



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



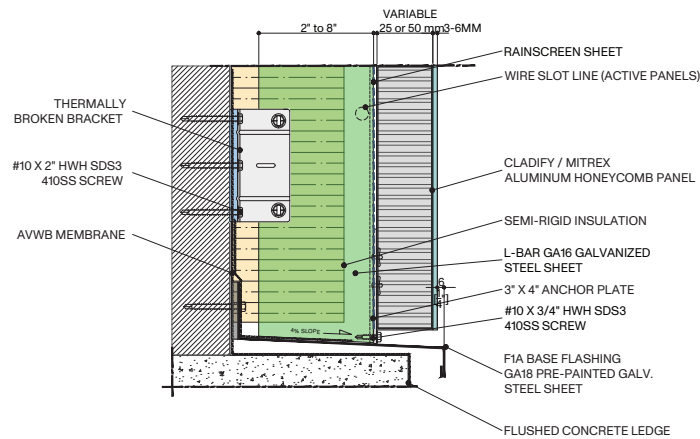
Mitrex eFacade Products Comparison

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.

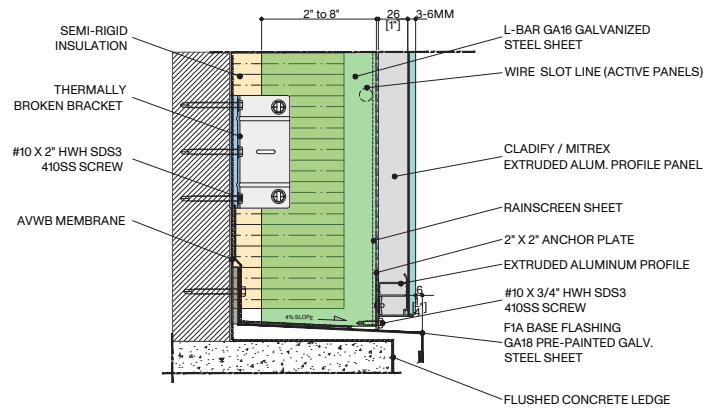
The table below provides a detailed comparison across key features such as colors and finishes, sizing options, weight, system compatibility, and testing standards. Whether you're prioritizing affordability, customization, or advanced performance, this side-by-side overview will help you identify the 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 Thickness: 0.24in (6mm)	Finish: Satin glass Thickness: 0.24in (6mm)	Finish: Super satin, satin, matte, glossy, wood grain, aqualite, and more. Thickness: 0.12-0.47in (3.2-12mm)
Sizes & Weight	2 size options: 73 × 36 in (1854 × 922 mm) 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 150 SQFT (13.9 sqm)	MOQ of 500 SQFT (46.4 sqm)	MOQ of 5,000 SQFT (464.5 sqm)
	3rd party tested	3rd party tested	3rd party tested
Testing	Code-compliant & safety tested	Code-compliant & safety tested	Code-compliant & safety tested
	Fire tested	Fire tested	Fire tested

PANEL BASE DETAIL

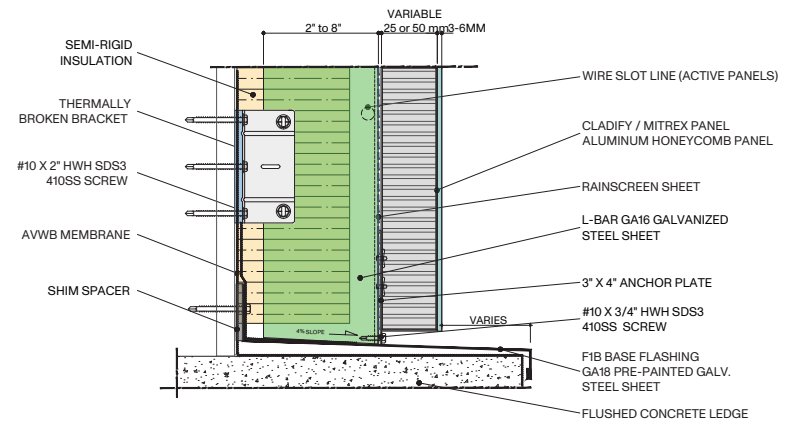


ALUMINUM HONEYCOMB PANEL

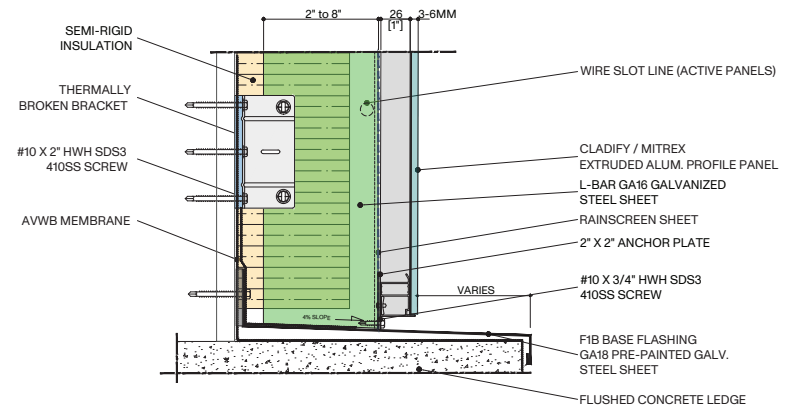


EXTRUDED ALUM. PROFILE PANEL

EXPOSED PANEL
(ANCHOR PLATE - TOP AND BOTTOM CONNECTION)



ALUMINUM HONEYCOMB PANEL

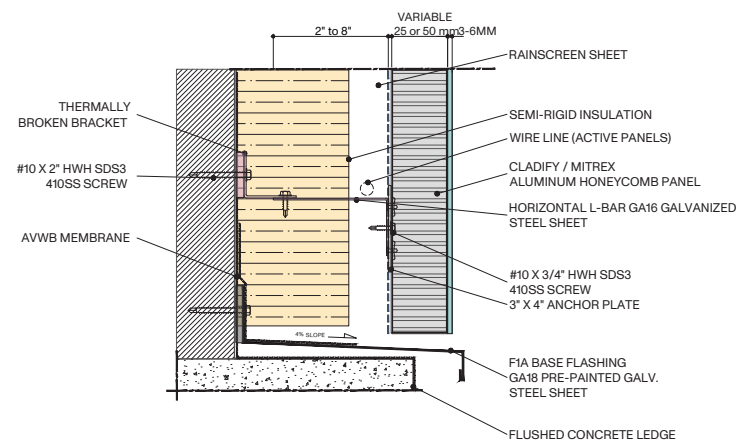


EXTRUDED ALUM. PROFILE PANEL

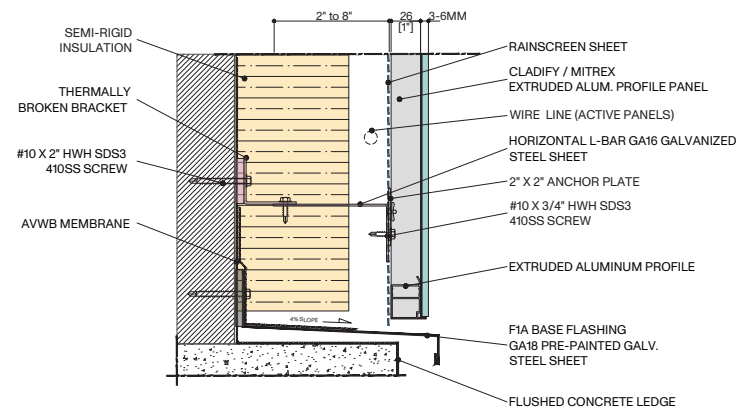
RECESSED PANEL
(ANCHOR PLATE - TOP AND BOTTOM CONNECTION)

A-1

PANEL BASE DETAIL

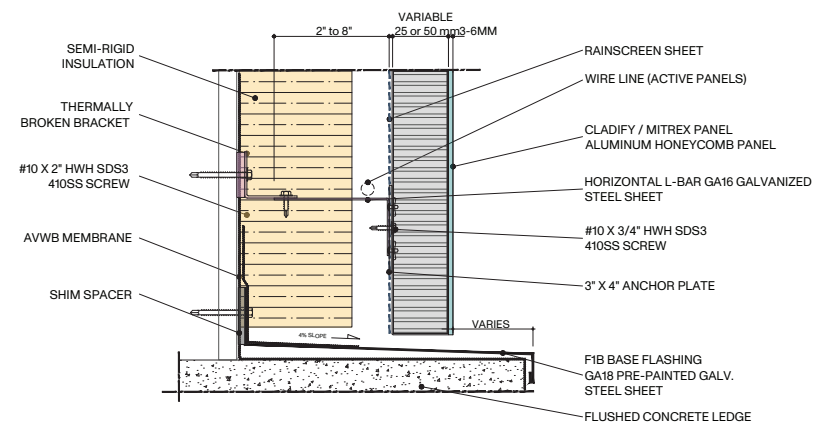


ALUMINUM HONEYCOMB PANEL

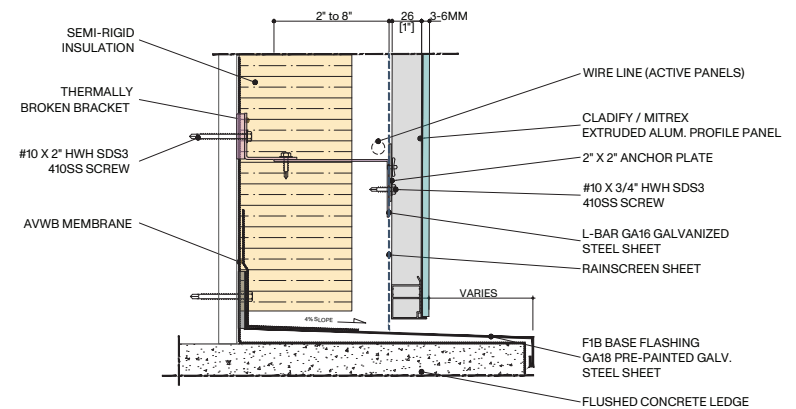


EXTRUDED ALUM. PROFILE PANEL

EXPOSED PANEL
(ANCHOR PLATE - SIDE CONNECTION)



