



## Architectural Details:

Cladishield (Rainscreen) Installation System With  
Anchor Plate for 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



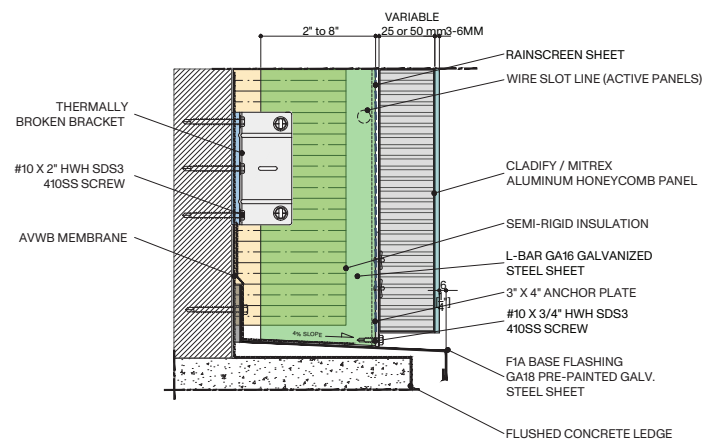
# Mitrex eFacade Products Comparison

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.

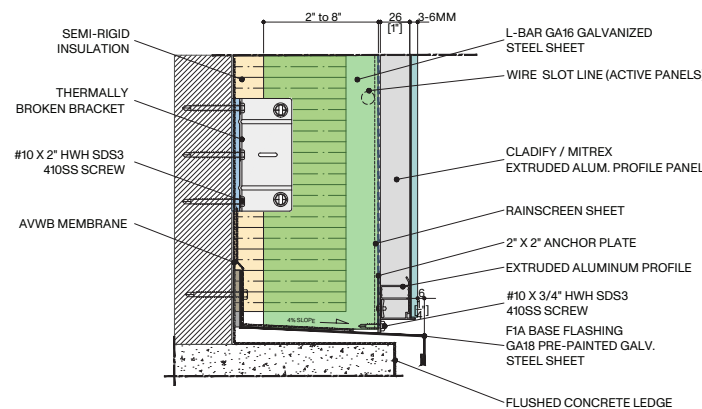
The table below provides a detailed comparison across key features such as colors and finishes, sizing options, weight, system compatibility, and testing standards. Whether you're prioritizing affordability, customization, or advanced performance, this side-by-side overview will help you identify the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

|                   | eFacade LITE                                                                | eFacade PRO                                                             | eFacade PRO+                                                                                                                                        |
|-------------------|-----------------------------------------------------------------------------|-------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| 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). 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). 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

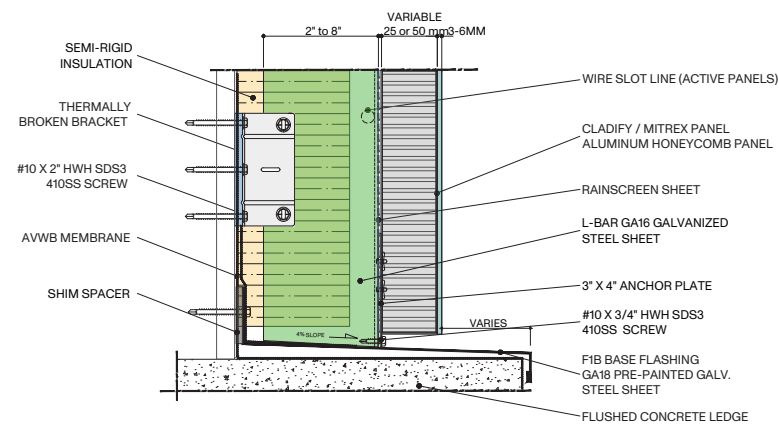


ALUMINUM HONEYCOMB PANEL

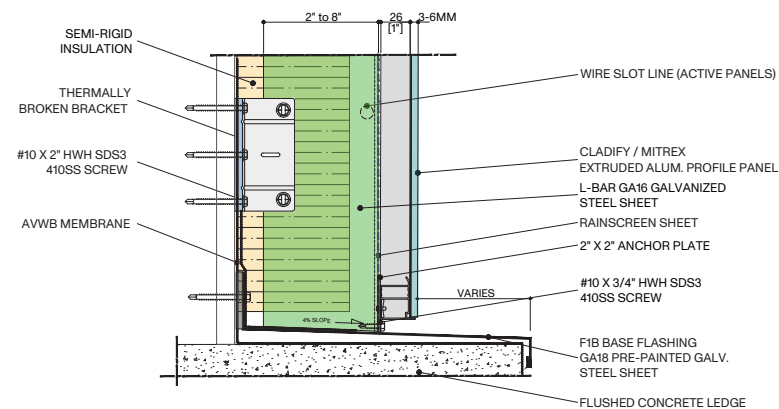


EXTRUDED ALUM. PROFILE PANEL

EXPOSED PANEL  
(ANCHOR PLATE - TOP AND BOTTOM CONNECTION)



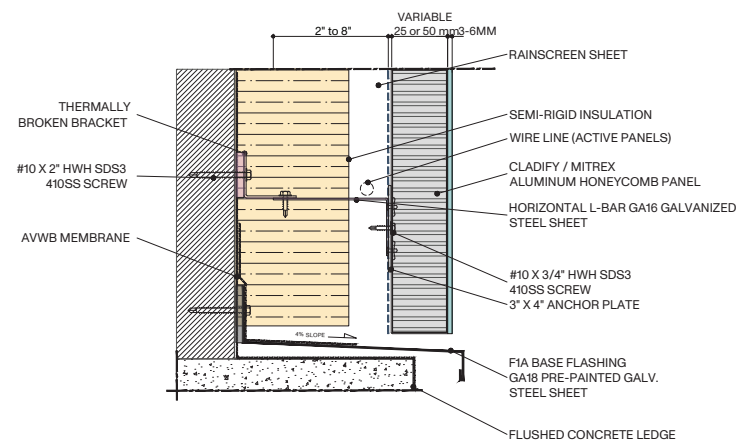
ALUMINUM HONEYCOMB PANEL



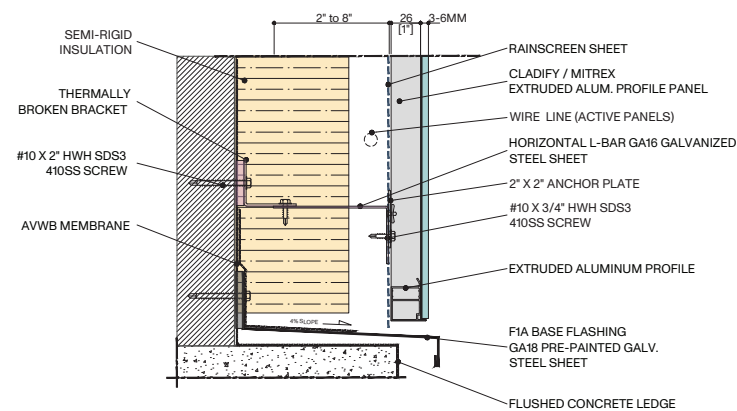
EXTRUDED ALUM. PROFILE PANEL

RECESSED PANEL  
(ANCHOR PLATE - TOP AND BOTTOM CONNECTION)

PANEL BASE DETAIL

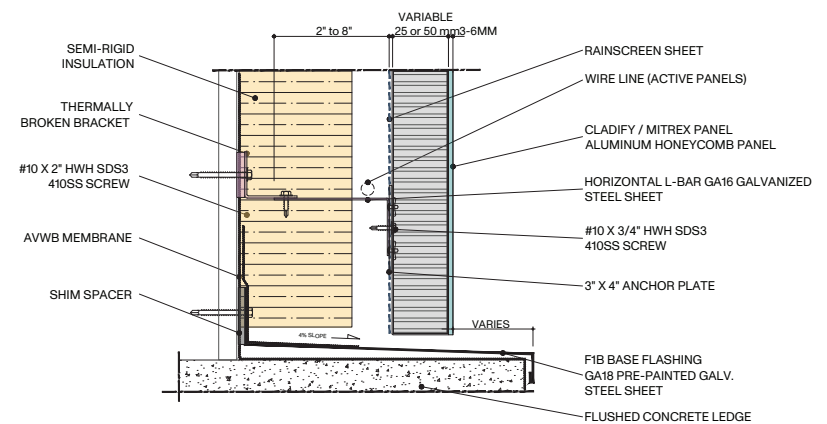


ALUMINUM HONEYCOMB PANEL

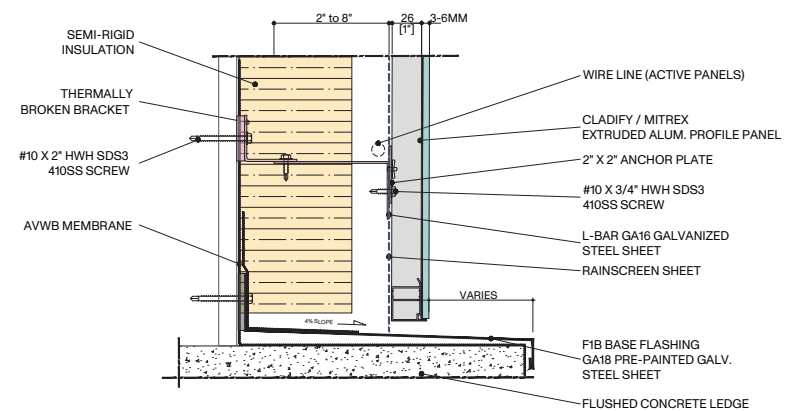


EXTRUDED ALUM. PROFILE PANEL

EXPOSED PANEL  
(ANCHOR PLATE - SIDE CONNECTION)



