MITREX™ | Cladify™

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

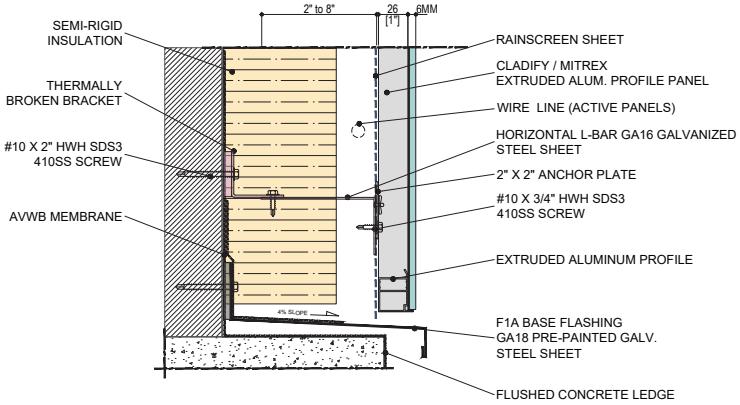
Mitrex offers three distinct solar cladding solutions—eFacade LITE, eFacade PRO, and eFacade PRO+—each engineered to meet varying project needs in terms of design flexibility, performance, and scale.

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.

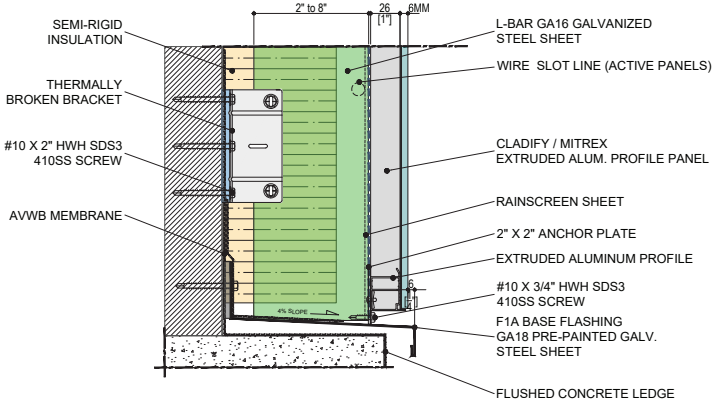
	• eFacade LITE	• eFacade PRO	• eFacade PRO+
Colors & Patterns	5 color options	48 color options	Unlimited customizable colors & patterns
	Finish: Satin glass Thickness: 0.24in (6mm)	Finish: Satin glass Thickness: 0.24in (6mm)	Finish: Super satin, satin, matte, glossy, wood grain, aqualite, and more. Thickness: 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
Systems	Ventilated rainscreen system, eFacade LITE system	Ventilated rainscreen system (interlocking channel or anchor plate)	Customizable rainscreen, unitized or prefabricated system options
	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)
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

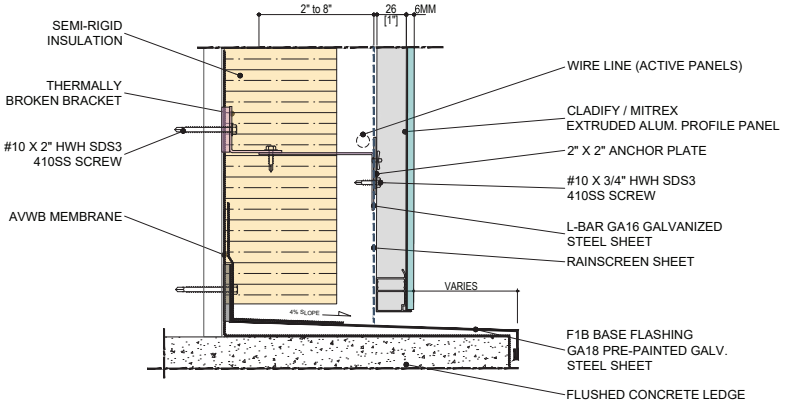
A-1



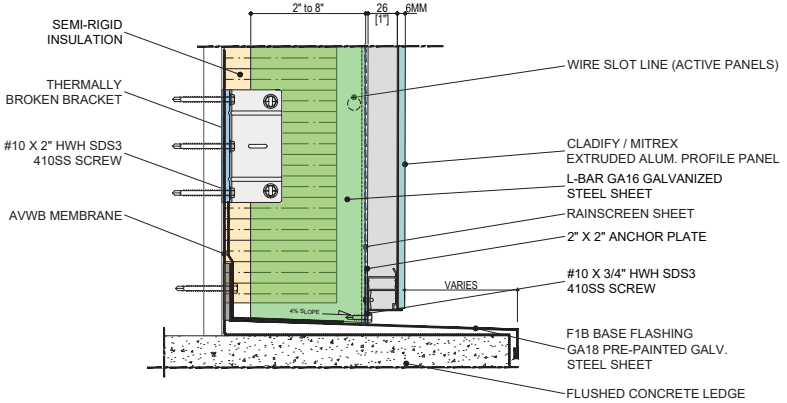
EXPOSED PANEL
(ANCHOR PLATE - SIDE CONNECTION)



EXPOSED PANEL
(ANCHOR PLATE - TOP AND BOTTOM CONNECTION)