ALUMINUM HONEYCOMB PANEL

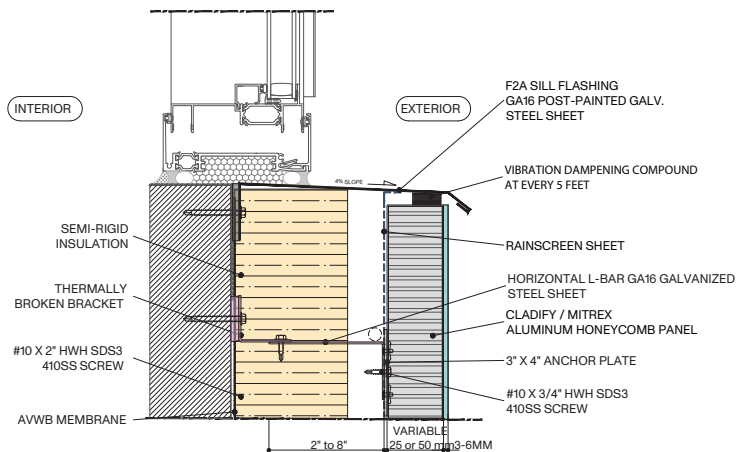


EXTRUDED ALUM. PROFILE PANEL

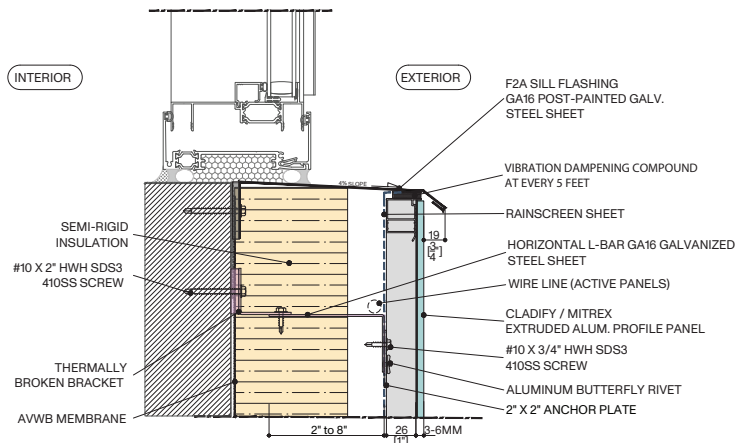
RECESSED PANEL
(ANCHOR PLATE - SIDE CONNECTION)

WINDOW SILL DETAIL

B-1

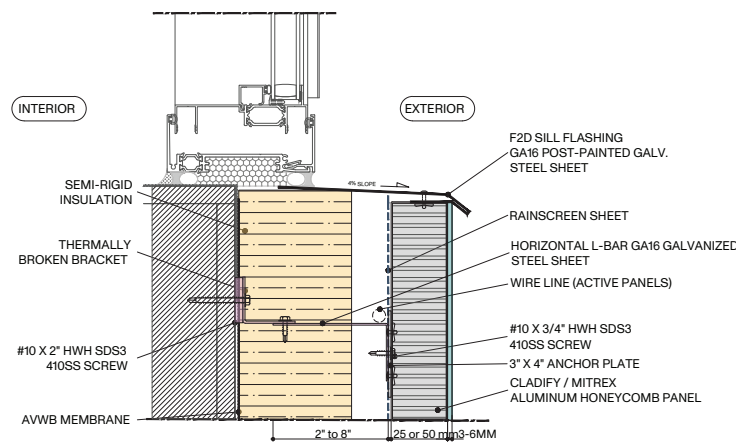


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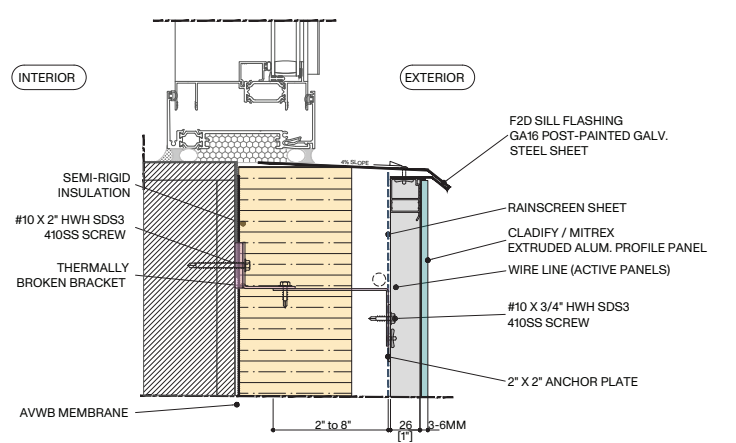


EXTRUDED ALUM. PROFILE PANEL

METAL FLASHING
(ANCHOR PLATE - SIDE CONNECTION)

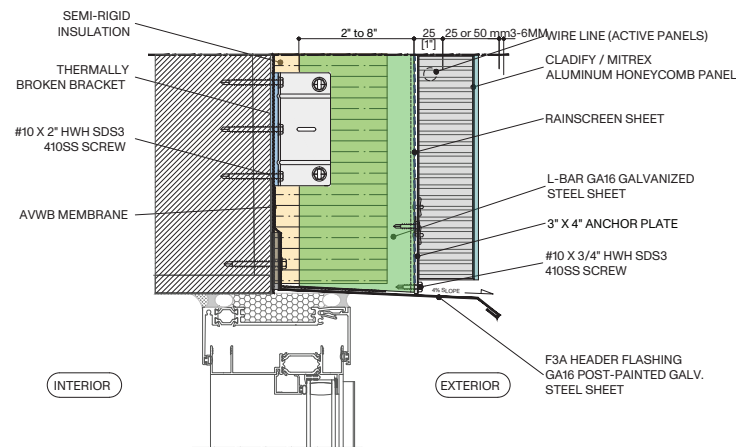


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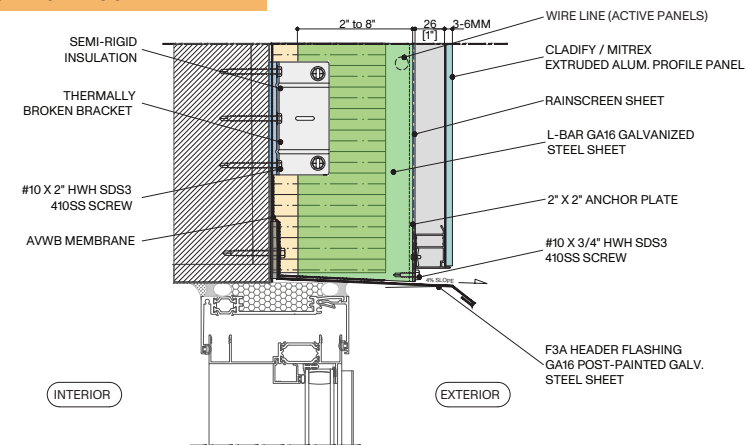


EXTRUDED ALUM. PROFILE PANEL

WINDOW HEADER DETAIL

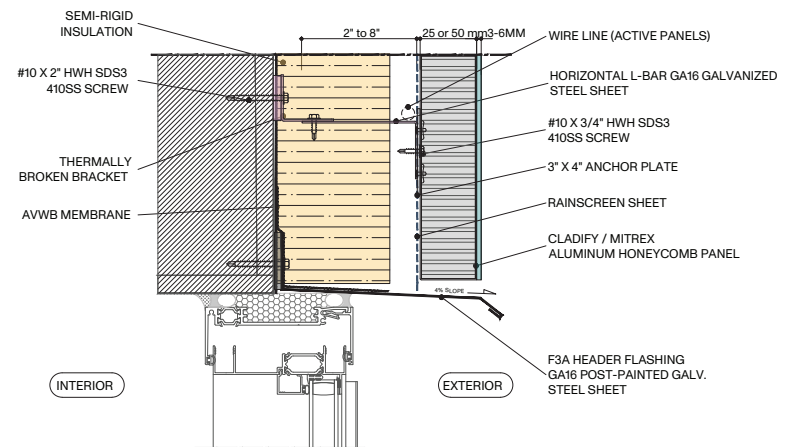


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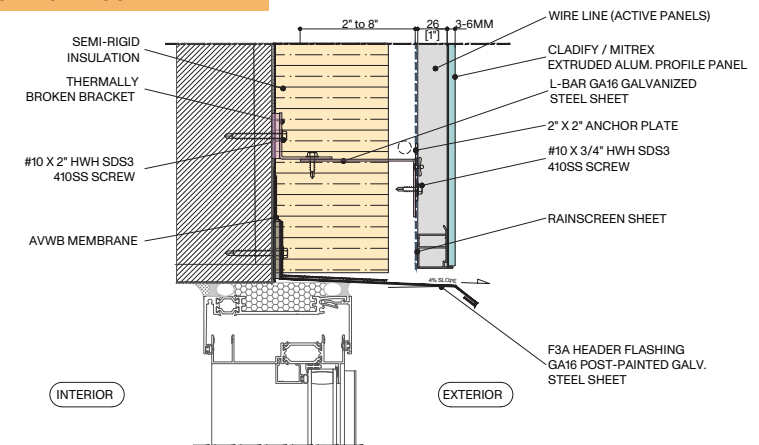


EXTRUDED ALUM. PROFILE PANEL

METAL FLASHING
(ANCHOR PLATE - TOP AND BOTTOM CONNECTION)



