



# Architectural Details:

Cladishield (Rainscreen) System  
Interlocking Channel - eFacade PRO+

## ⚡ eFacade PRO+ & Cladishield Rainscreen System

With CladiShield Rainscreen system, you don't just get cladding panels—you get a complete wall solution. Provided by Mitrex's sister company, Cladify, the system is a comprehensive package that includes a high-performing air and moisture barrier, continuous insulation, adjustable sub-framing systems, and, of course, our exceptional multi-facing cladding.

### 01 Rainscreen system

- An air pressure equalized cavity wall system
- Air and water tight & allows ventilation
- Continuous insulation & air vapour barrier

### 02 Improved installation

- Precise installation & irregular design capabilities
- Faster installation with pre-assembled units

### 03 Versatile assembly

- Stick built or pre-assembled capabilities
- Floor to floor panels

### 04 High-performing envelope

- Unlimited R-value
- Thermal & acoustic insulation

### 05 Code compliant

- 3rd party tested and code compliant system
- Fire testing including NFPA 285, S134, EN 13501, and more



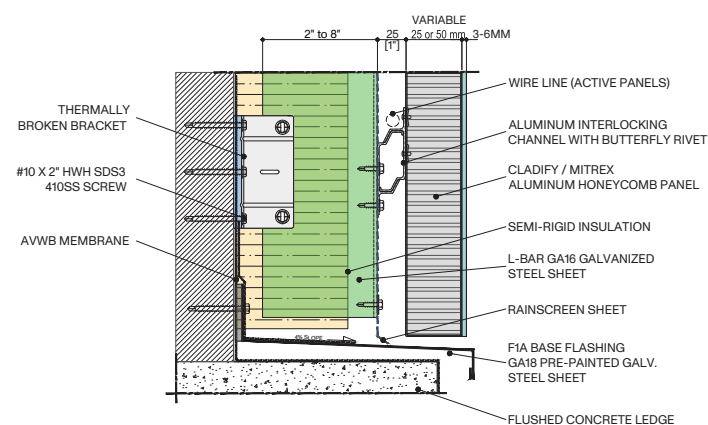
## Mitrex eFacade Products Comparison

Mitrex offers three distinct solar cladding solutions—eFacade LITE, eFacade PRO, and eFacade PRO+—each engineered to meet varying project needs in terms of design flexibility, performance, and scale.

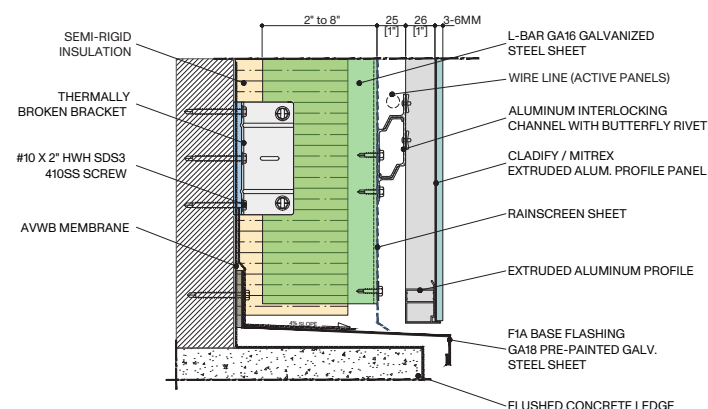
The table below provides a detailed comparison across key features such as colors and finishes, sizing options, weight, system compatibility, and testing standards. Whether you're prioritizing affordability, customization, or advanced performance, this side-by-side overview will help you identify the best fit for your project.

|                   | <div><div></div>eFacade LITE</div>                                          | <div><div></div>eFacade PRO</div>                                       | <div><div></div>eFacade PRO+</div>                                                                                                                     |
|-------------------|-----------------------------------------------------------------------------|-------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| Colors & Patterns | 5 color options                                                             | 48 color options                                                        | Unlimited customizable colors & patterns                                                                                                               |
|                   | Finish: Satin glass<br>Thickness: 0.24in (6mm)                              | Finish: Satin glass<br>Thickness: 0.24in (6mm)                          | Finish: Super satin, satin, matte, glossy, wood grain, aqualite, and more.<br>Thickness: 0.12-0.47in (3.2-12mm)                                        |
| Sizes & Weight    | 2 size options:<br>73 × 36 in (1854 × 922 mm)<br>73 × 18 in (1854 × 456 mm) | Custom sizes up to 80 × 39 in (2034 × 994mm).                           | Customizable single piece sizes up to 125 × 80 in (3175 × 2032mm).<br>Preassembled pieces up to 420 inches (10.7m) long.                               |
|                   | Weight: 3.87 lb/SQFT (18.9 kg/sqm)                                          | Weight: 3.84 lb/SQFT (18.8 kg/sqm)                                      | Weight: 3.1 - 4.7 lb/SQFT (15.4-23.1 kg/sqm)                                                                                                           |
|                   | Backing: Extruded aluminum profile with panel thickness of 1.3in (34mm)     | Backing: Extruded aluminum profile with panel thickness of 1.3in (34mm) | Backing: Extruded aluminum profile with panel thickness of 1.3in (34mm).<br>Aluminum honeycomb with 1 or 2 in (25 or 50mm) thickness excluding facing. |
|                   | Shapes: rectangle                                                           | Shapes: rectangle                                                       | Customizable Shapes: rectangle, triangle, circle, and more                                                                                             |
|                   | Ventilated rainscreen system, eFacade LITE system                           | Ventilated rainscreen system (interlocking channel or anchor plate)     | Customizable rainscreen, unitized or prefabricated system options                                                                                      |
| Systems           | System Thickness: 3.78 in (96mm)                                            | System Thickness: 1.5 in (39mm) - 2.32 (59mm)                           | System Thickness: 1.42 in (36mm) - 4.33in (110mm)                                                                                                      |
|                   | MOQ of 5,000 SQFT (464.5 sqm)                                               | MOQ of 5,000 SQFT (464.5 sqm)                                           | MOQ of 25,000 SQFT (2,322.5 sqm)                                                                                                                       |
| Testing           | 3rd party tested                                                            | 3rd party tested                                                        | 3rd party tested                                                                                                                                       |
|                   | Code-compliant & safety tested                                              | Code-compliant & safety tested                                          | Code-compliant & safety tested                                                                                                                         |
|                   | Fire tested                                                                 | Fire tested                                                             | Fire tested                                                                                                                                            |

