

ADAPTACLAD® RS

DESIGN & INSTALLATION FRONT-END INFORMATION

SYSTEM OVERVIEW

Laminators Inc. AdaptaClad RS is a weather-resistant, exterior wall cladding panel system that combines a modern reveal-joint aesthetic with drained and back ventilated rainscreen performance. The panel system includes fabricated Omega-Lite® FR aluminum composite material (ACM) panels with aluminum perimeter extrusions, stiffeners, and panel clips. Omega-Lite® FR ACM insert strips are installed at panel joints. The panel system can be installed over a variety of substrates including Laminators Inc. Omega CI® rigid insulation panels or other third-party continuous insulation (CI) solutions.

DESIGN & INSTALLATION

This Laminators Inc. Design & Installation detail set consists of front-end information and details and is complete with respect to architectural design development and field installation. The front-end information outlines all applicable information for the panel system and its intended use. The details represent the panel system in relationship to a typical exterior wall assembly and provide required information for installation. Laminators Inc. makes no claim as to the application of the details to project-specific conditions. Additional information required to fabricate the panel system is available in Laminators Inc. Shop Fabrication detail set.

CODES, STANDARDS, & TESTING

Laminators Inc. retains Professional Engineers (PE) licensed in the state of primary research & development, design, and manufacturing (i.e., Commonwealth of Pennsylvania) to provide structural design, detailing, and testing support for the panel system. Accordingly, the panel system has been designed and detailed to the International Building Code, including applicable Referenced Standards.

The panel system has been tested to the following Standards:

1. AAMA 509 Voluntary Test and Classification Method for Drained and Back Ventilated Rainscreen Wall Cladding Systems
2. ASTM E283 Standard Test Method for Determining Rate of Air Leakage Through Exterior Windows, Curtain Walls, and Doors Under Specified Pressure Differences Across the Specimen
3. ASTM E330 Standard Test Method for Structural Performance of Exterior Windows, Doors, Skylights and Curtain Walls by Uniform Static Air Pressure Difference
4. ASTM E331 Standard Test Method for Water Penetration of Exterior Windows, Skylights, Doors, and Curtain Walls by Uniform Static Air Pressure Difference

Go beyond the panel... and go to the next level!

5. NFPA 285 Standard Fire Test Method for Evaluation of Fire Propagation Characteristics of Exterior Wall Assemblies Containing Combustible Components

STRUCTURAL CAPACITY

The project-specific Components and Cladding (C&C) wind load requirements (*Required Strength*) established by the Design Professional of Record (DPR) shall not exceed the structural capacity of the panel system (*Available Strength*) as established by Laminators Inc.

Multiple structural capacities are provided within this detail set indicating required panel clip placement and installation screw requirements for various substrates. The end user is responsible for appropriate use of the information contained in this detail set based on project-specific wind load requirements. Laminators Inc. assumes no responsibility for failure of the panel system resulting from incorrect use of the presented information.

DELEGATED DESIGN

For project-specific specifications that require Delegated Design, Laminators Inc. PE may serve as a Specialty Structural Engineer (SSE) and prepare a calculation submittal for the Installer and General Contractor. The calculation submittal is system-specific and supports the documented structural capacity of the panel system. It is the responsibility of the DPR and Structural Engineer of Record (SER) for the project to review the calculation submittal for conformance with the project-specific design criteria.

Note that the Installer may need to acquire the service of a third-party PE licensed in the state of the project to evaluate the submittal prior to being provided to the DPR and SER.

NFPA 285 COMPLIANCE

The panel system has been tested in specific wall assemblies in accordance with, and meets the Conditions of Acceptance of, NFPA 285. Test reports are available upon request.

An Engineering Evaluation (EEV) is available from Laminators Inc. that presents specific engineering extensions and permits substitutions with respect to base wall components, cavity insulation, exterior sheathing, water-resistive barriers, and exterior insulation, while maintaining NFPA 285 compliance. The EEV may be required for project-specific submissions to an Authority Having Jurisdiction (AHJ).

Laminators Inc. takes no responsibility for NFPA 285 compliance related to wall assemblies incorporating Laminators products that are not documented under one of the following:

- 1) Specific wall assemblies tested by Laminators Inc., or
- 2) An EEV supplied by Laminators Inc. from a third-party fire consultant

If documented compliance is not available from Laminators Inc. for the proposed wall assembly, the DPR is responsible for contacting a third-party fire consultant to establish compliance via a separate EEV or modifying the proposed wall assembly to a compliant condition.

RECEIVING

Upon receipt of fabricated panels and accessories, perform a visual inspection and inventory to identify any damages that may have occurred during shipping and/or missing components. Any such conditions must be noted on the bill of lading at the time of receipt and must be immediately reported by the Installer to Laminators Inc. or the Fabricator from which the materials were purchased.

STORAGE & HANDLING

1. Store fabricated panels horizontally on pallets and in a dry, well-ventilated environment protected from construction activities and associated debris.
2. Store all fabricated panels and accessories a minimum of 4" above grade level to avoid contact with direct moisture (e.g. water, snow, etc.).
3. Storage temperatures shall not exceed 120°F.
4. Other materials shall not be stacked on, or placed in contact with, panels to prevent damage.
5. Protective masking should be left on all fabricated panels and insert strips to prevent damage. Masking should be removed from each insert strip prior to installation but should not be removed from each panel until after installation. All masking shall be removed within two weeks of installation.
6. Handle all fabricated panels with clean work gloves to avoid hand injury from any sharp edges and to prevent staining.

PREPARATION & TOLERANCES

Field-verify all project-specific substrate conditions meet substrate criteria minimums as established by this detail set. The General Contractor (GC) is responsible for providing an acceptable substrate with the following tolerances:

1. Adjacent substrate surface out-of-plane offset: +/- 1/8"
2. Level, plumb, and location control line deviation: 1/4" in any 20 feet
3. Building elevation direction deviation: +/- 1/2"

Documentation shall be provided to the GC indicating any conditions detrimental to the installation of the panel system.

METALLIC & ANODIZED FINISHES

Variation and directionality are common characteristics across a range of colors, finishes, patterns, and textures of panel finishes. Therefore, project-specific coordination of panel orientation is particularly

important for metallic paint and anodized aluminum finishes. Directional arrows are printed on the masking to assist with same-direction panel orientation during installation.

WARRANTY

To satisfy the ACM Manufacturer's Material Warranty requirement of project-specific specifications, a Limited Warranty document is available from Laminators Inc. that is project-specific and consists of two parts: a *Panel Material and Product Warranty* and a *Panel and Extrusion Finish Warranty*.

The Limited Warranty is subject to stated terms, conditions, limitations, remedies, legal rights, and a disclaimer. Failure of the project-specific exterior wall assembly drawings, specifications, shop drawings, and/or installation to be in general conformance with the Laminators Inc. Design & Installation detail set may void one or both parts of the Limited Warranty. Laminators Inc. does not provide any installation warranty.

ADAPTA CLAD® RS

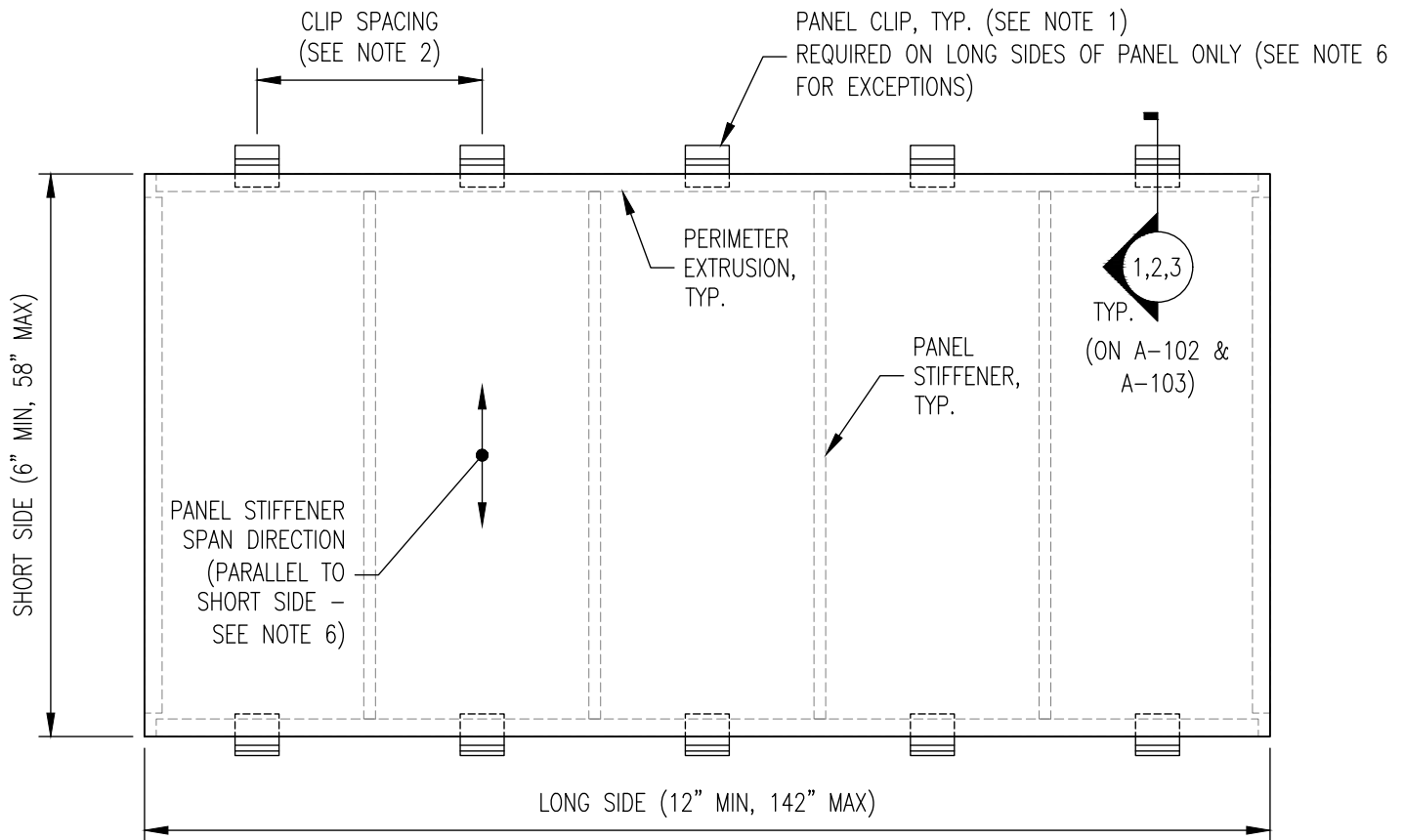
DESIGN & INSTALLATION DETAILS

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REV 00, 9/1/2026

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1 TYPICAL FABRICATED PANEL
(VIEW FROM FRONT)

NOTES:

1. FOR MORE INFORMATION ON PANEL CLIPS, REFER TO A-102 & A-103
2. PANEL CLIP SPACING VARIES BY SUBSTRATE AND STRUCTURAL CAPACITY; REFER TO A-401 THRU A-406 FOR MORE INFORMATION
3. REFER TO SHOP FABRICATION DETAILS FOR PANEL ASSEMBLY AND COMPONENT SPACING (STIFFENERS, RIVETS, ETC.)
4. REFER TO A-104 FOR SUBSTRATE COMPATIBILITY
5. REFER TO A-105 FOR FRAMING ALIGNMENT OPTIONS
6. REFER TO A-106 FOR CONDITIONS WHERE PANEL STIFFENER SPAN MAY BE ROTATED AND PANEL CLIPS ARE LOCATED ON SHORT SIDES OF PANEL; PANEL STIFFENER SPAN IS DEFINED AS DISTANCE BETWEEN CLIP ATTACHMENT SIDES
7. REFER TO A-107 FOR NFPA 285 COMPLIANCE OPTIONS
8. REFER TO A-108 FOR JOINT ALIGNMENT & AIR GAP



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FABRICATED PANEL OVERVIEW

ADAPTACLAD RS

DESIGN & INSTALLATION DETAILS

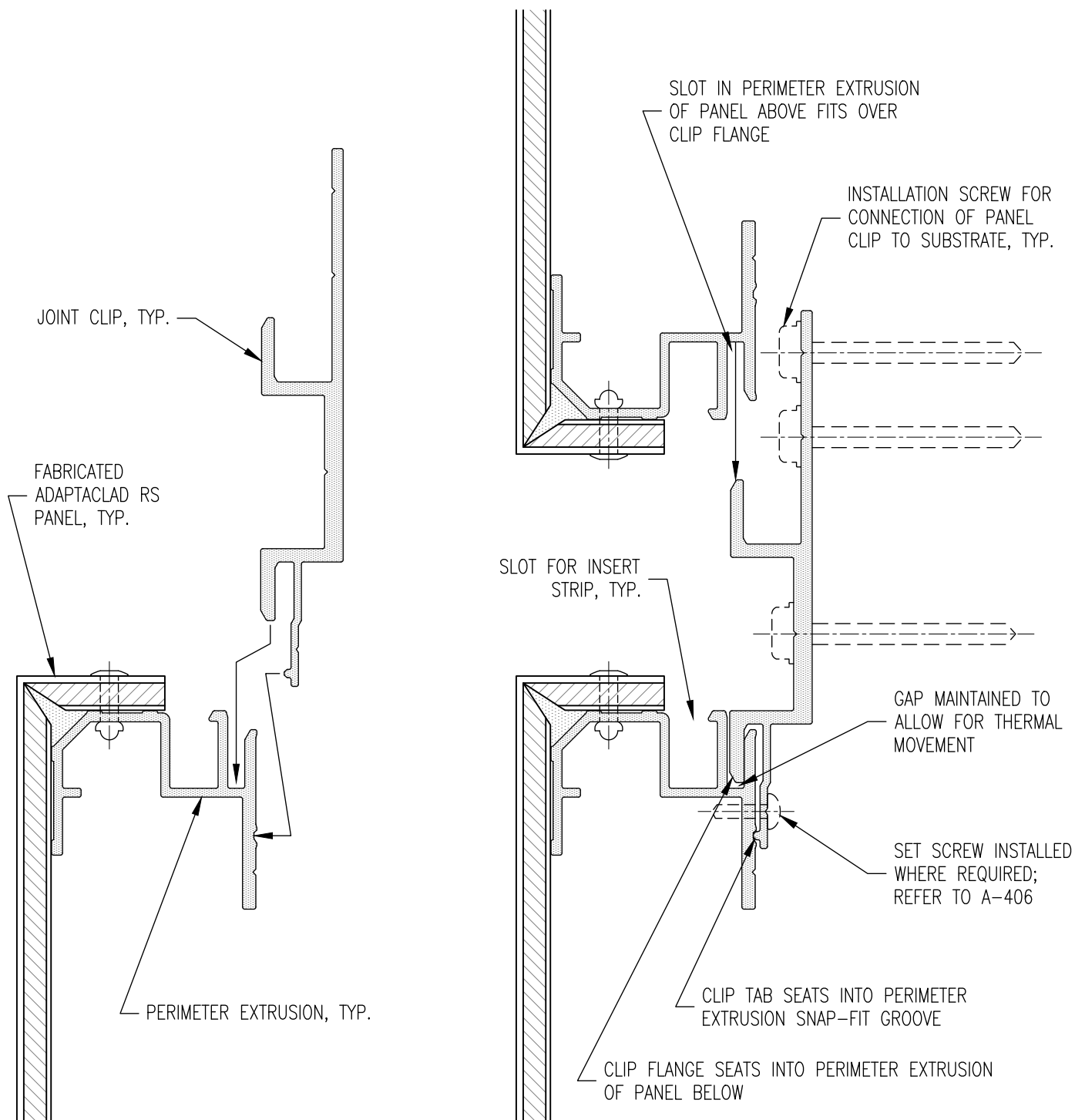
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Detail Set:
AC-RS

Dwg. No.:
A-101

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1 SECTIONS
JOINT CLIP



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JOINT CLIP OVERVIEW

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DESIGN & INSTALLATION DETAILS

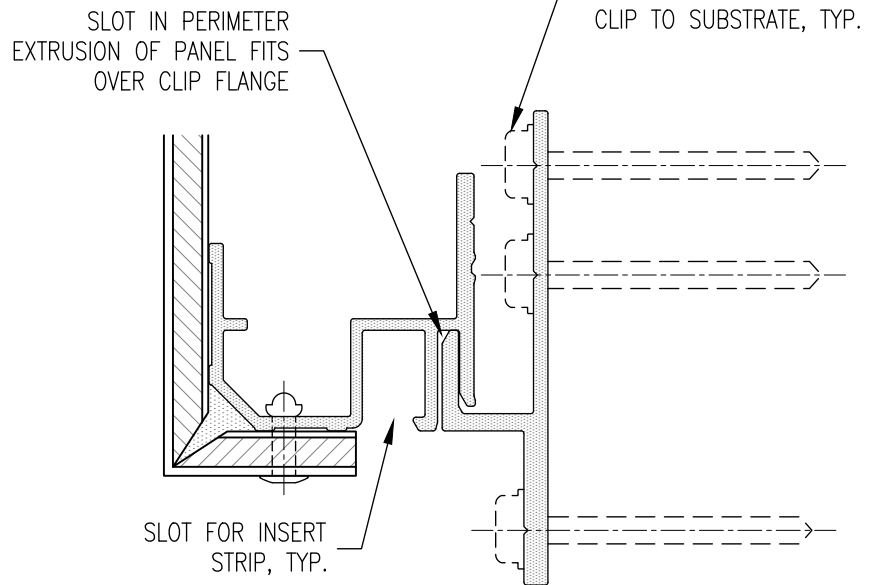
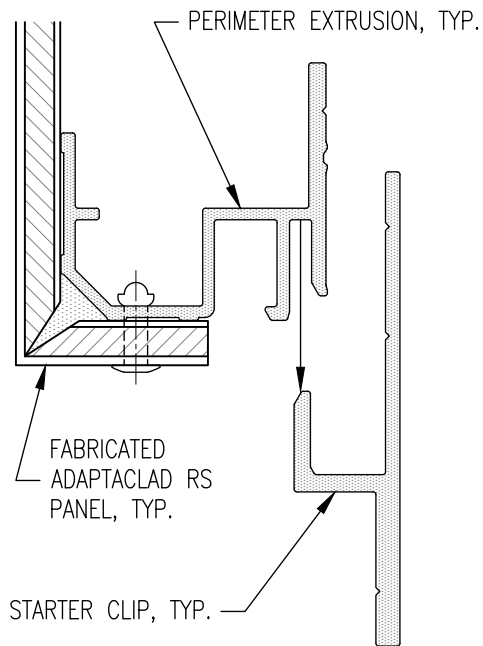
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A-102

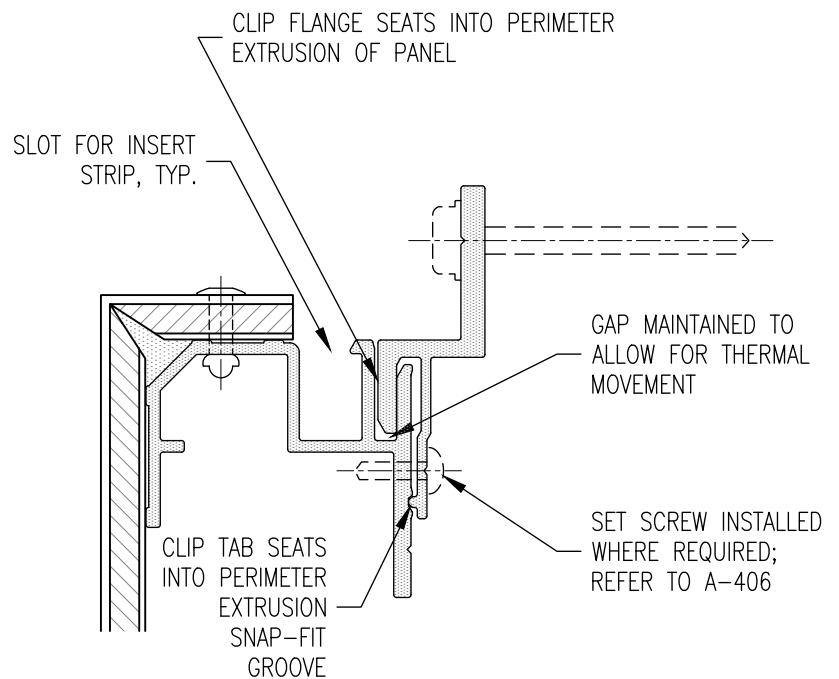
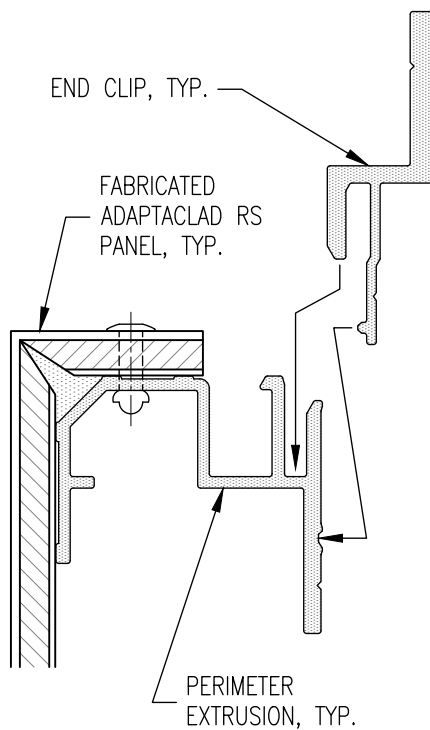
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2

SECTIONS STARTER CLIP

NOTE: STARTER CLIPS INSTALLED TO SUBSTRATE PRIOR TO PANEL MODULE INSTALLATION



3

SECTIONS END CLIP

NOTE: SOME CONDITIONS REQUIRE STAGGERED END CLIPS ON ADJACENT PANELS; REFER TO A-312, A-314, A-404, & A-405



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STARTER & END CLIP OVERVIEW

ADAPTA CLAD RS

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A-103

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TABLE 1: SUBSTRATE COMPATIBILITY			
SUBSTRATE TYPE ¹		MINIMUM CRITERIA	MAXIMUM STRUCTURAL CAPACITY (PSF) [ASD]
COLD-FORMED STEEL FRAMING ² (CFSF)	24" SPACING	18 GA. (43 MILS) F _U = 45 KSI (GRADE 33) 1-1/4" FACE WIDTH	40
	16" SPACING		60
	ALIGNED		100
PLYWOOD ³		15/32" (1/2" NOM)	60
		19/32" (5/8" NOM)	100
OSB ⁴		19/32" (5/8" NOM)	60
CONCRETE		NORMAL WEIGHT 2,500 PSI	100
CMU (ASTM C90)		NORMAL WEIGHT 2,000 PSI 1-1/4" FACE SHELL	100
1. INSTALLATION OVER OPEN FRAMING NOT PERMITTED (I.E., CONDITIONS EXPOSING BACK SIDE OF PANELS TO WIND LOADS OR OPEN TO INTERIOR SPACE) 2. REFER TO A-105 FOR FRAMING ALIGNMENT OPTIONS 3. STRUCTURAL CAPACITY BASED ON PULLOUT FROM PLYWOOD SHEATHING WITH SPECIFIC GRAVITY = 0.55 (SOUTHERN PINE) 4. STRUCTURAL CAPACITY BASED ON PULLOUT FROM OSB SHEATHING WITH SPECIFIC GRAVITY = 0.49 (SOUTHERN PINE)			



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SUBSTRATE COMPATIBILITY

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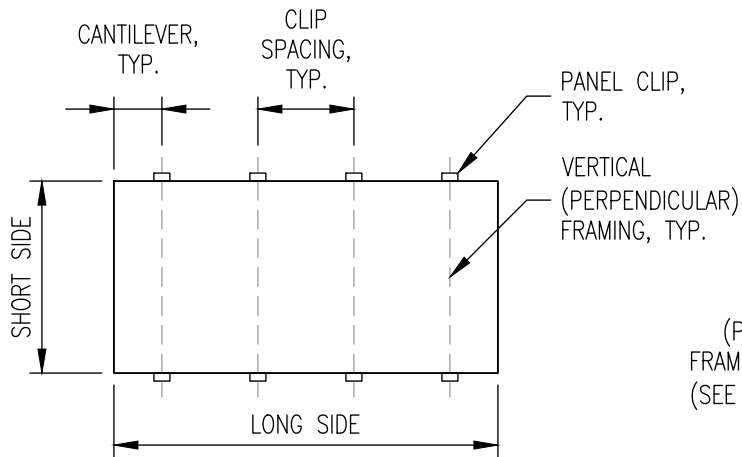
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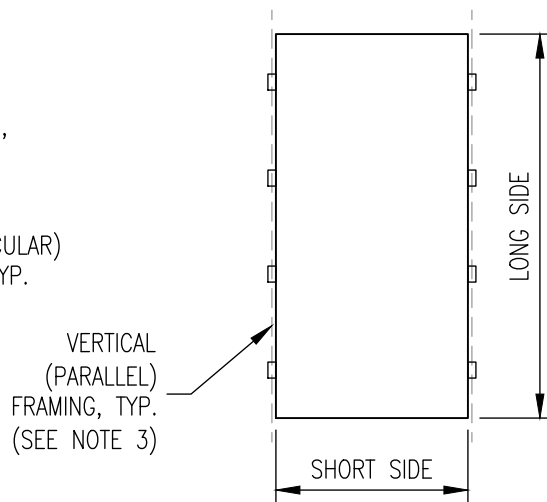
Detail Set:
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Dwg. No.:
A-104

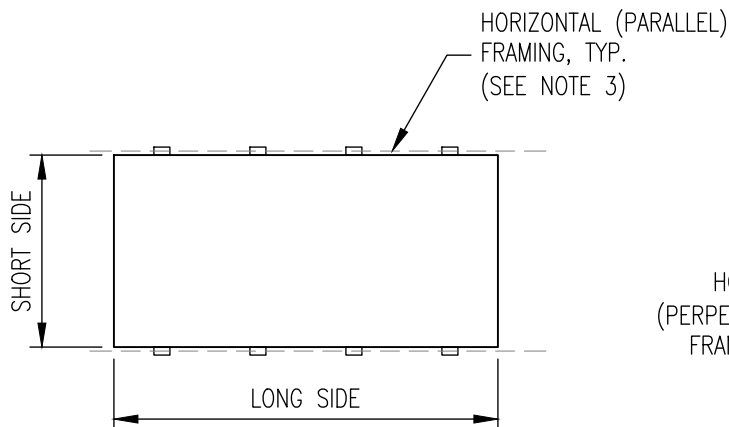
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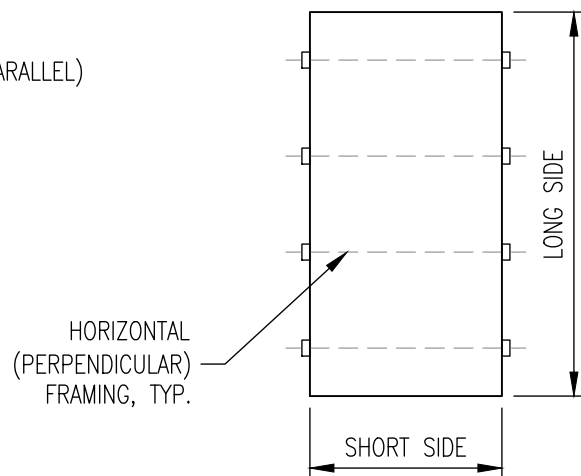
1 TYPICAL LANDSCAPE PANEL
VERTICAL FRAMING (PERPENDICULAR)