ALUMINUM HONEYCOMB PANEL

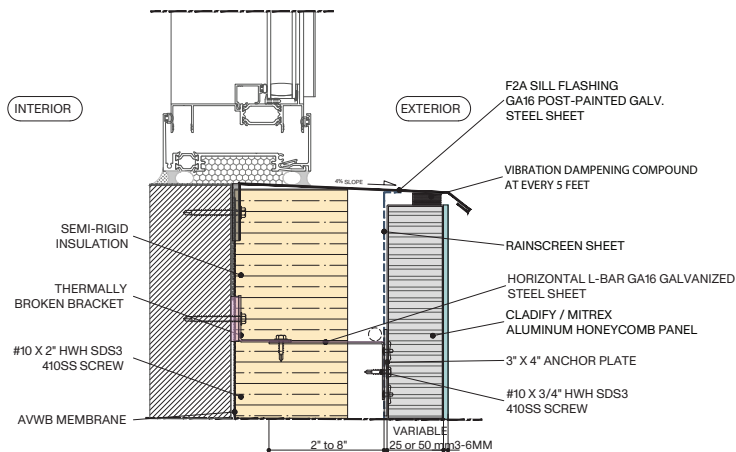


EXTRUDED ALUM. PROFILE PANEL

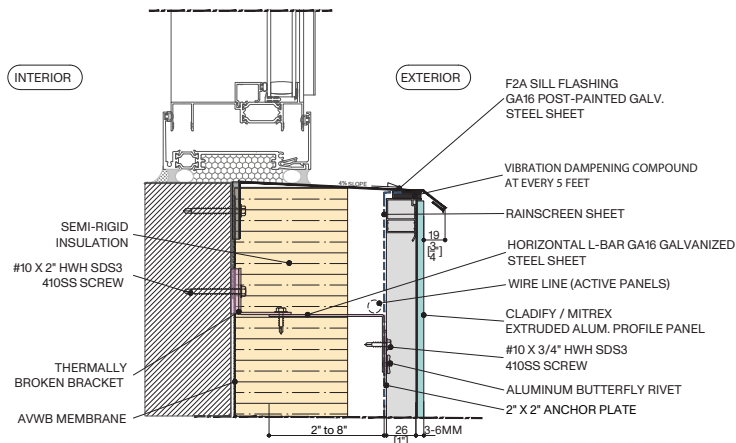
RECESSED PANEL  
(ANCHOR PLATE - SIDE CONNECTION)

WINDOW SILL DETAIL

B-1

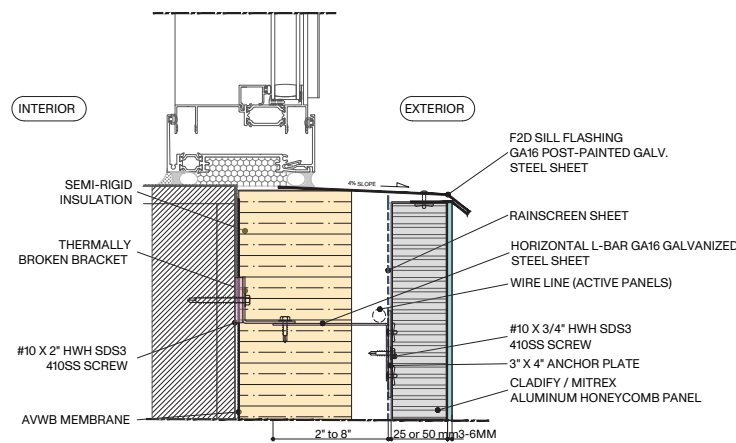


ALUMINUM HONEYCOMB PANEL

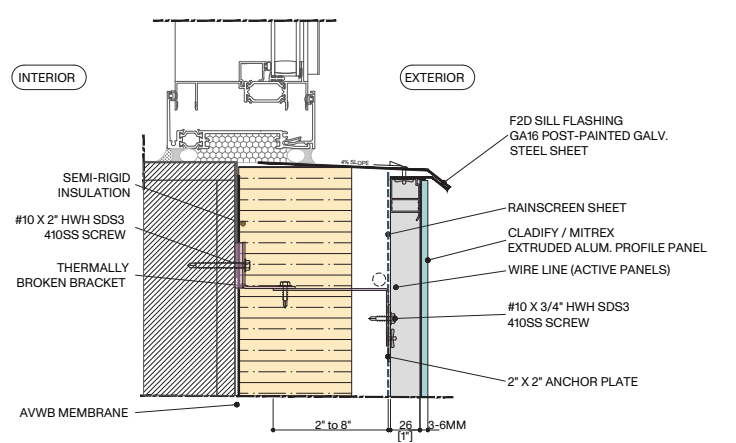


EXTRUDED ALUM. PROFILE PANEL

METAL FLASHING  
(ANCHOR PLATE - SIDE CONNECTION)

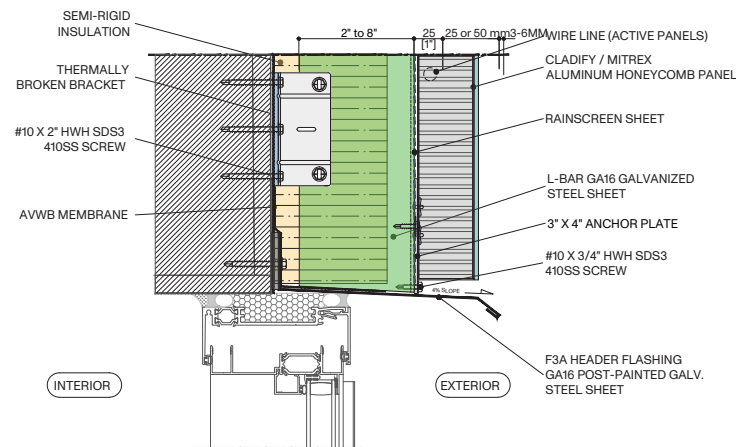


ALUMINUM HONEYCOMB PANEL

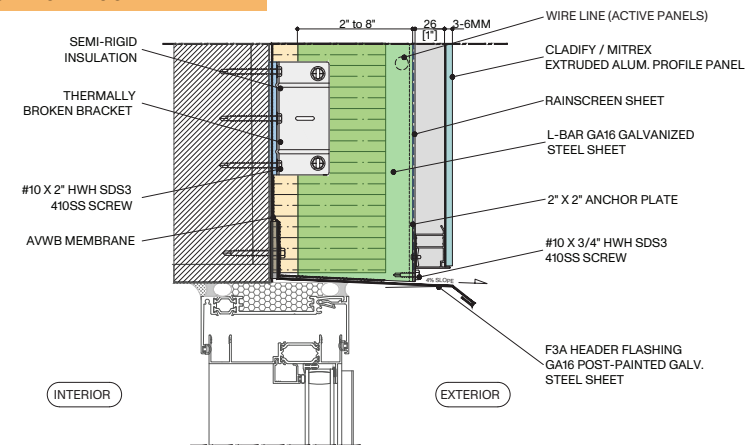


EXTRUDED ALUM. PROFILE PANEL

# WINDOW HEADER DETAIL

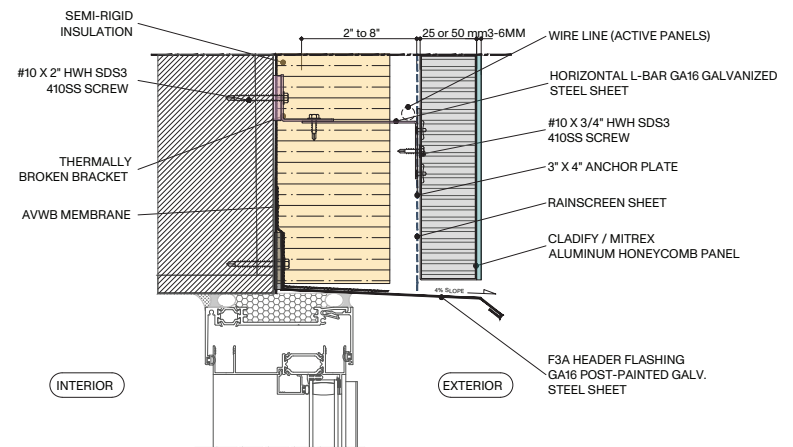


## ALUMINUM HONEYCOMB PANEL

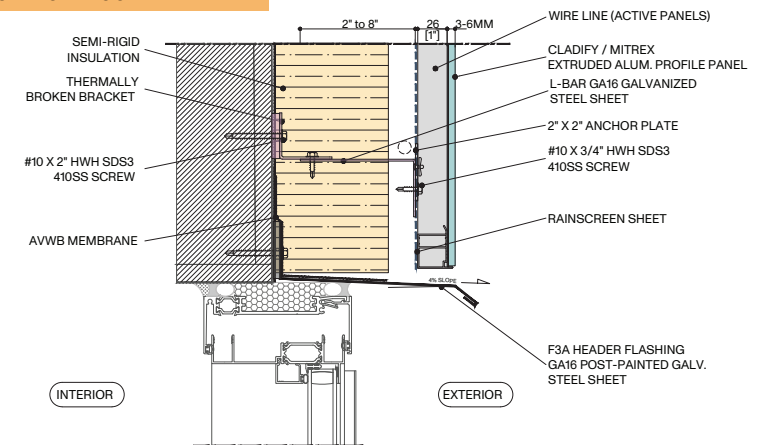


## EXTRUDED ALUM. PROFILE PANEL

METAL FLASHING  
(ANCHOR PLATE - TOP AND BOTTOM CONNECTION)