PANEL BASE DETAIL



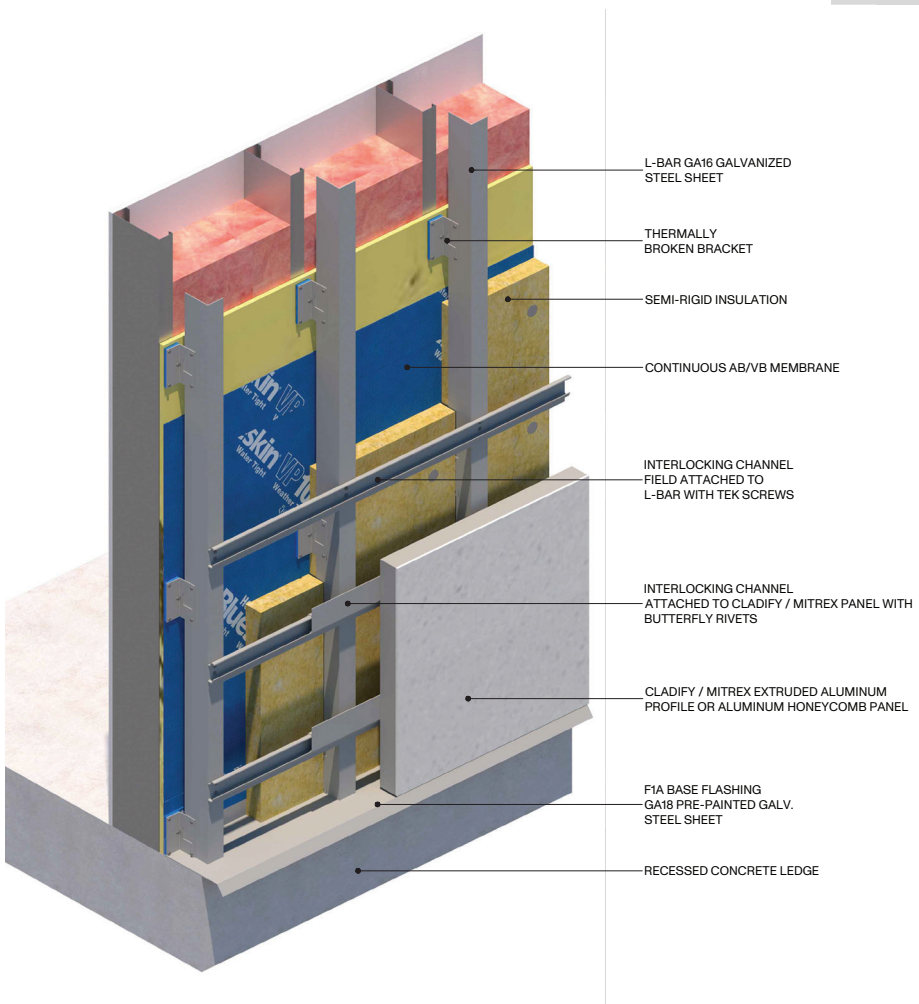
ALUMINUM HONEYCOMB PANEL



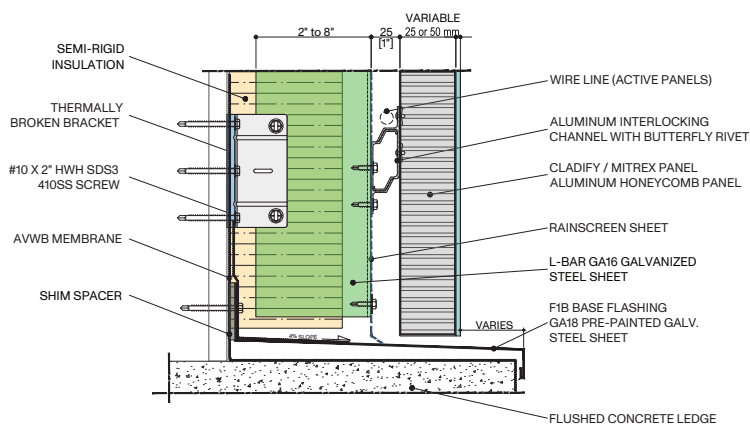
EXTRUDED ALUM. PROFILE PANEL

EXPOSED PANEL

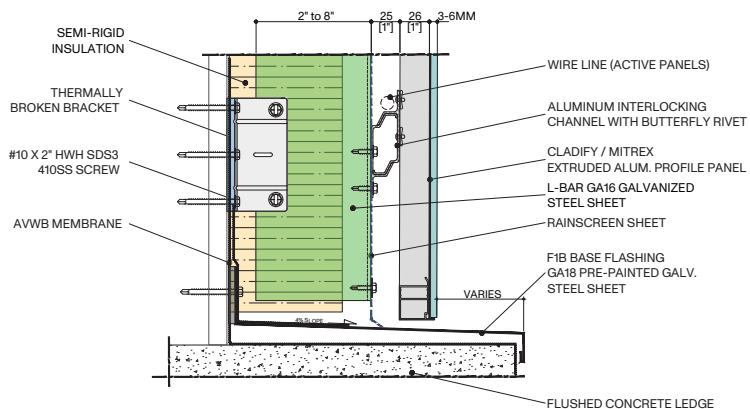
A-1



PANEL BASE DETAIL



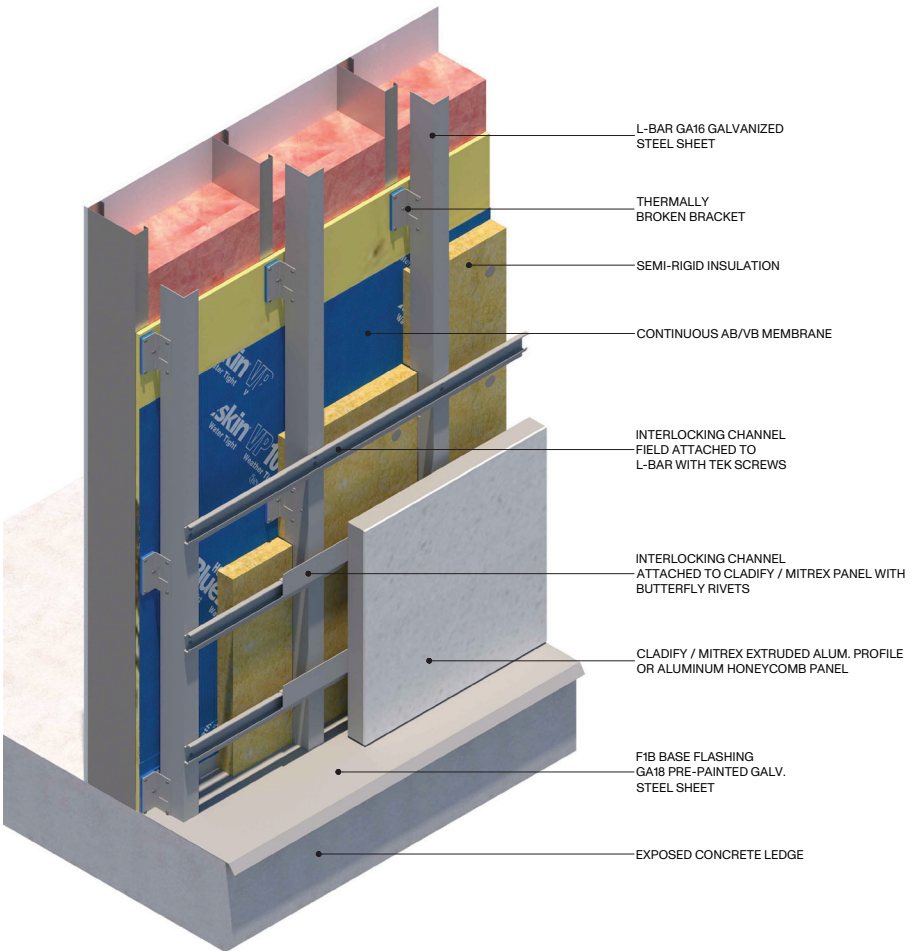
ALUMINUM HONEYCOMB PANEL



EXTRUDED ALUM. PROFILE PANEL

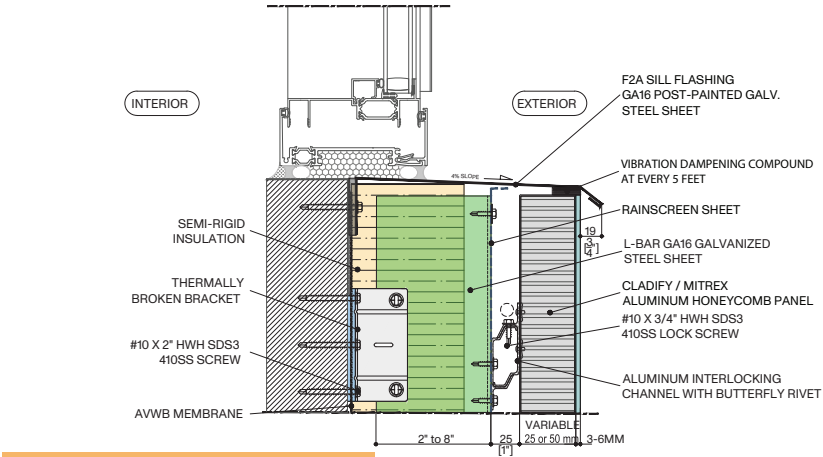
RECESSED PANEL

A-2

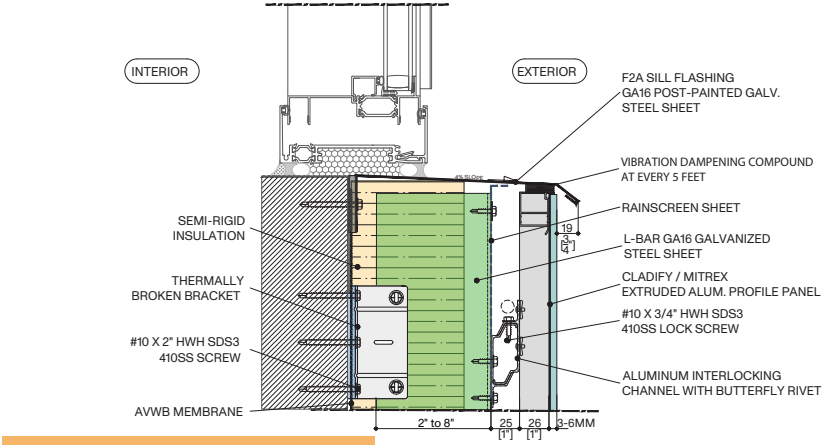


WINDOW SILL DETAIL

B-1

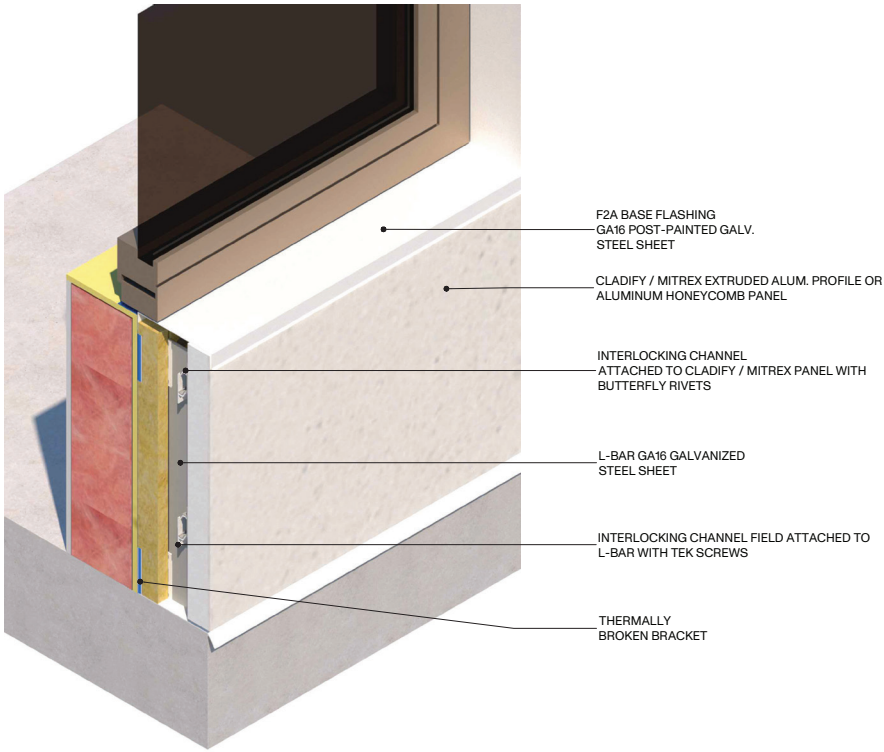


ALUMINUM HONEYCOMB PANEL

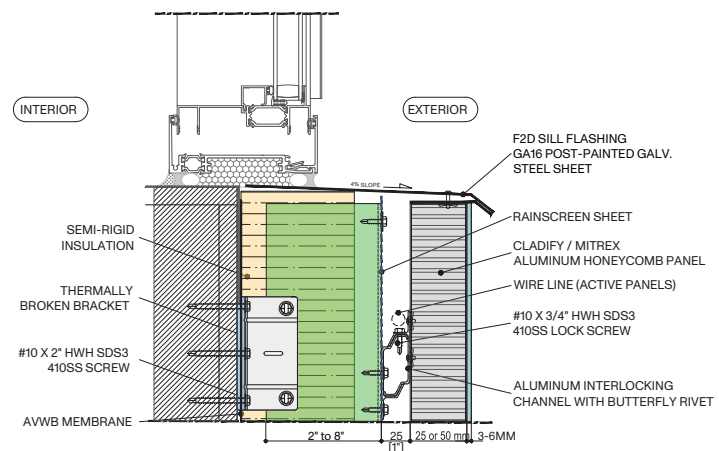


EXTRUDED ALUM. PROFILE PANEL

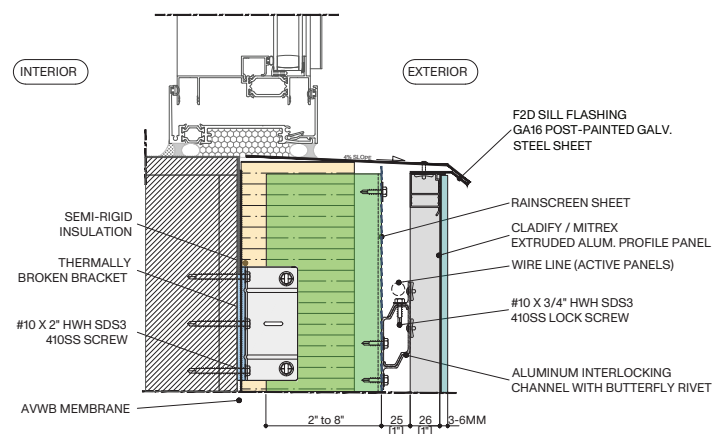
METAL FLASHING



WINDOW SILL DETAIL

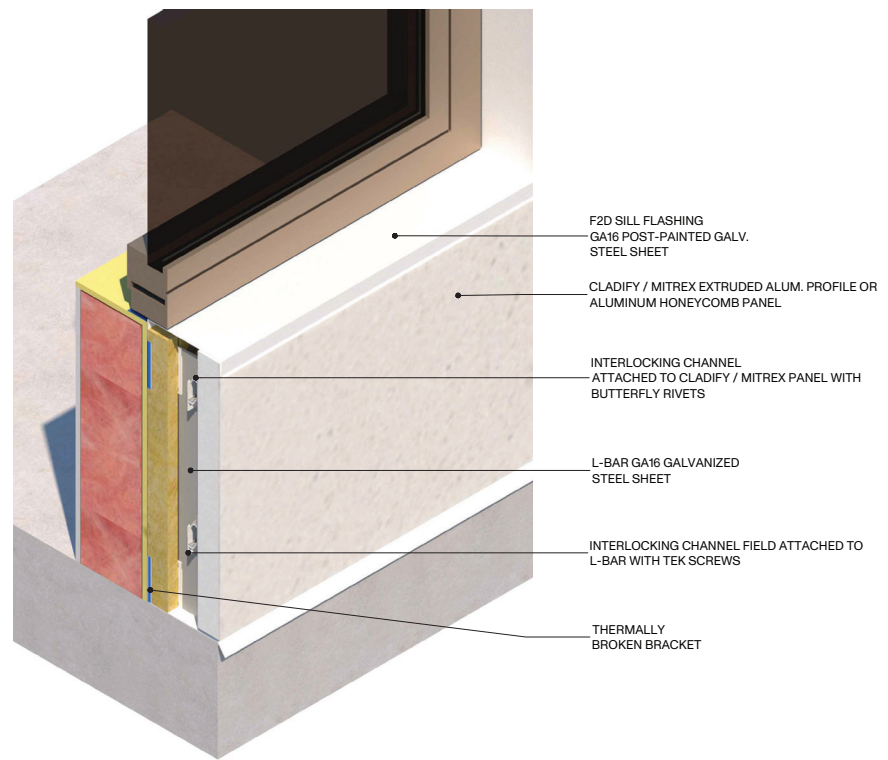


ALUMINUM HONEYCOMB PANEL



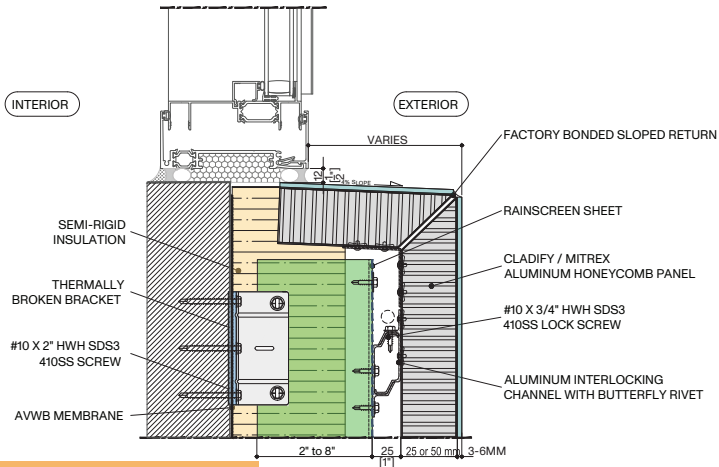
EXTRUDED ALUM. PROFILE PANEL

METAL FLASHING

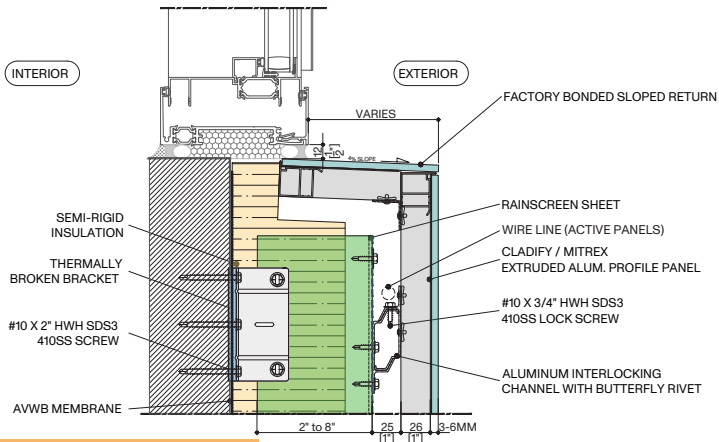


WINDOW SILL DETAIL

B-3

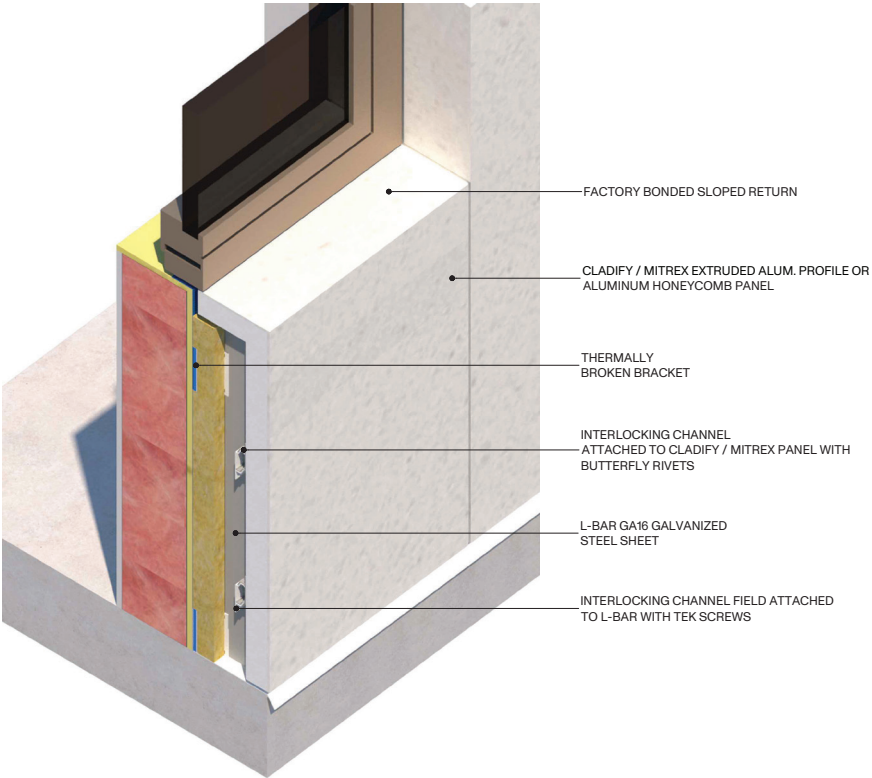


ALUMINUM HONEYCOMB PANEL



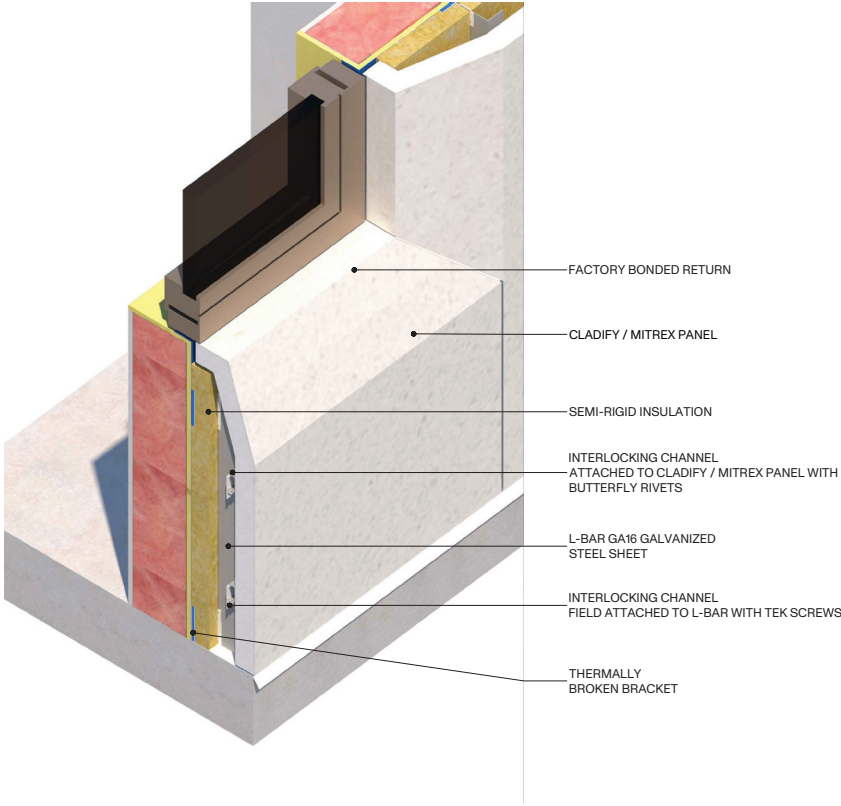
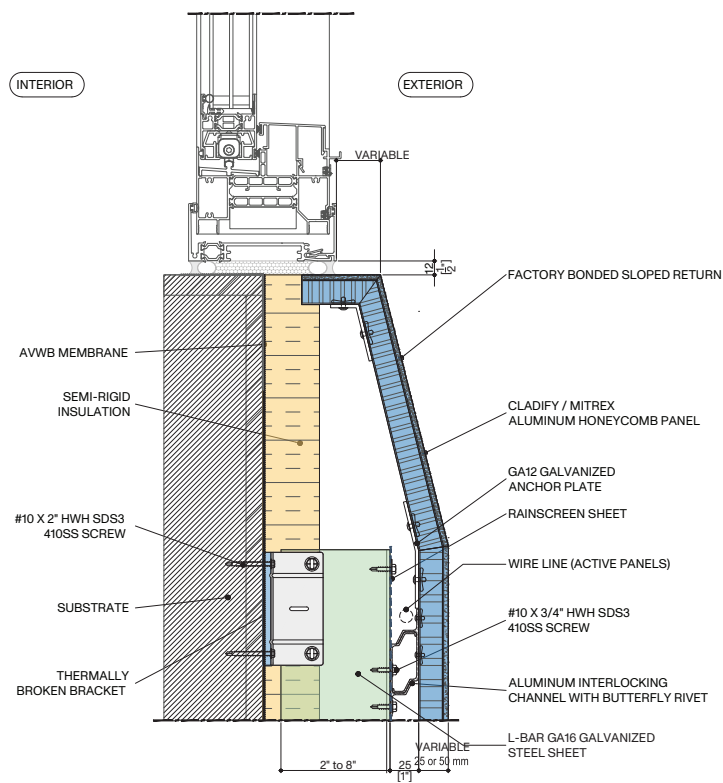
EXTRUDED ALUM. PROFILE PANEL

PRE-ASSEMBLED RETURN PANEL



WINDOW SILL DETAIL

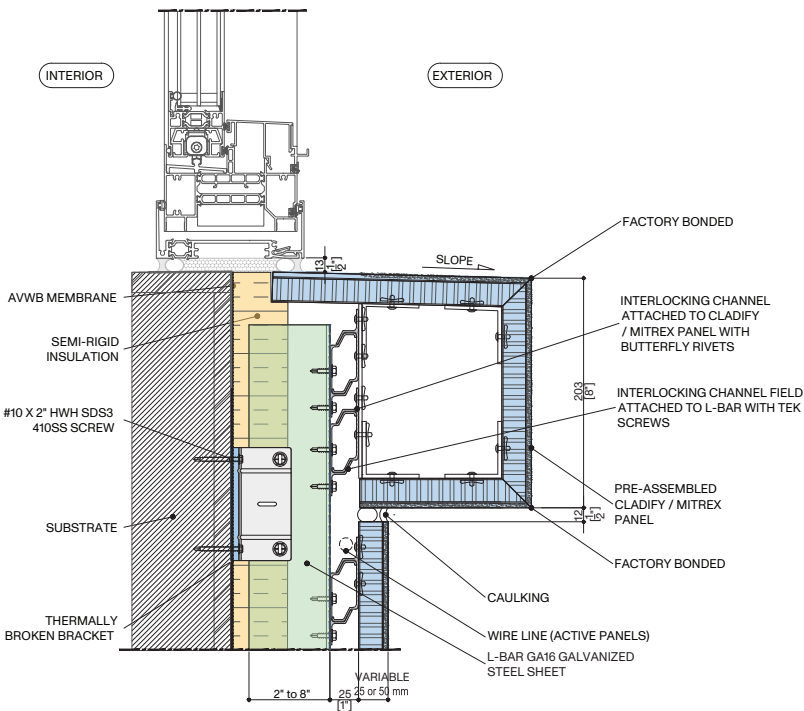
B-4



ALUMINUM HONEYCOMB PANEL

PRE-ASSEMBLED CHAMFERED FRAME (CUSTOM)

