAIMER	37
14.0 ASSEMBLY DRAWINGS	42
14.1 CS-09 - 2PC Column Wrap 7" Assembly with 1" x 4" Architectural Trim	42
14.2 CS-10 - 2PC Column Wrap 7" Assembly with Column Cap Base	43
14.3 CS-11 - 2PC Column Wrap 7" (Top Fixed) Typical Centered Column Install	44
14.4 CS-12 - 2PC Column Wrap 7" (Top Fixed) Typical Not Centered Column Install	45
14.5 CS-14 - 2PC Column Wrap 7" (Bottom Fixed) Typical Centered Column Install	46

14.6	CS-15 - 2PC Column Wrap 7" (Bottom Fixed) Typical Not Centered Column Install.....	47
14.7	CS-01 - 6" Exterior Wall Panel Column – Horizontal Assembly	48
14.8	CS-02 - 12" Soffit/Interior Seamless Wall Panel- Column Vertical Assembly- Interior	49
14.9	CS-03 - 6" Exterior Wall Panel Column – Vertical Assembly	50
14.10	CS-04 - 6" Exterior Wall Panel Straight Column – Vertical Assembly.....	51
14.11	CS-05 - 6" Exterior Wall Panel Straight Column –Horizontal Assembly	52
14.12	CS-06 - 12"Interior Wall Seamless Panel Straight Column – Vertical Assembly	53
14.13	CS-07 - 6" Traditional Soffit Panel Straight Column – Horizontal Assembly	54
14.14	CS-08 - 4" Traditional Soffit Panel Straight Column – Horizontal Assembly	55
14.15	CS-13 - Quick Click Column (Top Fixed) Typical Centered Column Install.....	56
14.16	CS-16 - Quick Click Column (Bottom Fixed) Typical Centered Column Install	57
14.17	BS-04 – Typical L- Beam Wrap Detail	58
14.18	BS-05 - Typical L- Beam Wrap Detail with End Column Support Detail 1	59
14.19	BS-06 - Typical L- Beam Wrap Detail with End Column Support Detail 2	60
14.20	BS 08 – Column & Beam Cladding Interface Installation Sequence 1.....	61
14.21	BS-09 - Column & Beam Cladding Interface Installation Sequence 2	62
14.22	BS-10 - Column & Beam Cladding Interface Installation Sequence 3	63
14.23	BS-11 - Column & Beam Cladding Interface Installation Sequence 4	64
14.24	BS-00 – Interior Beam Detail	65
14.25	BS-02 – Typical Beam Wrap Detail 1	66
14.26	BS-03 – Typical Beam Wrap Detail 2	67
14.27	BS-07 - Typical Beam Wrap Detail 3 and 4 – Expansion & Contraction Both Ends.....	68
14.28	BS-01 – 2PC Faux Beam Detail	69

1.0 BEFORE YOU BEGIN

- ④ Read the install instructions completely. These installation instructions illustrate the “Best Practices” to install ChamClad® cladding and trim.
 - ChamClad® does not accept any liability or responsibility under their written warranty for product failure caused by improper installation.
- ④ To ensure you are up to date with the most recent install instructions, please visit our website <https://ChamClad.com> and view manual in conjunction with the technical bulletin advisory.
- ④ Our research and development team are committed to improving product durability and performance. As a result, specifications may change from time to time. Please check our website for updated technical information and profile drawings.
- ④ While this Installation Manual provides typical methods, tools, and techniques based on standard industry practices, it may not address every question or condition that could arise during installation. We encourage designers and installers to review these guidelines thoroughly and identify any site-specific conditions not covered. In such cases, please contact ChamClad® at engineering@chamclad.com, and our team will assist in developing a mutually satisfactory solution. It is the responsibility of the design authority and installer to ensure proper layout and compliance with relevant codes.
- ④ Occasionally, you may come across minor irregularities that happen naturally during the manufacturing process. This occurrence will not affect the aesthetics and performance of the product.
- ④ Periodically, you may encounter aluminum accessories where the ends need trimming due to the film shrinking back during the curing process. This occurrence will not affect the performance of the product.



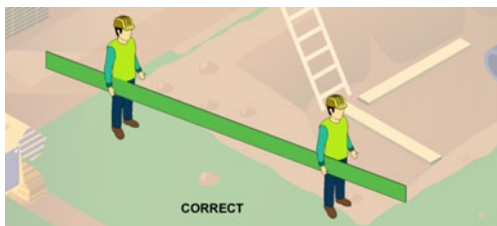
2.0 FIRST STEPS FOR A SUCCESSFUL INSTALLATION

Inspect all material for any breakage, defects, damage, and colour before installing. Do not install product that is questionable. Contact ChamClad® customer service or your dealer for assistance. Installing defective material may void your product Warranty.

Before installing ChamClad® cladding it is very important that installers read and understand the installation recommendations and topics covered in this manual.

2.1 Transportation, Proper Handling & Storage

- ⦿ When transporting ChamClad® products, keep bags flat. The boards must be supported along the full length. Whenever possible avoid using metal banding. Metal banding will cut into the boards if pulled too tight. Materials are required to be inspected for any damage within 7 days of receipt, recorded on the Bill of Lading, and forwarded to info@ChamClad.com. ChamClad® warranty may be voided if damaged product is installed without prior inspection.
- ⦿ Always carry ChamClad® cladding by holding it by the narrow edge and pick boards up in the center. ChamClad® pallets should not be stacked more than 2 pallets high and always stored on a flat surface.



- ⦿ Products must be on a flat surface which supports the entire length of the boards and should be kept dry and out of direct sunlight (when possible). Do not store or place on asphalt or in areas prone to excessive heat buildup. Cover with a tarp leaving ends open to allow for airflow. Store away from areas where there may be falling objects or construction debris that could cause damage. If stacking product, please ensure it is stable.
- ⦿ **ChamClad® packaging is vented to limit the greenhouse effect. Do NOT store uninstalled panels in areas of excessive heat prior to installation; doing so may lead to product distortion.**
- ⦿ **Note:** It is important that product is not stored for long periods where temperatures could exceed 30 degrees Celsius (86 degrees Fahrenheit).

2.2 Tools, Materials and Cutting

POWER TOOLS AND HAND TOOLS



- ⊗ Always ensure you wear proper, appropriate and standard PPE when performing cutting and installation.
- ⊗ If using a circular saw, cut cladding face down on a clean surface.
- ⊗ If using a cut-off saw, cut face up
- ⊗ Carbide-tipped blades with 84+ teeth are recommended. (Aluminum blades are optimal)
- ⊗ Do not score or snap ChamClad® exterior cladding
- ⊗ Do not cut ChamClad® with coarse saw blade to avoid chipping or damaging the panel

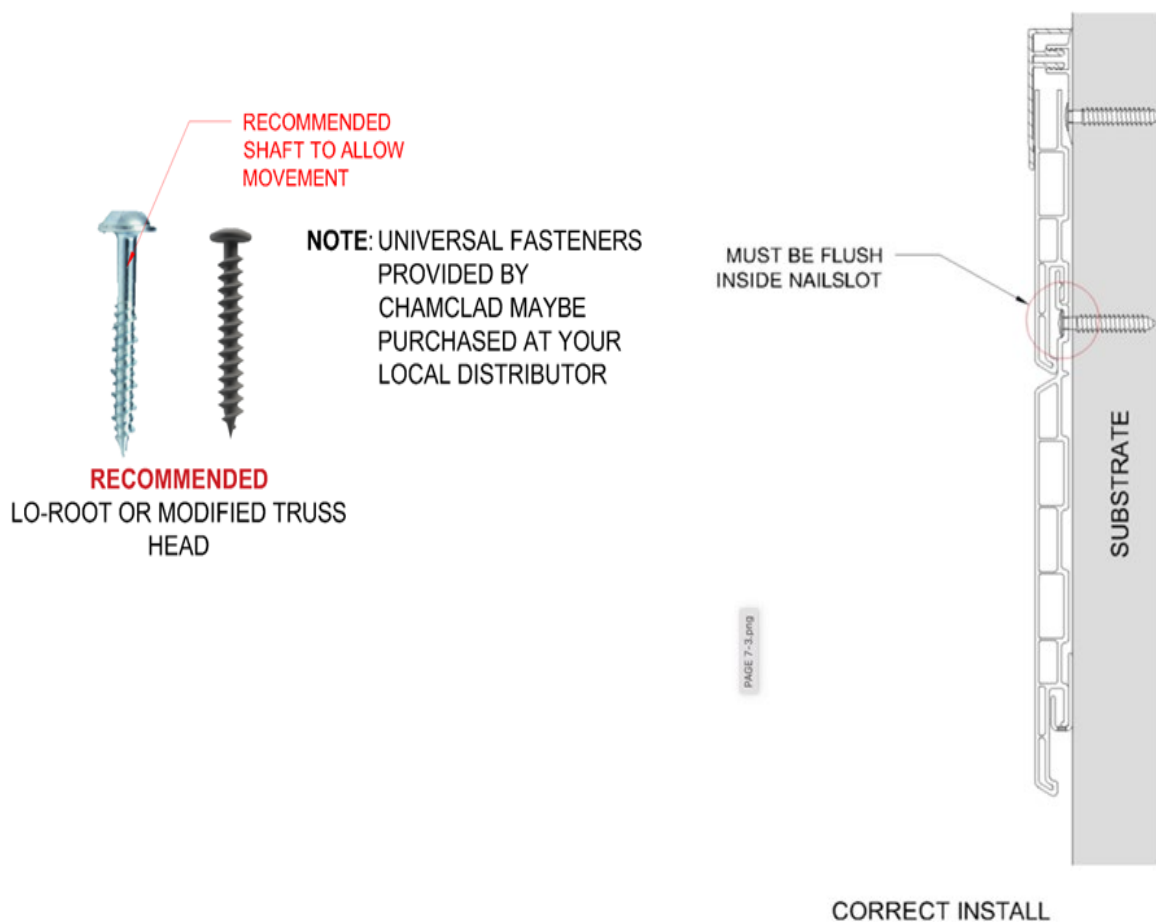
3.0 BEST PRACTICE GUIDE

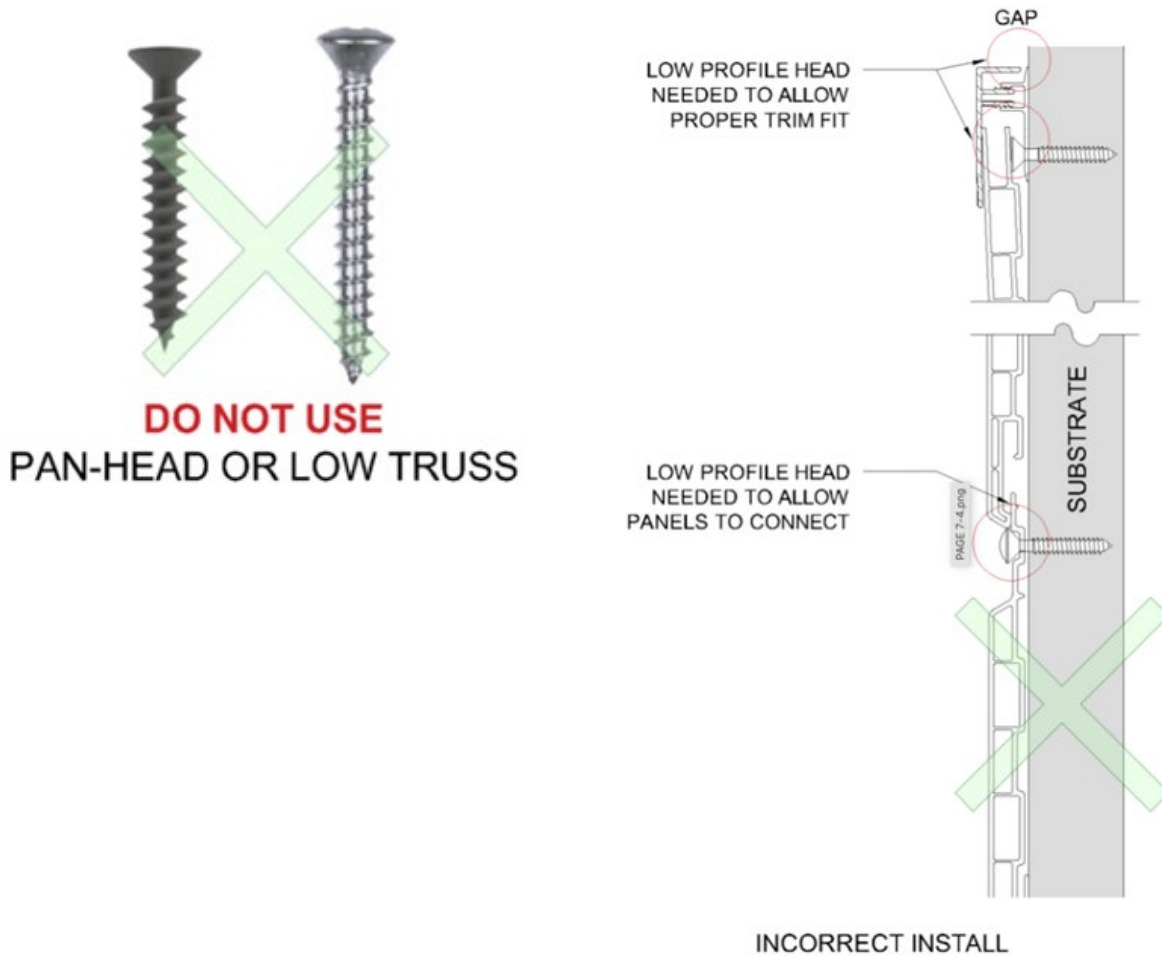
These installation instructions illustrate the “Best Practices” to install ChamClad® cladding, and trim. ChamClad® does not accept any liability or responsibility under their written warranty for product failure caused by improper installation.

It is the responsibility of the installer to observe the requirements of the local Building Code as they relate to installation in any given area. Most Building Codes are derived from National Building Codes. In Canada, the primary model is the National Building Code (NBC), which is published by the National Research Council of Canada (www.nrc-cnrc.gc.ca). In the United States, the primary model is based on the International Building Code (IBC), which produces the International Residential Building Code (IRC).

It is the responsibility of the builder or contractor, to understand the local code and how it pertains to the location where ChamClad® is being installed.

3.1 Fasteners





Fastener Size is critical to a successful ChamClad® installation. We recommend the following:

- ④ Screws: It is strongly recommended to use ChamClad® universal self-tapping screws which are available from your local distributor or directly from ChamClad®.
- ④ The fasteners must penetrate the wall to a minimum depth of 1 ¼" (32mm) and allow for the expansion and contraction of the ChamClad® products. If using metal furring strips, use of self-drilling screw is recommended (Modified truss quadrex coarse thread self-drilling screw #8-18 X 1 ½" (38mm)). You must pre-drill pilot holes when using ChamClad's universal self-tapping screws, when screwing into metal.
- ④ If ChamClad® fasteners unavailable, use low profile, corrosion resistant or stainless-steel screws long enough to fasten through the pre-punched flange. Do not use electroplated fasteners. It is important that the fastener head can fit inside the nailing slot. Fastener heads that protrude outside of the nailing slot will hinder ChamClad® tongue and groove locking mechanism.
- ④ When placing fasteners in the center of the designated nail slots, always leave a 1/32" (.8mm) gap between the fastener head and nail flange to allow ChamClad® panels expand/contract as needed.

Recommended Screw	
	#8-10 ChamClad Universal Self Tapping 1 ½" Screw #8 quad-drive 1 ½" (38mm)
	#8-10 ChamClad Universal Self Tapping 2 ¾" Screw #8 quad-drive 2 ¾" (70mm)
	#8- 18 ChamClad Universal Self Drilling 1 ½"
Examples of Alternate Screws:	
	Exterior Wall #8 1 ½" (38mm) 17 Self tapping Round Washer Lo-root
	Modified Truss Quadrex Coarse Thread Screw Self-Drilling #8 – 18 X 1 ½" (38mm)

Note: DO NOT USE a stapler, or nail gun for exterior cladding and soffit panel installation. GLUE IS NOT to be used to fasten strapping or ChamClad® exterior wall boards.

3.2 Essential Details

☉ Random ChamClad® Panel Pattern

ChamClad® wall panels are laminated with a repeating pattern (48" or 1.2m). ChamClad® makes every effort to ensure the patterns are mixed in each bag to minimize repeat patterns. It is suggested to randomly check panels at the job site for repeat patterns and adjust as required. To avoid excessive repetition when cutting boards 4' (1.2m) or less, use 2 boards with different patterns.

☉ Classic Panel (1 Panel, 2 Looks)

ChamClad® offers a simple tongue and groove system with the product stacking from the bottom up. For a U-Channel profile, insert to the first stop. For a V-Groove profile, take a non-marking rubber mallet and tap to the next stop. Does not apply for Shadowline Panel.

☉ Vented Cavity

ChamClad® exterior wall panels should be installed over a vented wall cavity assembly with furring strips/ strapping, galvanized steel Z-girts (min. 20 ga.), or a continuous 3-dimensional membrane, in accordance with local Building Code requirements. All panels must be fastened every 16–24" (400–600mm) on center. To ensure proper installation and meet warranty requirements, refer to CCMC/ICCES evaluations for assembly requirements. For alternate cavity solutions, contact engineering@chamclad.com.

☉ Exterior Rigid Insulation

When installing ChamClad® exterior cladding over rigid insulation, it is critical that all fasteners penetrate through the insulation and securely anchor into the structural substrate (e.g., wood or steel framing). The preferred method is installing furring (strapping) over the face of the rigid insulation and attaching cladding directly to the furring, which provides both a vented cavity and the necessary structural support.

Installers are responsible for ensuring that the wall assembly, fasteners, and anchoring methods are compatible with the project requirements and comply with local Building Codes. Failure to properly secure the cladding to a structural substrate may compromise the performance and safety of the system. For alternate application, contact engineering@chamclad.com

☉ Wall Flashings and Penetrations

Windows, doors, and utility penetrations must be flashed and trimmed properly. It is the responsibility of the installer/designer/builder to ensure it is done to local codes and best industry practice. If sealants are required, ChamClad® recommends ASTM 920 Elastomeric Joint Sealants (e.g., Tremco Spectrum 2).

☉ 2PC Trim - Vertical Installation

When installing 2pc trims vertically (2PC Outside Corner, 2PC J-Trim, 2PC H-Trim), in order to prevent downward migration, it is recommended to fasten the base trim at the highest point of the nail slot with all other fasteners located in the centre of the remaining slots (every 8-12" (200-300mm)).

Before applying the top cap, it is recommended to add a small dab of sealant (1" or 25mm) between the teeth at the top and bottom of the base trim. This is especially important around doors and windows where you are not completing a full perimeter wrap.

Aluminum Trim - Film Shrink Back

Occasionally, you may encounter aluminum accessories where the ends need trimming due to the film shrinking back during the curing process. This occurrence will not affect the performance of the product.

Compatibility

ChamClad® products should not be stored in bags on asphalt surfaces, such as driveways or roads, before installation or left on asphalt for extended periods. Prolonged exposure to asphalt can cause it to leach into the panels, potentially weakening or discoloring them. If ChamClad® products are exposed to asphalt, clean them immediately using a non-solvent cleaning product. Instead, opt for storage on grass, in a garage, or in a shaded area.

4.0 TEMPERATURE CHANGES & EXPANSION/CONTRACTION

It is important to remember that ChamClad® materials will expand and contract with regular temperature changes. ChamClad® trims allow for any variance in panel lengths due to expansion/contraction.

When placing fasteners in the center of the designated nail slots, always leave a 1/32" (.8mm) gap between the fastener head and nail flange to allow ChamClad® panels expand/contract as needed.

The below guide provides expansion/contraction examples based on different panel lengths and temperature fluctuations.

4.1 Expansion Guide (by temperature shift)

Temperature Change in °C and °F		Length of panels (feet)				Length of panels (meters)			
°F	°C	12'	20'	30'	35'	3.7m	6m	9m	10.7m
50	10	0.10"	0.17"	0.25"	0.29"	2.5mm	4.3mm	6.3mm	7.4mm
68	20	0.20"	0.34"	0.50"	0.59"	5mm	8.6mm	13mm	15mm
86	30	0.30"	0.50"	0.75"	0.88"	7.6mm	13mm	19mm	22.3mm
104	40	0.40"	0.67"	1.01"	1.17"	10.2mm	17mm	25.6mm	29.7mm
122	50	0.50"	0.84"	1.26"	1.47"	13mm	21.3mm	32mm	37.3mm
140 (optimal gap)	60	0.60"	1.01"	1.51"	1.76"	15.2mm	25.6mm	38.3mm	44.7mm
158	70	0.70"	1.17"	1.76"	2.05"	17.8mm	29.7mm	44.7mm	52mm
176	80	0.80"	1.34"	2.01"	2.35"	20.3mm	34mm	51mm	60mm
ChamClad®'s Coefficient of linear expansion (CLE): 0.0000698		Total Expansion/ contraction per panel (inches)				Total Expansion/ contraction per panel (millimeters)			

4.2 Temperature Shift Example using ChamClad® products.

The change in length of ChamClad® panels due to temperature fluctuations is influenced by three key factors.

- 1. The Coefficient of Linear Expansion (CLE):**

For ChamClad® Panels, the CLE is 0.0000698 in/in/°C.

- 2. Original Length of the Panel:**

The length of the panel at the time of installation.

- 3. Net Temperature Change**

The difference between the installation temperature and the ambient temperature during use.

Expansion/Contraction Formula

To calculate the change in length of a ChamClad® panel, use the following formula:

Change in Length (in inches) =

(Original Length in inches) × (Temperature Change in °C) × (CLE)

Example

A 12 ft (144") ChamClad® panel is installed at **20°C (68°F)** and later exposed to **0°C (32°F)**.

Calculation:

$144 \times 20 \times 0.0000698 = 0.20$ inches (approximately 7/32")

The panel will contract by 0.20 inches, resulting in a new length of 143.80 inches. When the temperature returns to 20°C (68°F), the panel is expected to expand back to its original length of 144 inches.

4.3 General Rules

Based on a temperature change of 40°C (104°F), for example: 0°C (32°F) in cooler months and reaching 40°C (104°F) in warmer months:

- ☺ General rule of thumb, in summer and winter months.
 - **For panels up to 16' (4.9m)** leave a gap on each side of 1/2" (13mm)
 - **For panels up to 24' (7.3m)** leave a gap on each side of 5/8" (16mm)
 - **For panels 25' (7.6 m) and longer**, always pin at the midpoint by fastening directly through the nail rail (not the slot center). To determine the gap, use the distance from the pin to the panel end (half the total panel length) and refer to the gap chart below (page 14)
 - **Gaps 5/8" or greater**, we recommend using larger faced trims to allow for expansion and contraction (3.5" 2pc Finish Trim, 3.5" 2pc Outside Corner, larger faced H-Trim).

It is imperative that ChamClad® panels are cut to fit the coverage of trim pieces.

The temperature the day of installation factors into the expansion and contraction gap you leave. If installing on a cooler day allow for more expansion and a larger gap, if installing on a warmer day allow for less expansion and a smaller gap. The below guide provides recommended spacing based on temperature and panel length.

4.4 Recommended Gap Allowance Temperature Guide

OUTSIDE TEMP.		GAP PER SIDE (inches)					GAP PER SIDE (Millimeters)				
°F	°C	≤ 12'	16'	20'	25' *	30' *	≤ 3.6m	4.9m	6.1m	7.6m	9.1m
14	-10	3/8	1/2	5/8	3/8	1/2	9	13	16	19	22
32	0	3/8	7/16	1/2	3/8	7/16	9	11	13	16	19
50	10	5/16	3/8	7/16	5/16	3/8	8	9	11	13	16
68	20	1/4	5/16	3/8	1/4	5/16	6	8	9	11	13
86	30	3/16	1/4	1/4	3/16	1/4	5	6	6	8	9
104	40	1/8	3/16	3/16	1/8	3/16	3	5	5	5	6

* Gap allowance is based on panel being pinned (fastened directly through nail rail, not in center of nail slot) to equalize expansion and contraction.

4.5 Guidelines

- ☉ Take into consideration the temperature on date of installation and season you are installing in.
- ☉ Installation in weather colder than -10°C (14°F) is not recommended due to potential chipping or cracking of the panels. Should that occur warranty may be voided.

It is important to acclimate panels and accessories for a minimum of 24 hours prior to installation.

5.0 CARE AND MAINTENANCE OF CHAMCLAD® PRODUCTS

ChamClad® products are designed to be low maintenance, and our laminate films have exceptional properties that ensure ease of cleaning and surface longevity. They are highly ultra-violet, scratch, and salt air resistant. The film's low surface tension makes it inherently dirt-repellent and therefore easy to clean. ChamClad® finishes include anti-graffiti properties and, in most cases can be easily removed using a garden hose and mild kitchen detergent and warm water.