2 TYPICAL PORTRAIT PANEL
VERTICAL FRAMING (ALIGNED)



3 TYPICAL LANDSCAPE PANEL
HORIZONTAL FRAMING (ALIGNED)



4 TYPICAL PORTRAIT PANEL
HORIZONTAL FRAMING (PERP.)

NOTES:

1. PANEL CLIPS REQUIRED ON LONG SIDES OF PANEL ONLY
2. PANEL CLIPS CAN INTERFACE WITH VERTICAL OR HORIZONTAL FRAMING PERPENDICULAR OR PARALLEL TO THE LONG SIDES OF PANEL AS SHOWN ABOVE
3. VERTICAL OR HORIZONTAL FRAMING PARALLEL TO THE LONG SIDES OF PANEL REQUIRES ALIGNED FRAMING WHERE PANEL JOINT CENTERLINE IS ALIGNED WITH FACE FLANGE OF FRAMING; REFER TO A-108 FOR ALIGNMENT EXAMPLE
4. ALIGNED FRAMING IS REQUIRED FOR HIGHER WIND LOAD CAPACITIES (AS INDICATED ON A-104) WHERE TIGHTER CLIP SPACING AND CANTILEVER LIMITS MAKE FRAMING COORDINATION DIFFICULT



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FRAMING ALIGNMENT OPTIONS

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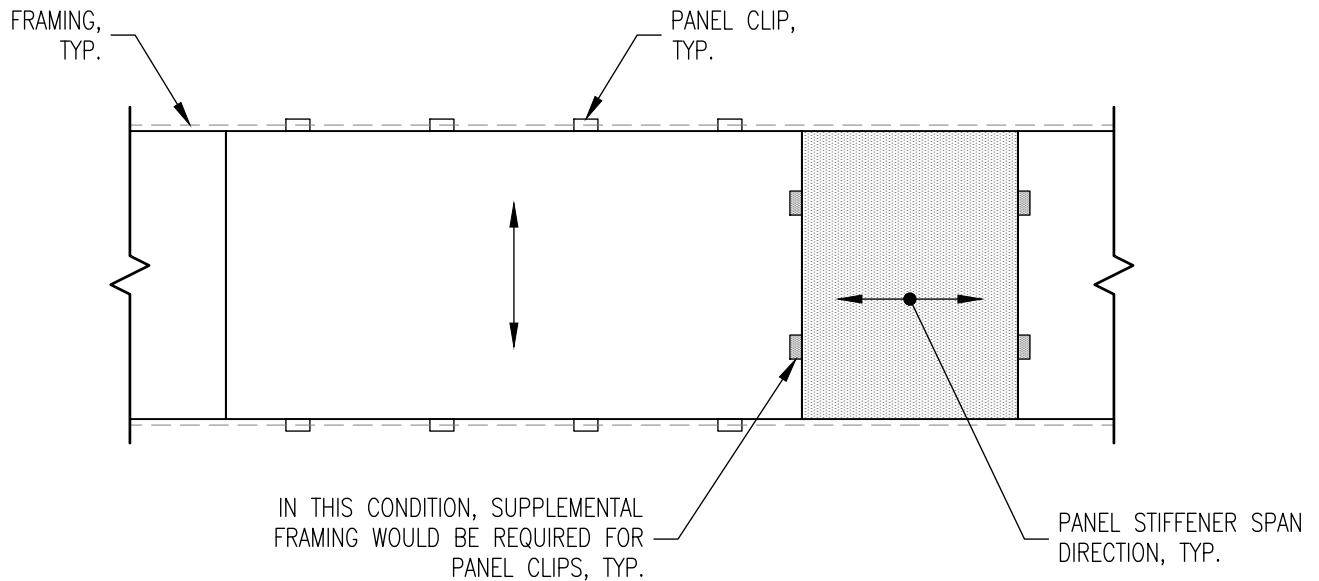
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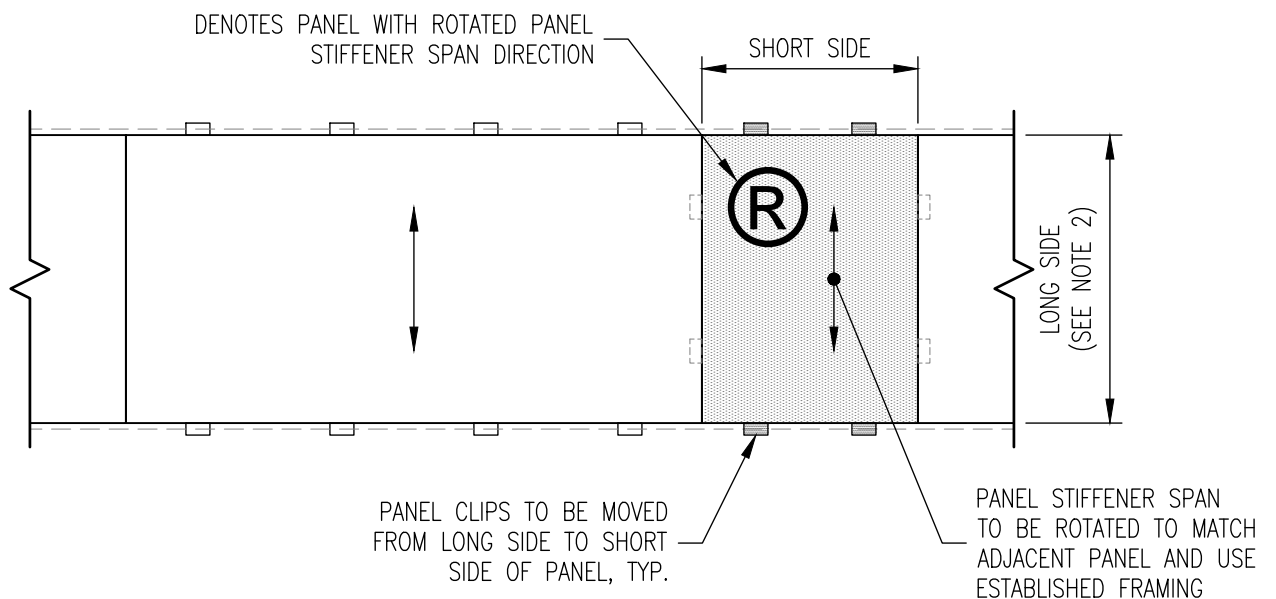
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AC-RS

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A-105

Rev:
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1 PARTIAL ELEVATION TYP. SPAN DIRECTIONS



2 PARTIAL ELEVATION ROTATED SPAN DIRECTION

NOTES:

1. ELEVATIONS ARE REPRESENTATIVE (E.G., FRAMING MAY BE HORIZONTAL OR VERTICAL); PROJECT-SPECIFIC CONDITIONS WILL VARY
2. ROTATED PANEL STIFFENER SPAN DIRECTION PERMITTED FOR PANELS WITH LONG SIDES UP TO 58"
3. ROTATED PANEL STIFFENER SPAN DIRECTION MUST BE COORDINATED WITH SHOP DRAWINGS BASED ON PROJECT-SPECIFIC CONDITIONS



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PANEL STIFFENER ROTATION

ADAPTACLAD RS

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A-106

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TABLE 2: NFPA 285 COMPLIANCE OPTIONS ^{1 2 3}

BASE WALL	EXTERIOR SHEATHING	CONTINUOUS INSULATION	Z-GIRT	MAXIMUM PERMITTED AIR GAP ⁴	
STUD FRAMING ⁵	EXTERIOR GRADE GYPSUM SHEATHING ⁶	RIGID POLYISO ⁸ 4-1/2" (MAX) THICKNESS	STEEL OR FIBERGLASS (HORIZONTAL ORIENTATION ONLY) NONE REQUIRED WITH FRT PLYWOOD-FACED RIGID POLYISO	2-1/2"	
	PLYWOOD SHEATHING ⁷	FRT PLYWOOD-FACED RIGID POLYISO ⁸ 4-1/8" (MAX) THICKNESS			
CONCRETE		MINERAL WOOL			
CMU					

1. COMPLIANCE OPTIONS PRESENTED ARE BASED ON TESTING PERFORMED BY LAMINATORS IN COMBINATION WITH AN ENGINEERING EVALUATION (EEV) PREPARED BY A THIRD-PARTY FIRE CONSULTANT
2. OPTIONS PRESENTED ARE NOT COMPREHENSIVE AND ADDITIONAL OPTIONS OR LIMITATIONS MAY EXIST BASED ON PROJECT-SPECIFIC CONDITIONS; CONTACT LAMINATORS TECHNICAL SERVICES FOR MORE INFORMATION
3. COMPLIANT AIR AND WATER BARRIER (AWB) / WATER-RESISTIVE BARRIER (WRB) PRODUCTS ARE INDICATED IN THE EEV AVAILABLE FROM LAMINATORS
4. MAXIMUM PERMITTED AIR GAP IS MEASURED FROM FACE OF SHEATHING (OR EXTERIOR INSULATION, IF PRESENT) TO INTERIOR FACE OF ADAPTA CLAD RS PANEL (REFER TO A-108)
5. 18 GA. (MIN) CFSF; FRT (FIRE-RETARDANT-TREATED) WOOD FRAMING MAY BE PERMITTED IN SOME ASSEMBLIES
6. 1/2" (MIN)
7. FRT PLYWOOD MAY BE PERMITTED IN SOME ASSEMBLIES; MAY REQUIRE A LAYER OF EXTERIOR GRADE GYPSUM SHEATHING BEHIND THE FRT PLYWOOD
8. SPECIFIC COMPLIANT PRODUCTS ARE INCLUDED IN THE EEV AVAILABLE FROM LAMINATORS

IMPORTANT NOTICE: THE DESIGN PROFESSIONAL OF RECORD (DPR) IS RESPONSIBLE FOR ESTABLISHING NFPA 285 COMPLIANCE FOR ANY WALL ASSEMBLY INCORPORATING COMBUSTIBLE COMPONENTS AS REQUIRED BY APPLICABLE BUILDING CODE. LAMINATORS TAKES NO RESPONSIBILITY FOR NFPA 285 COMPLIANCE RELATED TO WALL ASSEMBLIES INCORPORATING LAMINATORS PRODUCTS THAT ARE NOT DOCUMENTED UNDER ONE OF THE FOLLOWING: 1) SPECIFIC WALL ASSEMBLIES TESTED BY LAMINATORS, OR 2) AN ENGINEERING EVALUATION (EEV) SUPPLIED BY LAMINATORS FROM A THIRD-PARTY FIRE CONSULTANT. IF DOCUMENTED COMPLIANCE IS NOT AVAILABLE FROM LAMINATORS FOR THE PROPOSED WALL ASSEMBLY, THE DPR IS RESPONSIBLE FOR CONTACTING A THIRD-PARTY FIRE CONSULTANT TO ESTABLISH COMPLIANCE VIA A SEPARATE EEV OR MODIFYING THE PROPOSED WALL ASSEMBLY TO A COMPLIANT CONDITION.



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NFPA 285 COMPLIANCE OPTIONS

ADAPTA CLAD RS

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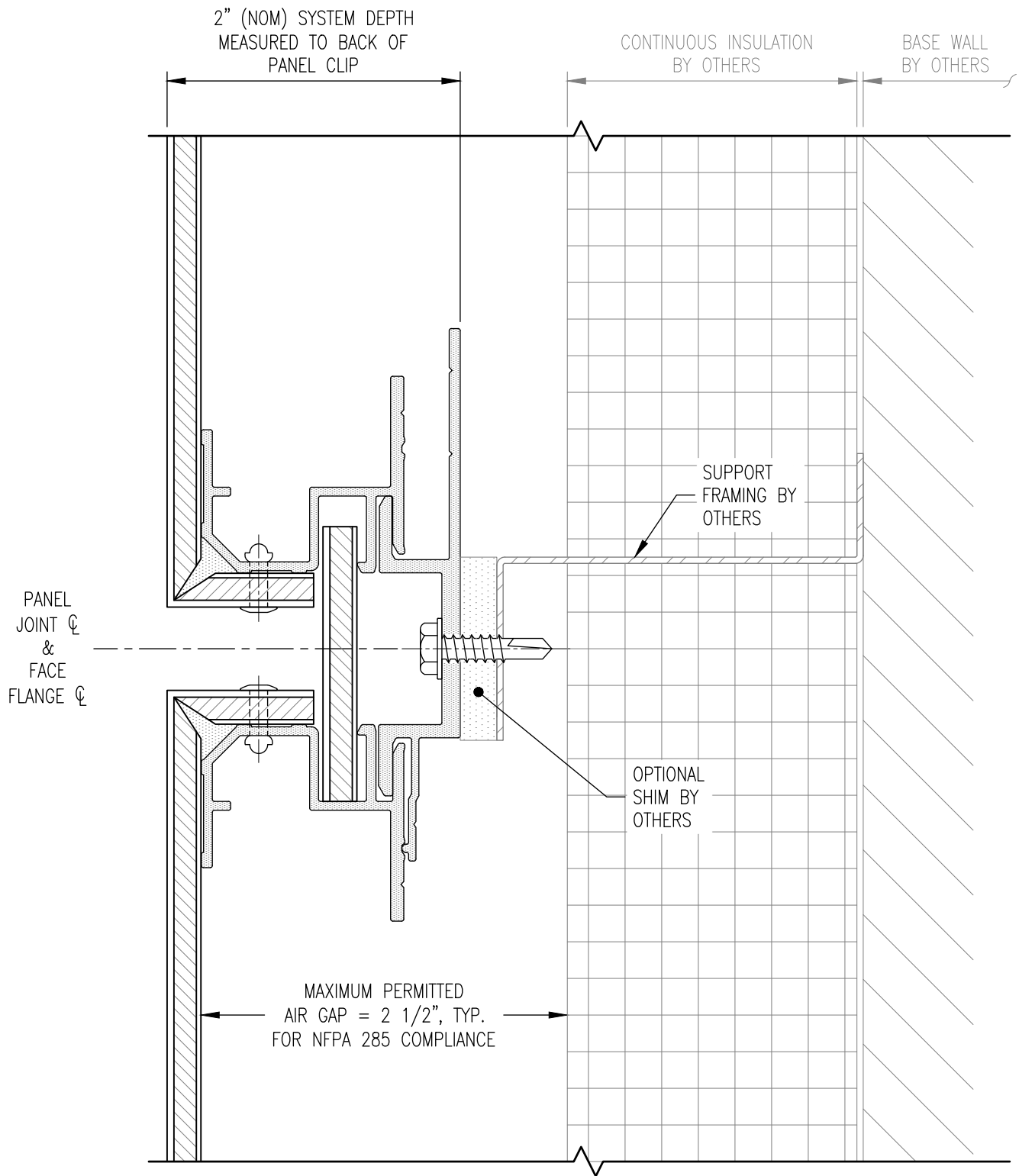
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AC-RS

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A-107

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A-108 SECTION



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JOINT ALIGNMENT & AIR GAP

ADAPTACLAD RS

DESIGN & INSTALLATION DETAILS

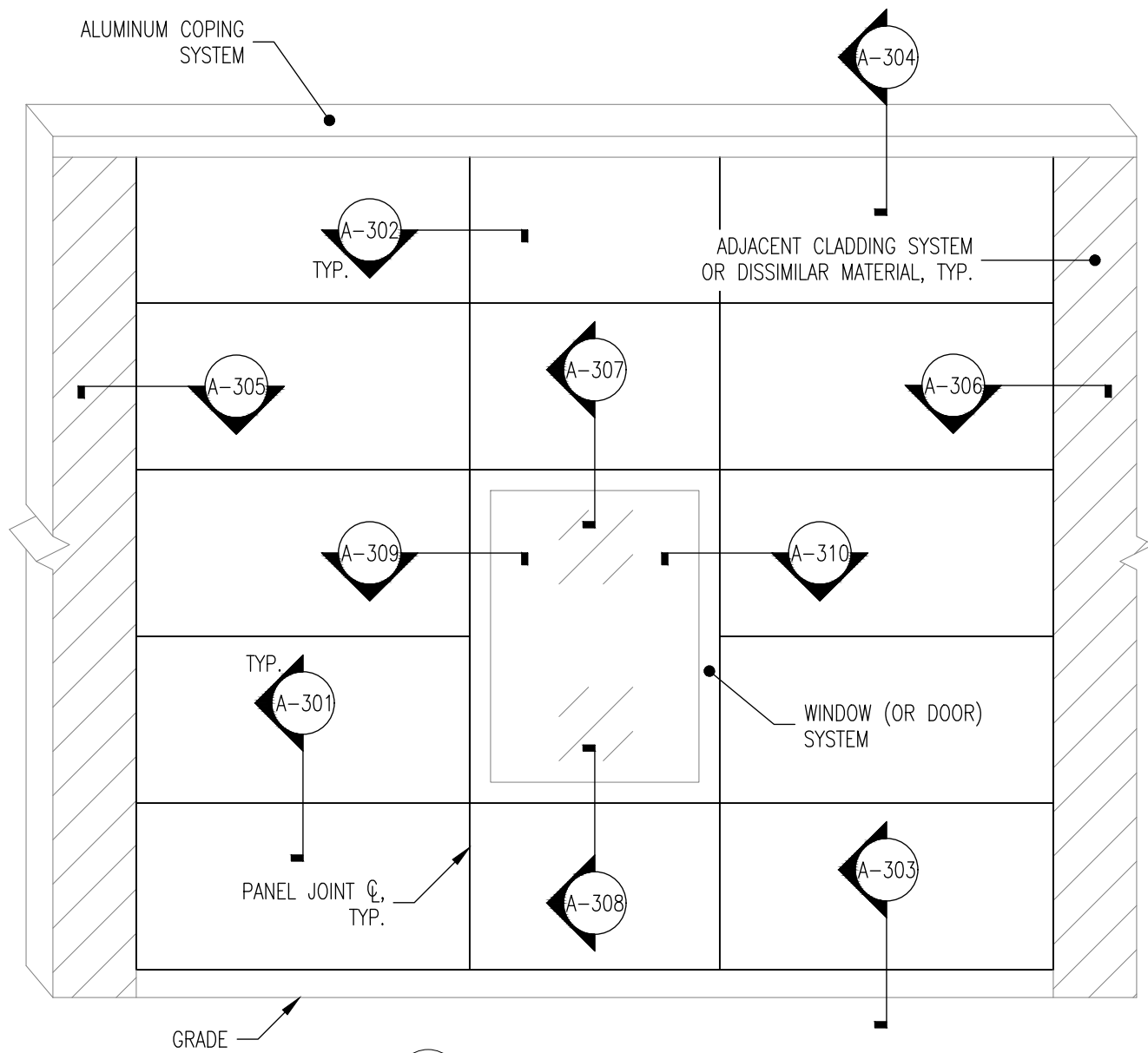
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JJM

Detail Set:
AC-RS

Dwg. No.:
A-108

Rev:
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1 TYPICAL ELEVATION
JOINTS, EDGES, & OPENINGS

NOTES:

1. ELEVATION IS REPRESENTATIVE; PROJECT-SPECIFIC CONDITIONS WILL VARY
2. PROJECT-SPECIFIC SUBSTRATE CONDITIONS MAY REQUIRE SUPPLEMENTAL FRAMING



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TYPICAL ELEVATION - JOINTS, EDGES, & OPENINGS

ADAPTACLAD RS

DESIGN & INSTALLATION DETAILS

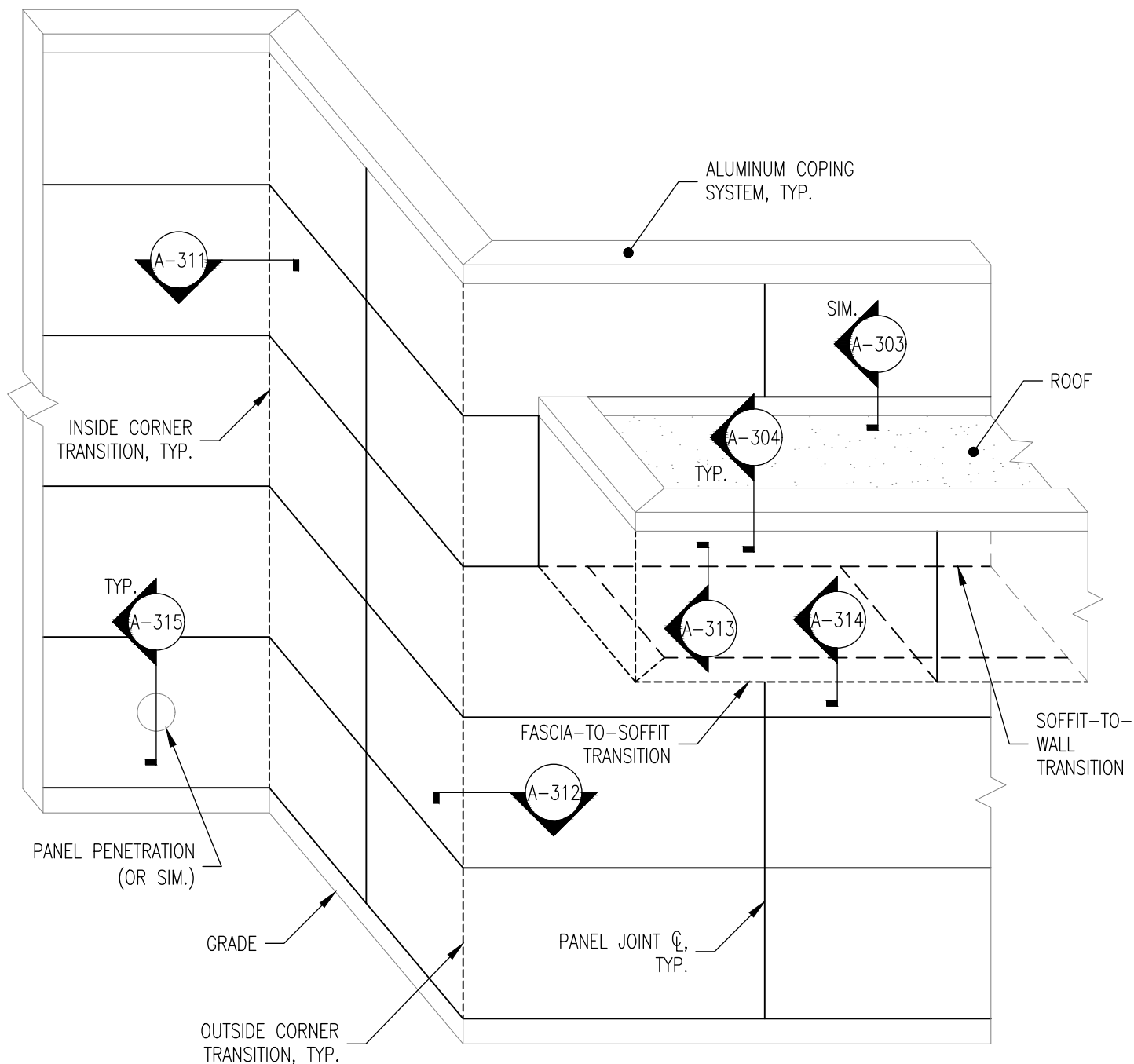
Date:
4/8/2024

Drawn By:
JJM

Detail Set:
AC-RS

Dwg. No.:
A-201

Rev:
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2 TYPICAL ELEVATION TRANSITIONS & PENETRATIONS

NOTES:

1. ELEVATION IS REPRESENTATIVE; PROJECT-SPECIFIC CONDITIONS WILL VARY
2. PROJECT-SPECIFIC SUBSTRATE CONDITIONS MAY REQUIRE SUPPLEMENTAL FRAMING
3. REFER TO A-203 FOR TRANSITION PANEL SIZE REQUIREMENTS



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TYPICAL ELEVATION - TRANSITIONS & PENETRATIONS

ADAPTACLAD RS

DESIGN & INSTALLATION DETAILS

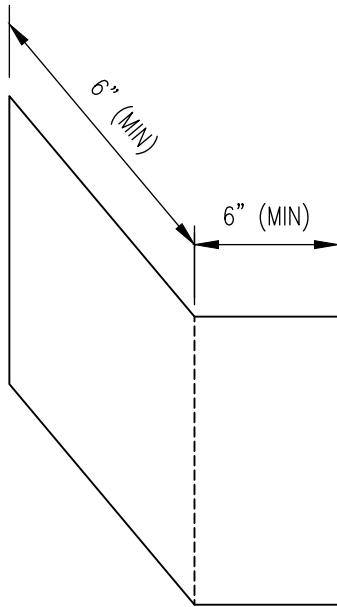
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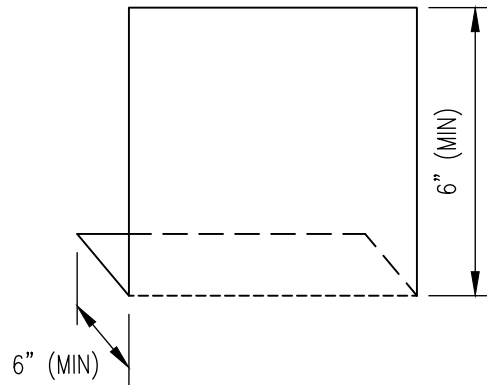
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AC-RS

Dwg. No.:
A-202

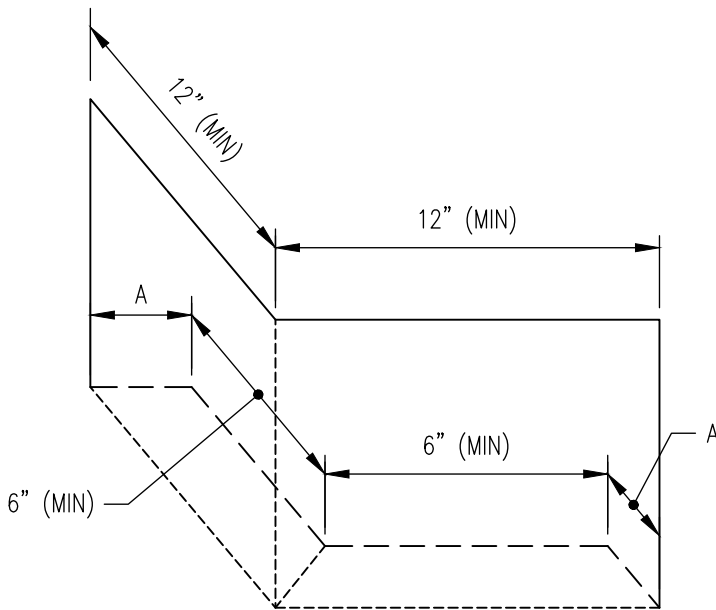
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3 OUTSIDE CORNER
TRANSITION PANEL



4 FASCIA-TO-SOFFIT
TRANSITION PANEL



5 SOFFIT OUTSIDE CORNER
TRANSITION PANEL

TABLE 3: SOFFIT OUTSIDE CORNER RETURN LIMITS		
MAXIMUM STRUCTURAL CAPACITY (PSF) [ASD]	DIMENSION A MINIMUM (INCHES)	DIMENSION A MAXIMUM (INCHES)
40	6	20
60		12
100		8



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TRANSITION PANEL SIZE REQUIREMENTS

ADAPTACLAD RS

DESIGN & INSTALLATION DETAILS

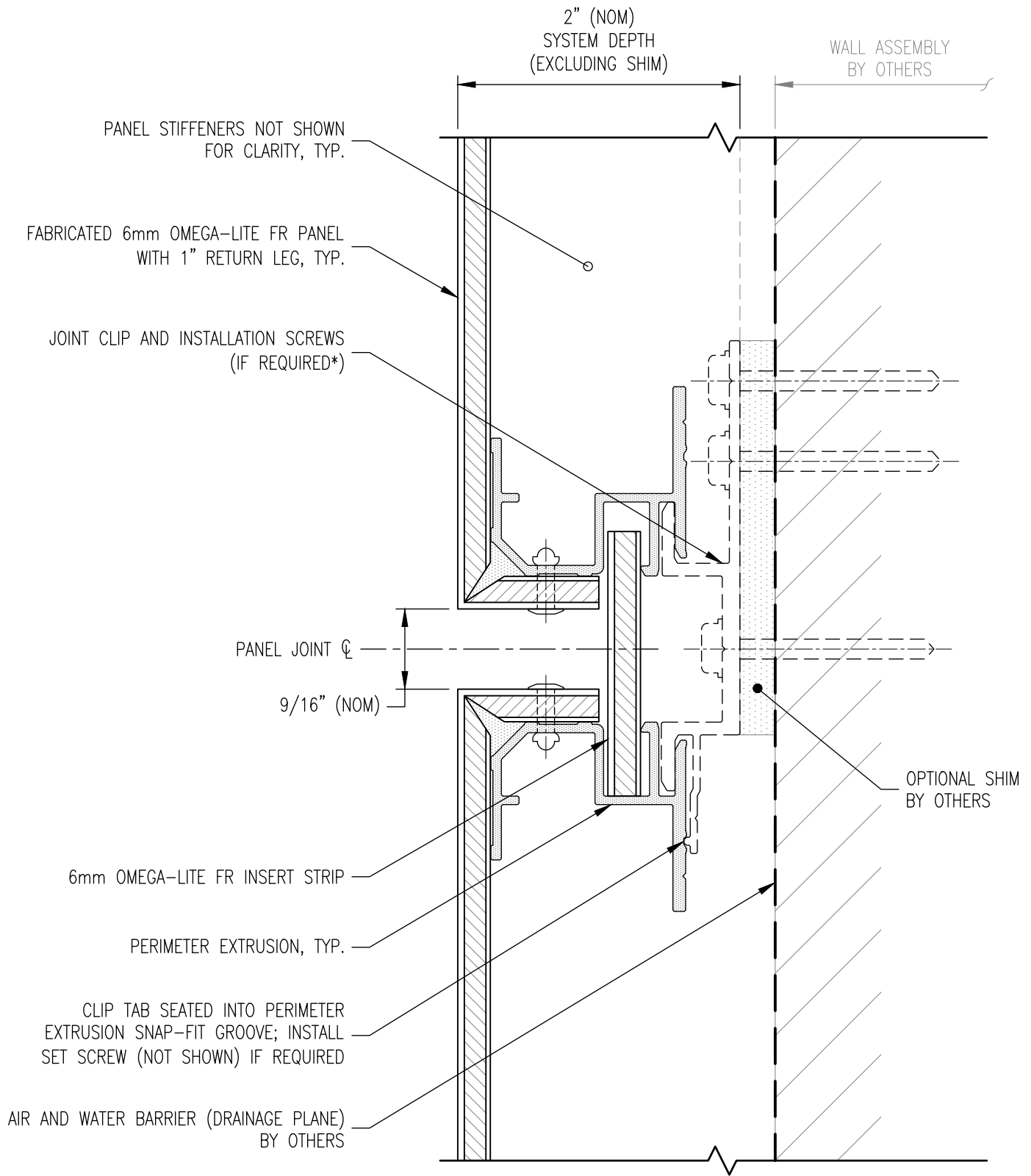
Date:
9/1/2026

Drawn By:
JJM

Detail Set:
AC-RS

Dwg. No.:
A-203

Rev:
00



* PANEL CLIPS REQUIRED ON LONG
SIDES OF PANEL ONLY, TYP.