## ALUMINUM HONEYCOMB PANEL

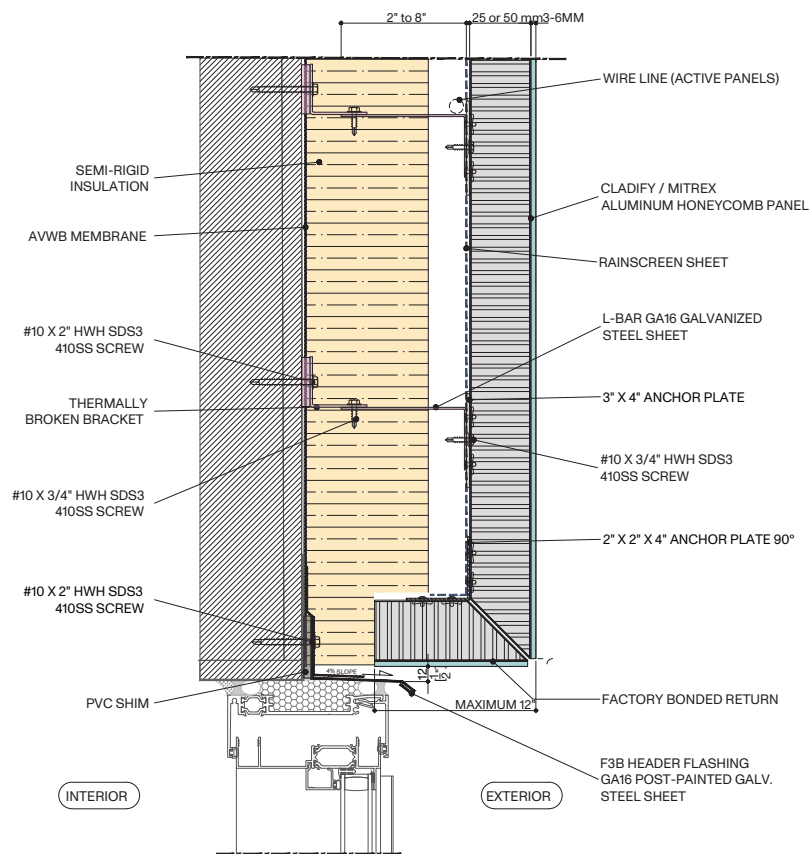


## EXTRUDED ALUM. PROFILE PANEL

METAL FLASHING  
(ANCHOR PLATE - SIDE CONNECTION)

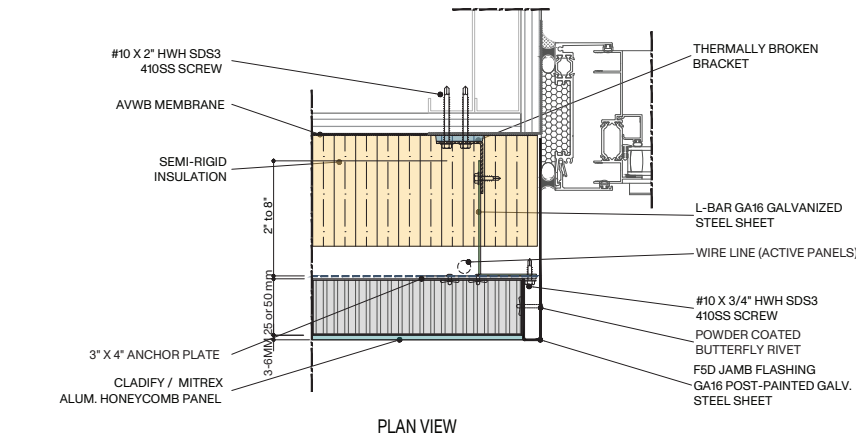
WINDOW HEADER DETAIL

C-2

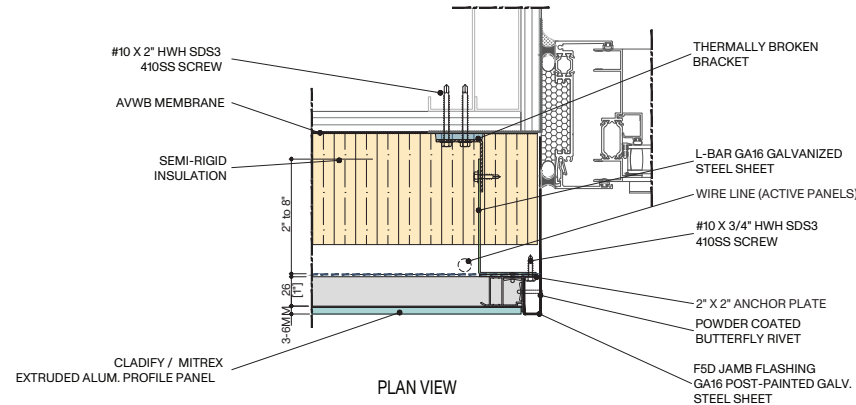


ALUMINUM HONEYCOMB PANEL  
PRE-ASSEMBLED RETURN PANEL  
(ANCHOR PLATE - SIDE CONNECTION)

WINDOW JAMB DETAIL

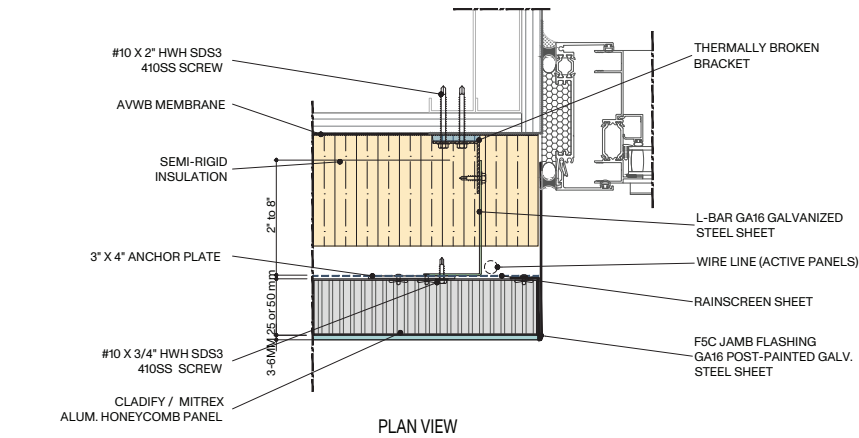


ALUMINUM HONEYCOMB PANEL

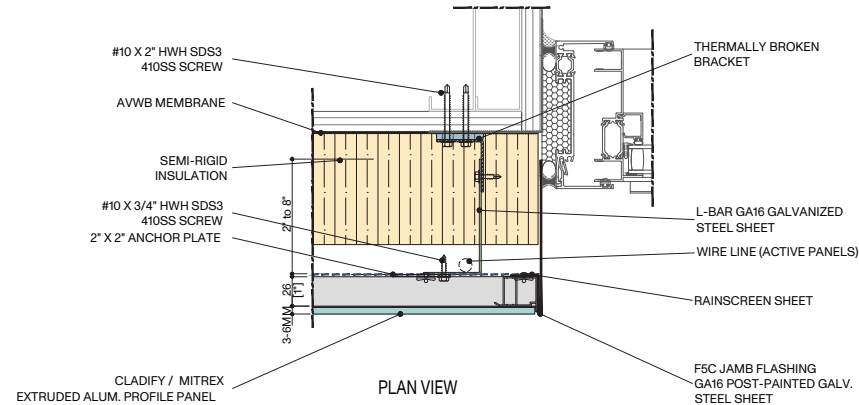


EXTRUDED ALUM. PROFILE PANEL

METAL FLASHING  
(ANCHOR PLATE - SIDE CONNECTION)



ALUMINUM HONEYCOMB PANEL

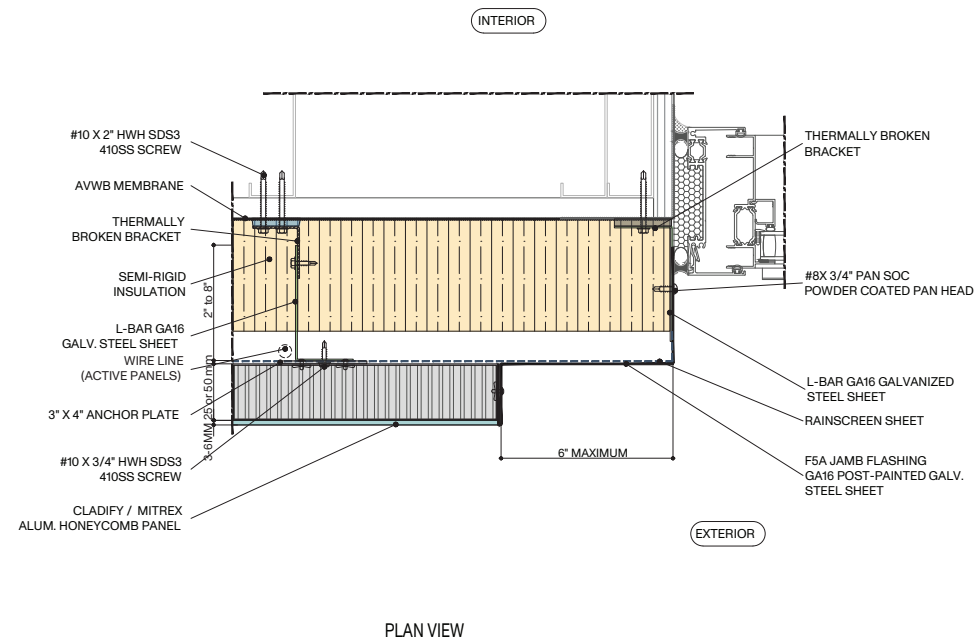


EXTRUDED ALUM. PROFILE PANEL

METAL FLASHING  
(ANCHOR PLATE - TOP AND BOTTOM CONNECTION)