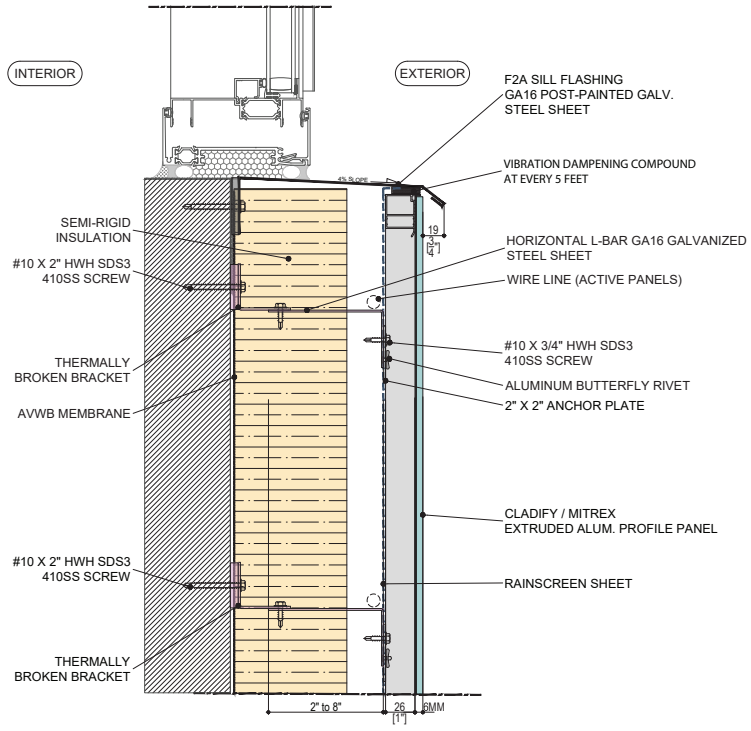
RECESSED PANEL
(ANCHOR PLATE - SIDE CONNECTION)



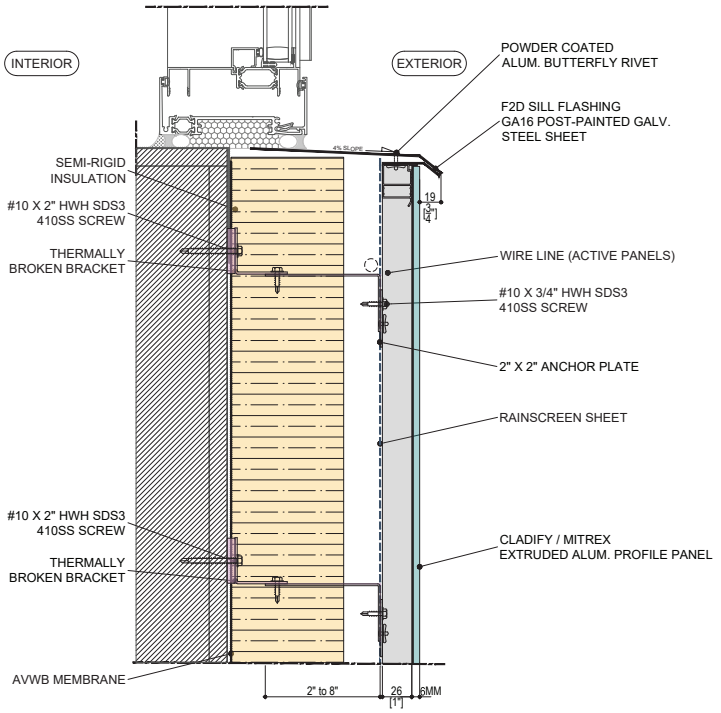
RECESSED PANEL
(ANCHOR PLATE - TOP AND BOTTOM CONNECTION)

WINDOW SILL DETAIL

B-1

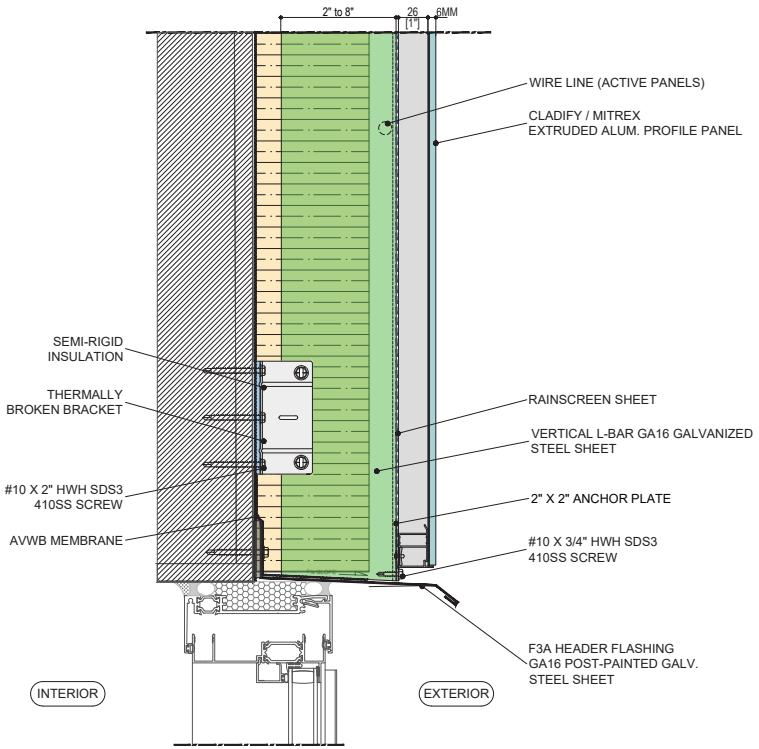


METAL FLASHING
(ANCHOR PLATE - SIDE CONNECTION)