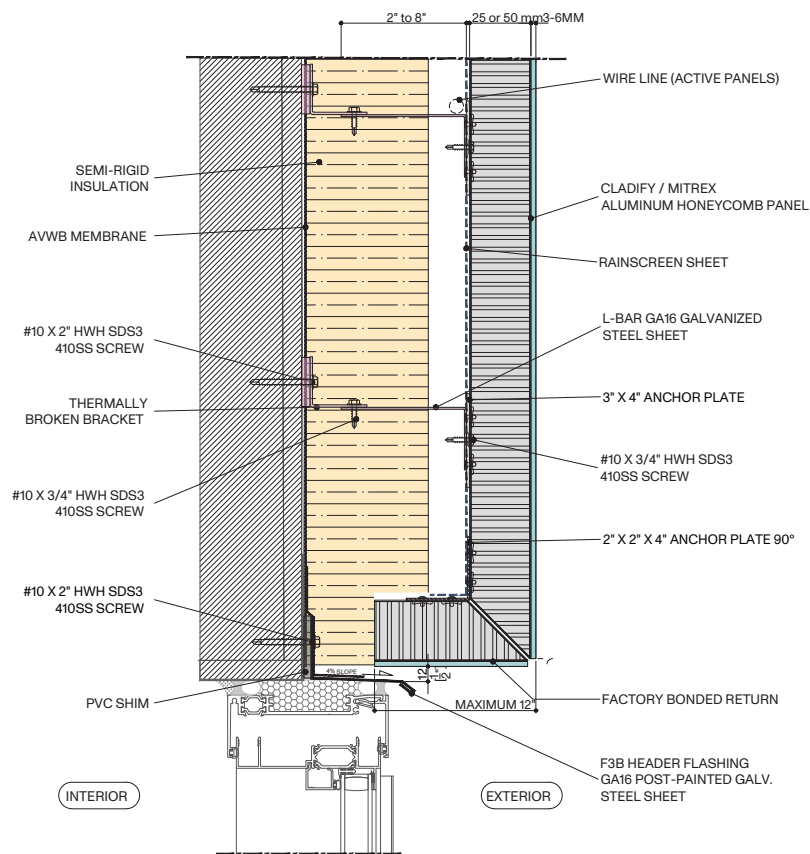
ALUMINUM HONEYCOMB PANEL



EXTRUDED ALUM. PROFILE PANEL

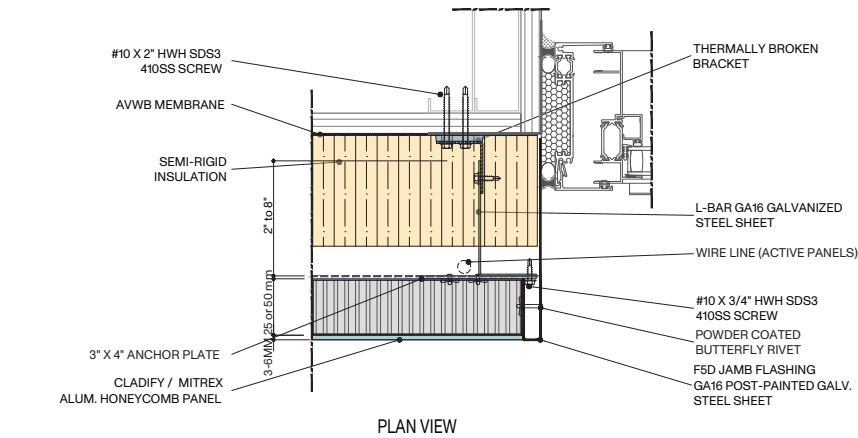
METAL FLASHING
(ANCHOR PLATE - SIDE CONNECTION)

WINDOW HEADER DETAIL

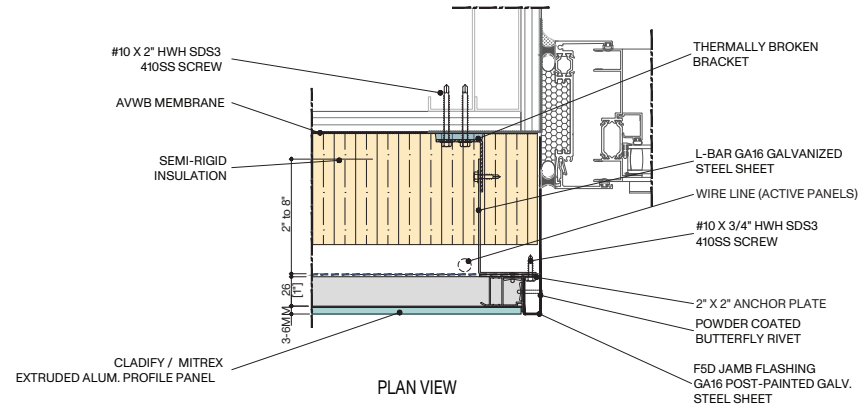


ALUMINUM HONEYCOMB PANEL
PRE-ASSEMBLED RETURN PANEL
(ANCHOR PLATE - SIDE CONNECTION)

WINDOW JAMB DETAIL

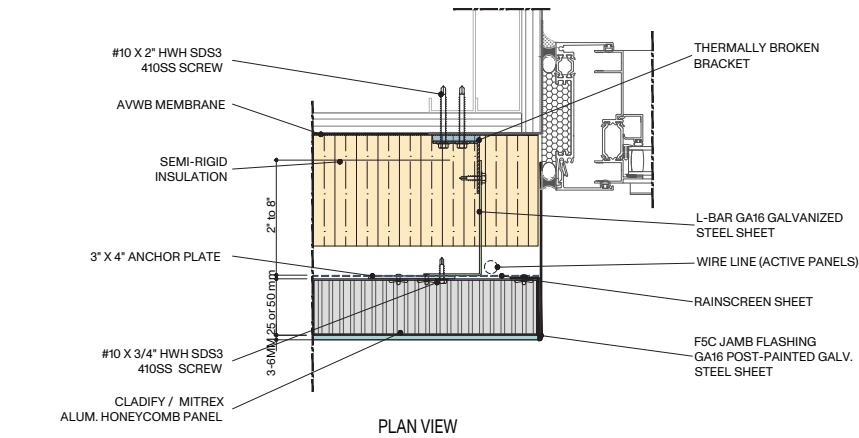


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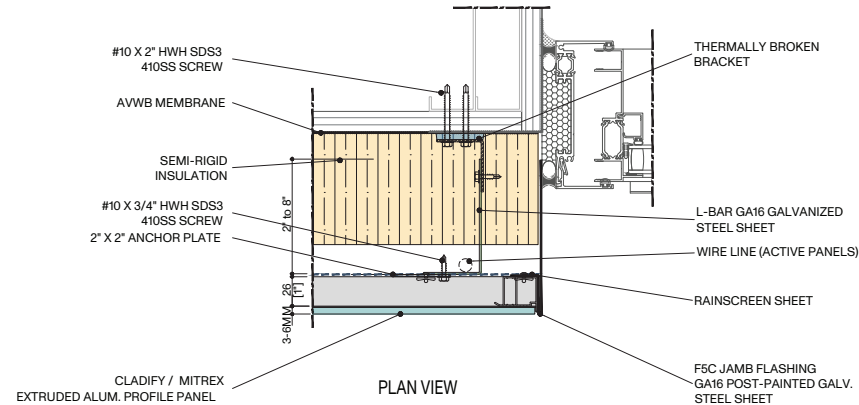


EXTRUDED ALUM. PROFILE PANEL

METAL FLASHING
(ANCHOR PLATE - SIDE CONNECTION)



ALUMINUM HONEYCOMB PANEL



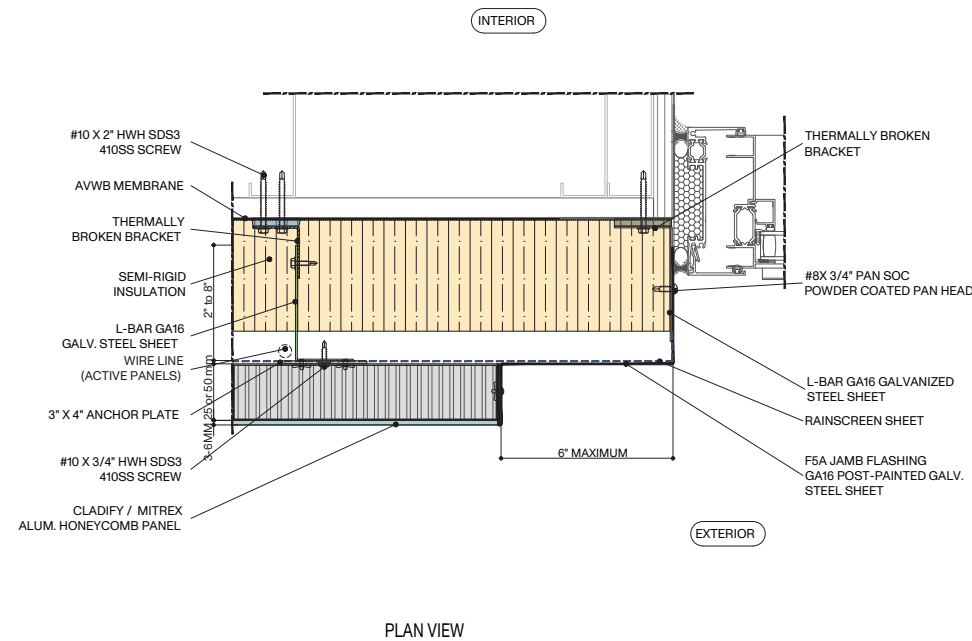
EXTRUDED ALUM. PROFILE PANEL

METAL FLASHING
(ANCHOR PLATE - TOP AND BOTTOM CONNECTION)