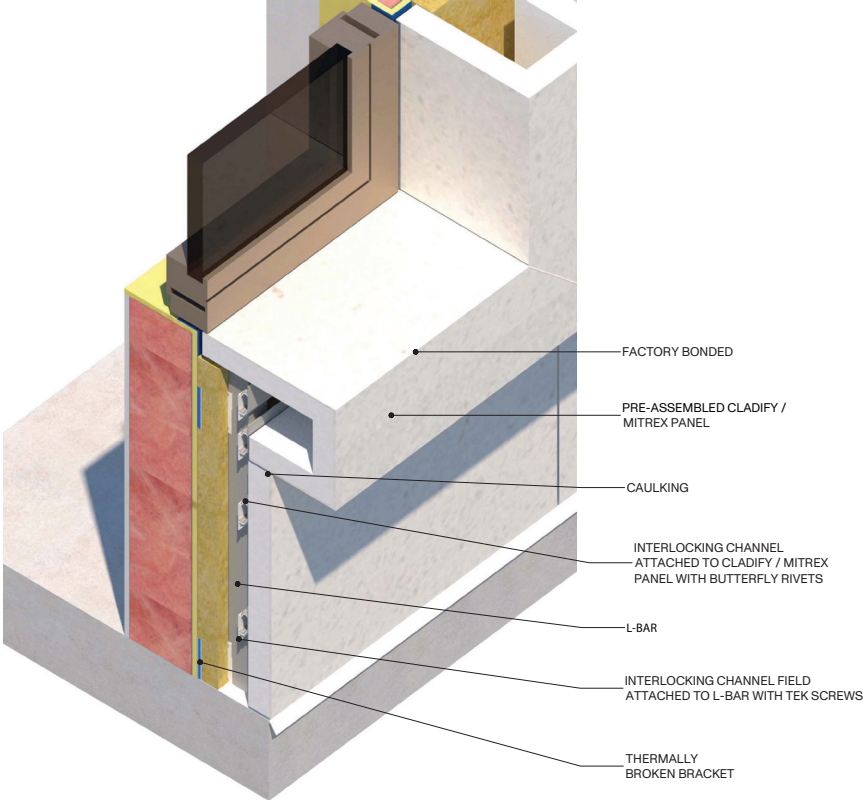
WINDOW SILL DETAIL



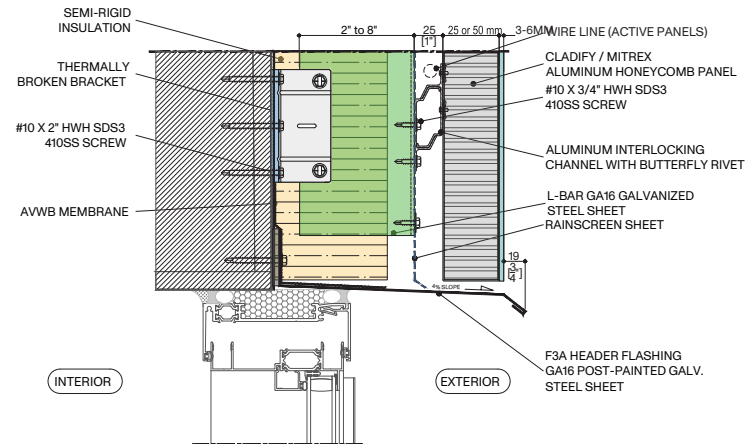
ALUMINUM HONEYCOMB PANEL

PRE-ASSEMBLED BOX FRAME (CUSTOM)

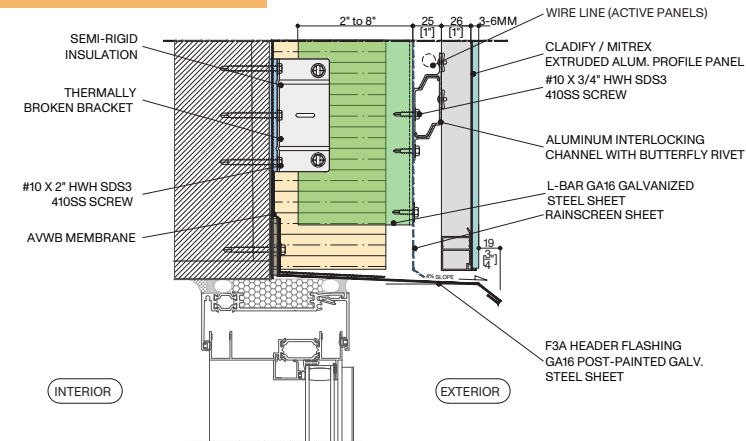
B-5



WINDOW HEADER DETAIL



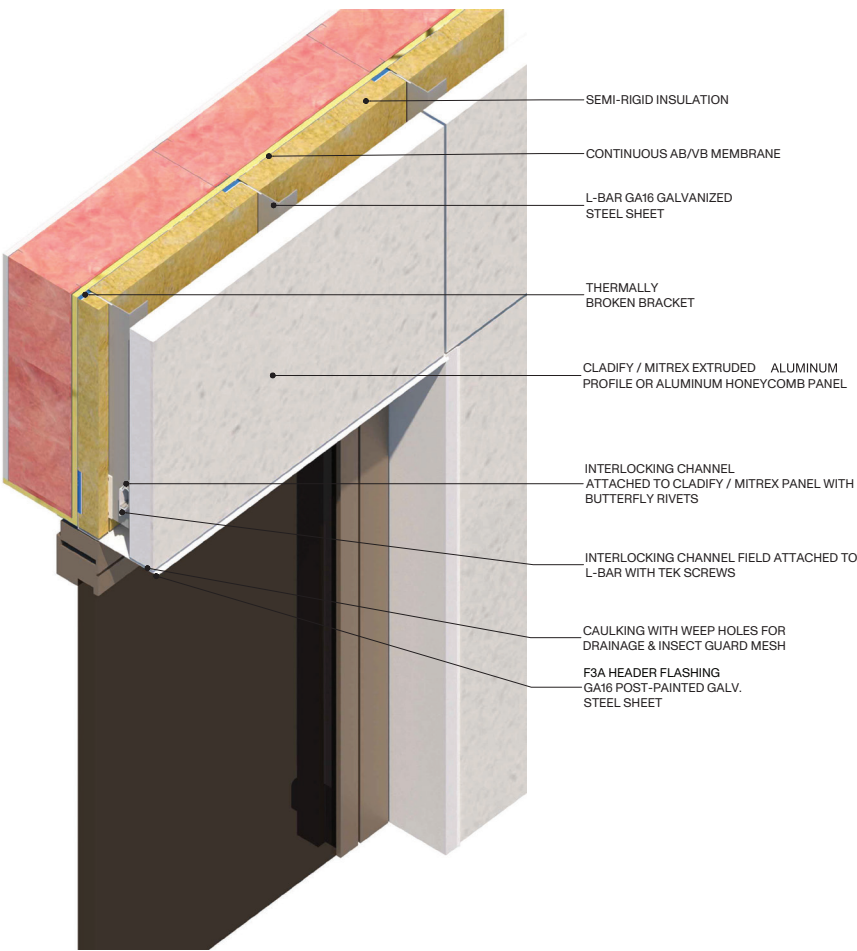
ALUMINUM HONEYCOMB PANEL



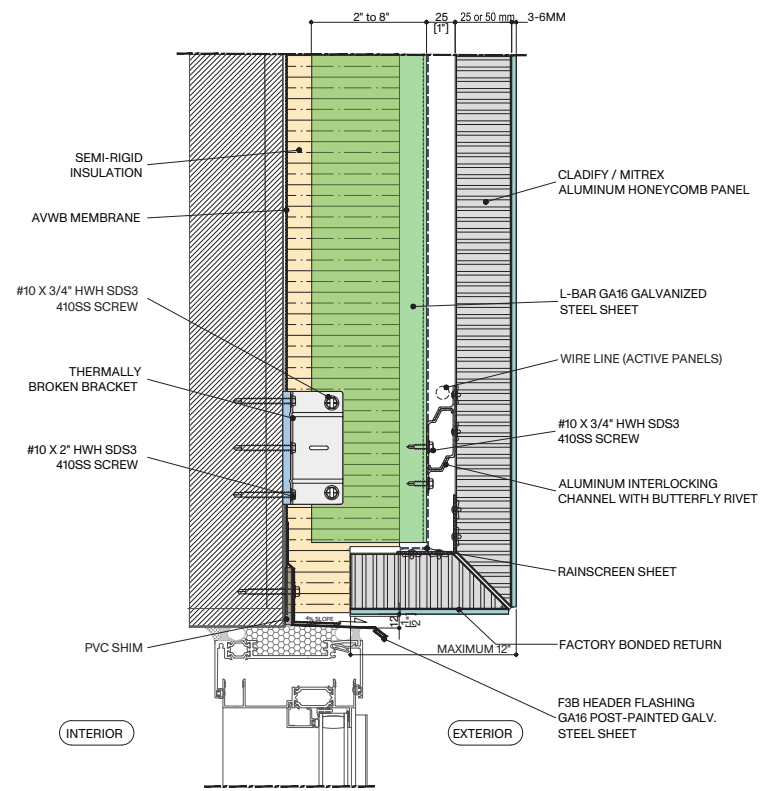
EXTRUDED ALUM. PROFILE PANEL

METAL FLASHING

C-1



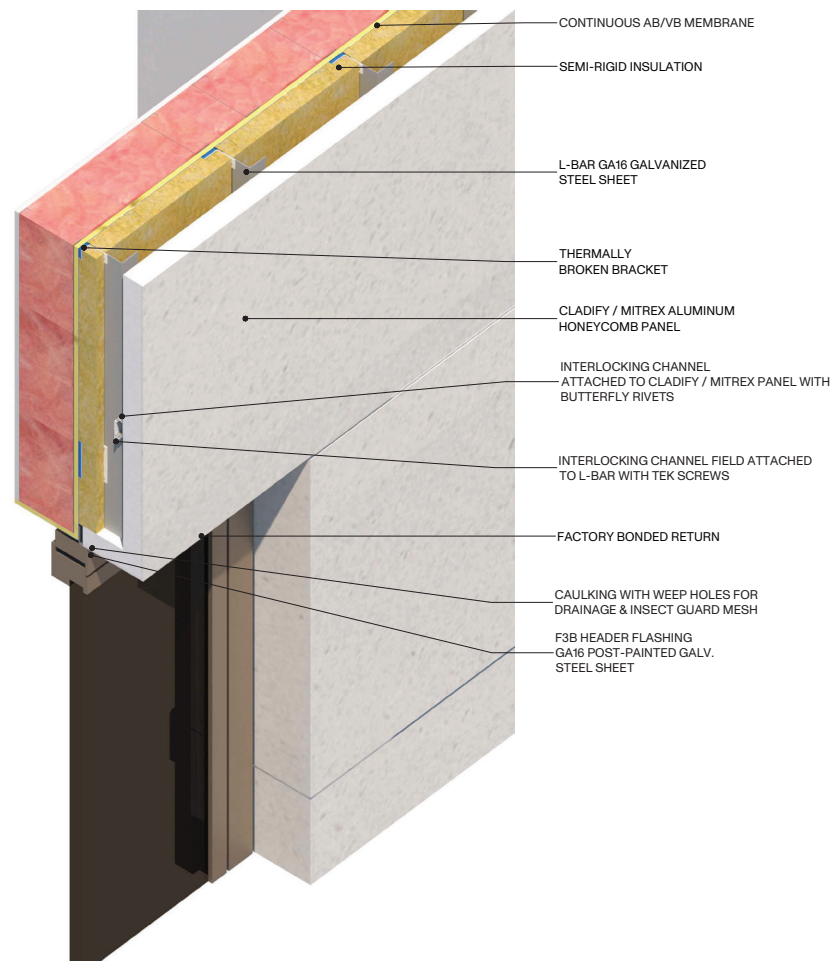
WINDOW HEADER DETAIL



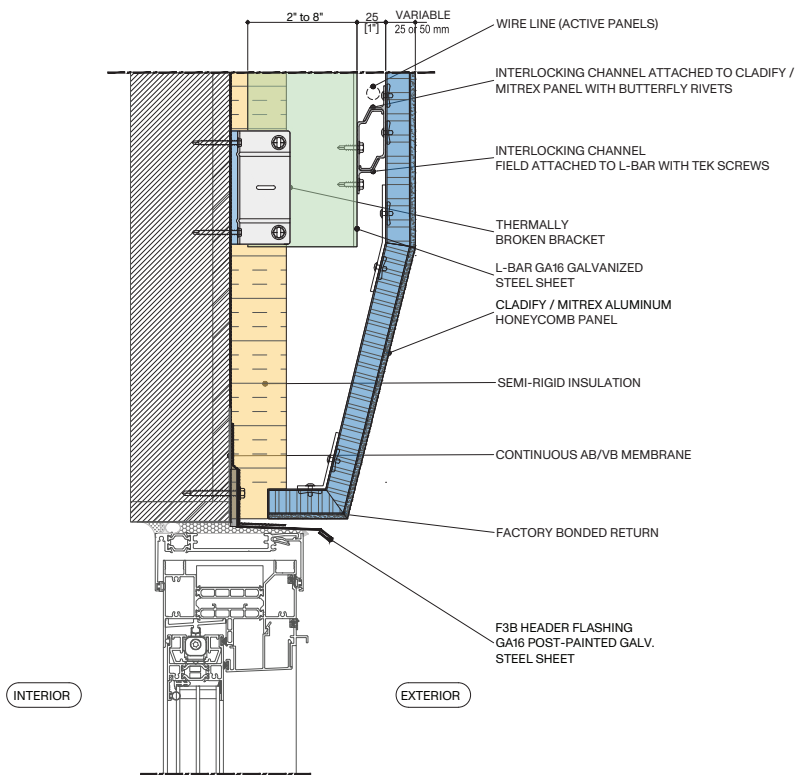
ALUMINUM HONEYCOMB PANEL

PRE-ASSEMBLED RETURN PANEL

C-2



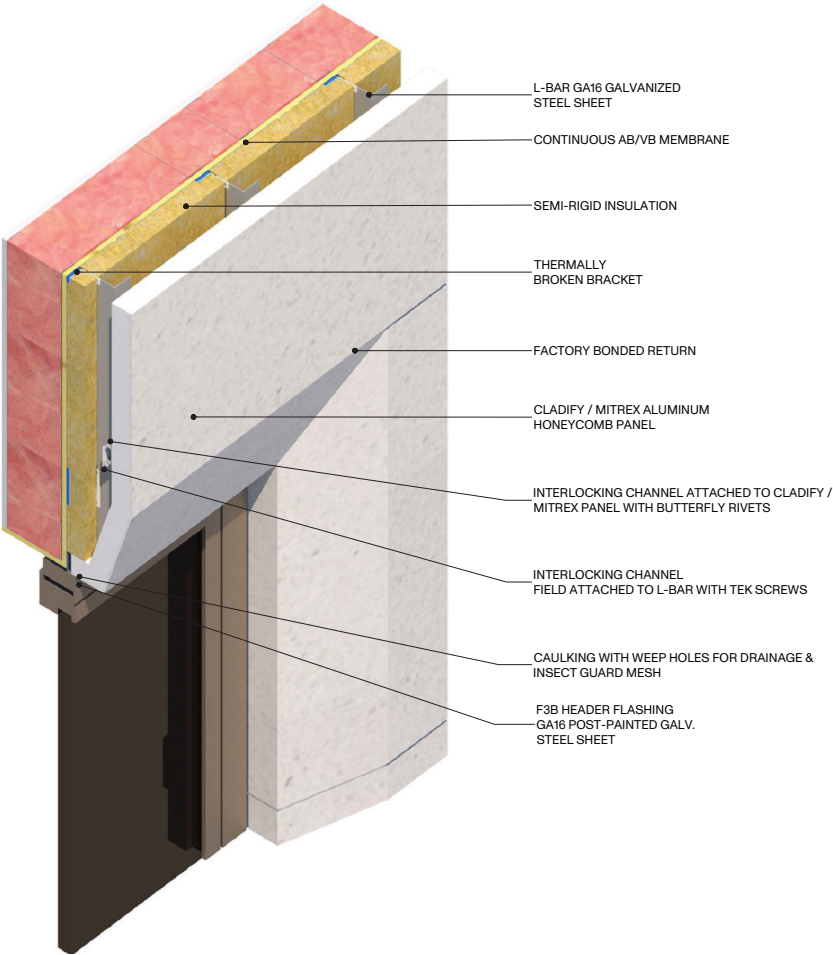
WINDOW HEADER DETAIL



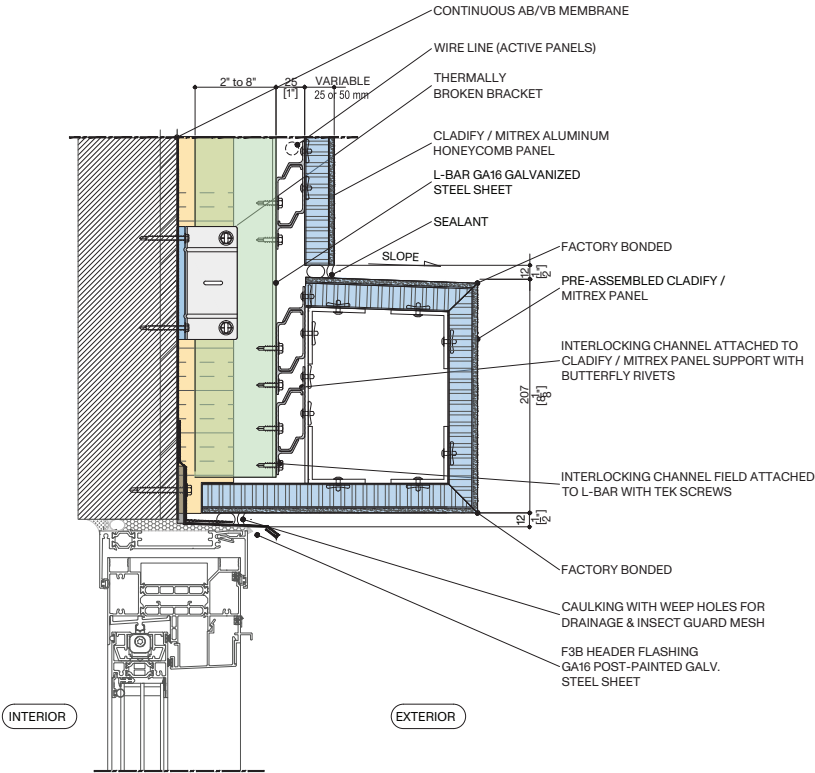
ALUMINUM HONEYCOMB PANEL

PRE-ASSEMBLED CHAMFERED FRAME (CUSTOM)