To preserve the lifespan of your ChamClad® product and maintain its warranty, regular cleaning and inspection are essential.

- ☉ Minimum Cleaning Frequency: In normal or urban environments, we recommend cleaning your ChamClad® product every 12-18 months.
- ☉ High-Exposure Areas: In areas subject to high pollutants, such as industrial or coastal environments, we recommend cleaning your ChamClad® product every 8-12 months.
- ☉ Regular Inspections: Inspect the product frequently and promptly remove any debris or contaminants such as bird droppings. Prolonged contact with such materials may lead to staining, uneven wear, or surface damage.

Refer to the recommended maintenance guidelines below to ensure optimal care for your ChamClad® product.

General Cleaning:

- ☉ You may clean the surface with a soft cloth, sponge or soft bristle brush and a neutral detergent. It is recommended to use ChamClad® Product Cleaner (supplied by ChamClad®) and/or a soap, or liquid cleaner (in non-concentrated form) such as Simple Green. Follow with a thorough rinsing of fresh water to ensure all cleaner has been removed.
- ☉ If marking has occurred from board-to-board friction, you may clean it with a soft cloth soaked in water and soap. Allow the cloth to sit on the area for 60 seconds. Panels should be rinsed thoroughly with clean water.
- ☉ To avoid streaking start at the top of the wall – working your way to the bottom.
- ☉ You may pressure wash ChamClad® panels with a low PSI pressure washer. DO NOT exceed 1500 PSI.

DO NOT:

- ☉ Do not use solvents when cleaning panels. Solvents may damage the protective layers in the film.
- ☉ Do not wash panels with a pressure washer at close range.
- ☉ Do not use abrasive, erosive, or caustic solvents to clean ChamClad® panels as they can dull and/or damage the panel finish and will void the warranty.

Should you experience removal difficulties, please contact us via email at info@ChamClad.com



12" Quick Click Column and Beam in Cinnamon Walnut

CHAMCLAD® COLUMN & BEAM

EXTERIOR & INTERIOR



8" Quick Click Column and Beam in Toffee

6.0 CHAMCLAD COLUMN & BEAM

6.1 Assembly / System Types

- ④ 2PC Column Wrap 7"
- ④ 4PC Quick Click Column System
- ④ 4PC Quick Click Beam System
- ④ 3PC Quick Click Beam System
- ④ 2PC Faux Beam 5.5" x 3.35"

7.0 CHAMCLAD 2PC COLUMN WRAP 7

Refer to Installation Details CS-09 thru to CS-15

7.1 PRODUCTS – 2PC Column Wrap 7"



Dimensions

Exterior dimensions of the column are 7" x 7" (178mm x 178mm). Internal cleared dimensions of the column are 6" x 6 ½" (152mm x 165mm).

Architectural trim dimensions are ¾" x 3 5/8" (19mm x 92mm). Column lengths available in pairs at 8 (2.4m), 10 (3m), and 12ft (3.7m) lengths.

7.2 Loading

- ④ 2PC Column Wrap is **non-structural**.

7.3 Installation – Standard Option

- ④ The internal structural support should be straight, square, and within the dimensions specified above.
- ④ Cut 2PC columns shorter than column height requirements (refer to gap chart pg. 14) to allow for expansion and contraction at **one** location (top **or** bottom).
- ④ Wrap the 2PC columns around the vertical internal structural support by engaging the arrowhead in one panel into the groove of the second panel. Do this on both ends of the "L" shaped column, using a non-marking rubber mallet to assemble. Ensure a tight wrap around the internal structure to avoid movement and full engagement of the two pieces for a seamless finish. If column is loose or has movement around the internal structural support:
 - Create two collars measuring 6 ½" x 5 ½" (165mm x 140mm) around the base and top of the support structure. Install the 2PC column, which will form a tight fit around the collars. This will prevent movement of the 2PC column.

- ④ **Note:** To ensure the column remains straight, always start snapping the pieces at the top working towards the bottom. Avoid starting from the middle.
- ④ Connect the column wrap using ChamClad universal screws on two sides at one location (top **or** bottom), countersinking the screw to be flush with the column face. This will allow for the trim to sit flat and allows movement for expansion and contraction.

7.4 Installation – Adhesive Option:

To install a 2PC Column Wrap using LePage QuadMax adhesive (ASTM C920 or equivalent) follow instructions outlined below:

- ④ **Preparation:** Ensure the column will fit properly by adding wood backing if necessary.
- ④ **Apply:** Apply four diagonal strips of QuadMax adhesive to prevent water from sitting on top. (refer to drawing “Standard Adhesive Application” on page 29)
- ④ **Secure Installation:** Apply the adhesive 1-3 inches (25mm-75mm) inside the locking edges on both the top and bottom sides of the column pieces.
- ④ **Engage Columns:** Align the column pieces together for a tight and stable fit. Position them against the adhesive to secure them in place.
- ④ **Use a Shim:** If your expansion gap is at the bottom, use a shim to hold the gap while the adhesive cures.

7.5 Finishing Options

- ④ Option: 1” x 4” Architectural Trim OR Column Cap/ Base Trim
- ④ Refer to page 30 for additional information and installation instructions.

8.0 CHAMCLAD 4PC QUICK CLICK COLUMN SYSTEM

Refer to Installation Details CS-01 thru to CS-8, CS-13 and CS-16

8.1 PRODUCTS - 8", 10" and 12" Quick Click Columns



Dimensions

- ⦿ Exterior dimensions of the column available are:
 - 8" x 8" (200mm x 200mm),
 - 10" x 10" (250mm x 250mm),
 - 12" x 12" (300mm x 300mm)
 - Check Detailed drawings (Figure 1 on page 20) for the internal clearance dimensions before ordering.
 - (Mix and match dimensions are also available.) (Figure 2 on page 21)
- ⦿ Columns available in 10ft (3m) and 20ft (6m) lengths.



3" Quick Click Adapter

- ⦿ 10' and 20' Lengths

8.2 Loading

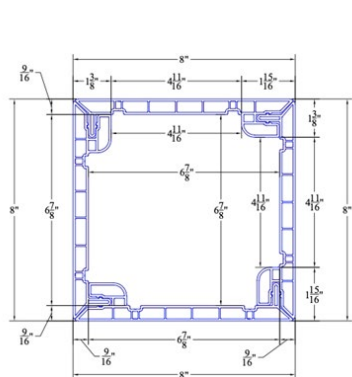
- ⦿ Quick Click Columns are **non-structural**.

8.3 Installation

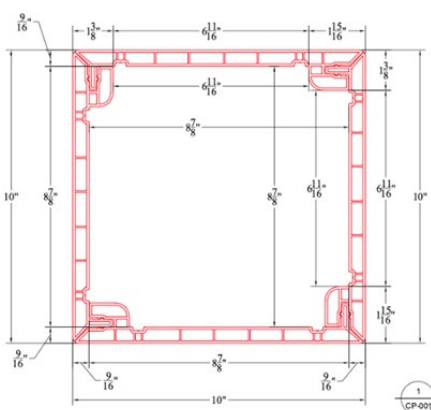
- ⦿ Always climatize product 24hrs before installation.
- ⦿ The internal structural support should be straight, square, and within the dimensions specified in the detailed drawing.
- ⦿ To keep column straight, pack with dimensional lumber top or bottom, minimum two sides.
- ⦿ For expansion and contraction in exterior application, start by measuring your column height and cut column wrap to desired length (refer to gap chart on pg. 14).
- ⦿ Apply 1" (25mm) of QuadMax adhesive or equivalent at the top and bottom of each corner.
- ⦿ On the ground, snap together 2 of the 4PC into a 'L' shape using a rubber mallet. Repeat with the remaining 2PC for the other side.

- ④ Apply four diagonal strips of adhesive to prevent water from sitting on top. Apply adhesive 1-3" (25-75mm) inside the locking edges on both the top and bottom sides of the column pieces. (refer to drawing "Standard Adhesive Application" on page 29)
- ④ Join the column pieces together, ensuring a tight and stable fit.
- ④ Place the column pieces against the adhesive to secure them in place. If your expansion gap is at the bottom, use a shim to hold the gap while the adhesive cures. This will ensure the column stays in place.
- ④ **Note:** To ensure the column remains straight, always start snapping the pieces at the top working towards the bottom. Avoid starting from the middle.

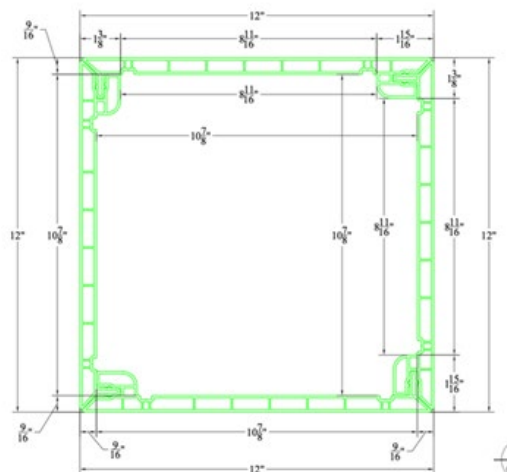
Figure 1 – Exterior and Interior Detailed Column and Beam Dimension



8" x 8"



10" x 10"



12" x 12"

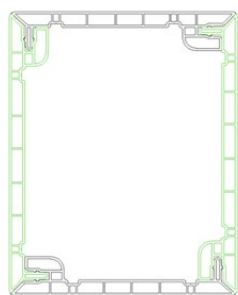
8.4 Finishing Options

- ④ Option: 1" x 4" Architectural Trim OR Column Cap or Base Trim
- ④ Refer to page 30 for additional information and installation instructions

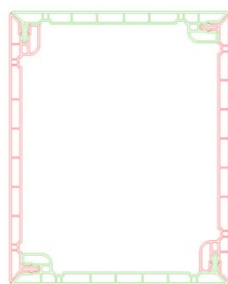
8.5 INTEGRATION – COLUMN TO BEAM

ChamClad® columns and beams are designed to be modular and versatile, allowing different sizes—including 3", 8", 10", and 12" profiles—to be mixed and matched to achieve custom configurations. Columns can be seamlessly integrated with beams to create clean, continuous transitions and tailored structural designs. Below are several examples showcasing possible column and beam combinations. **For additional guidance on unique or more complex installation scenarios, please refer to details BS-04, BS-05, BS-06, BS-08 thru to BS-11.**

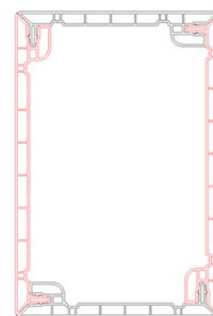
Figure 2 Mix and Match Options – 4PC Column and Beams



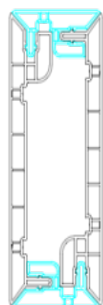
8" x 10" Beam Assembly



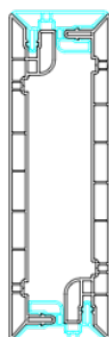
10" x 12" Beam Assembly



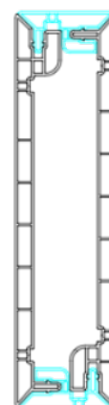
8" x 12" Beam Assembly



3" x 8" Beam Assembly



3" x 10" Beam Assembly



3" x 12" Beam Assembly

8.6 Column to Beam Assembly- Products



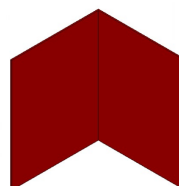
3" Quick Click Adapter
10' and 20' Lengths



Quick Click Columns / Beams
8", 10" and 12"



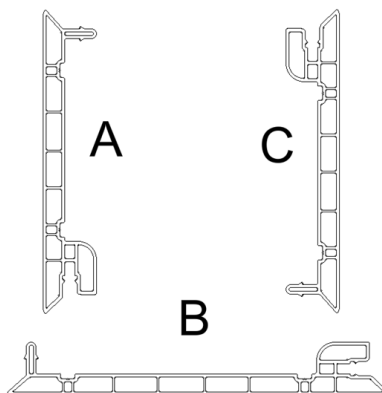
QuadMax® Adhesive
Or approved alternative



Metal Angle Bracket (supplied by others)
3" min.

8.7 Column to Beam Assembly- Installation

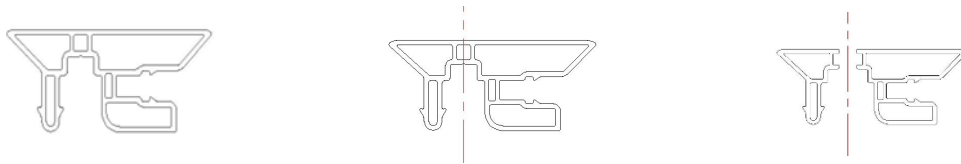
- ☉ Refer to installation sequence drawings **BS-08 thru to BS-11**.
- ☉ Before proceeding with installation, carefully plan the layout details of your column to beam interface. Key items to consider include:
 - Column and beam size that you will wrapping.
 - Determining what is the longest side of the mitre joint on column wrap as this will determine what side to start on. **In this manual, Panel "A" is the longest mitre joint and starting point and configuration/position of panel as shown below.**



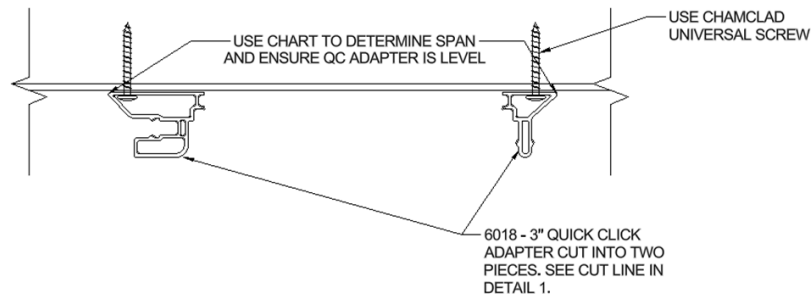
IMPORTANT: To ensure a proper and secure installation, it is critical to follow the sequencing outlined in this manual. Failure to follow the prescribed sequence may result in compromised connections, including bowing, misalignment, or separation at the joints.

Step 1: Plan Layout and Install 3" Quick Click Adapter to Substrate

- ① Start by measuring the length of your beam. Cut the Quick Click Beam to the desired length.
 - **Note:** In exterior application, cut beam to allow for expansion and contraction. Refer to gap chart on pg. 14.
- ② Cut the 3" (75mm) Quick Click Adapter as shown below. Ensure cuts are square and clean.



- ③ Attach it to the substrate by countersinking screws on both sides. Ensure the 3" (75mm) QC Adapters are levelled properly. Use the chart to measure the correct length to leave between them based on the required width.



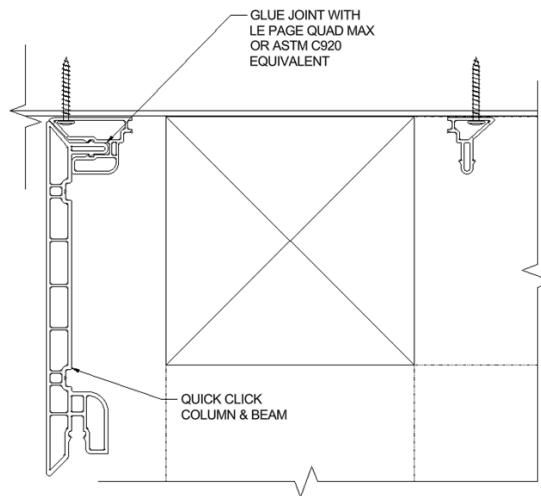
SPAN DISTANCE - FROM END TO END

8" X 8" COLUMN WIDTH = $7\frac{7}{8}"$
 10" X 10" COLUMN WIDTH = $9\frac{7}{8}"$
 12" X 12" COLUMN WIDTH = $11\frac{7}{8}"$

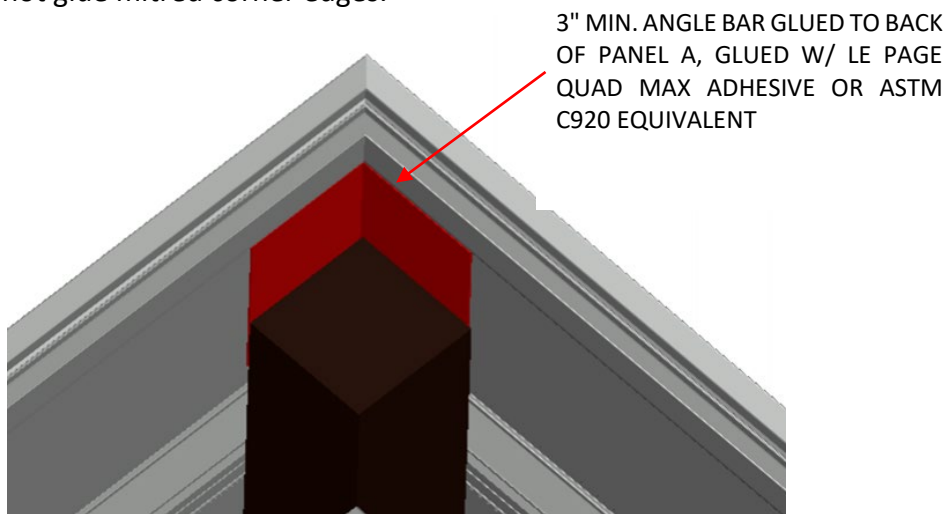
- ④ Make sure the ChamClad universal screws are fastened into a joist or stud. If there is no solid backing, it must be added before installation.

Step 2: Install Panel “A” at Perimeter

- ② Position Panel A into the Quick Click Adapter at entire perimeter.
- ② Glue joint with LePage Quad Max or pre-approved alternate. Use a thin, even bead of adhesive to prevent squeeze out during assembly.

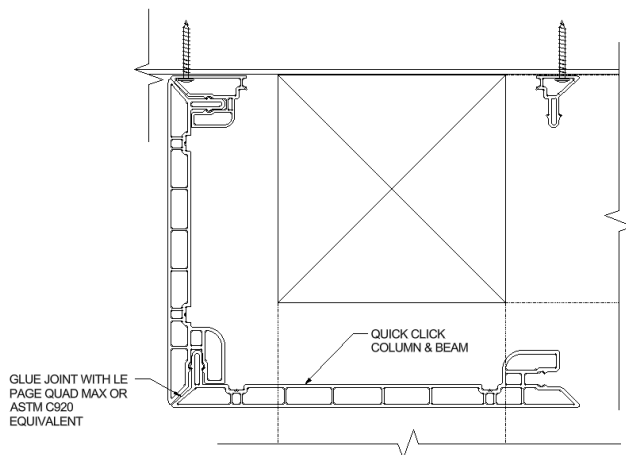


- ② At mitred corners, glue a minimum 3" metal angle bracket to the back of the front panel for reinforcement.
- ② NOTE: Do not glue mitred corner edges.

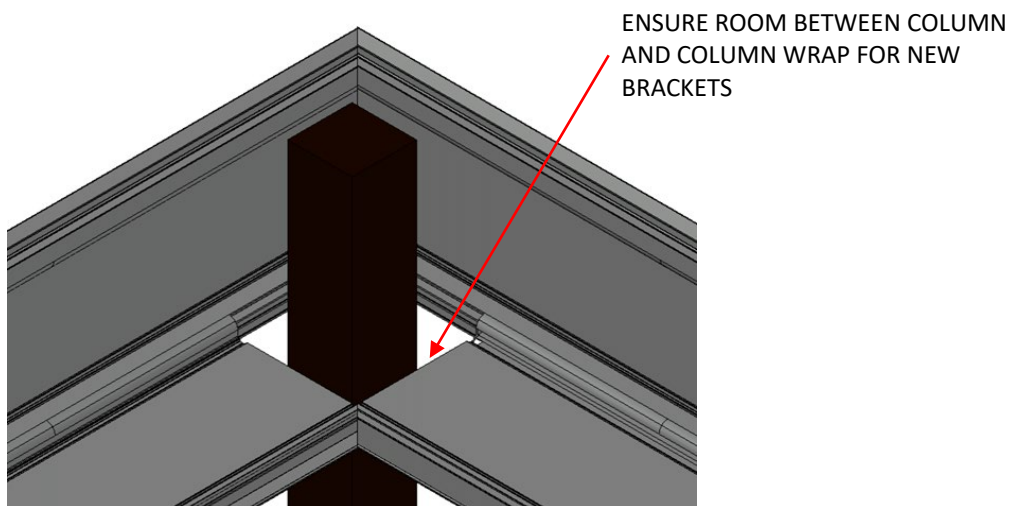


Step 3: Install Panel “B”

- ④ Align and install Panel B into Panel A
- ④ Glue joint with LePage Quad Max or pre-approved alternate. Use a thin, even bead of adhesive to prevent squeeze out during assembly.

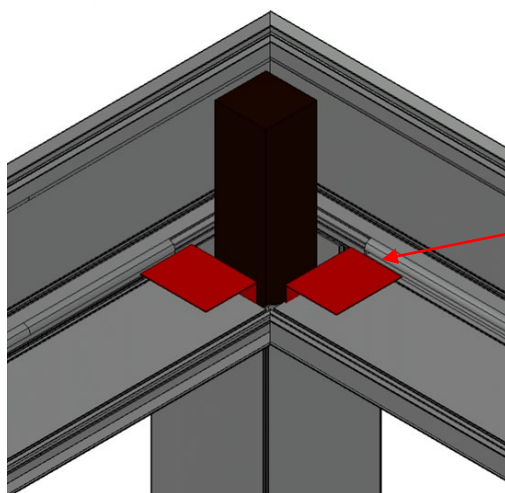


- ④ At column location:
 - Mitre Panel B corners to fit around columns.
 - Ensure adequate spacing for new 3" min. angle bracket installation between the column and the wrap.



Step 4: Install Column Wrap and Brackets

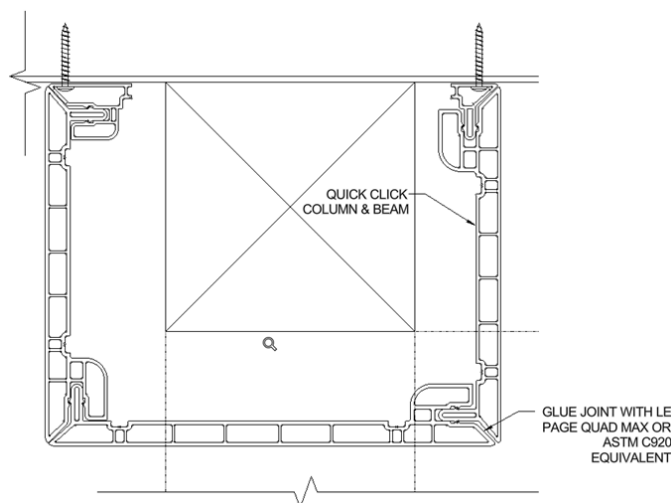
- ④ Complete the installation of the column wrap around the column structure. Refer to ChamClad® 4PC Quick Click Column System for installation instructions. See pages 19 & 20 in this manual.
- ④ Glue two new 3" min. angle brackets at back of Panel B and to back of column wrap. Refer to drawing BS-08 for location of brackets.
- ④ Use LePage Quad Max® or an equivalent sealant compliant with ASTM C920.



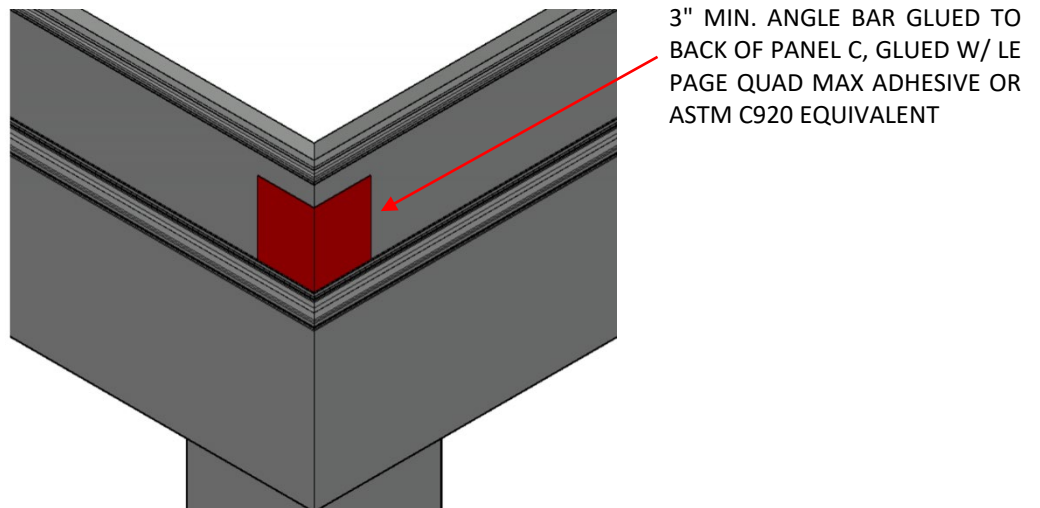
TWO NEW 3" MIN. ANGLE BAR
GLUED TO BACK OF PANEL B AND
TO BACK OF COLUMN WRAP
GLUED W/ LE PAGE QUAD MAX
ADHESIVE OR ASTM C920
EQUIVALENT

Step 5: Install Panel "C"

- ④ Aligned Panel C into the Quick Click Adapter and slide the bottom portion of Panel C into Panel B.
- ④ Glue joint with LePage Quad Max or pre-approved alternate. Use a thin, even bead of adhesive to prevent squeeze out during assembly.