D-1

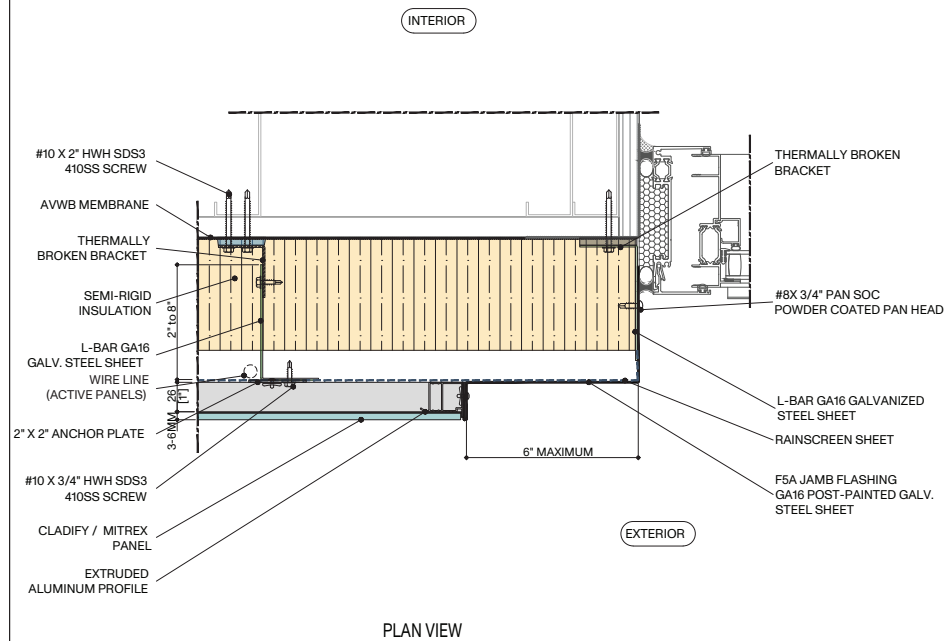
WINDOW JAMB DETAIL

D-2



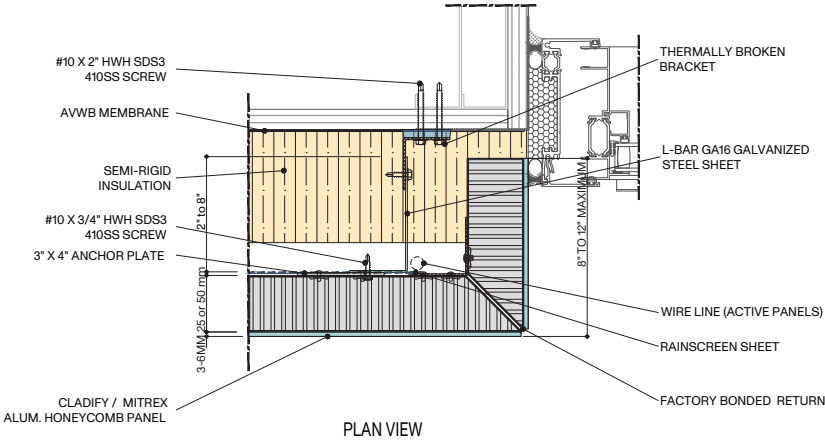
ALUMINUM HONEYCOMB PANEL

METAL FLASHING
(ANCHOR PLATE - SIDE CONNECTION)