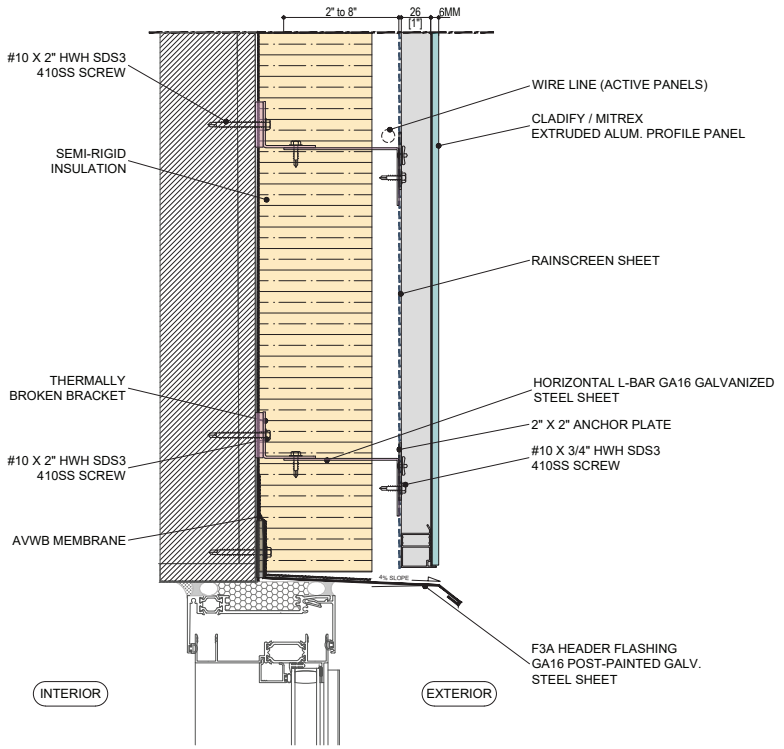


WINDOW HEADER DETAIL

C-1



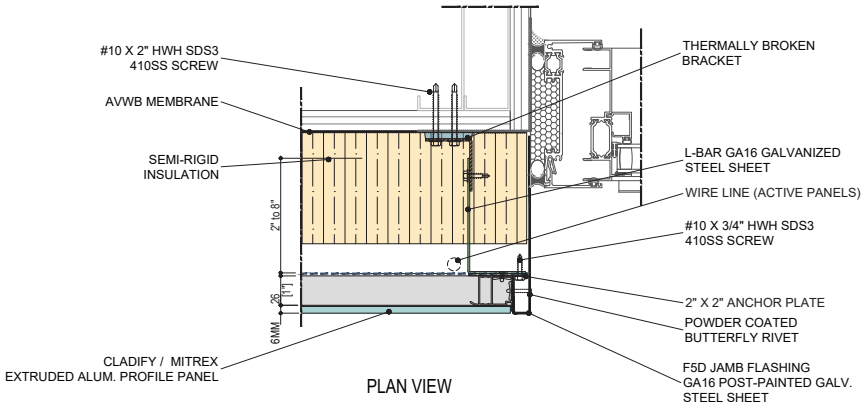
METAL FLASHING
(ANCHOR PLATE - TOP AND BOTTOM CONNECTION)



METAL FLASHING
(ANCHOR PLATE - SIDE CONNECTION)

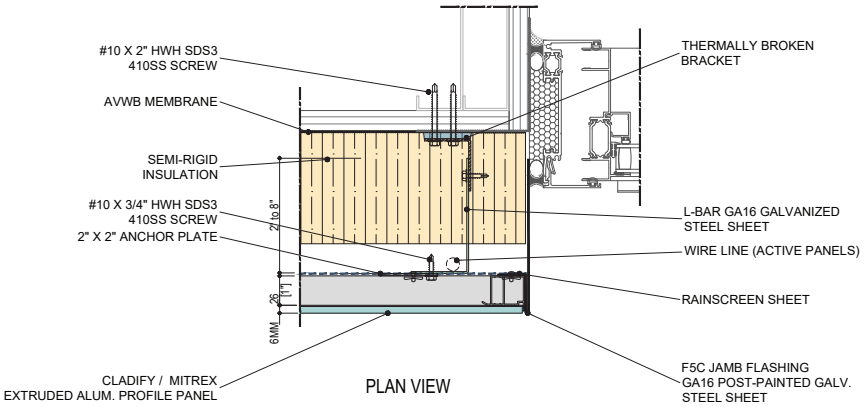
WINDOW JAMB DETAIL

D-1



PLAN VIEW

METAL FLASHING
(ANCHOR PLATE - SIDE CONNECTION)