- ④ At mitred corners, glue a minimum 3" angle bracket to the back of the front panel for reinforcement.
- ④ NOTE: Do not glue mitred corner edges.



Step 6: Final Touches

- ④ Review all joints to ensure all are secure and aligned.

9.0 CHAMCLAD 4PC QUICK CLICK BEAM SYSTEM

9.1 PRODUCTS – 8", 10" and 12" Quick Click Beams



Dimensions

- ☉ Available in 8" (200mm), 10" (250mm), and 12" (300mm) face sizes, in 10' (3m) or 20' (6m) stocked lengths you can mix and match to create stunning faux beams.
- ☉ Use with the 3" Quick Click Adapter as end caps for smaller or to increase the size of your column or beam.

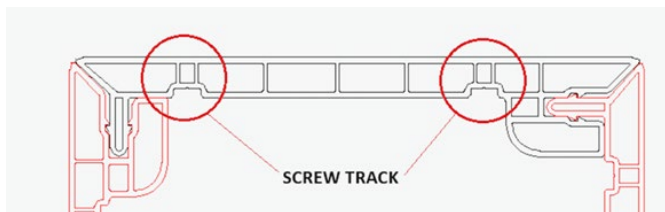
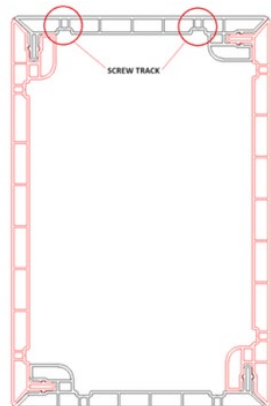
9.2 Loading

- ☉ ChamClad® **4PC Beam System** is not load bearing and should not be used as the primary source of weight.

9.3 Installation

- ☉ Start by measuring your beam length and cut the ChamClad Beam to the desired length.
- ☉ **Note:** In exterior application, cut beam to allow for expansion and contraction (refer to gap chart pg. 14)
- ☉ Snap together 2 of the 4PC into a 'L' shape using a rubber mallet. 1-3" (25-75mm) of QuadMax is recommended in corners.
- ☉ Fasten preassembled beam wrap using universal screws every 16-24" (400-600mm) along the screw track Figure 3 – Beam Screw Track.
- ☉ Ensure ChamClad Universal Screws are fastened into a joist or a stud. If no solid backing is available, it must be added before installation.
- ☉ Apply 1-3" (25-75mm) of QuadMax in corners, then snap together the final 2 of the 4pcs in place using a rubber mallet.

Figure 3 – Beam Screw Track

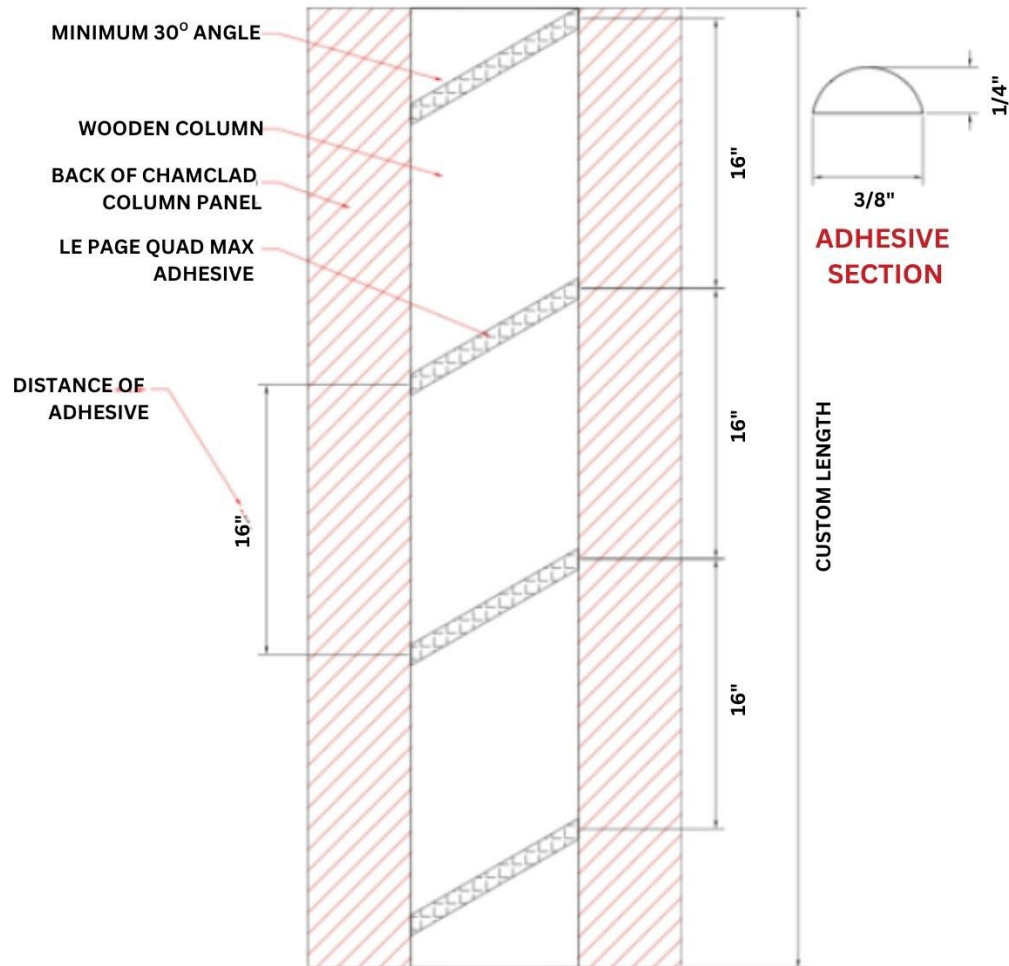


9.4 Finishing Options

- ☉ Option: 1" x 4" Architectural Trim
- ☉ Refer to page 30 for additional information and installation instruction.

STANDARD ADHESIVE APPLICATION

Regardless of the type of on-site attachment,
the standard adhesive application procedure must be followed

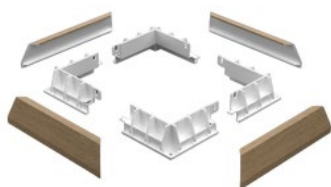


10.0 OPTIONAL TRIMS



1" x 4" Architectural Trim

- ④ Chamclad® offers use of architectural trims to finish the ends of the columns.
- ④ Measure and cut architectural trims at 45-degrees. Ensure the trim is pressed firmly against the column when determining the edge of the 45-degree cut.
- ④ Touch up exposed cut edges with touch-up paint. Paint cans or touch up pens available through ChamClad®.
- ④ Apply QuadMax (or equivalent) on the back of each cut trim and position along column base or cap. **Do not** apply adhesive at miter.
- ④ Wrap a fastening strap around trims and allow to cure for 24-72hrs.



Column Cap or Base Trim

- ④ Chamclad® offers precut Column Cap & Base trim to complete the (175mm) 2PC Column Wrap 7" installation.
- ④ **Place the column brackets around each corner of the column base and snap bracket together. Ensure they are level and anchor the bracket to the deck or substrate through the predrilled holes in the corners.**
- ④ Touch up exposed cut edges with touch-up paint if required
- ④ Snap on the 4pc column cap/face provided until they click.

11.0 CHAMCLAD 3PC QUICK CLICK BEAM SYSTEM

Refer to Installation Details BS-00, BS-02, BS-03, BS-07.

11.1 PRODUCTS – 8", 10" and 12" Quick Click Beams



Dimensions

- ④ Exterior dimensions of the column available are:
 - 8" x 8" (200mm x 200mm),
 - 10" x 10" (250mm x 250mm),
 - 12" x 12" (300mm x 300mm)
 - Check Detailed drawings (Figure 1 on page 20) for the internal clearance dimensions before ordering.
 - (Mix and match dimensions are also available.) (Figure 2 on page 21)

- ④ Columns available in 10ft (3m) and 20ft (6m) lengths.

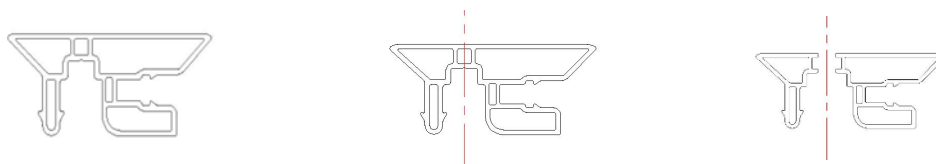


3" Quick Click Adapter

- ④ 10' and 20' Lengths

11.2 Installation

- ④ Start by measuring the length of your beam. Cut the ChamClad® beam to the desired length.
 - **Note:** In exterior application, cut beam to allow for expansion and contraction. Refer to gap chart on pg. 14)
- ④ Cut the 3" (75mm) Quick Click Adapter as shown below.



- ④ Attach it to the ceiling by countersinking screws on both sides. Ensure the 3" (75mm) QC Adapters are levelled properly. Use the chart to measure the correct length to leave between them based on the required width.



Distance From End to End (shown in red in picture)
8" x 8" Column/ Beam width = 7 7/8"
10" x 10" Column/ Beam width = 9 7/8"
12" x 12" Column/ Beam width = 11 7/8"

- ④ Make sure the ChamClad universal screws are fastened into a joist or stud. If there is no solid backing, it must be added before installation.
- ④ Insert one side of the beam as shown below.



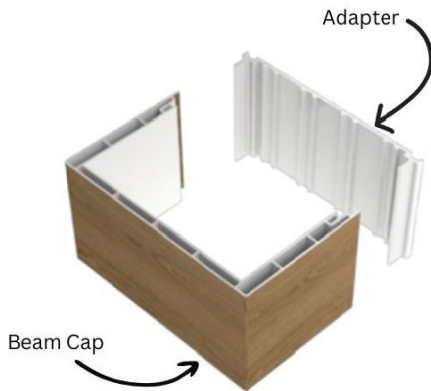
- ④ Snap together the two remaining pieces to form an L shape using a rubber mallet and QuadMax adhesive.
- ④ Attach the L-shaped assembly to the remaining beam along its entire length with a rubber mallet to ensure the beam is properly engaged.



12.0 CHAMCLAD 2 PC FAUX BEAM

Refer to Installation Detail BS-01.

12.1 PRODUCTS – 2 PC Faux Beam 5.5" x 3.35"



2 PC Faux Beam 5.5" x 3.35"

- ⦿ Exterior dimensions of the beam are 5-1/2" x 3-3/8" (140mm x 86mm).
- ⦿ Internal cleared dimensions of the beams are 4 3/4" x 3" (120mm x 75mm).
- ⦿ Beam Cap and Adapter lengths available in pairs at 10ft (3m), 16ft (4.9m), and 20ft (6m) lengths.



Beam Bracket 3.5"



Beam End Cap

12.2 Loading

- ⦿ ChamClad® 2PC Beam System is not load bearing and should not be used as primary source of weight support.
- ⦿ Internal Weight Capacity of Beam = 24.11 kg/m (16.17 lbs/ft) (equally distributed weight).
 - o Weight of Beam and Adapter = 1.84 kg/m (1.23 lbs/ft)

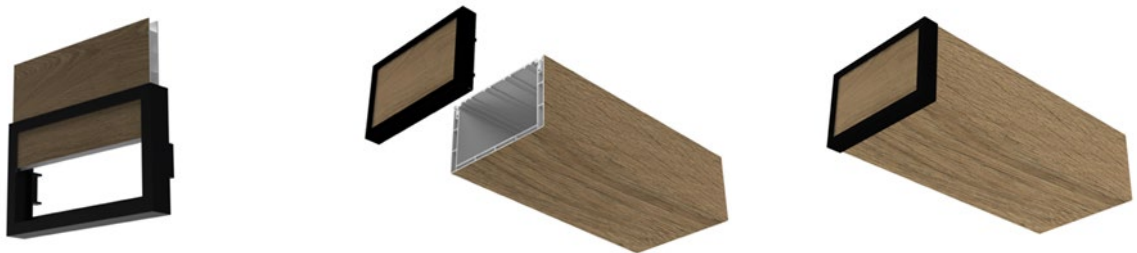
12.3 Installation

- ⦿ ChamClad® 2PC beam is compatible for interior applications.
- ⦿ Allow 2PC beam system to climatize to installation temperatures prior to cutting. Measure and mark beam length using a square edge.
- ⦿ If fitting against an angled wall or ceiling, a T-bevel may be helpful to determine the cut angle.
- ⦿ Add ChamClad® beam bracket to close any spacing between wall and beam (2 per pack plus screws, #8 1 1/2" flat quadrex course thread plated black zinc) 8 per bag.
- ⦿ Use a fine-toothed circular saw to cut beam cap and adapter. Ensure equal lengths of both adapter and beam are cut.
- ⦿ Mark ceiling with a chalk line to ensure a straight installation of the beam base.

- ⦿ Fasten adapter using ChamClad® universal screws every 16-24" (400-600mm). Ensure fasteners are fastened into a joist or a stud.

12.4 Finishing – Beam End Cap Option

- ⦿ Trim the supplied 3/8" panel to 5 1/2" X 3 1/4" (You may also use a matching 3/8" panel from the job).
- ⦿ Slide the panel into the Beam End Cap ensuring the panel is to the bottom of the cap and no panel is exposed above the trim.
- ⦿ Add a small dab of QuadMax (ASTM C920 or equivalent) adhesive into the cavity of the beam on 2 sides.
- ⦿ Fit the Beam Cap End onto the beam.





CHAMCLAD® PRIVACY WALL/ SCREENS

EXTERIOR & INTERIOR



13.0 PRIVACY WALL / SCREENS

13.1 IMPORTANT INFORMATION- DISCLAIMER

ChamClad® Privacy Walls are intended for **decorative purposes only** and must be securely affixed at both the top and bottom as part of standard installation.

Any alternative use—including but not limited to structural support, load-bearing applications, or installation where lateral forces (e.g., wind load, occupant interaction) are a concern—**requires the review and approval of a qualified Structural Engineer** to assess appropriate attachment methods, load requirements, and safety considerations.

For **exterior applications**, it is the responsibility of the Builder, Contractor, or Installer to:

- ☉ Ensure **all penetrations and connection points are properly waterproofed**,
- ☉ Confirm **material compatibility** between ChamClad® components and the surrounding building envelope, and
- ☉ Comply with **all applicable local building codes and regulations** as enforced by the Authority Having Jurisdiction (AHJ).

ChamClad® does not assume liability for improper installation, structural use, or failure to meet local code requirements.

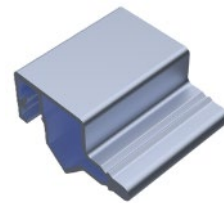
13.2 Products



3" Quick Click Adapter
10' and 20' Lengths



Quick Click Columns
8", 10" and 12"



Quick Click Connector (QCC)
10' Lengths

13.3 Installation

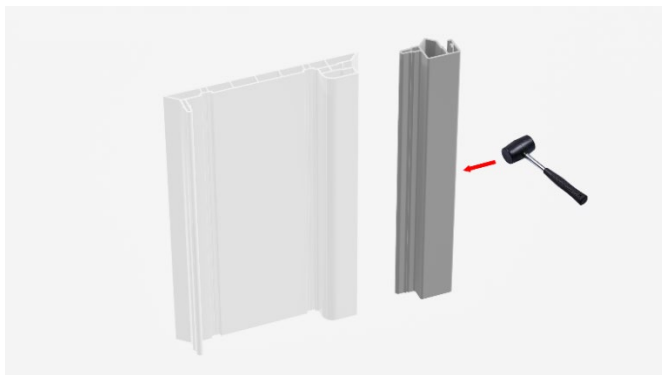
Plan the Privacy Wall/ Screen Design

- ☉ Before proceeding with installation, carefully plan the layout details of your privacy wall or screen. Key questions to address include:
 - What is the required length and height of the privacy wall or screen.
 - The standard wall height is 10 feet. Shorter walls will require cutting.
- ☉ **NOTE:** Walls must be affixed at base and top.

IMPORTANT: To ensure a proper and secure installation, it is critical to follow the sequencing outlined in this manual. Failure to follow the prescribed sequence may result in compromised connections, including bowing, misalignment, or separation at the joints.

🌀 **Step 1 – Insert Quick Click Connector (QCC) into Column**

Insert the QCC (grey piece) into the vertical channel of the ChamClad® Column. Use a non-marking rubber mallet to gently tap the QCC into place, ensuring the fin is fully seated and aligned.



🌀 **Step 2 – Install Opposite Column into QCC**

Take the second ChamClad® Column and align it with the exposed channel on the installed QCC. Tap it into place using a rubber mallet to form the complete column assembly.



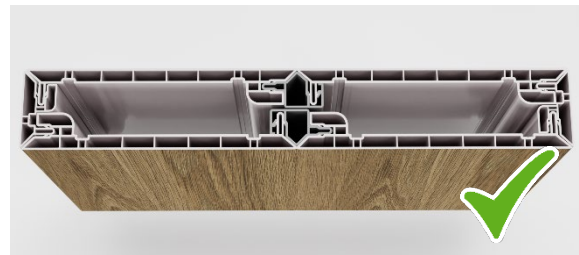
IMPORTANT NOTE:

To prevent bowing or loosening of the privacy wall, the QCC must be fully and securely seated within the column channel, with no visible gaps.

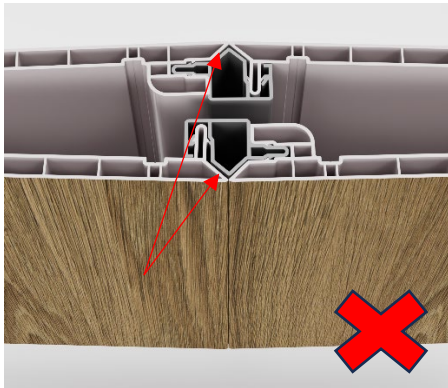
Note: This step is highly dependent on correct sequencing. Deviating from the recommended order of operations at this stage may lead to improper alignment and connection issues.



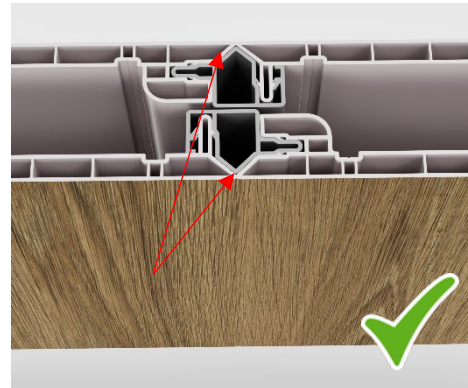
Incorrect installation of QCC to column piece as gaps are present.



Correct installation of column piece where the pieces are snug together.



Gap at the connection which will cause bowing



Correct installation with no gaps present

🌀 Step 3 – Apply Adhesive and Insert 3" Quick Clip Adapter

Apply a small bead of QuadMax® (or approved adhesive) along the edge of the 3" Adapter — avoid over-application to prevent squeeze-out. Insert the 3" Adaptor into the open channel of the column, tapping gently with a rubber mallet until fully seated. This forms the first L-shaped panel assembly.



🌀 Step 4 – Anchor Internal Blocking for Support

After creating the two L-shaped panel assemblies, internal support must be added to anchor the wall structure securely.

- Install wood blocking or metal L-brackets inside the panel cavity at both the top and bottom of each panel side, as shown in the illustrations.
- Fasten all supports from the interior side only; ensuring that no exterior fasteners or penetrations are visible from the finished face.

- Each support must be securely attached to a suitable supporting member or substrate (e.g., framing, concrete slab) using appropriate fasteners for the material.
- For interior applications, the type and method of support may vary depending on your finish and substrate. These recommendations are intended as general guidance.

Note on Exterior Use:

While this product is approved for both interior and exterior applications, this installation instruction is primarily intended for **interior use**. For **exterior installations**, refer to the general disclaimer regarding waterproofing, structural anchoring, and material compatibility. The installer is responsible for ensuring compliance with all local building codes and requirements.



Example of Wood Blocking



Example of Metal L- Bracket w/ Blocking



Example of Metal L- Bracket

Step 5 – Complete the Assembly

- Before closing the panel, apply a small bead of QuadMax® (or approved adhesive) at the top and bottom PVC-to-PVC connection points, in the same adhesive locations used for the 3" Adapter in Step 3. Avoid over-application to prevent squeeze-out.
- Next, bring the second L-shaped panel assembly into position and carefully align it with the internal blocking installed in the first panel.
- Tap or press the two assemblies together using a non-marking rubber mallet or your hands until the structure is fully closed, and the panels are securely joined.

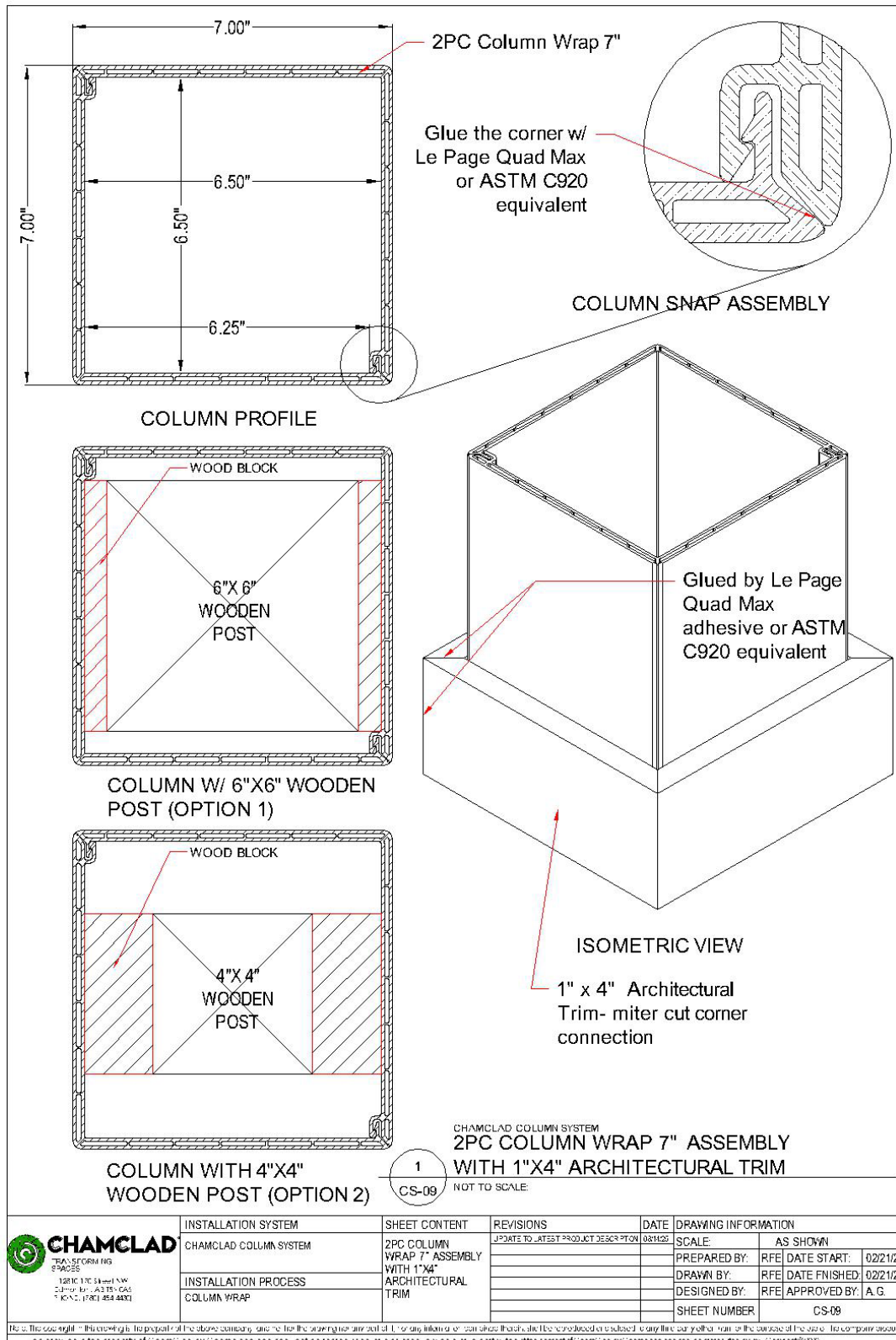
**Step 6 – Final Assembly**

Ensure all connections are tight and aligned.