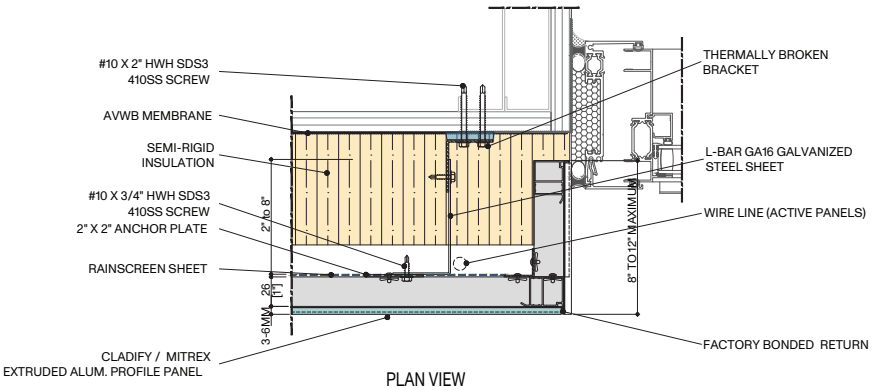


EXTRUDED ALUM. PROFILE PANEL

WINDOW JAMB DETAIL



ALUMINUM HONEYCOMB PANEL

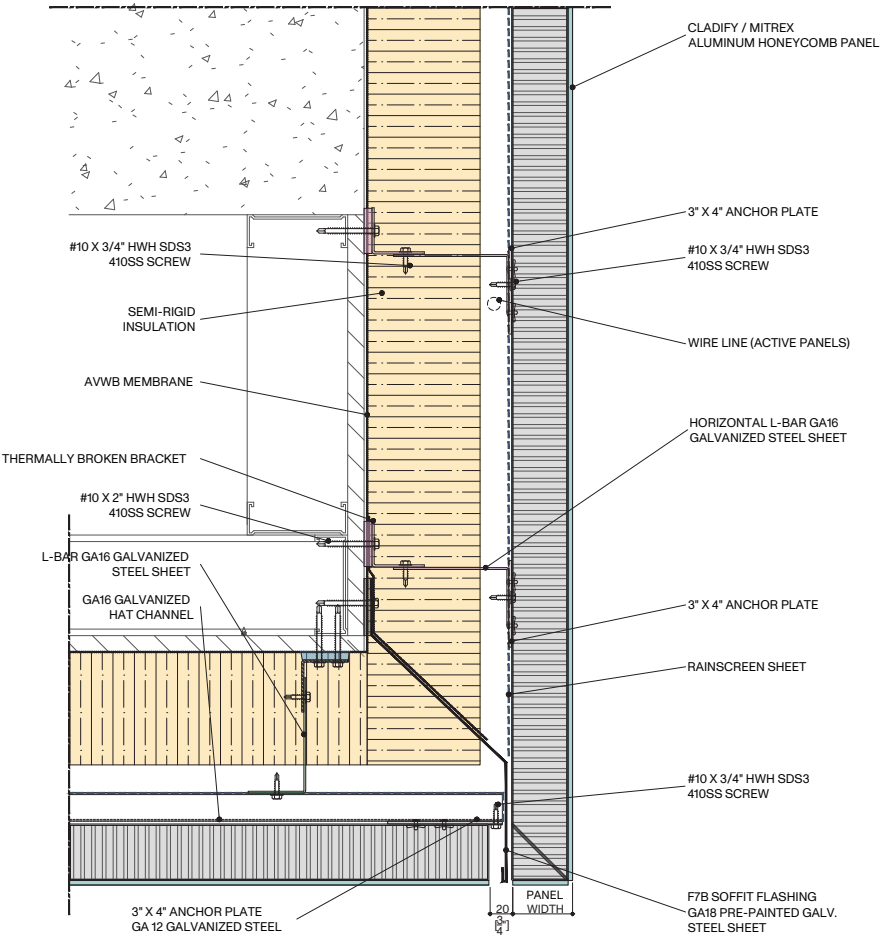


EXTRUDED ALUM. PROFILE PANEL

D-3

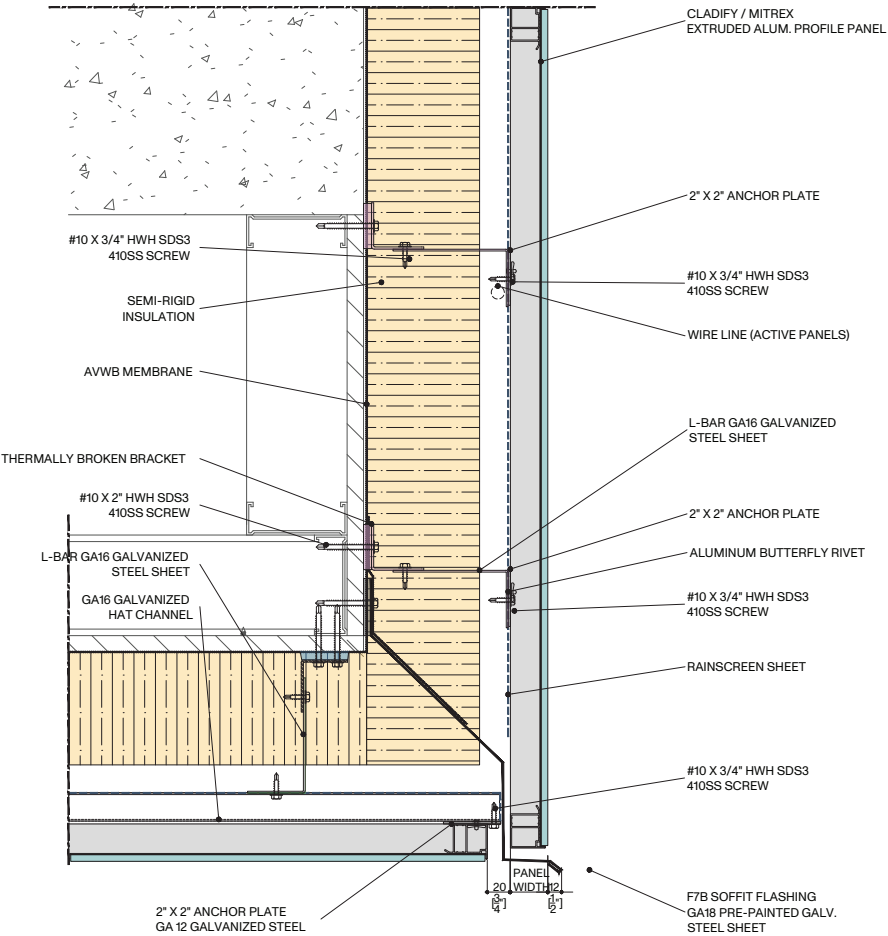
PRE-ASSEMBLED RETURN PANEL

SOFFIT EDGE DETAIL



ALUMINUM HONEYCOMB PANEL

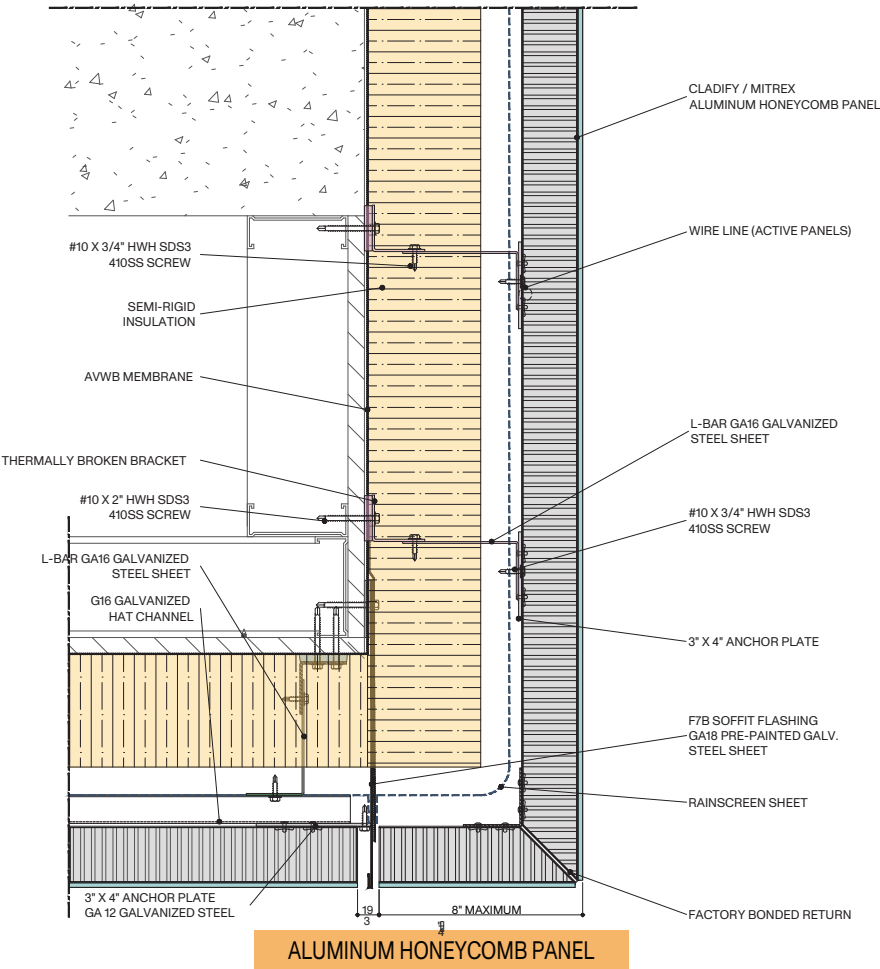
SOFFIT EDGE METAL FLASHING



EXTRUDED ALUM. PROFILE PANEL

F-1

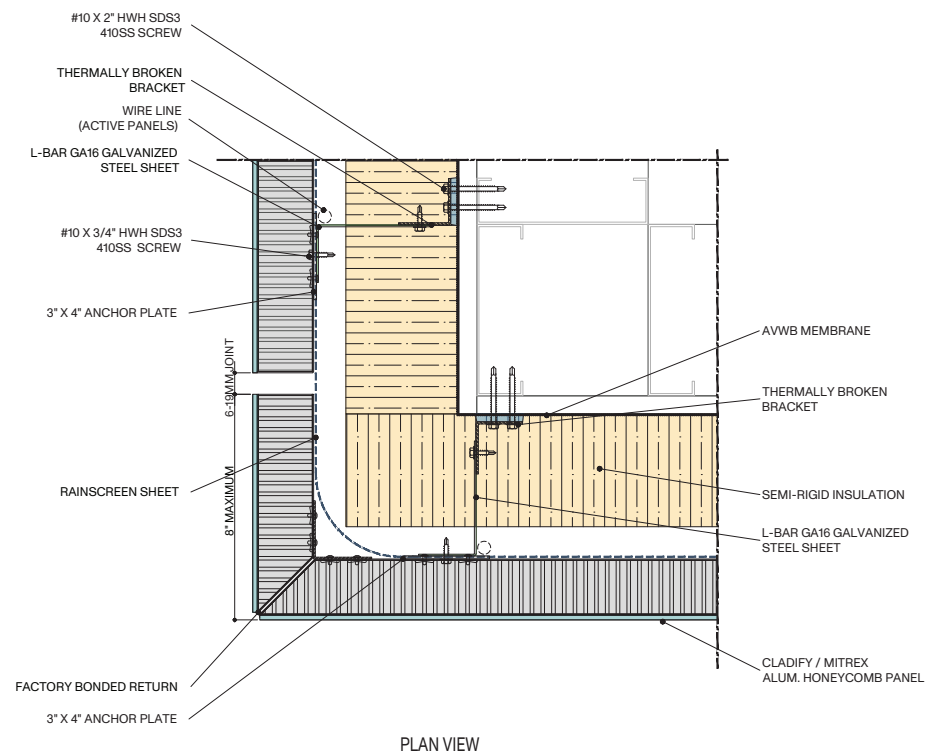
SOFFIT EDGE DETAIL



PRE-ASSEMBLED SOFFIT RETURN

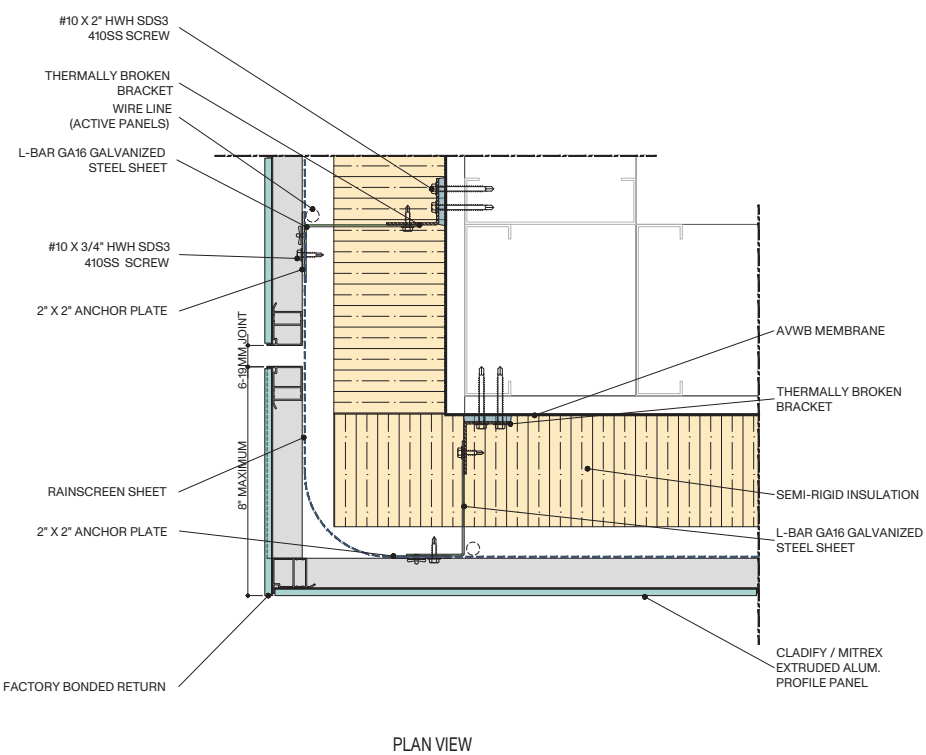
CORNER DETAIL

G-1



ALUMINUM HONEYCOMB PANEL

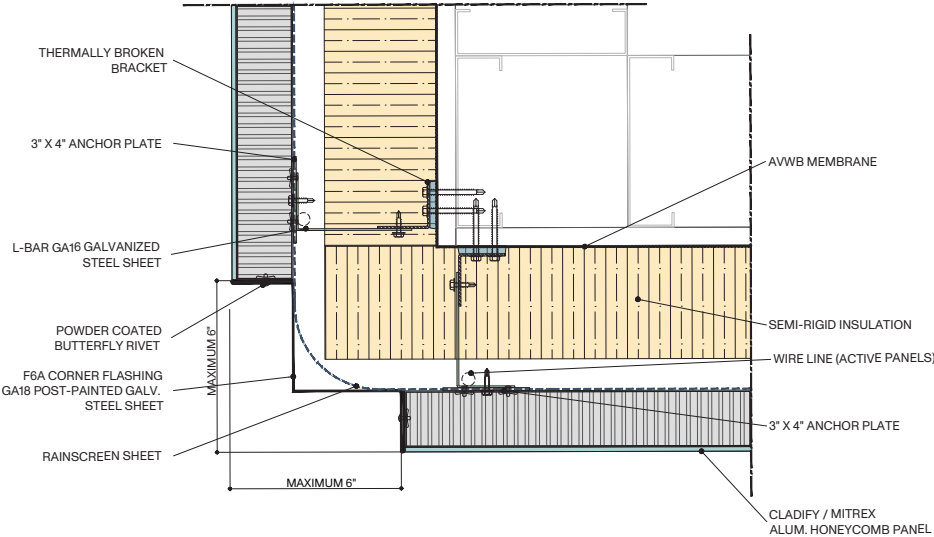
PANEL RETURN
(ANCHOR PLATE - TOP AND BOTTOM CONNECTION)



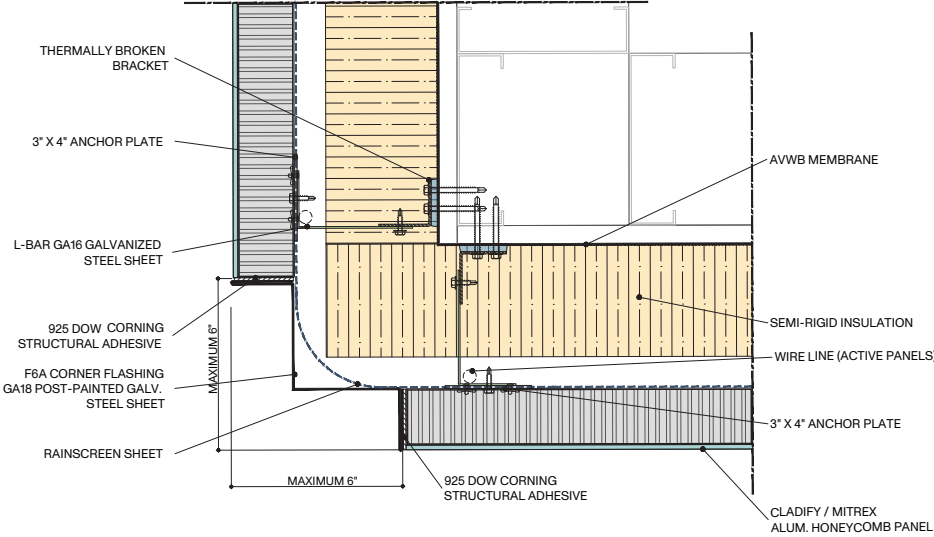
EXTRUDED ALUM. PROFILE PANEL

CORNER DETAIL

G-2



PLAN VIEW (OPTION 1)