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HORIZONTAL JOINT DETAIL

ADAPTACLAD RS

DESIGN & INSTALLATION DETAILS

Date:
9/1/2026

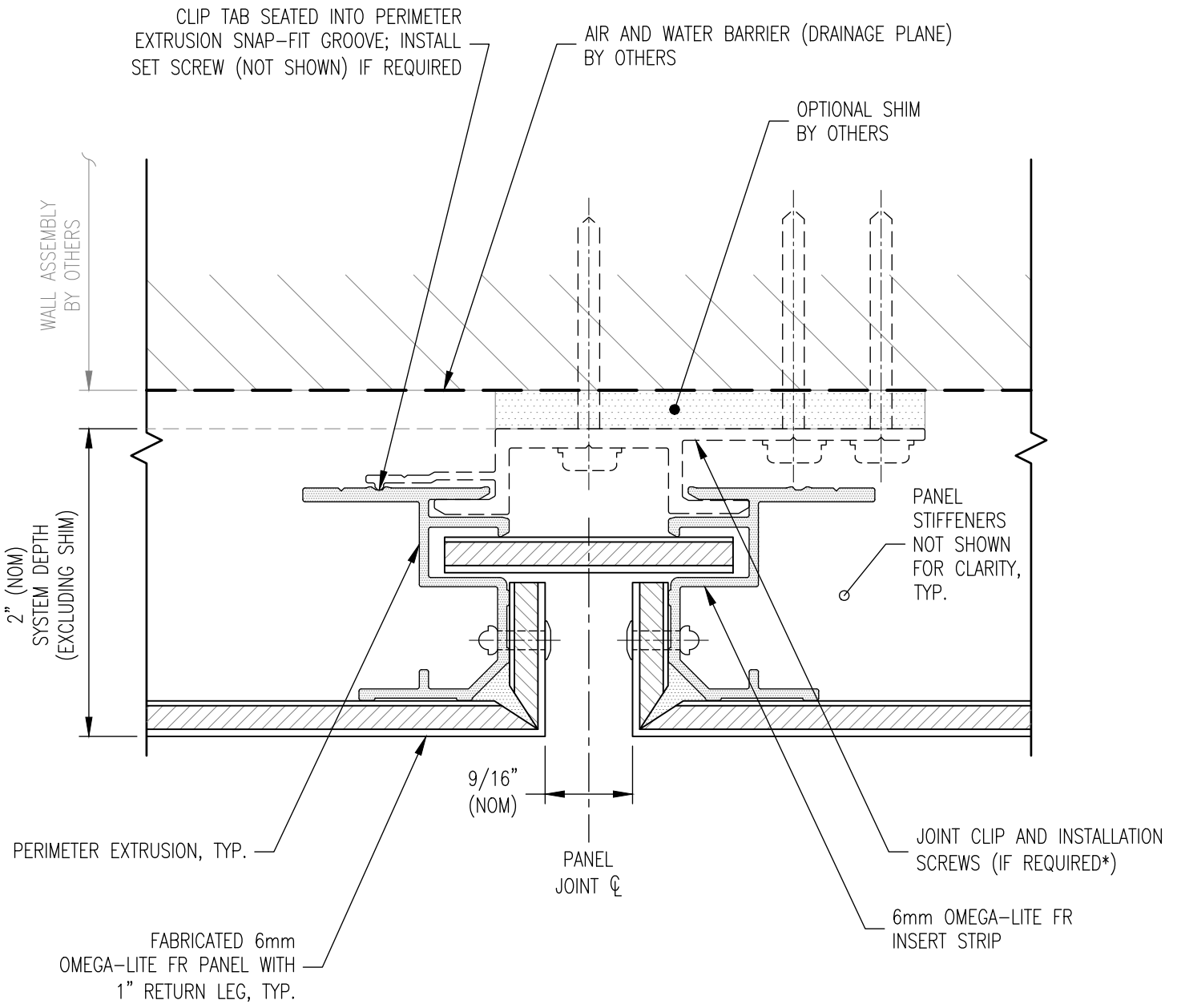
Drawn By:
JJM

Detail Set:
AC-RS

Dwg. No.:
A-301

Rev:
00

* PANEL CLIPS REQUIRED ON LONG SIDES OF PANEL ONLY, TYP.



A-302 PLAN SECTION

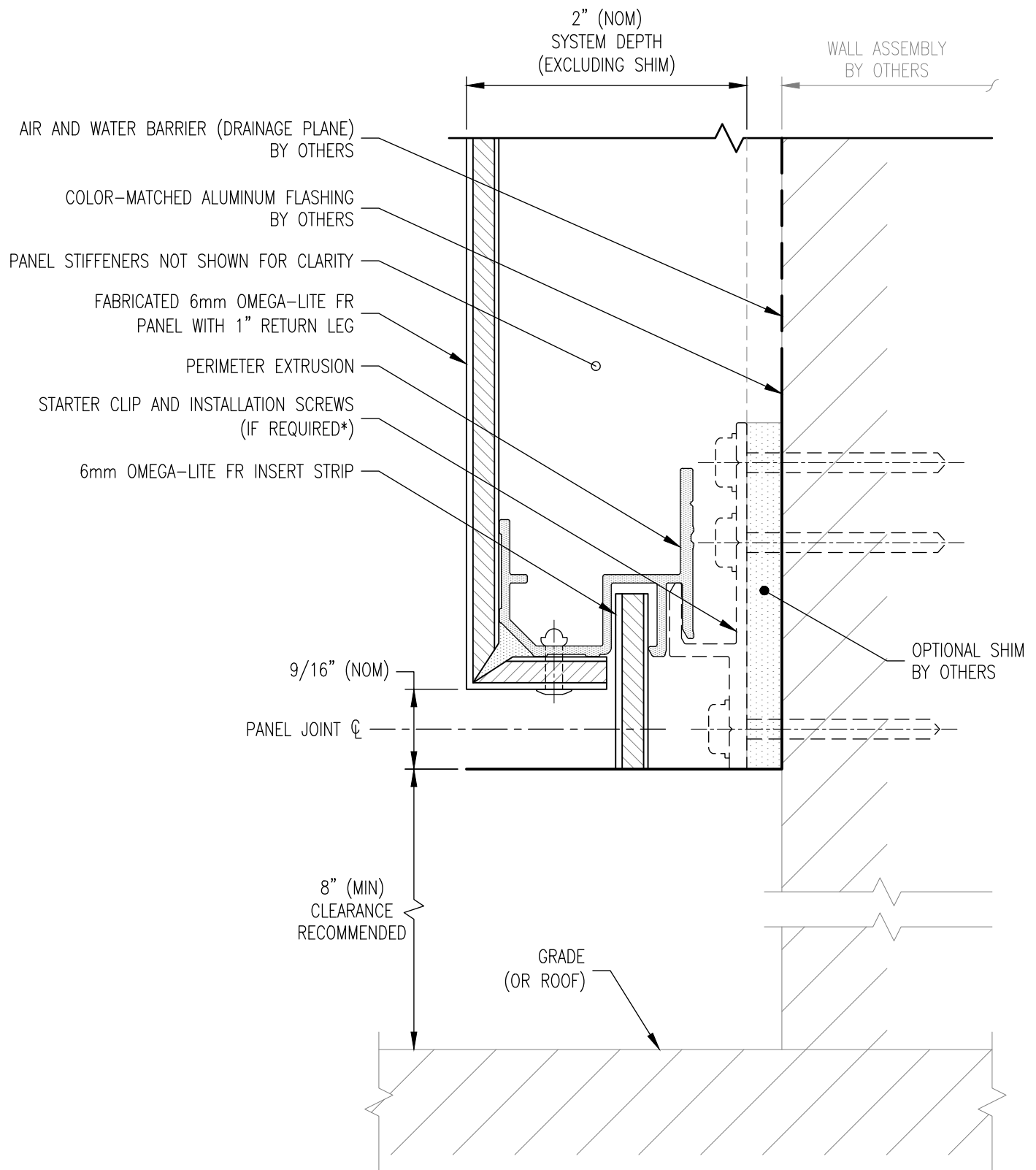


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VERTICAL JOINT DETAIL				
ADAPTACLAD RS				
DESIGN & INSTALLATION DETAILS				
Date: 9/1/2026	Drawn By: JJM	Detail Set: AC-RS	Dwg. No.: A-302	Rev: 00



* PANEL CLIPS REQUIRED ON LONG
SIDES OF PANEL ONLY, TYP.



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BOTTOM HORIZONTAL EDGE DETAIL

ADAPTACLAD RS

DESIGN & INSTALLATION DETAILS

Date:
9/1/2026

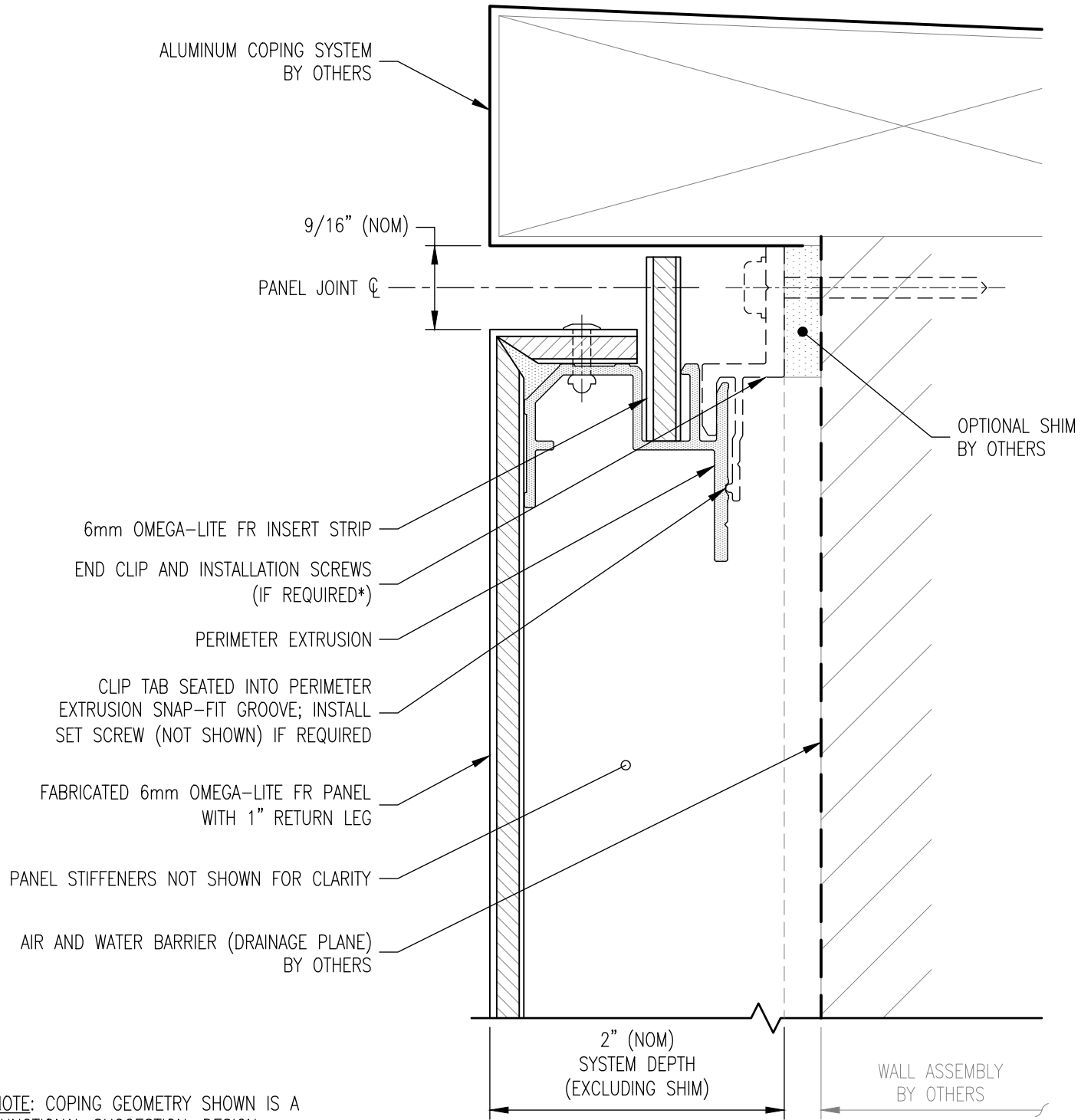
Drawn By:
JJM

Detail Set:
AC-RS

Dwg. No.:
A-303

Rev:
00

* PANEL CLIPS REQUIRED ON LONG SIDES OF PANEL ONLY, TYP.



NOTE: COPING GEOMETRY SHOWN IS A FUNCTIONAL SUGGESTION; DESIGN PROFESSIONAL MAY MODIFY COPING TO CREATE DESIRED AESTHETIC OR TO MEET PROJECT-SPECIFIC CONDITIONS

A-304 SECTION



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TOP HORIZONTAL EDGE DETAIL

ADAPTACLAD RS

DESIGN & INSTALLATION DETAILS

Date:
9/1/2026

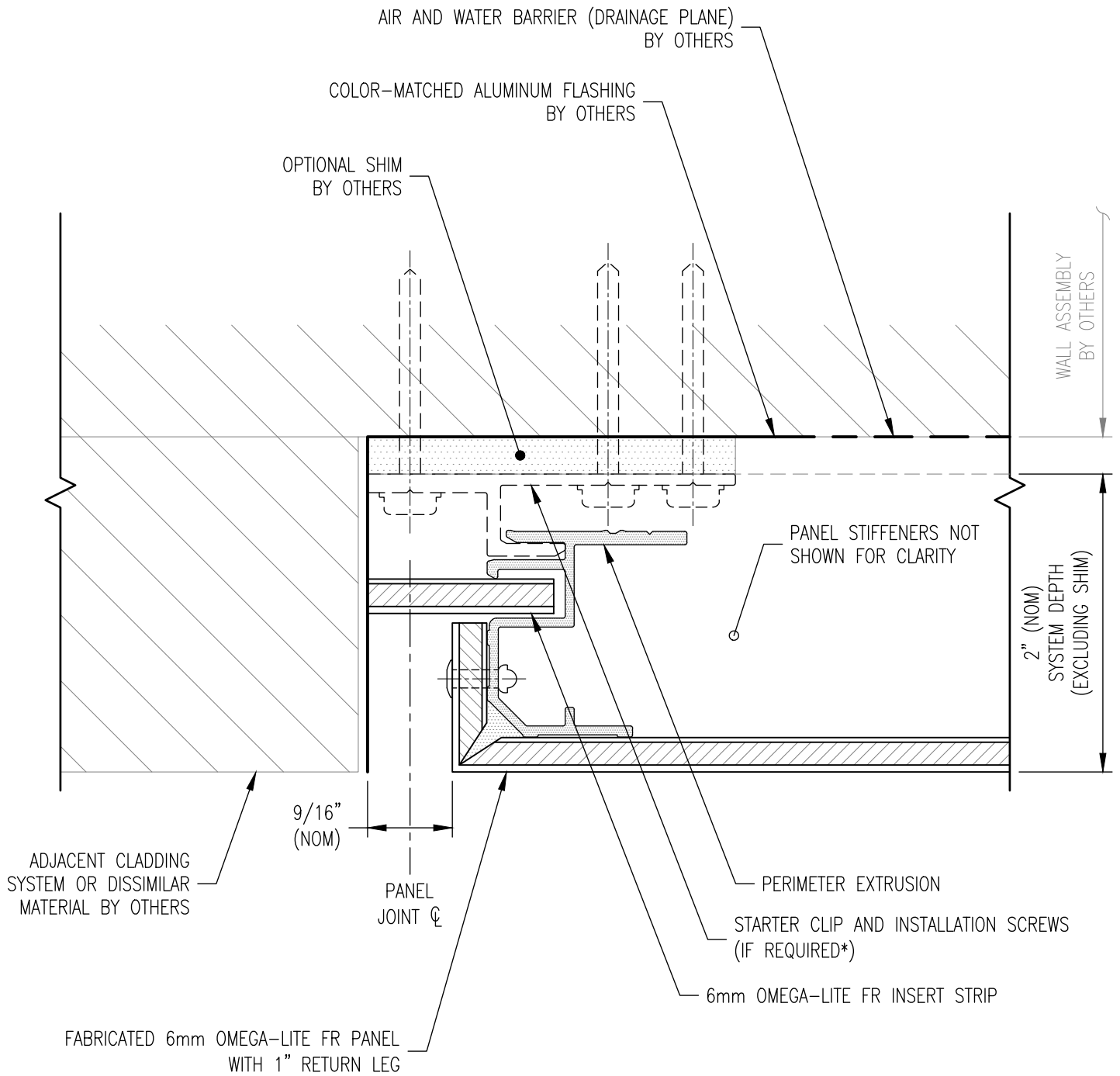
Drawn By:
JJM

Detail Set:
AC-RS

Dwg. No.:
A-304

Rev:
00

* PANEL CLIPS REQUIRED ON LONG SIDES OF PANEL ONLY, TYP.



A-305 PLAN SECTION



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800.523.2347

LEFT VERTICAL EDGE DETAIL

ADAPTACLAD RS

DESIGN & INSTALLATION DETAILS

Date:
9/1/2026

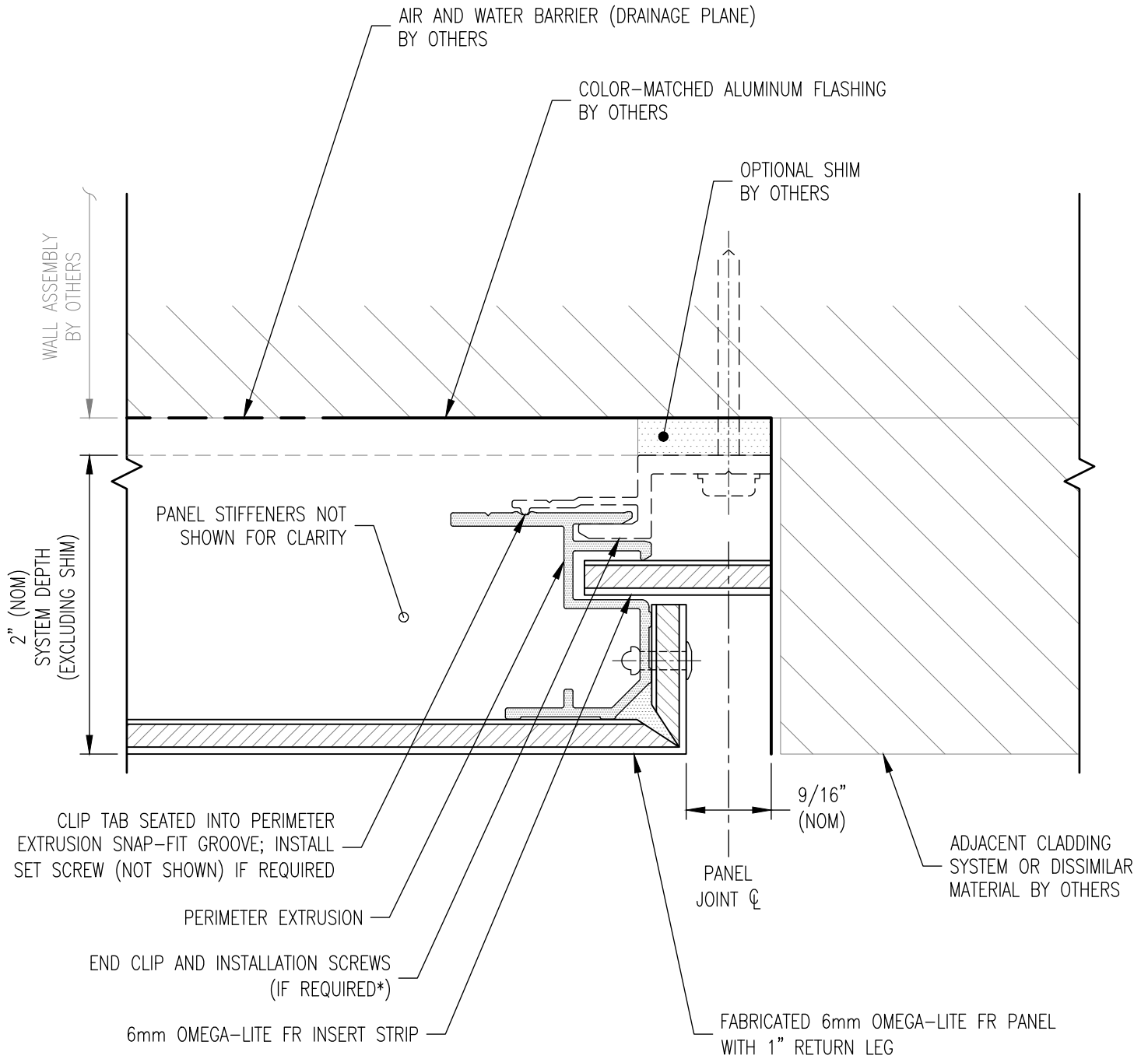
Drawn By:
JJM

Detail Set:
AC-RS

Dwg. No.:
A-305

Rev:
00

* PANEL CLIPS REQUIRED ON LONG SIDES OF PANEL ONLY, TYP.