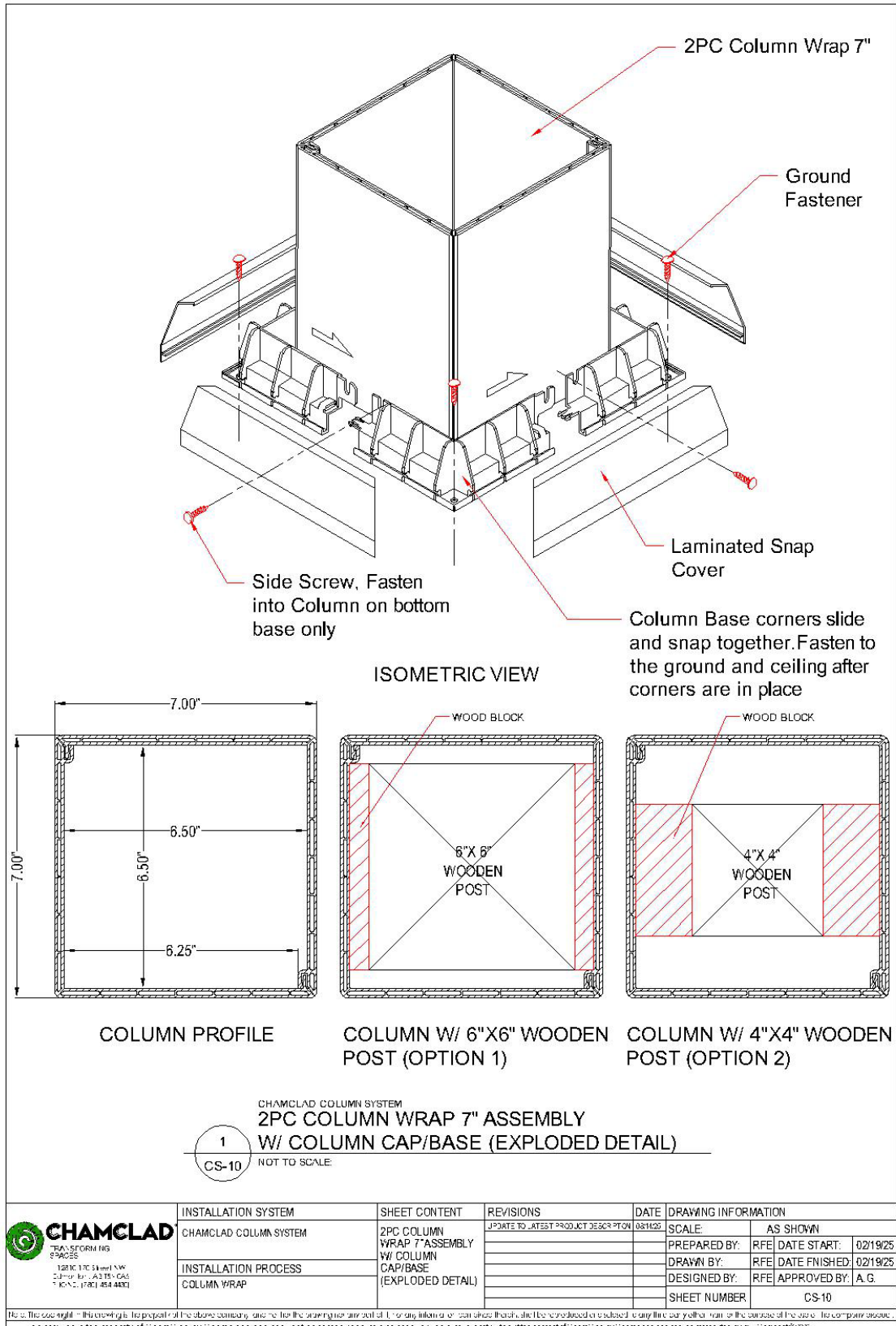


14.0 ASSEMBLY DRAWINGS

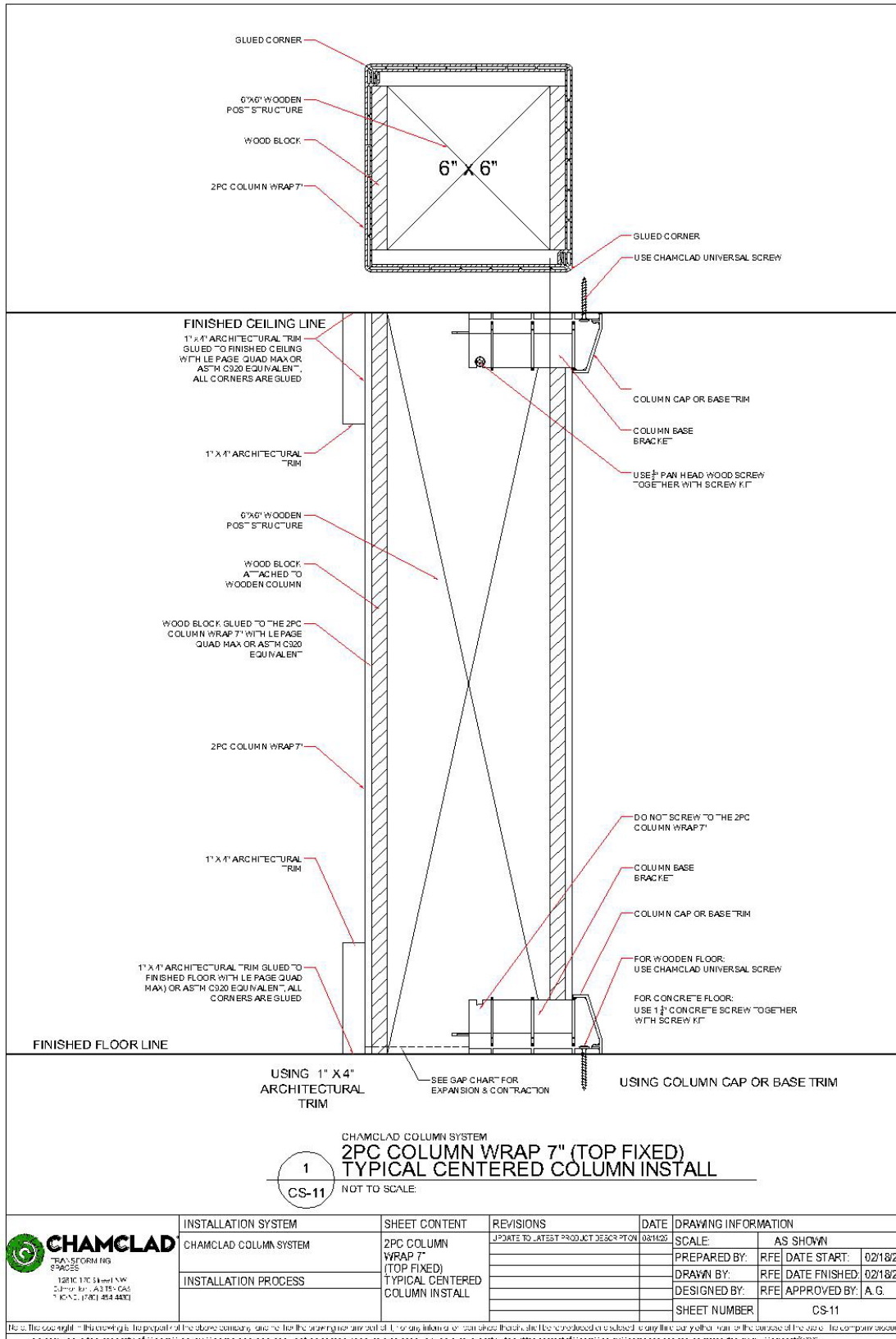
14.1 CS-09 - 2PC Column Wrap 7" Assembly with 1" x 4" Architectural Trim



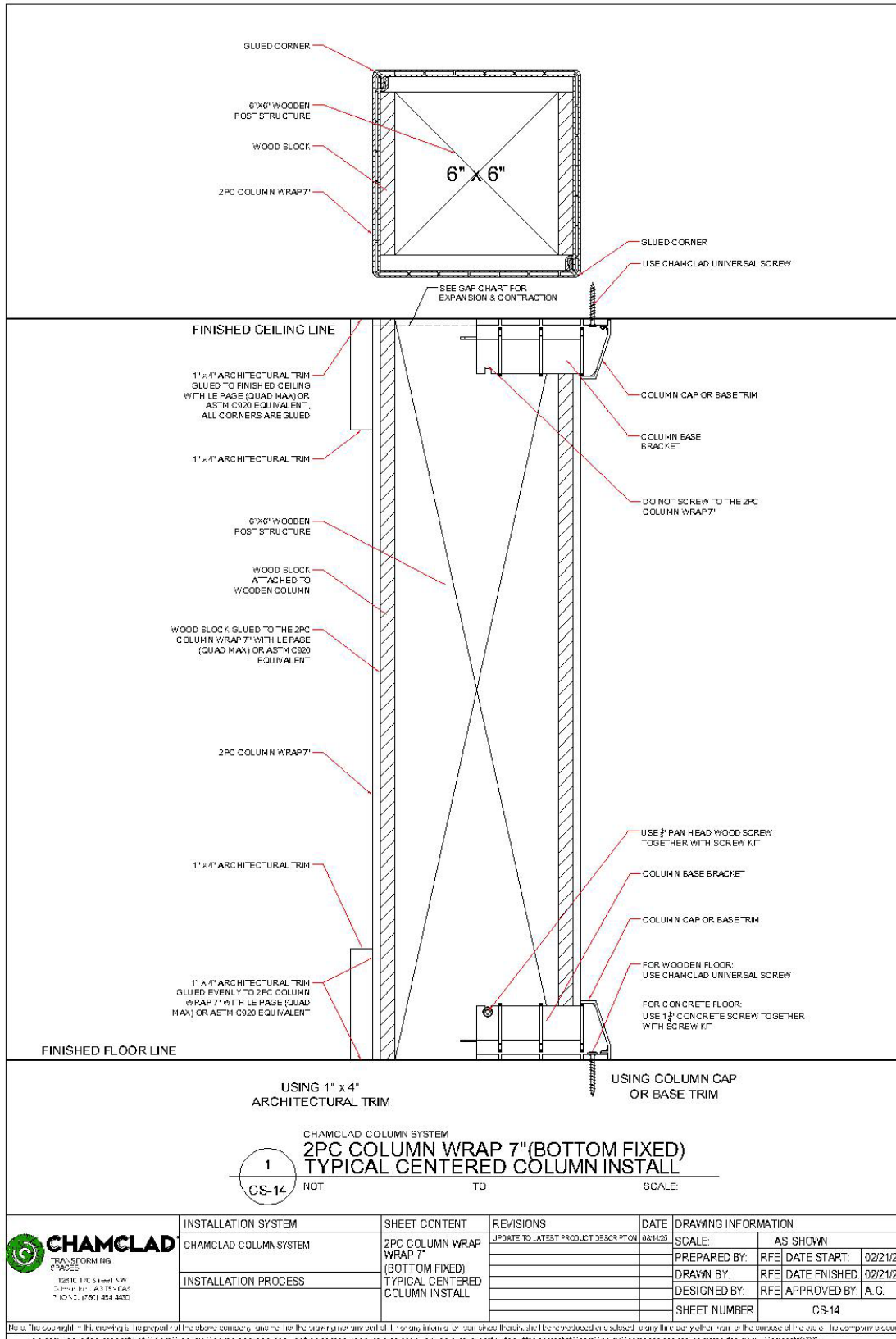
14.2 CS-10 - 2PC Column Wrap 7" Assembly with Column Cap Base



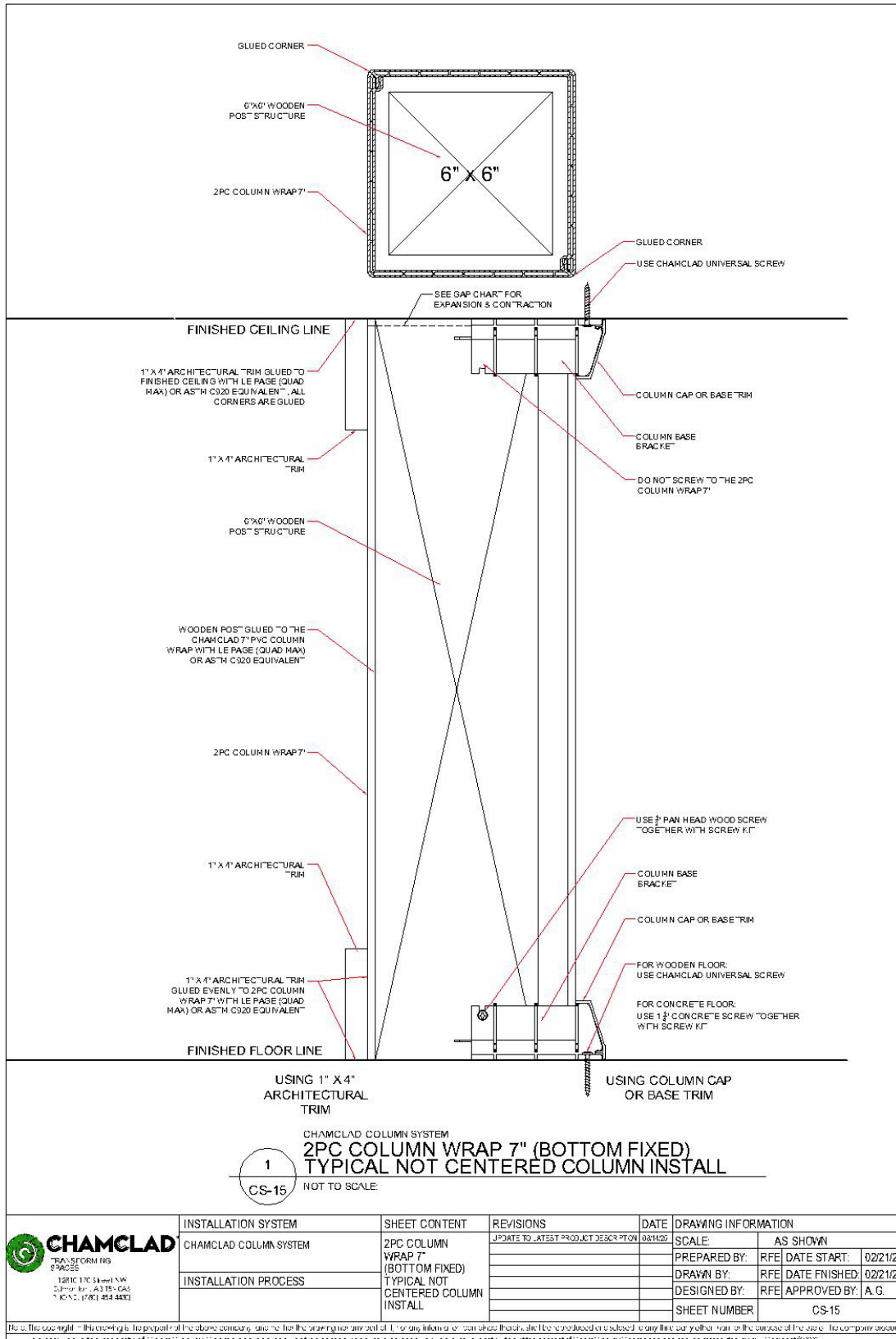
14.3 CS-11 - 2PC Column Wrap 7" (Top Fixed) Typical Centered Column Install



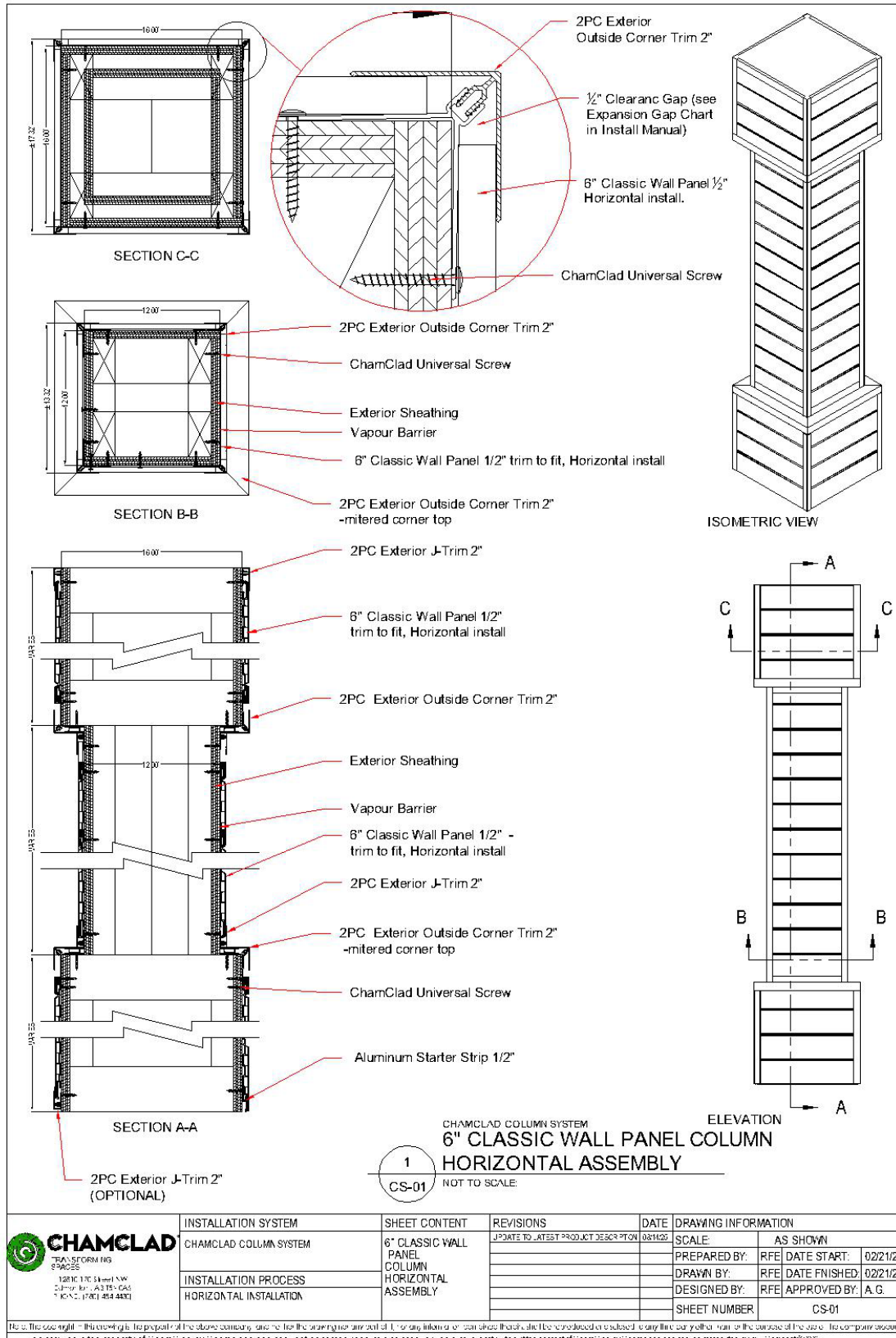
14.5 CS-14 - 2PC Column Wrap 7" (Bottom Fixed) Typical Centered Column Install



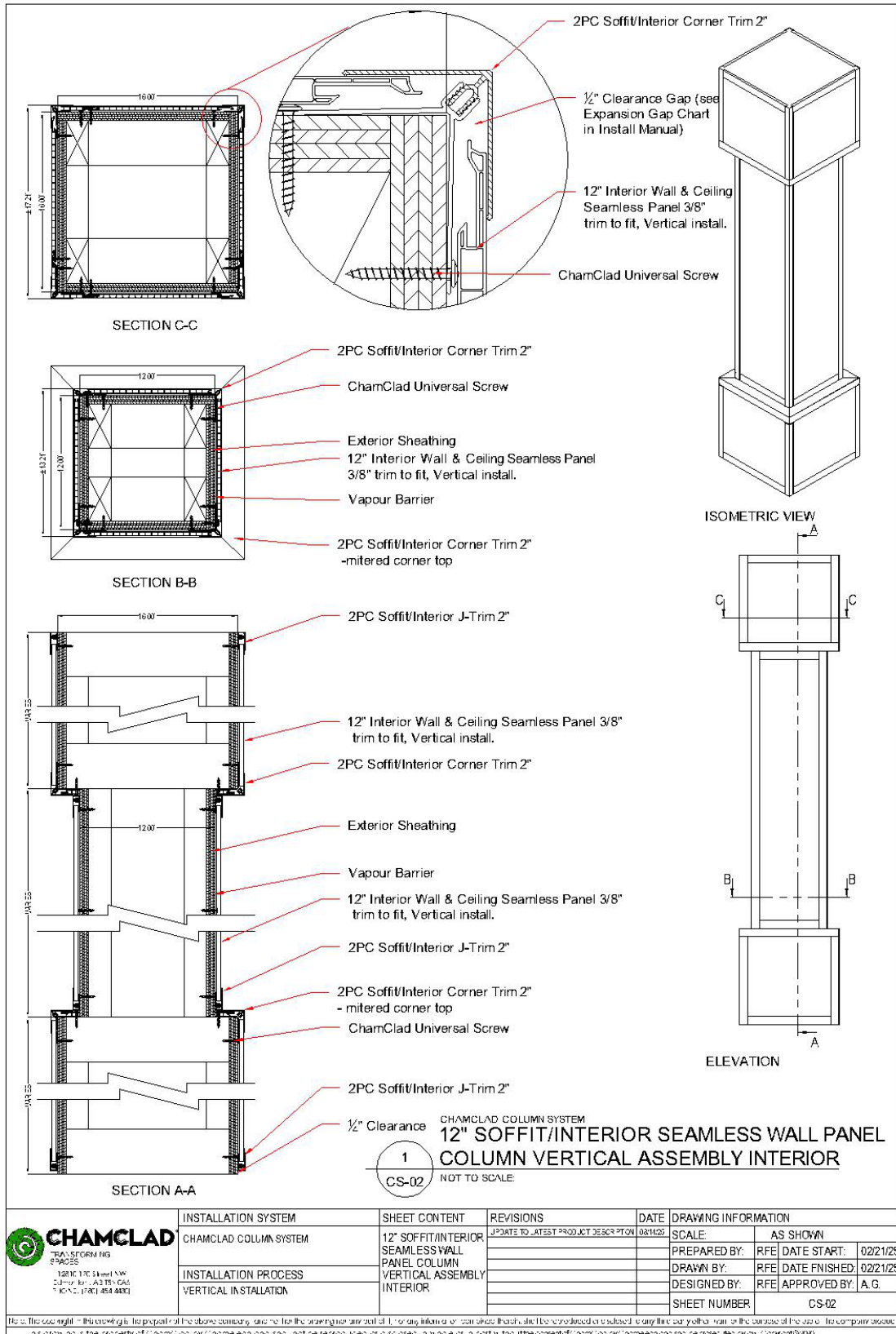
14.6 CS-15 - 2PC Column Wrap 7" (Bottom Fixed) Typical Not Centered Column Install