C-3



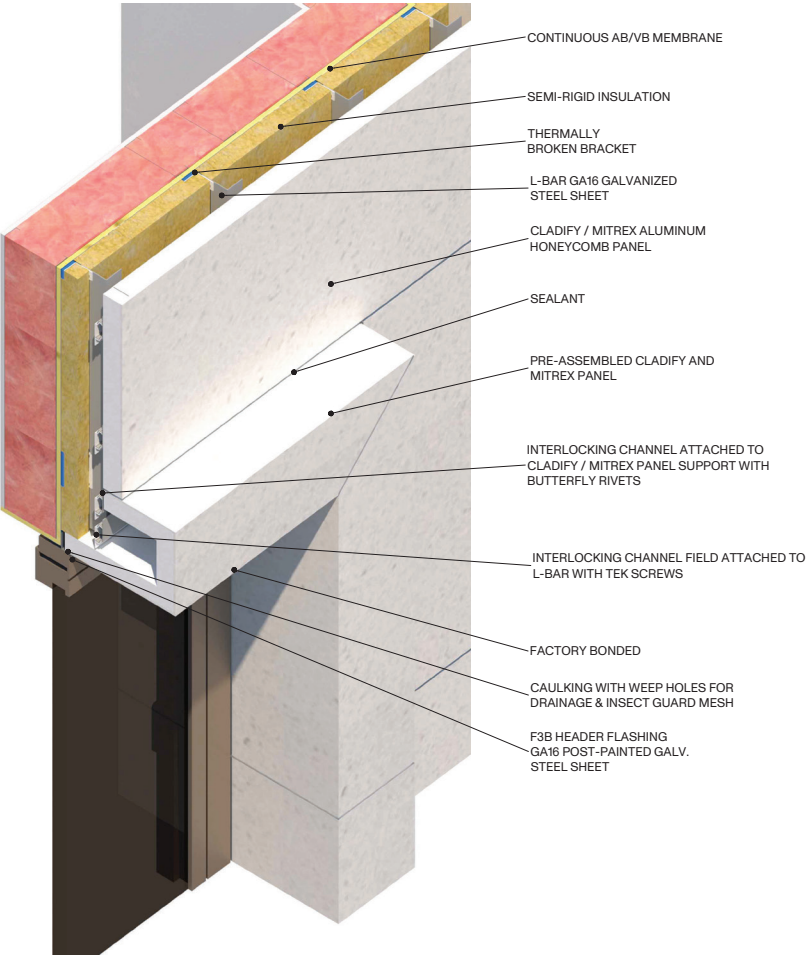
WINDOW HEADER DETAIL



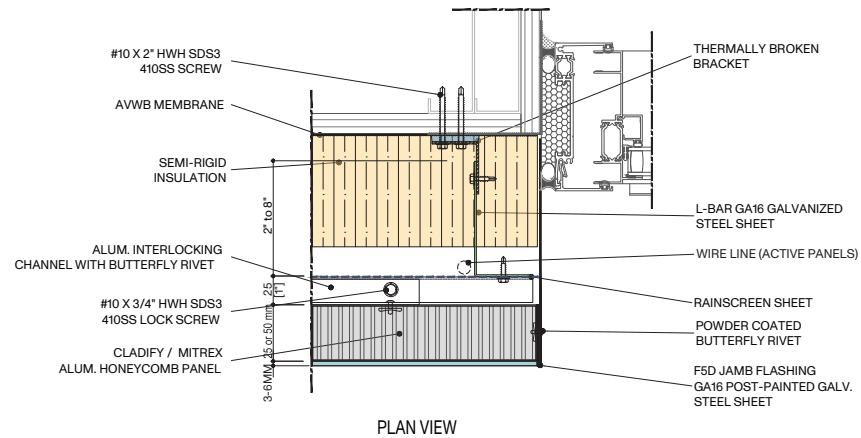
ALUMINUM HONEYCOMB PANEL

PRE-ASSEMBLED BOX FRAME (CUSTOM)