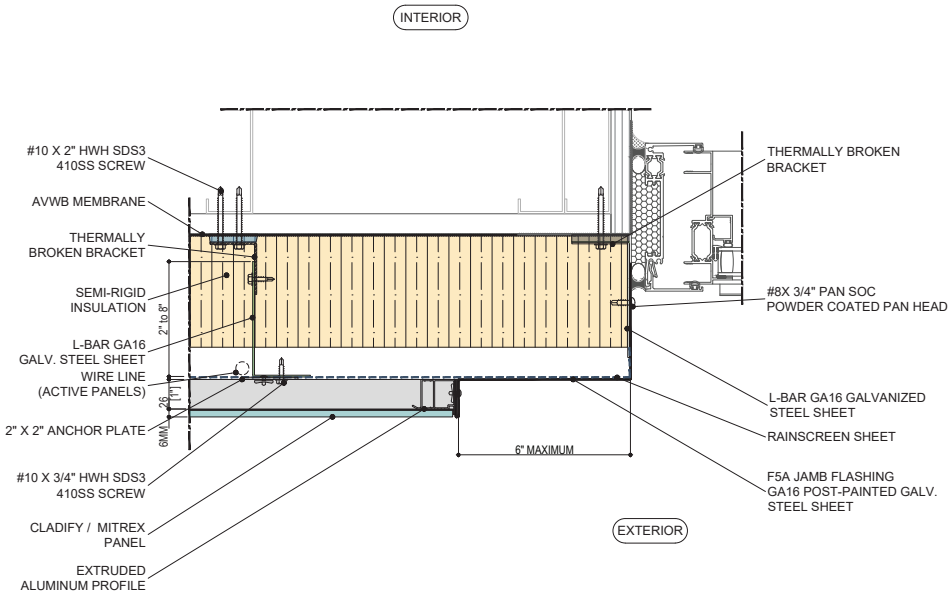


PLAN VIEW

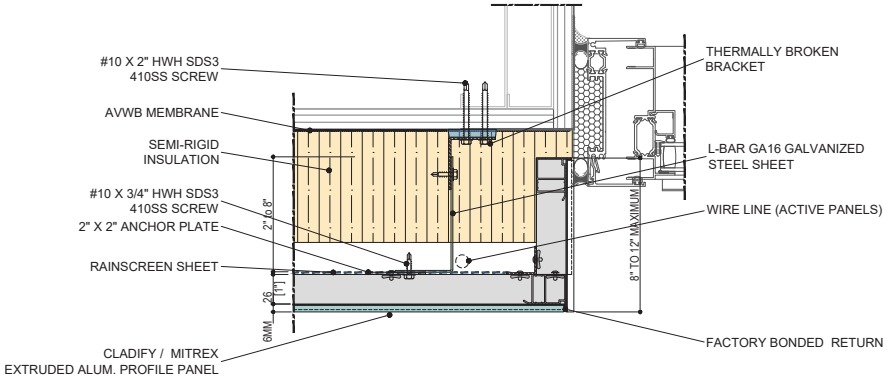
METAL FLASHING
(ANCHOR PLATE - TOP AND BOTTOM CONNECTION)

WINDOW JAMB DETAIL

D-2



PLAN VIEW



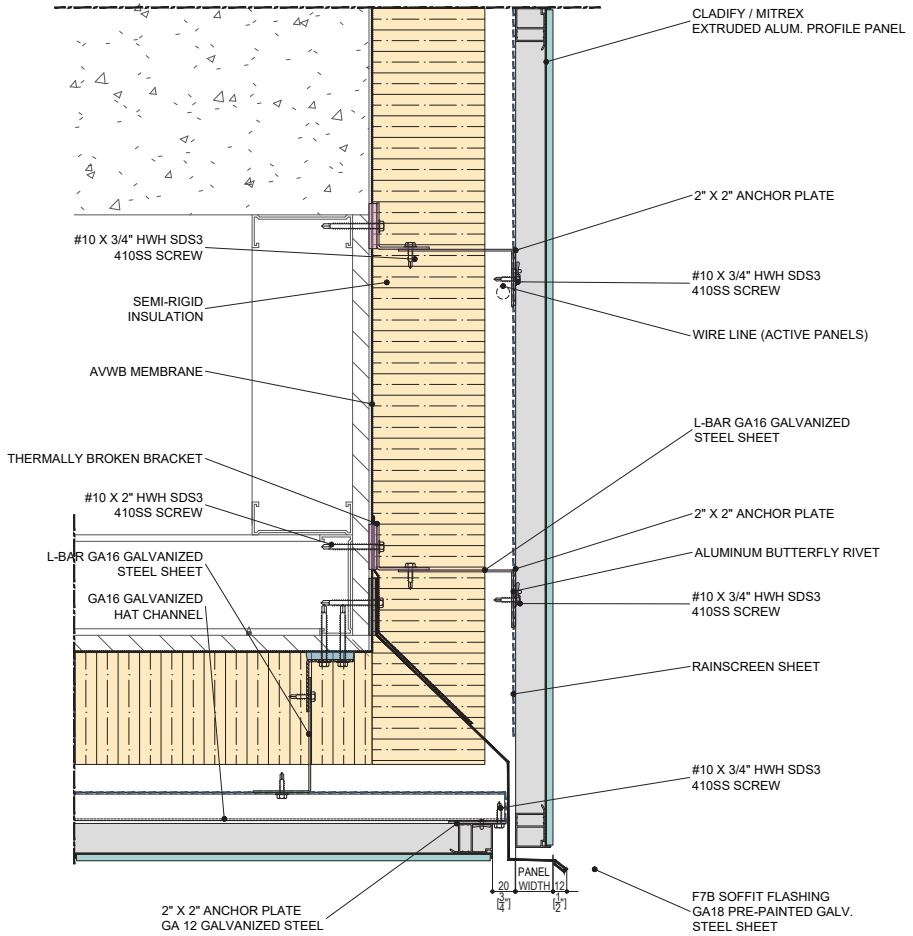
PLAN VIEW

METAL FLASHING
(ANCHOR PLATE - TOP AND BOTTOM CONNECTION)