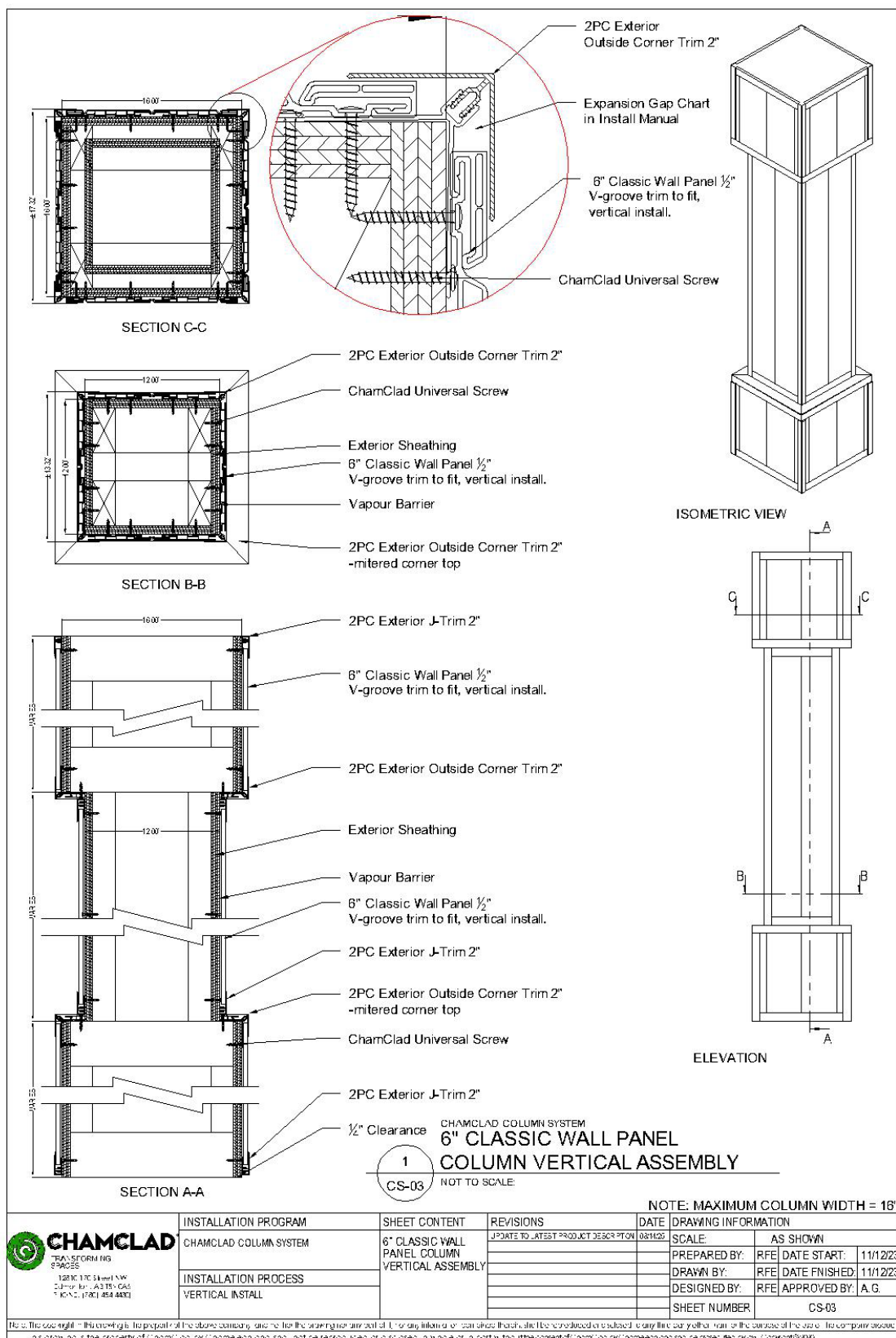
14.7 CS-01 - 6" Exterior Wall Panel Column – Horizontal Assembly



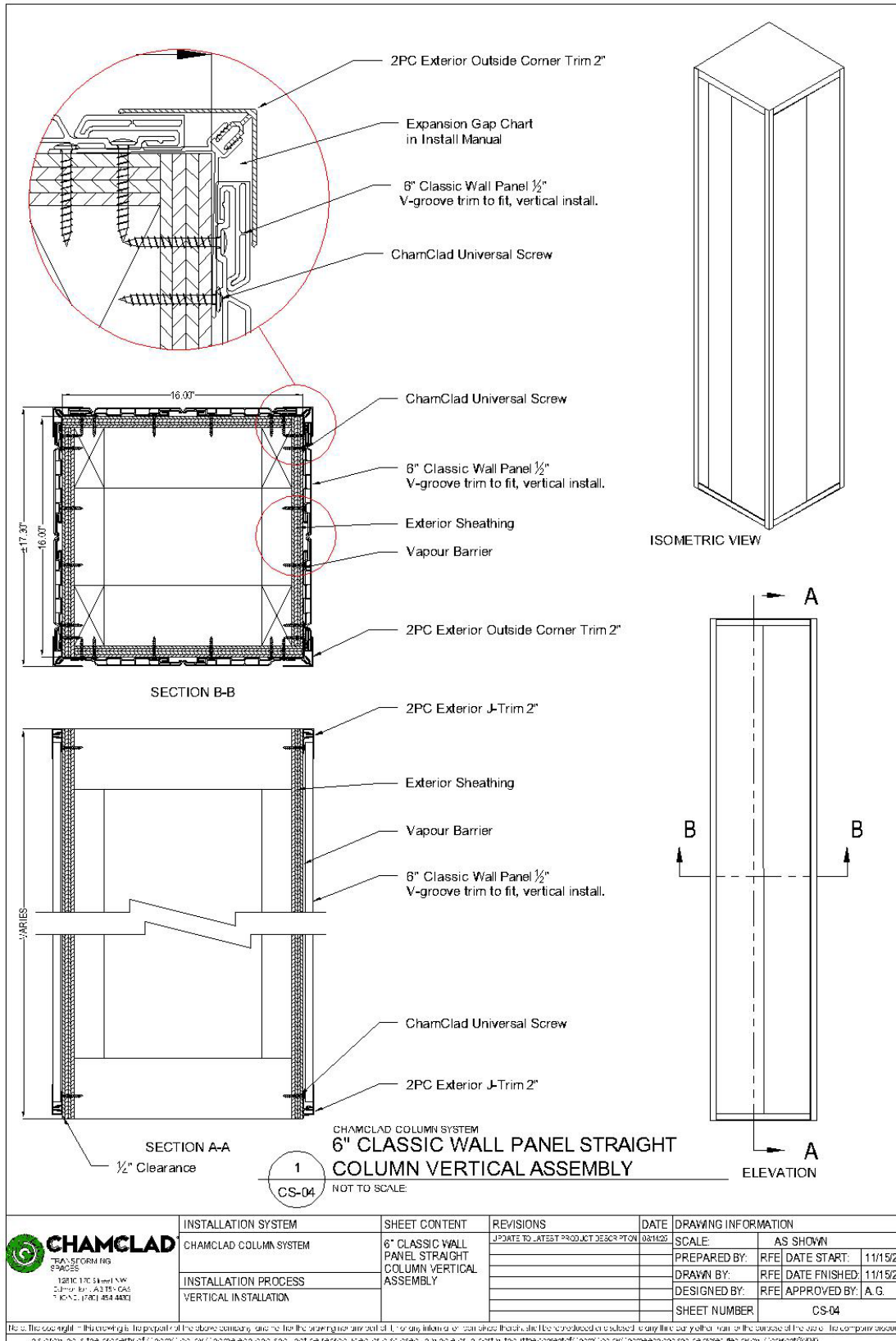
14.8 CS-02 - 12" Soffit/Interior Seamless Wall Panel- Column Vertical Assembly- Interior



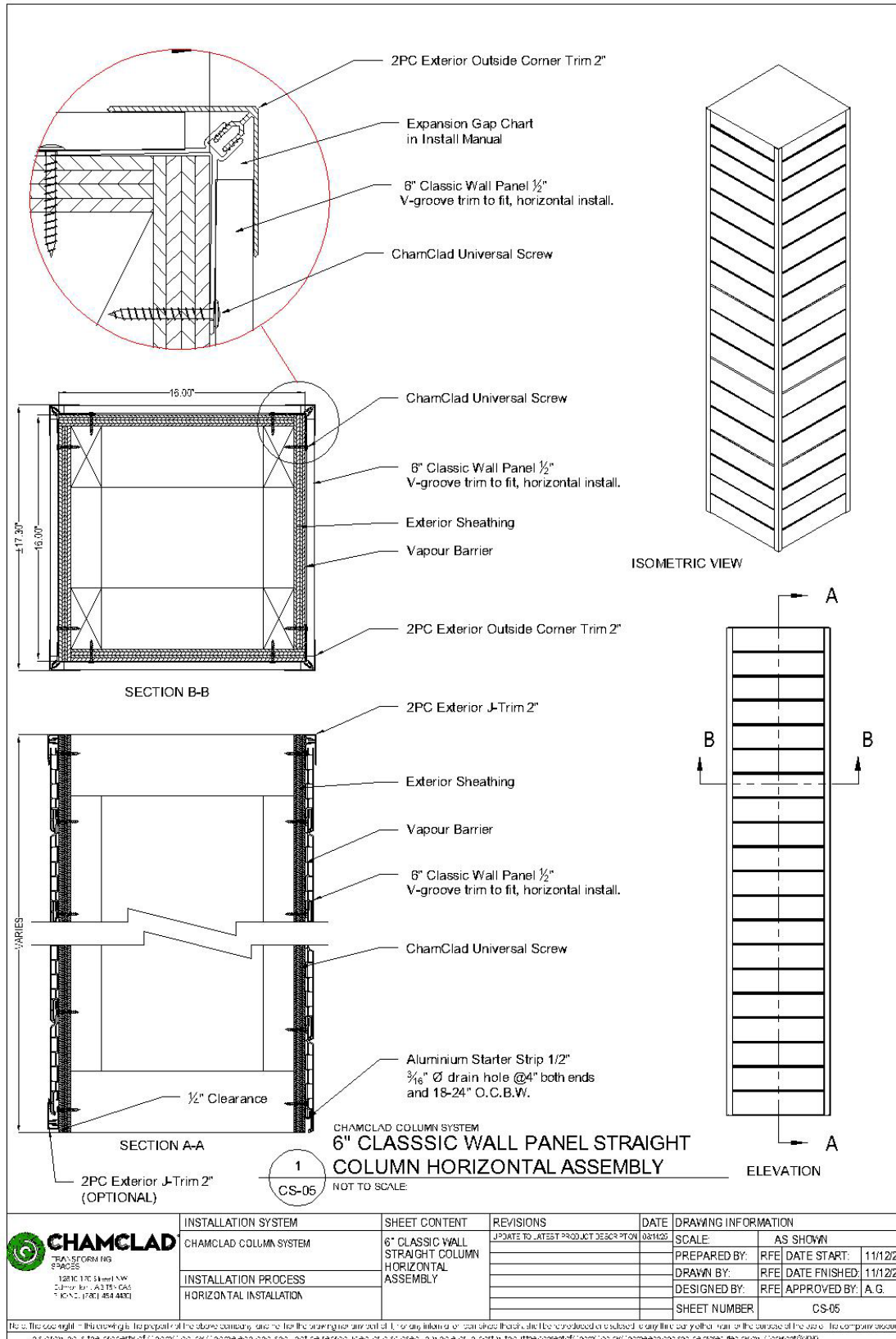
14.9 CS-03 - 6" Exterior Wall Panel Column – Vertical Assembly



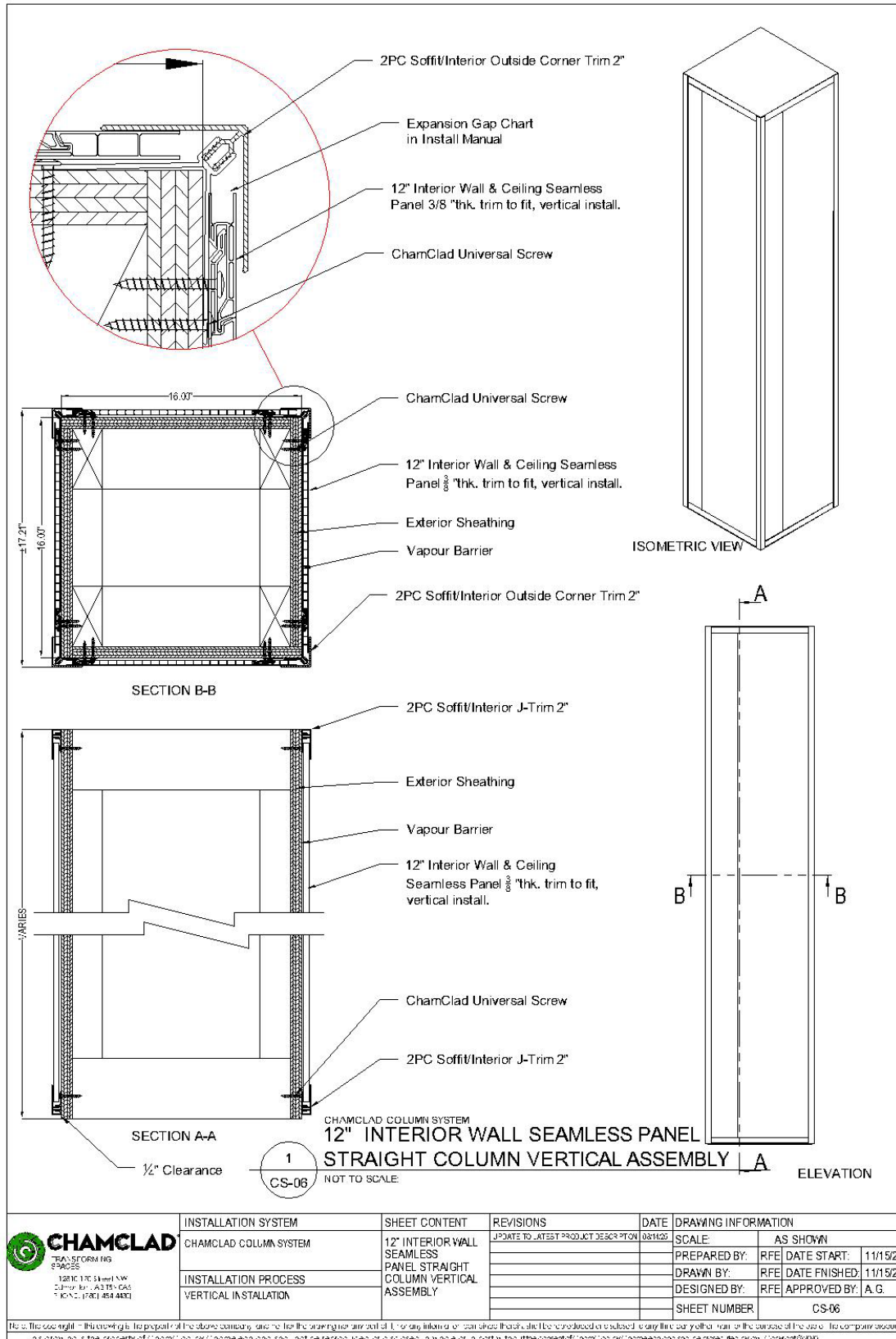
14.10 CS-04 - 6" Exterior Wall Panel Straight Column – Vertical Assembly



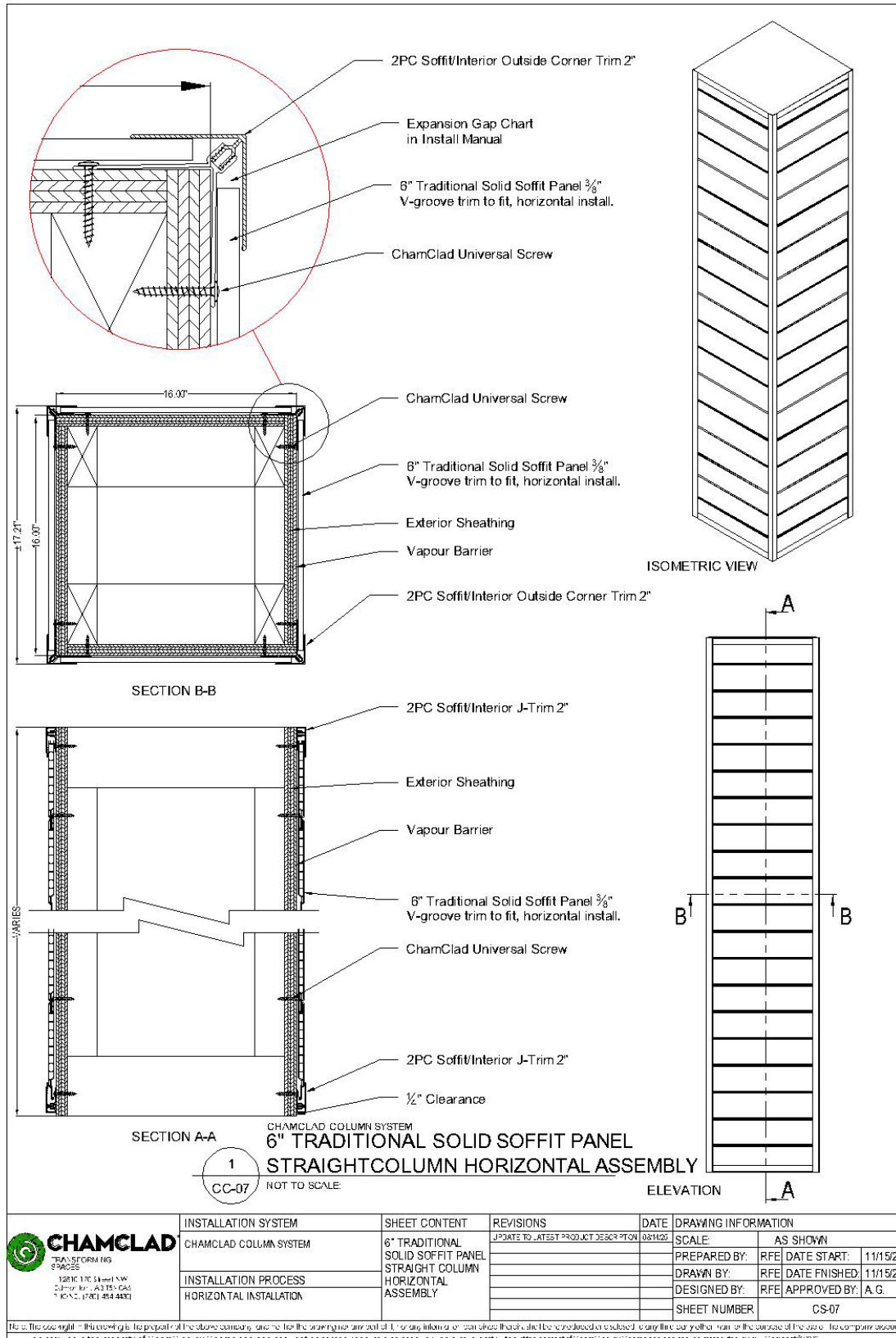
14.11 CS-05 - 6" Exterior Wall Panel Straight Column –Horizontal Assembly



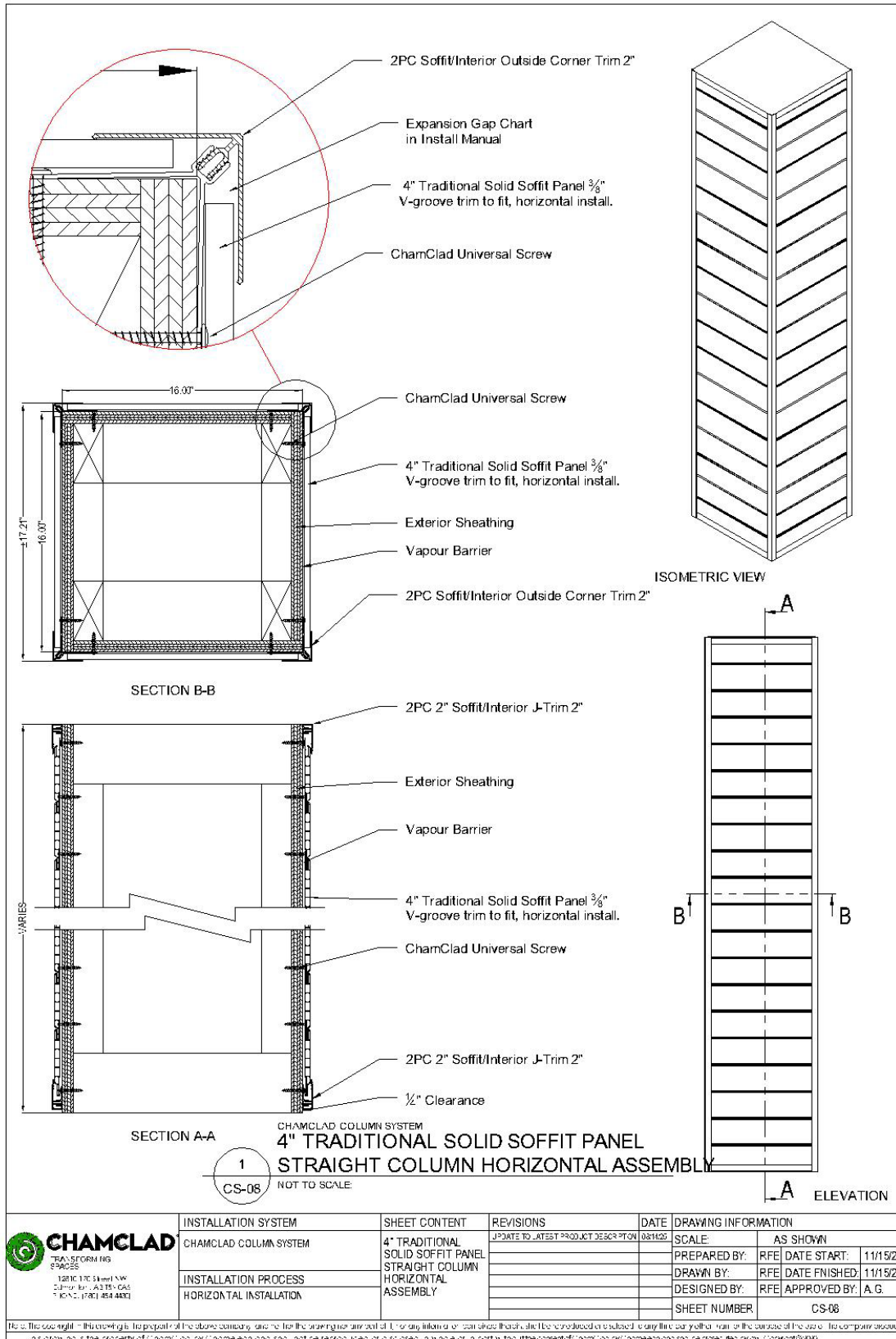
14.12 CS-06 - 12" Interior Wall Seamless Panel Straight Column – Vertical Assembly



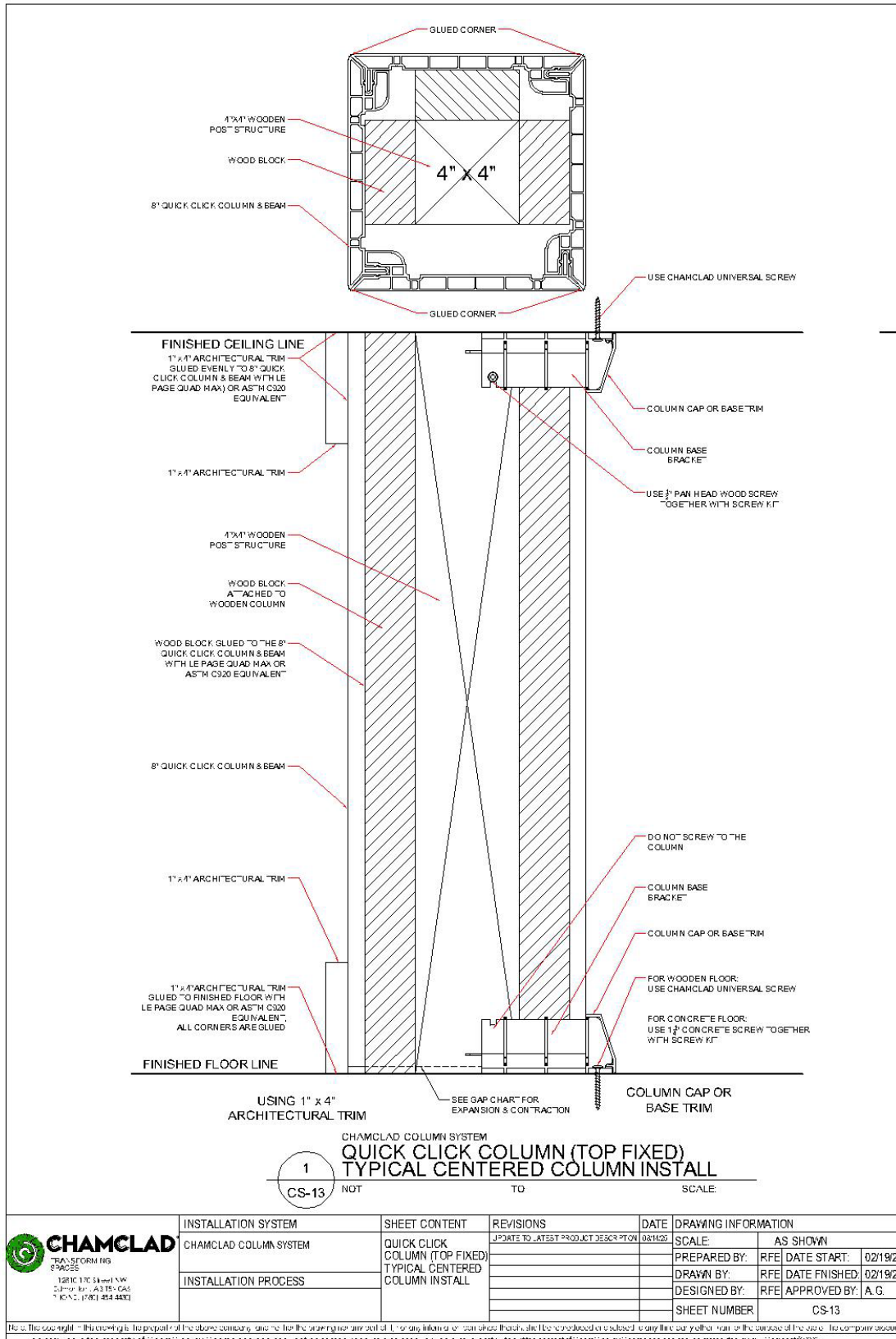
14.13 CS-07 - 6" Traditional Soffit Panel Straight Column – Horizontal Assembly