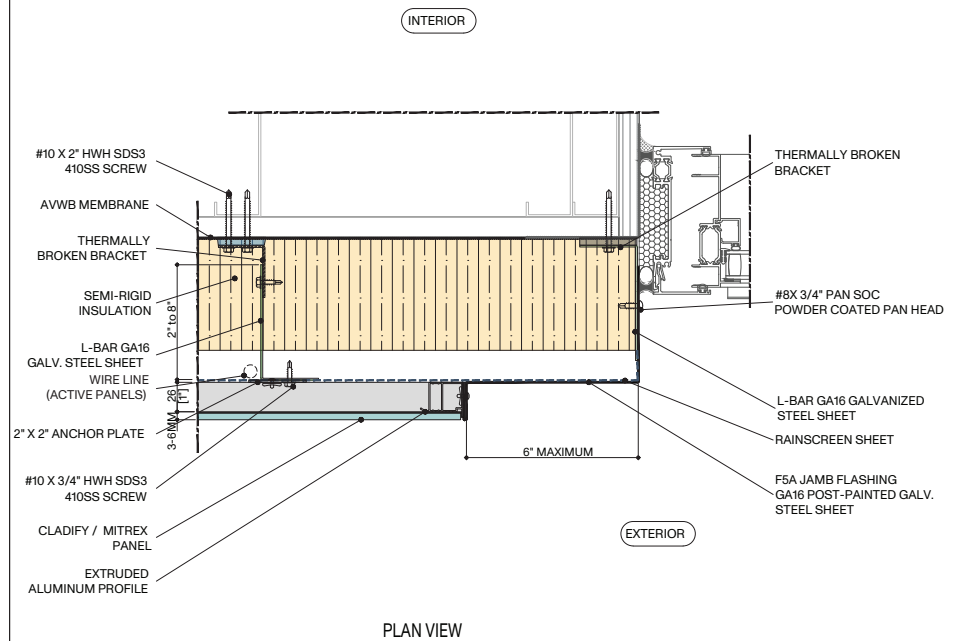
WINDOW JAMB DETAIL

D-2



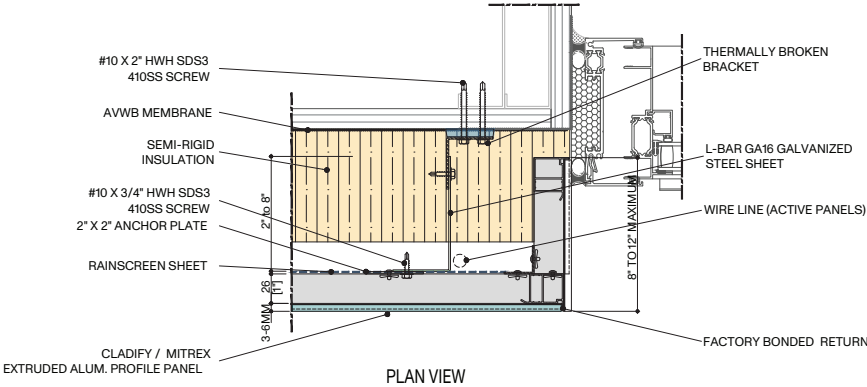
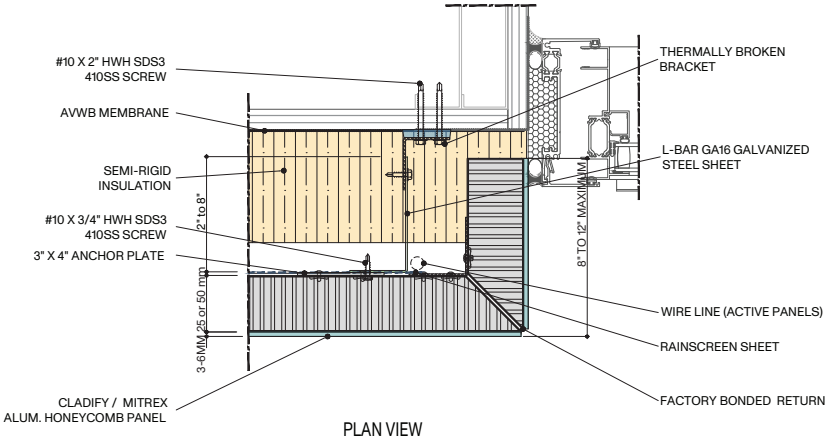
ALUMINUM HONEYCOMB PANEL

METAL FLASHING  
(ANCHOR PLATE - SIDE CONNECTION)