PRE-ASSEMBLED RETURN PANEL
(ANCHOR PLATE - TOP AND BOTTOM CONNECTION)

SOFFIT EDGE DETAIL

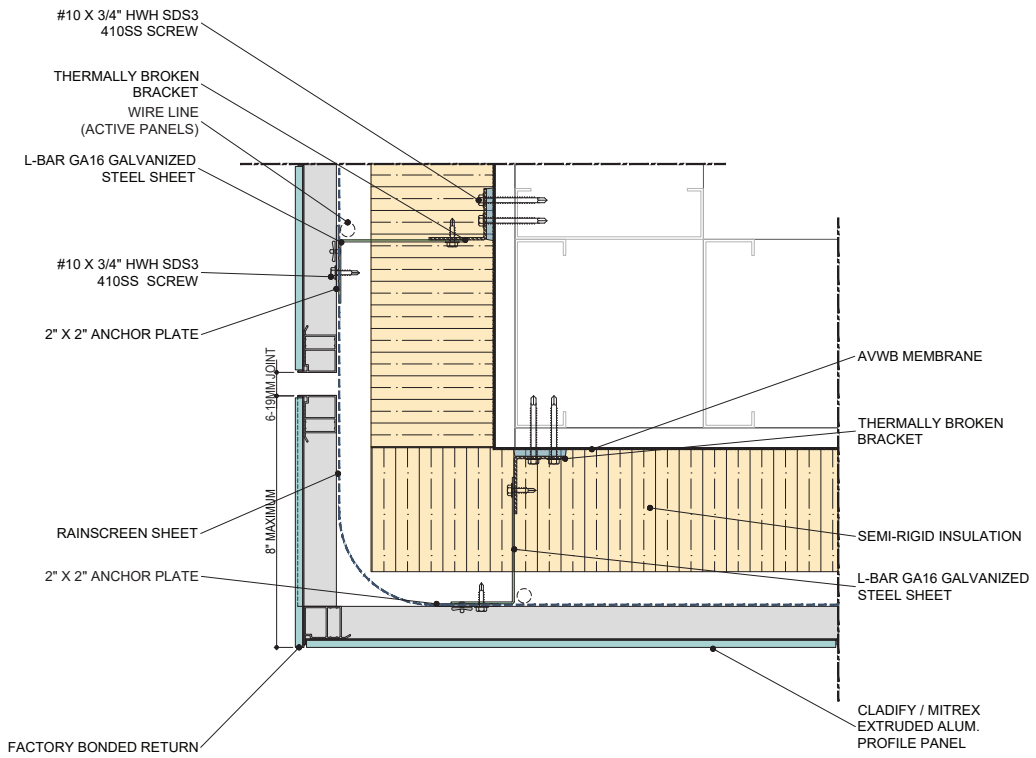
F-1



SOFFIT EDGE METAL FLASHING

CORNER DETAIL

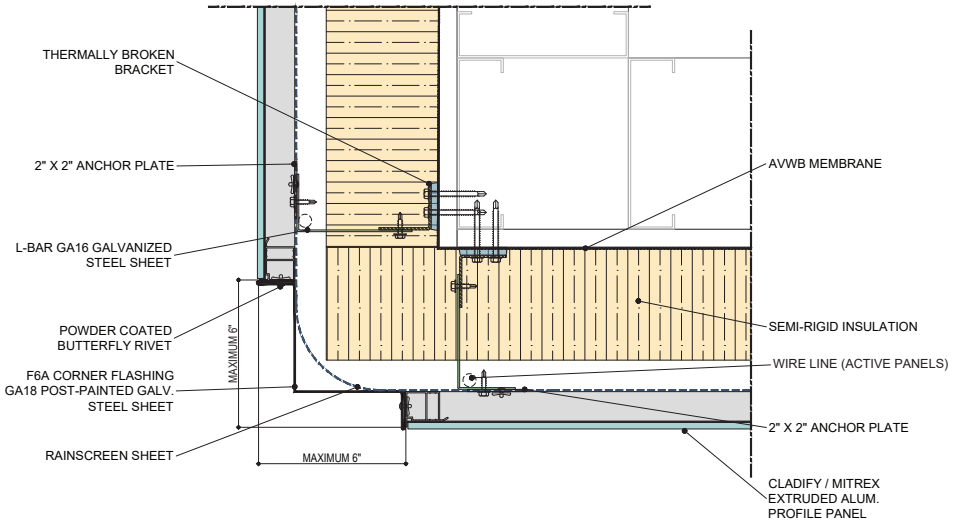
G-1



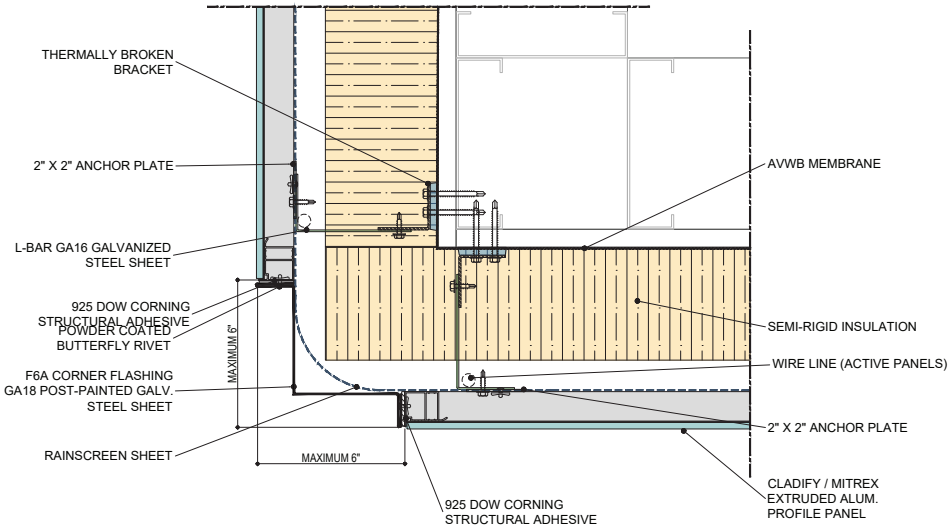
PLAN VIEW

PANEL RETURN