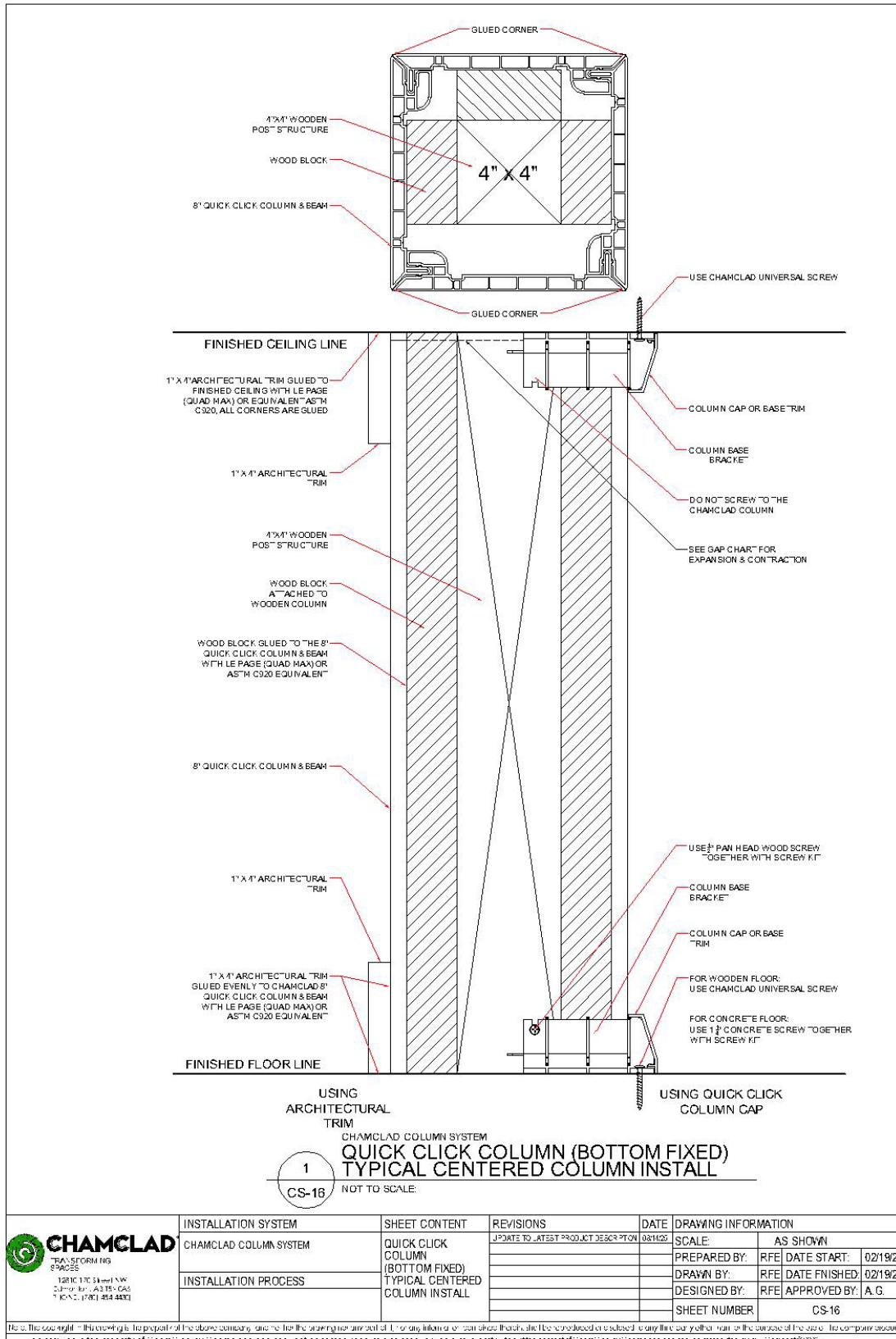
14.14 CS-08 - 4" Traditional Soffit Panel Straight Column – Horizontal Assembly



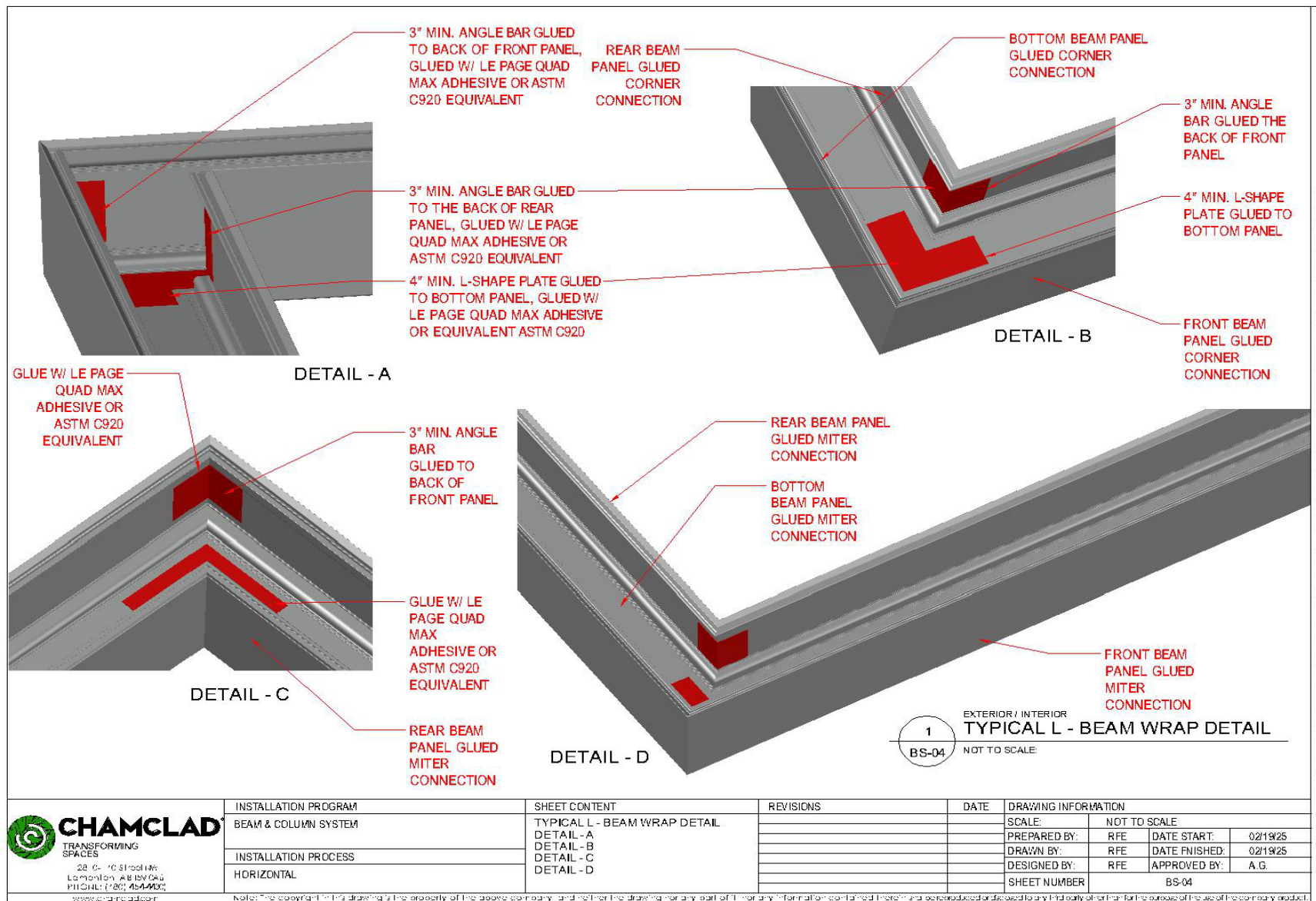
14.15 CS-13 - Quick Click Column (Top Fixed) Typical Centered Column Install



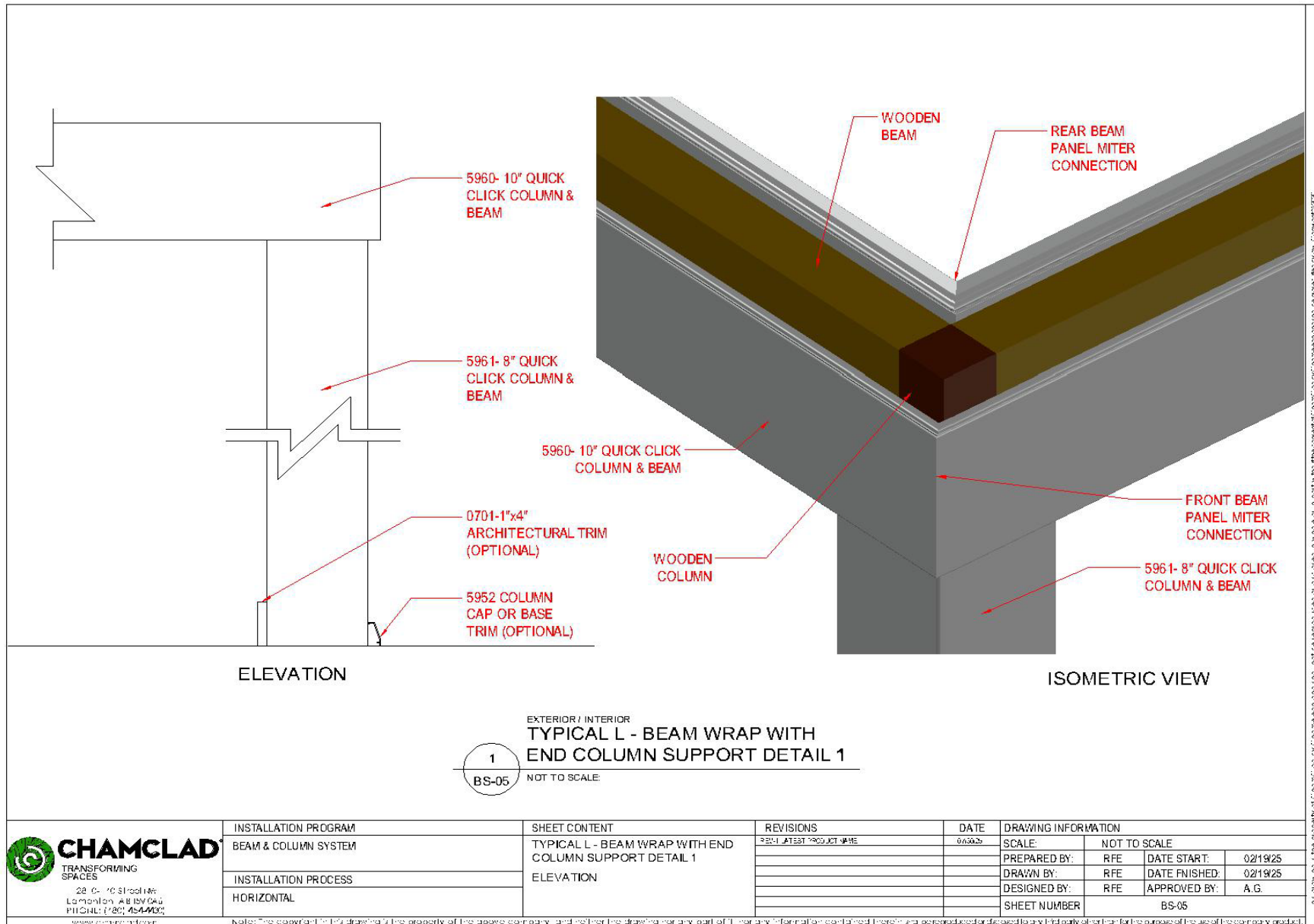
14.16 CS-16 - Quick Click Column (Bottom Fixed) Typical Centered Column Install



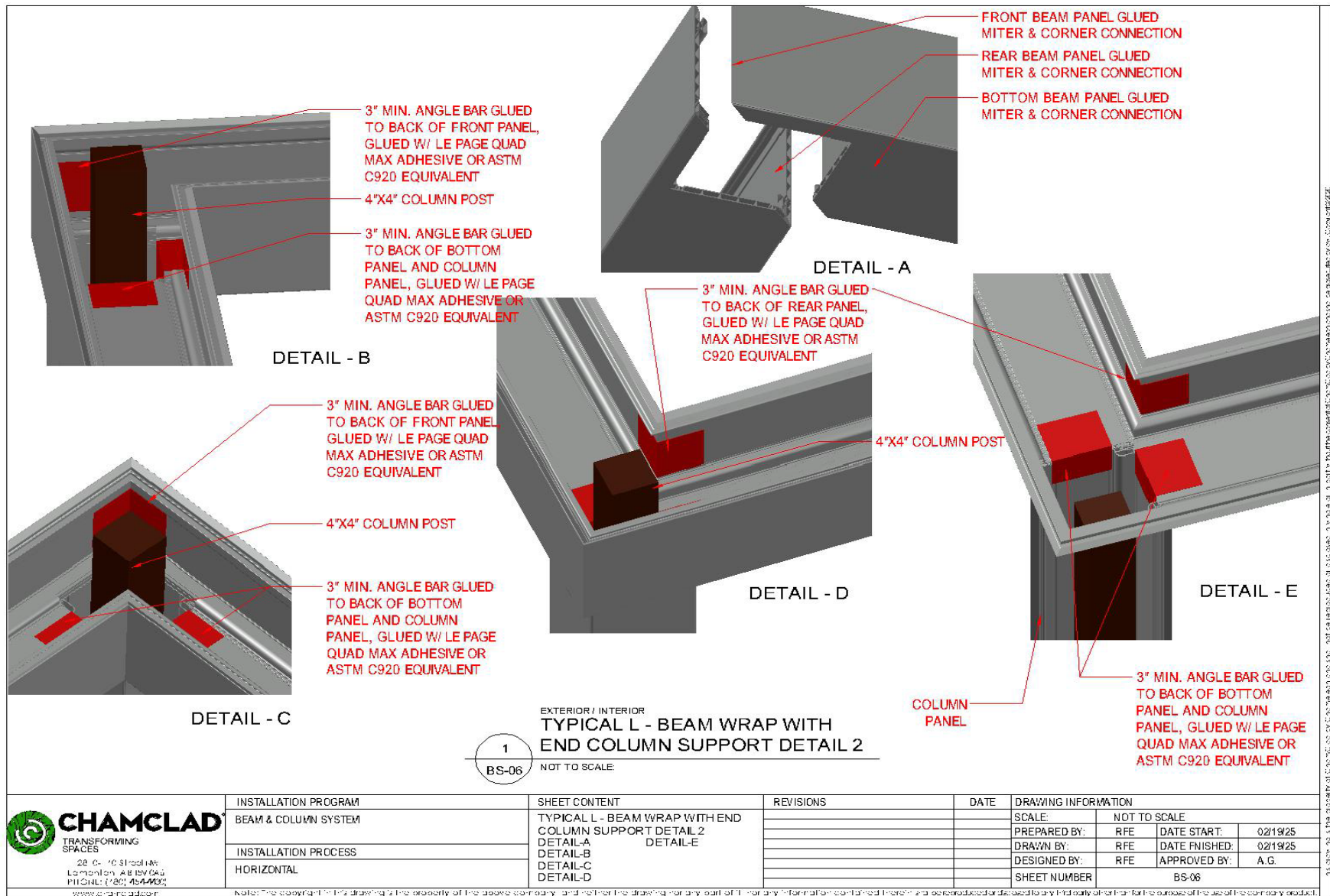
14.17 BS-04 – Typical L-Beam Wrap Detail



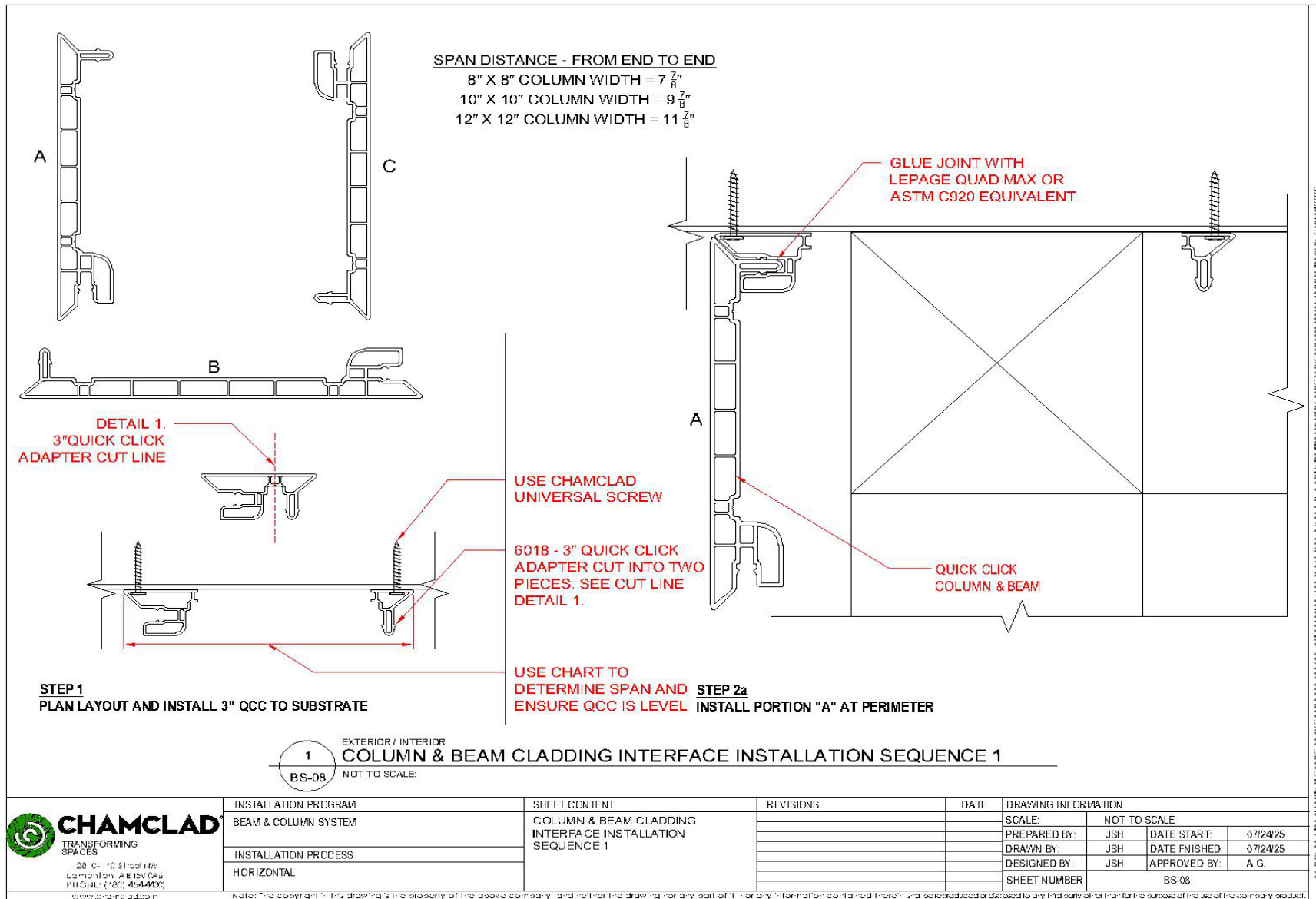
14.18 BS-05 - Typical L- Beam Wrap Detail with End Column Support Detail 1



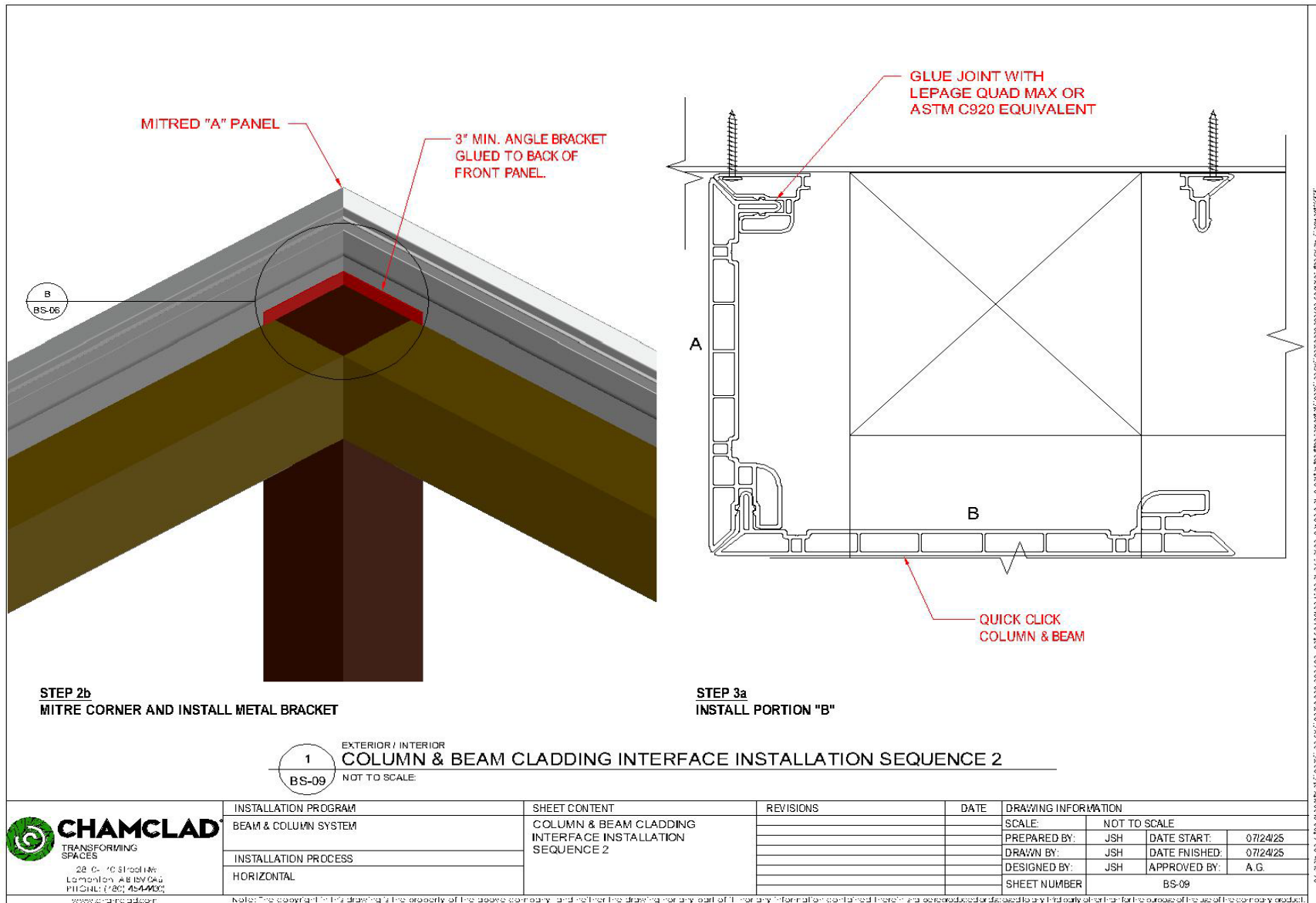
14.19 BS-06 - Typical L- Beam Wrap Detail with End Column Support Detail 2