A-306 PLAN SECTION



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RIGHT VERTICAL EDGE DETAIL

ADAPTACLAD RS

DESIGN & INSTALLATION DETAILS

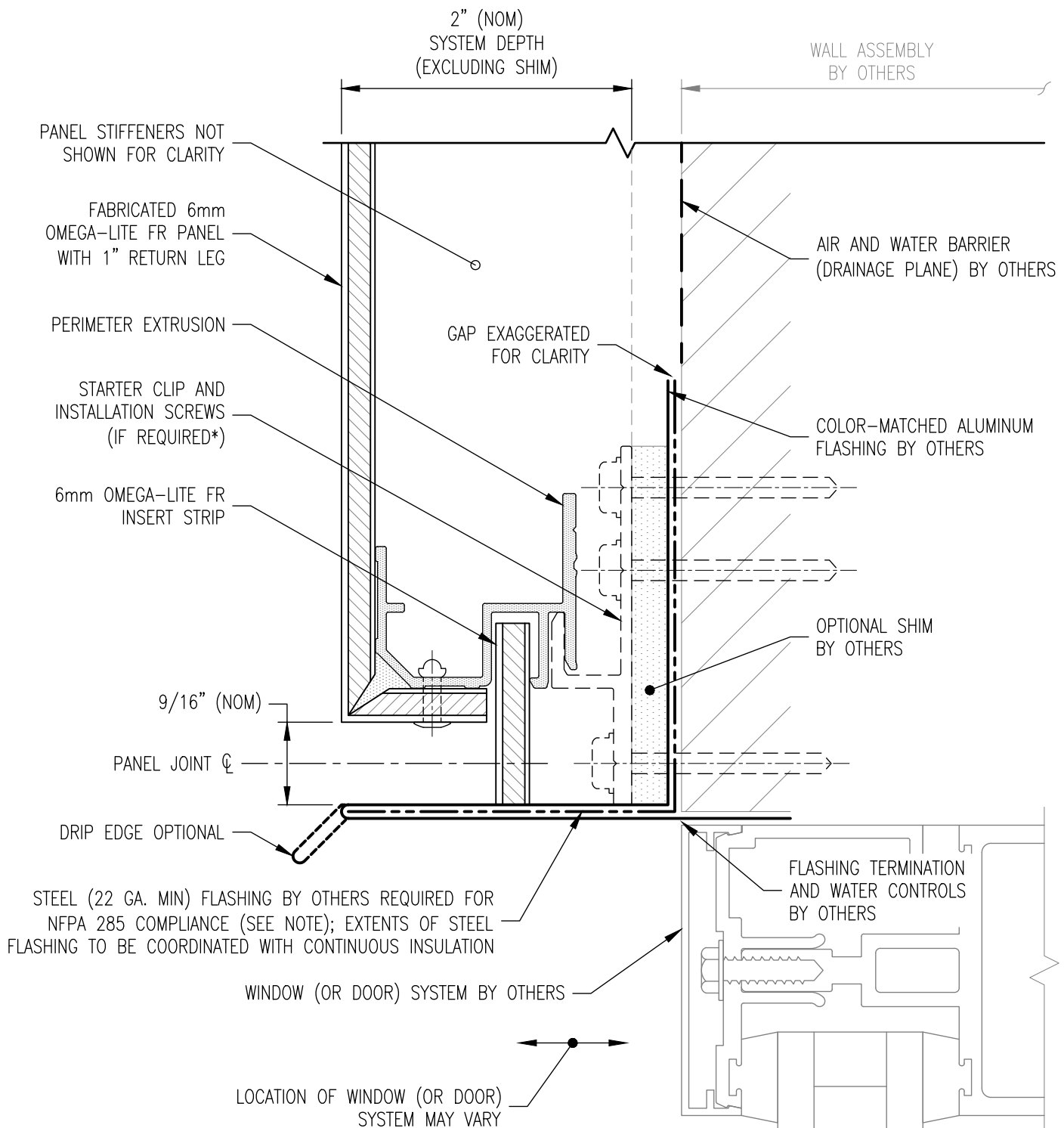
Date:
9/1/2026

Drawn By:
JJM

Detail Set:
AC-RS

Dwg. No.:
A-306

Rev:
00



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HEAD DETAIL AT OPENING

ADAPTACLAD RS

DESIGN & INSTALLATION DETAILS

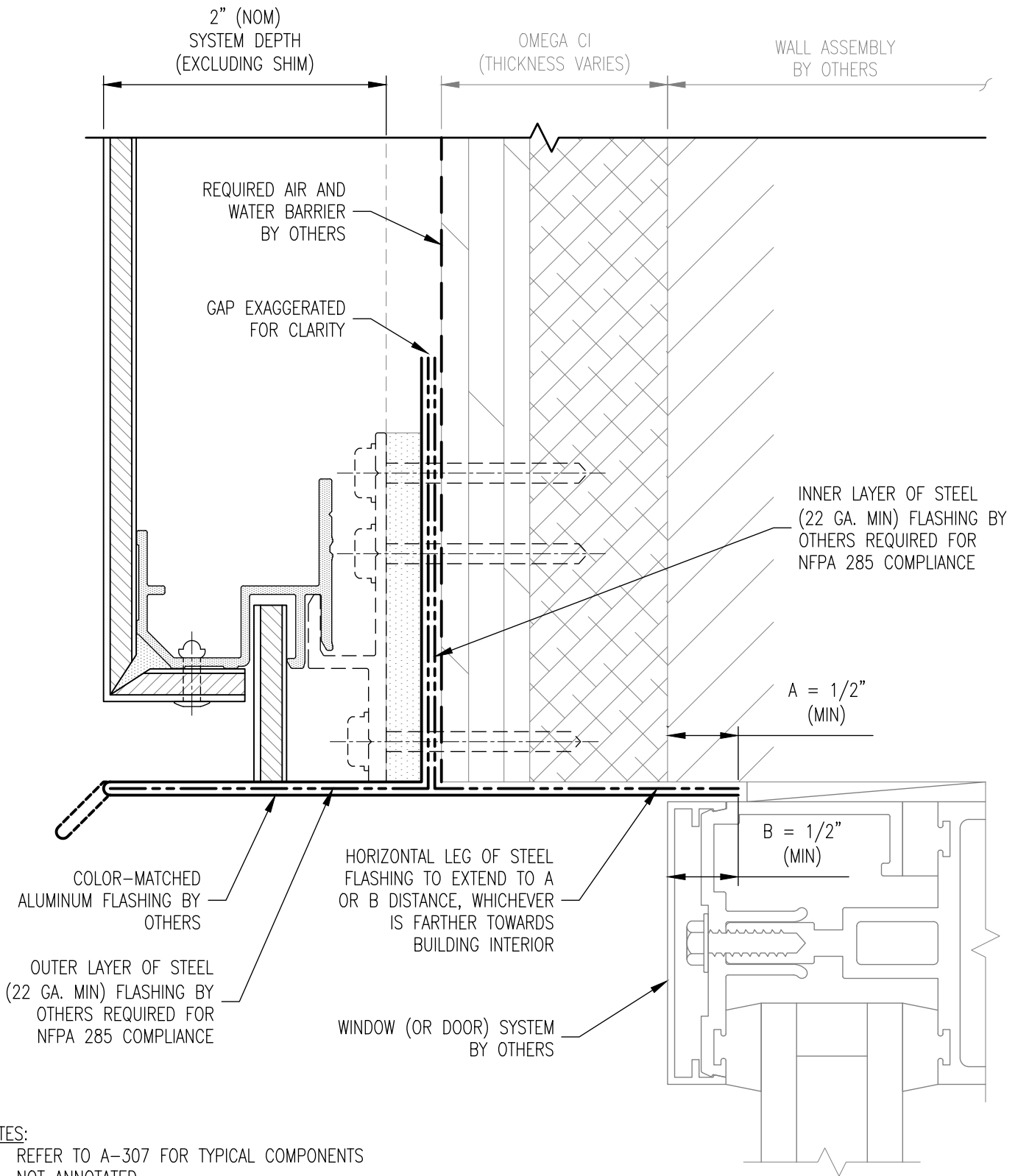
Date:
9/1/2026

Drawn By:
JJM

Detail Set:
AC-RS

Dwg. No.:
A-307

Rev:
00



NOTES:

1. REFER TO A-307 FOR TYPICAL COMPONENTS NOT ANNOTATED
2. REFER TO EEV AVAILABLE FROM LAMINATORS FOR ALTERNATE COMPLIANT FRT PLYWOOD-FACED RIGID INSULATION PRODUCTS

SECTION
A-307.A



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HEAD DETAIL AT OPENING (OMEGA CI)

ADAPTACLAD RS

DESIGN & INSTALLATION DETAILS

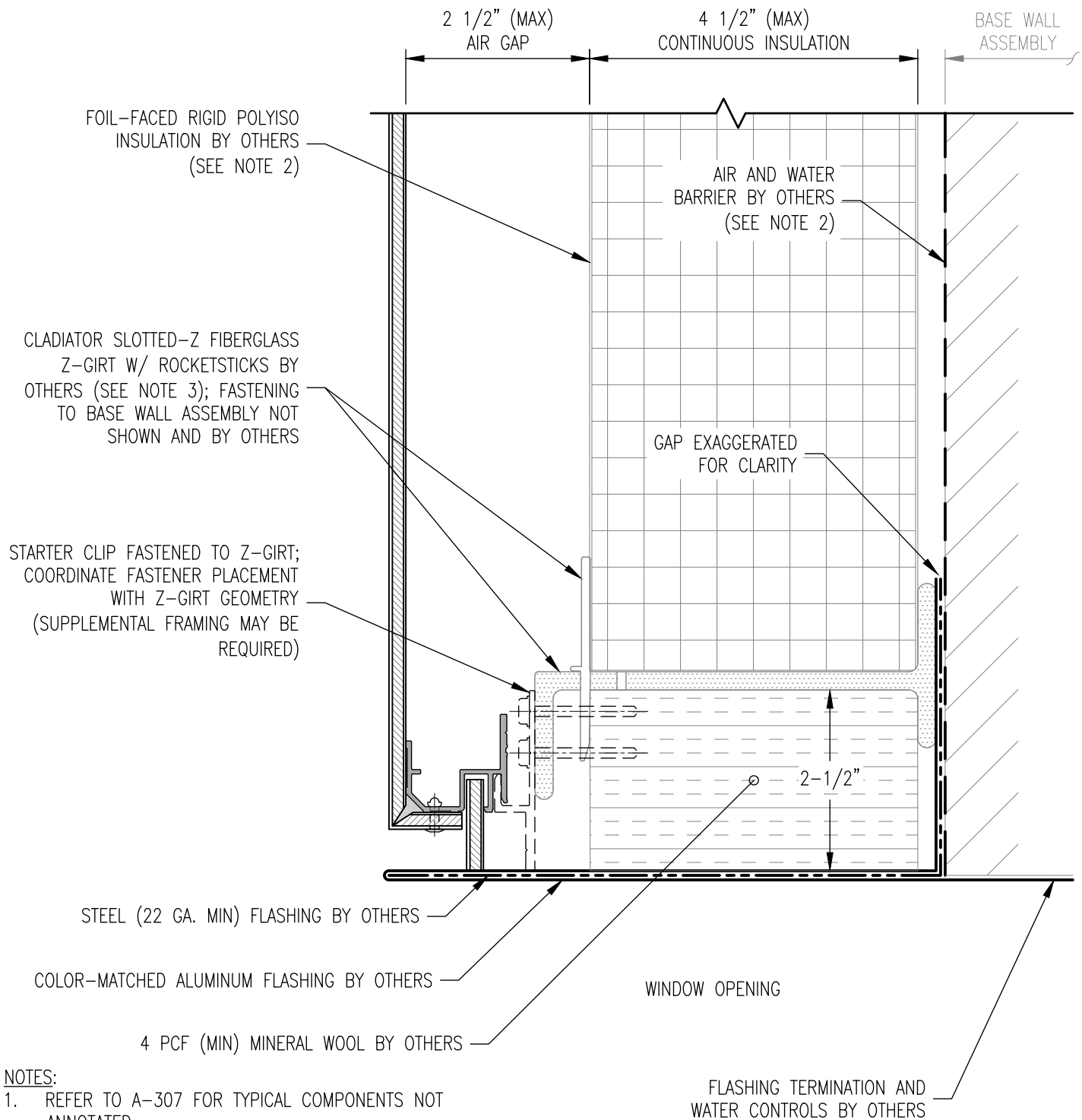
Date:
9/1/2026

Drawn By:
JJM

Detail Set:
AC-RS

Dwg. No.:
A-307.A

Rev:
00



NOTES:

1. REFER TO A-307 FOR TYPICAL COMPONENTS NOT ANNOTATED
2. REFER TO EEV AVAILABLE FROM LAMINATORS FOR COMPLIANT INSULATION AND AWB/WRB PRODUCTS
3. LAMINATORS NFPA 285 TESTING PERFORMED WITH CLADIATOR SLOTTED-Z FIBERGLASS Z-GIRTS; EEV AVAILABLE FROM LAMINATORS PERMITS USE OF 18 GA. (MIN) CFSF IN LIEU OF CLADIATOR PRODUCTS

A-307.B SECTION



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HEAD DETAIL AT OPENING (RIGID INSULATION WITH Z-GIRTS)

ADAPTACLAD RS

DESIGN & INSTALLATION DETAILS

Date:
9/1/2026

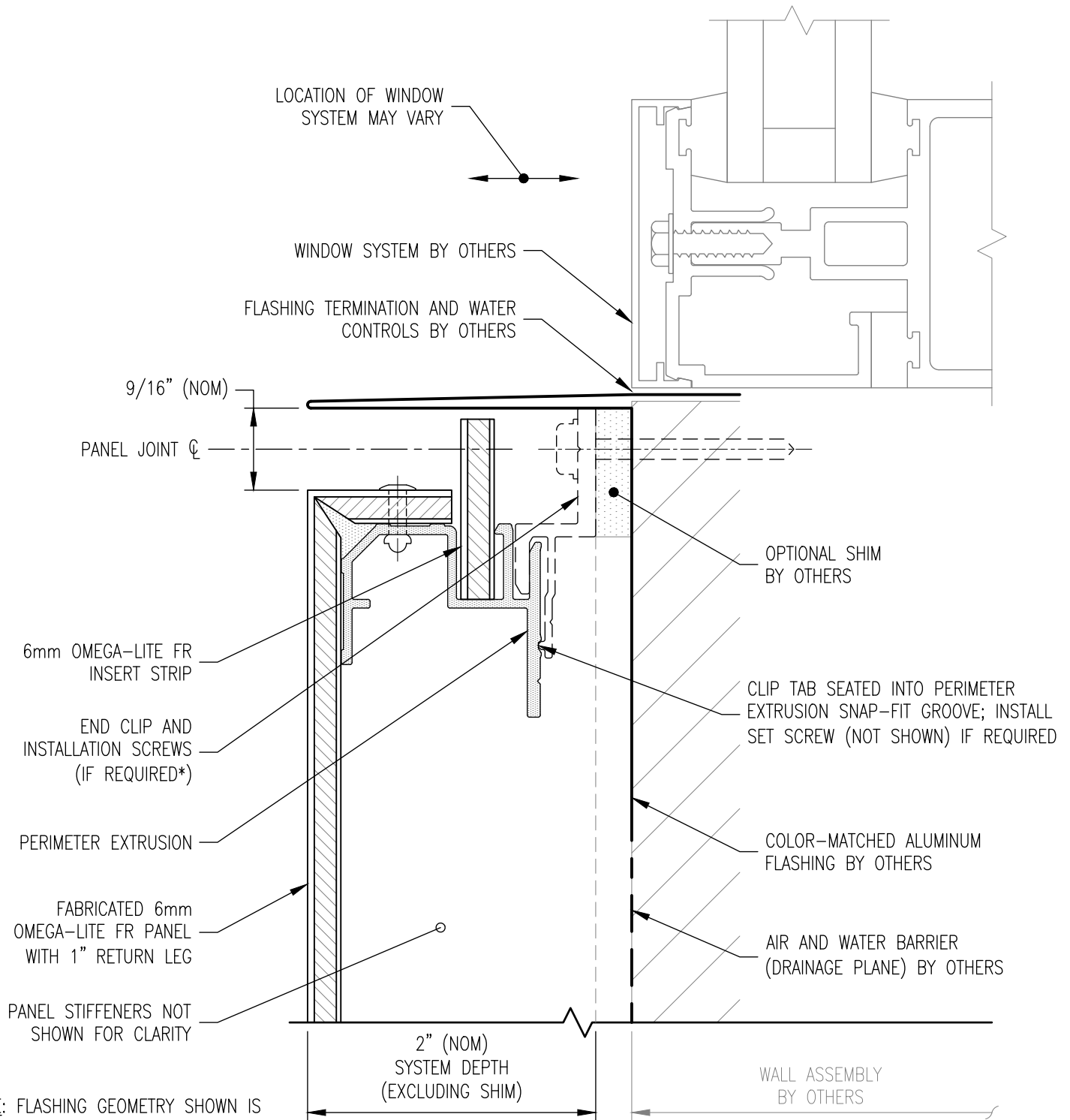
Drawn By:
JJM

Detail Set:
AC-RS

Dwg. No.:
A-307.B

Rev:
00

* PANEL CLIPS REQUIRED ON LONG SIDES OF PANEL ONLY, TYP.



NOTE: FLASHING GEOMETRY SHOWN IS A FUNCTIONAL SUGGESTION; DESIGN PROFESSIONAL MAY MODIFY FLASHING TO CREATE DESIRED AESTHETIC OR TO MEET PROJECT-SPECIFIC CONDITIONS

A-308 SECTION



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SILL DETAIL AT OPENING

ADAPTACLAD RS

DESIGN & INSTALLATION DETAILS

Date:
9/1/2026

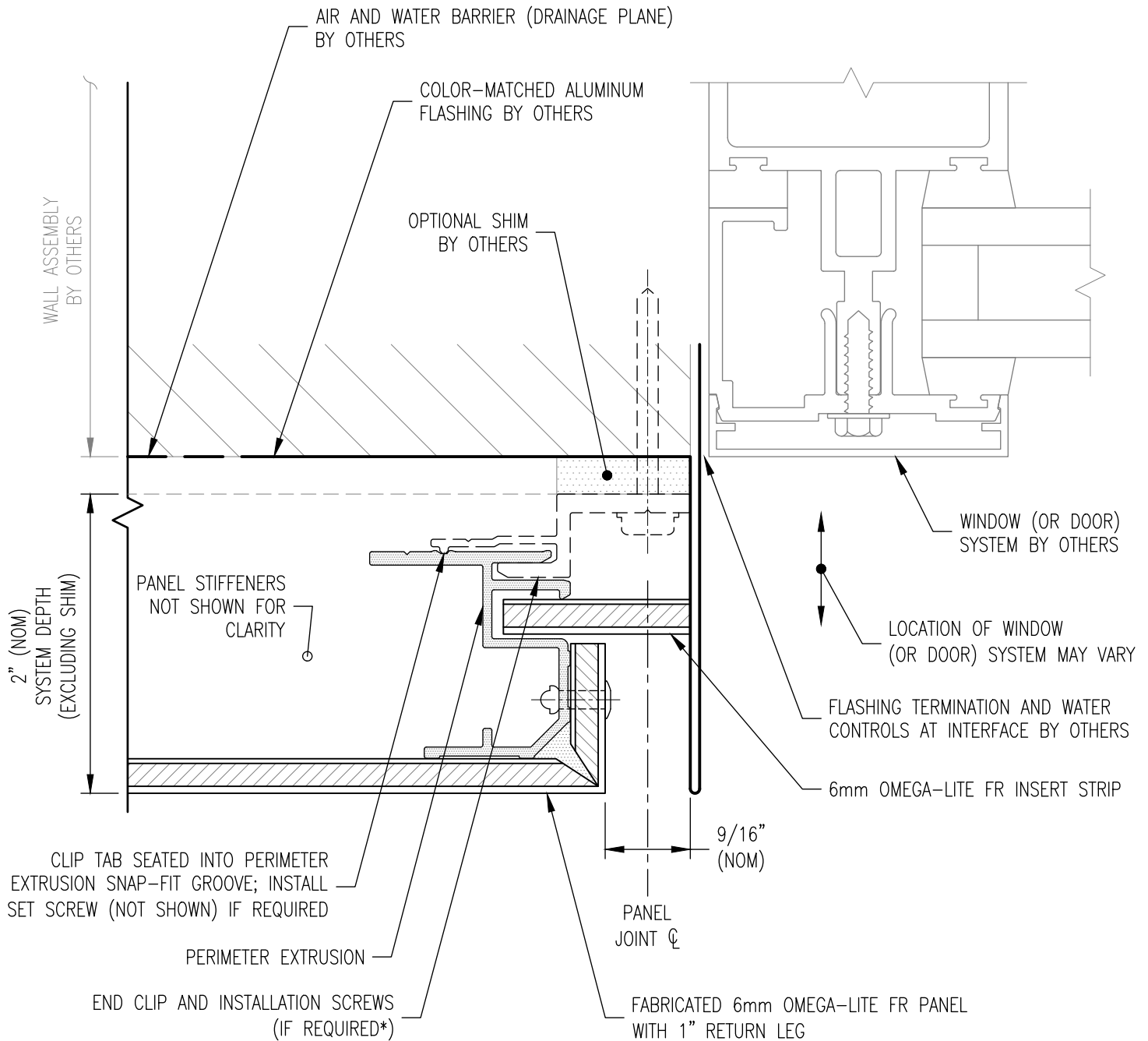
Drawn By:
JJM

Detail Set:
AC-RS

Dwg. No.:
A-308

Rev:
00

* PANEL CLIPS REQUIRED ON LONG SIDES OF PANEL ONLY, TYP.



NOTE: STEEL FLASHING AT JAMB CONDITIONS IS REQUIRED FOR SOME NFPA 285 COMPLIANT ASSEMBLIES CONTAINING CONTINUOUS INSULATION PRODUCTS (REFER TO A-309.A & A-309.B FOR EXAMPLES); CONTACT LAMINATORS TECHNICAL SERVICES FOR MORE INFORMATION

A-309 PLAN SECTION

NOTE: FLASHING GEOMETRY SHOWN IS A FUNCTIONAL SUGGESTION; DESIGN PROFESSIONAL MAY MODIFY FLASHING TO CREATE DESIRED AESTHETIC OR TO MEET PROJECT-SPECIFIC CONDITIONS



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LEFT JAMB DETAIL AT OPENING

ADAPTACLAD RS

DESIGN & INSTALLATION DETAILS

Date:
9/1/2026

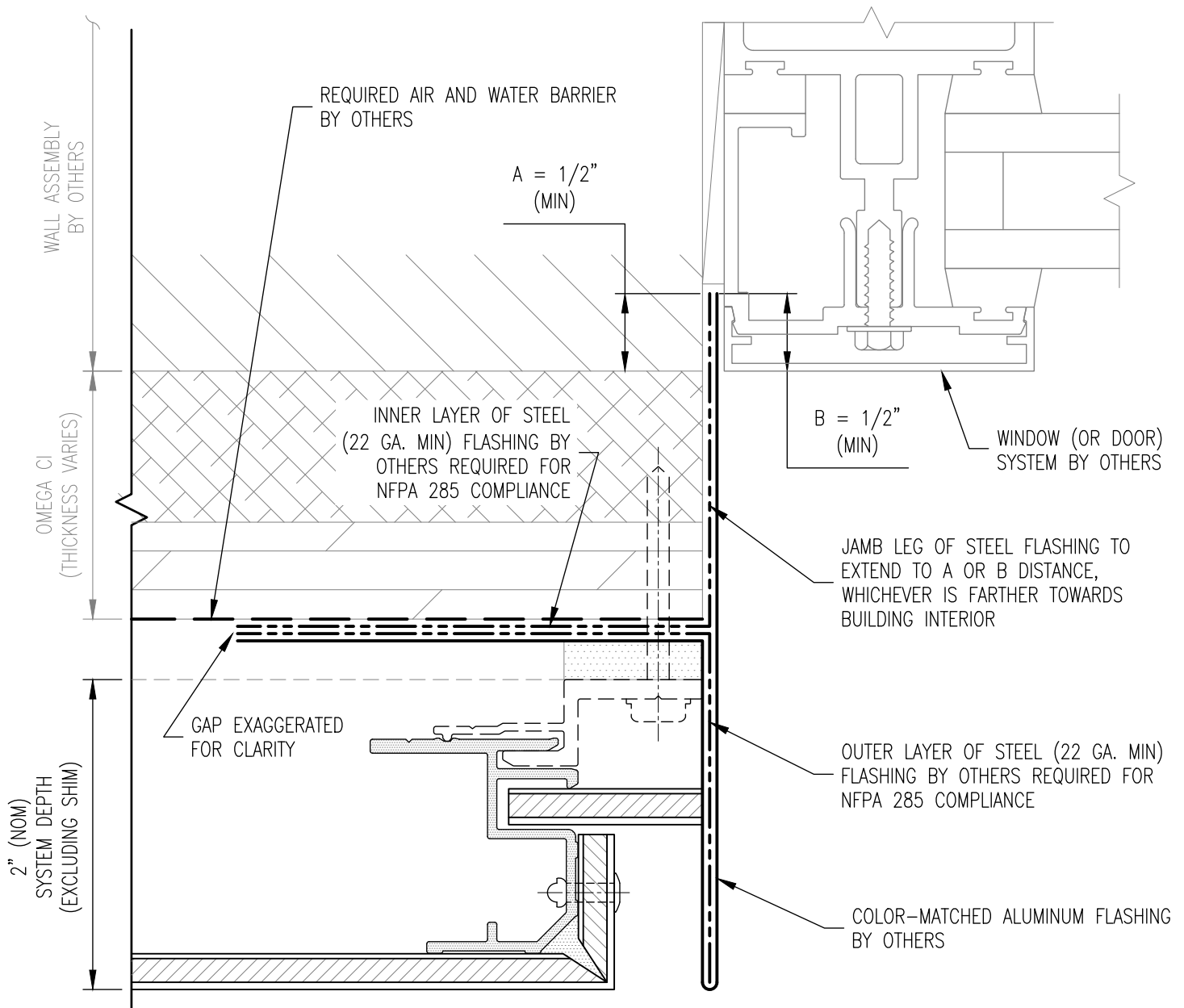
Drawn By:
JJM

Detail Set:
AC-RS

Dwg. No.:
A-309

Rev:
00

LEFT JAMB CONDITION SHOWN;
RIGHT JAMB CONDITION SIMILAR



NOTES:

1. REFER TO A-309 FOR TYPICAL COMPONENTS NOT ANNOTATED
2. REFER TO EEV AVAILABLE FROM LAMINATORS FOR ALTERNATE COMPLIANT FRT PLYWOOD-FACED RIGID INSULATION PRODUCTS

A-309.A

PLAN SECTION



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LEFT JAMB DETAIL AT OPENING (OMEGA CI)

ADAPTACLAD RS

DESIGN & INSTALLATION DETAILS

Date:
9/1/2026

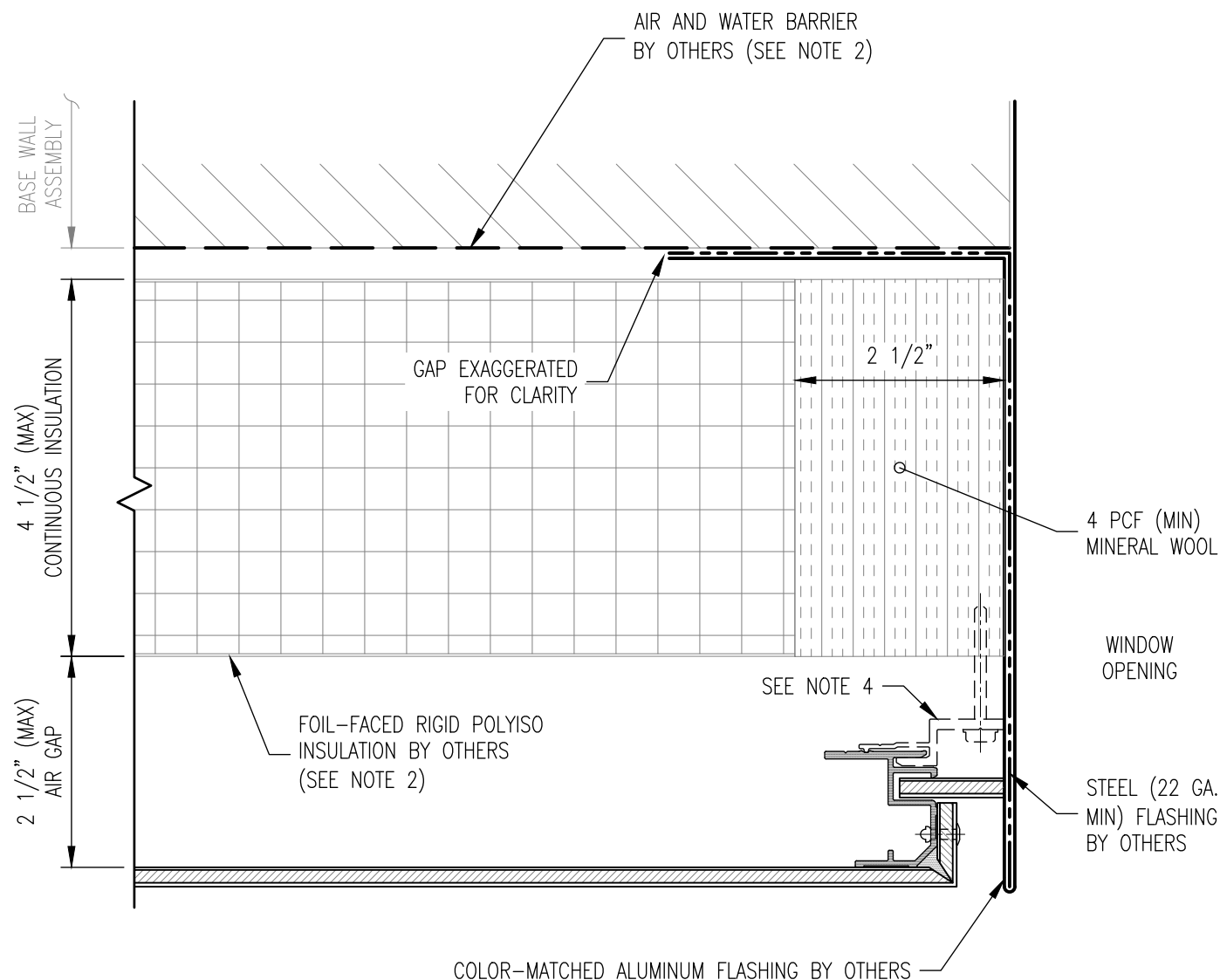
Drawn By:
JJM

Detail Set:
AC-RS

Dwg. No.:
A-309.A

Rev:
00

LEFT JAMB CONDITION SHOWN;
RIGHT JAMB CONDITION SIMILAR



A-309.B PLAN SECTION

NOTES:

1. REFER TO A-309 FOR TYPICAL COMPONENTS NOT ANNOTATED
2. REFER TO EEV AVAILABLE FROM LAMINATORS FOR COMPLIANT INSULATION AND AWB/WRB PRODUCTS
3. LAMINATORS NFPA 285 TESTING PERFORMED WITH CLADIATOR SLOTTED-Z FIBERGLASS Z-GIRTS; EEV AVAILABLE FROM LAMINATORS PERMITS USE OF 18 GA. (MIN) CFSF IN LIEU OF CLADIATOR PRODUCTS
4. DETAIL ASSUMES HORIZONTAL Z-GIRT ORIENTATION WITH PANEL CLIPS LOCATED ON LONG SIDES OF PANEL ONLY; PROVIDE SUPPLEMENTAL FRAMING AS REQUIRED TO SUPPORT CLIP LOCATIONS



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LEFT JAMB DETAIL AT OPENING (RIGID INSULATION WITH Z-GIRTS)

ADAPTACLAD RS

DESIGN & INSTALLATION DETAILS

Date:
9/1/2026

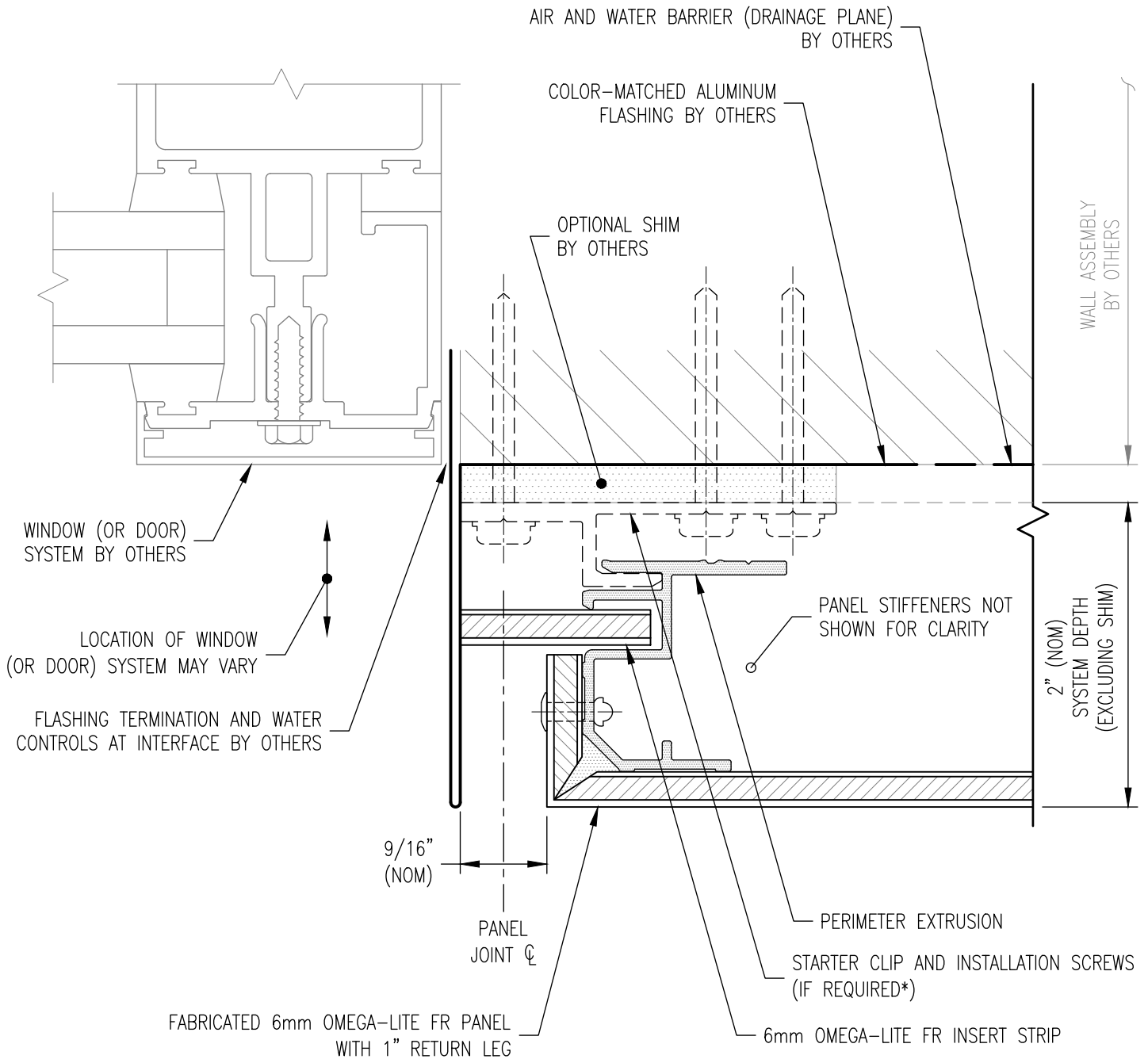
Drawn By:
JJM

Detail Set:
AC-RS

Dwg. No.:
A-309.B

Rev:
00

* PANEL CLIPS REQUIRED ON LONG SIDES OF PANEL ONLY, TYP.



NOTE: STEEL FLASHING AT JAMB CONDITIONS IS REQUIRED FOR SOME NFPA 285 COMPLIANT ASSEMBLIES CONTAINING CONTINUOUS INSULATION PRODUCTS (REFER TO A-309.A & A-309.B FOR EXAMPLES); CONTACT LAMINATORS TECHNICAL SERVICES FOR MORE INFORMATION

A-310 PLAN SECTION

NOTE: FLASHING GEOMETRY SHOWN IS A FUNCTIONAL SUGGESTION; DESIGN PROFESSIONAL MAY MODIFY FLASHING TO CREATE DESIRED AESTHETIC OR TO MEET PROJECT-SPECIFIC CONDITIONS



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RIGHT JAMB DETAIL AT OPENING

ADAPTACLAD RS

DESIGN & INSTALLATION DETAILS

Date:
9/1/2026

Drawn By:
JJM

Detail Set:
AC-RS

Dwg. No.:
A-310

Rev:
00

* PANEL CLIPS REQUIRED ON LONG SIDES OF PANEL ONLY, TYP.

END CLIP AND INSTALLATION SCREWS
(IF REQUIRED*)

CLIP TAB SEATED INTO PERIMETER
EXTRUSION SNAP-FIT GROOVE; INSTALL
SET SCREW (NOT SHOWN) IF REQUIRED

PERIMETER
EXTRUSION, TYP.

6mm OMEGA-LITE
FR INSERT STRIP

PANEL JOINT ϕ
9/16" (NOM)

STARTER CLIP AND INSTALLATION SCREWS
(IF REQUIRED*)

OPTIONAL
SHIM BY
OTHERS, TYP.

FABRICATED 6mm OMEGA-LITE FR
PANEL WITH 1" RETURN LEG, TYP.

PANEL STIFFENERS NOT SHOWN
FOR CLARITY, TYP.

AIR AND WATER BARRIER
(DRAINAGE PLANE) BY OTHERS

INSTALLATION
DIRECTION

2" (NOM)
SYSTEM DEPTH
(EXCLUDING SHIM)

WALL
ASSEMBLY
BY OTHERS

A-311

PLAN SECTION



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INSIDE CORNER DETAIL

ADAPTACLAD RS

DESIGN & INSTALLATION DETAILS

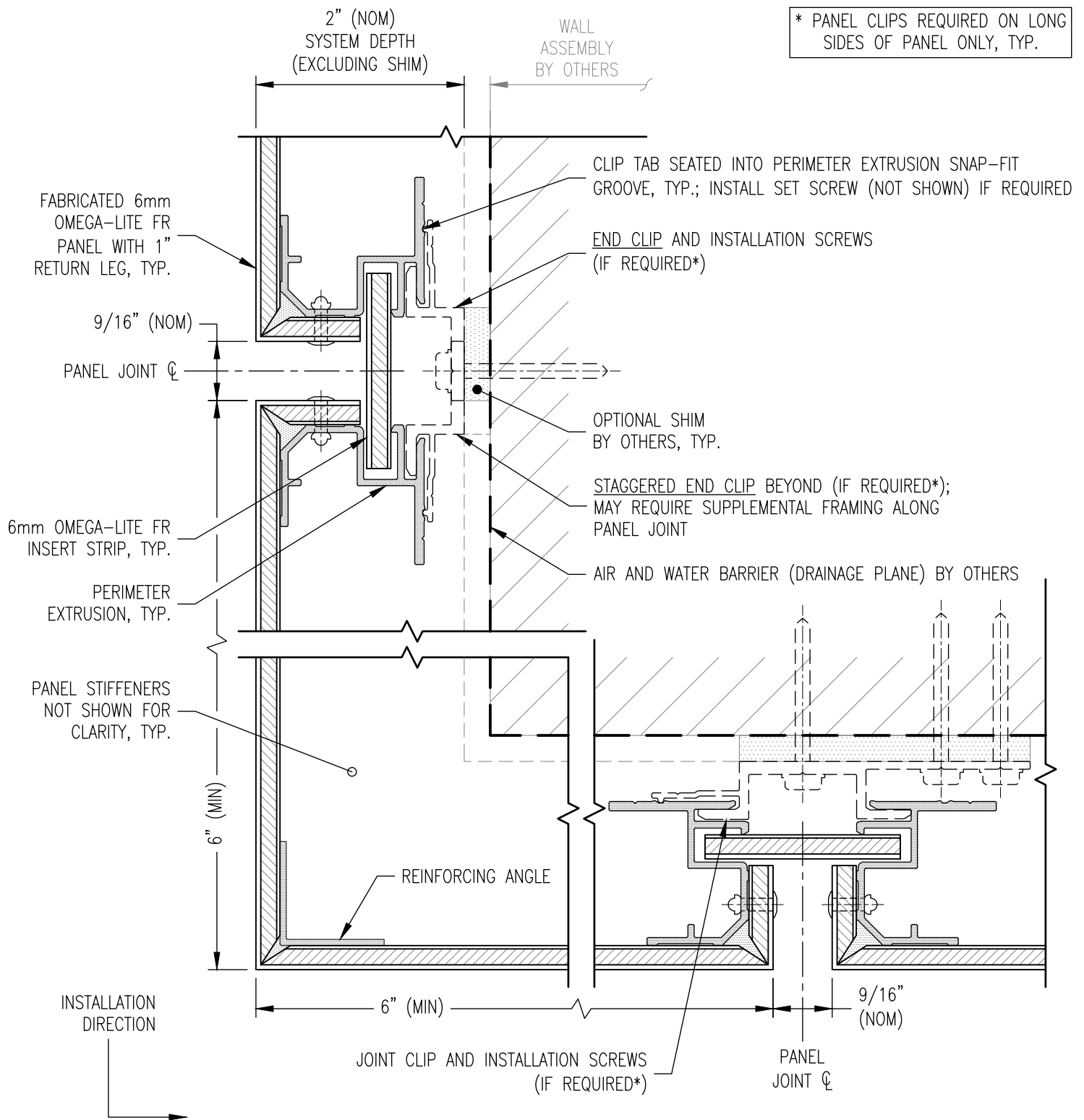
Date:
9/1/2026

Drawn By:
JJM

Detail Set:
AC-RS

Dwg. No.:
A-311

Rev:
00



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OUTSIDE CORNER DETAIL

ADAPTACLAD RS

DESIGN & INSTALLATION DETAILS

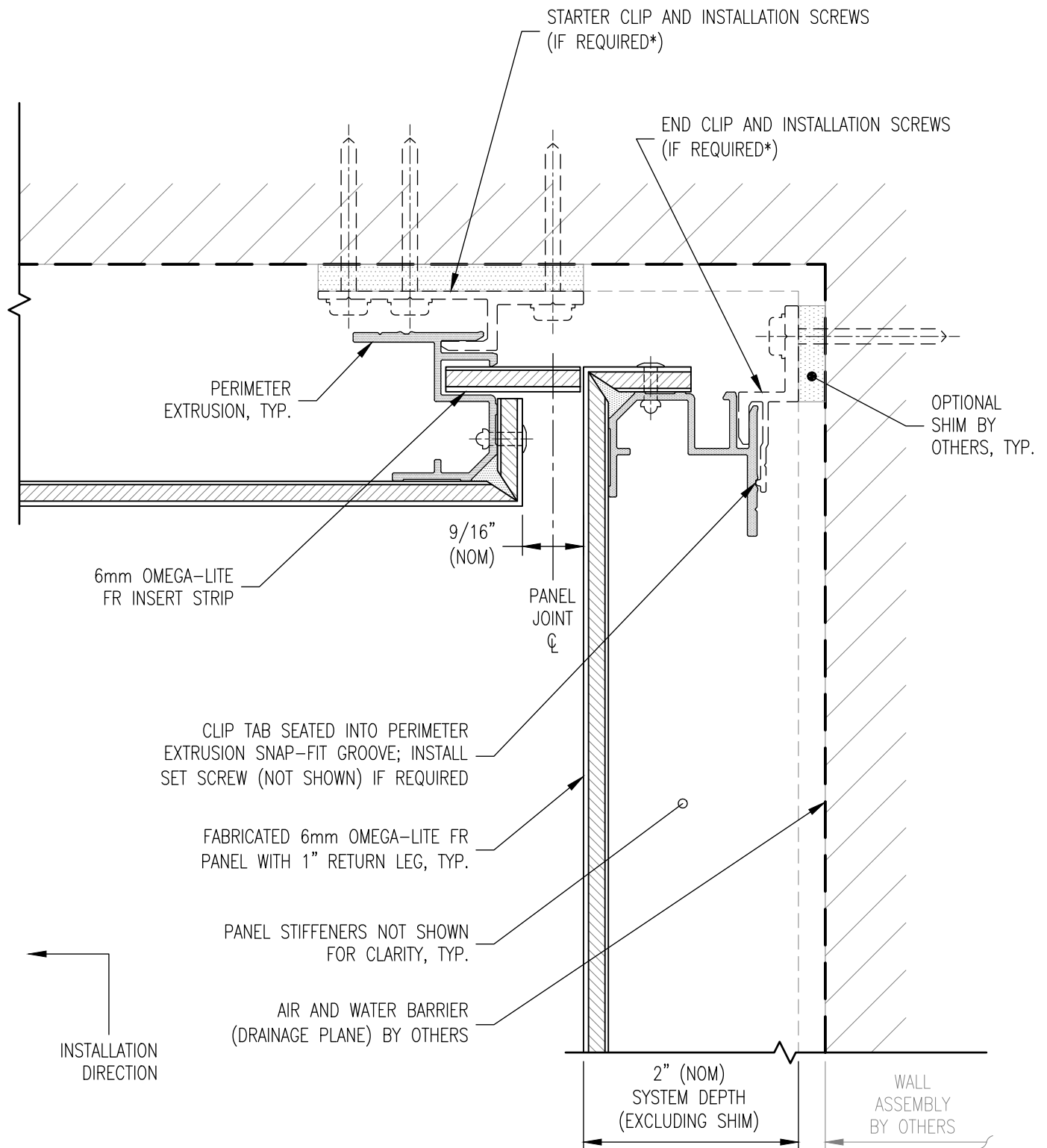
Date:
9/1/2026

Drawn By:
JJM

Detail Set:
AC-RS

Dwg. No.:
A-312

Rev:
00



* PANEL CLIPS REQUIRED ON LONG SIDES OF PANEL ONLY, TYP.

A-313 PLAN SECTION



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SOFFIT-TO-WALL TRANSITION DETAIL

ADAPTACLAD RS

DESIGN & INSTALLATION DETAILS

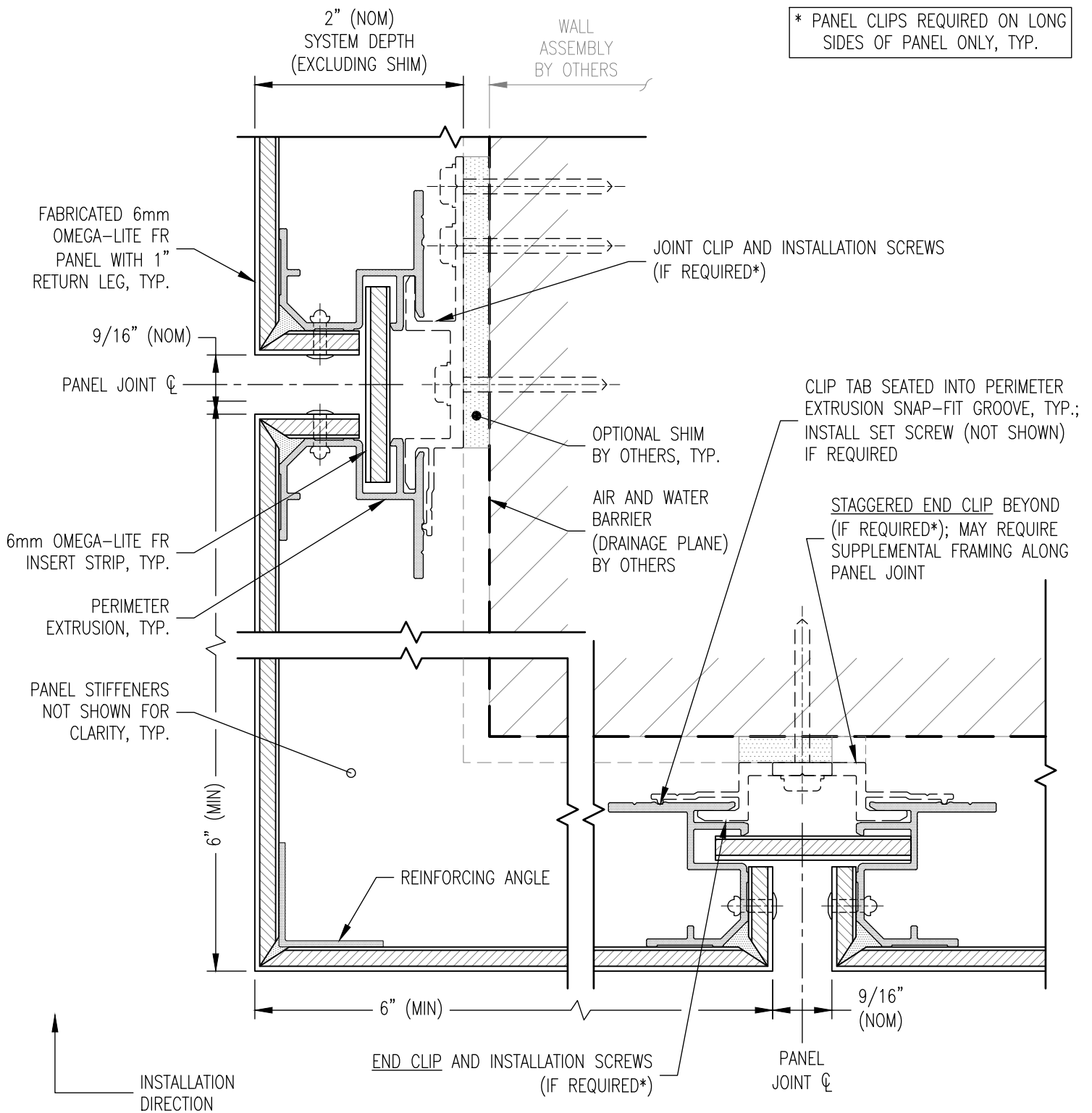
Date:
9/1/2026

Drawn By:
JJM

Detail Set:
AC-RS

Dwg. No.:
A-313

Rev:
00



NOTE: FASCIA-TO-SOFFIT TRANSITIONS REQUIRE
STAGGERED END CLIPS AND SPECIFIC ORIENTATION
OF JOINT CLIPS TO SECURE PANEL; REFER TO
A-405 FOR MORE INFORMATION

A-314

SECTION



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FASCIA-TO-SOFFIT TRANSITION DETAIL

ADAPTACLAD RS

DESIGN & INSTALLATION DETAILS

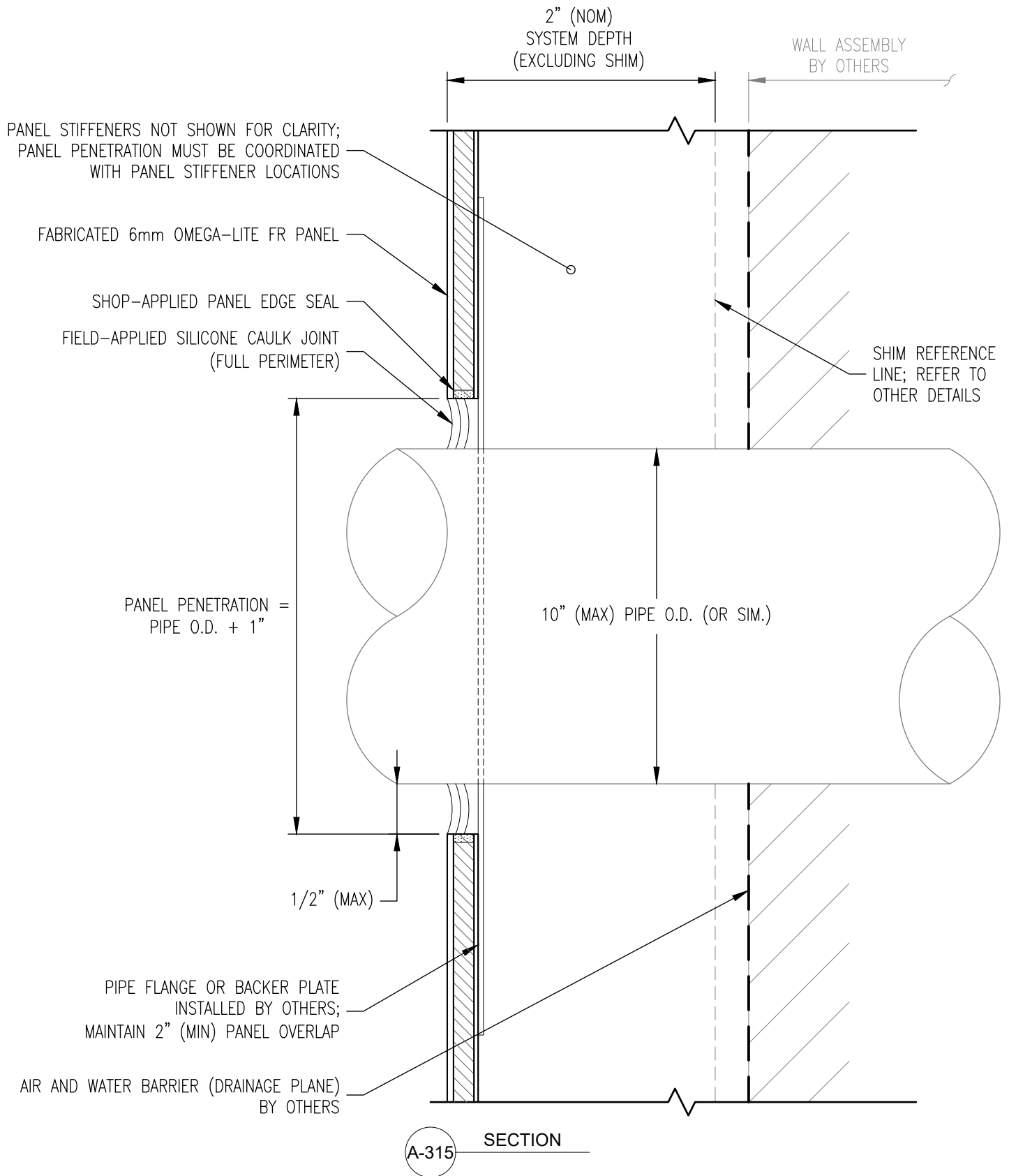
Date:
9/1/2026

Drawn By:
JJM

Detail Set:
AC-RS

Dwg. No.:
A-314

Rev:
00



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PANEL PENETRATION DETAIL

ADAPTACLAD RS

DESIGN & INSTALLATION DETAILS

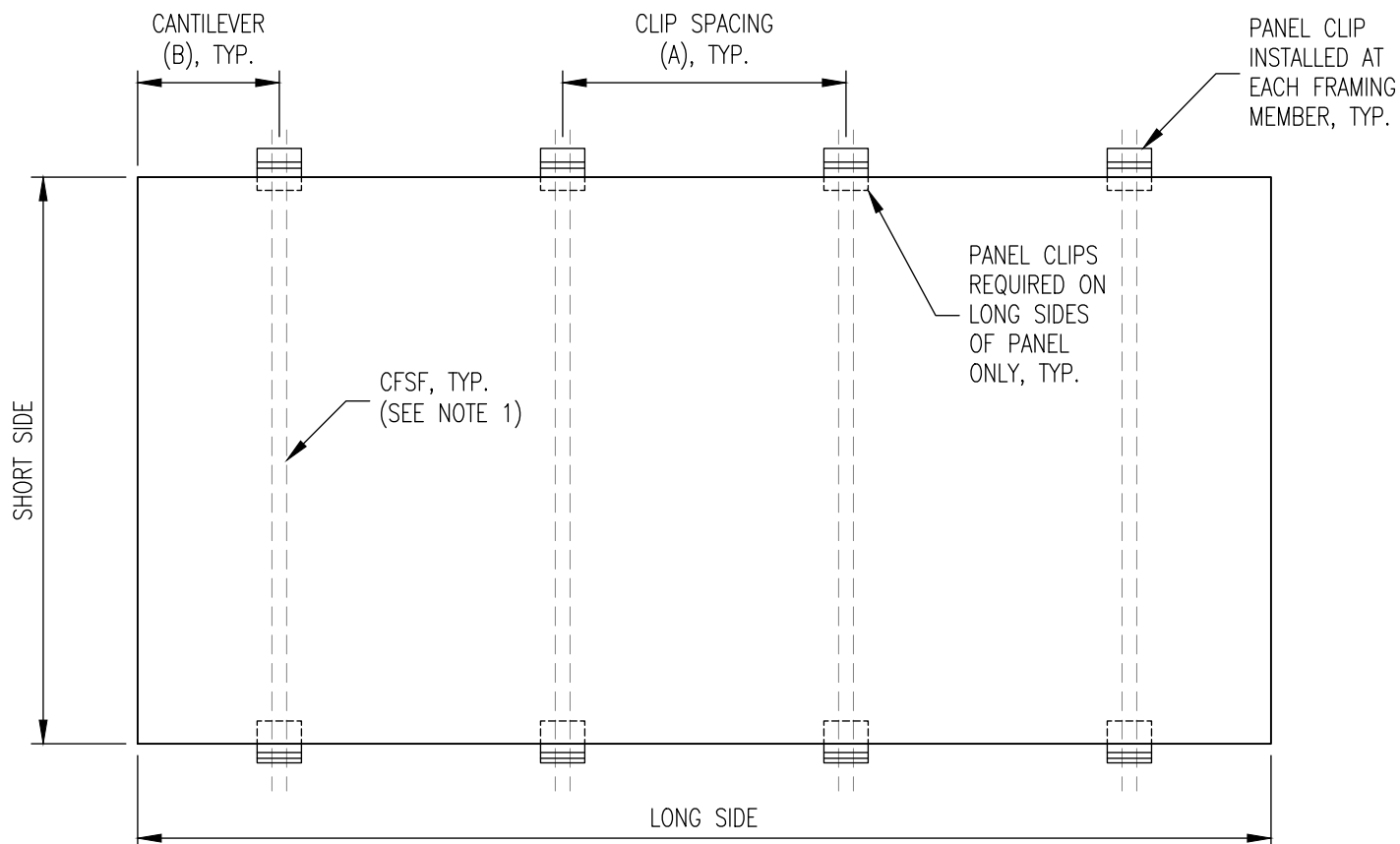
Date:
9/1/2026

Drawn By:
JJM

Detail Set:
AC-RS

Dwg. No.:
A-315

Rev:
00



A-401 TYPICAL LANDSCAPE PANEL
PERPENDICULAR FRAMING

THIS DETAIL ALSO APPLIES TO PORTRAIT PANELS OVER HORIZONTAL (PERP.) FRAMING

NOTES:

- PANEL CLIP REFERS TO JOINT, STARTER, OR END CLIPS AS REQUIRED FOR INSTALLATION
- PANEL CLIP REQUIREMENTS:
 - 4 PANEL CLIPS (MIN) PER PANEL; PROVIDE SUPPLEMENTAL FRAMING AS REQUIRED
 - REFER TO A-106 FOR CONDITIONS WITH ROTATED PANEL STIFFENERS
 - REFER TO A-406 FOR SET SCREW REQUIREMENTS
- REFER TO A-501 FOR REQUIRED NUMBER OF INSTALLATION SCREWS PER CLIP

**TABLE 401: CLIP SPACING BY WIND LOAD
(PERPENDICULAR FRAMING)**

STRUCTURAL CAPACITY (PSF) [ASD]	MAXIMUM CLIP SPACING (A) (INCHES)	MAXIMUM CANTILEVER (B) (INCHES)
40	24	23
60	16	16

NOTE: REFER TO A-404 & A-405 FOR CONDITIONS WITH SPECIAL CLIP REQUIREMENTS



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PANEL CLIP REQUIREMENTS - PERPENDICULAR FRAMING

ADAPTA CLAD RS

DESIGN & INSTALLATION DETAILS

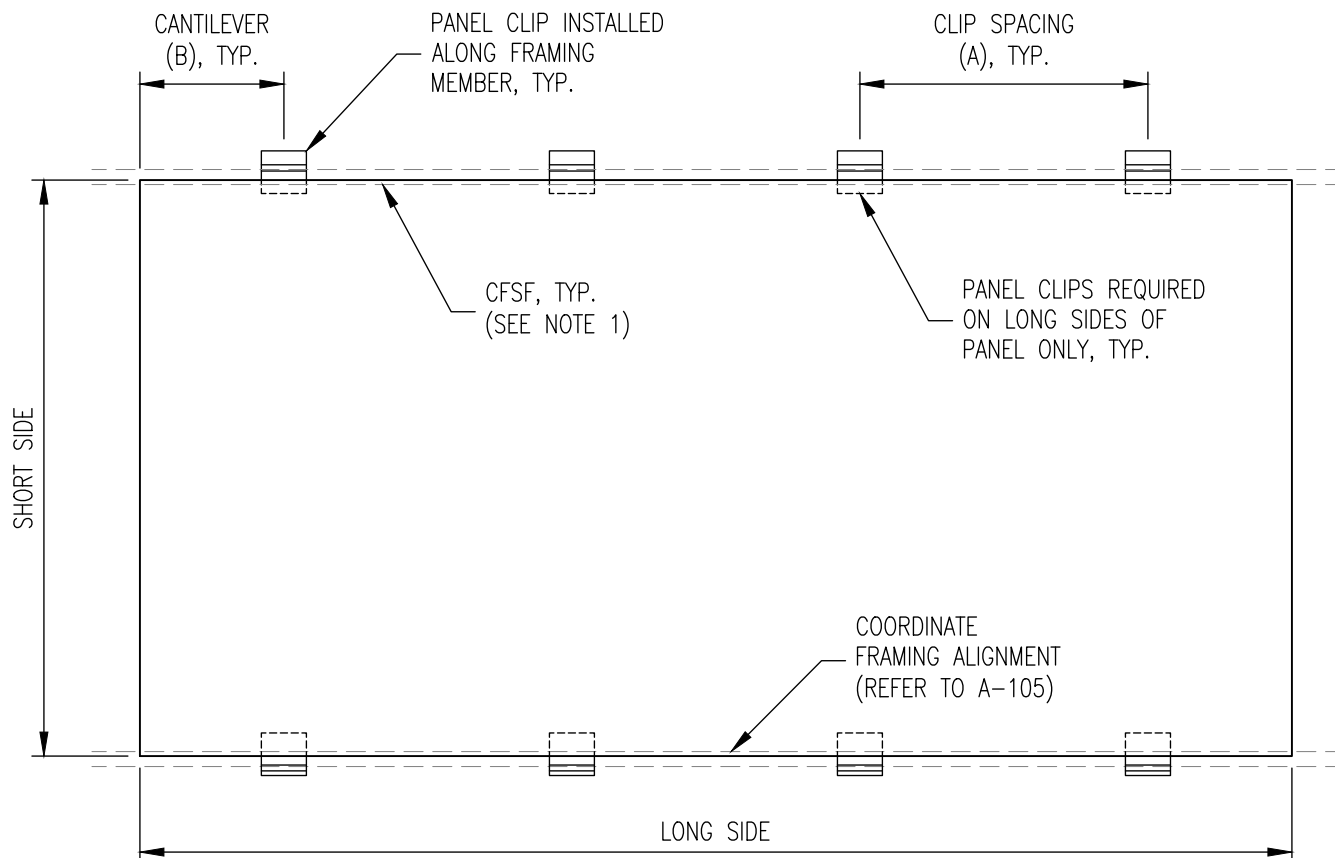
Date:
9/1/2026

Drawn By:
JJM

Detail Set:
AC-RS

Dwg. No.:
A-401

Rev:
00



A-402 TYPICAL LANDSCAPE PANEL
ALIGNED FRAMING

THIS DETAIL ALSO APPLIES TO PORTRAIT PANELS OVER VERTICAL (ALIGNED / PARALLEL) FRAMING

NOTES:

1. PANEL CLIP REFERS TO JOINT, STARTER, OR END CLIPS AS REQUIRED FOR INSTALLATION
2. PANEL CLIP REQUIREMENTS:
 - 4 PANEL CLIPS (MIN) PER PANEL; PROVIDE SUPPLEMENTAL FRAMING AS REQUIRED
 - REFER TO A-106 FOR CONDITIONS WITH ROTATED PANEL STIFFENERS
 - REFER TO A-406 FOR SET SCREW REQUIREMENTS
4. REFER TO A-502 FOR REQUIRED NUMBER OF INSTALLATION SCREWS PER CLIP

**TABLE 402: CLIP SPACING BY WIND LOAD
(ALIGNED / PARALLEL FRAMING)**

STRUCTURAL CAPACITY (PSF) [ASD]	MAXIMUM CLIP SPACING (A) (INCHES)	MAXIMUM CANTILEVER (B) (INCHES)
40	24	8
60	16	8
80 *	12	6
100 *		

NOTE: REFER TO A-404 & A-405 FOR CONDITIONS WITH SPECIAL CLIP REQUIREMENTS

* REQUIRES SET SCREW INSTALLATION AT EVERY PANEL CLIP (REFER TO A-406)



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PANEL CLIP REQUIREMENTS - ALIGNED / PARALLEL FRAMING

ADAPTA CLAD RS

DESIGN & INSTALLATION DETAILS

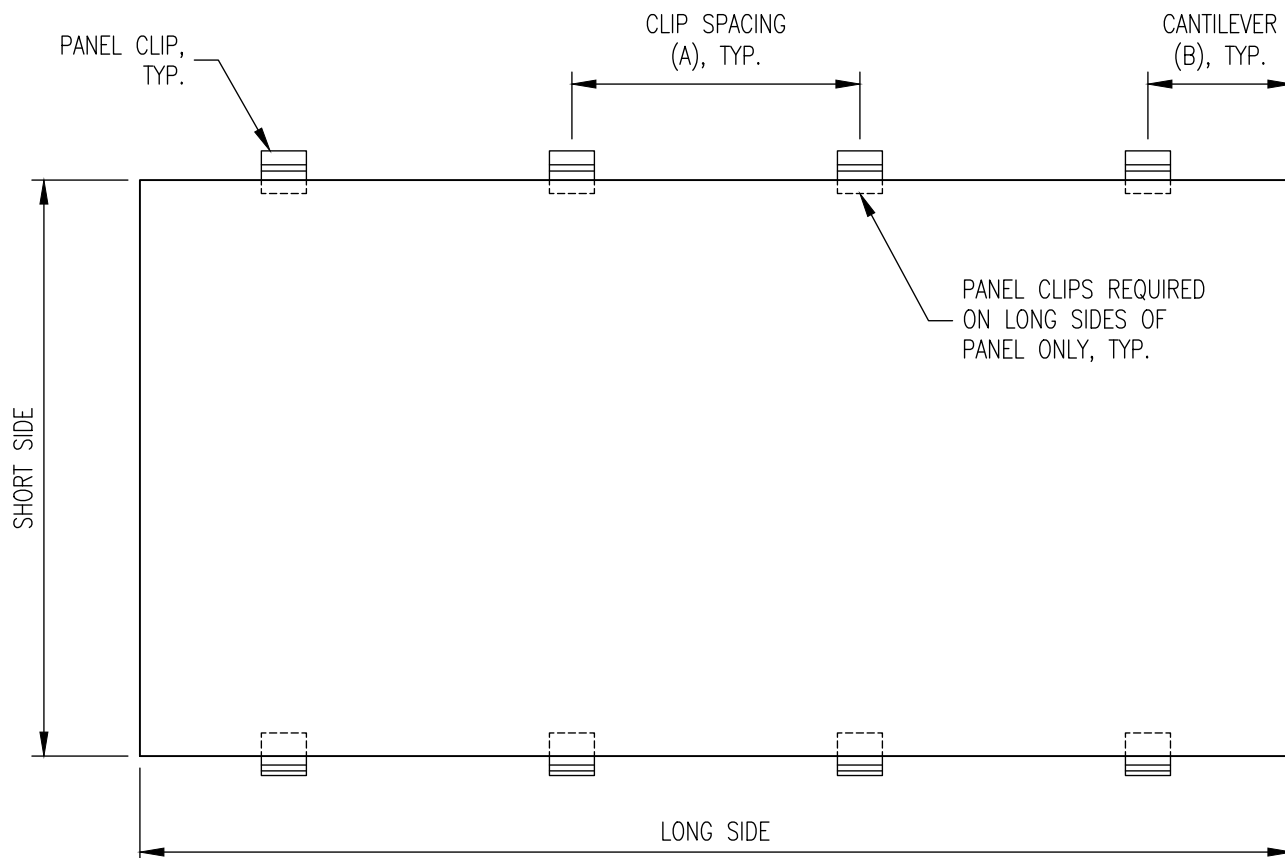
Date:
9/1/2026

Drawn By:
JJM

Detail Set:
AC-RS

Dwg. No.:
A-402

Rev:
00



A-403 TYPICAL LANDSCAPE PANEL
CONTINUOUS SUBSTRATES

THIS DETAIL ALSO APPLIES TO PORTRAIT PANELS OVER CONTINUOUS SUBSTRATES

NOTES:

1. CONTINUOUS SUBSTRATES ARE DEFINED AS OMEGA CI, PLYWOOD, OSB, CONCRETE, AND CMU
2. PANEL CLIP REFERS TO JOINT, STARTER, OR END CLIPS AS REQUIRED FOR INSTALLATION
3. PANEL CLIP REQUIREMENTS:
 - 4 PANEL CLIPS (MIN) PER PANEL; PROVIDE SUPPLEMENTAL FRAMING AS REQUIRED
 - REFER TO A-106 FOR CONDITIONS WITH ROTATED PANEL STIFFENERS
 - REFER TO A-406 FOR SET SCREW REQUIREMENTS
4. REFER TO THE FOLLOWING FOR REQUIRED NUMBER OF INSTALLATION SCREWS PER CLIP:
 - A-503 15/32" (1/2" NOM) PLYWOOD
 - A-504 19/32" (5/8" NOM) PLYWOOD
 - A-505 19/32" (5/8" NOM) OSB
 - A-506 CONCRETE
 - A-507 CMU

**TABLE 403: CLIP SPACING BY WIND LOAD
(CONTINUOUS SUBSTRATES*)**

STRUCTURAL CAPACITY (PSF) [ASD]	MAXIMUM CLIP SPACING (A) (INCHES)	MAXIMUM CANTILEVER (B) (INCHES)
40	24	8
60	16	8
80 **	12	6
100 **		

NOTE: REFER TO A-404 & A-405 FOR CONDITIONS WITH SPECIAL CLIP REQUIREMENTS

* INSTALLATIONS OVER 15/32" PLYWOOD AND 19/32" OSB LIMITED TO 60 PSF (ASD) STRUCTURAL CAPACITY

** REQUIRES SET SCREW INSTALLATION AT EVERY PANEL CLIP (REFER TO A-406)



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PANEL CLIP REQUIREMENTS - CONTINUOUS SUBSTRATES

ADAPTACLAD RS

DESIGN & INSTALLATION DETAILS

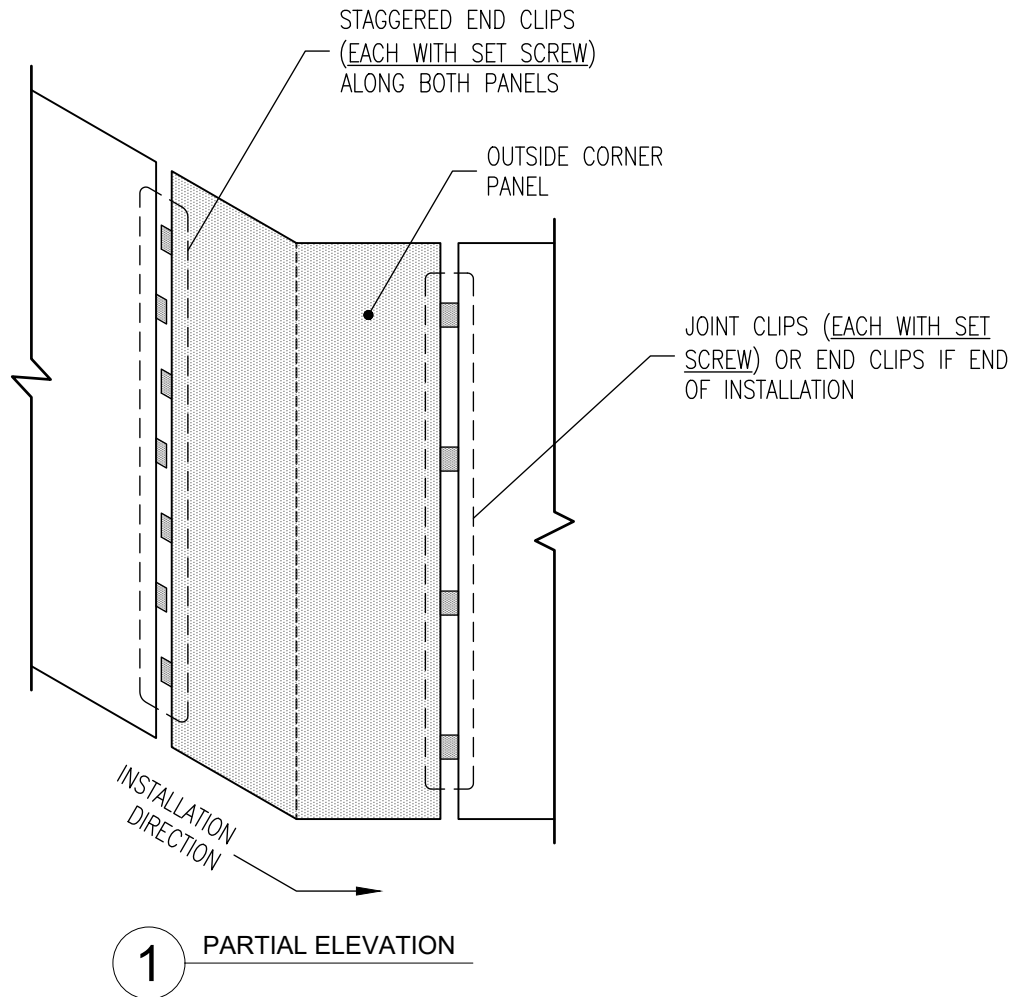
Date:
9/1/2026

Drawn By:
JJM

Detail Set:
AC-RS

Dwg. No.:
A-403

Rev:
00



PROVIDE SUPPLEMENTAL FRAMING AS REQUIRED TO SUPPORT ALL PANEL CLIP LOCATIONS



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SPECIAL REQUIREMENTS - PORTRAIT PANEL AT OUSIDE CORNER

ADAPTACLAD RS

DESIGN & INSTALLATION DETAILS

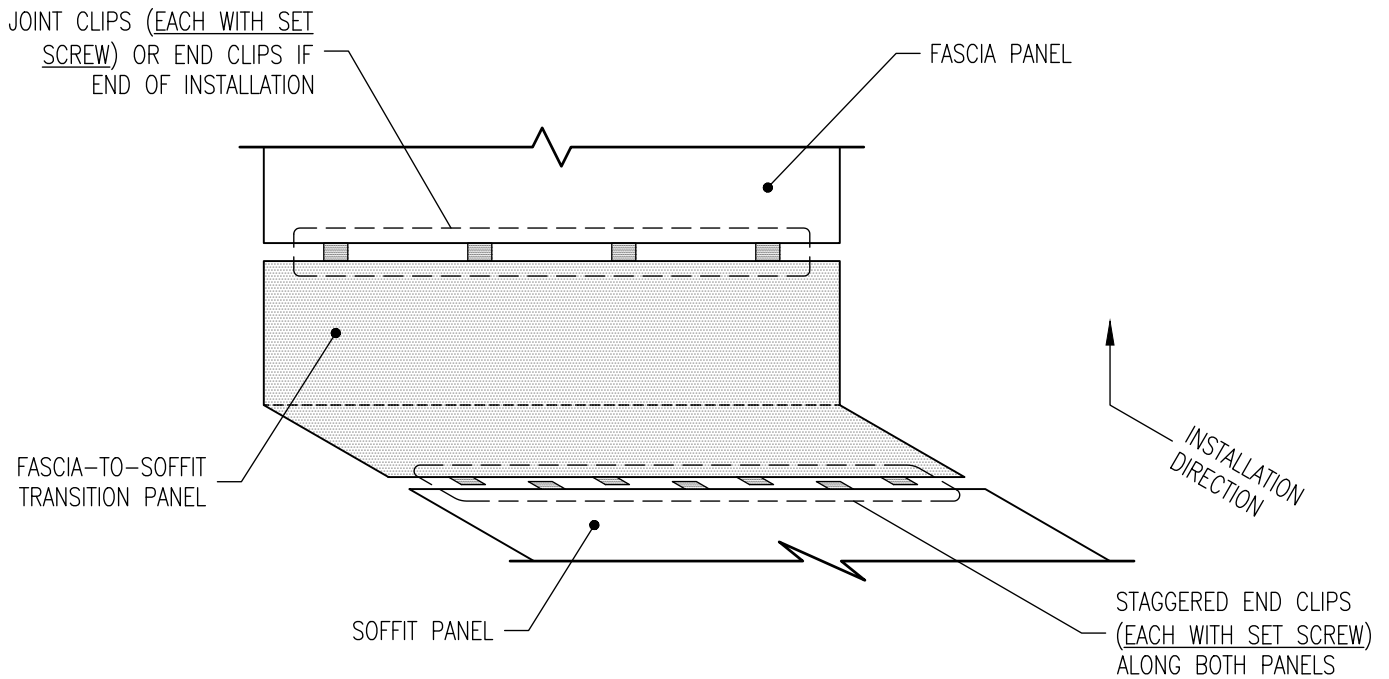
Date:
9/1/2026

Drawn By:
JJM

Detail Set:
AC-RS

Dwg. No.:
A-404

Rev:
00



2 PARTIAL ELEVATION

PROVIDE SUPPLEMENTAL FRAMING AS REQUIRED TO SUPPORT ALL PANEL CLIP LOCATIONS



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SPECIAL REQUIREMENTS - LANDSCAPE PANEL AT SOFFIT TRANSITION

ADAPTACLAD RS

DESIGN & INSTALLATION DETAILS

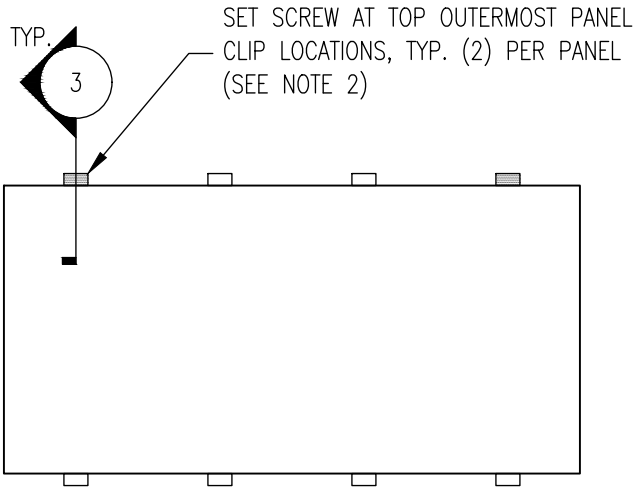
Date:
9/1/2026

Drawn By:
JJM

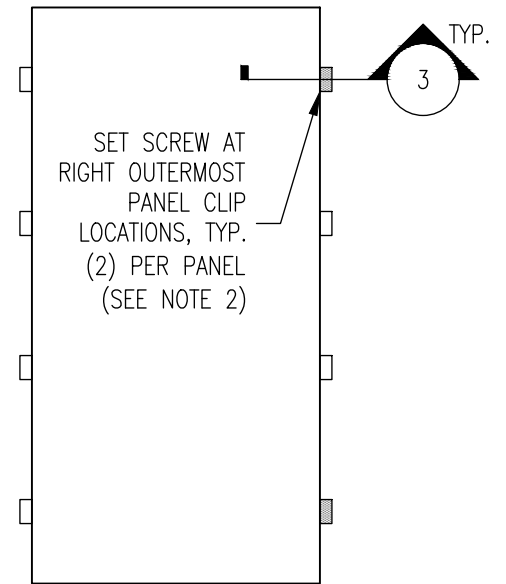
Detail Set:
AC-RS

Dwg. No.:
A-405

Rev:
00

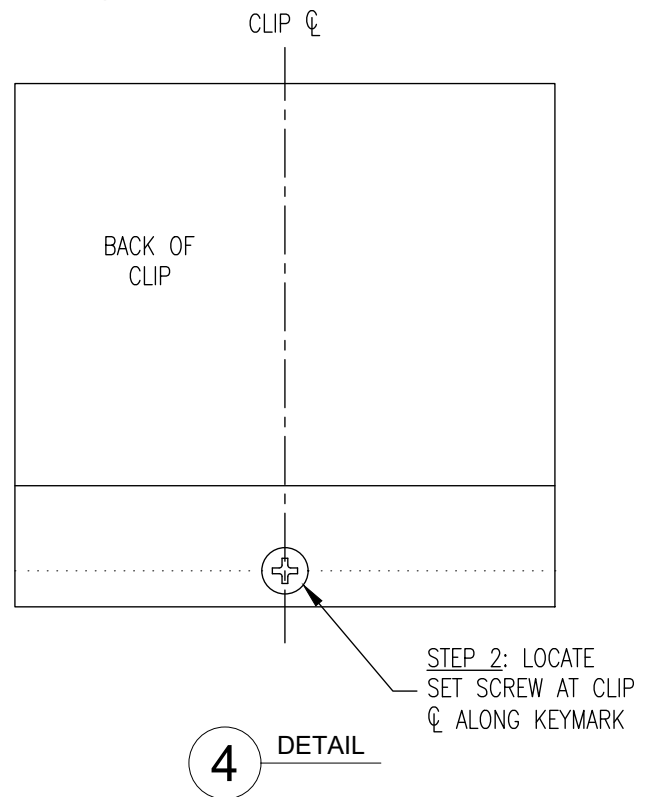
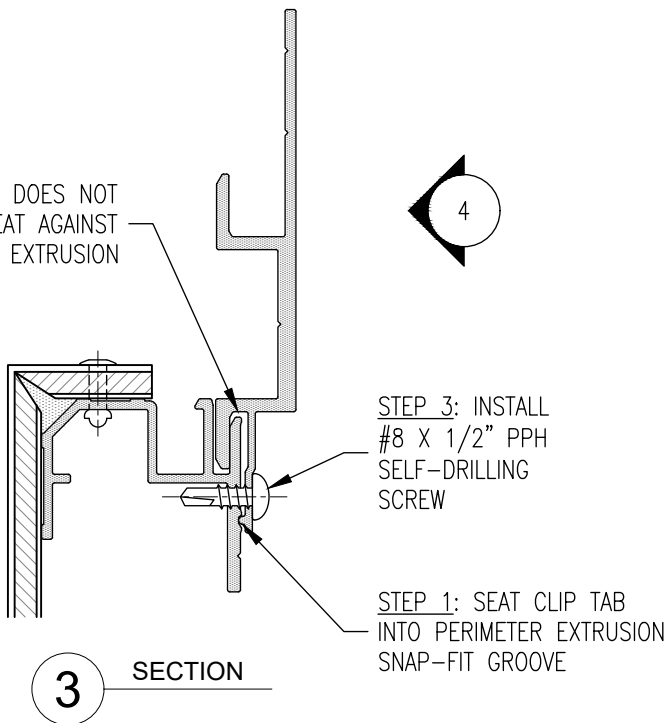


1 TYPICAL LANDSCAPE PANEL



2 TYPICAL PORTRAIT PANEL

NOTE: CLIP DOES NOT SEAT AGAINST PERIMETER EXTRUSION



NOTES:

1. JOINT CLIP SHOWN; SET SCREW INSTALLATION ALSO REQUIRED FOR END CLIPS
2. SET SCREW REQUIRED AT ALL JOINT AND END CLIP LOCATIONS FOR 80 PSF (ASD) AND HIGHER STRUCTURAL CAPACITY