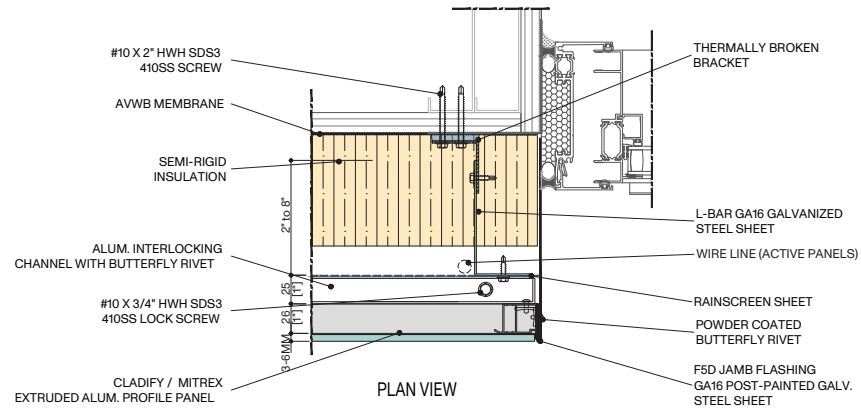
C-4



WINDOW JAMB DETAIL

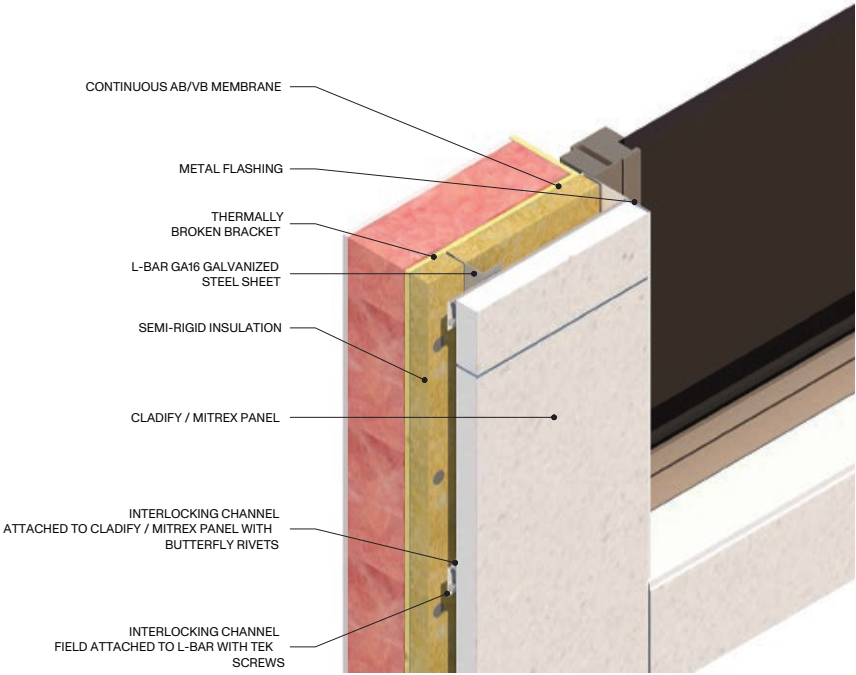


ALUMINUM HONEYCOMB PANEL

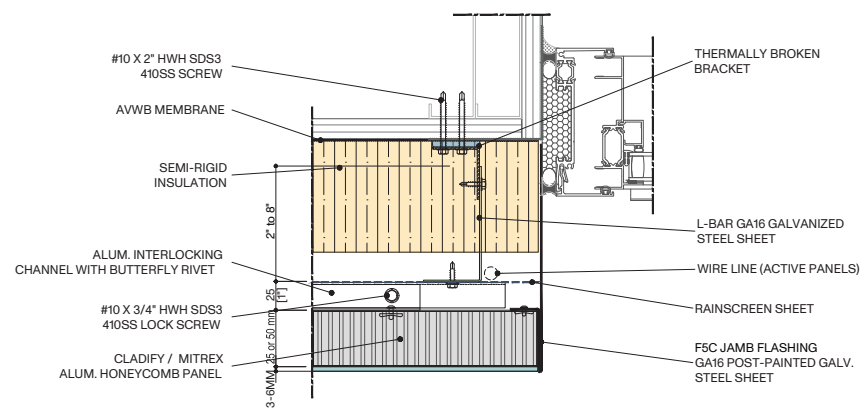


EXTRUDED ALUM. PROFILE PANEL

METAL FLASHING



WINDOW JAMB DETAIL

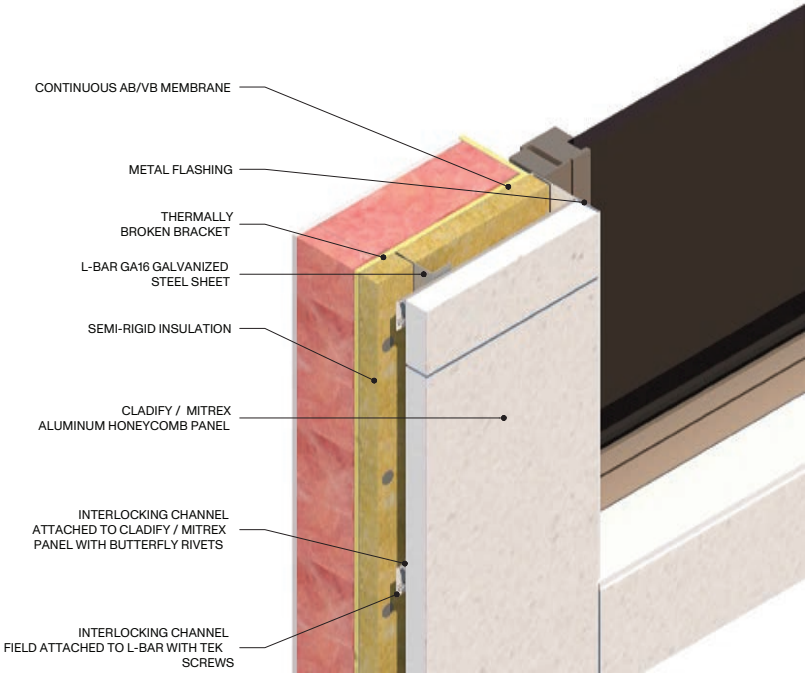


PLAN VIEW

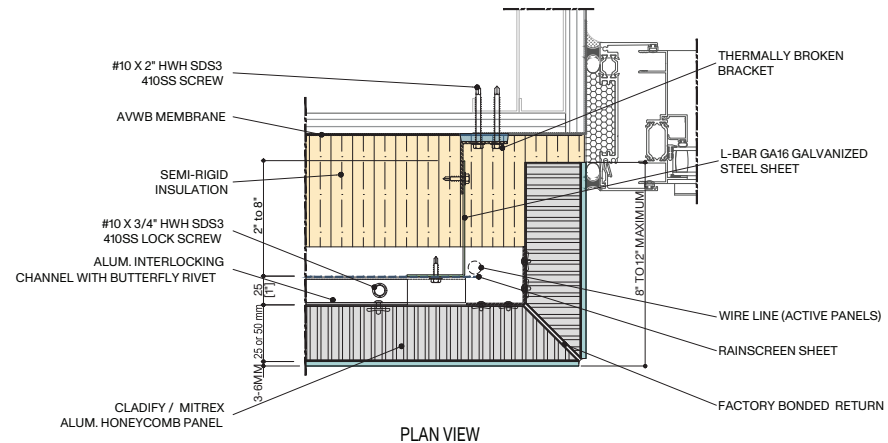
ALUMINUM HONEYCOMB PANEL

METAL FLASHING

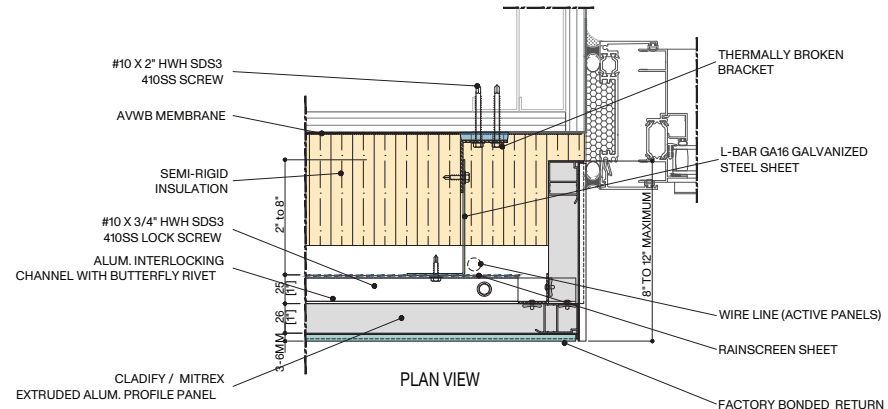
D-2



WINDOW JAMB DETAIL

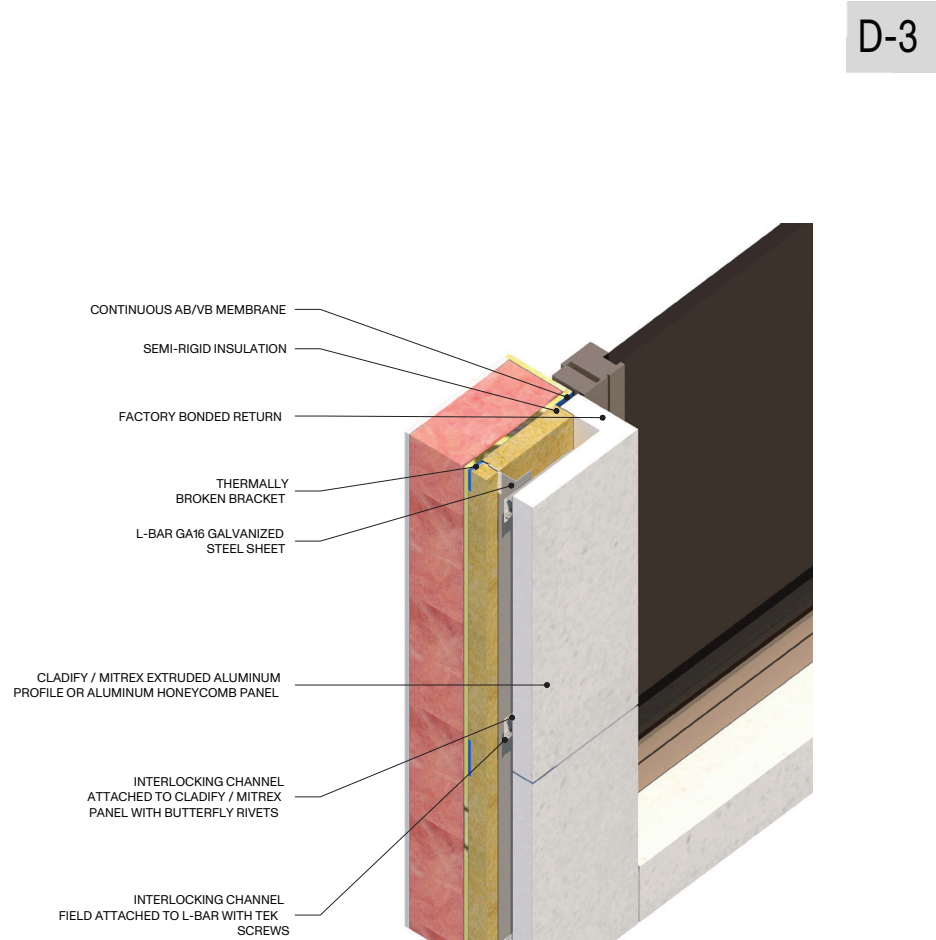


ALUMINUM HONEYCOMB PANEL



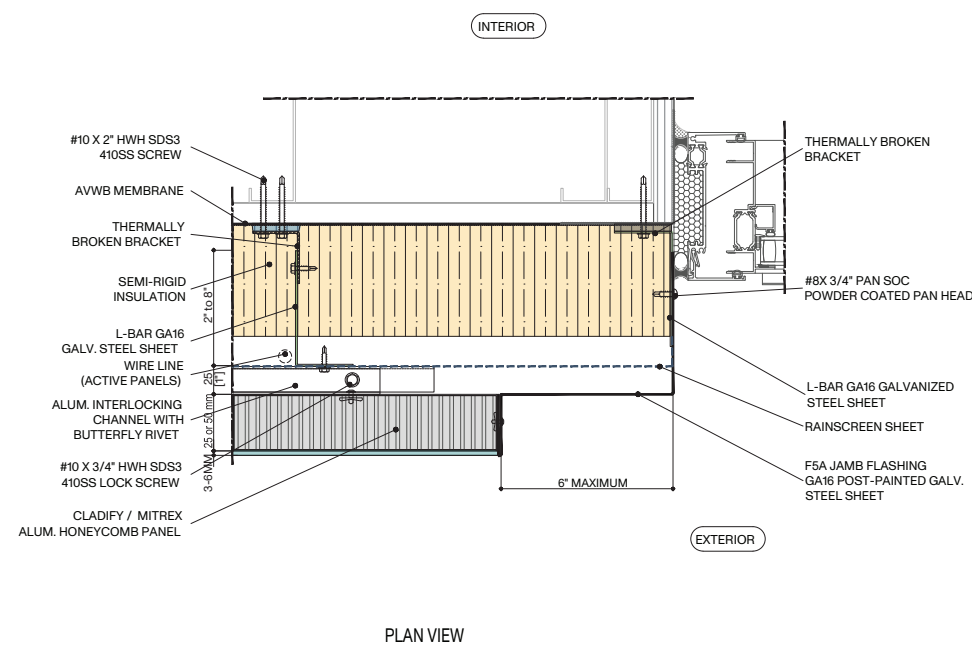
EXTRUDED ALUM. PROFILE PANEL

PRE-ASSEMBLED RETURN PANEL

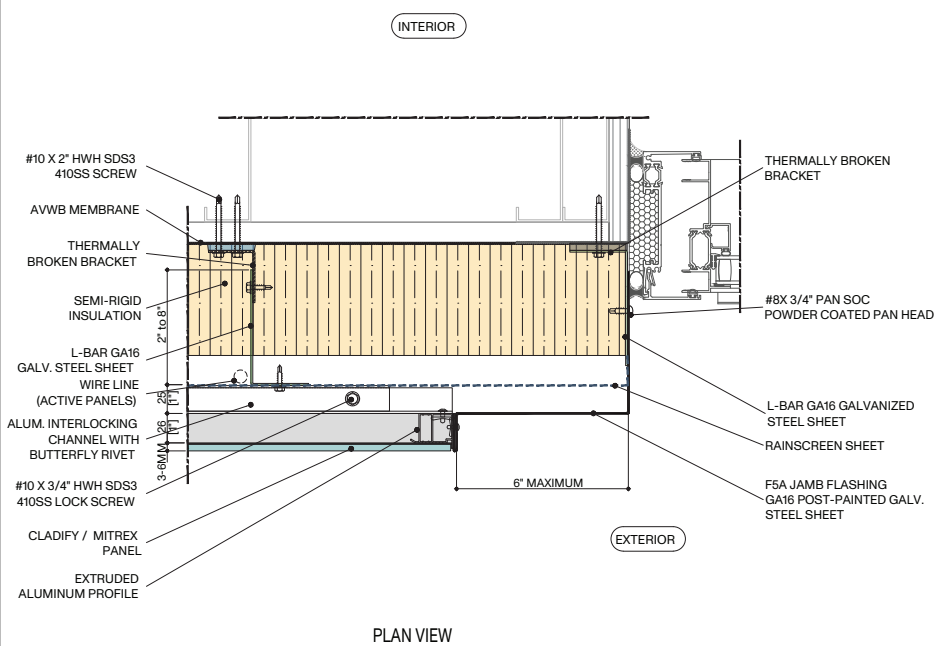


WINDOW JAMB DETAIL

D-4



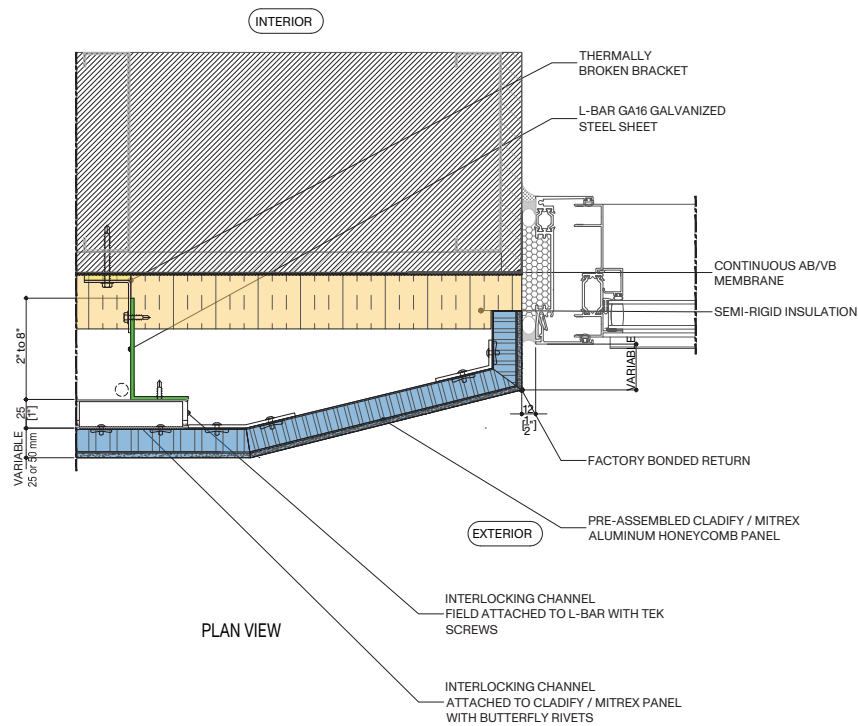
ALUMINUM HONEYCOMB PANEL



EXTRUDED ALUM. PROFILE PANEL

METAL FLASHING

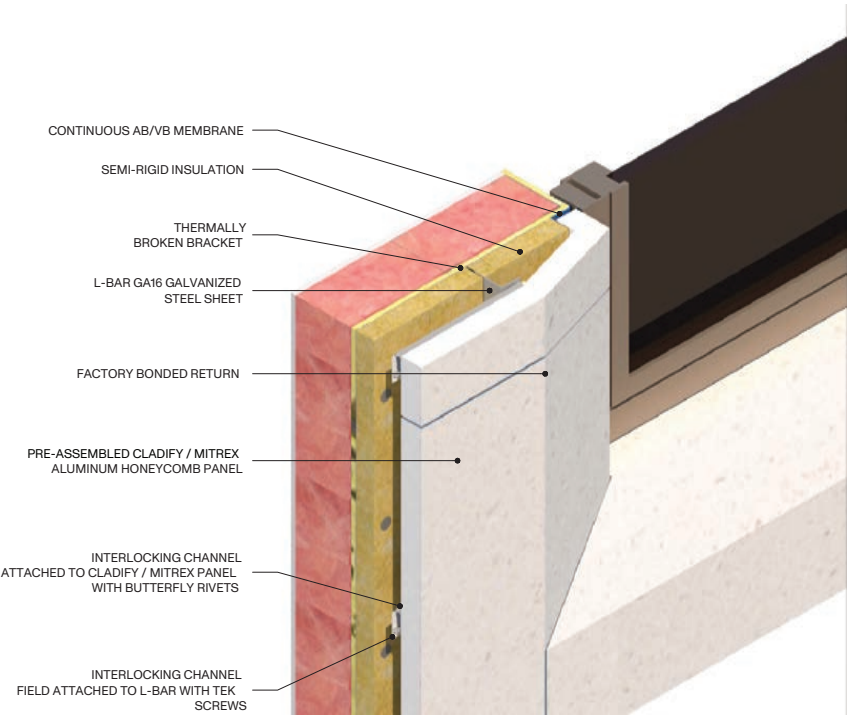
WINDOW JAMB DETAIL



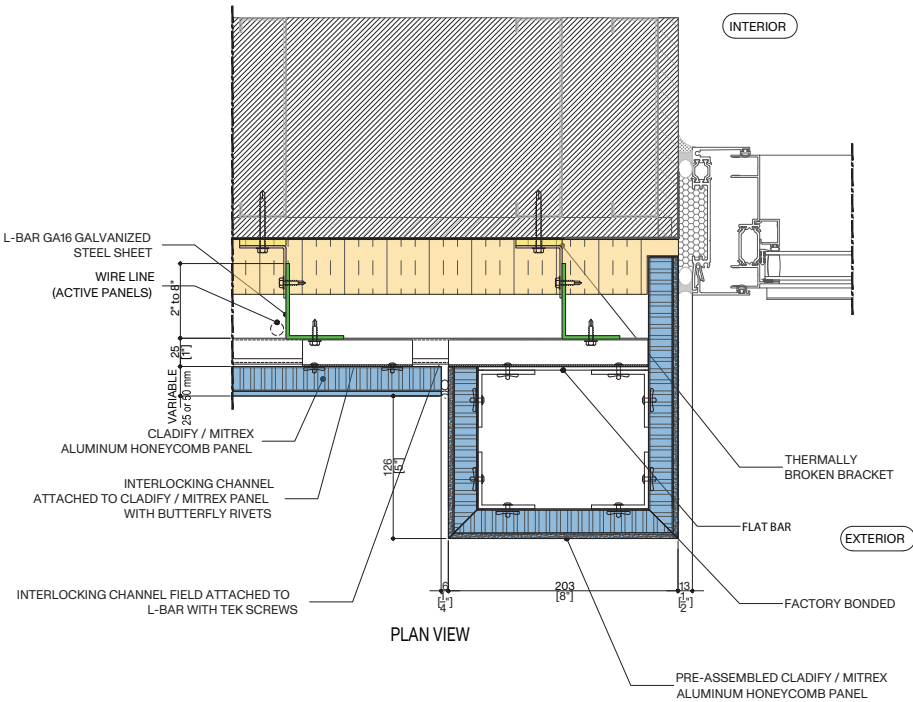
ALUMINUM HONEYCOMB PANEL

PRE-ASSEMBLED CHAMFERED FRAME (CUSTOM)

D-5



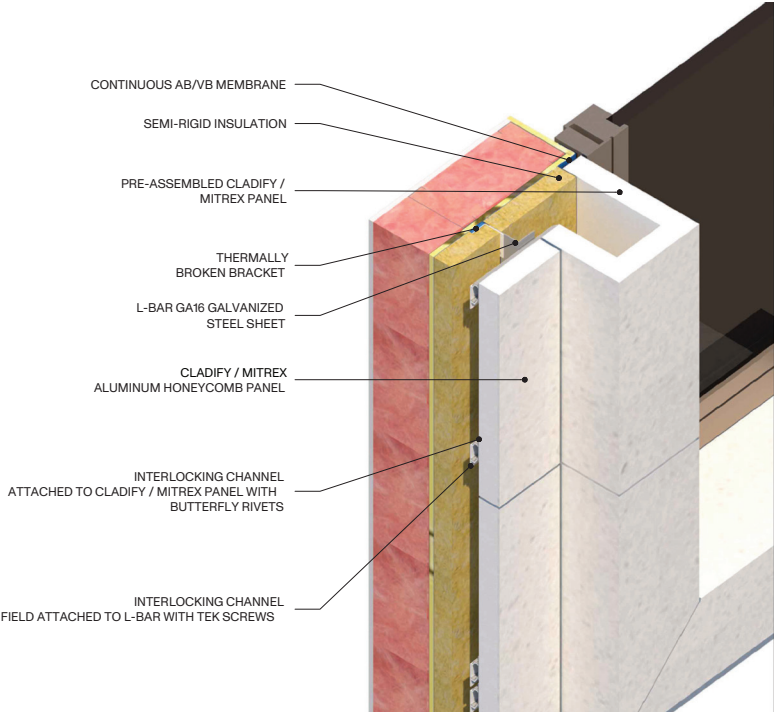
WINDOW JAMB DETAIL



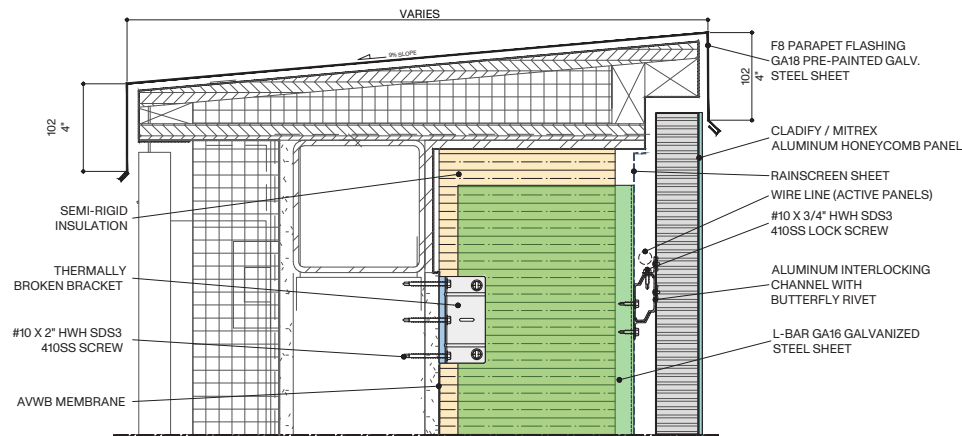
ALUMINUM HONEYCOMB PANEL

PRE-ASSEMBLED BOX FRAME (CUSTOM)