(ANCHOR PLATE - TOP AND BOTTOM CONNECTION)

CORNER DETAIL



PLAN VIEW (OPTION 1)

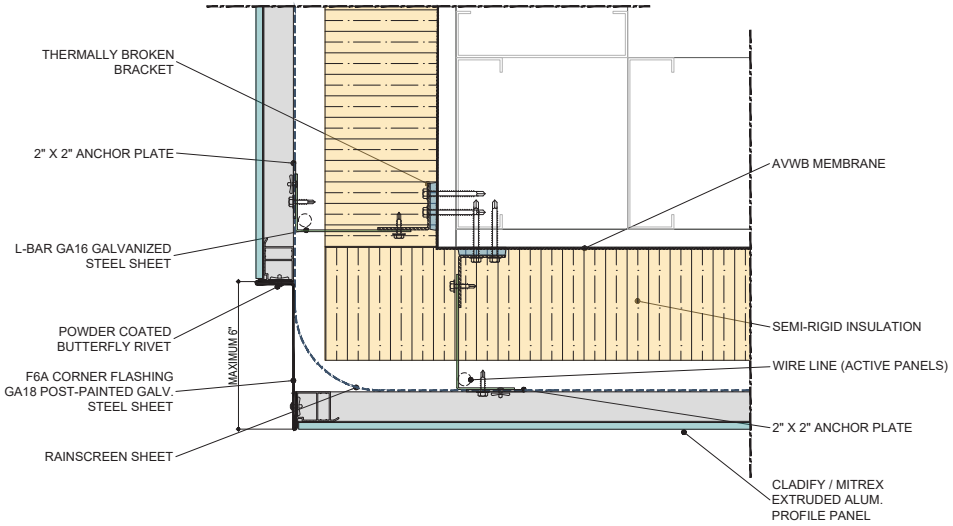


PLAN VIEW (OPTION 2)

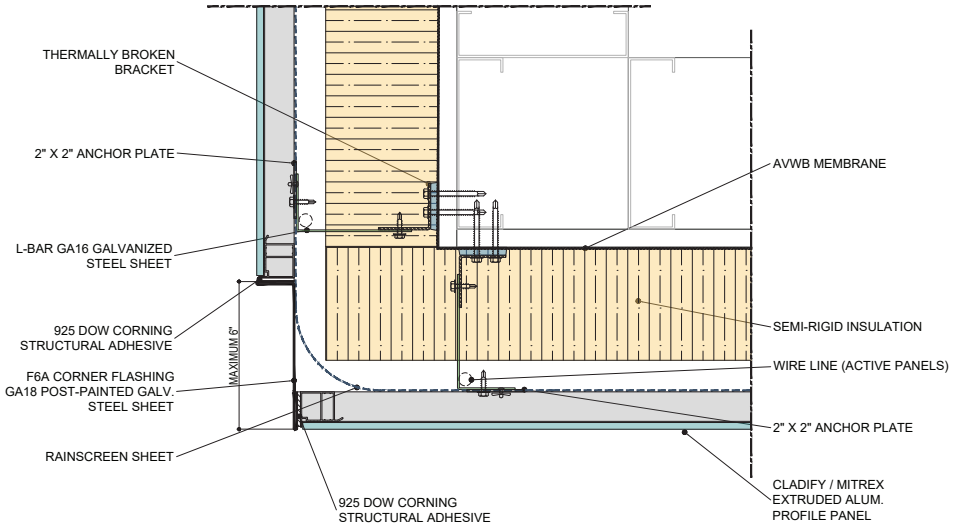
METAL FLASHING
(ANCHOR PLATE - TOP AND BOTTOM CONNECTION)

CORNER DETAIL

G-3



PLAN VIEW (OPTION 1)