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SET SCREW REQUIREMENTS

ADAPTA CLAD RS

DESIGN & INSTALLATION DETAILS

Date:
9/1/2026

Drawn By:
JJM

Detail Set:
AC-RS

Dwg. No.:
A-406

Rev:
00

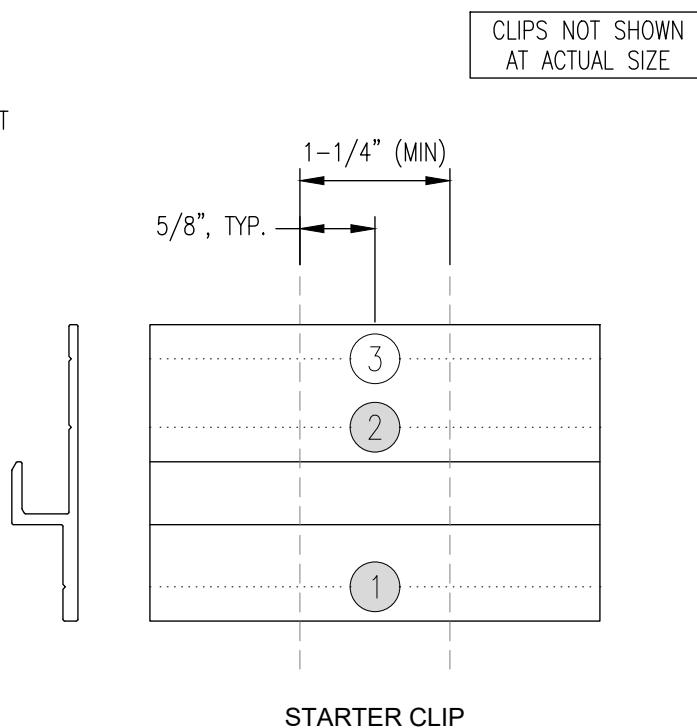
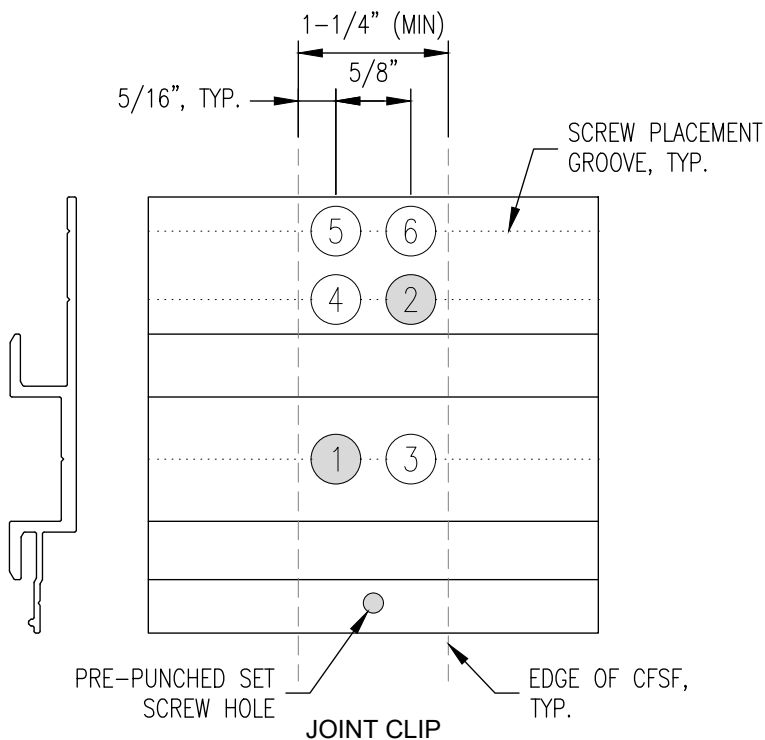
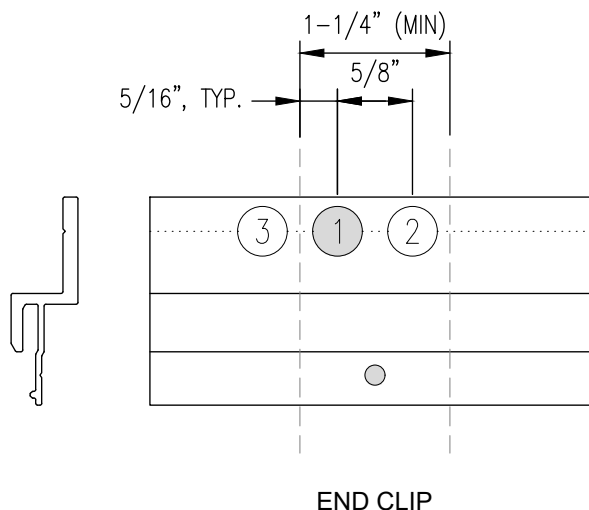


TABLE 501: CFSF ¹ (PERPENDICULAR) NO. OF REQUIRED SCREWS ² PER CLIP				
STRUCTURAL CAPACITY (PSF) [ASD]	CLIP SPACING (INCHES)	PANEL SPAN ^{3 4} (INCHES)		
		58	48	24
JOINT CLIP				
40	16	4	4	2
	24	6	5	3
60	16	6	5	3
STARTER / END CLIP				
40	16	2	2	2
	24	3	3	2
60	16	3	3	2
1. SUBSTRATE CRITERIA MINIMUMS: • 18 GA. (43 MILS) • F_U = 45 KSI (GRADE 33) • 1-1/4" FACE FLANGE WIDTH				
2. SCREWS SHALL BE DAGGERZ #10-16 X 2" HEX WASHER HEAD (HWH) SELF-DRILLING SCREWS OR OTHER AS APPROVED BY LAMINATORS				
3. TO USE TABLE, SELECT PANEL SPAN GREATER THAN OR EQUAL TO SIZE OF ACTUAL PANEL TO BE INSTALLED				
4. PANEL SPAN IS THE DISTANCE BETWEEN CLIP ATTACHMENT SIDES AND IS PARALLEL TO DIRECTION OF PANEL STIFFENER (TYPICALLY THE SHORT SIDE OF THE PANEL UNLESS STIFFENERS ARE ROTATED, REFER TO A-106)				



INSTALLATION TIPS:

- INSTALL SCREWS IN NUMBERED SEQUENCE INDICATED
- SHADED HOLES ARE PRE-PUNCHED BY LAMINATORS; PRE-DRILLING ADDITIONAL REQUIRED HOLE LOCATIONS IS RECOMMENDED FOR EASE OF INSTALLATION
- ENSURE CLIPS DO NOT ROTATE DURING INSTALLATION



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PANEL CLIP SCREW SCHEDULE - 18 GA. CFSF (PERPENDICULAR)

ADAPTA CLAD RS

DESIGN & INSTALLATION DETAILS

Date:
9/1/2026

Drawn By:
JJM

Detail Set:
AC-RS

Dwg. No.:
A-501

Rev:
00

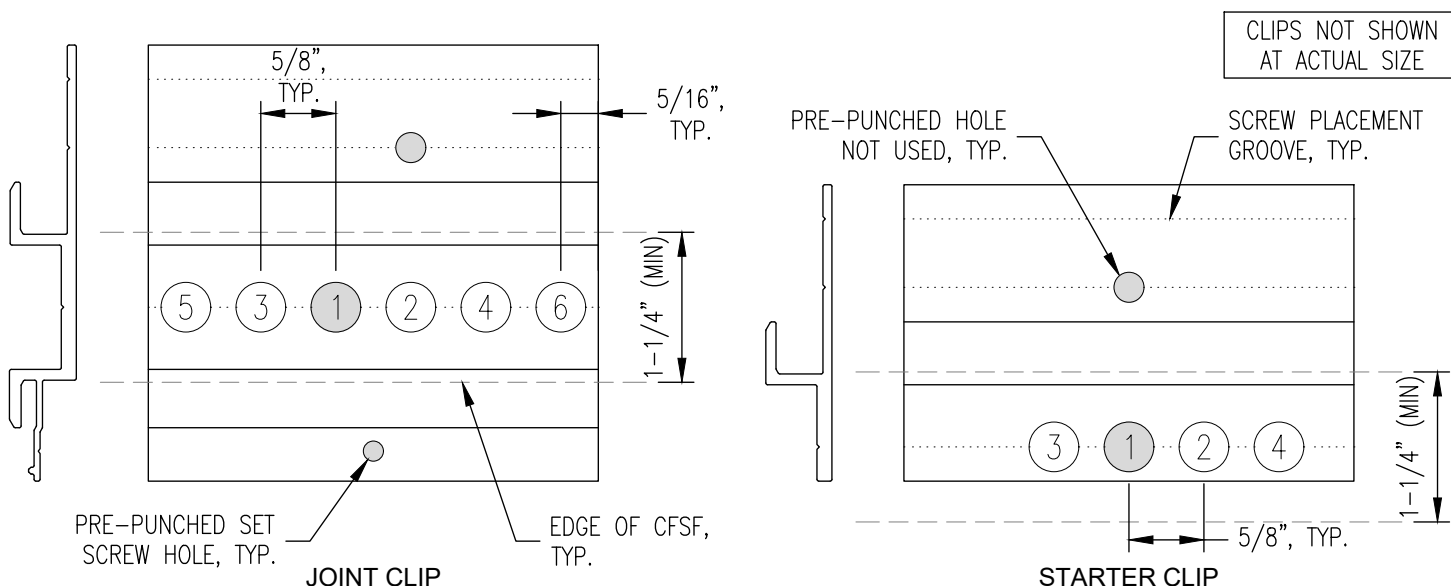


TABLE 502: CFSF ¹ (ALIGNED / PARALLEL)
NO. OF REQUIRED SCREWS ² PER CLIP

STRUCTURAL CAPACITY (PSF) [ASD]	CLIP SPACING (INCHES)	PANEL SPAN ^{3 4} (INCHES)		
		58	48	24
JOINT CLIP				
40	16	4	4	2
	24	6	5	3
60	16	6	5	3
80	12	5	4	3
100	12	6	5	3
STARTER / END CLIP				
40	16	2	2	2
	24	3	3	2
60	16	3	3	2
80	12	3	3	2
100	12	4	3	2

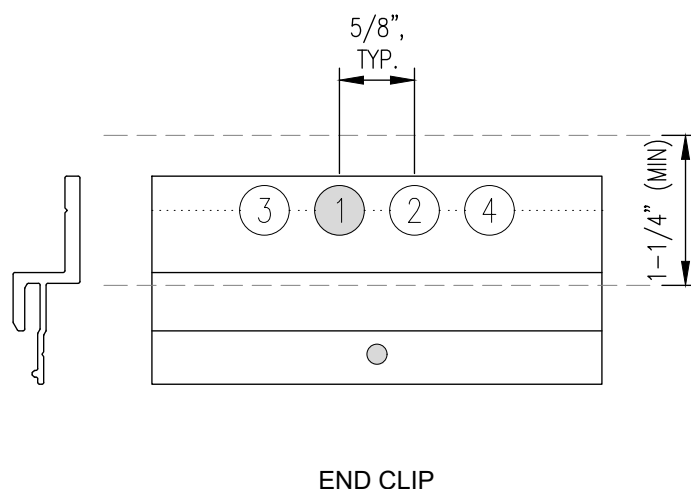
1. SUBSTRATE CRITERIA MINIMUMS:

- 18 GA. (43 MILS)
- $F_u = 45$ KSI (GRADE 33)
- 1-1/4" FACE FLANGE WIDTH

2. SCREWS SHALL BE DAGGERZ #10-16 X 2" HEX WASHER HEAD (HWH) SELF-DRILLING SCREWS OR OTHER AS APPROVED BY LAMINATORS; 1" LENGTH SCREWS PERMITTED FOR DIRECT ATTACHMENT TO CFSF

3. TO USE TABLE, SELECT PANEL SPAN GREATER THAN OR EQUAL TO SIZE OF ACTUAL PANEL TO BE INSTALLED

4. PANEL SPAN IS THE DISTANCE BETWEEN CLIP ATTACHMENT SIDES AND IS PARALLEL TO DIRECTION OF PANEL STIFFENER (TYPICALLY THE SHORT SIDE OF THE PANEL UNLESS STIFFENERS ARE ROTATED, REFER TO A-106)



INSTALLATION TIPS:

- INSTALL SCREWS IN NUMBERED SEQUENCE INDICATED
- SHADED HOLES ARE PRE-PUNCHED BY LAMINATORS; PRE-DRILLING ADDITIONAL REQUIRED HOLE LOCATIONS IS RECOMMENDED FOR EASE OF INSTALLATION
- ENSURE CLIPS DO NOT ROTATE DURING INSTALLATION



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PANEL CLIP SCREW SCHEDULE - 18 GA. CFSF (ALIGNED / PARALLEL)

ADAPTA CLAD RS

DESIGN & INSTALLATION DETAILS

Date:
9/1/2026

Drawn By:
JJM

Detail Set:
AC-RS

Dwg. No.:
A-502

Rev:
00

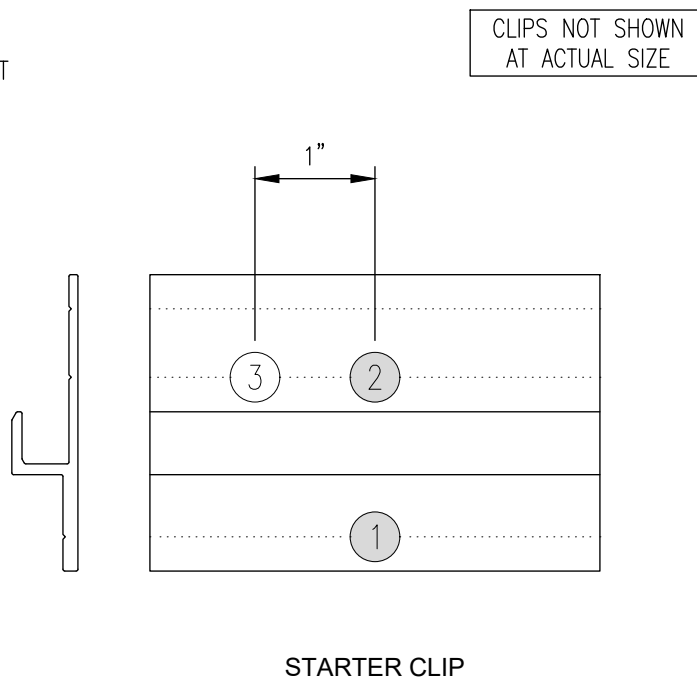
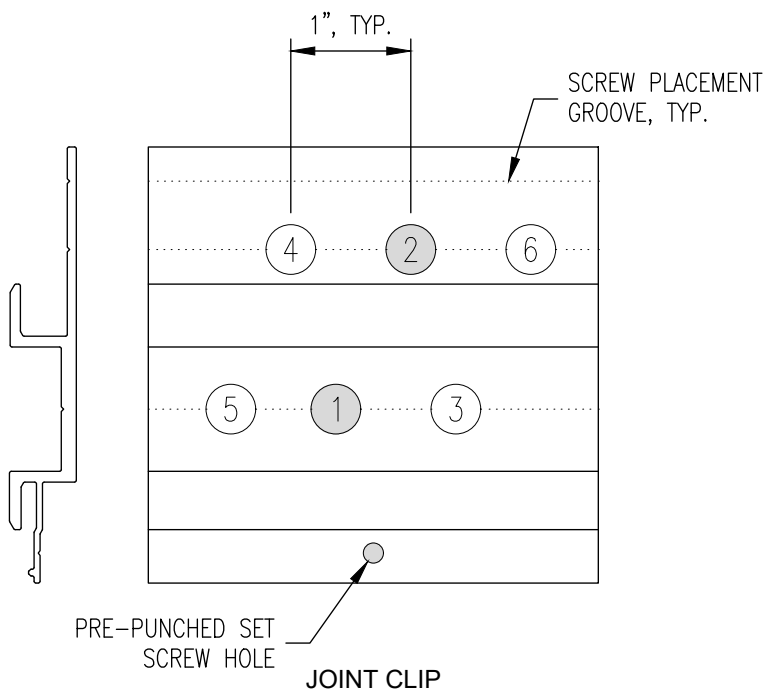
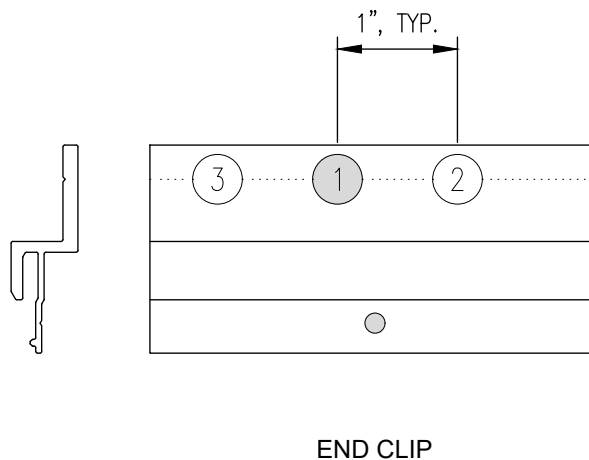


TABLE 503: 15/32" (1/2" NOM) PLYWOOD ¹
NO. OF REQUIRED SCREWS ² PER CLIP

STRUCTURAL CAPACITY (PSF) [ASD]	CLIP SPACING (INCHES)	PANEL SPAN ^{3 4} (INCHES)		
		58	48	24
JOINT CLIP				
40	24	6	5	3
60	16	6	5	3
STARTER / END CLIP				
40	24	3	3	2
60	16	3	3	2

- SUBSTRATE CRITERIA MINIMUMS:
 - 15/32" THICKNESS (EXTERIOR GRADE)
 - SPECIFIC GRAVITY (G) = 0.55 (SOUTHERN PINE)
- SCREWS SHALL BE DAGGERZ #10-16 X 2" HEX WASHER HEAD (HWH) SELF-DRILLING SCREWS, #10 X 2" HWH HiLo THREAD WOOD SCREWS, OR OTHER AS APPROVED BY LAMINATORS
- TO USE TABLE, SELECT PANEL SPAN GREATER THAN OR EQUAL TO SIZE OF ACTUAL PANEL TO BE INSTALLED
- PANEL SPAN IS THE DISTANCE BETWEEN CLIP ATTACHMENT SIDES AND IS PARALLEL TO DIRECTION OF PANEL STIFFENER (TYPICALLY THE SHORT SIDE OF THE PANEL UNLESS STIFFENERS ARE ROTATED, REFER TO A-106)



INSTALLATION TIPS:

- INSTALL SCREWS IN NUMBERED SEQUENCE INDICATED
- SHADED HOLES ARE PRE-PUNCHED BY LAMINATORS; PRE-DRILLING ADDITIONAL REQUIRED HOLE LOCATIONS IS RECOMMENDED FOR EASE OF INSTALLATION
- ENSURE CLIPS DO NOT ROTATE DURING INSTALLATION



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PANEL CLIP SCREW SCHEDULE - 15/32" (1/2" NOM) PLYWOOD

ADAPTA CLAD RS

DESIGN & INSTALLATION DETAILS

Date:
9/1/2026

Drawn By:
JJM

Detail Set:
AC-RS

Dwg. No.:
A-503

Rev:
00

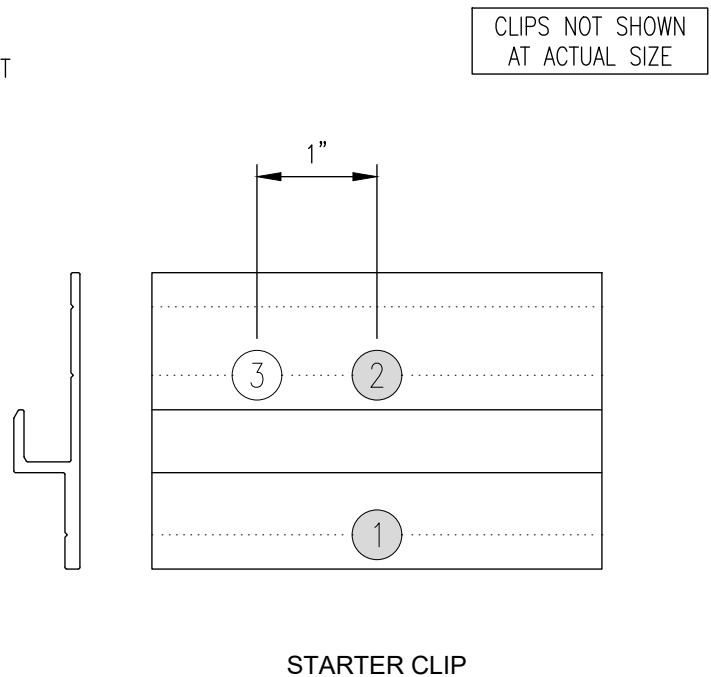
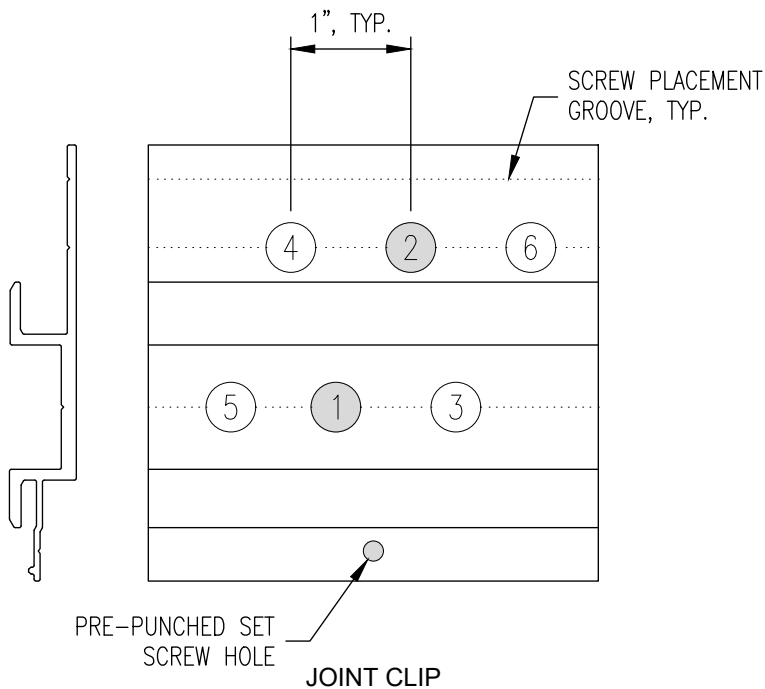
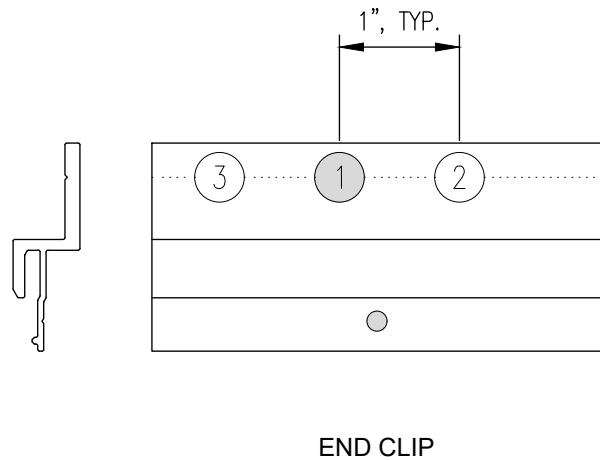


TABLE 504: 19/32" (5/8" NOM) PLYWOOD ¹
NO. OF REQUIRED SCREWS ² PER CLIP

STRUCTURAL CAPACITY (PSF) [ASD]	CLIP SPACING (INCHES)	PANEL SPAN ^{3 4} (INCHES)		
		58	48	24
JOINT CLIP				
40	24	5	4	3
60	16	5	4	3
80	12	5	4	3
100	12	6	5	3
STARTER / END CLIP				
40	24	3	2	2
60	16	3	2	2
80	12	3	2	2
100	12	3	3	2

- SUBSTRATE CRITERIA MINIMUMS:
 - 19/32" THICKNESS (EXTERIOR GRADE)
 - SPECIFIC GRAVITY (G) = 0.55 (SOUTHERN PINE)
- SCREWS SHALL BE DAGGERZ #10-16 X 2" HEX WASHER HEAD (HWH) SELF-DRILLING SCREWS, #10 X 2" HWH HiLo THREAD WOOD SCREWS, OR OTHER AS APPROVED BY LAMINATORS
- TO USE TABLE, SELECT PANEL SPAN GREATER THAN OR EQUAL TO SIZE OF ACTUAL PANEL TO BE INSTALLED
- PANEL SPAN IS THE DISTANCE BETWEEN CLIP ATTACHMENT SIDES AND IS PARALLEL TO DIRECTION OF PANEL STIFFENER (TYPICALLY THE SHORT SIDE OF THE PANEL UNLESS STIFFENERS ARE ROTATED, REFER TO A-106)



INSTALLATION TIPS:

- INSTALL SCREWS IN NUMBERED SEQUENCE INDICATED
- SHADED HOLES ARE PRE-PUNCHED BY LAMINATORS; PRE-DRILLING ADDITIONAL REQUIRED HOLE LOCATIONS IS RECOMMENDED FOR EASE OF INSTALLATION
- ENSURE CLIPS DO NOT ROTATE DURING INSTALLATION



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PANEL CLIP SCREW SCHEDULE - 19/32" (5/8" NOM) PLYWOOD

ADAPTA CLAD RS

DESIGN & INSTALLATION DETAILS

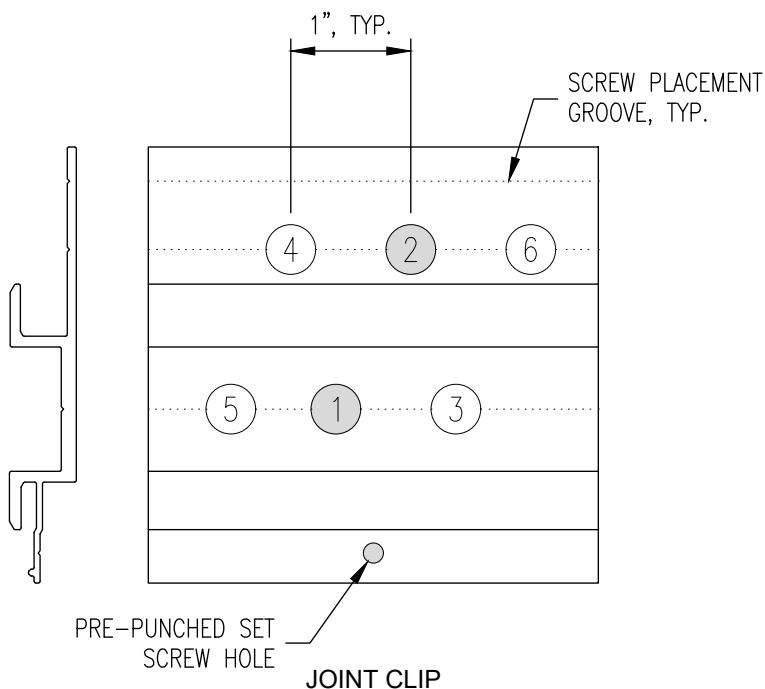
Date:
9/1/2026

Drawn By:
JJM

Detail Set:
AC-RS

Dwg. No.:
A-504

Rev:
00



CLIPS NOT SHOWN
AT ACTUAL SIZE

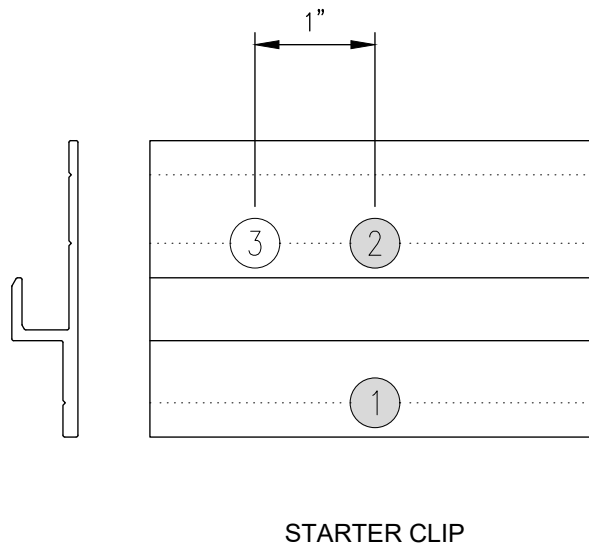
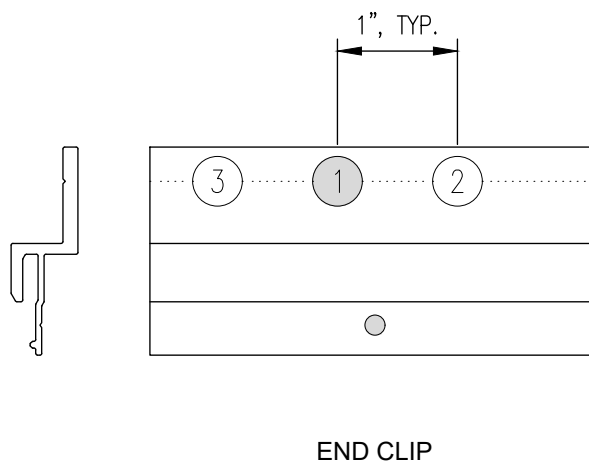