EXTRUDED ALUM. PROFILE PANEL

WINDOW JAMB DETAIL

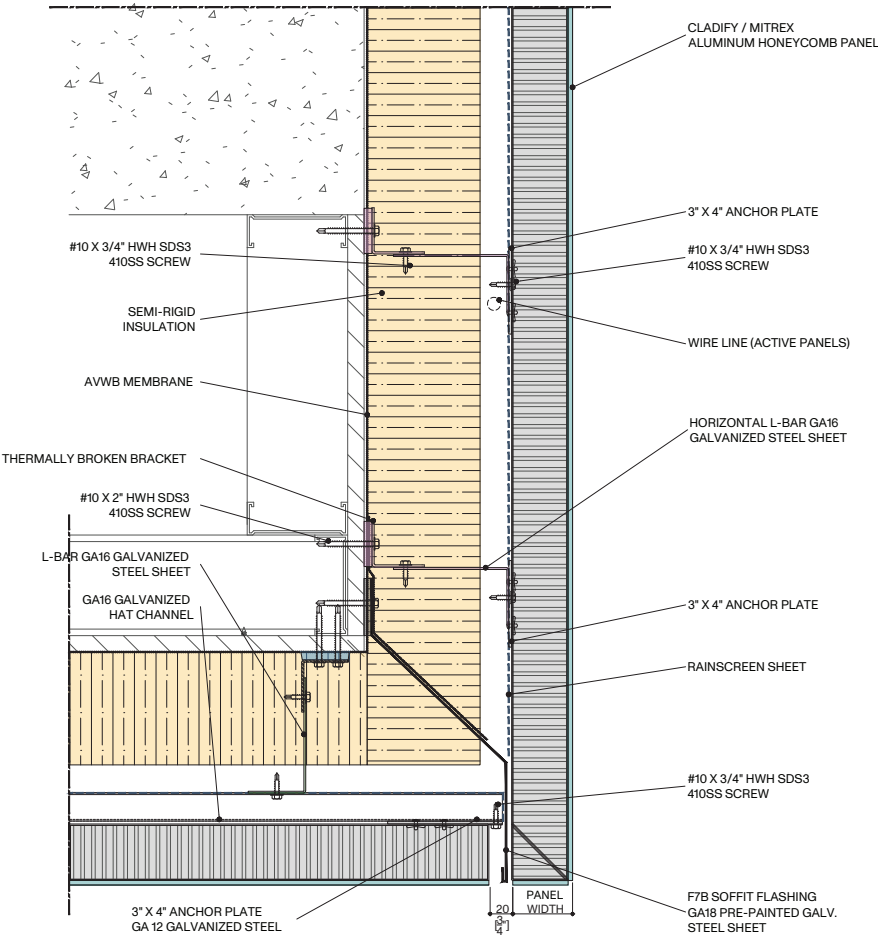


ALUMINUM HONEYCOMB PANEL

EXTRUDED ALUM. PROFILE PANEL

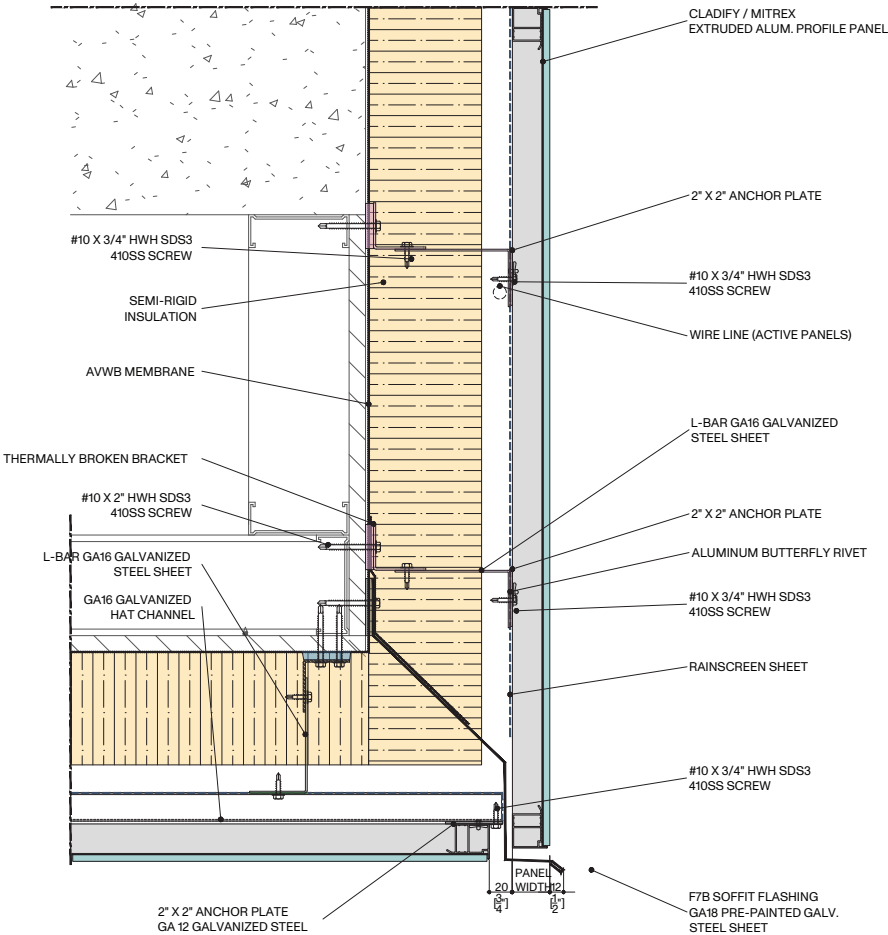
PRE-ASSEMBLED RETURN PANEL

SOFFIT EDGE DETAIL



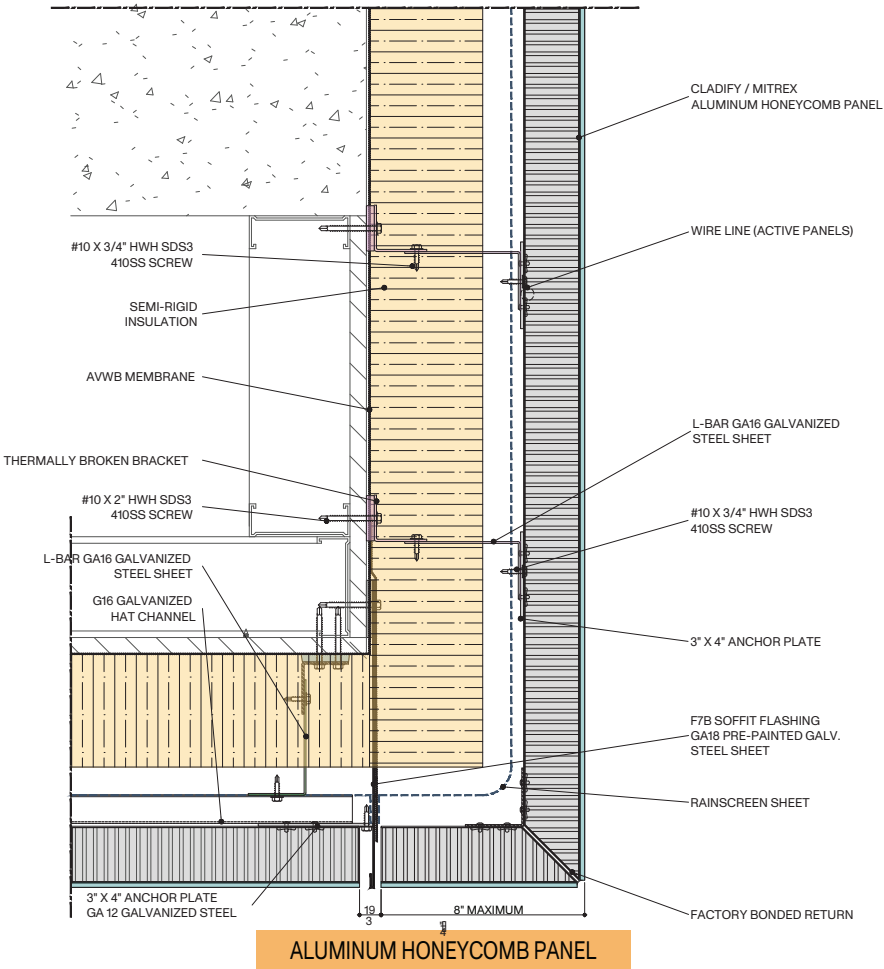
ALUMINUM HONEYCOMB PANEL

SOFFIT EDGE METAL FLASHING



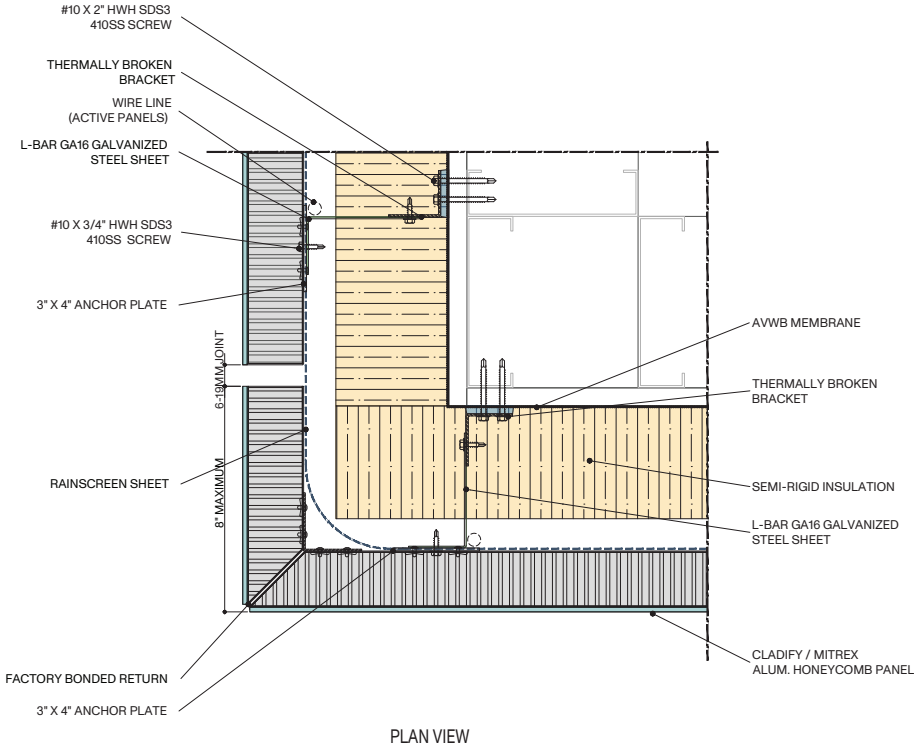
EXTRUDED ALUM. PROFILE PANEL

SOFFIT EDGE DETAIL



PRE-ASSEMBLED SOFFIT RETURN

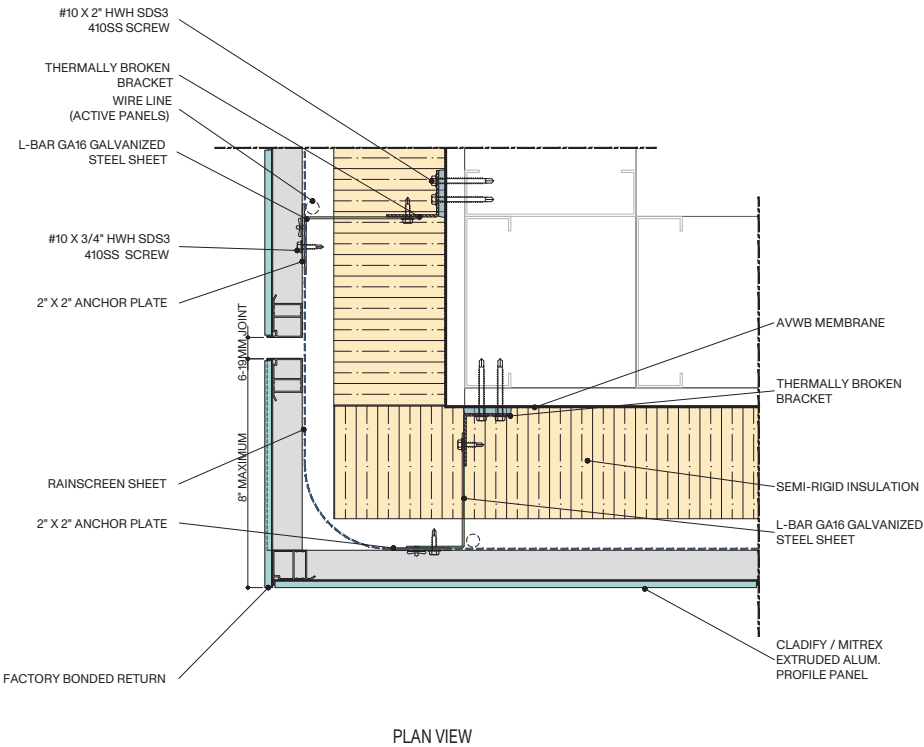
CORNER DETAIL



ALUMINUM HONEYCOMB PANEL

PANEL RETURN  
(ANCHOR PLATE - TOP AND BOTTOM CONNECTION)

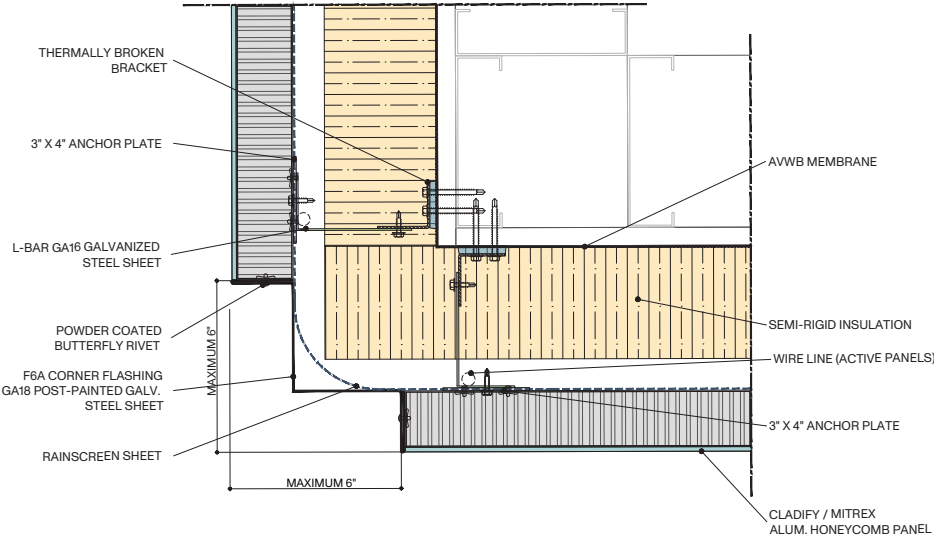
G-1



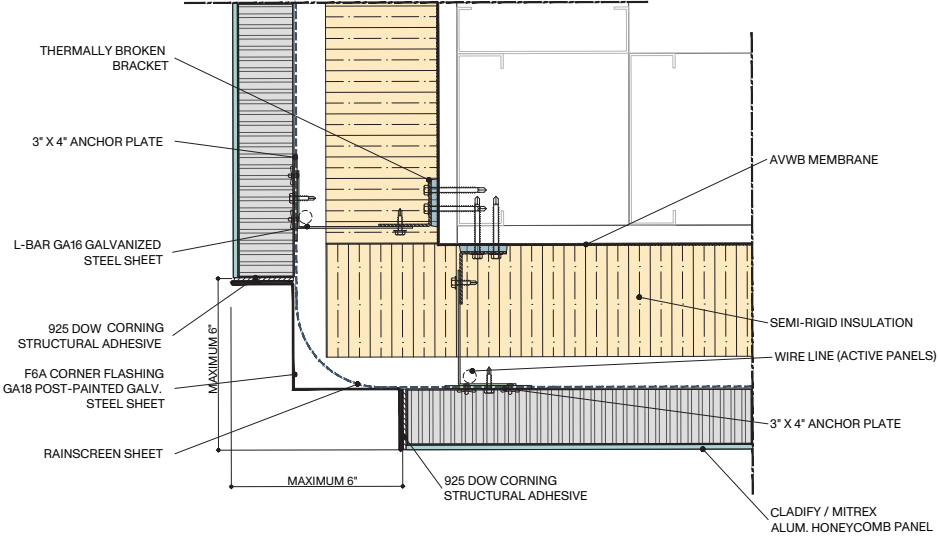
EXTRUDED ALUM. PROFILE PANEL

CORNER DETAIL

G-2



PLAN VIEW (OPTION 1)