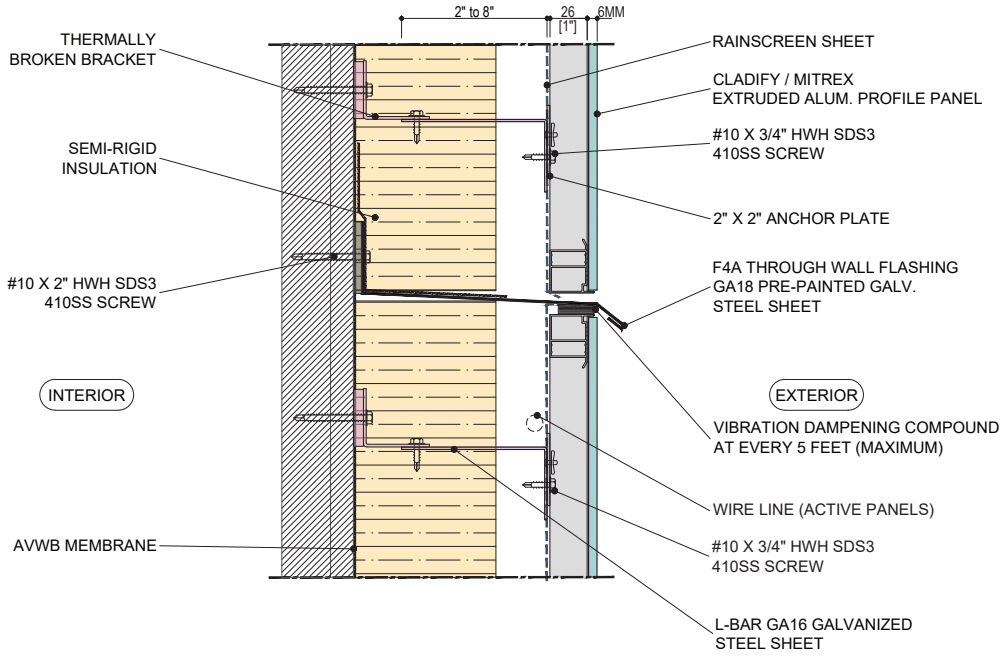


PLAN VIEW (OPTION 2)

METAL FLASHING
(ANCHOR PLATE - TOP AND BOTTOM CONNECTION)