PLAN VIEW (OPTION 2)

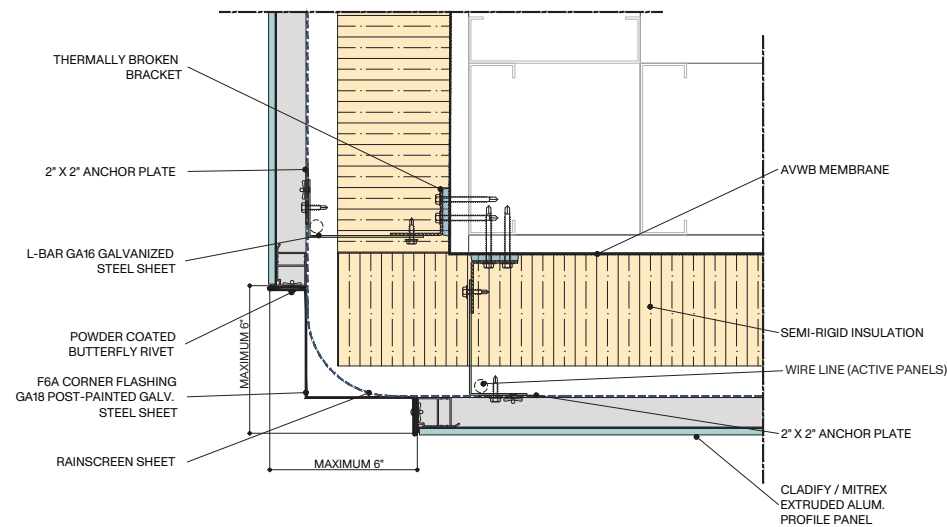
ALUMINUM HONEYCOMB PANEL

METAL FLASHING
(ANCHOR PLATE - TOP AND BOTTOM CONNECTION)

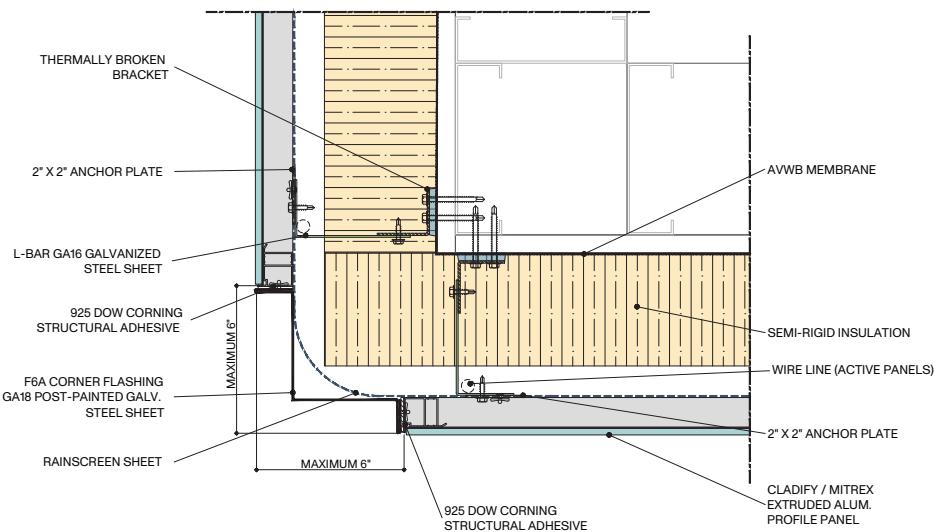
ALUMINUM HONEYCOMB PANEL

CORNER DETAIL

G-3



PLAN VIEW (OPTION 1)



PLAN VIEW (OPTION 2)

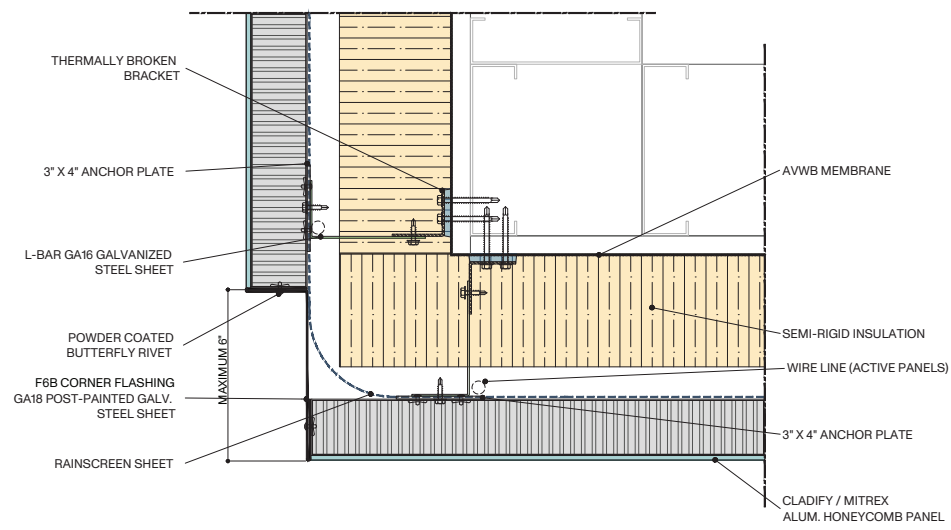
EXTRUDED ALUM. PROFILE PANEL

METAL FLASHING
(ANCHOR PLATE - TOP AND BOTTOM CONNECTION)

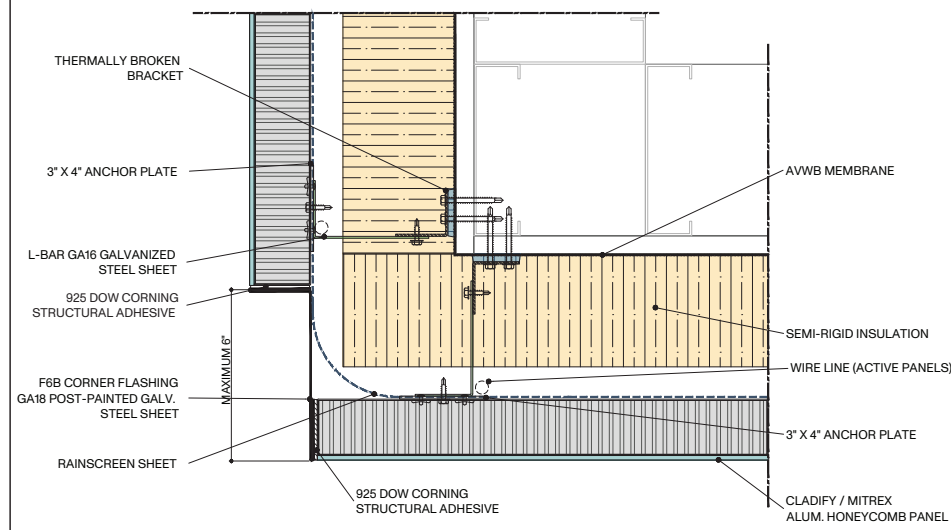
EXTRUDED ALUM. PROFILE PANEL

CORNER DETAIL

G-4



PLAN VIEW (OPTION 1)



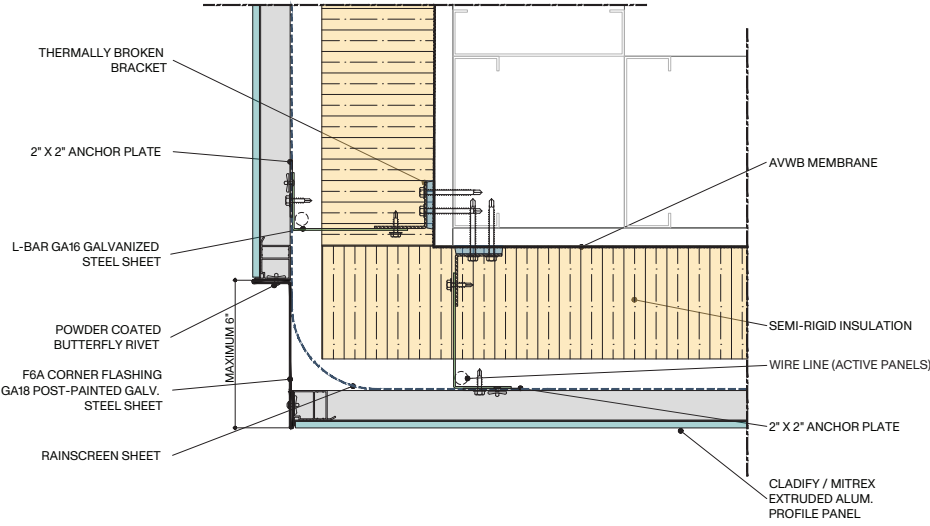
PLAN VIEW (OPTION 2)