PLAN VIEW (OPTION 2)

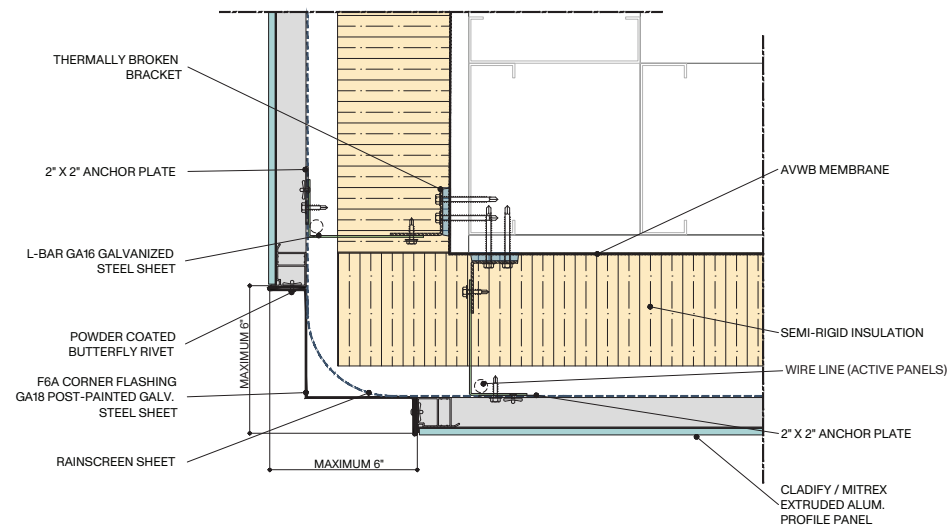
ALUMINUM HONEYCOMB PANEL

METAL FLASHING  
(ANCHOR PLATE - TOP AND BOTTOM CONNECTION)

ALUMINUM HONEYCOMB PANEL

CORNER DETAIL

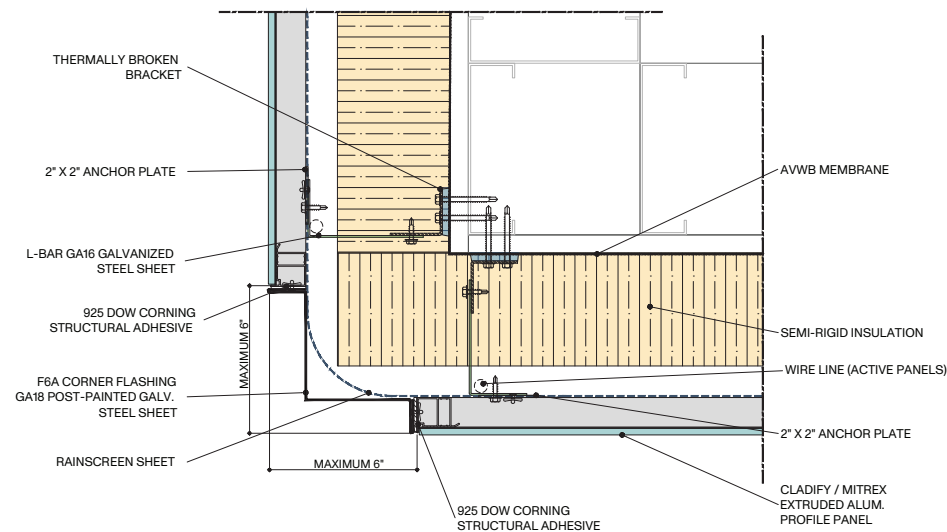
G-3



PLAN VIEW (OPTION 1)

EXTRUDED ALUM. PROFILE PANEL

METAL FLASHING  
(ANCHOR PLATE - TOP AND BOTTOM CONNECTION)

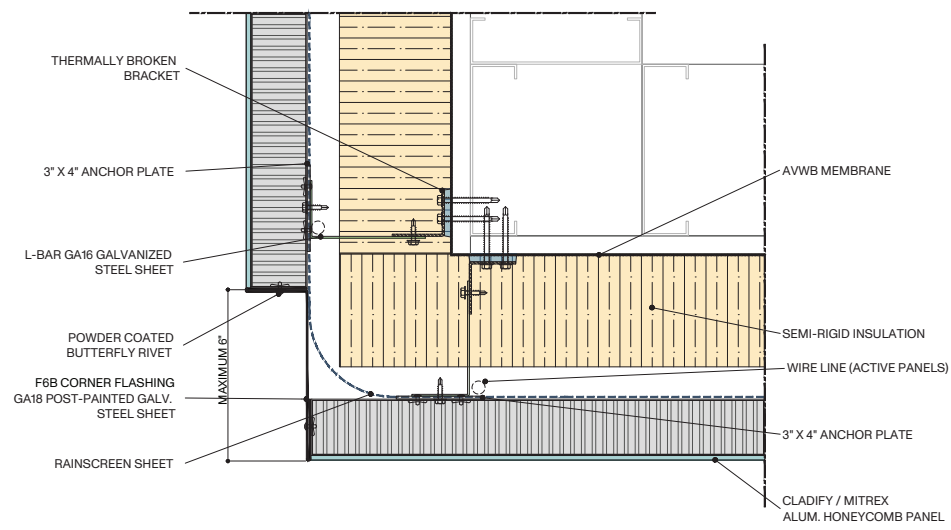


PLAN VIEW (OPTION 2)

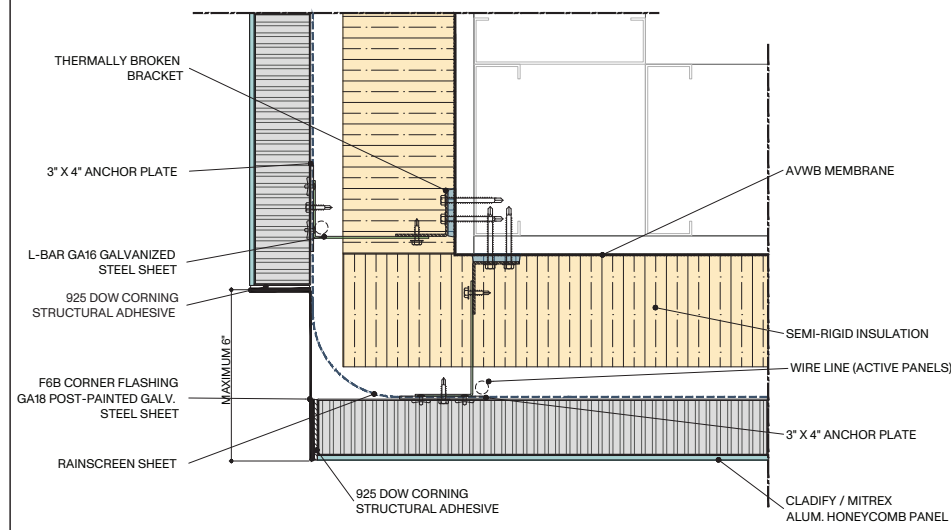
EXTRUDED ALUM. PROFILE PANEL

CORNER DETAIL

G-4



PLAN VIEW (OPTION 1)



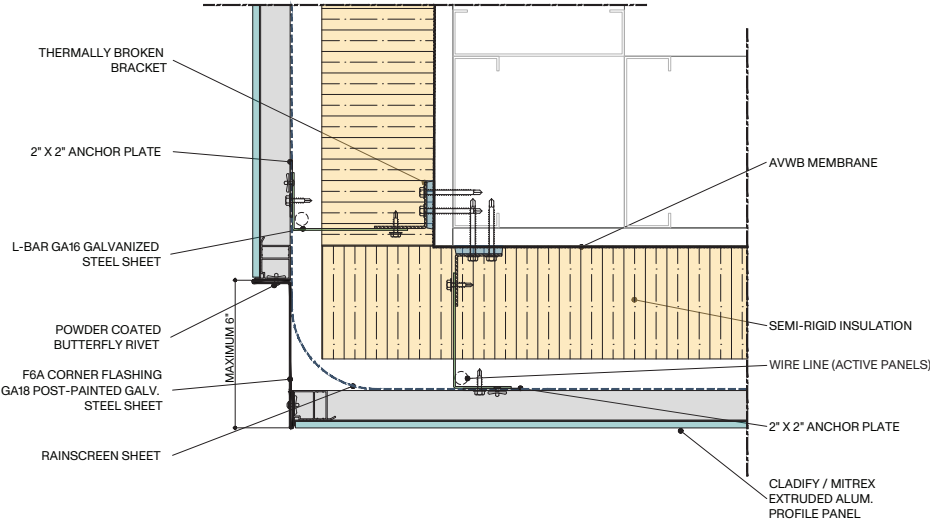
PLAN VIEW (OPTION 2)

ALUMINUM HONEYCOMB PANEL

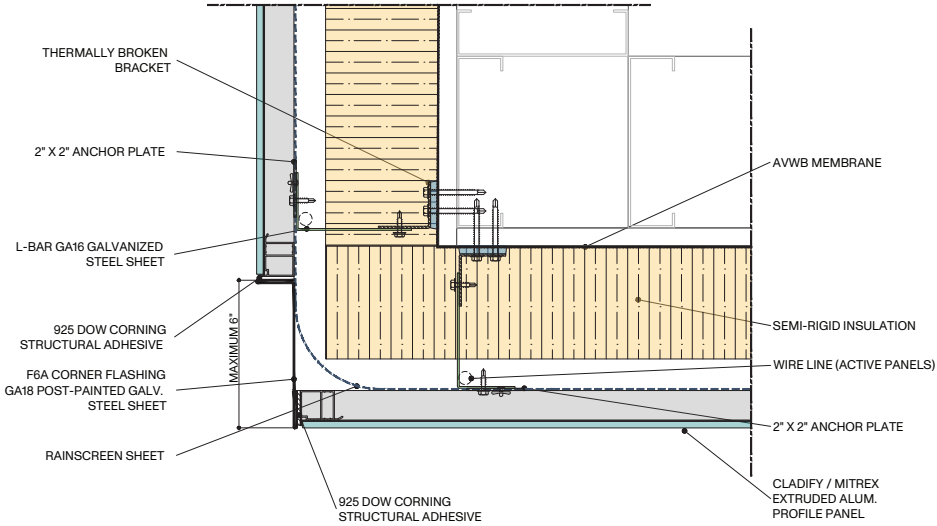
METAL FLASHING  
(ANCHOR PLATE - TOP AND BOTTOM CONNECTION)