THROUGH WALL DETAIL

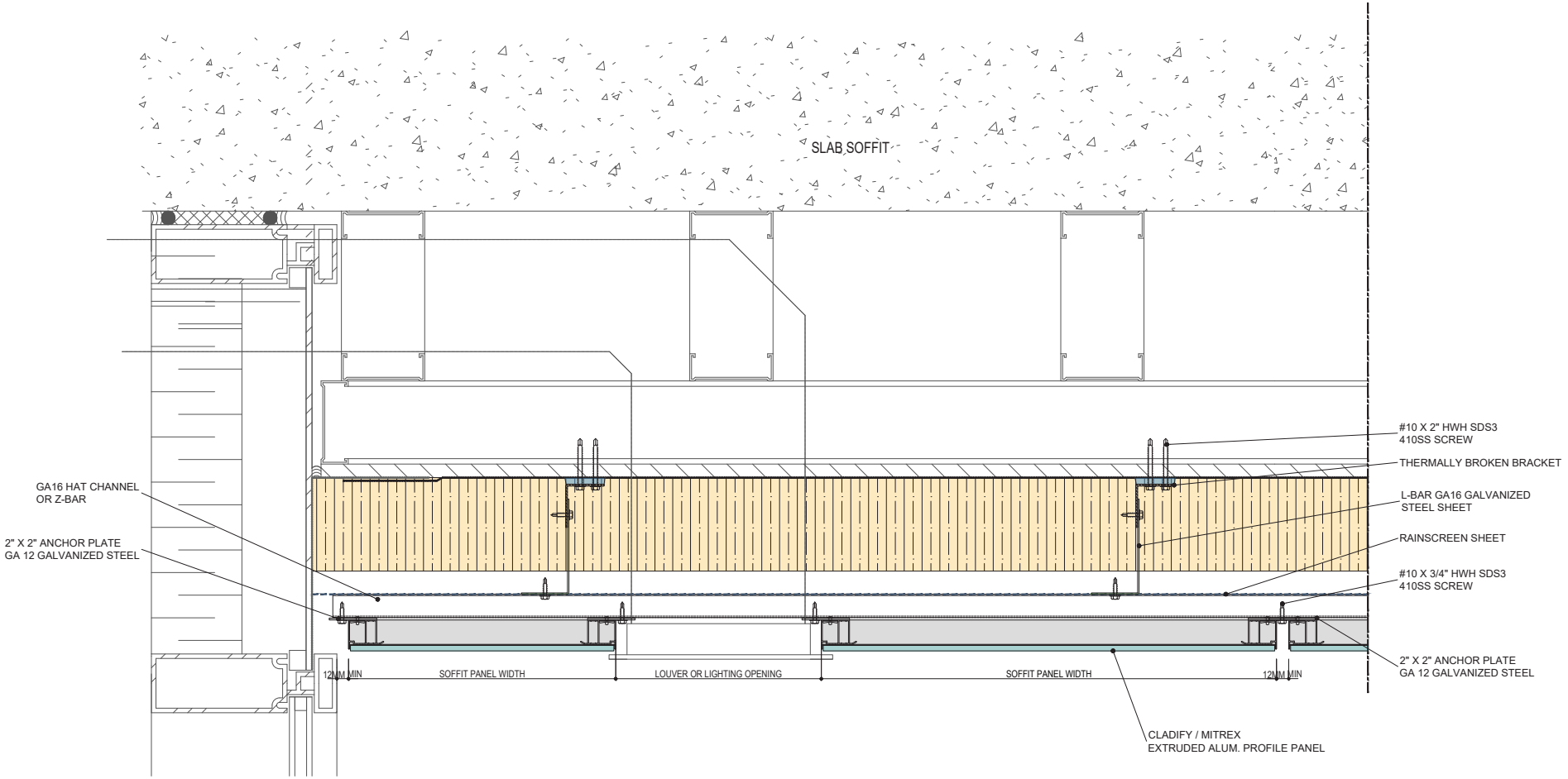
H-1



METAL FLASHING
(ANCHOR PLATE - SIDE CONNECTION)

BUILDING SYSTEM INTERFACE

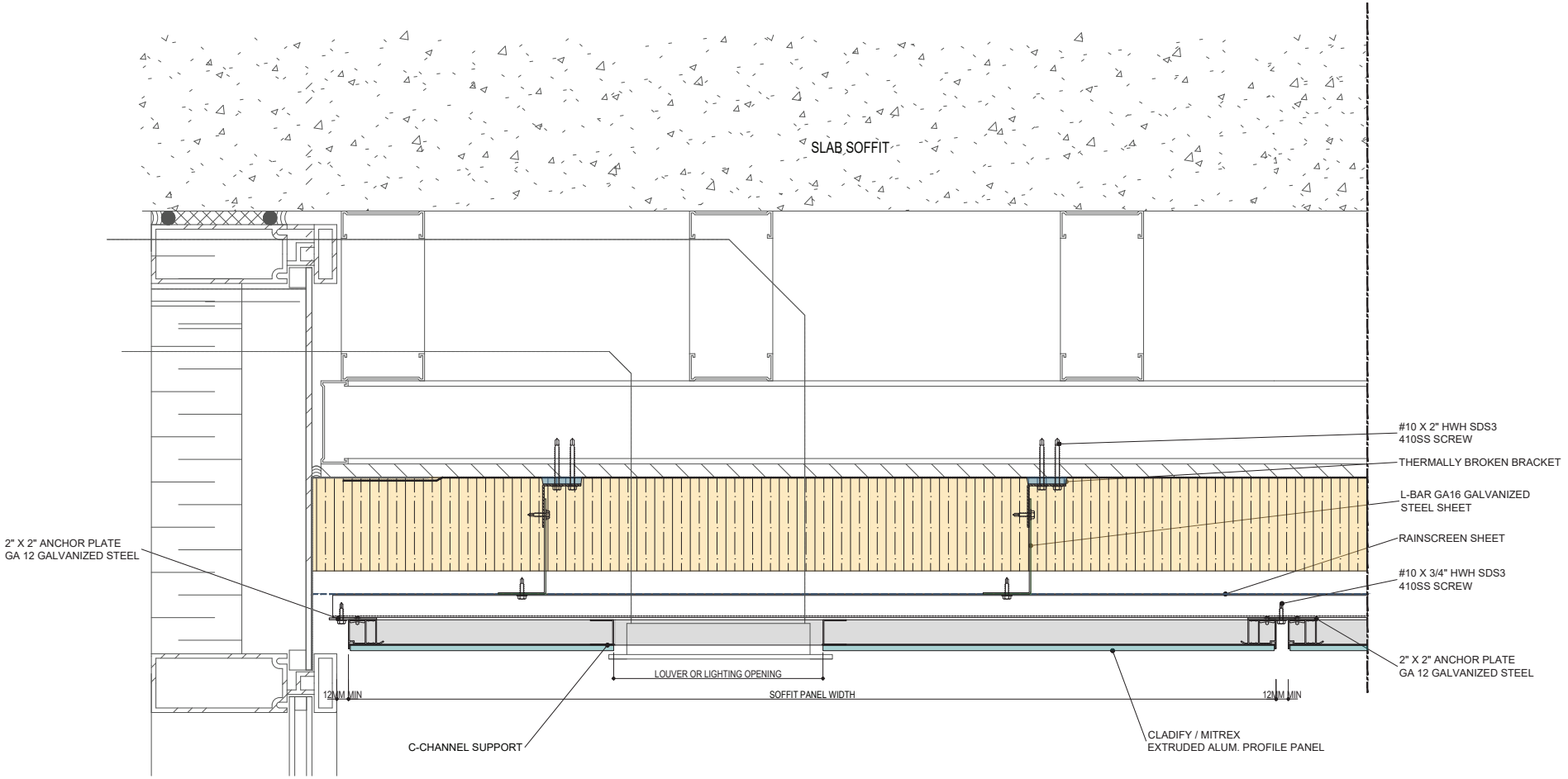
J-1



IN BETWEEN PANELS

BUILDING SYSTEM INTERFACE

J-2



THROUGH THE PANEL

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08/2025 - V1