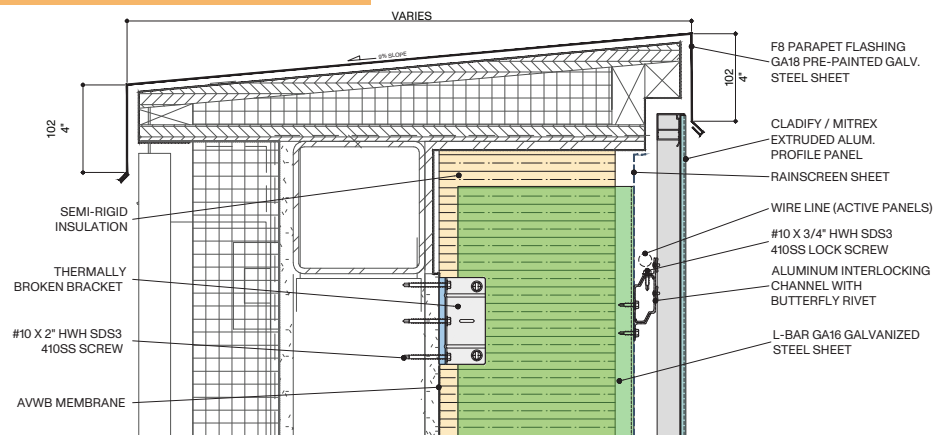
D-6



PARAPET DETAIL



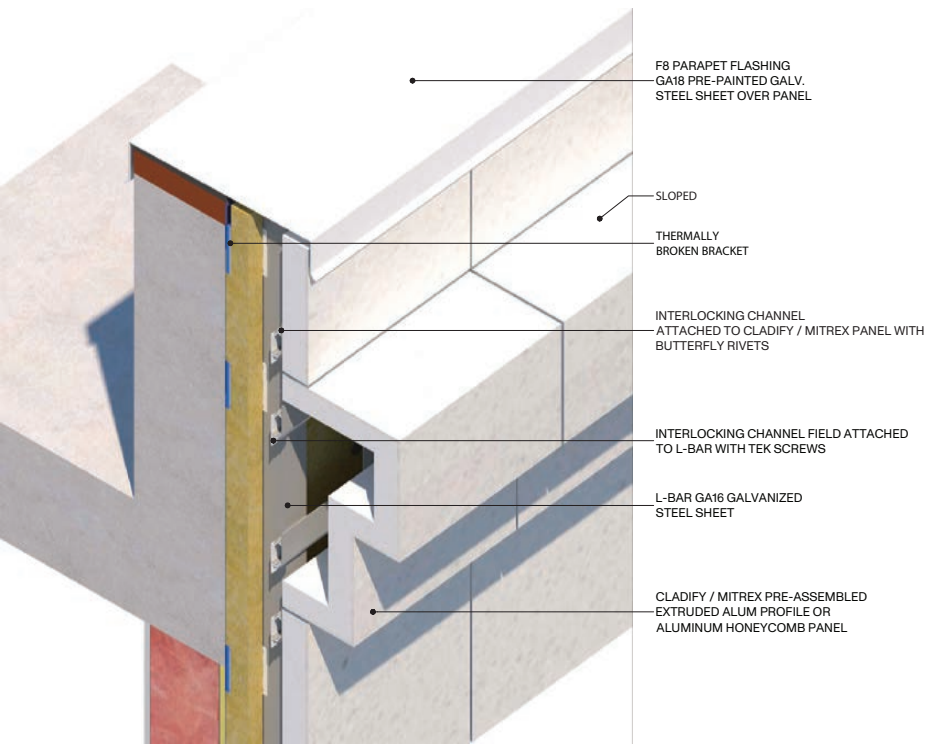
ALUMINUM HONEYCOMB PANEL



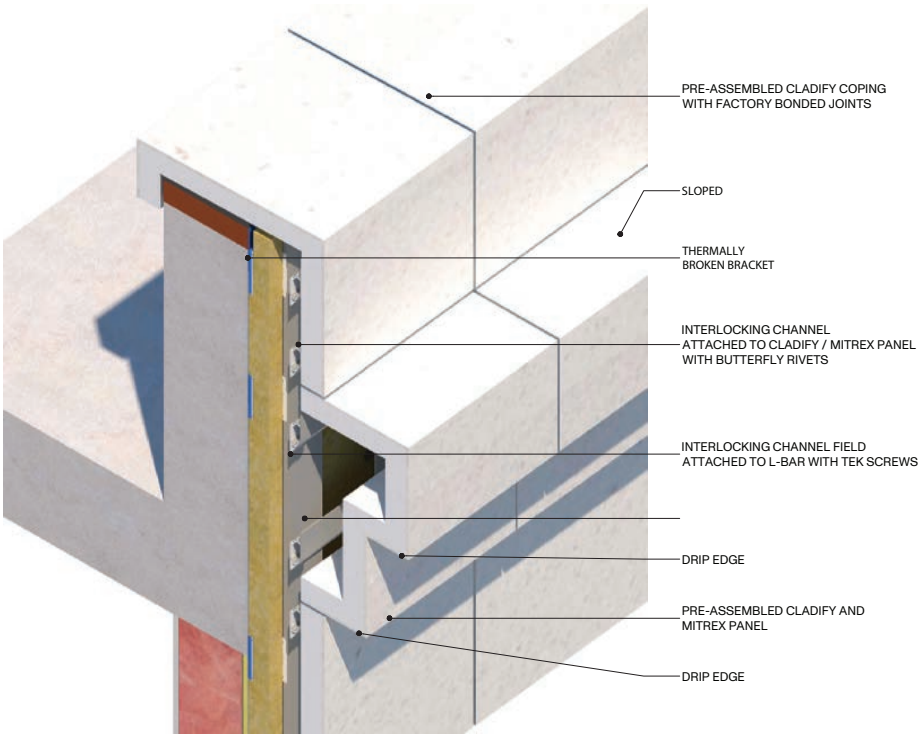
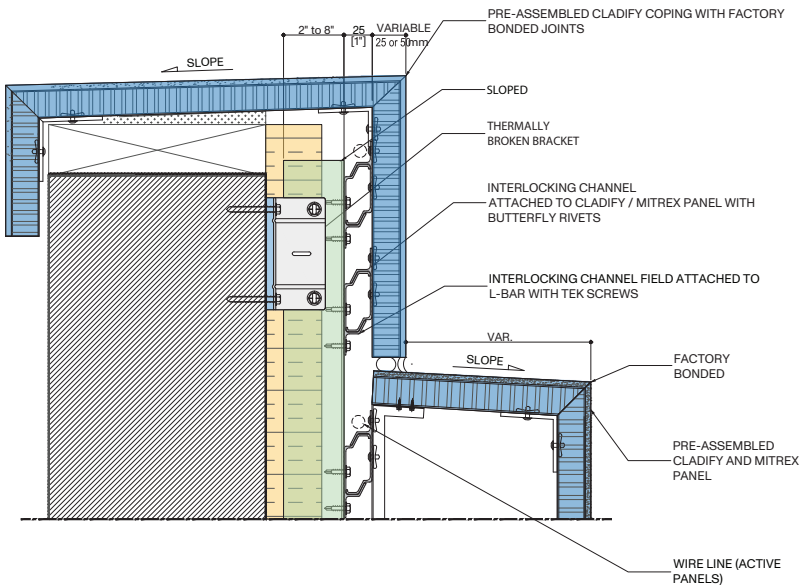
EXTRUDED ALUM. PROFILE PANEL

METAL FLASHING

E-1



PARAPET DETAIL

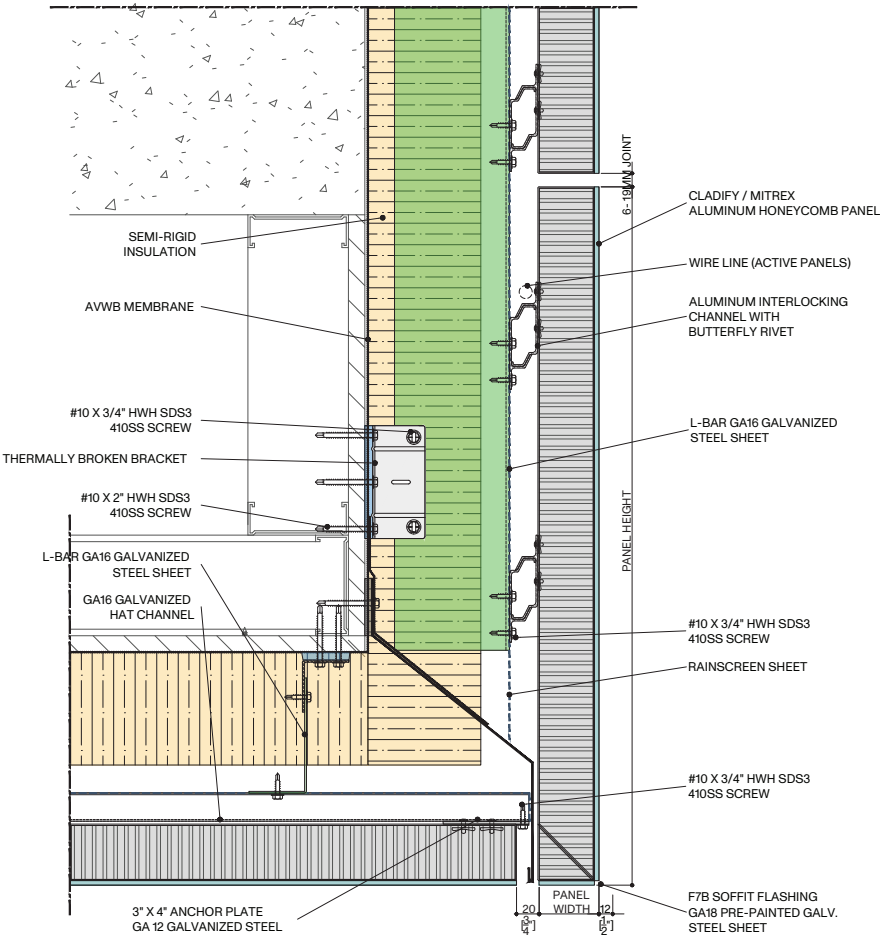


E-2

ALUMINUM HONEYCOMB PANEL

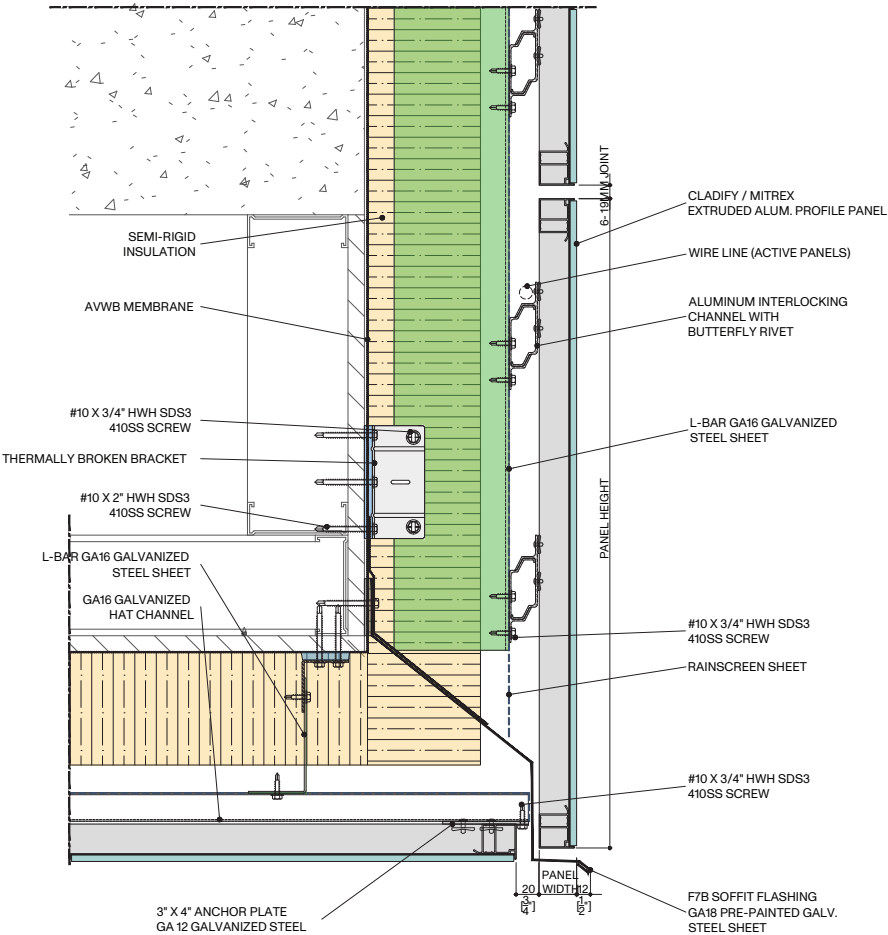
PRE ASSEMBLED COPING (CUSTOM)