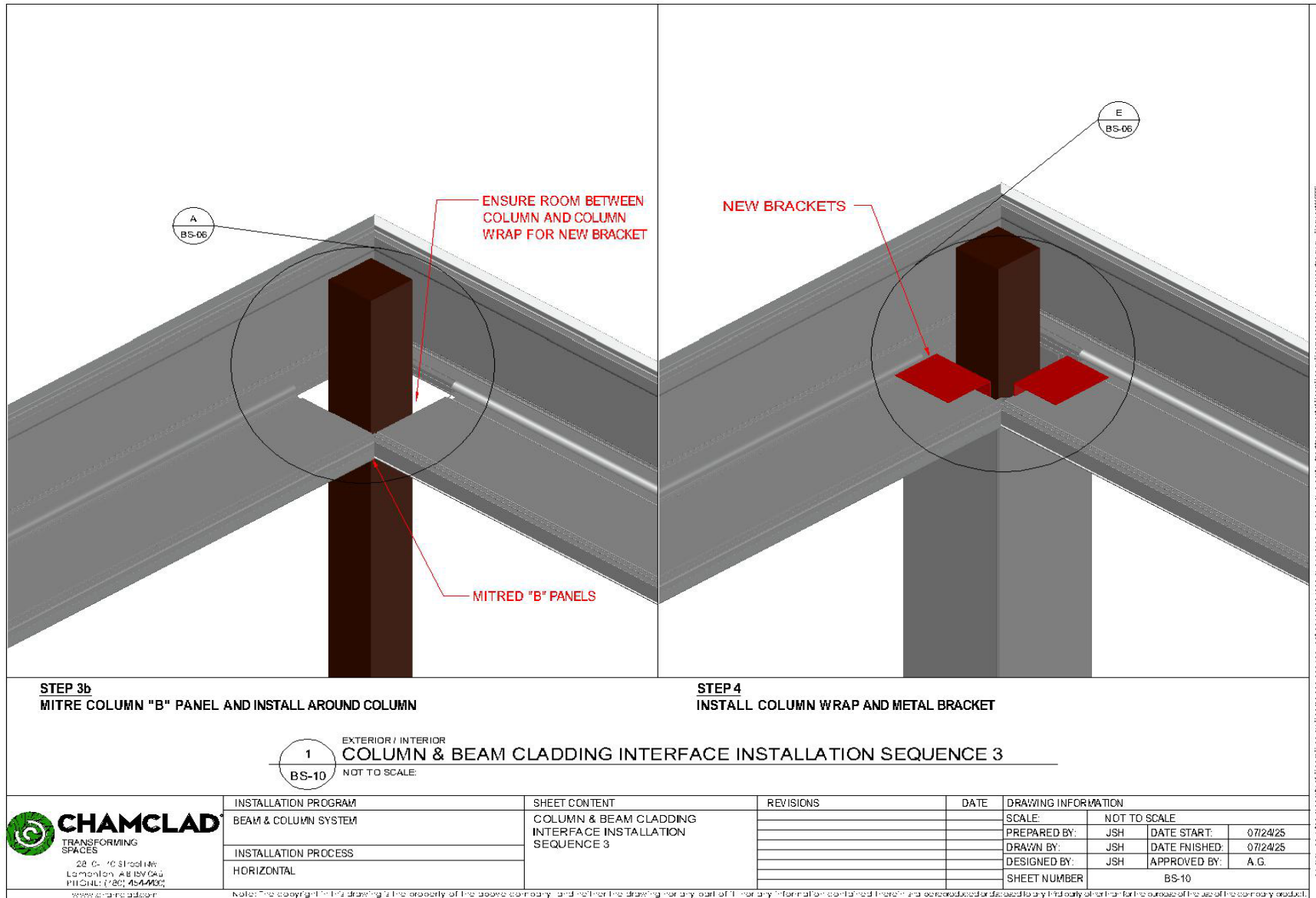
14.20 BS 08 – Column & Beam Cladding Interface Installation Sequence 1



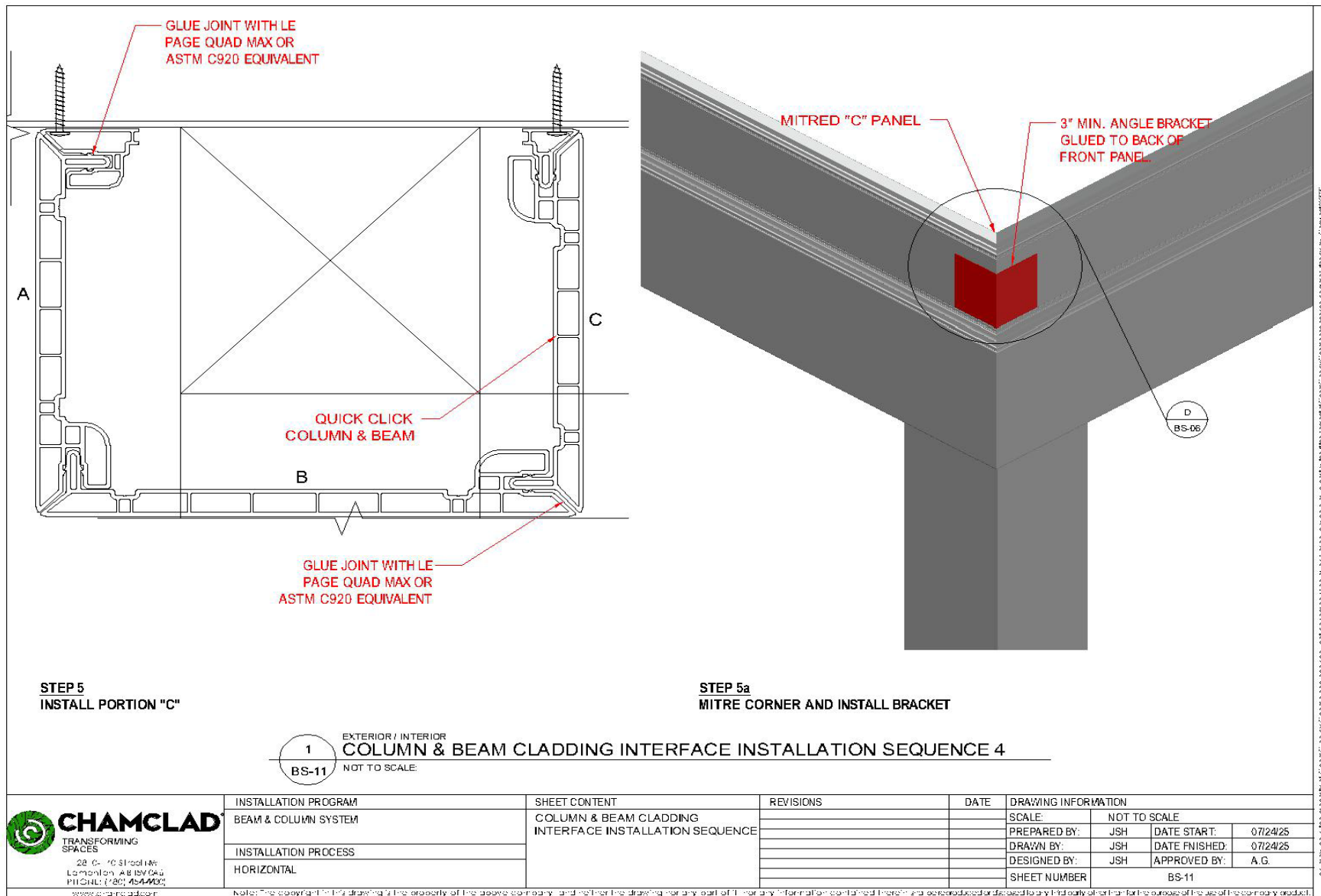
14.21 BS-09 - Column & Beam Cladding Interface Installation Sequence 2



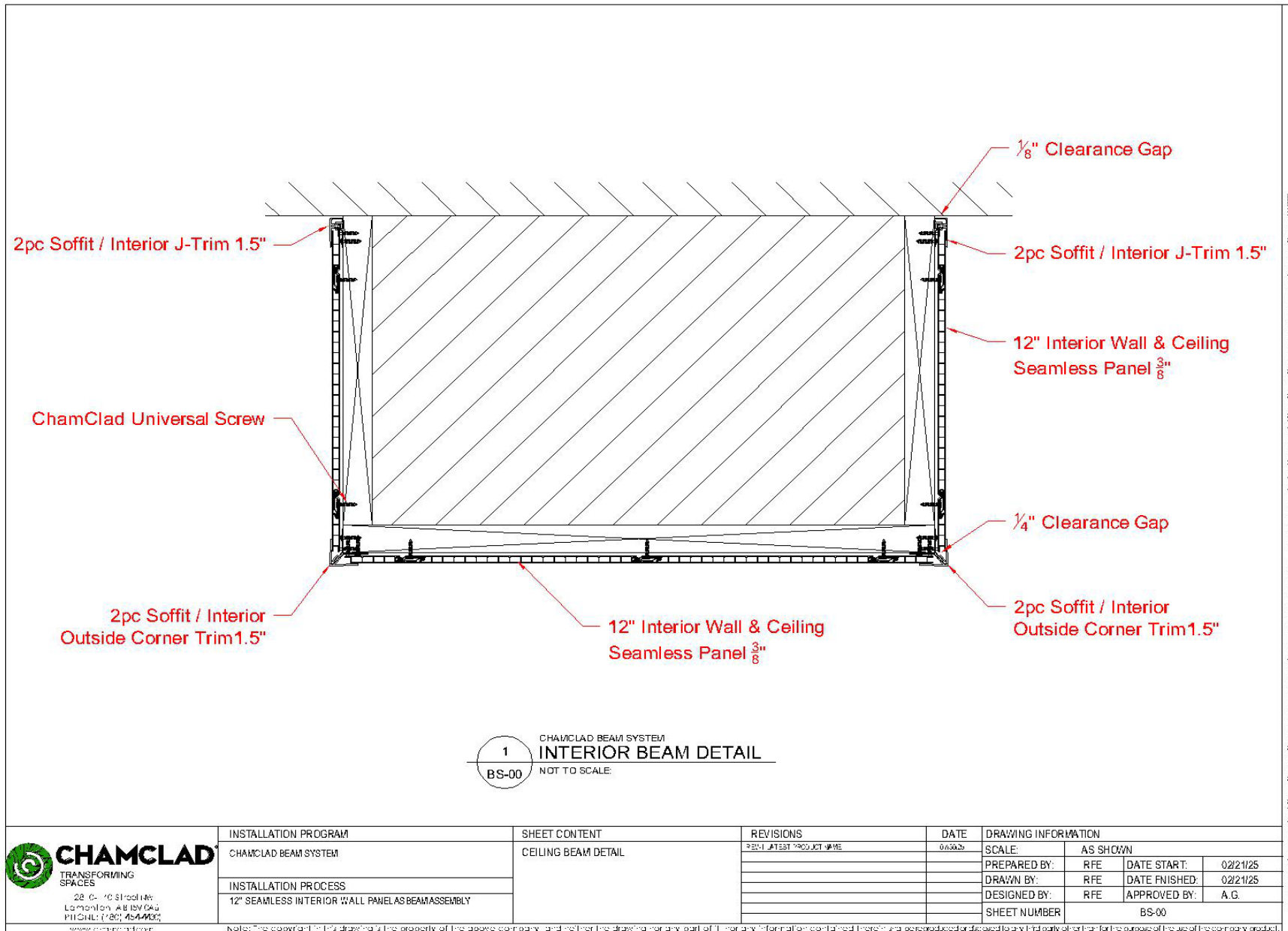
14.22 BS-10 - Column & Beam Cladding Interface Installation Sequence 3



14.23 BS-11 - Column & Beam Cladding Interface Installation Sequence 4

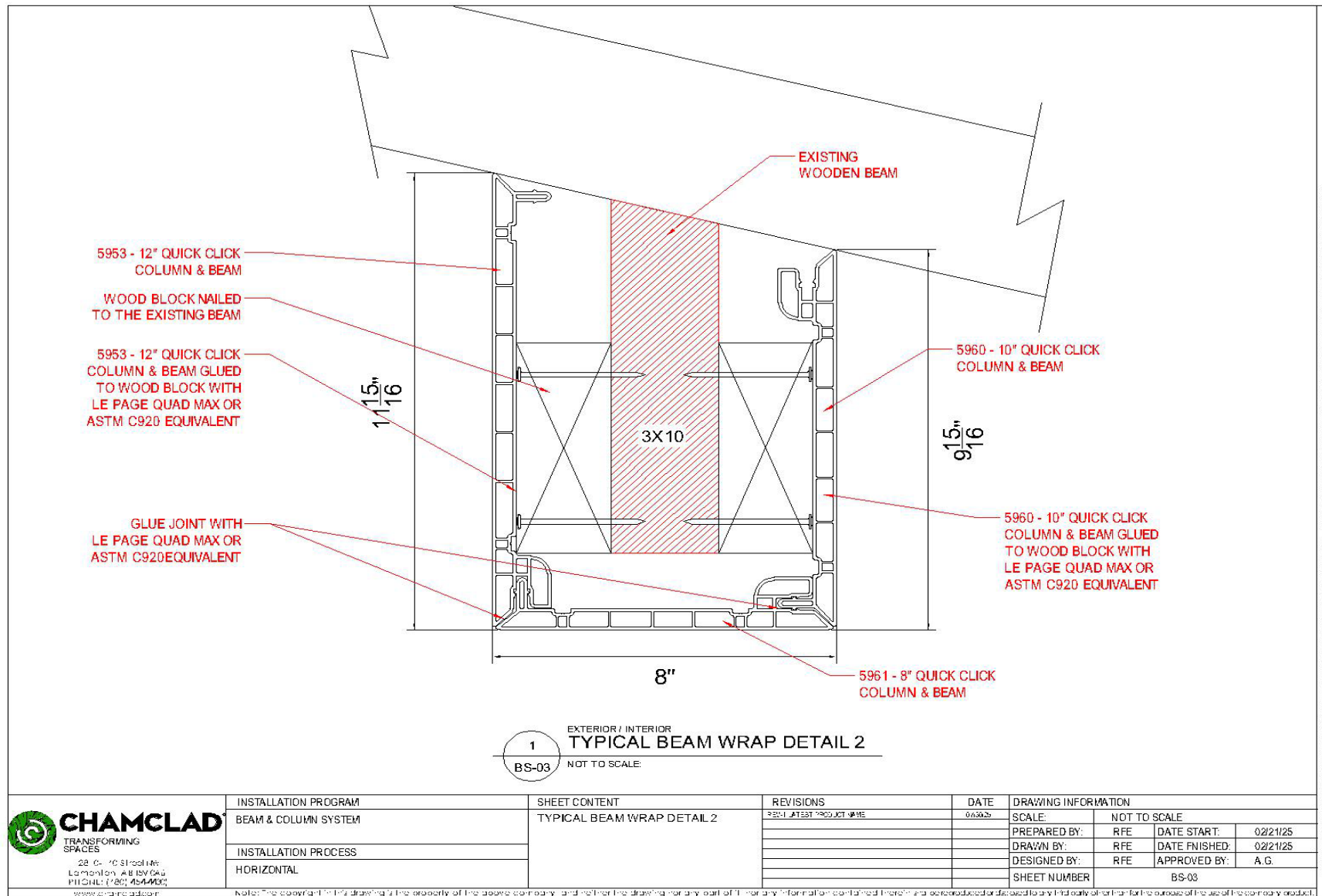


14.24 BS-00 – Interior Beam Detail

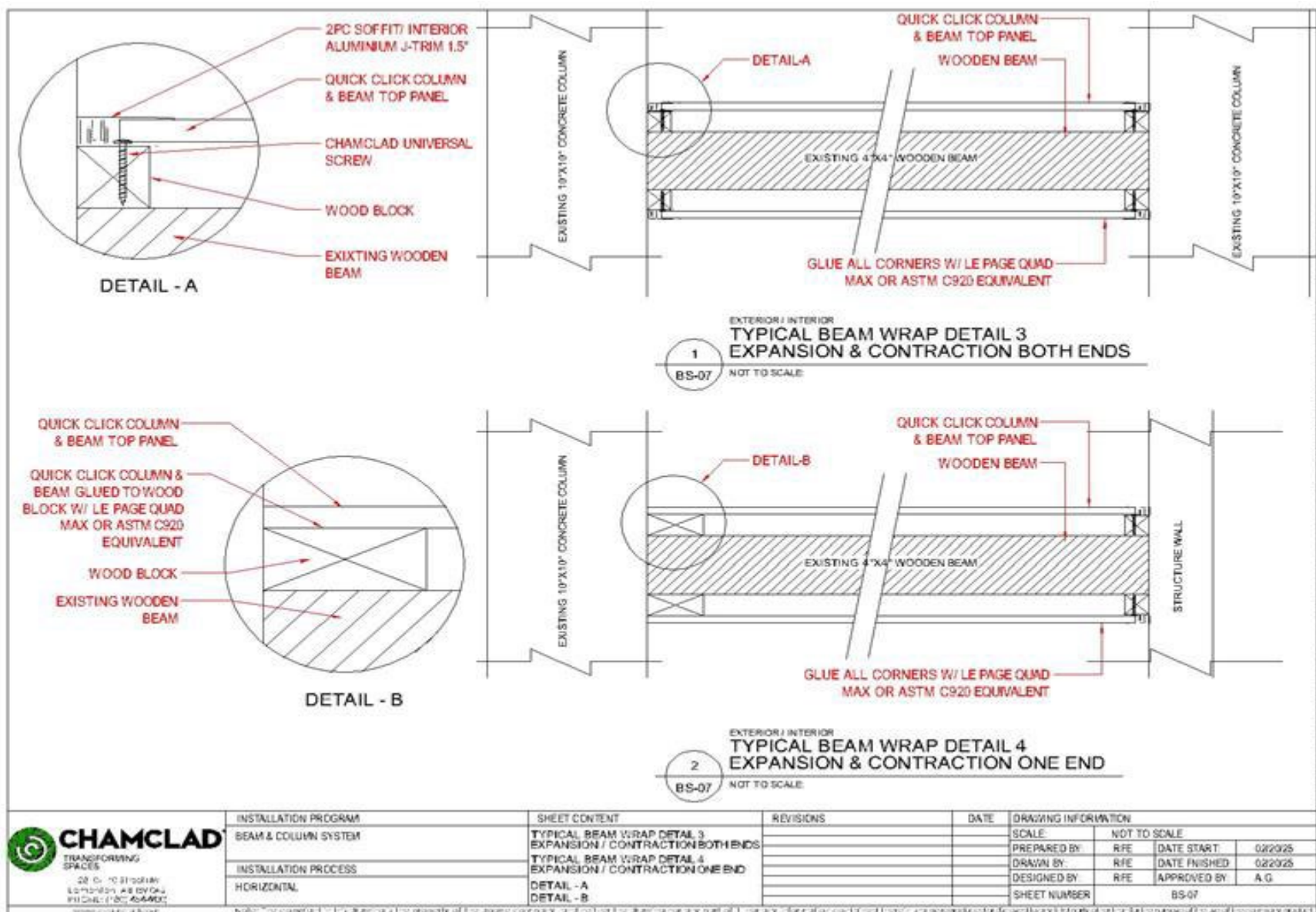


Revised August 22, 2025

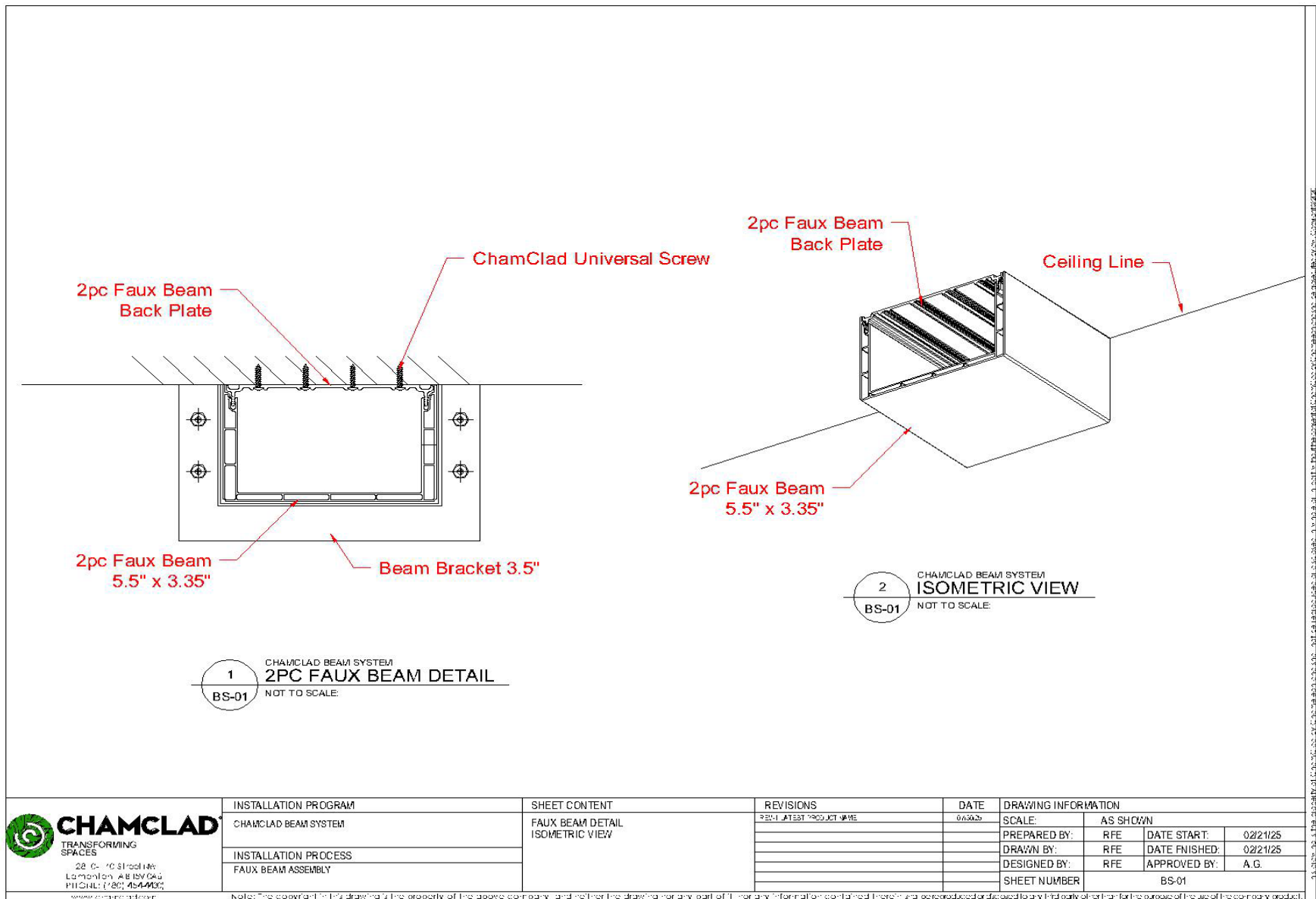
14.26 BS-03 – Typical Beam Wrap Detail 2



14.27 BS-07 - Typical Beam Wrap Detail 3 and 4 – Expansion & Contraction Both Ends



14.28 BS-01 – 2PC Faux Beam Detail



Revised August 22, 2025



PROFILES

2PC COLUMN WRAP 7"

8', 10' & 12' Lengths

4PC QUICK CLICK COLUMNS & BEAMS

8", 10" & 12" Dimensions Represented per associated colour
10', 20' & CUSTOM LENGTHS

2PC FAUX BEAM 5.5" X 3.35"

8', 10', 16' & 20' Lengths

TRIMS & ACCESSORIES

1" X 4" ARCHITECTURAL TRIM (6.5' & 13' LENGTHS)
COLUMN CAP OR BASE TRIM (FOR 7" & 8" COLUMNS)
QUICK CLICK CONNECTOR (10' LENGTH)
3" QUICK CLICK ADAPTER (10', 20' & CUSTOM LENGTHS)
BEAM BRACKET 3.5" & BEAM END CAP

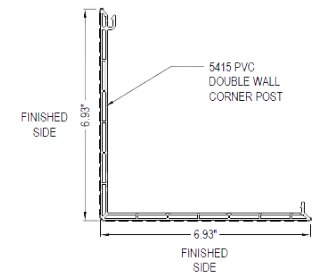
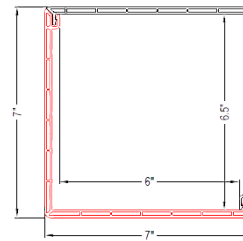
FINISHES

WOODGRAINS, SOLIDS, ANODIZED, METALLICS
& INTERIOR FINISHES
NON STOCK COLOURS AVAILABLE (ADDITIONAL LEAD TIMES)

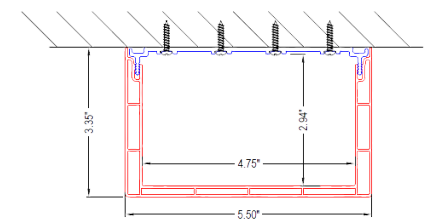
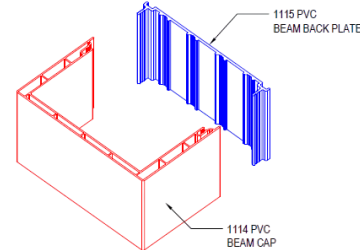
LEAD TIMES

1-2 WEEKS FOR STOCK COLORS + SHIPPING
2-3 WEEKS FOR NON-STOCK COLORS + SHIPPING

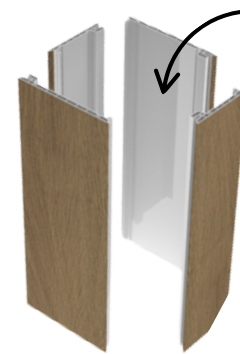
2PC Column Wrap 7"



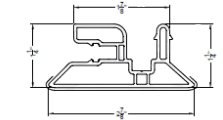
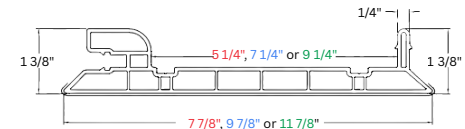
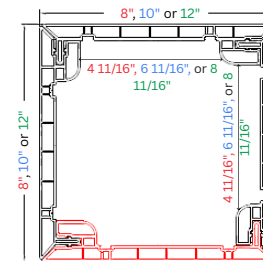
2PC Faux Beam 5.5" x 3.35"



4PC Quick Click Column & Beams



INTEGRATE ANY
COMBINATION OF
SIZE



3" Quick Click Adapter

BIM & CAD DWG Files- Visit our Website for details

TESTS, EVALUATIONS & CERTIFICATES

Fire Rating:

CAN/ULC S 102.2-2018 Standard Method of Test for Surface Burning Characteristics of Flooring, Floor Coverings, and Misc. Material & Assemblies.