ALUMINUM HONEYCOMB PANEL

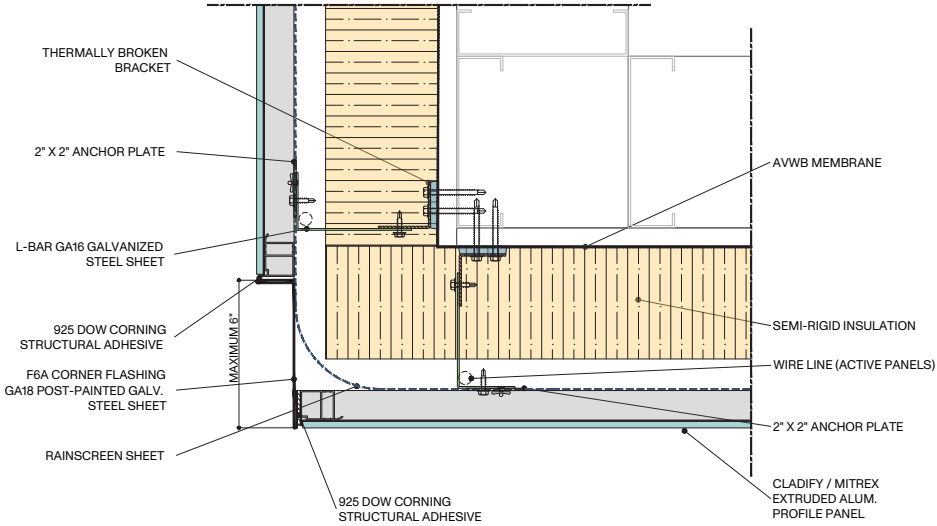
METAL FLASHING
(ANCHOR PLATE - TOP AND BOTTOM CONNECTION)

CORNER DETAIL

G-5



PLAN VIEW (OPTION 1)



PLAN VIEW (OPTION 2)

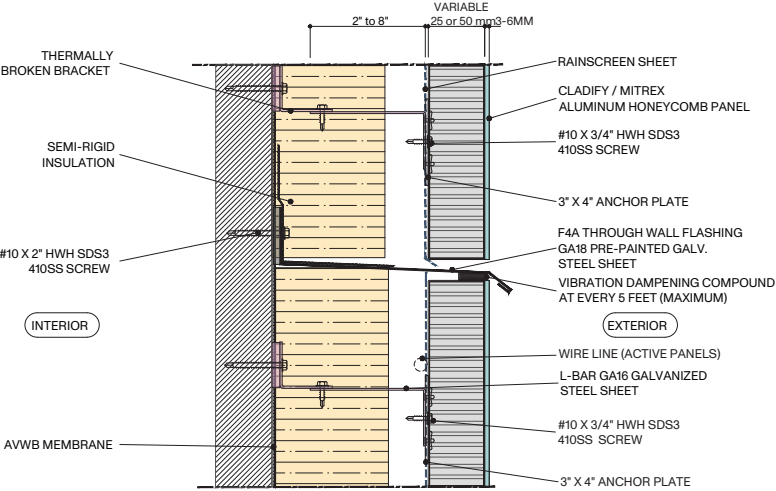
EXTRUDED ALUM. PROFILE PANEL

METAL FLASHING
(ANCHOR PLATE - TOP AND BOTTOM CONNECTION)

EXTRUDED ALUM. PROFILE PANEL

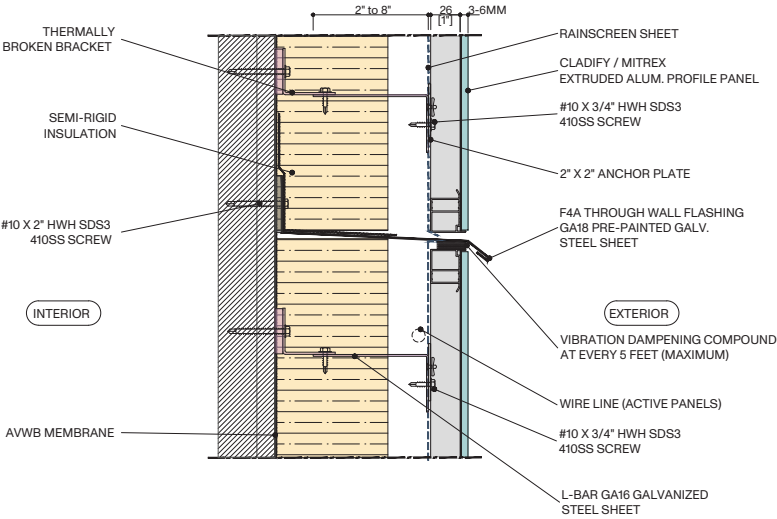
THROUGH WALL DETAIL

H-1



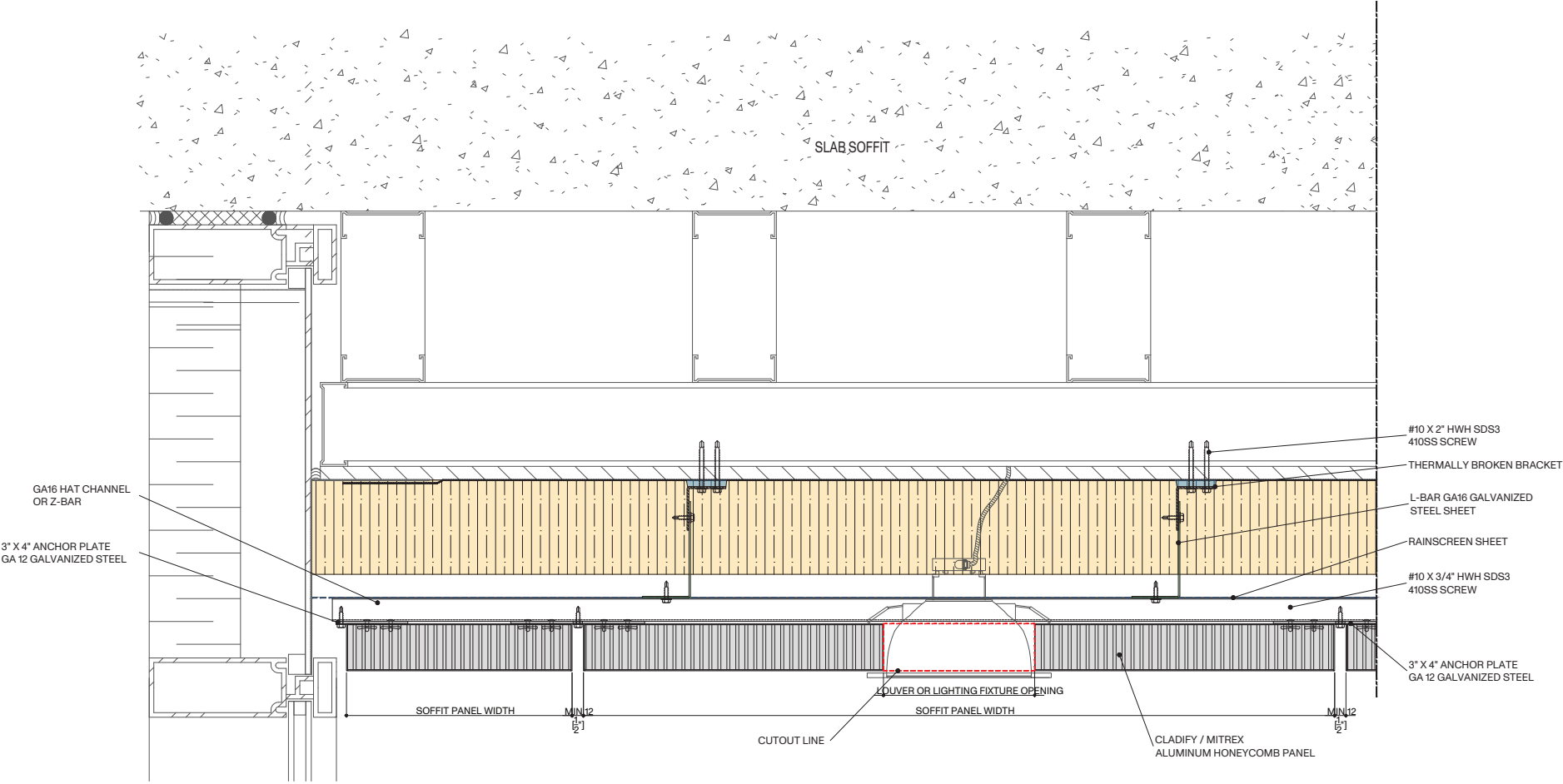
ALUMINUM HONEYCOMB PANEL

METAL FLASHING
(ANCHOR PLATE - SIDE CONNECTION)