SOFFIT EDGE DETAIL



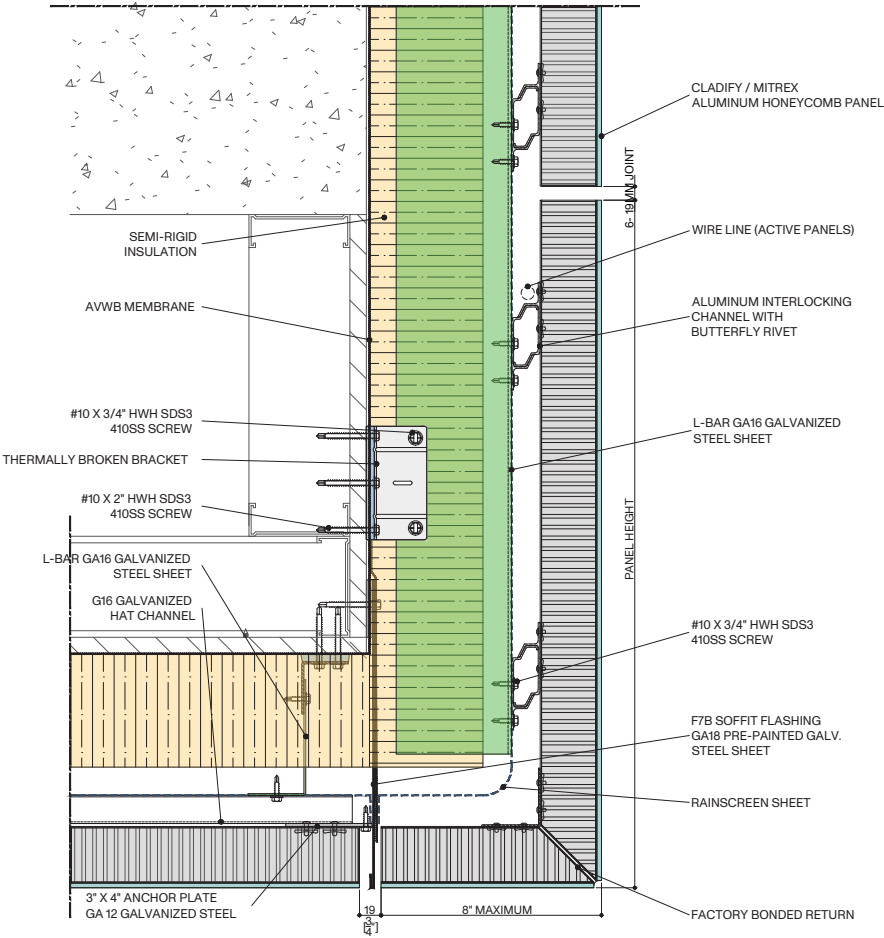
ALUMINUM HONEYCOMB PANEL

SOFFIT EDGE METAL FLASHING



EXTRUDED ALUM. PROFILE PANEL

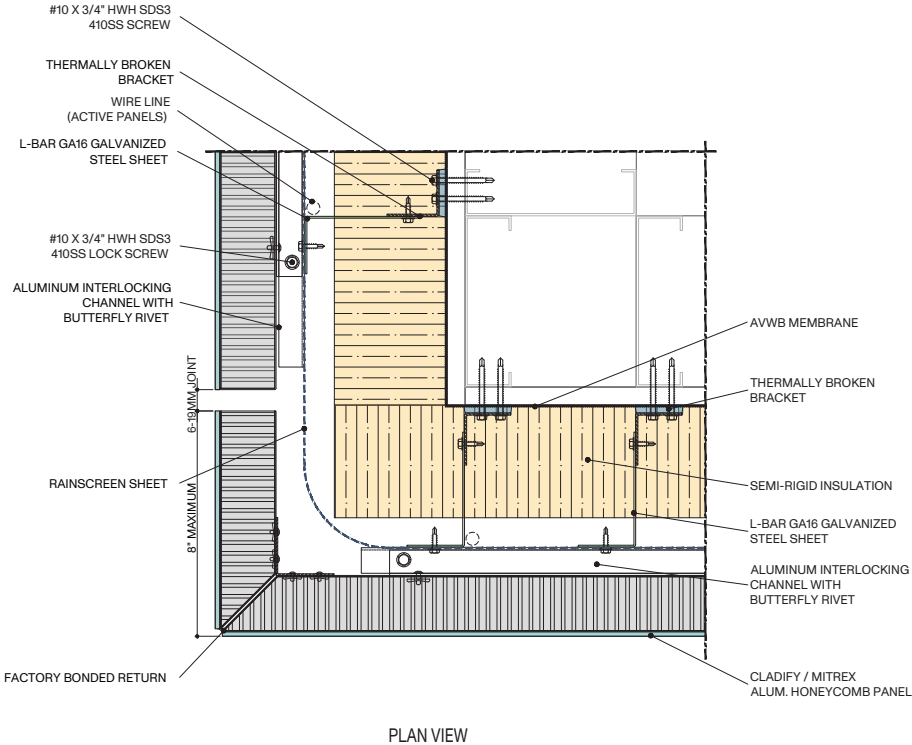
SOFFIT EDGE DETAIL



ALUMINUM HONEYCOMB PANEL

PRE-ASSEMBLED SOFFIT RETURN

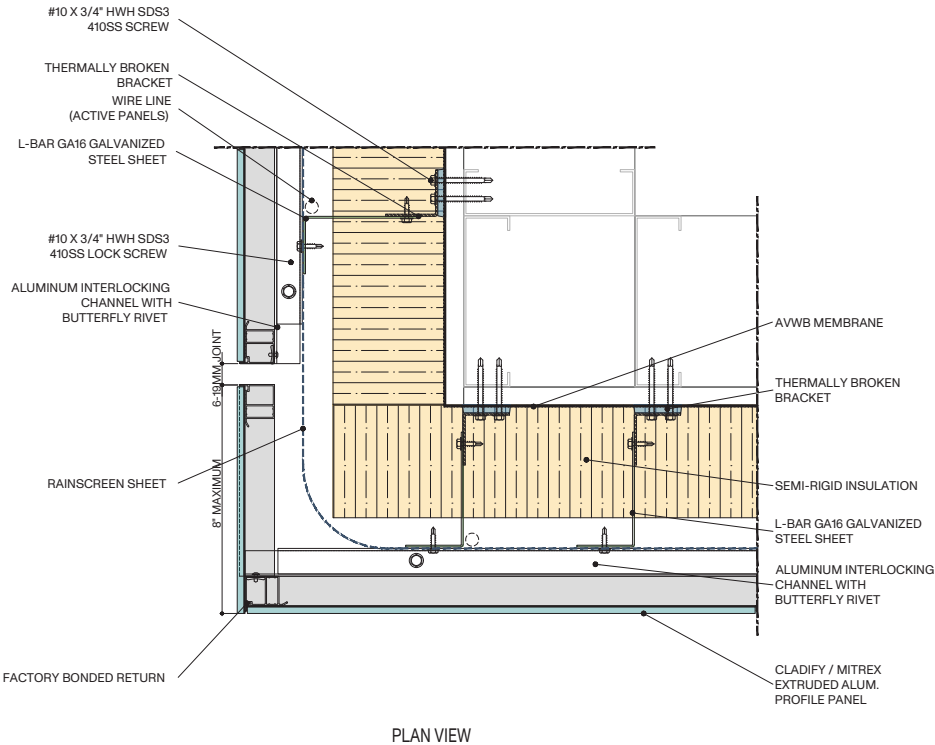
CORNER DETAIL



ALUMINUM HONEYCOMB PANEL

METAL FLASHING

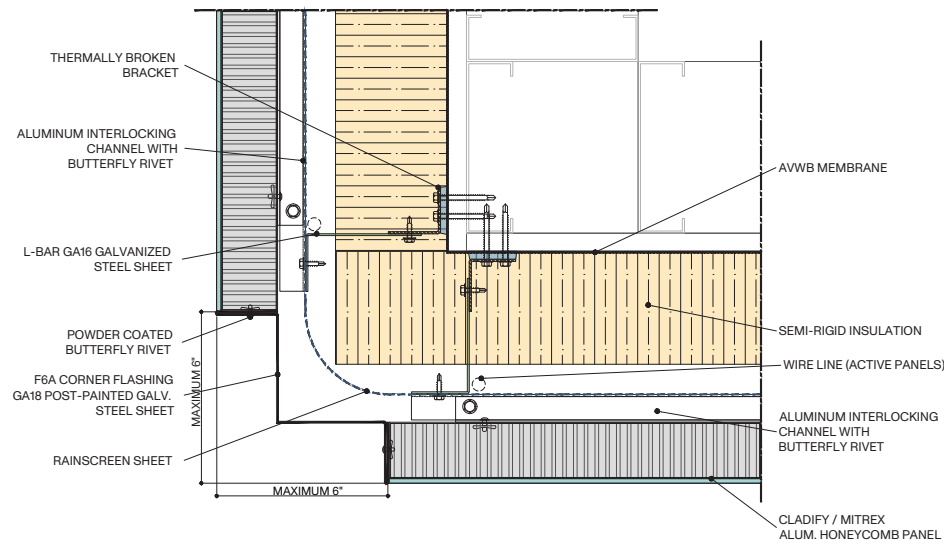
G-1



EXTRUDED ALUM. PROFILE PANEL

CORNER DETAIL

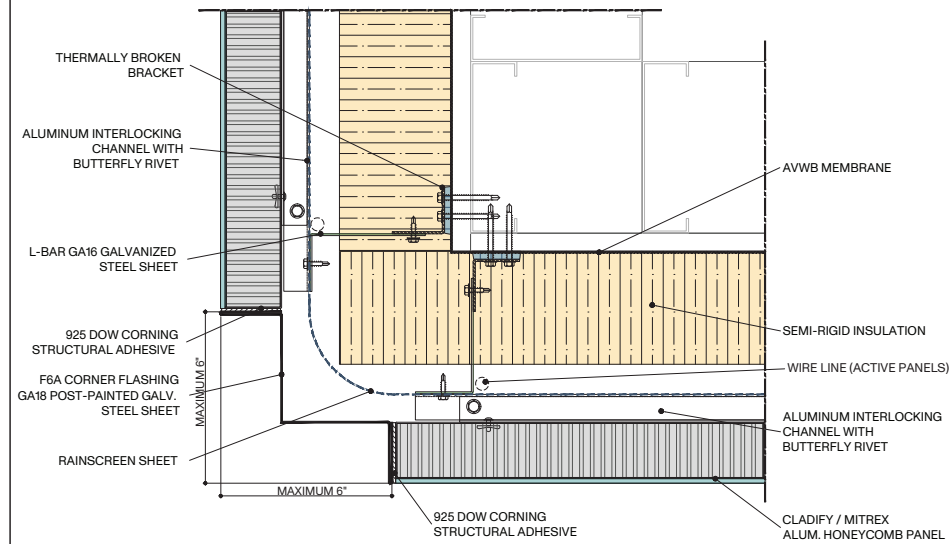
G-2



PLAN VIEW (OPTION 1)

ALUMINUM HONEYCOMB PANEL

METAL FLASHING

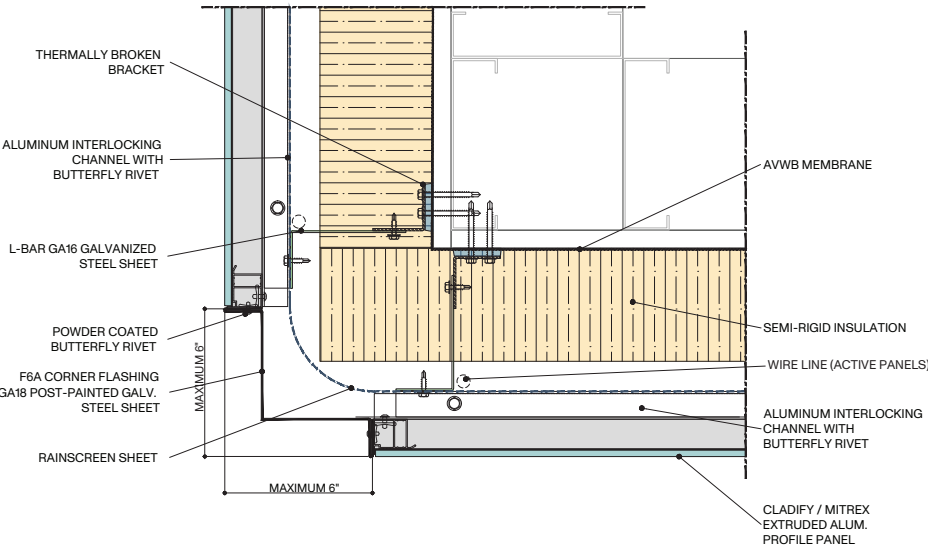


PLAN VIEW (OPTION 2)

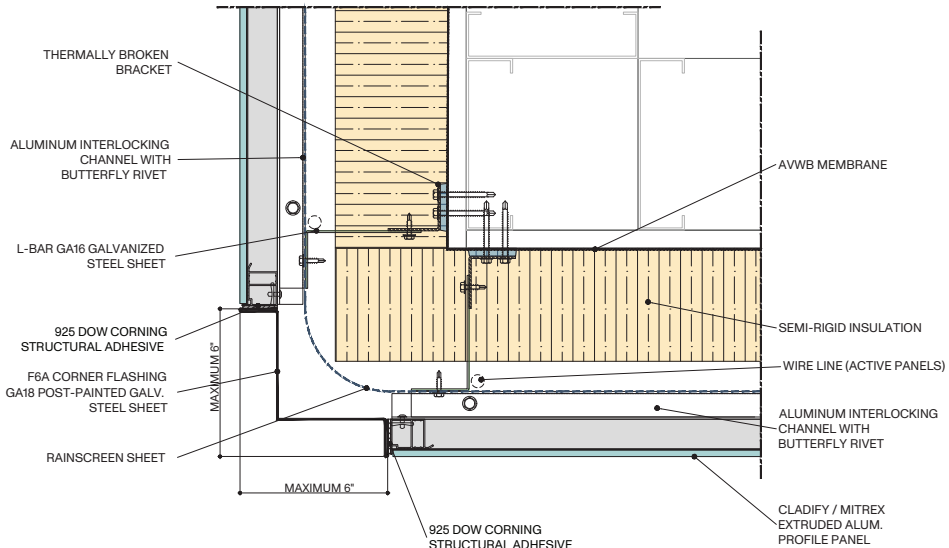
ALUMINUM HONEYCOMB PANEL

CORNER DETAIL

G-3



PLAN VIEW (OPTION 1)



PLAN VIEW (OPTION 2)

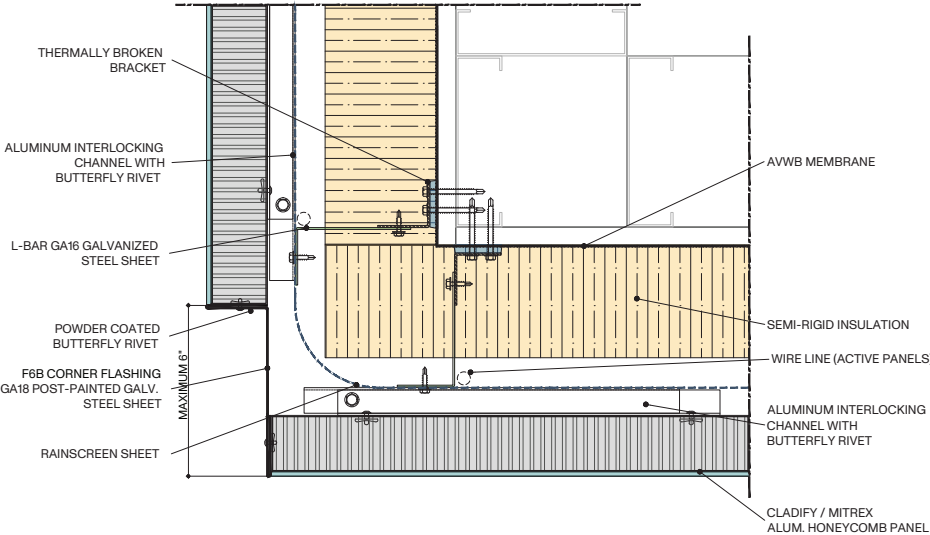
EXTRUDED ALUM. PROFILE PANEL

EXTRUDED ALUM. PROFILE PANEL

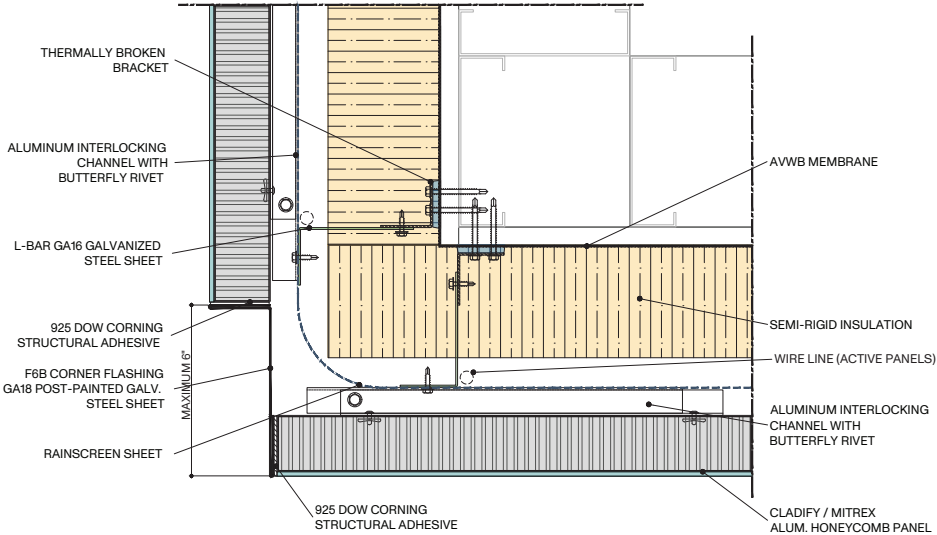
METAL FLASHING

CORNER DETAIL

G-4



PLAN VIEW (OPTION 1)



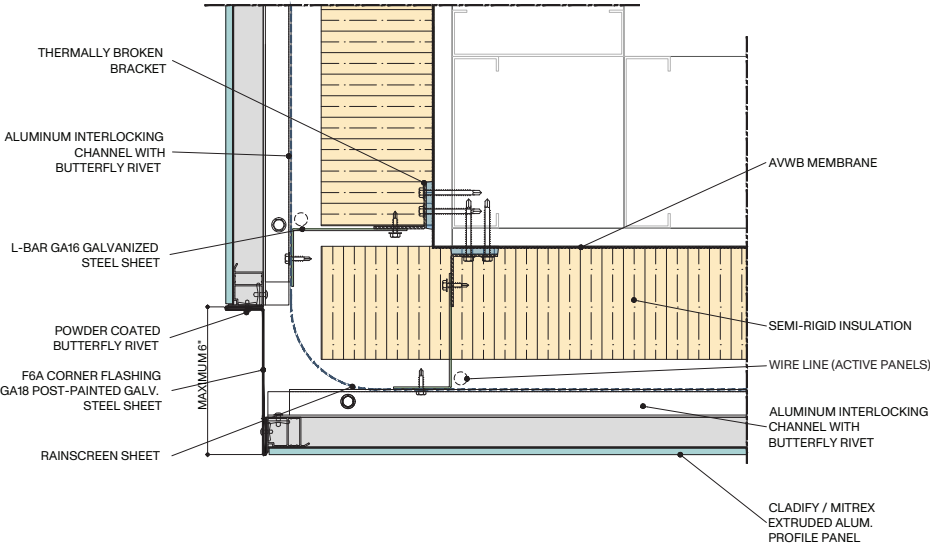
PLAN VIEW (OPTION 2)

ALUMINUM HONEYCOMB PANEL

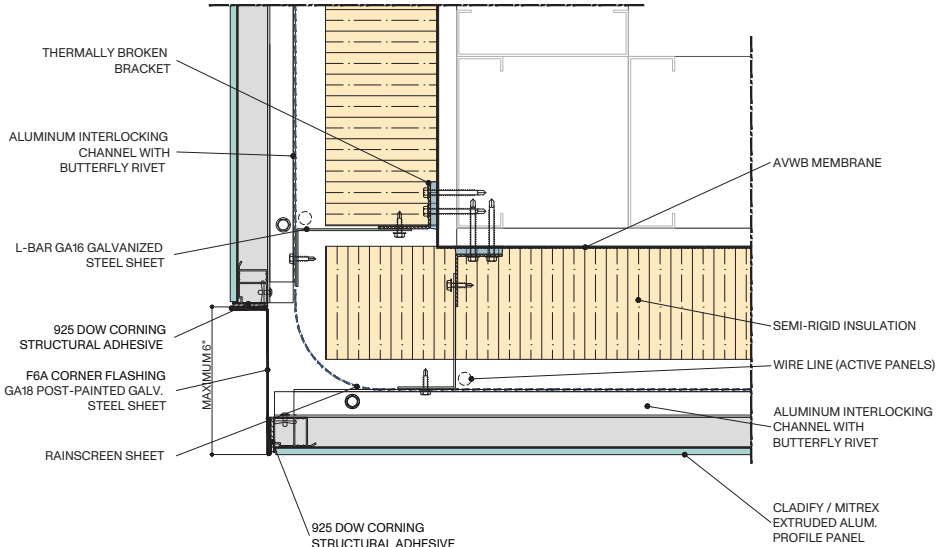
METAL FLASHING

CORNER DETAIL

G-5



PLAN VIEW (OPTION 1)



PLAN VIEW (OPTION 2)

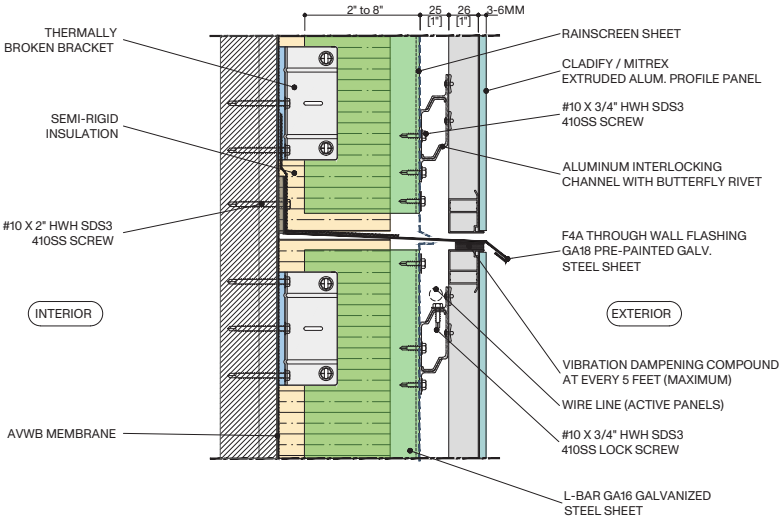
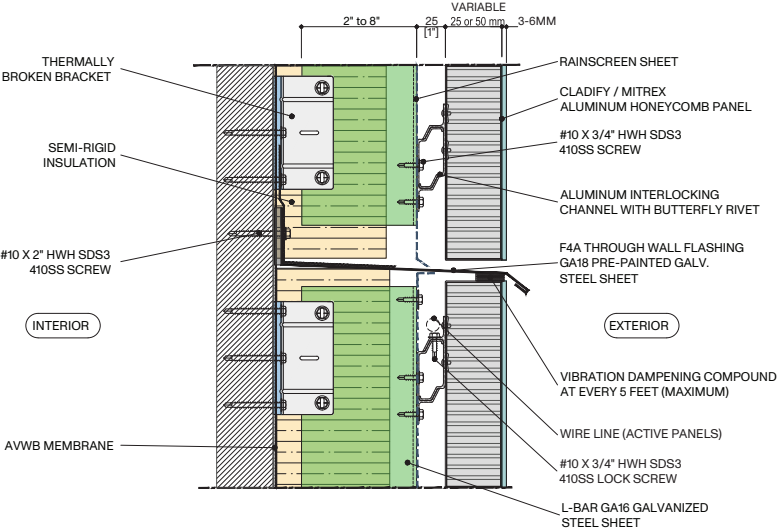
EXTRUDED ALUM. PROFILE PANEL