UL 723 (ASTM E84)- Fire Rating (Class A)

American Architectural Manufacturers Association (AAMA):

AAMA 303-19 Voluntary Specification for Rigid Polyvinyl Chloride (PVC) Exterior Profiles.

AAMA 307-16 Voluntary Specification for Laminates Intended for Use on AAMA Certified Profiles.

AAMA 664-21 Voluntary Specification for In-Process Quality Control Requirements for Applicators of

Synthetic Interior & Exterior Laminates.

ASTM G154- 16, Standard Practice for Operating Fluorescent Ultraviolet (UV) Lamp Apparatus for Exposure of Nonmetallic Materials. ASTM G155-21, Standard Practice for Operating Xenon Arc Lamp Apparatus for Exposure of Materials.

RILEM TC 127 MS B5- Determination of the damage caused by acid rain.



Verified Product Declarations



Health (HPD)* and



Environmental (EPD)

THE NORTH AMERICAN EPD® SYSTEM

*The HPD for this product has been verified under HPD Open Standard version 2.
by an Approved Verifier under the HPDC Third Party Verification Program.





PROFILES

8", 10" & 12" QUICK CLICK COLUMNS & BEAMS- Dimensions Represented per associated colour

TRIMS & ACCESORIES

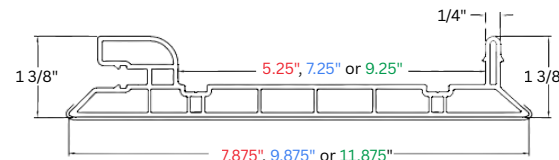
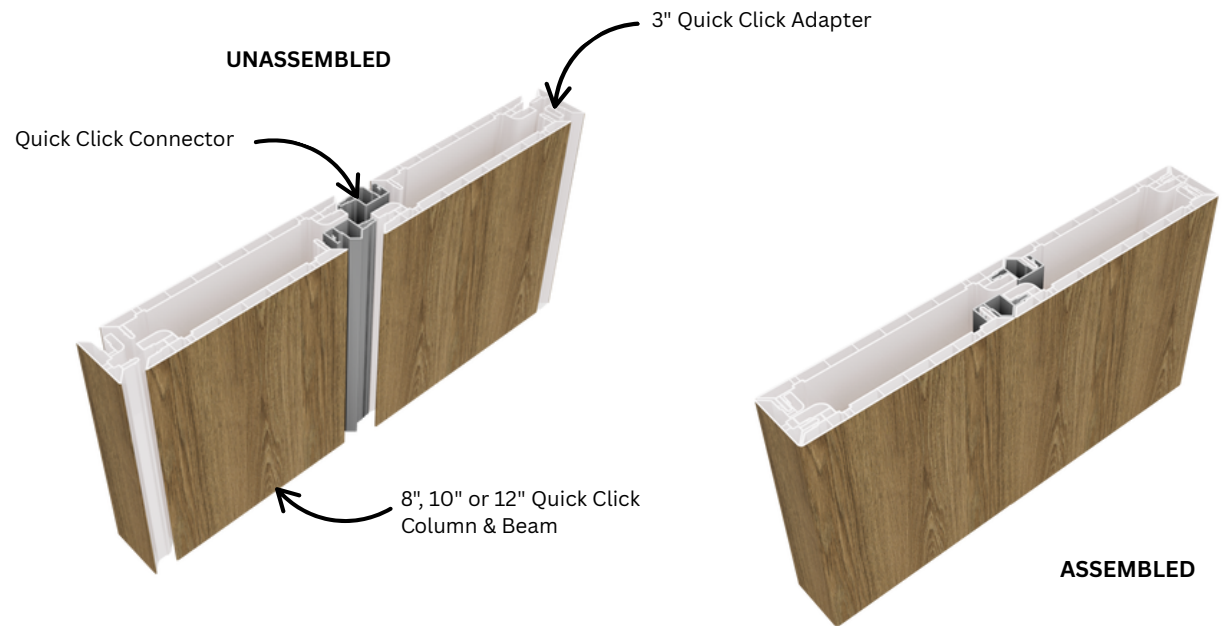
1" X 4" ARCHITECTURAL TRIM (6.5' & 13' LENGTHS)
COLUMN CAP OR BASE TRIM (FOR 7" & 8" COLUMNS)
QUICK CLICK CONNECTOR (10' LENGTH)
3" QUICK CLICK ADAPTER (10', 20' & CUSTOM LENGTHS)

FINISHES

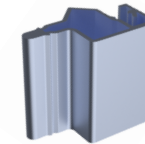
WOODGRAINS, SOLIDS, ANODIZED, METALLICS
& INTERIOR FINISHES
NON STOCK COLOURS AVAILABLE (ADDITIONAL LEAD TIMES)

LEAD TIMES

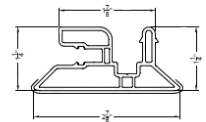
1-2 WEEKS FOR STOCK COLORS + SHIPPING
2-3 WEEKS FOR NON-STOCK COLORS + SHIPPING



Quick Click Column & Beams



Quick Click Connector



3" Quick Click Adapter

BIM & CAD DWG Files- Visit our Website for details

TESTS, EVALUATIONS & CERTIFICATES

Fire Rating:

CAN/ULC S 102.2-2018 Standard Method of Test for Surface Burning Characteristics of Flooring, Floor Coverings, and Misc. Material & Assemblies.



UL 723 (ASTM E84)- Fire Rating (Class A)

American Architectural Manufacturers Association (AAMA):

AAMA 303-19 Voluntary Specification for Rigid Polyvinyl Chloride (PVC) Exterior Profiles.

AAMA 307-16 Voluntary Specification for Laminates Intended for Use on AAMA Certified Profiles.

AAMA 664-21 Voluntary Specification for In-Process Quality Control Requirements for Applicators of

Synthetic Interior & Exterior Laminates.

ASTM G154- 16, Standard Practice for Operating Fluorescent Ultraviolet (UV) Lamp Apparatus for Exposure of Nonmetallic Materials. ASTM G155-21, Standard Practice for Operating Xenon Arc Lamp Apparatus for Exposure of Materials.

RILEM TC 127 MS B5- Determination of the damage caused by acid rain.

Verified Product Declarations



Health (HPD)* and



Environmental (EPD)

*The HPD for this product has been verified under HPD Open Standard version 2. by an Approved Verifier under the HPDC Third Party Verification Program.





FINISHES

CHAMCLAD® EXCLUSIVE FINISHES



SUGAR MAPLE



SANDALWOOD



MANHATTAN NATURAL OAK



ROCKY MOUNTAIN OAK



BLUE RIVER

WOODGRAINS



ATLANTIC WHITE



BEACHWOOD GREY



TOFINO



BARNBOARD GREY



CANADIAN PINE



SUNBLEACHED OAK



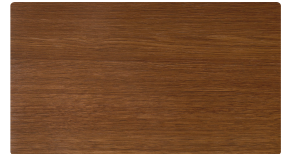
BARREL OAK



CHAI CEDAR



CINNAMON WALNUT



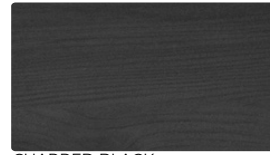
HARVEST WALNUT



TOFFEE



MODERN WALNUT



CHARRED BLACK



SPANISH REDWOOD



NATURAL OAK



MOUNTAIN OAK



HONEY



MONUMENT OAK



CALIFORNIA REDWOOD



TEAK

ULTRA MATTE SOLIDS



CRYSTAL WHITE



PEBBLE BROOK



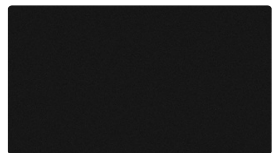
SAND DOLLAR



WARM AUTUMN



GREY ASPHALT



BLACK SAND

ACTUAL COLORS MAY VARY FROM PRINTED REPRESENTATION
CONTACT YOUR LOCAL REPRESENTATIVE FOR AVAILABLE STOCKED COLORS AT THEIR LOCATION.



CHAMCLAD®
TRANSFORMING
SPACES
info@chamclad.com
www.chamclad.com
780.454.4430



FINISHES

ANODIZED, SOLIDS AND METALS



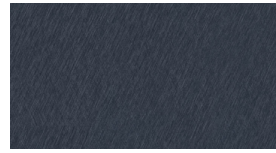
BRUSHED METALLIC



COPPER



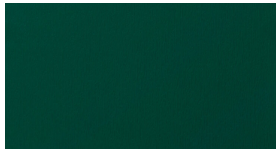
MOSSY OAK



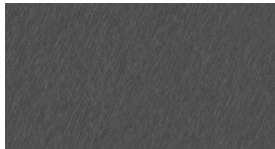
BRUSHED TITANIUM



BRILLIANT BLUE



BRITISH RACING GREEN



BRUSHED CHROME

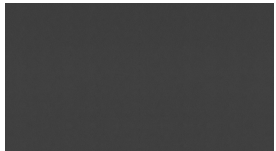


BRUSHED SILVER



MERLOT

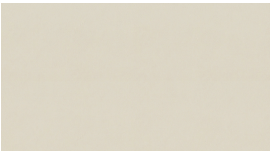
INTERIOR ONLY



BLACK LEATHER



CLASSIC OAK



ITALIAN LEATHER



VEGAS STONE



TIFFANY'S



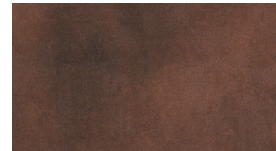
SORRENTO



BLACK PEARL



IVORY STONE



TERRA COTTA

PLEASE NOTE ALL FINISHES MAY BE USED FOR INTERIOR APPLICATIONS, HOWEVER INTERIOR ONLY FINISHES **MAY NOT BE USED ON EXTERIOR APPLICATIONS.**

ACTUAL COLORS MAY VARY FROM PRINTED REPRESENTATION
CONTACT YOUR LOCAL REPRESENTATIVE FOR AVAILABLE STOCKED COLORS AT THEIR LOCATION.

50 YEAR WARRANTY (15 YEARS NON PRORATED) ON ALL OUR FINISHES

Film Performance:

AAMA 303-19 Voluntary Specification for Rigid Polyvinyl Chloride (PVC) Exterior Profiles.
AAMA 307-16 Voluntary Specification for Laminates Intended for Use on AAMA Certified Profiles.

AAMA 664-21 Voluntary Specification for In-Process Quality Control Requirements for Applicators of Synthetic Interior & Exterior Laminates.



CHAMCLAD®
TRANSFORMING
SPACES
info@chamclad.com
www.chamclad.com
780.454.4430



SCAN HERE FOR ADDITIONAL
FINISH INFORMATION & OPTIONS



WARRANTY INFORMATION

Exterior and Interior Products



CHAMCLAD®
TRANSFORMING
SPACES

info@chamclad.com
www.chamclad.com
(780) 456 -4430

August 2025



WARRANTY CERTIFICATE

50 YEAR LIMITED WARRANTY - 15 YEARS NON PRORATED

PRODUCT INFORMATION:

This form must be filled in, signed by the Original Owner and returned to ChamClad® within 60 days of product installation.

PRODUCT DESCRIPTION(S):

WARRANTY NUMBER:

PO NUMBER:

COLOR/FINISH(ES):

DATE ISSUED:

INSTALLER INFORMATION:

CONTRACTOR NAME:

PROJECT NAME (IF APPLICABLE):

PROJECT ADDRESS:

DATE OF SUBSTANTIAL COMPLETION:

OWNER'S INFORMATION:

NAME:

COMPANY (IF APPLICABLE):

ADDRESS:

PHONE:

EMAIL:

BY SIGNING BELOW, THE OWNER CONFIRMS THE INFORMATION PROVIDED ABOVE IS ACCURATE, HAS READ AND FOLLOWED THE INSTALLATION MANUAL INSTRUCTIONS, AND HAS READ AND AGREES TO THE TERMS OF THE CHAMCLAD® PRODUCT LIMITED 50 YEAR WARRANTY

OWNER SIGNATURE:

DATE:

AUTHORIZED ON BEHALF OF CHAMCLAD®:

NAME AND DESIGNATION:

DATE AUTHORIZED:

SIGNATURE:



WARRANTY TRANSFER APPLICATION

This form must be filled in, signed by the Original Owner and the New Owner, and mailed to ChamClad® within the 60 days of the date of transfer of title.

WARRANTY NUMBER:

ISSUE DATE:

ORIGINAL OWNER:

NEW OWNER'S INFORMATION:

NAME:

NAME:

ADDRESS OF INSTALLATION:

ADDRESS:

PHONE:

EMAIL:

SIGNATURE OF ORIGINAL OWNER:

DATE:

BY SIGNING BELOW, THE NEW OWNER CONFIRMS THE INFORMATION PROVIDED ABOVE IS ACCURATE, AND HAS READ AND AGREES TO THE TERMS OF THE WARRANTY AND ACKNOWLEDGES THAT THE TRANSFER IS FOR THE UNEXPIRED PORTION OF THE WARRANTY ONLY.

SIGNATURE OF NEW OWNER:

DATE:

WARRANTY CONDITIONS

Warranty: ChamClad® is pleased to offer a 50-Year Limited Warranty (15 years non prorated) on its ChamClad® line of Rigid PVC siding, cladding and accessories (the “product”), on the terms and conditions set out herein (the “Warranty”).

Coverage: ChamClad® warrants the product will be free from initial manufacturing defects in material or workmanship (“initial defects”) for a period of 50 years (15 years non-prorated) from the date of purchase. Provided the product has been stored and installed according to ChamClad® installation instructions, the product is warranted for a period of 50 years (15 years non prorated) (as prorated as set out below) against warping, blistering, and peeling (“technical failure”), subject to the limitations contained herein.

The product, like all materials, will experience some degree of discolouration due to age, sun exposure, and other environmental conditions. Provided the product has been stored and installed according to ChamClad® installation instructions, ChamClad® further warrants the product against unreasonable discolouration for a period of 50 years (15 years non prorated) from the date of purchase (subject to the limitations contained herein). In the event a claim is brought under the Warranty for unreasonable discolouration, ChamClad®, in its sole discretion, will determine whether the degree of discolouration or fading is unreasonable or excessive, having regard to the factors set out below.

Transferability: The Warranty extends to the original purchaser(s) of the product. The Warranty shall terminate upon the sale of the property or the death of the original purchaser(s)/homeowner(s), *unless* the Warranty is transferred to a new owner by applying to ChamClad® in writing (as more particularly set out herein) within 60 days following the sale. Failure to transfer the Warranty to a new owner in strict compliance herewith shall result in the balance of the Warranty period being forfeited.

The right to transfer the Warranty is limited to a second homeowners only and under no circumstances shall any transfer be deemed to extend or renew the warranty period, which in all cases shall be a maximum of 50 years (15 years non pro-rated) In the case of corporations, governmental agencies, trusts, religious organizations, schools, condominiums, or cooperative housing, the Warranty is non-transferable, except by a builder to the home purchaser in the event of a new home build.

ChamClad®’s Responsibility Under this Warranty: In the event of initial defects, technical failure or unreasonable discolouration covered by the Warranty, ChamClad® will, at its sole discretion, repair, restore or replace the product in accordance with the claim provisions set out below. ChamClad®’s responsibility is limited to the product only. Coverage for installation and labour costs will not be covered by ChamClad® at ChamClad®’s sole discretion, and unless otherwise agreed by ChamClad® in writing, all labour and installation costs are the sole responsibility of the homeowner. The warranty on the repair or replacement product will be limited to the unexpired term of the Warranty for the product which was repaired or replaced

Should any of the products be determined by ChamClad® to have any manufacturing defects or suffer technical failure, ChamClad®, in its sole discretion, shall determine whether to replace, restore, or repair and return said product to the homeowner via the authorized ChamClad® retailer/distributor.

To start a claim, please refer to the [Warranty and Claim Support](#) section on page 5 of this document.
If there are any questions, please contact ChamClad® at 1 (780) 454-4430 or at info@chamclad.com.

The product is not warranted for suitability of use in all situations. It is the sole responsibility of the purchaser to determine the suitability, effectiveness, and safety of any particular use or application of the product. As building code regulations and conditions vary from area to area, each purchaser should consult local building and safety codes for specific requirements, and qualified exterior contractors to determine the suitability.

EXCLUSIONS AND LIMITATIONS

ChamClad®'s obligations and liability under the Warranty are expressly conditional upon and subject to the following:

- The installation, storage, and proper handling of the product must have been completed in accordance with ChamClad® installation instructions (please refer to www.chamclad.com for storage, installation and care instructions). Nothing in this Warranty will construe a warranty of workmanship of any installer nor impose any liability of unsatisfactory performance caused by faulty installation, including, but not limited to failing to ensure proper spacing for expansion and contraction. When storing the product prior to installation, it is important that it is not left uninstalled in direct sunlight. Leaving uninstalled product in direct sunlight will void the Warranty.
- The Warranty must have been registered as required herein, and any transferee must have completed and submitted the proper transfer documentation to ChamClad®. The claimant must provide ChamClad® with all information which it reasonably requires to evaluate the Warranty claim.
- This Warranty does not cover destruction of or damage to the product, or to the product's failure to adhere to any surface, where caused or contributed to by improper installation, improper cleaning (including the use of unapproved cleaning products or any abrasive materials), misuse, neglect, impact from foreign objects, ice, fire, wind (including tornados or other extreme wind events), earthquake, flooding (overland or otherwise), lightning or acts of God.
- This Warranty does not cover abnormal surface weathering or distortion which may be caused or contributed to by air pollution, fumes, vandalism, misuse, harmful chemicals, or close proximity to heat sources such as fireplaces, barbecues, heaters and open flames. This Warranty does not cover damage to the product's finish resulting from foreign substances such as grease, oil, sand, and dirt.
- This Warranty does not cover damage to the product caused or contributed to by the reflection, refraction, or intensification of sunlight from nearby highly reflective surfaces. Care must be taken when determining whether the product is suitable for its proposed application by determining whether there are any reflections, refraction or intensification of sunlight which may arise from windows, doors, or other highly reflective surfaces, including those on adjacent properties.
- This Warranty does not cover discolouration (whether unreasonable or otherwise) or other damage caused or contributed to by air pollution, harmful chemicals and harsh weather conditions. Normal weathering is to be expected as a result of exposure to ultraviolet radiation, atmosphere and weather that may cause staining, fading or other issues which may vary due to the geographic location of a property, sunlight, air quality, or other factors.
- Coverage under this Warranty for discolouration will be limited to abnormal or unreasonable discolouration, judged against the weathering performance provided by ChamClad®'s laminate supplier. The standard for unreasonable discolouration in ordinary conditions shall be a colour difference $\geq$ grey scale 2/3 (ISO 105-A02) for exposure in the US and Canada, and otherwise shall be at the sole discretion of ChamClad®. ChamClad® may require independent lab testing to evaluate a claim for unreasonable discoloration.
- In the event the product has been painted or sealed using a varnish or otherwise coated over the original factory finish, this Warranty will be void.
- The Warranty will be void if the product is not cleaned in accordance with the approved cleaning methods, as more particularly set out below and at www.chamclad.com.
- ChamClad® products are not warranted against movement distortion caused by structural movement or ground settlement. Use of ChamClad® products beyond normal commercial and residential use in an application not recommended by ChamClad® or the local building codes will not be covered.

EXCLUSIONS AND LIMITATIONS

- ChamClad®'s sole and exclusive liability under this Warranty is limited to the repair, restoration or replacement of the product. ChamClad® shall not be liable for any other losses, damages, or expenses, whether direct or indirect, incidental, consequential, punitive, exemplary, or otherwise whatsoever, including without limitation, costs of removal or reinstallation of the product, labour, freight, taxes, loss of goodwill, lost profits and loss of use. ChamClad®'s total liability whether arising from or based on contract, warranty, negligence, tort, strict liability, or any other cause or basis whatsoever, is strictly limited to the purchase price of the products involved. ChamClad® will not be responsible for any loss of any kind arising from a breach of this Warranty, for the sale of the product or from negligence or omissions on the part of ChamClad®, its agents or employees. The warranty on any repaired or replacement products will be limited to the unexpired term of the warranty on the original product.
- If a claim is made for a product that is no longer available, ChamClad® reserves the right to supply a siding product that, in its sole discretion, is of equal quality and colour range for the purpose of fulfilling ChamClad®'s obligations under this Warranty.
- Any person to whom product is supplied under the terms of the Warranty shall only be entitled to benefits of the unexpired term of the Warranty applicable to the product originally installed.
- The Warranty coverage against technical failure is prorated as per the below pro-ration schedule (starts from the original date of purchase of the product):
 - ⦿ First 15 years (0 - 15 years) -100% of the cost of materials will be covered
 - ⦿ Next 5 years (16- 20 years) - 75% of the cost of materials will be covered
 - ⦿ Next 10 years (21 - 30 years) - 50% of the cost of materials will be covered
 - ⦿ Next 10 years (31 - 40 years) - 25% of the cost of materials will be covered
 - ⦿ Next 10 years (41 - 50 years) - 10% of the cost of materials will be covered
- If any of the exclusions, disclaimers or limitations are prohibited by law, such provisions may be severed from the Warranty without otherwise affecting the validity of the balance of the provisions.
- This warranty is exclusive and in lieu of any and all other warranties, express, implied, and statutory.

WARRANTY CLAIMS AND SUPPORT

To make a claim under the Warranty, the original owner or registered transferee must notify ChamClad® within thirty (30) days of discovering the defect.

Such notice must be emailed to info@chamclad.com.

The claim must include:

- A description of the defect(s), including photos
- Date of discovery
- Signed warranty certificate issued by ChamClad®

With reasonable notice, the owner shall allow our agents and/or distributor to enter the property and building to view the product only when deemed necessary and solely by ChamClad®.

When asked, the owner or transferee will be responsible to provide all documentation and defective samples at the owner's expense.

CARE AND MAINTENANCE OF CHAMCLAD PRODUCTS

ChamClad® products are designed to be low maintenance, and our laminate films have exceptional properties that ensure ease of cleaning and surface longevity. They are highly ultra-violet, scratch, and salt air resistant. The film's low surface tension makes it inherently dirt-repellent and therefore easy to clean. ChamClad® finishes include anti-graffiti properties and, in most cases can be easily removed using a garden hose and mild kitchen detergent and warm water.

To preserve the lifespan of your ChamClad® product and maintain its warranty, regular cleaning and inspection are essential.

- **Minimum Cleaning Frequency:** In normal or urban environments, we recommend cleaning your ChamClad® product every 12-18 months.
- **High-Exposure Areas:** In areas subject to high pollutants, such as industrial or coastal environments, we recommend cleaning your ChamClad® product every 8-12 months.
- **Regular Inspections:** Inspect the product frequently and promptly remove any debris or contaminants such as bird droppings. Prolonged contact with such materials may lead to staining, uneven wear, or surface damage.

Refer to the recommended maintenance guidelines below to ensure optimal care of your ChamClad® product.

General Cleaning:

- You may clean the surface with a soft cloth, sponge or soft bristle brush and a neutral detergent. It is recommended to use ChamClad® Product Cleaner (supplied by ChamClad®) and/or a soap, or liquid cleaner (in non-concentrated form) such as Simple Green. Follow with a thorough rinsing of fresh water to ensure all cleaner has been removed.
- If marking has occurred from board-to-board friction, you may clean it with a soft cloth soaked in water and soap. Allow the cloth to sit on the area for 60 seconds. Panels should be rinsed thoroughly with clean water.
- To avoid streaking start at the top of the wall – working your way to the bottom.
- You may pressure wash ChamClad® panels with a low PSI pressure washer. DO NOT exceed 1500 PSI.

DO NOT:

- Do not use solvents when cleaning panels. Solvents may damage the protective layers in the film.
- Do not wash panels with a pressure washer at close range.
- Do not use abrasive, erosive, or caustic solvents to clean ChamClad® panels as they can dull and/or damage the panel finish and will void the warranty.

Should you experience removal difficulties, please contact us via email at info@chamclad.com