EXTRUDED ALUM. PROFILE PANEL

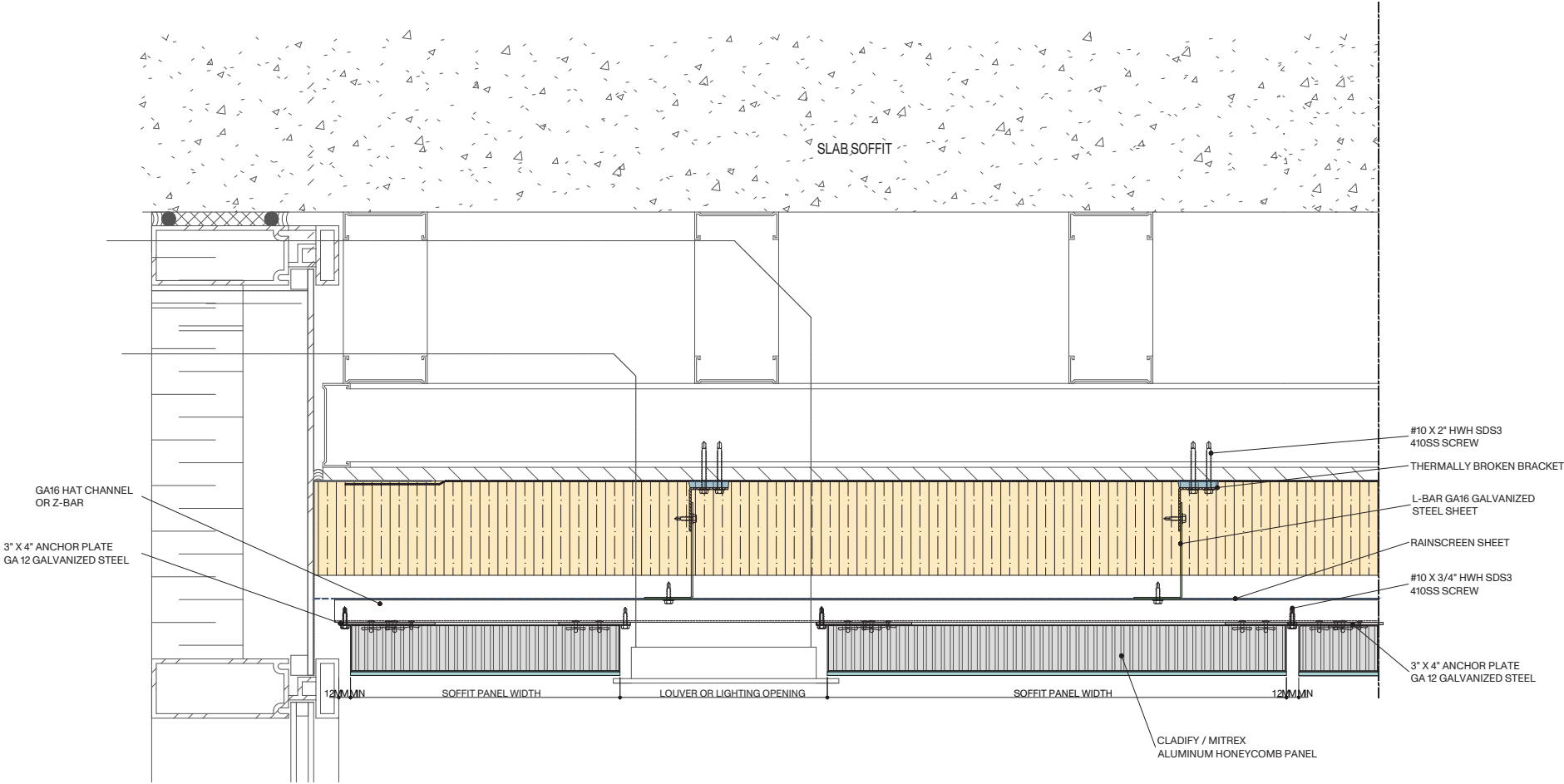
BUILDING SYSTEM INTERFACE



ALUMINUM HONEYCOMB PANEL

SOFFIT PANEL CUTOUT

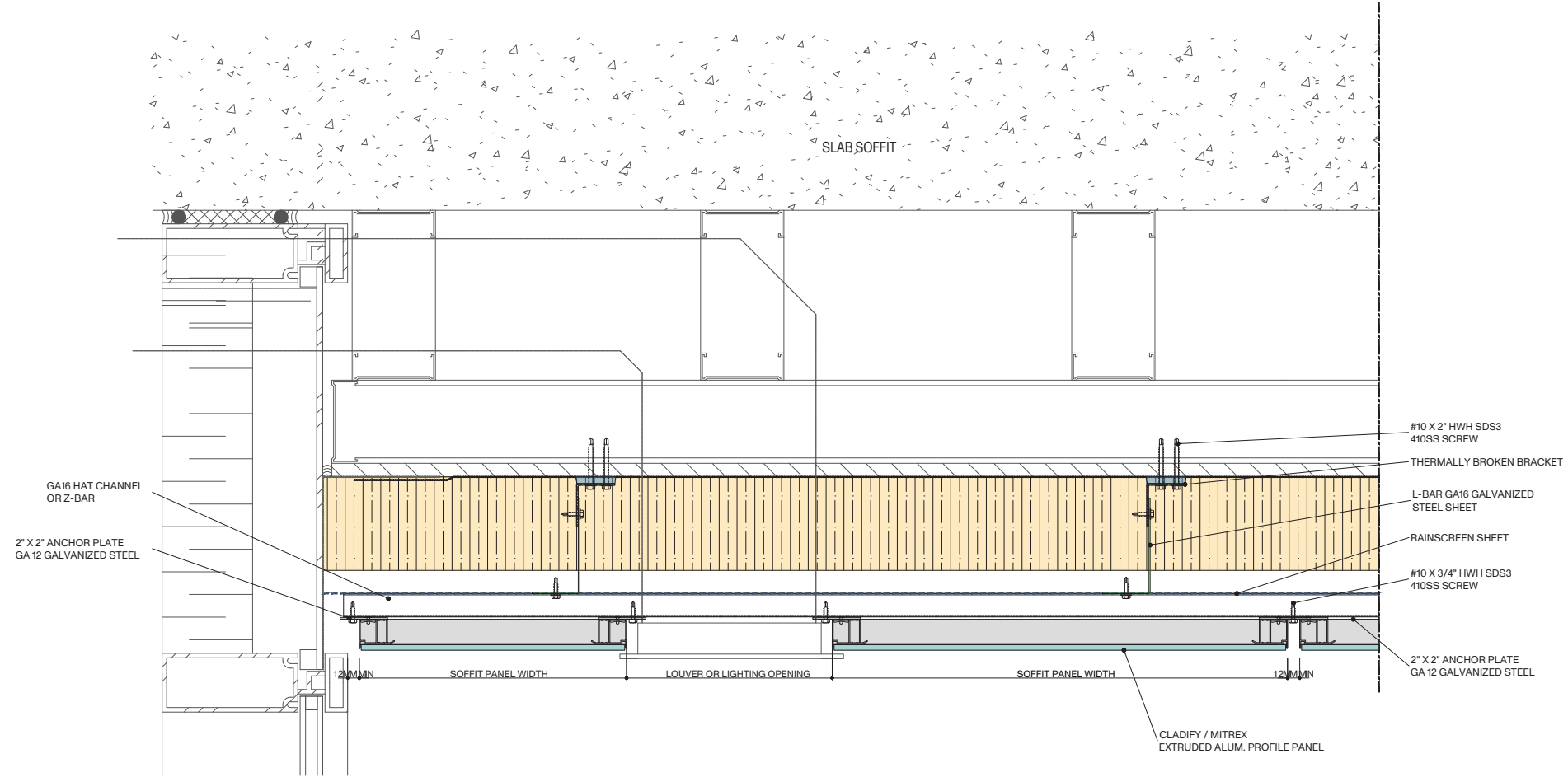
BUILDING SYSTEM INTERFACE



ALUMINUM HONEYCOMB PANEL

IN BETWEEN PANELS

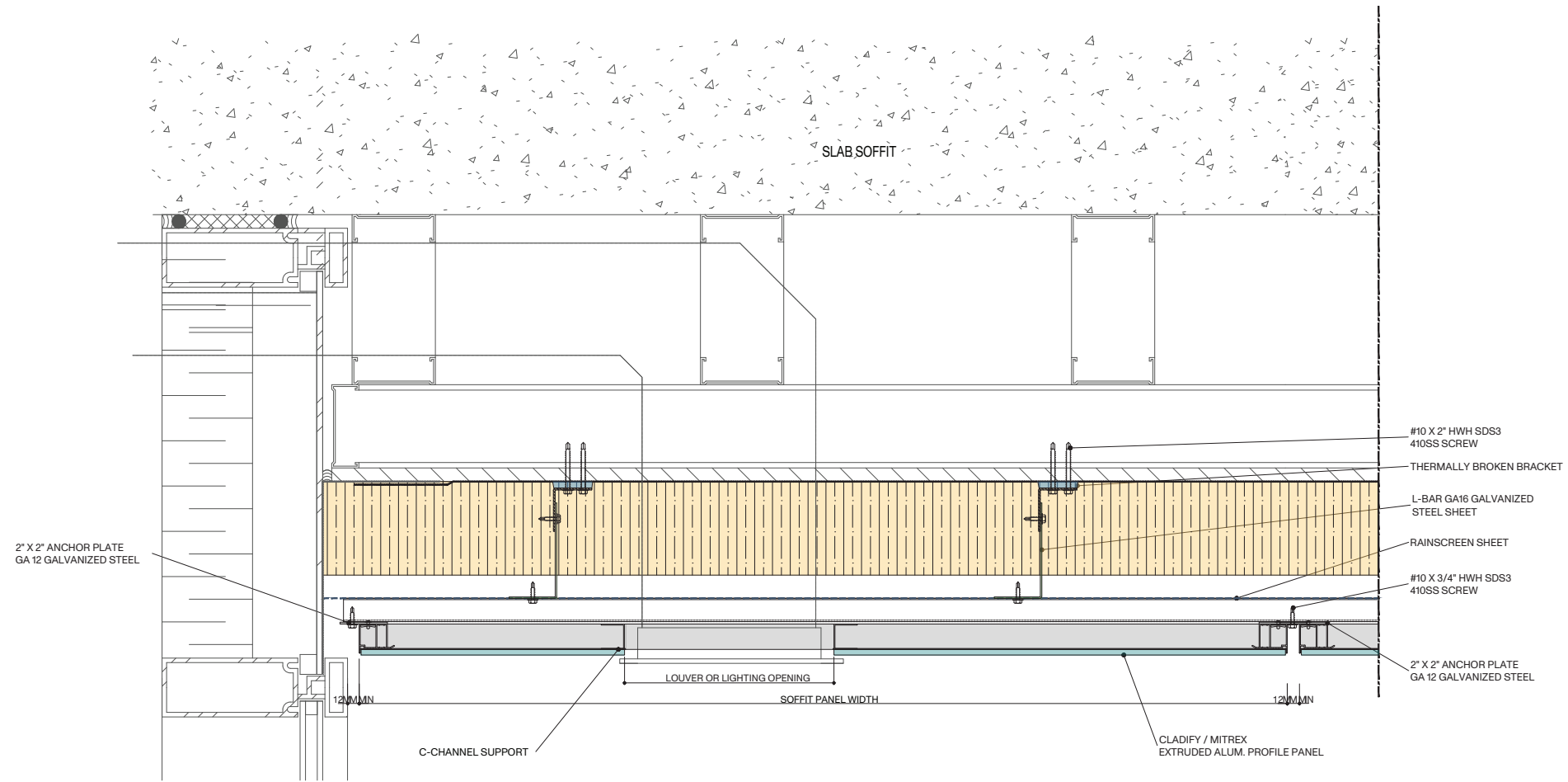
BUILDING SYSTEM INTERFACE



EXTRUDED ALUM. PROFILE PANEL

IN BETWEEN PANELS

BUILDING SYSTEM INTERFACE



EXTRUDED ALUM. PROFILE PANEL

THROUGH THE PANEL

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- Learn More

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Mitrex and Cladify Projects