EXTRUDED ALUM. PROFILE PANEL

METAL FLASHING

THROUGH WALL DETAIL

H-1

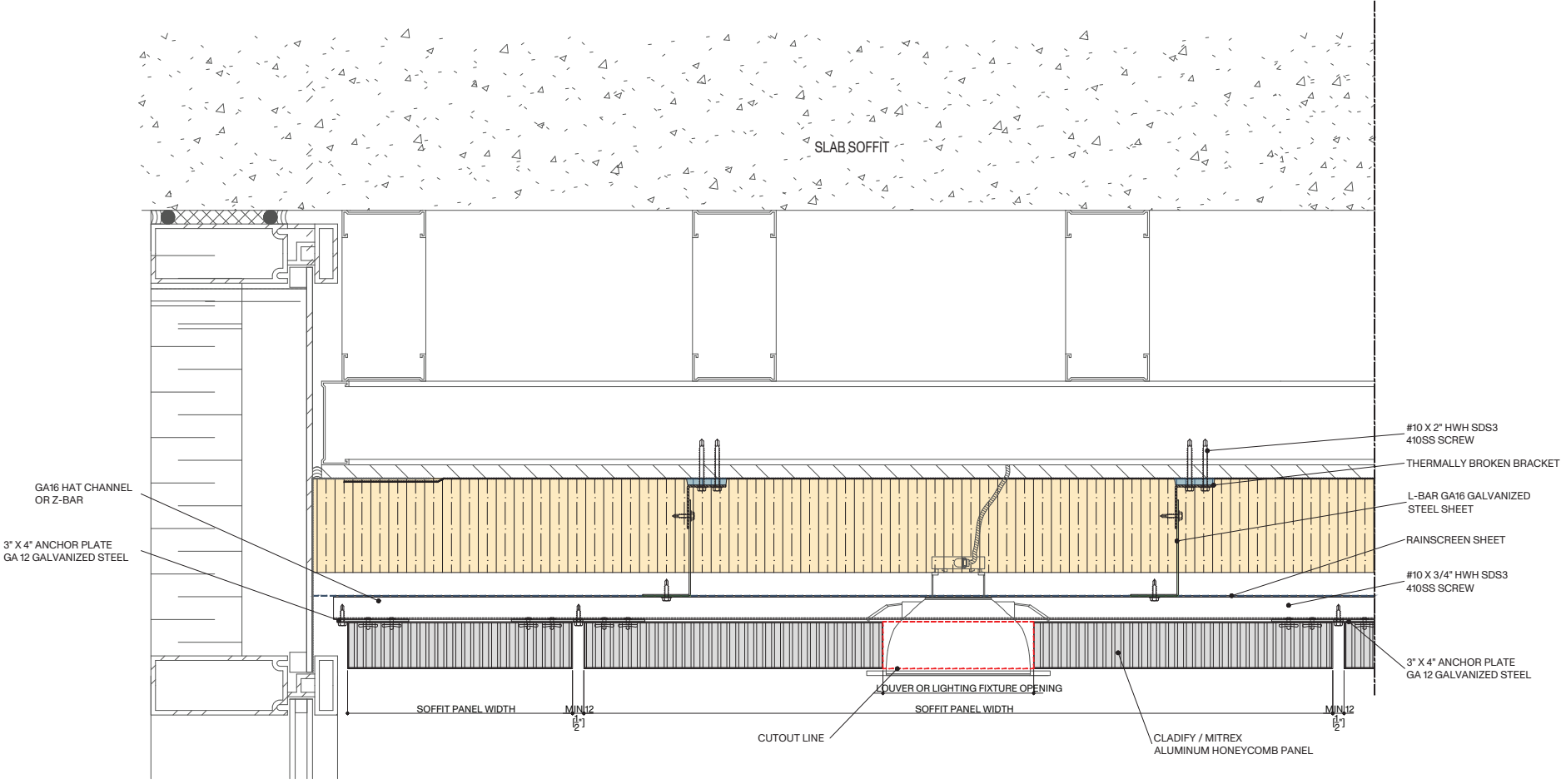


ALUMINUM HONEYCOMB PANEL

EXTRUDED ALUM. PROFILE PANEL

METAL FLASHING

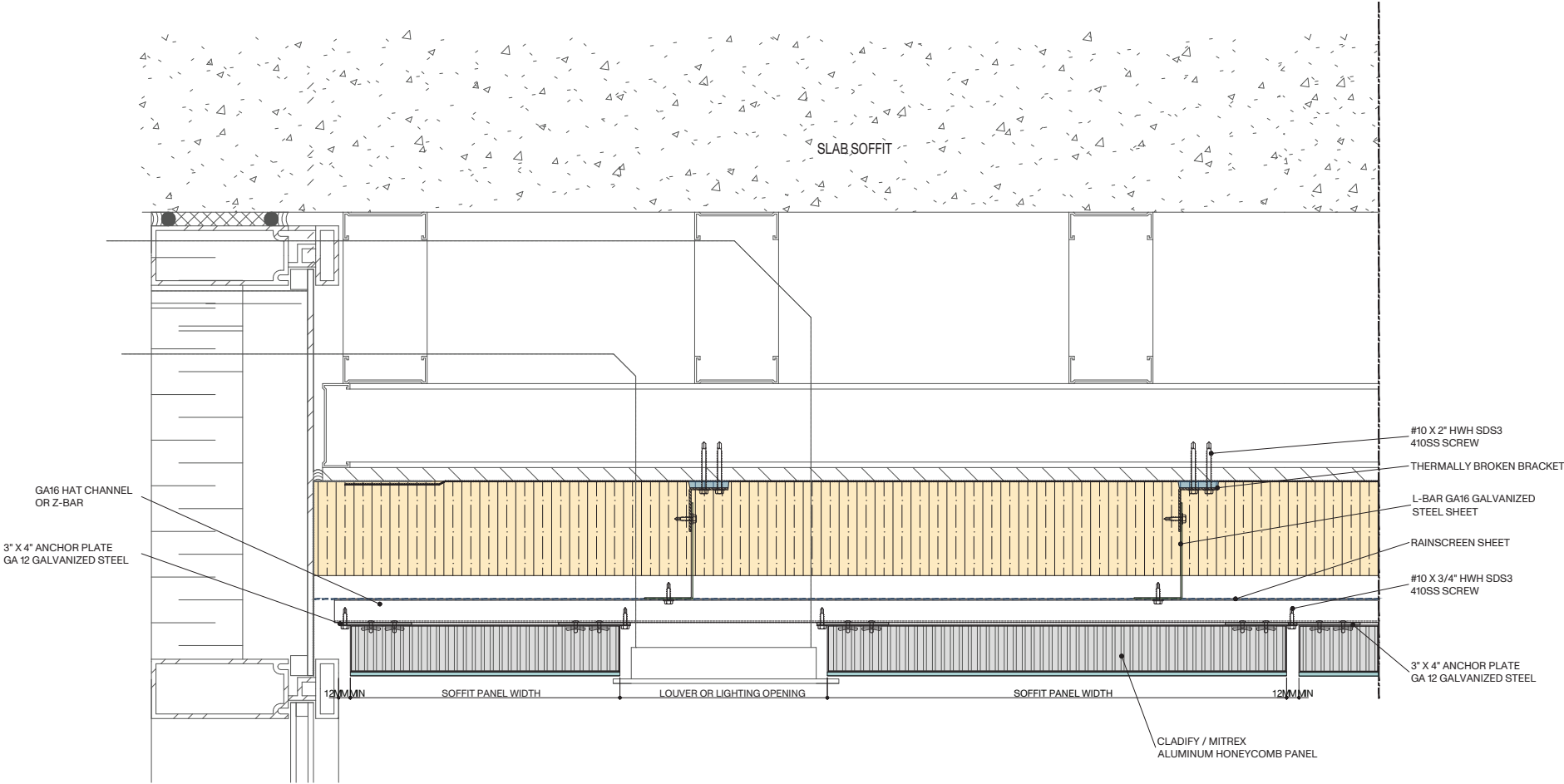
BUILDING SYSTEM INTERFACE



ALUMINUM HONEYCOMB PANEL

SOFFIT PANEL CUTOUT

BUILDING SYSTEM INTERFACE

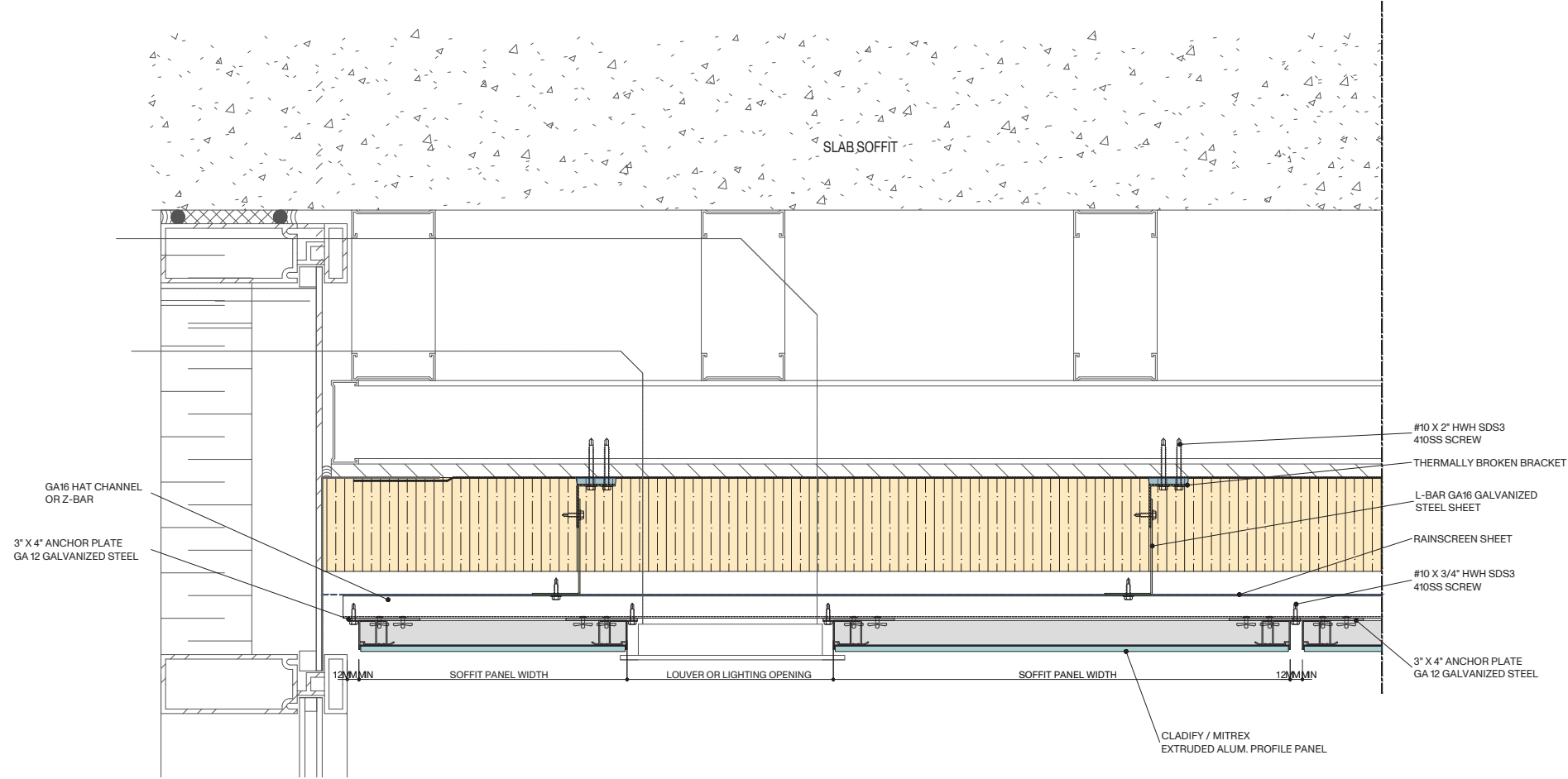


ALUMINUM HONEYCOMB PANEL

IN BETWEEN PANELS

BUILDING SYSTEM INTERFACE

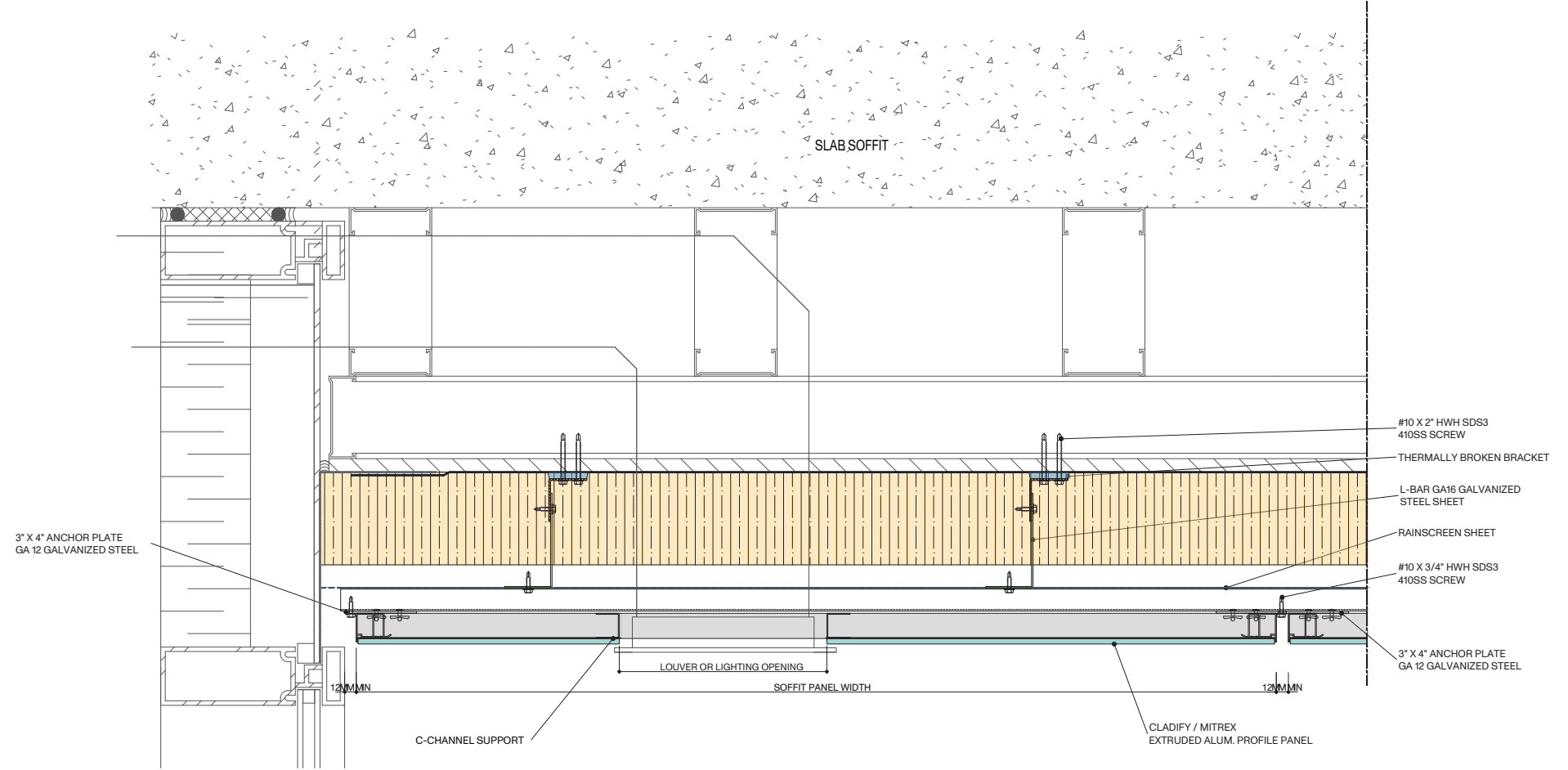
J-3



EXTRUDED ALUM. PROFILE PANEL

IN BETWEEN PANELS

BUILDING SYSTEM INTERFACE



EXTRUDED ALUM. PROFILE PANEL

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