TABLE 505: 19/32" (5/8" NOM) OSB ¹ NO. OF REQUIRED SCREWS ² PER CLIP				
STRUCTURAL CAPACITY (PSF) [ASD]	CLIP SPACING (INCHES)	PANEL SPAN ^{3 4} (INCHES)		
		58	48	24
JOINT CLIP				
40	24	6	5	3
60	16	6	5	3
STARTER / END CLIP				
40	24	3	3	2
60	16	3	3	2
1. SUBSTRATE CRITERIA MINIMUMS: 19/32" THICKNESS (EXTERIOR GRADE) - SPECIFIC GRAVITY (G) = 0.49 (SOUTHERN PINE) 2. SCREWS SHALL BE DAGGERZ #10-16 X 2" HEX WASHER HEAD (HWH) SELF-DRILLING SCREWS, #10 X 2" HWH HiLo THREAD WOOD SCREWS, OR OTHER AS APPROVED BY LAMINATORS 3. TO USE TABLE, SELECT PANEL SPAN GREATER THAN OR EQUAL TO SIZE OF ACTUAL PANEL TO BE INSTALLED 4. PANEL SPAN IS THE DISTANCE BETWEEN CLIP ATTACHMENT SIDES AND IS PARALLEL TO DIRECTION OF PANEL STIFFENER (TYPICALLY THE SHORT SIDE OF THE PANEL UNLESS STIFFENERS ARE ROTATED, REFER TO A-106)				



INSTALLATION TIPS:

- INSTALL SCREWS IN NUMBERED SEQUENCE INDICATED
- SHADED HOLES ARE PRE-PUNCHED BY LAMINATORS; PRE-DRILLING ADDITIONAL REQUIRED HOLE LOCATIONS IS RECOMMENDED FOR EASE OF INSTALLATION
- ENSURE CLIPS DO NOT ROTATE DURING INSTALLATION



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PANEL CLIP SCREW SCHEDULE - 19/32" (5/8" NOM) OSB

ADAPTA CLAD RS

DESIGN & INSTALLATION DETAILS

Date:
9/1/2026

Drawn By:
JJM

Detail Set:
AC-RS

Dwg. No.:
A-505

Rev:
00

CLIPS NOT SHOWN
AT ACTUAL SIZE

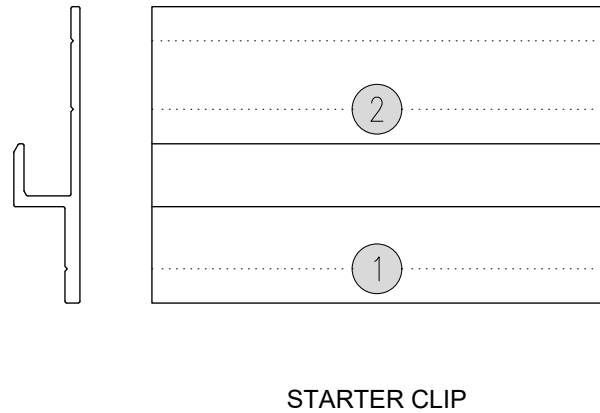
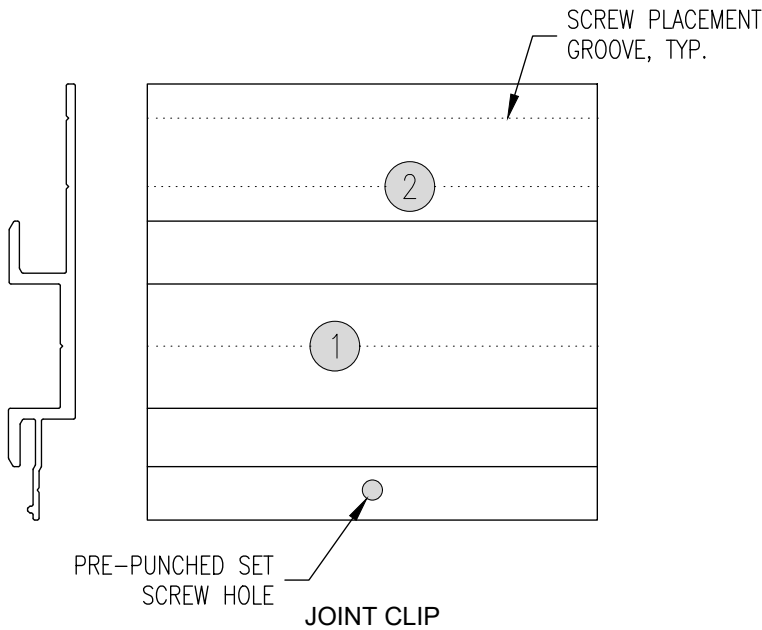
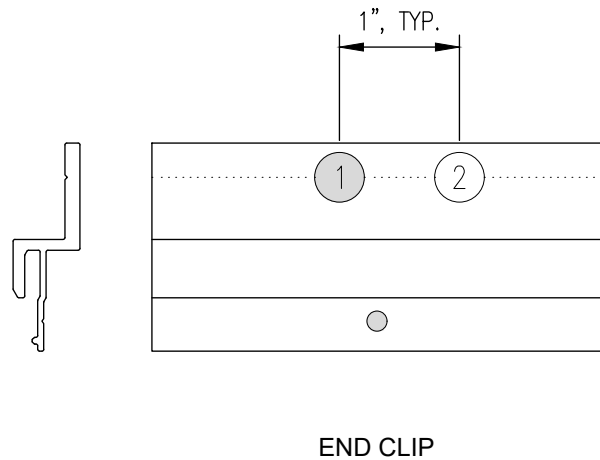


TABLE 506: CONCRETE¹
NO. OF REQUIRED SCREWS² PER CLIP

STRUCTURAL CAPACITY (PSF) [ASD]	CLIP SPACING (INCHES)	PANEL SPAN ^{3 4} (INCHES)		
		58	48	24
JOINT CLIP				
40	24	2	2	2
60	16	2	2	2
80	12	2	2	2
100	12	2	2	2
STARTER / END CLIP				
40	24	2	2	2
60	16	2	2	2
80	12	2	2	2
100	12	2	2	2

- SUBSTRATE CRITERIA MINIMUMS:
 - NORMAL WEIGHT
 - COMPRESSIVE STRENGTH (f_c) = 2,500 PSI
- SCREWS SHALL BE DEWALT ULTRACON+ 3/16" X 2-1/4" HEX WASHER HEAD (HWH) CONCRETE ANCHORS OR OTHER AS APPROVED BY LAMINATORS
- TO USE TABLE, SELECT PANEL SPAN GREATER THAN OR EQUAL TO SIZE OF ACTUAL PANEL TO BE INSTALLED
- PANEL SPAN IS THE DISTANCE BETWEEN CLIP ATTACHMENT SIDES AND IS PARALLEL TO DIRECTION OF PANEL STIFFENER (TYPICALLY THE SHORT SIDE OF THE PANEL UNLESS STIFFENERS ARE ROTATED, REFER TO A-106)



INSTALLATION TIPS:

- INSTALL SCREWS IN NUMBERED SEQUENCE INDICATED
- SHADED HOLES ARE PRE-PUNCHED BY LAMINATORS; PRE-DRILLING ADDITIONAL REQUIRED HOLE LOCATIONS IS RECOMMENDED FOR EASE OF INSTALLATION
- ENSURE CLIPS DO NOT ROTATE DURING INSTALLATION

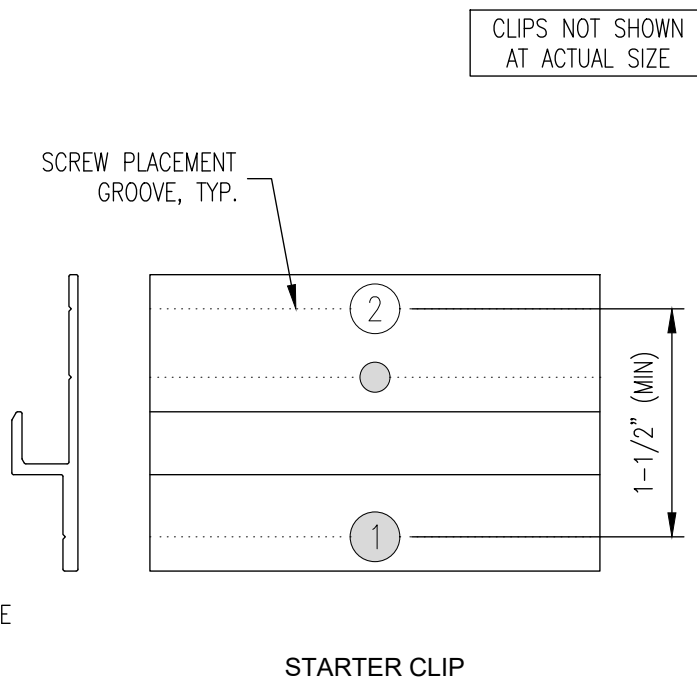
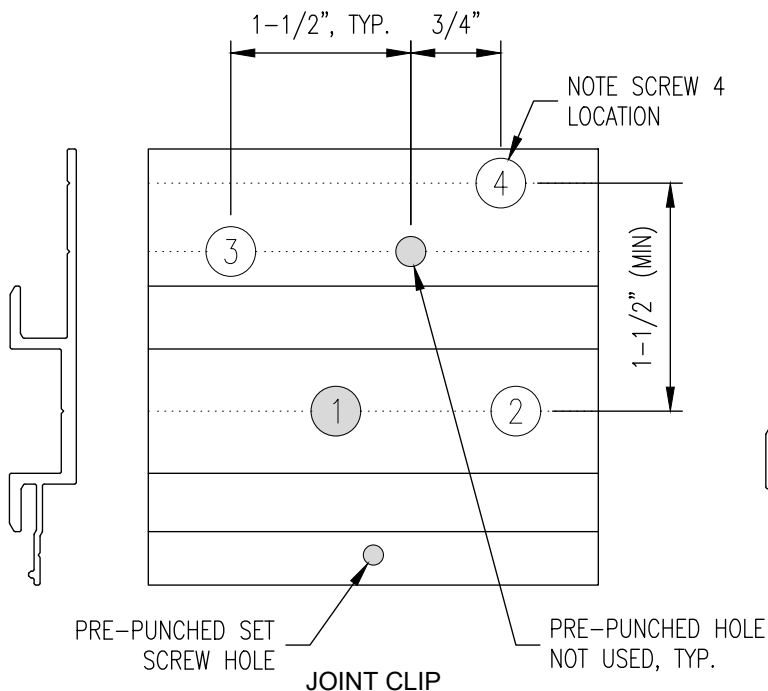
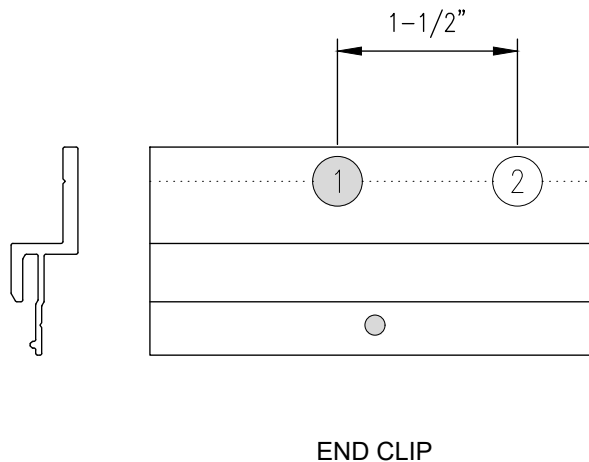


TABLE 507: CMU¹
NO. OF REQUIRED SCREWS² PER CLIP

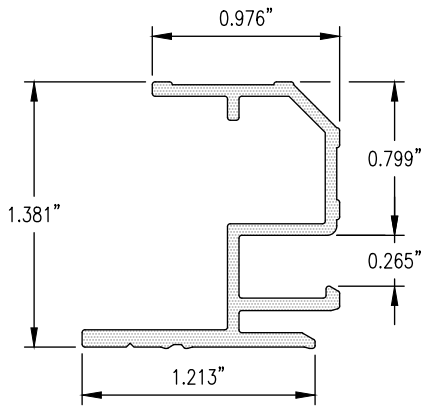
STRUCTURAL CAPACITY (PSF) [ASD]	CLIP SPACING (INCHES)	PANEL SPAN ^{3 4} (INCHES)		
		58	48	24
JOINT CLIP				
40	24	3	3	2
60	16	3	3	2
80	12	3	3	2
100	12	4	3	2
STARTER / END CLIP				
40	24	2	2	2
60	16	2	2	2
80	12	2	2	2
100	12	2	2	2

- SUBSTRATE CRITERIA MINIMUMS:
 - NORMAL WEIGHT (ASTM C90)
 - COMPRESSIVE STRENGTH (f_m) = 2,000 PSI
 - FACE SHELL THICKNESS = 1-1/4"
- SCREWS SHALL BE DEWALT ULTRACON+ 3/16" X 2-1/4" HEX WASHER HEAD (HWH) CONCRETE ANCHORS OR OTHER AS APPROVED BY LAMINATORS
- TO USE TABLE, SELECT PANEL SPAN GREATER THAN OR EQUAL TO SIZE OF ACTUAL PANEL TO BE INSTALLED
- PANEL SPAN IS THE DISTANCE BETWEEN CLIP ATTACHMENT SIDES AND IS PARALLEL TO DIRECTION OF PANEL STIFFENER (TYPICALLY THE SHORT SIDE OF THE PANEL UNLESS STIFFENERS ARE ROTATED, REFER TO A-106)

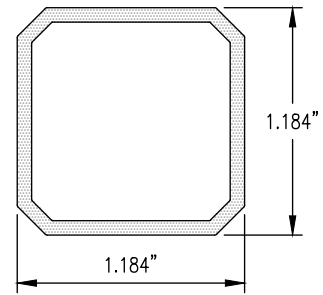


INSTALLATION TIPS:

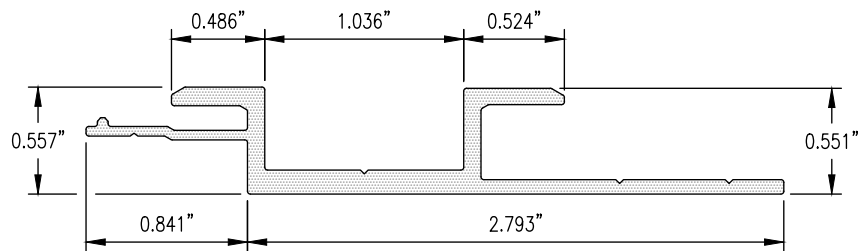
- INSTALL SCREWS IN NUMBERED SEQUENCE INDICATED
- SHADED HOLES ARE PRE-PUNCHED BY LAMINATORS; PRE-DRILLING ADDITIONAL REQUIRED HOLE LOCATIONS IS RECOMMENDED FOR EASE OF INSTALLATION
- ENSURE CLIPS DO NOT ROTATE DURING INSTALLATION



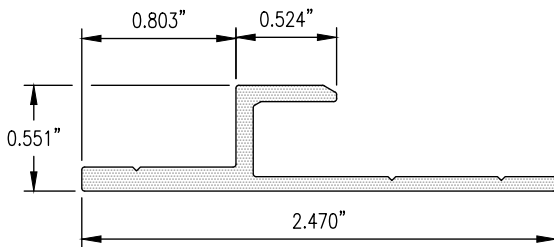
PERIMETER EXTRUSION



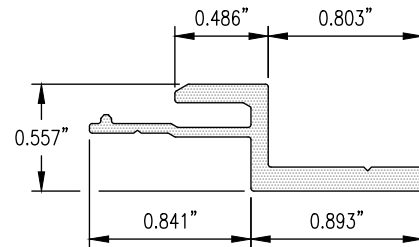
PANEL STIFFENER



JOINT CLIP



STARTER CLIP



END CLIP



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SHAPE PROFILES

ADAPTACLAD RS

MISCELLANEOUS DETAILS

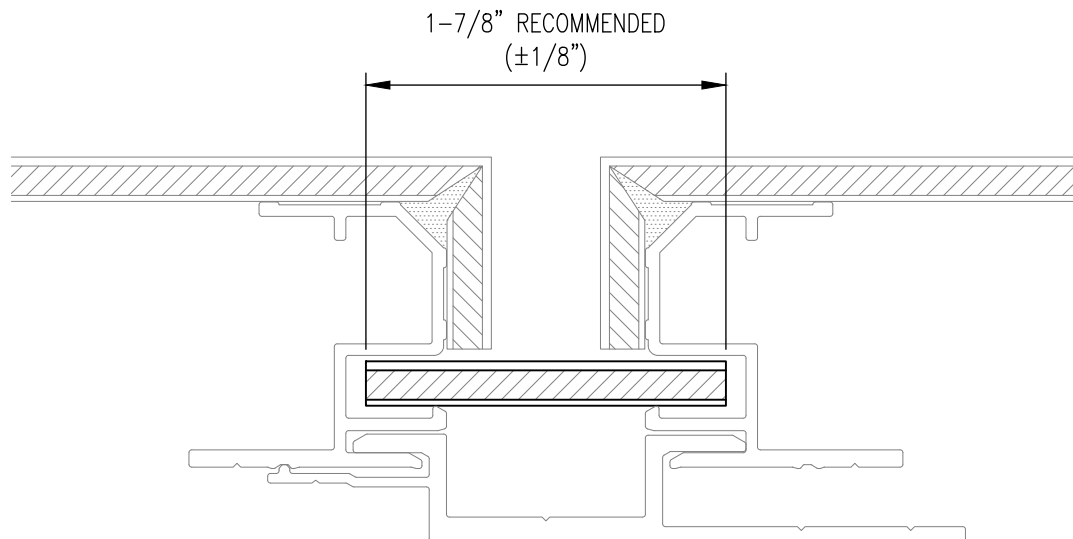
Date:
9/1/2026

Drawn By:
JJM

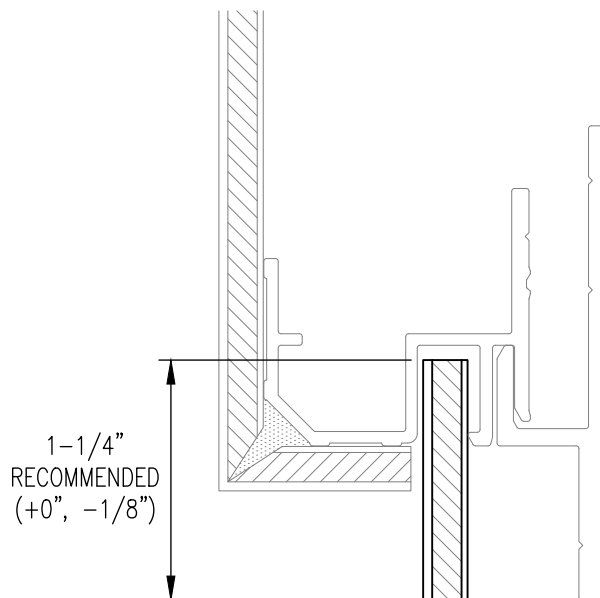
Detail Set:
AC-RS

Dwg. No.:
M-101

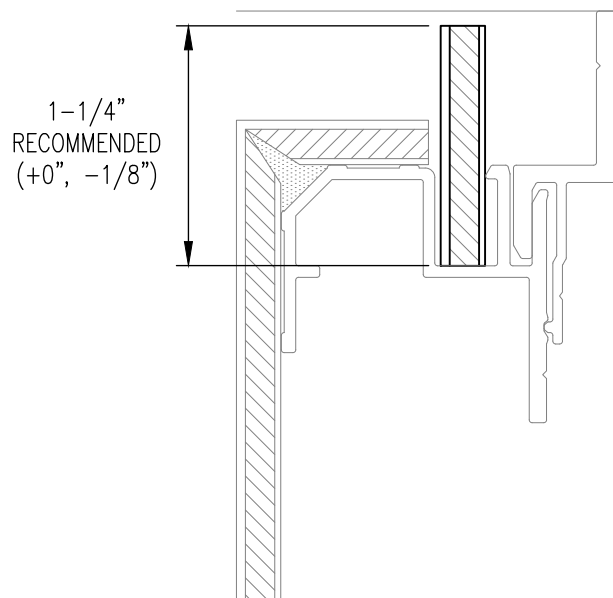
Rev:
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VERTICAL AND HORIZONTAL JOINTS



BOTTOM HORIZONTAL AND LEFT
VERTICAL EDGES (TYPICAL)



TOP HORIZONTAL AND RIGHT
VERTICAL EDGES (TYPICAL)



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INSERT STRIP SIZES

ADAPTACLAD RS

MISCELLANEOUS DETAILS

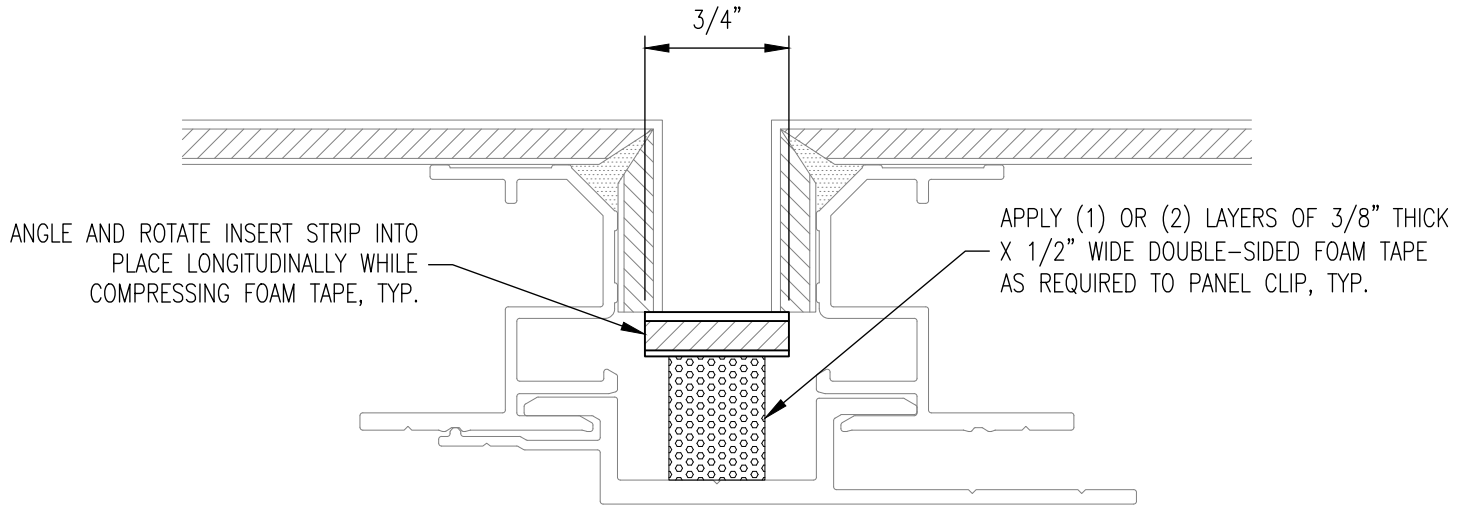
Date:
9/1/2026

Drawn By:
JJM

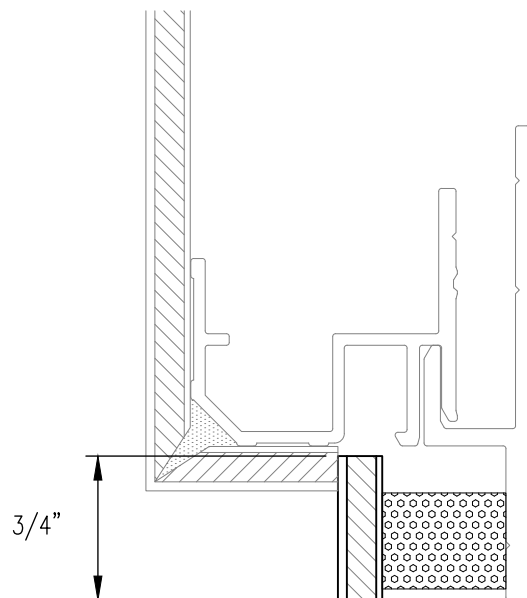
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AC-RS

Dwg. No.:
M-102

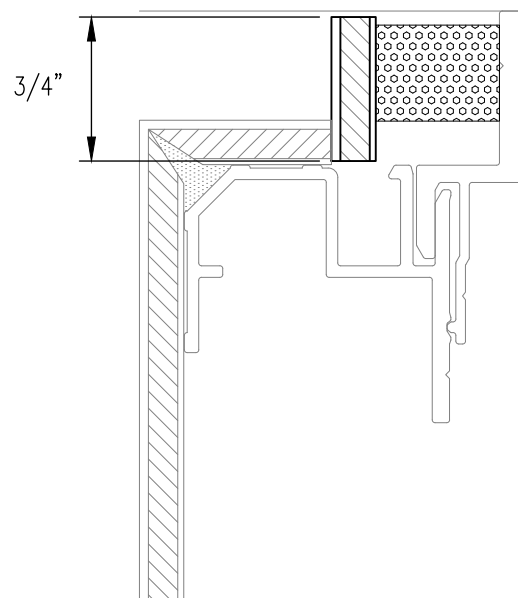
Rev:
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VERTICAL AND HORIZONTAL JOINTS



BOTTOM HORIZONTAL AND LEFT VERTICAL EDGES (TYPICAL)



TOP HORIZONTAL AND RIGHT VERTICAL EDGES (TYPICAL)



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ALTERNATE PUSH-IN INSERT STRIP - CONFINED AREAS

ADAPTACLAD RS

MISCELLANEOUS DETAILS

Date:
9/1/2026

Drawn By:
JJM

Detail Set:
AC-RS

Dwg. No.:
M-103

Rev:
00