CORNER DETAIL

G-5



PLAN VIEW (OPTION 1)



PLAN VIEW (OPTION 2)

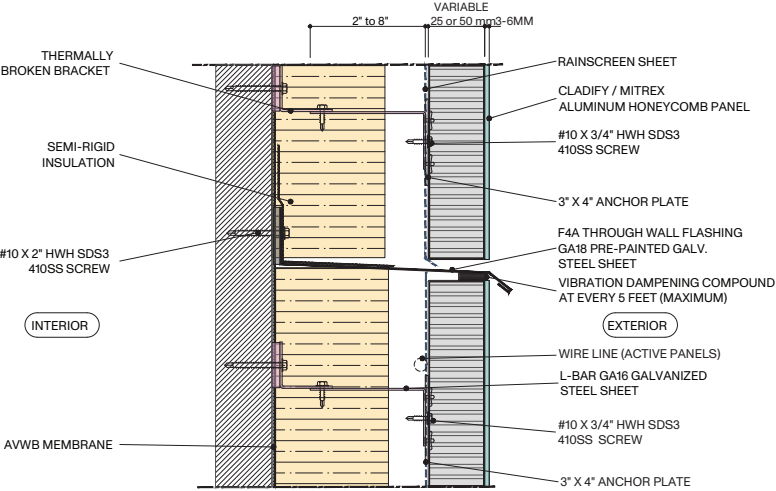
EXTRUDED ALUM. PROFILE PANEL

METAL FLASHING  
(ANCHOR PLATE - TOP AND BOTTOM CONNECTION)

EXTRUDED ALUM. PROFILE PANEL

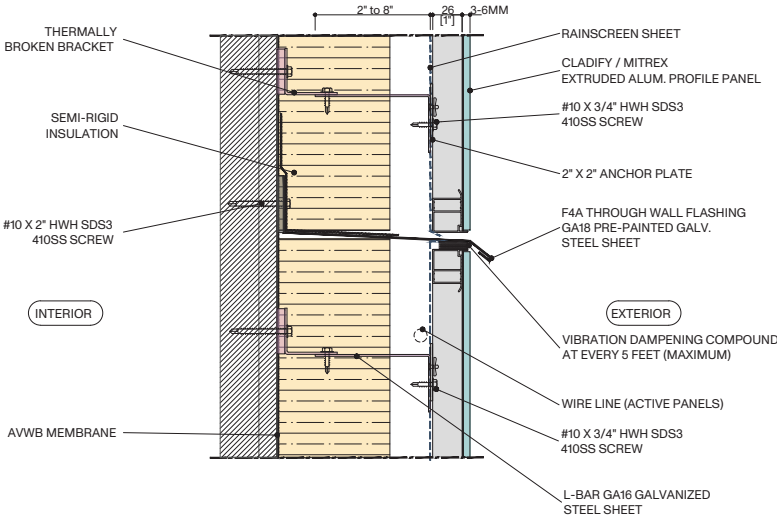
THROUGH WALL DETAIL

H-1



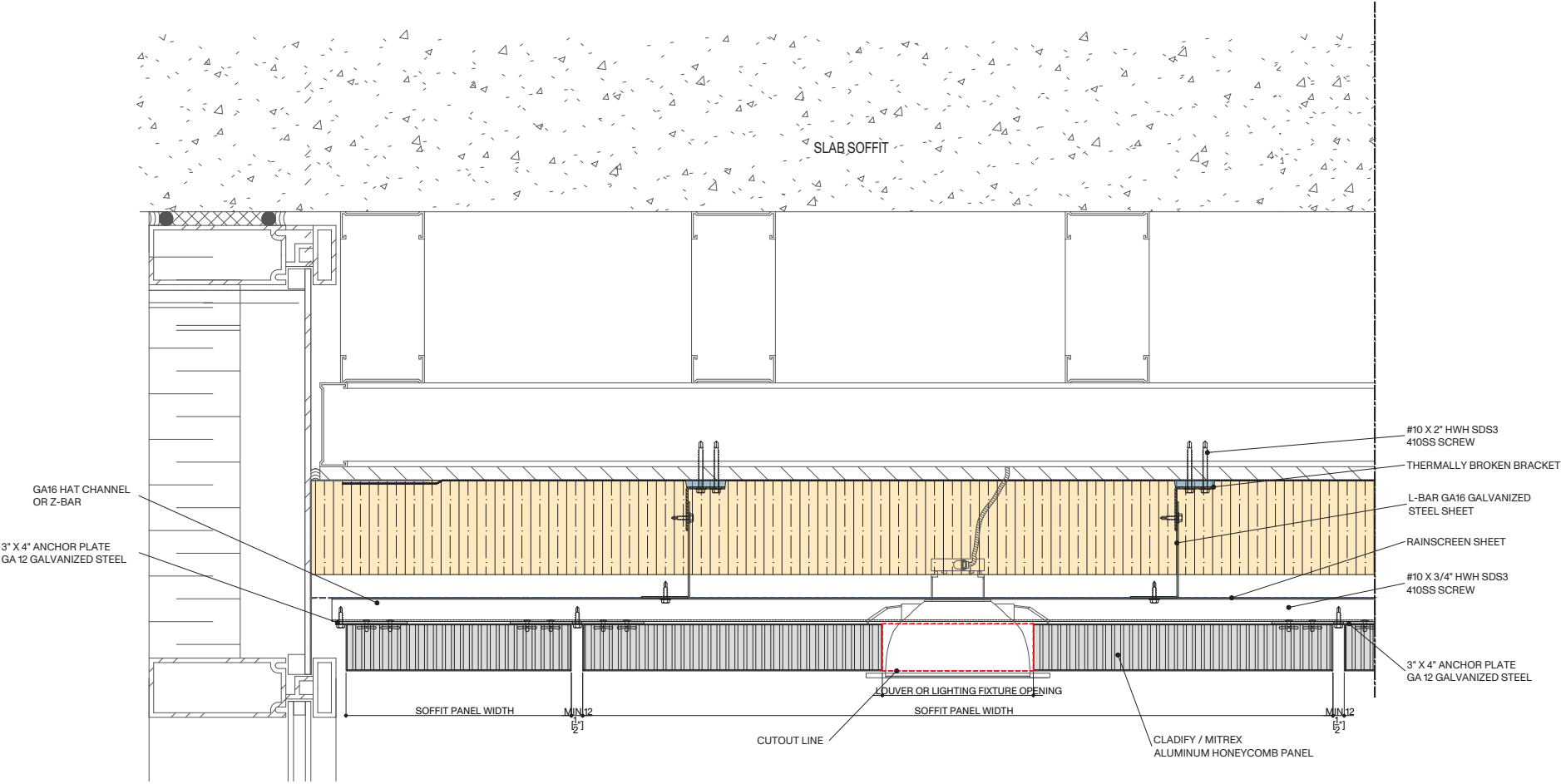
ALUMINUM HONEYCOMB PANEL

METAL FLASHING  
(ANCHOR PLATE - SIDE CONNECTION)



EXTRUDED ALUM. PROFILE PANEL

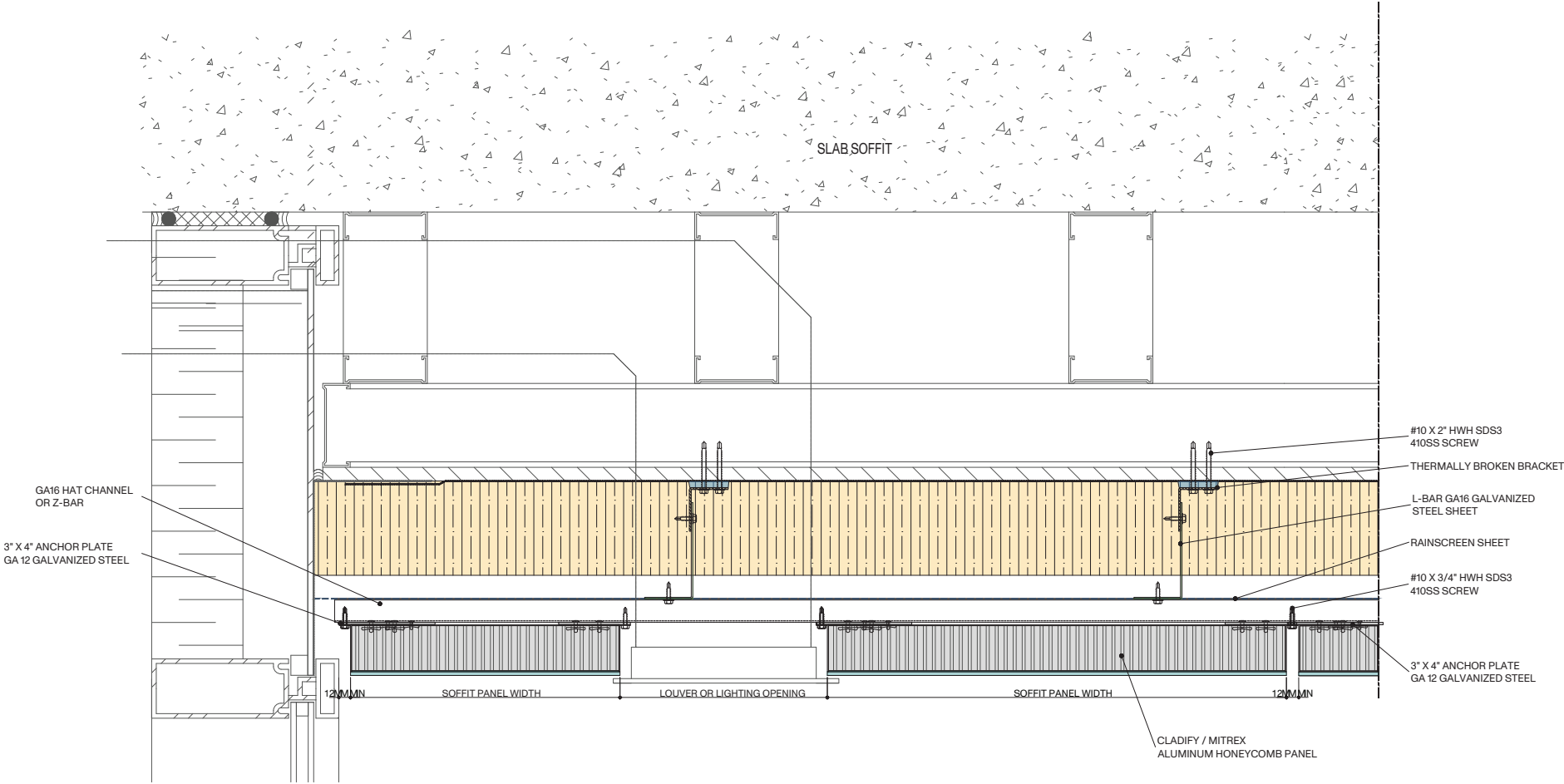
BUILDING SYSTEM INTERFACE



ALUMINUM HONEYCOMB PANEL

SOFFIT PANEL CUTOUT

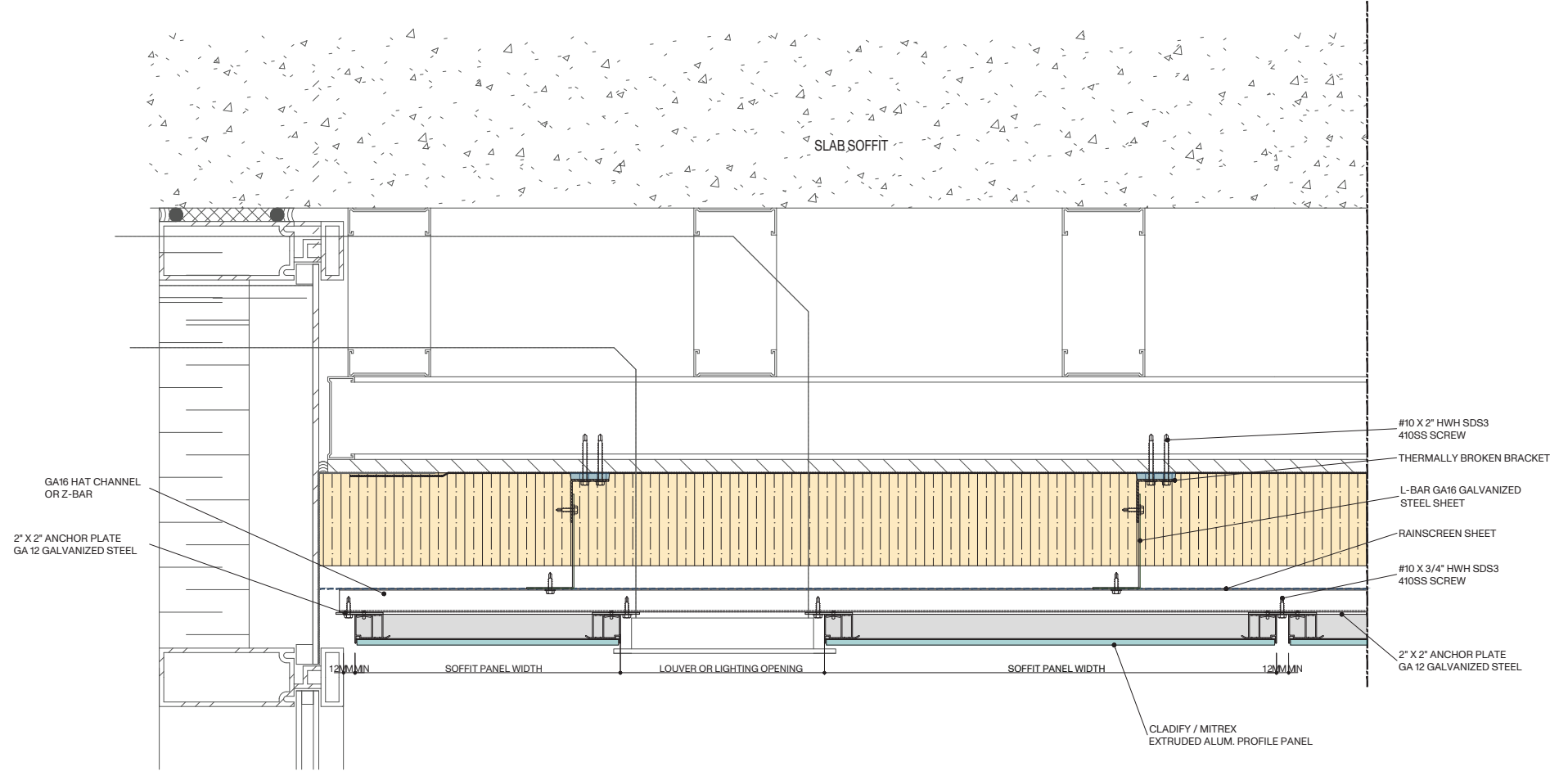
BUILDING SYSTEM INTERFACE



ALUMINUM HONEYCOMB PANEL

IN BETWEEN PANELS

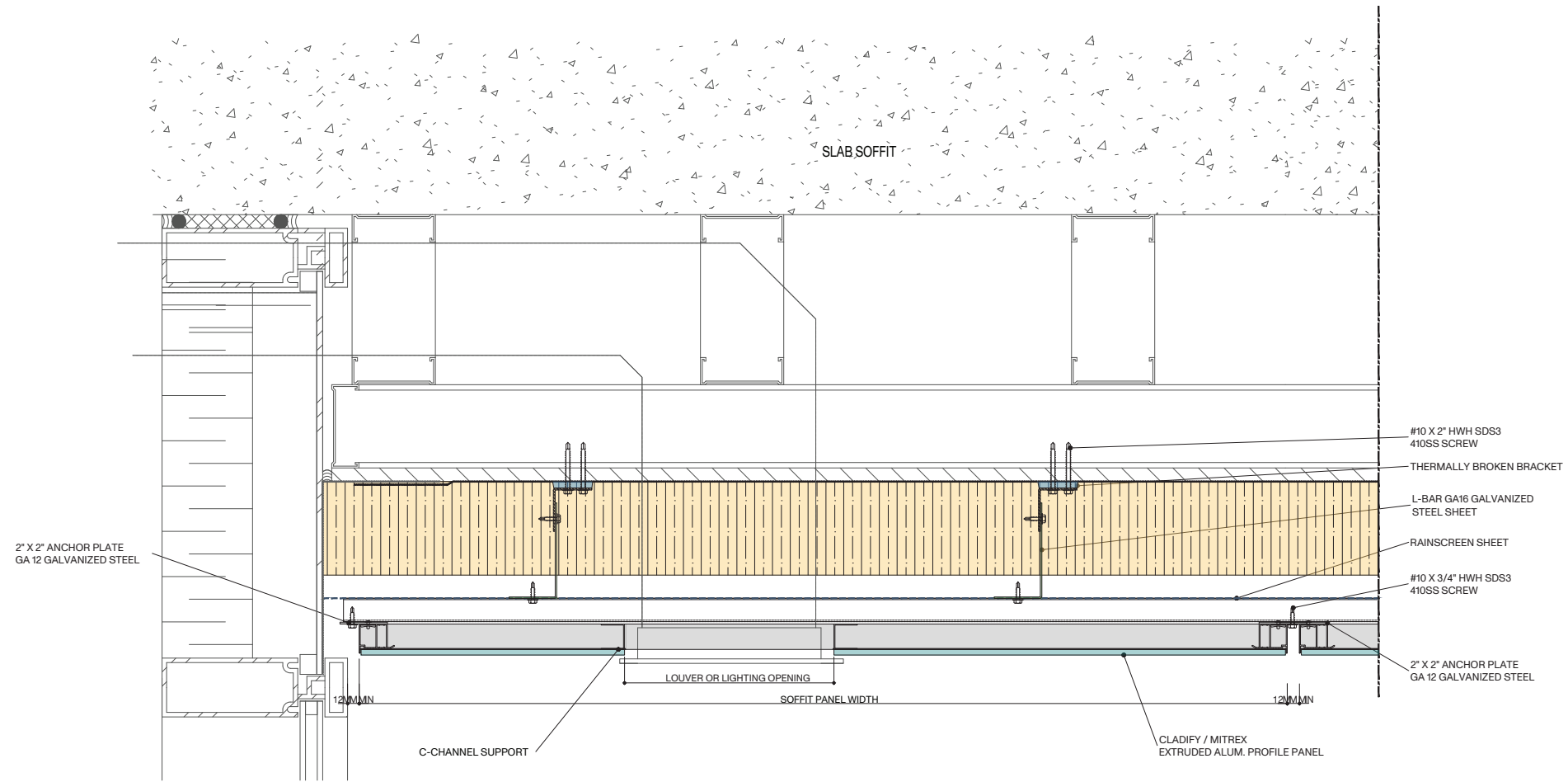
BUILDING SYSTEM INTERFACE



EXTRUDED ALUM. PROFILE PANEL

IN BETWEEN PANELS

BUILDING SYSTEM INTERFACE



EXTRUDED ALUM. PROFILE PANEL

THROUGH THE PANEL

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